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BOOKS AND ARTICLES PUBLISHED BY THE CORPS OF
INSTRUCTION OF THE UNIVERSITY OF ILLINOIS

May 1, 1929—April 30, 1930

The publications of the faculty of the University of Illinois during the past year ended April 30, 1930, are listed below under four heads, namely: (1) Book reviews which are of the character of book notices; (2) Book reviews which are essentially original articles or contributions to the discussion of the subject matter of the book or articles reviewed; (3) Articles; (4) Books.

ADAMS, L. A.

(3) Articles:

- Skeletal adjustments of a three legged chicken. Trans. Ill. State Acad. Sci. 22:155-56. (500)
Broken bones in wild animals and how they are mended. *Ibid.* 22:157-65. (3000)
A new Urodele from the lower Pliocene of Kansas. Introduction by H. T. Martin. Amer. J. Sci. 17:102:503-20. (5500)

ADAMS, ROGER

(2) Original reviews:

- An introduction to modern organic chemistry, by L. A. Coles. J. Chem. Educ. 7:2:482. (500)

(3) Articles:

- with Lycan, W. H.
Omega-hydroxy aliphatic acids. II. Conversion of omega-hydroxydecanoic acid to chain polyintermolecular esters and to a dimeric cyclic ester. J. A. C. S. 51:11:3450-64. (7000)
with Stanley, W. M.
The synthesis of chaulmoogric acid from hydnocarpic acid. *Ibid.* 51:5:1515-18. (2000)
with Bousquet, E. W.
Substituted phenylethylbarbituric acids. *Ibid.* 52:1:224-29. (3000)
with Stanley, W. M.
The stereoisomerism of diphenyl compounds. IV. *Ibid.* 52:3:1200-5. (2750)
with Ford, S. G.
Cyclobutylalkyl alkyl acetic acids and their bactericidal action toward B. leprae. XVI. *Ibid.* 52:3:1259-61. (1500)
with Browning, E., and Woodrow, H. W.
Preparation and bacteriological action toward B. leprae of certain olefinic acids. XVII. *Ibid.* 52:3:1281-83. (1500)
with Armendt, B. F.
Certain dialkyl acetic acids containing 12, 13, and 14 carbon atoms and their bactericidal action toward B. leprae. XVIII. *Ibid.* 52:3:1289-91. (900)
with Stanley, W. M.
Stereochemistry of diphenyl compounds. The resolution of 2,2'-dihydroxy-3,3'-dicarboxy-1,1'-dinaphthyl. III. Rec. Trav. Chim. des Pays-bas. 48:9:1035-40. (3000)

ADAMS, ROGER (continued)

(4) Books:

with Clarke, H. T. (editor), Conant, J. B., Gilman, Henry, Marvel, C. S., Noller, C. R., and Whitmore, F. C.

Organic syntheses, Vol. X. John Wiley and Sons, Inc., N. Y. 1930. i + 120 pp.

ALLEMAN, N. J.

(3) Articles:

with Lyon, S. W., and Moore, H. F.

A study of fatigue cracks in car axles. Part II. U. of Ill. Eng. Exp. Sta. Bul. XXVII:197:27. (3000)

ALLEN, C. L.

(2) Original reviews:

The suburban weekly, by Margaret V. Cosse. Journ. Qt. VIII:1:30. (300)

(4) Books:

The journalist's manual of printing. Thomas Nelson and Sons, N. Y. 1929. ii + 267 pp.

AMBROSIUS, E. E.

(3) Articles:

with Reed, J. C.

The flow of superheated ammonia in one inch extra heavy black steel pipe. Refrig. Eng. 19:2:45-55. (6000)

with Reed, J. C.

The flow of superheated ammonia in one inch extra heavy black steel pipe. J. Heat., Piping, and Air Cond. 2:2:101-6. (2500)

ANDERSON, C. R.

(4) Books:

with Saunders, Alta G.

Business reports. McGraw-Hill, N. Y. 1929. iv + 411 pp.

ANDERSON, H. W.

(3) Articles:

Experiments with blister canker of apple trees. U. of Ill. Agr. Exp. Sta. Bul. 340:55-90. (17,500)

Spraying experiments for disease control. Trans. Ill. State Hort. Soc. 1929. pp. 117-28. (3500)

Spraying the interplanted peach and apple orchard. *Ibid.* 1929. pp. 462-69. (2500)

The eradication of the cedar tree. *Ibid.* 1929. pp. 447-54.

with Thornberry, H. H.

Peach spraying for brown rot and bacterial spot control. *Ibid.* 1929. pp. 129-39. (2000)

Control of bramble diseases. Biennial Rpt. Kans. State Hort. Soc. 1929-30. (2200)

Yellow leaf of cherry. Amer. Fruit Growers' Mag. Mar., 1930. pp. 8-9. (1000)

with Flint, W. P., and others

Directions for spraying fruit in Illinois. Revision of Ill. Circ. 277. Mar., 1930.

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ASHBY, R. C.

(3) Articles (continued)

- Small markets, direct buying or shipping. *Ibid.* 8:7:14. (2000)
Livestock transportation, truck vs. rail. Successful Coop. in Livestock Marketing. Seventh An. Rpt. of Chicago Producers Com. pp. 20-23. (1220)
Motor trucks and livestock marketing. Coop. Livestock Field Service Manual, Nat. Livestock Producers Assoc., Chicago. pp. 107-11. (1700)
Livestock shipping associations in Illinois. Ill. Agr. XXIV:4:77:92-93. (1900)

AUDRIETH, L. F.

(1) Book notices:

- Thirty reviews in chemical abstracts. Chem. Abst. Vols. 23 and 24. (5000)

(3) Articles:

- Parallelism in the decomposition of NH_4' , N_2H_4 and NH_2OH nitrites. J. Phys. Chem. 34:2:538-42. (5000)
Preparation of semicarbazide. J. A. C. S. 52:3:1250-51. (1000)
Hydroxylamine as a parent solvent. Proc. Ill. State Acad. Sci. 22:385-90. (4000)

BABBITT, H. E.

see Doland, J. J., and Schlenz, H. E.

BACHEM, ALBERT

(3) Articles:

- X-ray therapy. Arch. of Phys. Therapy, X-Ray, Radium. 11:1:5. (3000)
The electrical resistance of live and dead tissue. Proc. Soc. for Exper. Biol. and Med. 27:5:3. (700)
The ultraviolet transparency of the various layers of human skin. Amer. J. Phys. 91:1:7. (2000)
with Reed, C. I.
The transparency of live and dead animal tissue to ultraviolet light. *Ibid.* 90:3:7. (1600)
with Reed, C. I.
The penetration of ultraviolet light through the human skin. Arch. of Phys. Therapy. 11:2:7. (3000)
with Boor, A. K.
A spectrographic study of carbon monoxide hemoglobin. J. Biol. Chem. 85:3:7. (3000)
see also Kunz, Jakob, and Boor, A. K.

BADGER, A. E.

(3) Articles:

- with Parmelee, C. W., and Clark, G. L.
Coloration of glass by X-rays. J. Soc. Glass Tech. 13:52:279-85. (2000)
with Parmelee, C. W., and Clark, G. L.
Diffraction of X-rays by glass. *Ibid.* 13:52:285-90. (1500)

BAILAR, J. C., JR.

(3) Articles:

- An experiment to illustrate the law of multiple proportions. J. Chem. Educ. 6:10:1759-60. (1000)

ANDREWS, A. I.

(3) Articles:

Study of the properties of simple enamel glasses. J. Amer. Cer. Soc. XII:390-95. (3000)

Wet process leadless castiron enamels. *Ibid.* XII:557-65. (4500)

Acid resisting cover enamels for sheet iron. U. of Ill. Eng. Exp. Sta. Bul. 201. (10,000)

ARNOLD, LLOYD

(3) Articles:

Alteration in the endogenous enteric bacterial flora and microbic permeability of the intestinal wall in relation to the nutritional and meteorological changes. J. of Hyg. (Cambridge, England). 29:82-116.

Citrated versus acid milk in infant feeding. Arch. of Ped. 46:637-45.

Enterotoxination. New Eng. J. Med. 201:811-14.

Future control of intestinal diseases. Ill. Health Qt. 2:15-20.

The role of the food vehicle in food poisoning. Amer. J. Public Health. 20:287-91. (1000)

with Singer, C.

Auto disinfection of the human skin. Proc. Soc. for Exper. Biol. and Med. 27:364.

with Gustafson, C.

Gastro-intestinal port of entry of B. tuberculosis in guinea pigs. *Ibid.* 27:36.

with Gustafson, C., and Thayer, J.

Gastro-intestinal port of entry of B. tuberculosis in dogs. *Ibid.* 27:367

with Gustafson, C. J., Hull, T. G., Montgomery, B. E., and Singer, C.

The self-disinfecting power of the skin as a defense against microbic invasion. Amer. J. Hyg. 11:345-61.

see also Hull, T. G.

ARON, A. W.

(1) Book notices:

Grillparzer's Weh dem, der lügt! edited by C. H. Bell. Monatshefte für deutschen Unterricht. XXI:6:179. (350)

Modern German stories, edited by A. W. Porterfield. Mod. Lang. J. XIII:8:679-80. (850)

Introduction to German Political and Cultural History, by F. W. Kaufmann and E. W. Balduf. *Ibid.* XIV:1:77-78. (650)

(3) Articles:

Measuring reading ability in modern foreign languages. Proc. of the H. S. Conf. U. of Ill. Bul. XXVI:17:235-38. (2500)

ASHBY, R. C.

(3) Articles:

Practices and problems of cooperative livestock shipping associations in Illinois. U. of Ill. Agr. Exp. Sta. Bul. 331:349-72.

Livestock truckage rates in Illinois. *Ibid.* 342:119-75.

To market by truck. The Farm J. LIII:6:14. (1100)

Testing farm scales. *Ibid.* LIII:10:36. (200)

What must be considered in marketing. Nat. Livestock Prod. 7:10:21. (1600)

BAKER, C. E.
see Ruth, W. A.

BAKER, F. C.

(3) Articles:

- The European starling in Illinois. *Science*. 69:521-22. (500)
A new record of *Castoroides ohioensis* from Illinois. *Ibid.* 71:389. (360)
Biography of Augustus A. Gould. *Dict. Amer. Biog.* (600)
Biography of Robert Kennicott. *Ibid.* (900)
The use of animal life by the Mound Building Indians of Illinois. *Trans. Ill. State Acad. Sci.* 22:41-64. (8500)
The molluscan fauna of the southern part of Lake Michigan and its relationship to old glacial Lake Chicago. *Ibid.* 22:186-94. (3200)
A review of our present knowledge concerning the character and distribution of the Pleistocene aquatic molluscan life of Illinois. *Ibid.* 22:411-34. (11,000)
University museum exhibition cases. *The Museum News*. 7:11-12. (550)
Campus birds. *The Alumni Almanac, Ill. Alumni News*, 1929-30, Jan. to April. (1400)

BAKER, R. H.

(4) Books:

- Astronomy*. D. Van Nostrand Co., N. Y. 1930. 535 pp.

BALDWIN, E. C.

(3) Articles:

- Some extra biblical influences upon Milton's story of the Fall of Man. *J. Engl. and Germ. Philol.* XXVIII:3:366-401. (17,000)

(4) Books:

- Types of literature in the Old Testament*. Thomas Nelson and Sons, N. Y. 1929. i + 218 pp.

BALDWIN, T. W.

(1) Book notices:

- Silbermann, A. M.: *Untersuchungen über die quellen des dramas "The True Tragedy of Herod and Antipater with the Death of Faire Mariam,"* by Gervase Markham and William Sampson. *J. Engl. and Germ. Philol.* XXVIII:3:439-40. (500)

(2) Original reviews:

- The origin and development of 1 Henry VI in relation to Shakespeare, Marlowe, Peele, and Greene, by Allison Gaw. *Ibid.* XXVIII:4:557-61. (2000)

- The plays of Beaumont and Fletcher, by E. H. C. Oliphant. *Ibid.* XXIX: 2:280-85. (2000)

(3) Articles:

- The Revels books of 1604-5, and 1611-12. *The Library*. 4 Ser.:X:3:327-38. (3800)

- Normal amount of teaching and research (report of Committee T, of the A.A.U.P.). *A. A. U. P. Bul.* XVI:3:206-14. (3300)

BARLOW, R. R.

(3) Articles:

- The government and the press in France. *Journ. Qt.* VI:2:13-22. (8000)
The government and the press in Germany. *Ibid.* VI:3:3-7. (4000)
Cost of sports news told by dailies. *Ed. and Pub.* 62:50:58. (600)

BARTLETT, R. W.

(3) Articles:

- Price plants in eastern markets as related to the natural production of milk.
Rpt., Ill. State Acad. Sci. XXII:558-74. (3000)

BARTO, HARRIET T.

(3) Articles:

- The relation of nutrition to teeth. *Ill. Dept. of Public Health, Educ. Health*
Circ. No. 5. pp. 21-25. (2000)

BAUER, F. C.

(3) Articles:

- Productiveness of Illinois soils. *Ill. Farmer's Inst., 34th An. Rpt., July,*
1929. pp. 14-39. (9650)
Management and treatment of soils as related to loan value. *U. of Ill. Agr.*
Exp. Sta. Bul. 356:47-54. (2500)
with Linsley, C. M.
Test your soil for acidity. *Ibid.* 346:2-16. (3000)
with Smith, L. H.
Caring for the fertility of Illinois soil. *Ibid.* 342:3-20. (7740)
with Smith, R. S., DeTurk, E. E., and Smith, L. H.
Douglas County soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 43:1-54.
(24,675)
with Smith, R. S., DeTurk, E. E., and Smith, L. H.
Coles County soil report. *Ibid.* 44:1-61. (26,000)
with Smith, R. S., Norton, E. A., DeTurk, E. E., and Smith, L. H.
Macon County soil report. *Ibid.* 45:1-67. (30,525)

BAYLEY, W. S.

(1) Book notices:

- Diamond: a descriptive treatise, by J. R. Sutton. *Econ. Geol.* 24:4:452.
(150)
Geophysical prospecting: paper and discussions, etc. *Amer. Inst. Min.*
Engrs. Ibid. 24:5:563-64. (200)
A series of elementary exercises upon geological maps, by J. I. Platt. *Ibid.*
24:5:564. (75)
Ore deposits of magmatic origin, their genesis and natural classifications, by
P. Niggli. *Trans. by H. C. Boydell. Ibid.* 24:7:780. (175)
Ball clays. Special reports on the mineral resources of Great Britain. *Ibid.*
24:7:784. (175)
Dana's manual of mineralogy, 14th ed., by W. E. Ford. *Ibid.* 24:8:873.
(100)
Elements of mineralogy, 22d ed., by F. Rutley. *Ibid.* 24:8:874. (150)
The platinum deposits and mines of South Africa, by P. A. Wagner. *Ibid.*
25:1:102-4. (850)

BAYLEY, W. S.

- (1) Book notices (continued)
Sedimentary petrography, 2d ed., by H. B. Milner. *Ibid.* 25:1:107. (150)
Vorkommen und Geochemie der Mineralischen Rohstoffe, by G. Berg. *Ibid.*
25:2:227-28. (150)
Deposition of the sedimentary rocks, by J. E. Marr. *Ibid.* 25:2:229. (200)
(4) Books:
Guide to the study of non-metallic mineral products. Henry Holt and Co.,
N. Y. 1930. xvi + 530 pp.

BEADLES, JESSIE R.

- (3) Articles:
with Mitchell, H. H.
The paired-feeding method in nutrition experiments and its application to
the problem of cystine deficiencies in food proteins. *J. Nutr.* 11:3:
225-43.

BEARD, J. H.

- (3) Articles:
Decreasing sick rate is noted among university students. *The Nation's*
Schools. IV:5:61-68. (3500)
Health in college students. *Ill. Health Qt.* 11:1:21-29. (3000)
Certain factors influencing the mental health of college students. *Ill. Med. J.*
LVII:6:423-27. (4000)
The contribution of student health service to the progress of modern medi-
cine. *Ibid.* LVII:1:58-61; *Scientific Mo.* XXIX:371-74. (2500)

BECKER, B. C.

- (3) Articles:
with Muskat, I. E., and Lowenstein, J. S.
Studies of conjugated systems: II bromination of vinylacrylic acid. *J. A.*
C. S. 52:326-31. (2400)
with Muskat, I. E.
Studies of conjugated systems: III chlorination of vinylacrylic acid. *Ibid.*
52:812-17. (2000)

BENJAMIN, A. C.

- (1) Book notices:
Studies and exercises in formal logic, by Keynes. *J. Phil.* XXVII:6:161-64.
(1600)
(3) Articles:
Existence. *Ibid.* XXVI:14:365-72. (4000)

BERDAHL, C. A.

- (2) Original reviews:
The appointing and removal power of the President, by Charles E. Morgan-
ston. *Const. Rev.* 13:4:236-38. (900)
Fourth annual report of the permanent court of international justice. *Ill.*
Law Rev. 24:8:943-44. (500)

BERDAHL, C. A.

(2) Original reviews (continued)

Judicial interpretation of international law in the United States, by Charles Pergler; the legal effects of recognition in international law, by John G. Hervey. *Ibid.* 24:8:955-57. (1000)

(3) Articles:

The Kellogg Pact and the Covenant. *League of Nations Chr.* 2:11:2-3. (1800)

The early attitude of the United States towards the peaceful settlement of international disputes. *Ibid.* 3:2:2. (1000)

The early attitude of the United States towards the principle of international organization. *Ibid.* 3:3:2. (1000)

The American league to enforce peace. *Ibid.* 3:4:2. (1500)

New South Dakota primary law applies short ballot doctrine. *Nat. Munic. Rev.* 19:4:235-38. (2000)

Recent publications of political interest (compilations). *Amer. Pol. Sci. Rev.* 23:2:522-58; 23:3:805-48; 23:4:1066-99; 24:1:233-71. (60,000)

BERMAN, EDWARD

(1) Book notices:

A history of labor legislation in Illinois, by E. R. Beckner. *Amer. Econ. Rev.* 20:1:134-35. (500)

A history of labor legislation in Illinois, by E. R. Beckner. *Ill. Law Rev.* 24:7:847-49. (1000)

The labor injunction, by Felix Frankfurter and Nathan Greene. *Ibid.* 24:8:939-41. (1100)

The labor movement in the United States: 1860-1895, by Norman J. Ware. *Taylor Soc. Bul.* 14:6:279. (500)

War history of American railroads, by Walker D. Hines. *The World Tomorrow.* 12:10:427. (800)

BERNBAUM, ERNEST

(3) Articles:

The place of English in the curriculum. *Proc. Fed. of Ill. Coll.* 1930. pp. 14-15. (400)

(4) Books:

Selections from the pre-romantic movement. Thomas Nelson and Sons, N. Y. 1929. iv + 470 pp.

Blake, Coleridge, Wordsworth, Lamb, and Hazlitt. Thomas Nelson and Sons, N. Y. 1929. iv + 410 pp.

Scott, Southey, Campbell, Landor, Moore, and Byron. Thomas Nelson and Sons, N. Y. 1929. iv + 392 pp.

Keats, Shelley, Leigh Hunt, De Quincey, and Carlyle. Thomas Nelson and Sons, N. Y. 1929. iv + 415 pp.

The romantic period. Thomas Nelson and Sons, N. Y. 1930. ix + 485 pp.

The earlier Victorian period. Thomas Nelson and Sons, N. Y. 1930. vii + 410 pp.

The later Victorian period. Thomas Nelson and Sons, N. Y. 1930. vii + 370 pp.

Books edited in Nelson's English Series, Thomas Nelson and Sons, N. Y.: Old English and medieval literature, by Gordon Hall Gerould. 1929. vii + 351 pp.

BERNBAUM, ERNEST

(4) Books (continued)

Sixteenth century literature, by Gordon Hall Gerould. 1929. xii + 394 pp.
Seventeenth century literature, by Richard Foster Jones. 1929. xii + 423 pp.

Eighteenth century literature, by Richard Foster Jones. 1929. xii + 416 pp.

Types of literature in the Old Testament, by Edward Chauncey Baldwin. 1929. xiv + 218 pp.

Essays and essay-writing, by Bernard L. Jefferson. 1929. xxi + 425 pp.

Hawthorne's *Scarlet Letter*, by Ernest E. Leisy. 1929. xxiv + 290 pp.

Some American humorists, by Napier Wilt. 1929. xiv + 260 pp.

Literary studies for freshman composition, by Bernard L. Jefferson, Paul N.

Landis, Arthur W. Secord, and James E. Ernst. 1929. xi + 717 pp.

The study of poetry, by Paul N. Landis and A. R. Entwistle. 1929. vii + 306 pp.

The best of Carlyle, by Herbert LeSourd Creek. 1929. xiii + 534 pp.

The journalist's manual of printing, with laboratory exercises, by Charles Laurel Allen. 1929. vii + 270 pp.

The best of Tennyson, by Walter Graham. 1930. 650 pp.

BIRCH, C. L.

(3) Articles:

with Williamson, C. S.

The mistakes in diagnosis as revealed by autopsy. *Med. Clin. of N. Amer.* 13:5:1091-1109. (7000)

with Boyden, E. A.

Reaction of gall bladder to stimulation of gastro-intestinal tract. *Amer. J. Phys.* 92:2:287-316. (11,000)

BLANCHARD, W. O.

(3) Articles:

Distribution of irrigated areas with special reference to Europe. *J. Geog.* 29:3:121-28. (2500)

(4) Books:

Exercises and problems in elementary economic geography. McGraw-Hill, N. Y. 1930. 32 pp.

Geographic aspects of transportation. Henry Holt and Co., N. Y. 1930. 86 pp.

BLATT, M. L.

(2) Original reviews:

U. S. Veterans' Bureau Medical Bulletin, Vol. V, edited by Martin Cooley.
The Mil. Surgeon. Vol. 63. (5000)

BLOOM, MARGARET

(3) Articles:

Freshman response to comparative literature. *Engl. J.* XVIII:9:761-63. (750)

Young America's response to ideas. *School and Soc.* XXX:766:299-301. (1600)

BLOOM, MARGARET

(3) Articles (continued)

Rhetoric and anti-rhetoricians. *Ibid.* XXXI:784:18-19. (1300)

(4) Books:

Translation and adaptation: Tales of a grandmother, by George Sand.
J. B. Lippincott Co., Phila. 1930. 370 pp.

BOGART, E. L.

(1) Book notices:

A history of labor legislation in Illinois, by E. R. Beckner. *Amer. Hist. Rev.* Apr., 1930. (400)

(3) Articles:

Our interest in the reparation problem. *Atlantic Mo.* 145:4:555-61. (4200)

Biographies of five men. *Dict. Amer. Biog.* (3500)

(4) Books:

Editor, Longmans Economics Series. Longmans, Green, and Co., N. Y.:
Index numbers elucidated, by W. S. King. Longmans, Green, and Co.,
N. Y. 1920. xx + 226 pp.

American monetary and banking policies, by G. W. Dowrie. Longmans,
Green, and Co., N. Y. 1930. vii + 401 pp.

BOGUSCH, E. R.

(3) Articles:

Trend of succession in a southern bog. *Ill. State Acad. Sci.* XXII:285-97.
(4200)

A new phlox from Texas *phlox wilcoxiana* sp. nov. *Torreyia.* 29:5:135-36.
(360)

BOOR, A. K.

(3) Articles:

A crystallographic study of pure carbon monoxide hemoglobin. *J. Gen. Physiol.* 13:3:307-16. (3400)

with Bachem, Albert

A spectroscopic study of carbon monoxide hemoglobin. *Proc. Chicago Inst. of Med.* 7:6:203. (350)

A spectroscopic study of carbon monoxide hemoglobin. *J. Biol. Chem.* 85:3:743-49. (2800)

with Hektoen, Ludvig

Preparation and antigenic properties of carbon monoxide hemoglobin.
J. Infect. Dis. 46:1:1-11. (4400)

BOURGIN, D. G.

(3) Articles:

Unimolecular reactions. *Proc. Nat. Acad. Sci.* 15:4:357-62. (2200)

Propagation of sound in gases. *Phil. Mag.* 7:821-41. (8500)

Sound propagation in gas mixtures. *Phys. Rev.* 34:3:521-26. (2600)

with Libman, E. E.

Bemerkungen zu einer Arbeit von Joh. Kleibes von Leuchten des Atoms.
Ann. der Physik. 5:8:1096-99. (385)

BOYDEN, E. A.

see Birch, C. L.

BRAY, R. H.

(3) Articles:

A field test for available phosphorus in soils. U. of Ill. Agr. Exp. Sta. Bul. 337:591-602. (4100)

Base exchange capacity studies on certain soil types in Illinois. Rpt. 10th An. Mtg. Amer. Soil Surv. Assoc., Bul. XI. Mar., 1930. pp. 161-68. (4000)

with Willhite, F. M.

Determination of total replaceable bases in soils. Ind. and Eng. Chem., Anal. Ed. 1:3:1-3. (1000)

with Norton, E. A.

The soil reaction profile. J. Amer. Soc. Agron. 21:8:834-44. (5000)

BRITTON, W. E.

(3) Articles:

Legislation of the Fifty-Sixth General Assembly. Ill. Law Rev. 24:5:547-65. (5000)

BRODIE, A. G.

(3) Articles:

Rapid treatment of class II, division I cases with new angle mechanism. Original communication. Dent. Cosmos. LXXI:8.

The new angle mechanism. Original communication. J. Amer. Dent. Assoc. XVI:2085-2108.

What is orthodontia. *Ibid.* XVII:6.

Comment on three editorials—a review. Internat. J. Ortho., Oral Surg., and Radiog. XV:9.

BRONSTEIN, I. P.

(3) Articles:

Recurrent meningitis within a period of eight years. J. A. M. A. 92:2094-95. (2500)

BROOKS, N. C.

(1) Book notices:

Jacob und seine zwölf Söhne. Ein evangelisches Schulspiel aus Steyr. Von Thomas Brunner, 1566. J. of Engl. and Germ. Philol. 28:3:432-33. (600)

BROWN, C. A.

(3) Articles:

The dairy industry at a critical stage. Dairy Produce. 36:41:11-12. (1500)
Stabilization corporations. The Cream. and Milk Pl. Mo. 19:3:23-24. (1500)

BROWN, H. A.

(3) Articles:

with Morris, L. P.

Filament supply for radio receivers from rectified 25 kilocycle current. Proc. Inst. Radio Engrs. 18:2:298-306. (2800)

BROWNING, E.

see Adams, Roger

BUCHHOLZ, J. T.

(3) Articles:

The embryogeny of the conifers. Proc. Internat. Cong. of Pl. Sci. 1:359-92. (14,500)

with Blakeslee, A. F.

Pollen-tube growth in crosses between balanced chromosomal types of *Datura Stramonium*. Genetics. 14:538-68. (14,000)

with Lewis, I. M.

A method for preparing photographs of petri dish cultures by direct contact printing on photographic paper. J. Bact. 19:105-11. (2300)

with Blakeslee, A. F.

Pollen-tube growth of the primary mutant of datura, rolled, and its two secondaries. Proc. Nat. Acad. Sci. 16:3:190-95. (2600)

BULL, SLEETER

(3) Articles:

Canadian bacon production. Amer. Swineherd. 46:7. (2000)

Detour-T-bone trail under repairs. Breeders Gaz. 44:12. (2500)

Why not a contract market for cattle? *Ibid.* 45:2. (2500)

with Carroll, W. E., Rice, J. B., Laible, R. J., and Smith, R. A.

Type in swine as related to rate and economy of gain. U. of Ill. Agr. Exp. Sta. Bul. 321:341-92.

with Longwell, J. H.

Type in swine as related to quality of pork. *Ibid.* 322:395-490.

with Longwell, J. H.

Relative economy of the various cuts of pork. *Ibid.* 330:333-47.

with Carroll, W. E.

Type in swine as related to rate and economy of gain and quality of pork. *Ibid.* 345:1-114.

BURGE, W. E.

(3) Articles:

with Verda, D. J., Wickwire, G. C., and Williams, E.

A study of the effect of a variety of substances on the rate of sugar utilization. Amer. J. Physiol. 92:1. (300)

with Kneer, L. P.

Further evidence that dextrose is more easily used than any of the other sugars. *Ibid.* 92:1. (250)

with Wickwire, G. C.

A comparison of the toxicity and of the effect on sugar metabolism of the alkaloids from several different brands of cigarettes. *Ibid.* 92:1. (200)

with Green, F. C., M'Endarfer, M. E., and Orth, O. S.

Further study on the effect of summer and winter temperatures on the catalase of pine needles; a reply to criticism. Proc. Royal Irish Acad. XXXIX:B:10. (2100)

with Wickwire, G. C., and Seager, L. D.

Comparative effect of temperature on rate of pure chemical reactions and rate of sugar utilization by a plant and a cold blooded animal. Botan. Gaz. LXXXVIII:4. (2200)

BURLISON, W. L.

(3) Articles:

with Dungan, G. H.

Varieties of oats for Illinois. U. of Ill. Agr. Exp. Sta. Bul. 339:23-50. (8160)

with Pieper, J. J., and Flint, W. P.

Growing potatoes in Illinois. *Ibid.* 344:243-83. (11,200)

see also Nolan, A. W.

BUSWELL, A. M.

(3) Articles:

On the trail of a new source of energy. J. West. Soc. Engrs. 35:2:81-87. (4000)

The improvement of the taste of chlorinated drinking water by the use of activated charcoal filters, by Dr. Karl Imhoff and Dr. F. Sierp. (Translation). Public Works. 60:308. (1500)

with Elder, A. L.

Changes in sulfur compounds during sewage treatment. Ind. and Eng. Chem. 21:6:560-62. (2800)

with Boruff, C. S.

Fermentation products of cellulose. *Ibid.* 21:12:1181-82. (2400)

with Symons, G. E.

Biochemical oxygen demand of certain substances. Ind. and Eng. Chem., Anal. Ed. 1:2:161-62. (1000)

with Symons, G. E.

Comparison of the dilution and absorption methods for the determination of biochemical oxygen demand. *Ibid.* 1:4:214-15. (1100)

with Symons, G. E., and Pearson, E. L.

Observations on two-stage sludge digestion 1928-29. Sewage Works J. 2:2:214-18. (1500)

with Boruff, C. S.

Illinois River Studies 1925-28. Ill. State Water Surv. Bul. 28:1-127. (45,000)

CAHN, A. R.

(3) Articles:

The herpetology of Waukesha County, Wisconsin. Copeia. 170:4-8. (2000)

The effect of carp on a small lake: the carp a dominant. Ecology. X:3: 271-74. (2000)

The European starling at Urbana, Ill. Wilson Bul. XLI:4:244. (300)

Information concerning castoroides. Science. LXX:1826:635. (100)

The terrestrial mollusks of Turkey Run State Park, Indiana. Trans. Ill. State Acad. Sci. XXII:250-63. (5500)

with Kemp, J. T.

The terrestrial mollusca of Turkey Run State Park, Indiana. Nautilus. XLIII:2:66-70. (1000)

CAIN, J. R.

(4) Books:

Principles and practice of hygiene. Blakiston, Phila. 1930. ii + 350 pp.

CALLEN, A. C.

(3) Articles:

A mining school in the corn belt. *Min. Cong. J.* 15:5:349-52. (3000)

CALVIN, J. K.

(3) Articles:

Uremia in children. *Med. Clin. of N. Amer.* 13:5:1211-27. (3000)

An unusual type of chronic nephritis in childhood. *Arch. of Ped.* 47:4:250-59. (1800)

CANTER, H. V.

(2) Original reviews:

A. M. Duff, *Freedmen in the early Roman Empire.* *Class. J.* 25:2:132-35. (1075)

(3) Articles:

The figure ΑΔΥΝΑΤΟΝ in Greek and Latin poetry. *Amer. J. Philol.* 51:1:32-41. (4000)

Teachers of Latin and the Loeb Classical Library. *Latin Notes.* VII:1. (550)

CARD, L. E.

(3) Articles:

Putting into practice the newer facts of science. *Poultry Trib.* 36:1:28. (800)

Don't skimp on the growing ration. *Ibid.* 36:5:13, 43-44. (1000)

Raising the 1930 crop of chickens. *Successful Farming.* 28:4:94-97. (1500)

Teaching an elective poultry course to students in general agriculture. *Proc. 21st An. Mtg. Poultry Sci. Assoc.* pp. 23-25. (1600)

Vitamin E requirements of poultry. *Poultry Sci.* 8:6:328-34. (2500)

The application of nomographic methods to the field of poultry husbandry. *Ibid.* 9:1:27-38. (2500)

with Roberts, E.

Abnormal eggs. *Ibid.* 8:5:271-72. (400)

CARMICHAEL, R. D.

(4) Books:

with Smith, E. R.

Plane and spherical trigonometry. Ginn and Co., Boston. 1930. x + 198 pp.

CARNAHAN, D. H.

(1) Book notices:

Victor Hugo: *Hernani*, by D. S. Blondheim. *Mod. Lang. J.* XIV:5:419-21. (700)

(3) Articles:

The attitude of the *Oriflamme* and the *Nain* towards romanticism. *Mod. Lang. Notes.* XLV:2:111-14. (900)

CARO, M. R.

(3) Articles:

Thallium acetate: table for estimating dosage. *J. A. M. A.* 92:1834. (200)

CARO, M. R.

(3) Articles (continued)

with Riordan, T. J.

Varicose ulcer and eczema: pathogenesis and treatment. *Med. Clin. of N. Amer.* 13:3:729-43. (4000)

CARROLL, W. E.

(3) Articles:

Type in swine as related to rate and economy of gain. *U. of Ill. Agr. Exp. Sta. Bul.* 321. 51 pp.

Type in swine as related to rate and economy of gain and quality of pork

Ibid. 345. 13 pp.

see also Bull, Sleeter.

CASBERG, C. H.

(3) Articles:

with Spencer, W. H.

Investigation of endurance of bond strength of various clays in molding sand. *U. of Ill. Eng. Exp. Sta. Bul.* 200:1-25. (11,000)

CASE, H. C. M.

(3) Articles:

Cost of producing peaches and apples in Illinois. *Trans. Ill. State Hort. Soc.* 63:194-207. (4000)

Research in farm management. *Proc. Internat. Conf. Agr. Econ. Workers.* 1:4. (500)

Counting the dollars. 20th An. Rpt. Nebr. Crop Growers Assoc. pp. 14-25. (3500)

A century of farming and the farm lease. *Shorthorn World.* 14:17. (2000)

Agricultural research and education in England and Wales. *Ill. Agr.* 34:55. (2000)

with Wilcox, R. W., and Berg, H. A.

Organizing the corn-belt farm for profitable production. *U. of Ill. Agr. Exp. Sta. Bul.* 329:259-332. (25,000)

with Norton, E. A., Smith, R. S., and others

Farm earnings and land values on 1500 Illinois farms. *U. of Ill. Agr. Exp. Sta. Circ.* 356:96-105. (4000)

CASKEY, J. H.

(1) Book notices:

Nature and the country in English poetry, by C. E. de Haas. Amsterdam, 1928. *J. of Engl. and Germ. Philol.* 28:3:441-42. (900)

A noble rake. The life of Charles, Fourth Lord Mohun, by Robert Stanley Forsythe. Cambridge, 1928. *Ibid.* 29:2:310-11. (475)

(3) Articles:

The two issues of *The World*. *Mod. Lang. Notes.* 45:1:29-31. (900)

Richard Cumberland's mission to Spain. *Philol. Qt.* 9:1:82-86. (1750)

CATHERWOOD, F. L.

see Rose, W. C.

CHAMBERLAIN, I. M.
see Hess, J. H.

CLARK, A. H.

(4) Books:

Organic chemistry for students of pharmacy and medicine. D. Van Nostrand Co., N. Y. 1929. ix + 446 pp.

CLARK, G. L.

(2) Original reviews:

Infra-red analysis of molecular structure, by F. I. G. Rawlings and A. M. Taylor. Ind. and Eng. Chem. 21:8:801. (200)

(3) Articles:

X-ray applications in every-day engineering problems. Trans. A. S. M. E., Fuels and Steam Power. 51:1:27-29; Proc. Fourth Midwest Power Eng. Conf., 1929. 27-9. (4500)

X-ray metallography in 1929. Metals and Alloys. 1:1:14-17; 2:57-68; 3:98-111; 4:153-61; 5:206-21. (50,000)
(Also published as bound monograph.)

The diffraction of X-rays by ordinary glass subjected to various treatments. J. Soc. Glass Tech. 13:4:285-90. (2500)

Some new experiments on the chemical action of X-rays and the energy relations involved. J. A. C. S. 52:2:465-79. (5000)

The present status and future possibilities of X-ray research on textiles. Amer. Dyestuff Rptr., Sample Swatch Qt. Jan., 1929. pp. 60-70. (8000)

with Smith, H. A.

Ultraviolet spectroscopy of the flames of motor fuels. IV. The practical utilization of a small quartz prism spectrograph for the quantitative determination of lead tetraethyl in gasoline. J. Phys. Chem. 33:5: 659-75. (6000)

with King, A. J.

The crystal structure of barium. J. A. C. S. 51:6:1709-11. (1000)

with Yohe, G. R.

X-ray investigations of optically active compounds. I. A proof of molecular asymmetry in optically active phenylaminoacetic acid. *Ibid.* 51:9:2796-2807. (5200)

with Boruff, C. S.

The effect of X-rays on bacteria. Science. 70:1803:74-75. (500)

with Farr, Wanda K., and Pickett, Lucy W.

Some practical results of an X-ray analysis of cotton fibers. *Ibid.* 71: 1837:293-94. (1000)

with Tschentke, H. L.

Physico-chemical studies on the mechanism of the drying of linseed oil. Ind. and Eng. Chem. 21:7:621-27. (6500)

with Anderson, H. V.

X-ray study of the zonal structure of silica brick from the roof of a basic open-hearth furnace. *Ibid.* 21:8:781-85. (5000)

Application of X-rays in the classification of fibrous silicate minerals commonly termed asbestos. *Ibid.* 21:10:924-33. (7500)

CLARK, G. L.

- (3) Articles (continued)
with Parmelee, C. W., and Badger, A. E.
The coloration of glass by X-rays. *J. Soc. Glass Tech.* 13:4:279-85.
(3000)
with Amberg, C. R.
An X-ray investigation of felspar glasses. *Ibid.* 13:4:290-96. (3000)
with Pickett, Lucy W.
Crystal structures of some derivatives of diphenyl. *Proc. Nat. Acad. Sci.*
16:1:20-27. (3500)
- (4) Books:
X-ray metallography in 1929. Chem. Cat. Co., N. Y. 1929. 55 pp.
with West, C. J., and others
Annual survey of American chemistry. IV, Chapt. 7, X-ray examination
of materials. Chem. Cat. Co., N. Y. 1930. (5000)
see also Badger, A. E.

CLEMENT, J. A.

- (4) Books:
with Clement, J. H.
Cooperative supervision in grades seven to twelve. The Century Co.,
N. Y. 1930. 516 pp.

COBLE, A. B.

- (3) Articles:
Geometric aspects of the abelian modular functions of genus four. Part II.
Amer. J. of Math. 51:4:495-514. (11,000)
- (4) Books:
Algebraic geometry and theta functions. Amer. Math. Soc., N. Y. 1929.
iv + 292 pp.

COFFMAN, D. D.

see Marvel, C. S.

COHEN, HYMAN

- (4) Books:
with Cohen, Lester
Aaron Traum. Horace Liveright, N. Y. 1930. 413 pp.

COLBY, A. S.

- (3) Articles:
Spur pruning is injurious. *U. of Ill. Agr. Exp. Sta. Bul.* 33:8:242. (500)
Strawberry club manual. *U. of Ill. Agr. Exp. Sta. Circ.* 339:32. (9700)
The red raspberry situation in Illinois. *Trans. Ill. State Hort. Soc.* 63:
221-29. (1800)
Characteristics of grape varieties under test at the Illinois Agricultural
Experiment Station. *Trans. Ill. State Acad. Sci.* 22:217-19. (1000)
The training of certain grape varieties to the 6-Cane Kniffin system. *Proc.*
Amer. Soc. Hort. Sci. 1929. pp. 275-77. (1000)
The meadow grasshopper *Orchelimum Vulgare* Harris, a new raspberry pest.
J. Econ. Entom. 23:1:97-108. (6000)
see also Metcalf, C. L.

CONVERSE, P. D.

(1) Book notices:

Some recent books on marketing. N. A. T. M. A. Bul. 4:14-18. (1300)

(3) Articles:

Graduate work in marketing. *Ibid.* Feb., 1930. 3:2-9. (4200)

Retail business in small town. Proc. Conf. on Community Relations. U. of Minn. 1930. pp. 43-48. (1800)

Trends in industrial marketing. Enterpriser. Apr., 1930. pp. 18-19. (1500)

Stock control essential in buying goods. Ill. J. Com. XII:1:9-14. (1400)
with Sheets, H. P.

John Smith, consumer. Hdw. Retailer. 37:1:89-120. (27,000)

(4) Books:

Elements of marketing. Prentice-Hall, Inc., N. Y. 1930. xix + 1080 pp.

COOKE, F. W.

(3) Articles:

A photoelectric cell for use in erythema. Phys. Rev. 34:9:1287. (125)

COREY, S. M.

(3) Articles:

Use of the normal curve as a basis for assigning grades to small classes. School and Soc. 31:798:514-16. (1500)

with Griffith, C. R.

Relation between exercise, learning, and resistance to disease. Proc. 9th Internat. Cong. Psych. 1929. pp. 198-99. (700)

CORNBLEET, THEODORE

(3) Articles:

The use of gentian violet in erosio interdigitalis saccharomycetica. Arch. of Derm. and Syph. 20:8:184-85. (500)

COUCH, H. N.

(4) Books:

The treasures of the Greeks and Romans. Geo. Banta Publishing Co., Menasha, Wis. 1929. i + 118 pp.

CRANDELL, J. S.

(3) Articles:

Bote para vaciar alquitranes. Ingenieria Internacional. 18:4:32. (400)

European airports. Technograph. XLIII:2:57. (4000)

(4) Books:

Sec. 20, American Civil Engineers Handbook, Highway Engineering. John Wiley and Sons, Inc., N. Y. 1930. 101 pp.

CRATHORNE, A. R.

(3) Articles:

Mathematical articles. Nelsons Loose-Leaf Encyc. (2000)

(4) Books:

with Rietz, H. L.

College Algebra. 3d Ed. Henry Holt and Co., N. Y. 1929. xvi + 273 pp.

CULLER, E. A.

(3) Articles:

An empirical study of zero and negative intelligence. *Proc. 9th Internat. Cong. Psych.* pp. 133-34.

A phobic case. *Brit. J. Med. Psych.* 10:1:1-24.

with Taylor, W. S.

The problem of the locomotive-god. *J. of Abnormal and Soc. Psych.* 24:3:342-99.

DAILEY, D. M.

(3) Articles:

Illinois banks and the federal reserve system. *J. Bus., Univ. of Chicago.* 2:3:258-71. (4200)

Chicago has unique banking structure. *Chicago Com.* 25:38:7-8. (1600)

Changes in the Illinois banking structure. *Ill. Bank. Assoc. Bul.* 11:6:11-12. (2200)

Should our national bank notes be paid up? *Northwestern Bank.* 34:503:16-18. (2700)

DAVIS, D. J.

(3) Articles:

Septic sore throat. *J. A. M. A.* 93:978-82. (6000)

DAY, W. B.

(4) Books:

Proceedings of the Illinois Pharmaceutical Association. W. B. Day, Chicago. 1929. 222 pp.

DECKER, S. W.

(3) Articles:

Lawns and their care. *Hort. Mimeo. Circ. No. 1.*

with Weinard, F. F.

Report on the Urbana trial garden. *Amer. Flor.* 72 (2172):13, 34. (1400)

DEGLER, H. E.

see Polson, J. A.

DETURK, E. E.

(3) Articles:

Chemical makeup of soils as related to land appraisal. *U. of Ill. Agr. Exp. Sta. Circ.* 356:42-46. (1500)

with Smith, R. S., Bauer, F. C., and Smith, L. H.

Douglas County soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 43:1-54. (24,675)

with Smith, R. S., Bauer, F. C., and Smith, L. H.

Coles County soil report. *Ibid.* 44:1-61. (26,000)

with Smith, R. S., Norton, E. A., Bauer, F. C., and Smith, L. H.

Macon County soil report. *Ibid.* 45:1-67. (30,525)

DICKINSON, B. S.

(2) Original reviews:

A German text on journalism: *Die Zeitung*, by Otto Groth. *Journ. Qt.* 6:2:9-11. (1500)

DILLAVOU, E. R.

(1) Book notices:

Common legal principles, by Francis W. Marshall. Ill. Law Rev. 24:8:
947-48. (700)

(3) Articles:

Is appreciation available for dividends. Acct. Rev. V:1:22-26. (3000)
Qualifications of business law teachers. Amer. Law School Rev. VI:12:
810-14. (3200)

DOLAND, J. J.

(4) Books:

with Babbitt, H. E.

Water supply engineering. McGraw-Hill, N. Y. 1929. xxi + 776 pp.

DORJAHN, J. A.

see Wolf, Samuel

DORNER, H. B.

(3) Articles:

Fundamentals of floral arrangement. Flor. Rev. 64:1658:37, 106-11.

In the St. James version. *Ibid.* 65:1668:39-40.

Herbaceous perennials for Illinois gardens. Hort. Mimeo. Circ. 2.

Plants for the rock garden. *Ibid.* 4.

Books for the garden lover. *Ibid.* 7.

DORSEY, M. J.

(3) Articles:

A genetic conception of hardiness. Sci. Agr. 10:193-99.

The relation between euchrysa-sac development and the set of fruit in the
apple. Amer. Soc. Hort. Sci. 1929. pp. 56-61.

Hardy peach buds. Trans. Ill. State Hort. Soc. 63:452-58.

DRAFFIN, J. O.

(3) Articles:

Progress in structural engineering: report of committee on railroads and
structural engineering. Proc. Vt. Soc. of Engrs. XVIII:43-49. (2600)

DUNGAN, G. H.

(3) Articles:

Relation of blade injury to the yielding ability of corn plants. Amer. Soc.
Agron. 22:2:164-70. (1625)

with Flint, W. P., and Young, A. L.

Corn-borer developments during 1929. U. of Ill. Agr. Exp. Sta. Circ. 350.
(1200)

with Burlison, W. L.

Varieties of oats for Illinois. *Ibid.* 339:23-50. (8160)

DUVIGNEAUD, VINCENT

(3) Articles:

with Bergmann, Max, and Zervas, Leonidus

Synthese arginin-haltiger Peptide: d-Tryosyl-d-arginin und sein Anhydrid.
Berichte der Deutschen Chemischen Gesellschaft. 62:8:1905-9. (1200)

DUVIGNEAUD, VINCENT

- (3) Articles (continued)
with Bergmann, Max, and Zervas, Leonidas
Acywanderung und Spaltungsvorgänge bei acylierten Dioxopiperazinen.
Ibid. 62:8:1909-13. (1200)

ELDER, L. W., JR.

- (3) Articles:
pH measurement with the glass electrode and vacuum tube potentiometer.
J. A. C. S. 51:11:3266-72.
A comparison of certain hydrogen ion indicator electrodes in the presence of
ferric iron. Preprint. Trans. Amer. Electrochem. Soc. 57:6:49-59.

EMCH, ARNOLD

- (3) Articles:
On the construction of hyperelliptic curves. Tohoku Math. J. 29:329-47.
(5000)
On the geometry of symmetric functions. *Ibid.* 32:16-26. (2500)
On the mapping of the quadruples of the involutorial G_4 in a plane upon a
Steiner surface. Amer. Math. Soc. Bul. 35:381-90. (2500)
Triple and multiple systems, their geometric configurations and groups.
Trans. Amer. Math. Soc. 31:25-42. (5000)
Einige Eigenschaften der Grundpunkte eines Büschels von Kurven dritter
Ordnung. Commentarii Mathematici Helvetici. 1:1-5. (1000)
Unpublished Steiner manuscripts. Amer. Math. Mo. 36:273-75. (600)
(4) Books:
with others
Source book in mathematics. McGraw-Hill, N. Y. 1930. vi + 701 pp.

ENGELHART, M. D.

- (3) Articles:
Curriculum construction in chemistry. Sci. Educ. 14:3:518-22. (2250)
Formal versus informal education. Phi Delta Kappan. 12:6:174-78. (4000)
with Monroe, W. S.
Experimental research in education. U. of Ill. Bul. 27:32:1-105; U. of Ill.
Bur. Ed. Res. Bul. 27:48. (47,500)

ENGLIS, D. T.

- (3) Articles:
with Day, W. N.
The composition of peculiar clinkers found in snags after forest fires.
Science. LXIX:1797:605-6. (500)
with Gerber, Louis
A study of diastase activity in plants. The effect of phosphates in the soil
media. Soil Sci. XXVIII:3:221-24. (1500)
with Zannis, C. D.
The effect of ethylene upon the activity of diastase and invertase. J. A. C. S.
52:2:797-802. (2000)
with Byer, W. J.
Determination of dextrose in the presence of levulose. Ind. and Eng.
Chem., Anal. Ed. 2:1:121-26. (2500)

FAHNESTOCK, M. K.

(3) Articles:

with Willard, A. C., Kratz, A. P., and Konzo, S.

Investigation of heating rooms with direct steam radiators equipped with enclosures and shields. U. of Ill. Eng. Exp. Sta. Bul. 192. XXVI:42:72. (12,000)

with Willard, A. C.

The effect of two types of cast-iron steam radiators on air temperatures in room heating. J. Heat., Piping, and Air Cond. 2:3:185-91. (3500)

FAIRLIE, J. A.

(2) Original reviews:

State administrative supervision over cities in the United States, by Schuyler C. Wallace. Amer. Pol. Sci. Rev. 23:486. (300)

Electrical utilities: the crisis in public control, by William E. Mosher, editor, and others. Public Man. 11:651. (400)

Federal limitations upon municipal ordinance power, by Harvey Walker. Yale Law J. 39:921. (400)

The government and administration of the District of Columbia, by L. F. Schmeckebeier and W. F. Willoughby; and Town government in Massachusetts, by John F. Sly. Nat. Munic. Rev. 19:312. (600)

(3) Articles:

Judicial and administrative control of county offices. Mich. Law. Rev. 28:250. (10,000)

Political developments and tendencies. Amer. Pol. Sci. Rev. 24:1. (6000)

Facilities for publication in the field of political science. *Ibid.* 24 (Supp.):80. (20,000)

Recent developments in county government. Guidon. 4:4:2. (800)

FERRALL, SARAH C.

(3) Articles:

with Dallenbach, K. M.

The analysis and synthesis of burning heat. Amer. J. Psych. XLII:72-82. (3300)

FILBEY, E. J.

(3) Articles:

To merge, or not to merge. The Canner. 70:9:17-19. (3000)

FLETCHER, H. F.

(2) Original reviews:

Studies in Shakespeare, Milton, and Donne, by members of the Department of English, University of Michigan. University of Michigan Publications, Humanistic Series, New York. J. of Engl. and Germ. Philol. XXVIII:561-62. (750)

Die Idee der Toleranz im England der Grossen Revolution. Michael Freund. *Ibid.* pp. 574-77. (1000)

(3) Articles:

Milton and Ben Gerson. *Ibid.* XXIX:41-52. (3500)

(4) Books:

The use of the Bible in Milton's prose. U. of Ill. Studies in Lang. and Lit., Urbana, Ill. 1929. vi + 176 pp.

FLETCHER, H. F.

(4) Books (continued)

with others

Fred Newton Scott papers. Univ. of Chicago. 1929. x + 319 pp.

FLOM, G. T.

(1) Book notices:

Kurze Einführung in die allgemeine Sprachlautlehre, Von Jörgen Forchhammer. J. of Engl. and Germ. Philol. XXVIII:463. (125)

Norröna lovkvaeden fran 800 — och 900 — talen, Utgivna av Ivar Lindquist. *Ibid.* XXIX:154. (200)

Nordiska namnstudier, Av Elias Wessén. *Ibid.* XXIX:154-55. (350)

Osebergskibets runeindskrifter, Av Magnus Olsen. *Ibid.* XXIX:155. (250)

Drei Lygosogur, Herausgegeben von A. Lagerholm. *Ibid.* XXIX:155-56. (300)

Eddastudier III. Av Hugo Pipping. *Ibid.* XXIX:156. (300)

Romsdalsmaal; Formlaera. Av Hans Rypdal. *Ibid.* XXIX:156-57. (150)

Joleband og vegetations guddom. Av Nils Lid. *Ibid.* XXIX:157. (300)

Romans, Kelts, and Saxons in ancient Britain, by R. E. Zachrisson. *Ibid.* XXIX:157-58. (400)

English synonyms and homonyms, by J. H. A. Gunther. *Ibid.* XXIX:158. (100)

(2) Original reviews:

Om Codex Argenteus. Dess Tid, Hem och oden. Av Otto von Friesen och Anders Grape. *Ibid.* XXVIII:410-12. (960)

Svenskavaldets Fald. Av Lis Jakobsen. *Ibid.* XXVIII:424-26. (1000)

The Poetic Edda, by Lee M. Hollander. *Ibid.* XXVIII:543-47. (2700)

Farms and fanes of ancient Norway. Place-names and social and religious history, by Magnus Olsen. *Ibid.* XXVIII:570-73. (1100)

Briefe von Rasmus Rask. Bearbeitetv. F. Braune. *Ibid.* XXVIII:584-86. (600)

Abriss der altfriesischen Grammarik, Von Walther Steller. *Ibid.* XXVIII:586-87. (600)

Edda. Die Lieder des Codex Regius nebst verwandten Denkmälern, II, Von G. Neckel. *Ibid.* XXIX:132-33. (500)

Studies in passive nouns with a concrete sense in English, by E. Bengtsson. Language. VI:94-96. (900)

(3) Articles:

Fragment of RA58A of an old Norwegian codex of Ca. the year 1200. J. of Engl. and Germ. Philol. XXIX:2182-207. (10,000)

(4) Books:

Old English grammar and reader. D. C. Heath and Co., Boston and N. Y. 1930. vii + 407 pp.

FRASER, W. J.

(3) Articles:

Money-making dairying in the West. Hoard's Dairyman. 75:1:6. (900)

Western dairymen feed much rich roughage. *Ibid.* 75:2:62. (950)

Cows give large yields on rich roughage. *Ibid.* 75:3:102. (1150)

Is cow or dairyman to blame? *Ibid.* 75:4:164. (1350)

FRASER, W. J.

(3) Articles (continued)

If they can irrigate, we can lime. *Ibid.* 75:5:222-57. (1495)

When cheaper milk is made, alfalfa is the feed that will make it. *Ibid.* 75:6:290. (1125)

FREER, LOUISE

(2) Original reviews:

Foreword—Swimming and Diving, by Ann Avery Smith. Chas. Scribner's Sons, N. Y. (435)

Foreword—An Outline of Physical Education for the First and Second Grades, by Andersen and McKinley. A. S. Barnes and Co., N. Y. (340)

FREILICH, E. B.

(3) Articles:

Ether anesthesia in the tuberculous. *Ill. Med. J.* 56:67-69. (1200)

FUSON, R. C.

(3) Articles:

with Kao, T. Y.

The mechanism of the cleavage of diethyl alpha, alphá-Dibromoadipate by secondary amines. A new synthesis of cyclobutane derivatives. *J. A. C. S.* 51:1536-39. (1900)

GARNER, J. W.

(2) Original reviews:

Buell, International relations. *Ann. Amer. Acad. Pol. and Soc. Sci.* CXLVIII:291-92. (360)

Hutchinson, United States of Europe. *Intercollegian.* Mar., 1930. p. 176. (560)

Académie de Droit International, Recueil des Cours. *Amer. J. Internat. Law.* 23:887-91. (2500)

Howland, survey of American foreign relations. *Ibid.* 24:424-26. (1100)

(3) Articles:

The international convention for the repression of counterfeiting. *Ibid.* 24:135-39. (1800)

Financial assistance to states threatened with aggression. *Ibid.* 23:829-32. (1600)

The new arbitration treaties of the United States. *Ibid.* 23:595-602. (3700)

Anglo-American and continental European administrative law. *N. Y. Univ.*

Law Rev. 7:387-414. (10,000)

Appeared also in French under the title: La conception Anglo-Américaine de droit administratif, in *Mélanges Maurice Hauriou*. Librairie du Recueil Sirey. Paris. 1929.

The United States and Latin America. *The World Tomorrow.* 13:200-6. (5000)

The new international law. *Miss. Law J.* 2:163-78. (6000)

International responsibility of states for judgments of courts and verdicts of juries amounting to denial of justice. *Brit. Yr. Bk. of Internat. Law.* 10:181-89. (3500)

GARNER, J. W.

(3) Articles (continued)

The freedom of the seas: principles of a solution. *The Nation and Athenaeum*, London, 1929. (6000)

President Hoover's proposal for the immunity of food carrying ships. *Manchester Guardian*, Dec., 1929. (1400)

(4) Books:

with Capen, L. I.

Our government: its nature, structure and functions. *The American Book Co.*, N. Y. 1930. xi + 657 pp.

GASUL, B. M.

(3) Articles:

Schilder's disease (encephalitis periaxialis diffusa). *Amer. J. Dis. of Children*. 39:3:595-609. (5000)

The prognosis of tuberculosis in children. *Ibid.* 37:5:909-17. (5000)

Professor Langer's method of vaccination against tuberculosis. *Arch. of Ped.* 46:July:459-61. (480)

with Rosenblum, P.

Lobar pneumonia complicated by fatal bleeding gastric erosions. *J. A. M. A.* 92:25:2097. (900)

(4) Books:

Translation: The nutrition of healthy and sick infants and children, by Novel, Pirquet, and Wagner. *F. A. Davis Co.*, Phila. 1929. 243 pp.

GATHERCOAL, E. N.

(3) Articles:

Chairman's report of the committee on local branches. *J. A. Ph. A.* 18: 1080-81. (300)

Chairman's report of the committee on unofficial standards. *Ibid.* 19: 191-96. (2400)

History of the committee on unofficial standards of A. Ph. A. *Ibid.* 18: 413-16, 519-21. (3700)

(4) Books:

Color names in the U. S. Pharmacopoeia and in the arts, sciences, and industries. *Drug Bul.*, Chicago. 1930. 90 pp.

GEISSENDOERFER, J. T.

(2) Original reviews:

Von Schiller zu Nietzsche. Von Herbert Cysarz. *J. of Engl. and Germ. Philol.* 28:3:455-57. (900)

Jean Pauls Sämmtliche Werke. Von Eduard Berend. *Ibid.* 28:4:580-84. (1800)

Jean Pauls "Wuz." Von Helmut Küpper. *Ibid.* 29:2:296-99. (1350)

GOBLE, G. W.

(2) Original reviews:

Unfair competition and trade marks, by Nimms. *Univ. of Pa. Law Rev.* 78:3:455-59. (2750)

Present day law schools in the United States and Canada, by Reed. *Cornell Law Qt.* 15:1:161-64. (1700)

GOBLE, G. W.

(2) Original reviews (continued)

Famous speeches by eminent statesmen, by Hicks. *Ill. Law Rev.* 24:8:
957-58. (550)

(3) Articles:

Effect of the registration of trade marks. *Ibid.* 24:4:474-80. (3300)

GOLDBERG, BENJAMIN

(3) Articles:

A unified plan of tuberculosis control. *Amer. Rev. of Tuberculosis.* 19:6:15.
(5900)

Activity rather than passivity (a modified specialized sanatorium regimen).
Trans. Nat. Tuberculosis Assoc., 1929; and *Hosp. Soc. Service*, N. Y.
21:3:8. (3500)

The diagnosis of pulmonary tuberculosis. *Clin. Med. and Surg.* 36:7:4.
(2400)

Uses and limitations of sanatoriums for the tuberculous. *J. A. M. A.*
93:4. (3250)

An apparatus for mass treatment of children with ultraviolet rays. *Ibid.*
93:2; *Brit. J. of Actinotherapy*, 4:10:2. (1200)

Newer methods in tuberculosis therapy. *Ann. of Int. Med.* 3:9:7. (3700)

Present needs in tuberculosis control. *New Eng. J. Med.* 202:16:7. (4700)

Eleven years progress. *Chicago Munic. Tuberculosis San. Bul.* 9:5-6:36.
(15,000)

Early diagnosis. *Ibid.* 9:7-8-9:41. (19,500)

Heliotherapy. *Ibid.* 10:1-2-3:36. (18,500)

with Smithies, Frank

Tuberculous enterocolitis. *Ibid.* 9:10-11-12:48. (22,000)

GOLDWASSER, MOSES

(3) Articles:

Die Oberflächenaktiven Stoffe des Blutes. *Zeitschrift für die gesamte
experimentelle Medicin.* 67:5-6:763-71. (1500)

GOODMAN, J. B.

(3) Articles:

with Krase, N. W.

Vapor pressure of toluene up to the critical temperature. *Ind. and Eng.
Chem.* 22:1:13. (750)

with Krase, N. W.

Behavior of carbon dioxide under pressure. *Chem. and Met. Eng.* 36:3:
162-63. (1500)

GOTSHALK, D. W.

(1) Book notices:

VanMeter Ames, the aesthetics of the novel. *Phil. Rev.* XXXVIII:5:
501-4. (1500)

(3) Articles:

Qualities, relations, and a paradox of judgment. *J. Phil.* XXVI:24:645-57.
(5500)

McTaggart on time. *Mind.* XXXIX:NS153:26-43. (8000)

Causality as an ontological relation. *Monist.* XL:2:231-56. (8500)

GRAHAM, ROBERT
see Thorp, Frank, Jr.

GRAHAM, W. J.

(1) Book notices:

John Gay's London, by William Henry Irving. J. of Engl. and Germ. Philol. 28:4:573-74. (4800)

(4) Books:

The best of Tennyson, with introduction and notes. Thomas Nelson and Sons, N. Y. 1930. xxx + 640 pp.

GREEN, FREDERICK

(3) Articles:

Constitutional law; waiver of indictment; election to be tried on information. Ill. Law Rev. 24:3:319-25. (2700)

GRIFFITH, C. R.

(1) Book notices:

Coghill: Anatomy and the problem of behavior. Biol. Abst. 4:5:1585. (500)

Boring: A history of experimental psychology. Greenville Coll. Qt. 21:4:11-16. (2000)

(2) Original reviews:

Vestibular sensations and the mechanisms of balance. Psych. Bul. 26: 549-65. (7000)

(3) Articles:

Mental stance. Athletic J. 9:7:24-27. (3000)

Recent changes in basketball tactics from the point of view of psychology. *Ibid.* 9:8:42-44. (4000)

An experimental study of errors in basket shooting. *Ibid.* 10:9:24-27. (4000)

Some experiments in basketball. *Ibid.* 10:10:31-34. (6000)

An experimental study of the sleep of athletes. Trans. Ill. State Acad. Sci. 22:654-57. (1500)

Does the coach have a profession? Proc. of the H. S. Conf. 26:17:305-9. (4500)

An experimental study of the nature of sleep. Proc. 9th Internat. Cong. Psych. pp. 193-94. (500)

Experimental studies on fitness. *Ibid.* pp. 194-95. (500)

Measuring reaction time to muscular load. *Ibid.* pp. 195-96. (500)

Experimental studies on the function of plateaus in learning. *Ibid.* pp. 196-97. (600)

with Corey, S. M.

The relation between exercise and learning. *Ibid.* pp. 198-99. (600)

Studies in the psychology of athletics. J. Health and Phys. Educ. 1:3: 9-12. (4000)

Creating Athletes. Henry Suder Club Bul. Mar., 1930. (1500)

GUTTMAN, M. R.

(3) Articles:

Primary carcinoma of tympano mastoid. Ill. Med. J. LVI:2:150-52. (650)

Barbituric hypnotics in rhinogenic cocaine intoxication. *Ibid.* LVI:1: 59-62. (1000)

GUTTMAN, M. R.

(3) Articles (continued)

Determination of the pathogenic tonsil. *Ibid.* LVII:5:352-55. (800)

Alleviation of pain in peritonsillar abscess—a new method. *Arch. of Otolar.* XI:4:426-29. (800)

with Guttman, J. R.

Tribromethylalcohol (Avertin) anesthesia in electrologic surgery of the head and neck. *Arch. of Phys. Therapy, X-Ray and Radium.* XI:3:120-22. (400)

HAGUE, STELLA M.

(3) Articles:

Illinois mosses. *Trans. Ill. State Acad. Sci.* 22:220-49.

HALPERN, L. J.

(3) Articles:

Typhoid fever in children: a study of sixty-seven cases. Reprinted from *Amer. J. Dis. of Children.* 38:10-15. (2500)

Phelitis in Infancy. Reprinted from *Clin. Med. and Surg.* June, 1929. (1800)

HAM, C. W.

(3) Articles:

Some present day trends in machine design. *Technograph.* Jan., 1930. pp. 63-64. (2500)

(4) Books:

The mechanical engineers' handbook, ed. Lionel S. Marks. Section on: Pipe and pipe fittings. McGraw-Hill, N. Y. 1930. pp. 1007-64.

HAMILTON, T. S.

(3) Articles:

with Mitchell, H. H.

Swine type studies. III. The energy and protein requirements of growing swine and the utilization of feed energy in growth. *U. of Ill. Agr. Exp. Sta. Bul.* 323:493-600.

HANSEN, M. L.

(1) Book notices:

Otto Dannehl Carl Schurz: ein Deutscher Kämpfer. *Amer. Hist. Rev.* XXXV:2:425-26. (350)

Gunnar J. Malmin (ed.) America in the Forties: the letters of Ole Munch Raeder. *Ibid.* XXXV:3:676-77. (400)

(3) Articles:

The second colonization of New England. *New Eng. Qt.* II:4:539-60. (6000)

HARNO, A. J.

(2) Original reviews:

From the physical to the social sciences, by Jacques Rueff. *Ill. Law Rev.* 24:8:938-39. (800)

Questioned documents, by Albert S. Osborn. *Ibid.* 24:7:842-43. (700)

HARNO, A. J. (continued)

(3) Articles:

Editorial: Unwarranted censure of attorney by court. *Ibid.* 24:2:220-22.
(700)

Editorial: Appreciation of Dean Henry Craig Jones. *Iowa Law Rev.*
15:1:7. (200)

(4) Books:

Illinois Crime Survey: The supreme court in felony cases. Ill. Assoc. for
Crim. Justice, Chicago, 1929. 79 pp.

Experience with paroles 1917-1927. *Ibid.* 1929. 21 pp.

The probation system. *Ibid.* 1929. 33 pp.

HASSIN, G. B.

(1) Book notices:

A. A. Bogomoletz: Arterial hypertension, Moscow, U.S.S.R. Government
Medical Publication, 1929. J. A. M. A. 94:1:57. (280)

A. J. Heymanovich: The Ukraina Psychoneurological Institute for five
years (1921-1926) Kharkov, 1929, U.S.S.R. *Ibid.* 94:1:658-89. (700)

J. Wilh. Hultkranz: Gehirnpräparation mittels Zerfaserung: Anleitung
zum makroskopischen Studium des Gehirns, Berlin, Julius Springer,
1929. *Ibid.* 94:110. (280)

N. Kabanov: Mechanism of psychic life. Introduction to the study of
physiologic psychology, Moscow. *Ibid.* 94:3. (170)

(3) Articles:

Clinical pathological studies in amaurotic family idiocy. *Amer. J. Psychiat.*
8:6:969-75.

The nerve supply of cerebral blood vessels. *Arch. of Neurol. and Psychiat.*
22:8:375-91.

Villi (pacchionian bodies) of the spinal arachnoid. *Ibid.* 23:1:65-79.

with Geiger, J. C.

Postvaccinal (cowpox) encephalitis; a clinicopathologic report of a case.
Ibid. 23:3:481.

with Bassoe, Peter

Disseminated sarcomatosis (melanoblastoma?) of the central nervous
system and the meninges: report of a case. *Ibid.* 21:5:1087-1102.

with Burstein, H. J., and Stenn, A.

Stereotyped acts or attitude tics? *J. Nerv. and Ment. Dis.* 71:1:27-32.

with Anderson, J. B.

Cyst of the third ventricle. *U. S. Veterans' Bur. Med. Bul.* 6:1:56-61.

HASWELL, R. E.

(1) Book notices:

Illini Poetry, 1922-30, edited by P. N. Landis. *Daily Illini.* LVIV:20:1, 4.
(2500)

HAYES, W. P.

(3) Articles:

with McColloch, J. W.

The problem of controlling soil infesting insects. *Trans. 4th Internat.*
Cong. of Entom. 2:306-15. (2500)

J. W. McColloch—Obituary. *Ann. Entom. Soc. of Amer.* 23:1:195-96.
(400)

HECTORNE, R. L.

see Thorp, Frank, Jr.

HERROLD, R. D.

(3) Articles:

The treatment of acute complications of gonococcus and post gonococcus infections with calcium gluconate. *Ven. Dis. Inf.* XI:2:1-8. (2600)
with Traut, E. F.

A simple method of making cultures of the rectum. *J. Infect. Dis.* 45:3:172-74. (400)

with Traut, E. F.

The influenza epidemic of 1928: A study of its bacteriology. *Arch. of Int. Med.* 45:Mar.:412-19. (2500)

HESS, J. H.

(3) Articles:

with Bettman, R. B.

Diaphragmatic hernia in an infant with operation and recovery. *J. A. M. A.* 92:June, 1929:2014. (5000)

with Chamberlain, I. M.

Premature infants. A report of 761 consecutive cases. *Pa. Med. J.* Apr., 1930. (16,000)

(4) Books:

Feeding and nutritional disorders in infancy and childhood. Rev. 6th ed.
F. A. Davis Co., Phila. 1930. 566 pp.

HETLER, ROSSLEENE A.

(3) Articles:

with Meyer, Clara R.

The distribution of vitamin A in some corn. *J. Agr. Res.* 39:10:767-80. (5000)

with Hussemann, D., and Plant, M.

The vitamin B requirement for lactation. *J. Home Econ.* 21:10:777. (500)

with Meyer, Clara R.

The vitamin B complex of oats. *Ibid.* 21:10:777-78. (200)

with Pickens, Louise M.

The effect of grape juice on nitrogen retention and urinary acidity. *Ibid.* 22:1:44-48. (1000)

HIGGINSON, G. D.

(3) Articles:

The after-effects of certain emotional situations upon maze learning among white rats. *J. Comp. Psych.* X:1:1-10. (5000)

The effects of rotation upon the behavior of the rat in the maze. *Ibid.* X:4:1-20. (10,000)

(4) Books:

Manual of experimental psychology. Coll. Pub. Co., Champaign, Ill. 1929. 180 pp.

Exercises in introductory psychology. Coll. Pub. Co., Champaign, Ill. 1929. 80 pp.

HILLER, E. T.

(3) Articles:

The sociology of E. C. Hayes. *J. of Sociol. and Soc. Res.* XIV:3:203-10. (2000)

Some trends in rural social life. *Proc. of the H. S. Conf., U. of Ill. Bul.* XXVII. (1900)

HIRSCH, E. W.

(3) Articles:

History of suprapubic prostatectomy. *Med. J. and Rec.* 130:4:216-18. (1500)

Cause of urinary retention without prostatectomy. *Ill. Med. J.* 66:3:203-5. (500)

Bladder neck bar. *Amer. J. of Surg.* 7:1:117-19. (500)

Ejaculatio praecox. *Urologic and Cutaneous Rev.* 34:4:236-39. (1500)

HOBART, M. H.

(3) Articles:

Fracture of sesamoid bone of foot, with report of a case. *J. of Bone and Joint Surg.* XI:2:298-302. (1250)

HOELSCHER, R. P.

(4) Books:

The teaching of mechanical drawing. John Wiley and Sons, Inc., N. Y. 1929. vii + 223 pp.

HOLLOWELL, E. A.

(3) Articles:

Influence of atmospheric and soil moisture upon seed setting in red clover. *J. Agr. Res.* 39:4:229-47. (6825)

HOLT, H. W.

(1) Book notices:

Masterson: Jurisdiction in marginal seas. *Ill. Law. Rev.* 24:2:2. (820)

Wigmore: A panorama of the world's legal systems; and A map of the world's law. *Ibid.* 24:4. (700)

HOPKINS, B. S.

see Selwood, P. W.

HOTTES, C. F.

(3) Articles:

with Wilson, H. K.

Resistance of wheat to high temperatures under different methods of heating. *J. Amer. Soc. Agron.* 22:2:108-12. (1750)

HOWARD, F. C.

(3) Articles:

with Dunn, E. T.

Crystalline changes in copper due to annealing. *Ind. and Eng. Chem.* 21:550-53. (1500)

HOWARD, W. V.

(1) Book notices:

Function of natural gas in the production of oil, by H. C. Miller. *Econ. Geol.* XXIV:7:780-81. (550)

Oil: its conservation and waste, by James H. Westcott. *Ibid.* XXIV:5:564. (150)

The Kevin-Sunburst and other oil and gas fields of the sweetgrass arch, by Eugene S. Perry. *Bul. Amer. Assoc. Petrol. Geol.* 13:6:691. (200)

300 reviews of articles on the geology of petroleum. *Annot. Bibliog. of Econ. Geol.* 1:1 and 2. (20,000)

35 reviews of articles on the geology of petroleum. *Ibid.* 2:1. (2400)

(3) Articles:

Limestones as reservoir rocks. *Bul. Amer. Petrol. Inst.* 10:55:14-15. (500)

HULL, T. G.

(3) Articles:

with Garwood, C. A., and Hall, N.

Reliability of the gonococcus fixation test. *J. Lab. and Clin. Med.* 15:66-71. (2500)

with Arnold, L.

The role of the food vehicle in food poisoning. *Amer. J. Public Health.* 20:287-90. (1000)

with Arnold, L., Gustafson, C. I., Montgomery, B. E., and Singer, C.

The self-disinfecting power of the skin as a defense mechanism against invasion. *Amer. J. Hyg.* 11:2:345-61. (6500)

(4) Books:

Diseases transmitted from animals to man. Thomas, Springfield, Ill. 1930. xxv + 350 pp.

HUNTER, M. H.

(1) Book notices:

Abstracts on taxation. *Soc. Sci. Abst.* 2:1-4. (8000)

(2) Original reviews:

Federal income and estate tax laws, by Barton and Browning. *Ill. Law Rev.* XXIV:8:953-54. (350)

(3) Articles:

Taxation of commercial motor vehicles. *Proc. Nat. Tax Assoc.* 1929. pp. 467-80. (5000)

The attractions of economics to the graduate student. *Soc. Sci.* 4:4:477-82. (2200)

Federal, state and local finances. *Amer. Yr. Bk.* 1929. (9000)

Who finally pays the taxes. *Barron's.* 9:34:5 ff. (3500)

(4) Books:

Bul., National Tax Association, editor, October to June. *Nat. Tax Assoc.*, N. Y. 1929-30. 128 pp.

HUNTINGTON, W. C.

(4) Books:

Building construction. John Wiley and Sons, Inc., N. Y. 1929. viii + 596 pp.

HURSH, R. K.

(3) Articles:

A laboratory slagging test for boiler furnace refractories. *Trans. A. S. M. E.* 51:22:339-45. (6000)

Sulphur gases and dryer scumming. *Proc. N. B. M. A., Bul.* 105. pp. 27-35; *Brick and Clay Rec.* 75:13:810-12. (2400)

Relative humidity and moisture content of air. *Proc. N. B. M. A., Bul.* 106. pp. 36-45. (1600)

Heat and air requirements for drying clay products. *Brick and Clay Rec.* 75:12:753-55. (2000)

with Hazen, E. J.

Dryer tests at the Bohnsack Brick Co. *Proc. N. B. M. A., Bul.* 104. pp. 47-63; *Brick and Clay Rec.* 75:5:292-302; *The Clay Worker.* 92:1:117. (4000)

HUSSEMAN, D.

see Hetler, R. A.

JAMES, W. A.

see Thorp, Frank, Jr.

JEFFERSON, B. L.

(3) Articles:

Rural lass and Tam Glen. *London Times Lit. Sup.* 1453:p. 1032. (300)

(4) Books:

Essays and essay writing. Thomas Nelson and Sons, N. Y. 1929. ii + 425 pp.

with Landis, P. N., Secord, A. W., and Ernst, J. E.

Literary studies for freshman rhetoric. Thomas Nelson and Sons, N. Y. 1929. iii + 717 pp.

JOANNIDES, MINAS

(3) Articles:

Influence of diaphragm on esophagus and stomach. *Arch. of Int. Med.* 44:856-61.

with Freilich, H. H.

Mechanism of D'Espine sign; its significance in tracheobronchial gland tuberculosis. *Ill. Med. J.* 56:193-94.

see also Olkon, D. M.

JOHNSON, C. A.

(3) Articles:

with Rappaport, B. Z.

Fractionation of pollen proteins and their skin reactions on sensitive individuals. *Proc. Soc. for Exper. Biol. and Med.* 26:9:771-72. (1000)

JOHNSON, SVEINBJORN

(1) Book notices:

Rights of minority stock and railway security holders, by Harvey. *Va. Law Rev.* XVI:3. (700)

JOHNSON, SVEINBJORN (continued)

(3) Articles:

Military training in the Land Grant Colleges: Is it optional or mandatory?
Ill. Law Rev. XXIV:3:271-95. (7000)

JOHNSTONE, H. F.

(3) Articles:

An electrical method for the determination of the dew point of flue gases.
U. of Ill. Eng. Exp. Sta. Bul. 27:13:1-22. (4000)
with Taylor, Edmund
Determination of the sulfur content of gases from boiler furnaces. Ind. and
Eng. Chem., Anal. Ed. 1:4:197-200. (1500)

JONES, H. S. V.

(1) Book notices:

Mittelenglisches Lesebuch für von Dr. Karl Brunner u. Dr. Rudolf Hitt-
mair. J. of Engl. and Germ. Philol. XXVIII:4:549-50. (500)
Havelok mit Einleitung, Glossar, und Anmerkungen. Von F. Holthausen.
Ibid. XXVIII:4:592-93. (400)

(2) Original reviews:

Geoffrey Chaucers Kleinere Dichtungen, nebst Einleitung, Lesarten,
Anmerkungen u. s. w. Von John Koch. *Ibid.* XXVIII:3:417-21. (2000)

KAMMLADE, W. G.

(3) Articles:

Some comparisons of methods of fattening western lambs. U. of Ill. Agr.
Exp. Sta. Bul. 338:1-20. (10,000)
with Pilchard, E. I.
A manual for sheep club members. U. of Ill. Agr. Exp. Sta. Circ. 351:1-48.
(20,000)

(4) Books:

with Coffey, W. C.
Productive sheep husbandry. J. B. Lippincott Co., Phila. 1929. xxxii +
479 pp.

KEETON, R. W.

(3) Articles:

with Saunders, W. B.
Objects and methods of treating pneumonia. Ann. Int. Med. Sept., 1929.
pp. 363-74. (3485)
with Mackenzie, Helen
Principles underlying the calculation of flexible diabetic and ketogenic
diets. *Ibid.* Dec., 1929. 3:6:546-56. (3285)
with Nelson, Esther
The vomiting mechanism in early toxemias of pregnancy. Med. Clin. of
N. Amer. Mar., 1930. pp. 1135-47. (3890)

KELLEY, V. W.

(3) Articles:

A comparison of the transpiration rates of twenty-one deciduous fruit species.
U. of Ill. Agr. Exp. Sta. Bul. 341:95-116. (9000)

KELLEY, V. W.

(3) Articles (continued)

Fertilizing the apple orchard. Trans. Ill. State Hort. Soc. pp. 303-10.

(3600)

with Ruth, W. A.

Methods of heading young apple trees and the importance of this problem.

Ibid. pp. 208-17. (4000)

KELSO, RUTH

(4) Books:

The doctrine of the English gentleman in the sixteenth century. U. of Ill. Studies in Lang. and Lit., Urbana, Ill. 1929. 279 pp.

KETCHUM, M. S.

(3) Articles:

Structural engineering. Amer. Yr. Bk. 1929. pp. 583-90. (5000)

KEYES, D. B.

(1) Book notices:

Catalytic processes in applied chemistry, by T. P. Hilditch. Chem. and Met. Eng. 36:10:622. (200)

(3) Articles:

How new chemical products are invented. J. Chem. Educ. 6:12:2178-80. (600)

The manufacture of anhydrous ethyl alcohol. Ind. and Eng. Chem. 21:11:998-99. (2000)

Equipment for gas-liquid reactions. U. of Ill. Bul. 27:7. Eng. Exp. Sta. Circ. 19. (3000)

with King, E. P., and Swann, Sherlock, Jr.

Studies in liquid partial oxidation. I. Ind. and Eng. Chem. 21:12:1227-29. (3000)

with Swann, Sherlock, Jr.

Studies in the electrodeposition of metals. *Ibid.* 27:33. Eng. Exp. Sta. Circ. 206. (4000)

KIENHOLZ, A. R.

(3) Articles:

On the occurrence of rock-like clinkers in burning snags. J. Forestry. XXVII:5:527-31. (1800)

KINLEY, DAVID

(3) Articles:

Baccalaureate address. U. of Ill. Bul. XXVII:22:1-11.

Illinois. Encyc. Brit., 14th Ed. XII:85-93.

University of Illinois. Do. XII:93-94.

Greetings on behalf of the state universities. Univ. Rec., Chicago. XVI:1:5-6.

Official greetings from universities of the United States. Centen. Celebration of Found. Ill. Coll. pp. 150-53.

How should universities prepare their students for civil life? Havana, Carasa Y ca. 1930. 23 pp. (International Congress of Universities.) Also printed in Spanish.

KINLEY, DAVID (continued)

(4) Books:

President's report, 1928-29. U. of Ill. Bul. XXVII:28. Univ. of Ill. Press, Urbana. 1930. 150 pp.

KNEER, L. P.

see Burge, W. E.

KNIGHT, A. R.

(3) Articles:

Engineering education. J. Soc. for Promotion of Eng. Educ. XX:7:702-5. (1500)

KNIPP, C. T.

(3) Articles:

with Ludolph, P. C.

High vacuum technique. J. Optical Soc. Amer. 19:3:152-57. (1600)

with Scheuerman, L. E.

On the "flash" in the after-glow of the electrodeless discharge with change of pressure. Phil. Mag. 8:274:684-89. (2200)

with Sparks, F. M.

Change of spacing of positive column striations with temperatures. Phys. Rev. 35 II:3:259-60. (800)

KOBAK, A. J.

(1) Book notices:

Surgical and medical gynecological technique, by T. H. Cherry. Arch. of Phys. Therapy, X-Ray, Radium. XI:1:30. (200)

KOEHLER, BENJAMIN

(3) Articles:

Development of corn ear rot from pure-culture inoculation. Phytopathology. 20:1:118. (500)

KOLLER, A. H.

(4) Books:

The foundations of Jewish ethics, being Vol. 1 of the Teachings of Judaism from the Sources compiled by Simon Bernfeld. A translation. The Macmillan Co., N. Y. 1929. 265 pp.

KONZO, SEICHI

(3) Articles:

with Willard, A. C., Kratz, A. P., and Fahnestock, M. K.

Investigation of heating rooms with direct steam radiators equipped with enclosures and shields. U. of Ill. Eng. Exp. Sta. Bul. 192:1-69. (11,000)

with Moore, H. F.

A study of the ikeda short-time (electrical resistance) test for fatigue strength of metals. U. of Ill. Eng. Exp. Sta. Bul. 205:1-31. (4800)

KORDENAT, R. A.

(3) Articles:

The relation of blood transfusion to the disturbance of blood clot formation. The Mil. Surgeon. 66:2:206-14. (2000)

KORDENAT, R. A.

(3) Articles (continued)

A paraffined tube and needle method of transfusing whole blood. *Ibid.* 66:3:376-78. (1000)

Transfusion of whole blood in the treatment of acute hemolytic streptococcic septicemia. *Ill. Med. J.* Feb., 1930. (5000)

KRASE, N. W.

(3) Articles:

with Mackey, B. H.

The specific heats of gases at high pressures: 1. Method and apparatus at room temperature. *J. A. C. S.* 52:1:108-15. (4000)

with Goodman, J. B.

Vapor pressure of toluene up to the critical temperature. *Ind. and Eng. Chem.* 22:1:13-14. (750)

see also Goodman, J. B.

KRATZ, A. P.

(3) Articles:

Heat insulation for buildings. *Ill. Mast. Plumb.* 14:1:16-17. (1500)

with Willard, A. C.

Wall surface temperatures. *A. S. H. V. E., J. Heat., Piping, and Air Cond.* 2:4:335-40. (3000)

with Quereau, J. F.

Analysis of the overall efficiency of a residence heated by warm air. *Ibid.* 1:2:133-38. (3000)

with Willard, A. C.

Friction losses and observed stated pressures in a domestic fan furnace heating system. *Ibid.* 1:8:683-87. (2500)

with Willard, A. C., Fahnestock, M. K., and Konzo, S.

Investigation of heating rooms with direct steam radiators equipped with enclosures and shields. *U. of Ill. Eng. Exp. Sta. Bul.* 192. 26:42:1-70. (15,000)

KUDO, R. R.

(1) Book notices:

Whither mankind, by C. A. Beard. *J. Silk Ind.* 41:432:804. (400)

Concerning man's origin, by Sir A. Keith. *Ibid.* 41:435:1155. (500)

The Bureau of Biological Survey, by J. Camerons. *J. Sci. Agr. Soc., Tokio.* 321:414. (500)

Structure des muscles striés, by R. Lutembacker. *J. Zool. Soc., Japan.* 41:492:466. (300)

Our face from fish to man, by W. K. Gregory. *Ibid.* p. 466. (500)

Hunting under the microscope, by A. E. Shipley. *Ibid.* 486:196-97. (600)

On the dysenteries of India, by H. W. Acton and R. Knowles. *Tokio Med. News.* 2643:51. (500)

Studies in malaria, by Ronald Ross. *Ibid.* 2651:28. (500)

Filterable viruses, by T. M. Rivers. *Ibid.* p. 29. (400)

A manual of external parasites, by H. E. Ewing. *Ibid.* 2660:38. (500)

Human helminthology, by E. C. Faust. *Ibid.* p. 38. (600)

KUDO, R. R. (continued)

(2) Original reviews:

The history of biology, by E. Nordenskiöld. J. Zool. Soc., Japan. 41:486: 195-96. (1000)

Die cytologischen Grundlagen der Vererbungslehre, by K. Bélar. *Ibid.* p. 196. (500)

Précis de Parasitologie, by E. Brumpt (4th ed.). Tokio Med. News. 2635: 29. (700)

Animal parasitology, by R. Hegner, etc. *Ibid.* 2637:38. (700)

Protozoology, by J. G. Thomson and A. Robertson. *Ibid.* p. 38. (900)

Special cytology, by E. V. Cowdry. *Ibid.* 2643:51. (600)

Handbook of microscopical technique, by C. E. McClung. *Ibid.* p. 51. (800)

Manson's tropical diseases, by Manson-Bahr. *Ibid.* p. 51. (600)

(3) Articles:

Studies on microsporidia parasitic in mosquitoes. VII. Notes on microsporidia of some Indian mosquitoes. Arch. f. Protistenkunde. 67: 1-10. (3700)

Studies on microsporidia parasitic in mosquitoes. VIII. On a microsporidian, *Nosema aedis* nov. spec., parasitic in a larva of *Aedes aegypti* of Porto Rico. *Ibid.* 69:23-38. (5000)

(4) Books:

How to publish scientific papers. Maruyama-Sha, Tokio. 1929. 185 pp.

Unfathomed Japan. Translation. Maruyama-Sha, Tokio. 1929. 305 pp.

KUNZ, JAKOB

(3) Articles:

Ein Diagramm der physikalischen Eigenschaften der Kristalle. Physikalische Zeitschrift. 30:463.

Bewegung von Licht und Materie im Gravitationsfeld. *Ibid.* 31:83.
with Shelford, V. E.

Use of photoelectric cells for light measurement in ecological work. Ecology. X:298.

Der anomale Zeeman Effekt, das Experiment von Stern-Gerlach und das Magnetron. Zeitschrift zum 60 Geburtstag von A. Sommerfeld. 1929.
with Bachem, A.

The transmission of ultraviolet light through the human skin. Arch. of Phys. Therapy, X-Ray, Radium. X:50.
with Shelford, V. E.

Forms of gas filled photoelectric cells, their properties and calibration. Rev. Sci. Instruments. 1:106.

see also Tykociner, J. T.

LANDIS, P. N

(4) Books:

with Entwistle, A. R.

The study of poetry. Thomas Nelson and Sons, N. Y. 1929. vi + 306 pp.

Four famous Greek plays. Edited. Modern Library, N. Y. 1929. xviii + 285 pp.

Illini poetry 1924-1929. Edited. Univ. of Ill. Supply Store, Champaign, Ill. 1929. ii + 123 pp.

LANDIS, P. N.

(4) Books (continued)

with Jefferson, B. L., Secord, A. W., and Ernst, J. E.

Literary studies for freshman composition. Thomas Nelson and Sons, N. Y. 1929. iii + 717 pp.

LARSON, L. M.

(1) Book notices:

The laws of the earliest kings of England, by Robertson, A. G. J. of Engl. and Germ. Philol. 29:1:135-36. (500)

(3) Articles:

Witnesses and oath-helpers in old Norwegian law. Haskins Anniversary Essays. pp. 133-56. (10,000)

LASH, A. F.

(3) Articles:

The active immunization of pregnant and puerperal women with streptococcal toxins against streptococcal puerperal fever. Amer. J. Obstet. and Gyn. XVIII:5:639-55. (8000)

LAWSON, B. C.

(3) Articles:

Objectives again. Amer. Voc. Assoc. News Bul. 1929. IV:III:2. (800)

Our leadership in agricultural education. Agr. Educ. II:II:29. (1000)

LEE, F. E.

(3) Articles:

British banks go into business. Amer. Bank. Assoc. J. XXII:5. (3300)

Five banks with 8,000 branches. *Ibid.* XXII:10:957-58, 1012. (3400)

British first-quarter capital issues reach £114,000,000. Com. Rpts. May 6, 1929. (800)

British bank advances reach record level. *Ibid.* May 13, 1929. (600)

British quarterly budget returns. *Ibid.* Aug. 19, 1929. (2000)

British foreign trade shows little change during first half-year. *Ibid.* Sept. 2, 1930. (2500)

(4) Books:

Banking and trade financing in the United Kingdom. Gov't. Print. Ofc., Washington. Aug., 1929. ii + 32 pp.

Four signed chapters in "United Kingdom: Industrial, Commercial and Financial Handbook." Chs. II, XX, XXIII, and XXIV. Gov't Print. Ofc., Washington. 1930. 100 pp.

LEHMANN, E. W.

(3) Articles:

A farm machinery project—reclaiming or junking unused equipment. Better Farm Meth. and Equip. 2:6:8, 42. (600)

The Illinois plan for extending complete electric service to farmers. Elec. on the Farm. May, 1929, Dealers' Ed. pp. 7-8. (1065)

Determining the potential electric farm load. *Ibid.* Dec., 1929. pp. 5-10. (3000)

Stationary spraying in the middle west. *Ibid.* Apr., 1930. pp. 2-3-4. (1075)

LEHMANN, E. W.

(3) Articles (continued)

Fuel gas from corn stalks. *Country Gent.* Apr., 1930. (500)

Electric power from the wind. *Successful Farming.* Oct., 1929. pp. 18, 98.
(1620)

How electric power may be applied to farming. *Rur. Bus.* Oct., 1929.
pp. 35-38. (4300)

Seed corn testing. *Ibid.* Apr., 1929. pp. 25-31. (3000)

Muddy waters. *Capper's Farmer.* 41:2:5,40. (2000)

A septic tank for \$30. *Ibid.* 40:12:20. (800)

(4) Books:

with Kingsley, F. C.

Electric power for the farm. *U. of Ill. Bul.* 332. 1929. 104 pp.

LEITER, O. C.

(2) Original reviews:

Reporting of public affairs: review of "Reporting of Public Affairs" by
C. R. Bush. *Journ. Qt.* 6:2:11-12. (600)

(3) Articles:

The law and the press. *U. S. Pub.* 7:12:22. (2600)

LEVIN, I. M.

(1) Book notices:

Surgical diseases of children: a modern treatise on pediatric surgery, by
Samuel Walter Kelley. Vols. i and ii. 1929. *Surg., Gyn. and Ob-*
stet. L:4:782. (650)

(3) Articles:

Acute appendicitis; herpes zoster; angioneurotic edema. *Amer. J. Dis. of*
Children. 38:4:897. (600)

LEVINSON, S. A.

see Peterson, W. F.

LIBMAN, E. E.

see Bourgin, D. G.

LINSLEY, C. M.

(3) Articles:

with Bauer, F. C.

Test your soil for acidity. *U. of Ill. Agr. Exp. Sta. Circ.* 346:2-16. (3000)

LITMAN, SIMON

(1) Book notices:

Traffic capacity of the Panama Canal, by Harry Burgess. *Soc. Sci. Abst.*
2:2:235-36. (200)

Grundlagen des deutschen Flugverkehrs, by Blum. *Ibid.* 2:4:638-39. (210)

(2) Original reviews:

International trade, by F. W. Taussig. *Weltwirtschaftliches Arch.* 31:1:
75-77. (1250)

LITTLETON, A. C.

(1) Book notices:

Der betriebswirtschaftliche Gewinnbegriff in seiner historische Entwicklung,
by Franz Josef Dusemund (Stuttgart). *Acct. Rev.* IV:3:207. (400)

LITTLETON, A. C.

- (1) Book notices (continued)
Volkswirtschaftliches Wörterbuch, by Hereward T. Price (Berlin). *Ibid.* V:1:79-81. (700)
- (2) Original reviews:
Balance sheet theory and practice (accounting Congress papers). *Ibid.* IV:4:234-42. (5300)
Education for the profession (accounting Congress papers). *Ibid.* V:1:70-75. (4000)
- (3) Articles:
Value and price in accounting. *Ibid.* IV:3:147-55. (4500)
A symposium on appreciation (Ed.). *Ibid.* V:1:1-60. (21,000)
Chartered accountants for Germany (translation). C.P.A. IX:7:198. (900)
The fifth year of accounting. *Enterpriser.* 10:2:11-13. (2000)
see also Winakor, A. H. .

LLOYD, J. W.

- (3) Articles:
Directions for grading and packing Illinois peaches. U. of Ill. Agr. Exp. Sta. Circ. 343:1-8.
with Newell, H. M.
Observations on the refrigeration of some Illinois fruits in transit. U. of Ill. Agr. Exp. Sta. Bul. 334:509-44.
- (4) Books:
Productive vegetable growing. 6th Ed. Revised. J. B. Lippincott Co., Phila. 1930. lxxx + 343 pp.

LOCKLIN, D. P.

- (1) Book notices:
Railroad purchasing and the business cycle, by J. E. Partington. *Amer. Econ. Rev.* XX:1:105. (350)

LOHMANN, K. B.

- (3) Articles:
The design of public and semi public properties. *Parks and Rearea.* XIII:2. (1022)
Professional registration. *Land. Arch.* Jan., 1930. (730)

Low, A. A.

- (3) Articles:
Acute toxic (nonsuppurative) encephalitis in children. *Arch. of Neurol. and Psychiat.* 23:4:696-714. (7000)

LOWTHER, J. G.

see Polson, J. A.

LUDOLPH, P. C.

- (3) Articles:
with Knipp, C. T.
High vacuum technique—experimental study of effects of ionization on pump speeds. *J. Optical Soc. Amer. and Rev. of Sci. Instruments.* 19:3:152-57. (1000)

LUNDEBERG, O. K.

(3) Articles:

- Recent developments in audition-speech tests. *Mod. Lang. J.* XIV:3: 193-203. (4000)
Picaresque in the far north. *Scandinavian Studies.* X:7:208-10. (1000)
Impressions of the *Centro de Estudios Históricos*, 1929. *Hispania.* XIII:3: 243-47. (1500)
with Tharp, J. B. and Williams, C. A.
Lundeborg-Tharp Audition Test in German. Forms A and B. Tentative ed., Ohio State Univ. April, 1930.
with Tharp, J. B.
Lundeborg-Tharp Audition Test in Spanish. Forms A and B. Tentative ed., Ohio State Univ. April, 1930.

LUNT, H. A.

(3) Articles:

- The vertical distribution of soil bases and acidity in some Illinois soils. *Soil Sci.* 28:2:137-76. (35,000)

LYBYER, A. H.

(1) Book notices:

- Die Türkei seit dem Weltkriege: Geschichtskalender, 1918-1928, by Gotthard Jäschke and Erich Pritsch. *Amer. Hist. Rev.* 35:2:406-7. (300)
European financial control in the Ottoman Empire, by Donald C. Blaisdell. *Ibid.* 35:2:407-8. (550)
Contribution à la bibliographie de la musique turque au xx^e siècle, by Eugène Borrel. *Soc. Sci. Abst.* 1:7:758. (250)
Le mouvement de latinisation dans les républiques soviétiques musulmans et les pays voisins, by J. Castagné. *Ibid.* 1:7:759. (400)

(2) Original reviews:

- The rise of nationalist Turkey, reviewing *The Turkish Ordeal*, by Halide Edib. *Yale Rev.* 19:1:178-81. (1000)
European financial control of Turkey, reviewing *European Financial Control in the Ottoman Empire*, by Donald C. Blaisdell. *Cur. Hist. Mag.* 31:1:110-14. (1250)

(3) Articles:

- Oriental and near eastern relations of the United States. *Amer. Yr. Bk.* 1929. pp. 40-45. (3200)
The Italy-Vatican accord. *Ibid.* pp. 45-46. (1300)
Palestine twelve years after the Balfour declaration. *Foreign Notes*, Chicago Council For. Rela. 5:13:1-2. (2200)
Postponement of constitutional government for Syria. *Cur. Hist. Mag.* 30:2:349-50. (700)
Reorganization of the Zionist movement. *Ibid.* 30:5:954-55. (650)
Improved transportation in western Asia. *Ibid.* 30:5:955-58. (2000)
Britain moves to make Egypt independent. *Ibid.* 30:6:1169-71. (1500)
The conflict between Arabs and Jews in Palestine. *Ibid.* 31:1:190-95. (3000)
British plan for independence of Iraq. *Ibid.* 31:2:404-5. (1000)

LYBYER, A. H.

(3) Articles (continued)

Continued danger in Palestine. *Ibid.* 31:3:610-12. (1400)

Turkey and the Near East (12 monthly note articles). *Ibid.* 30:2-6;
31:1-6; 32:1. (17,300)

LYON, S. W.

see Alleman, N. J.

MCCULLOUGH, HELEN E.

(4) Books:

The textiles we buy and use. U. of Ill. Agr. Exp. Sta. Circ. 347. Urbana,
Ill. 1929. i + 90 pp.

McKELVEY, L. W.

(3) Articles:

How teachers may help students with application letters. C. S. Monitor.
XXI:154:16. (900)

Golden rule in letters. *Ibid.* XXI:197:17. (600)

Must all business letters be all business. Gas Appliance Mdse. II:1:1-2.
(2500)

MACKIN, J. G.

(3) Articles:

Studies on the Crustacea of Oklahoma. I. *Camptocercus oklahomensis*
N. Sp. Trans. Amer. Micros. Soc. XLIX:1:46-53. (3000)

MARKUS, H. C.

see Van Cleave, H. J.

MARSH, R. S.

(3) Articles:

Southern Illinois grower sets the pace. Fruits and Gardens. 28:4:4. (600)

Important production and marketing factors affecting the Illinois peach
industry. Trans. Ill. State Hort. Soc. 63:413-23. (1500)

(4) Books:

Pruning apple trees in Illinois. U. of Ill., Urbana, Ill. 1929. 16 pp.

MARVEL, C. S.

(2) Original reviews:

Anleitung zur organischen qualitative analyse, by H. Staudinger and W.
Frost. Ind. and Eng. Chem. 21:1151. (400)

(3) Articles:

Carbocyclic chemistry. An. Surv. Amer. Chem. 4:203-11. (6800)
with Howk, B. W.

Fatty acids of filter-press cake from spent soap lye. Ind. and Eng. Chem.
21:1137-38. (1000)

with Coffman, D. D.

The reaction between alkali metal alkyls and quaternary phosphonium
halides. J. A. C. S. 51:3496-3501. (2500)

with Scott, E. W., and Amstutz, K. L.

MARVEL, C. S.

(3) Articles (continued)

Identification of amines. V. Derivatives of Tertiary amines. *Ibid.* 51: 3638-3641. (1200)

with Littman, E. R.

Cyclic quaternary ammonium salts from halogenated aliphatic tertiary amines. *Ibid.* 52:287-94. (4000)

with Friedrich, M. E. P.

The reaction between alkali metal alkyls and quaternary arsonium compounds. *Ibid.* 52:376-84. (4200)

with Hussey, S. C., and Hager, F. D.

A new cyclic azoxy compound. *Ibid.* 52:1122-27. (3300)

with Berg, C. P., and Rose, W. C.

Tryptophane and growth. II. Growth upon a tryptophane-deficient basal diet supplemented with tryptophane derivative. *J. Biol. Chem.* 75:207-18. (3500)

Tryptophane and growth. III. 3-Indolepropionic acid and 3-Indolepyruvic acid as supplementing agents in diets deficient in tryptophane. *Ibid.* 75:219-31. (3500)

see also Rose, W. C.

(4) Books:

With Clarke, H. T., Adams, R., Conant, J. B., Gilman, H., Noller, C. R., and Whitmore, F. C.

Organic syntheses. Vol. X. John Wiley and Sons, Inc., N. Y. 1930. 118 pp.

MATHEWS, J. M.

(2) Original reviews:

Dimock's Congressional investigation committee. *Ill. Law Rev.* XXIV:8: 952-53. (500)

(3) Articles:

The United States and world affairs. *Amer. Yr. Bk.* 1929. pp. 31-36. (3500)

National and interstate relations of states. *Ibid.* 1929. pp. 90-91. (1000)

State government in 1929. *Ibid.* 1929. pp. 95-99. (3000)

METCALF, C. L.

(3) Articles:

with Colby, A. S.

The meadow grasshopper, *Orchelimum vulgare Harris*, a new raspberry pest. *J. Econ. Entom.* 23:1:97-108. (6000)

with Hockenyos, G. L.

The nature and formation of scale insect shells. *Trans. Ill. State Acad. Sci.* XXII:166-84. (6000)

MEYER, CLARA R.

(3) Articles:

with Hetler, Rossleene A.

The distribution of vitamin A in some corn-milling products. *J. Agr. Res.* 39:10:767-80. (5000)

MILLER, G. A.

(3) Articles:

- Automorphism commutators. *Proc. Nat. Acad. Sci.* 15:672. (1300)
On the number of cyclic subgroups of a group. *Ibid.* 15:728. (1600)
Non-abelian groups of odd prime power order which admit a maximal number of inverse correspondencies in an automorphism. *Ibid.* 15:859. (1800)
Groups which admit two-thirds automorphisms. *Ibid.* 16:86. (1200)
Non-abelian groups admitting more than half inverse correspondencies. *Ibid.* 16:168. (3000)
Groups generated by two given groups. *Ibid.* 16:305. (1800)
Determination of all the abstract groups of order 72. *Amer. J. Math.* 51:491. (2000)
Groups which admit automorphisms in which exactly three-fourths of the operators correspond to their inverses. *Amer. Math. Soc. Bul.* 35:559. (3000)
Inverse correspondencies in automorphisms of abelian groups. *Ibid.* 36:277. (1800)
Determination of all the groups of order 96. *Ann. Math.* 31:163. (3000)
Did John Napier invent logarithms? *Science.* 70:97. (500)
Large numbers used before the Christian era. *Ibid.* 70:282. (700)
Mathematics and the truth. *Ibid.* 70:608. (800)
Origin of our common positional arithmetic. *School and Soc.* 30:431. (1100)
Graphical methods and the history of mathematics. *Tohoku Math. J.* 31:292. (1500)
Mathematical deserts and some of their oases. *Sci. Mo.* 29:407. (1600)
On the history of mathematical ideas. *School, Sci., and Math.* 29:954. (2500)
Other side of mathematical statements in the new edition of the Britannica. *Ibid.* 30:295. (2200)
On the history of our common system of numerical notation. *J. Indian Math. Soc.* 18:121. (2000)

MILUM, V. G.

(3) Articles:

- The proper temperature for wintering of bees. *Rpt. State Apiarist of Iowa,* 1928. pp. 64-72; *Trans. Iowa State Hort. Soc.* 63:333-41. (5000)
Temperature relations of honeybees in winter. *Ill. State Beekeepers' Assoc. An. Rpt.* 28:98-130. (16,000)
Further notes on spray poisoning. *Amer. Bee J.* 70:176-78. (2600)
Variations in time of development of the honeybee. *J. Econ. Entom.* 23:440-47.

(4) Books:

- Twenty-eighth Annual Report Illinois State Beekeepers' Association, editor. Champaign, Ill. 191 pp.
Illinois State Beekeepers' Association Monthly Bulletin, editor. Champaign, Ill. Vol. 8, 44 pp. Vol. 9, 16 pp.

MITCHELL, H. H.

(3) Articles:

with Beadles, Jessie R.

The paired-feeding method in nutrition experiments and its application to the problem of cystine deficiencies in food proteins. *J. Nutr.* 11:3: 225-43. (7920)

with Hamilton, T. S.

Swine type studies. III. The energy and protein requirements of growing swine and the utilization of feed energy in growth. *U. of Ill. Agr. Exp. Sta. Bul.* 323:493-600. (58,257)

MOHR, C. O.

(3) Articles:

Morphological comparisons of coprinae, aphodinae, and geotrupinae, (coleoptera scarabidae). *Trans. Ill. State Acad. Sci.* XXII:263-84. (10,780)

MOHR, G. J.

(3) Articles:

with Gundlach, R. H.

A further study of the relation between physique and performance in criminals. *J. Abnormal and Soc. Psych.* XXIV:1:91-103.

MONACK, A. J.

(3) Articles:

with Parmelee, C. W.

Devitrification of glass: (1) relative stabilities of different glasses; (2) time-temperature curves of visible devitrification; (3) proposed classification of glasses. *Trans. J. Soc. Glass. Tech.* 13:52:323-36. (4200)

MONROE, W. S.

(3) Articles:

Difficulties in educational research. *Ohio State Univ. Educ. Res. Bul.* pp. 1-6. (2400)

The effect of participation in extra-curricular activities on scholarship in high school. *School Rev.* 37:747-52. (2300)

A determining factor in American life. *J. Nat. Educ. Assoc.* 18:229. (545)

with Engelhart, M. D.

Experimental research in education. *U. of Ill. Bul.* 27:32:1-105. *Bur. of Ed. Res. Bul.* 27:48. (47,500)

(4) Books:

with DeVoss, J. C., and Reagan, G. W.

Educational psychology. Doubleday, Doran and Co., Inc., Garden City, N. Y. 1930. iv + 607 pp.

MOORE, H. F.

(1) Book notices:

Der Einfluss von Oberflächenbeschädigungen auf die Biegungs-schwingungsfestigkeit, by W. Zander. *Iron Age.* 124:79:1242. (250)

(3) Articles:

Fatigue tests of welded drums and shells. *Ibid.* 124:10:42-52. (3500)

MOORE, H. F.

(3) Articles (continued)

A year's progress in heat treating. *Ibid.* 124:9:517-18. (800)

The development of the science of materials. Papers of Tokyo Eng. Cong. 323:1-10. (4500)

Materials in machine construction. Mech. Eng. 51:10:739-43. (4500)

Teaching materials of construction. J. Eng. Educ. XX:5:571-79. (3000)

(4) Books:

American Civil Engineers' handbook, 5th ed., Section 7. Materials of construction. John Wiley and Sons, Inc., N. Y. 1930. 163 pp.

with Lyon, S. W., and Alleman, N. J.

A study of fatigue cracks in car axles, part II. U. of Ill. Eng. Exp. Sta. Bul. 197, Urbana, Ill. 1929. 27 pp.

with Konzo, S.

A study of the ikeda short-time (electrical resistance) test for fatigue strength of metals. U. of Ill. Eng. Exp. Sta. Bul. 205, Urbana, Ill. 1930. 31 pp.

MORA, J. M.

(3) Articles:

The sedimentation velocity of erythrocytes in thyrotoxicosis. J. Lab. and Clin. Med. XV:590. (500)

MOREY, LLOYD

(1) Book notices:

Manual of pathfinder accounting system for municipalities, by Charles R. Hadley Co. Acct. Rev. IV:3:199. (400)

(2) Original reviews:

Budgeting (budget day at the international accounting congress). *Ibid.* IV:4:241-42. (550)

(3) Articles:

Accounting system for a metropolitan Y. M. C. A. J. Accy. XLVIII:6: 431-44. (4500)

University facilities in Europe. Educ. Buyer. V:4:15-17. (1600)

Making business safer through accounting. Bank-Archiv. (Berlin). XXIX:10:187-90. (1900)

(4) Books:

University and college accounting. John Wiley and Sons, Inc., N. Y. 1930. 317 pp.

MORRIS, L. P.

(3) Articles:

with Brown, H. A.

Filament supply for radio receiver from rectified 25-kilocycle current. Proc. Inst. of Radio Engrs. 18:2:9.

MORROW, G. R.

(1) Book notices:

Seventeen Doctors of Philosophy of the University of Chicago, essays in philosophy. J. Phil. 27:8:218-22. (1700)

MORROW, G. R. (continued)

(2) Original reviews:

Platon der Gründer, by Kurt Singer. *Phil. Rev.* 38:5:491-93. (850)

Plato's theory of ethics, by R. C. Lodge. *Ibid.* 38:6:605-8. (1300)

Platon der Erzieher, by Julius Stenzel. *Ibid.* 39:1:85-87. (1000)

(3) Articles:

The theory of knowledge in the seventh platonic epistle. *Ibid.* 38:4:326-49. (10,000)

with Morrow, D. R.

Translation: Philosophy in France in 1928, by Andre Lalande. *Ibid.* 38:6:511-38. (15,000)

MOSHER, M. L.

(3) Articles:

A successful farm management service. *Bur. Farm.* 5:5:5, 29-30.

MUMFORD, H. W.

see Tylor, W. R.

MUMM, W. J.

(3) Articles:

with Winter, F. L.

A small grain nursery harvester. *J. Amer. Soc. Agron.* 21:3:375-76. (450)

with Winter, F. L.

A bar-cylinder soybean thresher. *Ibid.* 21:3:377-78. (525)

MURPHY, L. W.

(2) Original reviews:

Allen's manual of printing. *U. S. Pub.* VIII:1:28. (1200)

Conditions among journalists, a survey. *Ibid.* VII:11:16. (600)

Forerunners of the newspaper, by Shaaber. *Ibid.* VII:11:16. (600)

You can't print that, by Seldes. *Ibid.* VII:5:40. (600)

(3) Articles:

The basis for cooperation. *Ibid.* VII:12:22. (600)

The publishers' survey. *Ibid.* VIII:2:46-47. (1000)

Professional mind in journalism, part I. *Ibid.* VIII:3:28, 58. (1000)

Professional mind in journalism, part II. *Ibid.* VIII:4:28, 60. (1000)

Journalism schools and departments classified. *Ibid.* VIII:4:20-21. (1000)

Journalism institutions classified. *Ibid.* VII:5:10. (2000)

Taste and ethics, part I. *Ibid.* VII:6:32. (1500)

Taste and ethics, part II. *Ibid.* VII:7:28. (1000)

Ten tests of the news story, part I. *Ibid.* VII:8:50-51. (2000)

Ten tests of the news story, part II. *Ibid.* VII:9:26-27. (2500)

The first step toward recognition. *Ibid.* VII:9:11. (1000)

Professional examination. *Ibid.* VII:10:28, 64. (2000)

Journalistic education in the United States. *Journ. Qt.* VI:2:1-4. (3000)

Professional certificates in Illinois. *Quill.* XVIII:4:13. (1800)

Certification in Illinois. *Nat. Printer-Journ.* 47:5:5. (1500)

(4) Books:

The Journalism Quarterly, Ed., Amer. Assoc. of Schools and Depts. of Journ., Champaign, Ill. Vol. VI, 1, 2.

MURPHY, L. W.

(4) Books (continued)

An introduction to journalism. Thomas Nelson and Sons, N. Y. 1930.
i + 400 pp.

Notes on the history of journalism. Mimeo. Ed., Coll. Pub. Co., Champaign, Ill. i + 100 pp.

NEWCOMB, REXFORD

(1) Book notices:

Abstracts on concrete in architectural design. J. Amer. Concrete Inst.
1:6:79-80. (600); 1:5:63-64. (950); 1:3:12-14. (1100)

(3) Articles:

January editorial. West. Arch. XXXIX:1:1. (750)

February editorial. *Ibid.* XXXIX:2:21. (750)

March editorial. *Ibid.* XXXIX:3:37. (750)

April editorial. *Ibid.* XXXIX:4:53. (900)

April comment. *Ibid.* XXXIX:4:60. (560)

Nancy Hanks Lincoln Memorial. *Ibid.* XXXIX:2:31-33. (1160)

Homes like jewels must be set in taste. Champaign News-Gazette. Mar.
21, 1930. (1225)

NEVENS, W. B.

see Yapp, W. W.

NEWELL, H. M.

see Lloyd, J. W.

NOLAN, A. W.

(3) Articles:

Letters to my daughter (series). Amer. Guild Health. VI:1-12:15. (1800)

(4) Books:

with Burlison, W. L.

Farm crop projects. The Macmillan Co., Boston. 1930.

NORTON, E. A.

(3) Articles:

Origin, development, and general characteristics of Illinois soils. U. of Ill.
Agr. Exp. Sta. Circ. 356:5-18. (5100)

Succession of soil profiles along the Mississippi River in Illinois. Bul. XI
Rpt. 10th An. Mtg. Amer. Soil Surv. Assoc. March, 1930. pp. 158-60.
(1050)

with Smith, R. S., DeTurk, E. E., Bauer, F. C., and Smith, L. H.

Macon County soil report. U. of Ill. Agr. Exp. Sta. Soil Rpt. 45:1-67.
(30,525)

with Bray, R. H.

The soil reaction profile. J. Amer. Soc. Agron. 21:8:834-44. (5000)
see also Case, H. C. M.

NORTON, L. J.

(1) Book notices:

The beet-sugar industry in Colorado and in the United States, by Jessick
Ward. Soc. Sci. Abst. 1:11-12:1436. (260)

NORTON, L. J.

(1) Book notices (continued)

The problem of rural settlement in Spain, by Gormi, O. *Int. Lab. Rev.* 19 (6), 129-858. *Ibid.* 2:1:74. (220)

Agricultural problems, by Augusto Jaccarius. *Atlantica.* 7:51-54. *Ibid.* 2:2:221. (180)

Organizing the corn-belt farm for profitable production, by H. C. M. Case, *et al.* *U. of Ill. Agr. Exp. Sta. Bul.* 23:259-332. *Ibid.* 2:3:387. (480)

Seasonal features of Illinois grain marketing, by L. J. Norton and C. L. Stewart. *U. of Ill. Agr. Exp. Sta. Bul.* 23:1-46. *Ibid.* 2:3:392. (330)

(3) Articles:

Economic conditions and their effects on land values. *U. of Ill. Agr. Exp. Sta. Circ.* 356:67-80. (5000)

Financial studies of the operation of farmers' elevators in Illinois. *U. of Ill. Agr. Exp. Sta. Agr. Econ.* M-6:1-16. (5000)
with Stewart, C. L.

Seasonal features of Illinois grain marketing. *U. of Ill. Agr. Exp. Sta. Bul.* 324:23:1-46. (15,000)

with Whitaker, Rodney

Financial results of the operation of Illinois farmers elevators in 1928. *Ibid.* M-7:1-5. (1200)

NOYES, W. A.

(3) Articles:

The electronic interpretation of oxidation and reduction. *J. A. C. S.* 51: Aug.:2391-96. (2300)

Optically active diazo compounds. IV. A stable alicyclic diazo compound. *Rec. Trav. Chim. des Pays-bas.* 48:9:895-98. (1800)

How may science be made a constructive force in religion? *Johns Hopkins Alumni Mag.* 17:Nov. (2900)

Are equitable salaries paid to professors? *Science.* 71:1842:397-401. (3200)

ODELL, C. W.

(1) Book notices:

The use and interpretation of educational tests; a handbook for the classroom teacher, by H. A. Greene and A. N. Jorgensen. Longmans, Green and Co., N. Y., 1929. *J. Ed. Res.* 19:5:366. (350)

(3) Articles:

Tests on home reading. *Proc. H. S. Conf.*, 1928. 26:17:104-8, 135-47. (8000)

The application of new type tests to measurement of foreign language training. *Ibid.* 26:17:254-60. (3500)

Tests on outside reading. *Engl. J.* 18:10:827-32. (1650)

Educational tests for use in high schools, third revision. *U. of Ill. Bul.* 27:3. 50 pp. *U. of Ill. Bur. of Ed. Res. Circ.* 53. (20,000)

Summer work in public schools. *U. of Ill. Bul.* 27:34. 42 pp. *U. of Ill. Bur. of Ed. Res. Bul.* 49. (16,000)

O'DONNELL, T. E.

(2) Original reviews:

The Ricker manuscript translations, Part X, Viollet-le-Duc's rational dictionary of French architecture, Vol. 6. Pencil Points. 11:1:31-35. (1600)

(3) Articles:

Hudson, a town of New England traditions. Ohio architecture (series). West. Arch. 38:8:137-40. (1200)

Old English hardware—its place in the American home. Country life. 56:6:68-69. (1900)

Garden walks—design for their paving and edging. House Beautiful. 65:6:798. (1500)

From Camp Illini to university campus. Dad's Day Souvenir Program. p. 11. (1000)

OLKON, D. M.

(3) Articles:

with Joannides, Minas

The capillary circulation in the alveolus pulmonalis of the living dog. Arch. of Int. Med. 45:2:201-5. (1500)

with Joannides, Minas

Capillarscopic appearance of the pulmonary alveoli in the living dog. Anat. Rec. 45:2. (1200)

(4) Books:

with Buchinger, Heinrich, and others

Das Arztliche Volks Buch. Hippokrates Verlag, Stuttgart, Germ. 1929. 622 pp.

see also Joannides, Minas

OVERMAN, O. R.

(3) Articles:

Why butter deteriorates. Butter and Cheese J. 21:15:20, 66-67. (1750)

with Sanmann, F. P., and Wright, K. E.

Studies of the composition of milk. U. of Ill. Agr. Exp. Sta. Bul. 325: 51-174.

PAGE, J. L.

(3) Articles:

Climate of Mexico. Mo. Weather Rev. Sup. 33:1-30. (15,000)

Climate of Mexico (abstract). Clark Univ. Thesis Abst. 1:23-26. (1500)

Temperature of Mexico (abstract of paper given Christmas). Ann. Assoc. Amer. Geog. XX:1:37-38. (100)

PALFREY, T. R.

(2) Original reviews:

A Balzac bibliography, by William Hobart Royce. Mod. Lang. J. XIV:4: 341-42. (850)

PALFREY, T. R. (continued)

(3) Articles:

Deux lettres inédites de Carl Spindler au comte de La Grange. *Revue de Littérature Comparée*. X:37:169-73. (1800)

(4) Books:

L'Homme qui assassina, by Claude Farrère. Authorized edition, with introduction, notes and vocabulary. The Century Co., N. Y. 1930. xix + xxx + 263 pp.

Charter, Constitution, By-laws, and members of Gamma Chapter of Illinois, Phi Beta Kappa. Urbana, Ill. 1930. 52 pp.

PARMELEE, C. W.

(3) Articles:

Coloration of glass by X-rays. *J. Soc. Glass Tech.* 13:52:279-85. (2000)
Diffraction of X-rays by ordinary glass subjected to various treatments.

Ibid. 13:52:285-90. (1500)

The devitrification of glass: (1) relative stabilities of different glasses; (2) time temperature curves of visible devitrification; (3) proposed classification of glasses. *Ibid.* 13:52:322-36. (7000)

Titanium. *Foot-Prints*. 2:2:16-27. (500)

The uses of uranium in glazes. *Ibid.* 2:1:2-8. (3000)
with Amberg, C. R.

Solubility of quartz and clay in feldspar. *J. Amer. Cer. Soc.* 12:11:699-710. (6000)

with Rudd, R. D.

Further developments on torsional apparatus for measuring plasticity.

Ibid. 12:8:552-55. (2000)

see also Clark, G. L., Badger, A. E., and Monack, A. J.

PARR, ROSALIE M.

(2) Original reviews:

Digest. Qualities of merit in good and poor teachers, by A. R. Mead, *J. Educ. Res.* 20. *J. Chem. Educ.* 7:3:675-77. (1200)

(3) Articles:

with Spencer, Mable A.

Should laboratory or recitation have precedence in the teaching of high school chemistry. *Ibid.* 7:3:571-86. (6500)

with Spencer, Mable A., and Garnett, H. W.

Preliminary report of research in methods of chemistry teaching. *Trans. Ill. State Acad. Sci.* 22:381-84. (1250)

PARRY, J. J.

(1) Book notices:

Melanthe, a Latin pastoral play of the early seventeenth century. *J. of Engl. and Germ. Philol.* XXVIII:4:593. (250)

University of Texas studies in English, 8 and 7. *Ibid.* XXIX:1:136-37 (500)

The drama in modern Wales, by Olive Ely Hart. *Ibid.* XXVIII:4:594. (150)

Mediaeval studies in memory of Gertrude Schoepperle Loomis. *Ibid.* XXVIII:4:550-51. (500)

PARRY, J. J. (continued)

(3) Articles:

A note on the prosody of William Morris. *Mod. Lang. Notes.* XLIV:5:308. (1000). Reprinted in *Y Drych*, Aug. 29, 1929.

The chronology of Geoffrey of Monmouth's *Historia*, Books I and II. *Speculum.* IV:3:318-22. (2000)

The triple death in the *Vita Merlini.* *Ibid.* V:2:316-17. (500)

(4) Books:

with Schlauch, Margaret, and Winfrey, L. E.

Bibliography of recent Arthurian literature. Mimeo. ed. Urbana, Ill. 1929. 24 pp.

PAUL, H. G.

(3) Articles:

The speaker of the evening. *Ill. Teacher.* XXXVIII:8:278. (1000)

(4) Books:

The Sir Roger de Coverley Papers. D. C. Heath and Co., Boston. 1930. xxxii + 215 pp.

The teaching of Homer's *Odyssey*. Univ. of Ill., Urbana, Ill. 1930. 21 pp. with Miller, W. D.

New practical English. Rewritten. Lyons and Carnahan, Chicago. 1930. xii + 201 pp.

PEASE, T. C.

(1) Book Notices:

The structure of politics at the accession of George III, by Namier. *Amer. Hist. Rev.* XXXIV:4:824-26. (1000)

(3) Articles:

Biography, Orville Hickman Browning. *Dict. Amer. Biog.* III:175-76. (1000)

(4) Books:

with Pease, Marguerite J.

Monograph: George Rogers Clark and the Revolution in Illinois. Ill. State Hist. Lib., Springfield, Ill. 1929. 96 pp.

PEPPER, Echo D.

(3) Articles:

On Poisson's series of trials. *Math. Annalen.* 101:2/3:375-80. (4300)

PERRY, B. E.

(2) Original reviews:

Petronius, the *Satiricon*, by E. T. Sage. *Amer. J. Philol.* 50:3:300-4. (2050)

Lucian, *Satirist and Artist*, by Allinson. *Classical Weekly.* 23:15:115-17. (2150)

(3) Articles:

Note on Apuleius, *Metamorphoses* II, 30. *Classical Philol.* 24:1:93-94. (500)

The story of Thelyphron in Apuleius. *Ibid.* 24:3:231-38. (2800)

On Apuleius, *Met.* I, 14-17. *Ibid.* 24:4:394-400. (2750)

PETERS, J. W.

(3) Articles:

Invariants of sets of points under inversion. *Amer. J. Math.* LI:4: 599-611.

PETERSEN, W. F.

(3) Articles:

with Muller, E. F.

Über den Infektionsschutz des Lebergewebes bei experimenteller Sepsis. *Zeit. für die ges. Exper. Med.* 66:442-53.

with Holscher, Rose, and Muller, E. F.

Abschliessende Studien Über Beteiligung der Einzelnen Organe an den Gesetzmässigen Verteilungsänderungen der Leukocyten. *Klin. Woch.* 8:1027-28.

with Levinson, S. A.

Skin reactions, blood chemistry, and physical status of normal men and of clinical patients. Monograph. *Arch. of Path.* 9:2:151-444.

with Muller, E. F.

Lymph reactions following bulbus pressure in dogs. *Proc. Soc. for Exper. Biol. and Med.* XXVII:345-48.

with Muller, E. F., and Holscher, Rose.

Organ distribution of leucocytes. *Ibid.* XXVII:544-46.

PHIPPS, T. E.

(3) Articles:

with Ginnings, D. C.

Temperature conductance curves of solid salts. III. The halides of lithium. *J. A. C. S.* 52:4:1340-45. (2500)

with Kurt, O. E.

Magnetic moment of the oxygen atom. *Phys. Rev.* 34:10:1357-66. (4500)
see also Rodebush, W. H.

PICKENS, LOUISE M.

(3) Articles:

with Hetler, Rossleene A.

The effect of grape juice on nitrogen retention and urinary acidity. *J. Home Econ.* 22:1:44-48. (1000)

PICKETT, LUCY W.

see Clark, G. L.

PIEPER, J. J.

(3) Articles:

with Rickey, L. F.

Wild garlic control in Illinois. *U. of Ill. Agr. Exp. Sta. Circ.* 353:2-15. (3350)

with Burlison, W. L., and Flint, W. P.

Growing potatoes in Illinois. *U. of Ill. Agr. Exp. Sta. Bul.* 344:243-83. (11,200)

PILCHARD, E. I.

(3) Articles:

Facts for future flockmasters. *Amer. Sheep Breeder*. 50:4:7. (3470)
see also Kammlade, W. G.

PILOT, ISADORE

(3) Articles:

Occurrence of fusiform bacilli and spirochetes in the vagina. *Amer. J. Obstet. and Gyn.* 18:6:824-26. (1000)
Skin tests with filtrates and vaccines of staphylococcus. *J. Infect. Dis.* 45:3:167-71. (1000)
Paroxysmal hemoglobin uria putrid empyema. *Med. Clin. of N. Amer.* (1000)
Mesenchymatous tumors of the lung. *Radiology*. 14:391-93. (2000)

PLANT, M. L.

see Hetler, Rossleene A.

POGGI, E. MURIEL

(1) Book notices:

Mineral raw materials: survey of commerce and sources in major industrial countries, by J. W. Furness, L. M. Jones, and F. H. Blumenthal. *Bur. of For. and Dom. Com., Trade Promotion Series*. No. 76. Washington, D. C. 1929. *Geog. Rev.* XX:2:346-47. (500)

(3) Articles:

Coal mining in Illinois. *London Woman Engr.* III:2:30-33. (2500)
The German sugar beet industry. *Econ. Geog.* VI:1:81-93. (6000)

POLSON, J. A.

(3) Articles:

with Degler, H. E.
Pressure effects in pre-combustion oil engines. *Power Plant Eng.* 33:21:1165-68. (3500)

(4) Books:

with Lowther, J. G., and Wilson, B. J.
Flow of air through circular orifices with rounded approach. *U. of Ill. Eng. Exp. Sta. Bul.* 207, Urbana, Ill. 1930. 52 pp.

POTTHOFF, E. F.

(3) Articles:

Effectiveness of certain requirements in the selective admission of college students. *School Rev.* XXXVII:7:519-30. (5000)

QUEREAU, J. F.

see Kratz, A. P.

QUILL, L. L.

(3) Articles:

with Kremers, H. C.

QUILL, L. L.

(3) Articles (continued)

Fractional hydrolysis of rare earths by electrolysis. Observations on the rare earths, XXXII. Trans. Amer. Electrochem. Soc. LV:199-204. (1400)

with Selwood, P. W.

Electrode holder for arc spectrum analysis. Ind. and Eng. Chem. 1:3:180. (200)

with Kremers, H. C.

Fractionation of the rare earths by electrolysis of aqueous solutions. Trans. Ill. State Acad. Sci. XXII:357-64. (1000)

QUIRKE, T. T.

(3) Articles:

Earth deformation. Comptes-Rendus: XIV^e Congrès Géologique International. 1926. Quatrième Fascicule, Madrid, 1929. pp. 1537-58. (12,000)

The structures and batholiths of French River area. J. Geol. XXXVII: 683-99. (8000)

Spring pits. *Ibid.* XXXVIII:88-91. (2000)

RAND, HELEN

(3) Articles:

Wanted: inventors of new comparisons. Chicago Schools J. XII:3:88-89. (1500). Reprinted in Ill. Teacher. XVIII:9:327.

Travel via the library or see the library first. C. S. Monitor. XXII:45:10. (1500)

For more school newspapers and for fewer annuals. *Ibid.* XXII:25:7. (1200)

The best part of Christmas for the children. New Eng. Homestead. 99: 24:25. (1500)

If mother would only listen. Jr. Home Mag. X:8:30. (1300)

Where high school annuals are going. Reprinted from School and Society in a book: Readings in extra curricular activities, edited by James Roemer. Johnson Publishing Co., Richmond, Va.

RANDALL, J. G.

(1) Book notices:

The widening scope of American constitutions, by Sister M. Barbara McCarthy. Amer. Hist. Rev. XXXIV:4:885. (200)

Lincoln and his wife's home town, by William H. Townsend. *Ibid.* XXXV: 3:677. (200)

(2) Original reviews:

Desertion during the Civil War, by Ella Lonn. *Ibid.* XXXIV:4:860-61. (550)

The making of the constitution, by Charles Warren. Ill. Law Rev. 24:3: 366-68. (1400)

Andrew Johnson, by Lloyd P. Stryker. Yale Rev. XIX:2:416-18. (700)

(3) Articles:

Lincoln in the rôle of dictator. S. Atlantic Qt. XXVIII:3:236-52. (6000)

RANDALL, J. G.

(3) Articles (continued)

The interrelation of social and constitutional history. *Amer. Hist. Rev.* XXXV:1:1-13. (4800)

John Calhoun. *Dict. Amer. Biog.* III:410-11. (600)

Salmon Portland Chase. *Ibid.* IV:27-34. (6300)

John Sherman and reconstruction. *Abst., Chattanooga News.* Apr. 27, 1930. (500)

RAPPAPORT, B. Z.

see Johnson, C. A.

RAYNER, W. H.

(3) Articles:

Specifications for transit traversing and stadia leveling. *Proc. A. S. C. E.* 55:8:2201-2. (800)

Aerial surveying and mapping. *Daily Illini.* 59:179:Apr. 6. (600)

REAGAN, G. W.

(4) Books:

with Monroe, W. S., and DeVoss, J. C.

Educational psychology. Doubleday, Doran and Co., Inc., Garden City, N. Y. 1930. xiii + 607 pp.

REED, C. I.

(3) Articles:

Investigations on the reported antianaphylactic action of heparin. *J. Immunol.* 18:3:6. (2000)

Carbohydrate metabolism in parathyroidectomized dogs. *Amer. J. Phys.* 89:1. (6500)

The effects of insulin on parathyroidectomized dogs. *Ibid.* Vol. 1. (25,000)

with Bachem, Albert

The transparency of live and dead animal tissue to ultra-violet light. *Ibid.* 90:3:600-6. (1500)

with Layman, J. A.

Effects of belateral vagotomy on blood pressure and heart rate. *Ibid.* 92:1. (4800)

with Weaver, W. K.

Studies on the inorganic constituents of the blood of normal and parathyroidectomized dogs. *J. Biol. Chem.* 85:1. (3000)

with Thacker, E. A.

The intravenous administration of irradiated ergosterol. *Proc. Soc. for Exper. Biol. and Med.* 27:2. (400)

see also Bachem, Albert

REED, J. C.

(3) Articles:

with Ambrosius, E. E.

The flow of superheated ammonia in one inch extra heavy black steel pipe. *Refrig. Eng.* 19:2:45-55. (6000)

REED, J. C.

(3) Articles (continued)

with Ambrosius, E. E.

The flow of superheated ammonia in one inch extra heavy black steel pipe.
J. Heat., Piping, and Air Cond. 2:2:101-6. (2500)

REEDY, J. H.

(1) Book notices:

Approximately 25 abstracts of articles in various chemical journals. Chem.
Abst. Vol. 23 and 24. (2500)

(3) Articles:

Lecture demonstration of ammonium amalgam. J. Chem. Educ. 6:10:
1767. (400)

Experiment in segregating chemistry students. *Ibid.* 7:4:842-44. (1250)

Reductor apparatus for detecting tin. Ind. and Eng. Chem., Anal. Ed.
2:1:117-18. (1250)

(4) Books:

Laboratory exercises, chemistry 4. Urbana, Ill. 1929. 64 pp.

Description and theoretical qualitative analysis (revised). Urbana, Ill.
1929. 116 pp.

REICH, H. J.

(3) Articles:

A new type of glow-discharge tube. Phys. Rev. 34:6:997-98. (700)
with Verman, L. C.

A vacuum-tube voltage regulator for large power units. Proc. Inst. Radio
Engrs. 17:11:2075-81. (2000)

RICKEY, L. F.

(3) Articles:

with Pieper, J. J.

Wild garlic control in Illinois. U. of Ill. Agr. Exp. Sta. Circ. 353:2-15.
(3350)

Proposals for changes in federal grain standards. Farmers' Elevator Guide.
25:3:15-16. (1500)

ROBERTS, E.

see Card, L. E., and Thomas, L. C.

ROBERTSON, W. S.

(1) Book notices:

Polk, the diary of a president, edited by A. Nevins. Nation. XXXX:101.
(500)

Foreign legionaries in the liberation of Spanish South America, by A. Hase-
brouck. J. Mod. Hist. 1:657-58. (400)

Investigaciones acerca de la historia económica del virreinato del Plata, by
R. Levene. Amer. Hist. Rev. X:68-69. (600)

South America (notes on selected current literature). *Ibid.* XXV:242-43.
(600)

Mexico and South America (notes on selected current literature). *Ibid.*
XXXV:477-78. (800); *Ibid.* XXXV:732-33. (650)

ROBERTSON, W. S.

(1) Book notices (continued)

Rivalry of the United States and Great Britain over Latin America, by J. Fred Rippey. *Ibid.* XXXV:427-28. (350)

(4) Books:

The Life of Miranda. Univ. of North Carolina Press, Chapel Hill, N. C. 2 vols. 1929. Regular and de luxe editions. xviii + 327 and 306 pp.

ROBINSON, FLORENCE B.

(3) Articles:

Fundamental principles of garden design. *Amer. Land. Arch.* II:3:26-28, 43-47. (3000)

Walls and walks in China. *Land. Arch. Qt.* (700)

Gardens in Japan and China. *Vista.* (1800)

The astronomical observatory in Peiping (Kuang Hsiang Tai). *Art and Archeol.* (1000)

RODEBUSH, W. H.

(3) Articles:

The entropy of hydrogen. *Proc. Nat. Acad.* 15:678-80. (800)

The vapor density of sodium. *Nature.* 125:130. (400)

The third law of thermodynamics. *Phys. Rev.* 35:210. (500)
with Nichols, W. A., Jr.

Atomic oxygen as a reducing agent. *Ibid.* 35:649. (400)

with Shaw, E. J., and Phipps, T. E.

Magnetic moment of the sulfur molecule. *Ibid.* 35:1126. (400)

RODKEY, F. S.

(2) Original reviews:

British routes to India, by H. L. Hoskins. *J. Mod. Hist.* 1:2:310-13. (1500)

(3) Articles:

Impressions of a journey through Yugoslavia. *Ohio Soc. Sci. J.* 1:3:27-35. (3500)

Colonel Campbell's report on Egypt in 1840, with Lord Palmerston's comments. *Cambridge Hist. J.* III:1:102-14. (5000)

Suggestions during the crisis of 1840 for a "League" to preserve peace. *Amer. Hist. Rev.* XXXV:2:308-16. (4500)

Lord Palmerston's policy for the rejuvenation of Turkey, 1839-1841. (Alexander prize essay). *Trans. Royal Hist. Soc.* XII:163-92. (10,000)

Lord Palmerston and the rejuvenation of Turkey, 1830-1841. Part I, 1830-39. *J. Mod. Hist.* 1:4:570-93. (10,000)

ROSE, W. C.

(3) Articles:

with Berg, C. P.

Tryptophane and growth. I. Growth upon a tryptophane-deficient basal diet supplemented at varying intervals by the separate feeding of tryptophane. *J. Biol. Chem.* 82:2:479. (1500)

with Berg, C. P., and Marvel, C. S.

ROSE, W. C.

(3) Articles (continued)

Tryptophane and growth. II. Growth upon a tryptophane-deficient basal diet supplemented with tryptophane derivatives. *Ibid.* 85:1:207. (3000)

with Berg, C. P., and Marvel, C. S.

Tryptophane and growth. III. 3-indolepropionic acid and 3-indolepyruvic acid as supplementing agents in diets deficient in tryptophane. *Ibid.* 85:1:219. (3000)

with Hyde, E. C.

Arginine feeding and creatine-creatinine excretion in man. *Ibid.* 84:2:535. (2000)

with Berg, C. P., and Marvel, C. S.

The biological substitution of synthetic compounds in place of tryptophane for purposes of growth. Proc. 13th Internat. Physiol. Cong., Amer. J. Physiol. 90:1:281. (400)

with Catherwood, F. L.

Do baking powder residues exert injurious effects upon growth and nutrition? J. Nutr. 2:2:155. (4000)

ROSENBLUM, P.

see Gasul, B. M.

ROSS, R. C.

(3) Articles:

Preliminary report on practices and costs in producing soybeans in Illinois 1928 and 1929. Mimeographed. pp. 1-15. (7500)

Soybeans cost \$25 an acre. *Prairie Farmer*. 102:18:13. (1400)

see also Tylor, W. R.

RUBEN, H. H.

(3) Articles:

with Straus, D. C.

Analysis of 100 consecutive thyroidectomies for goiter with hyperthyroidism. *Surg. Clin. of N. Amer.* 10:2:267-74. (2500)

RUDD, R. D.

see Parmelee, C. W.

RUEHE, H. A.

(3) Articles:

with Tracy, P. H., and Sanmann, F. P.

Use of honey in ice cream manufacturing. *U. of Ill. Agr. Exp. Sta. Bul.* 345. (4500)

with Tracy, P. H.

Enzyme activity of ice cream improvers. *Ibid.* 333. (6500)

Honey as a sweetener. *Ice Cream Field*. 16:6:17. (2000)

with Sanmann, F. P.

Some factors influencing the volume of foam on milk. *J. Dairy Sci.* 13:1:48-63. (5000)

RUTH, W. A.

(3) Articles:

with Kelley, V. W.

Methods of heading young apple trees and the importance of this problem.

Trans. Ill. State Hort. Soc. 63:108-17. (3256)

with Baker, C. E.

A comparison of correlations of bloom and yield among nitrogen-fertilized and unfertilized apple trees. Proc. Amer. Soc. Hort. Sci. 1929:197-98.

(1000)

SANDFORD, W. P.

(3) Articles:

English rhetoric reverts to classicism, 1600-1650. Qt. J. Speech. XV: 4:503-25. (7500)

What is speech training for? Ind. J. Speech. 1:3:8-11. (800)

The good-will speech—a form of business address. Platform World. XXXIX:8:27-28. (1200)

(4) Books:

with Yeager, W. H.

Principles of effective speaking. Rev. Ed. Thomas Nelson and Sons, N. Y.

1930. xiv + 436 pp.

with Yeager, W. H.

Business speeches by business men (collection of speeches). McGraw-Hill, N. Y. 1930. xi + 747 pp.

SANMANN, F. P.

see Overman, O. R., and Ruehe, H. A.

SAUNDERS, ALTA G.

(3) Articles:

Making words work. D. M. A. A. Bul. 9:48:322-28. (6000)

Words that sell. Retail Adv. Inst. 1:13. (3000)

(4) Books:

with Anderson, C. R.

Business reports investigation and presentation. McGraw-Hill, N. Y.

1929. ii + 390 pp.

SAVAGE, T. E.

(3) Articles:

The Devonian rocks of Kentucky. Ky. Geol. Surv. Series 6. Bul. 33: 1-161. (50,000)

The geological history of the Macomb region. Trans. Ill. State Acad. Sci. 22:492-502. (3000)

SCHLENZ, H. E.

(3) Articles:

with Babbitt, H. E.

Results of tests on sewage treatment. U. of Ill. Eng. Exp. Sta. Bul. 198:

1-100. (40,000)

SCHMIDT, E. C.

(3) Articles:

How much power to start a train. *Sci. and Invention*. XVII:2:108-10. (2200)

Report of the committee on front-ends, grates and ash pans of the International Railway Fuel Association. *Proc. Internat. Ry. Fuel Assoc.* XXI:170-91. (6300)

SCHNEBLY, M. I.

(3) Articles:

An Illinois Act for the extinguishment of future interests through judicial sale. *Ill. Law Rev.* 24:8:853-65. (5100)

SCHOUR, ISAAC

(3) Articles:

Problems in teaching pre-clinical subjects, with special reference to the preparation of the student for research. *J. Dental Res.* IX:4:545-53. (3500)

Early human tooth development, with special reference to the relationship between the dental lamina and the lip-furrow band. *Ibid.* IX:5:699-717. (2500)

SCHULZ, LOUIS

(3) Articles:

A consideration of the maxillary sinus in relation to the practice of dentistry. *J. Amer. Dent. Assoc.* XVII:3:453-58.

SCHULZ, W. F.

(3) Articles:

Loss of light in a spectrophotometer. *Trans. Ill. State Acad. Sci.* XXII:374-76. (1000)

SCOVILL, H. T.

(1) Book notices:

Accounting methods, by C. Rufus Rorem. *Ill. Law Rev.* XXIV:3:379. (500)

(4) Books:

Books edited in Wiley's Accounting Series:

University and college accounting, by Lloyd Morey. 323 pp.

Modern accounting theory and practice, by D. C. Eggleston. Vol. I and II. 431 and 579 pp.

SEARS, O. H.

(1) Book notices:

Laboratory manual of general microbiology, by Edwin Broun Fred and Selman A. Waksman. *J. Amer. Soc. Agron.* 21:3:379. (285)

SECORD, A. W.

(1) Book notices:

Francesco Chiesa: Villadorna. *Books Abroad.* iii:3:279. (200)

(3) Articles:

Captain Carleton. *London Times Lit. Sup.* 28th year. 144:704. (1600)

SECORD, A. W.

- (3) Articles (continued)
Whither America. Greenville Coll. Qt. XXI:3:2-15. (5000)
- (4) Books:
with Jefferson, B. L., Landis, P. N., and Ernst, J. E.
Literary studies. Thomas Nelson and Sons, N. Y. 1929. xii + 717 pp.

SEELY, F. B.

- (3) Articles:
with James, R. V.
The plaster-model method of determining stresses applied to curved beams.
U. of Ill. Eng. Exp. Sta. Bul. 26:49:1-35. (8000)

SELWOOD, P. W.

- (3) Articles:
Observations on the rare earths XXXIV. Spectrographic estimation of
impurities in the rare earths. Ind. and Eng. Chem., Anal. Ed. 2:1:
93-96. (1250)
with Quill, L. L.
Electrode holder for arc spectrum analysis. *Ibid.* 1:1:180. (200)
with Hopkins, B. S.
Observations on the rare earths XXXI. Ionic migration and magnetism in
the separation of the rare earths. Trans. Amer. Electrochem. Soc.
LV:59-73. (3000)
with Hopkins, B. S.
Studies in comparative efficiencies of rare earth separations. Trans. Ill.
State Acad. Sci. XXII:349-56. (3000)

SEVERNS, W. H.

- (3) Articles:
Heating systems using direct radiators. Ill. Mast. Plumb. 15:2:41-42.
(1300)
The effect of radiator enclosures, shields, and covers. Dunham Mag. 15:10:
150-53. (2000)

SEYBOLT, R. F.

- (1) Book notices:
Notes pour faciliter l'enseignement des institutions romaines, by L. Laurand.
Soc. Sci. Abst. 1:9:992.
Le VI^e Congrès international des Sciences historiques, by Michel Lhéritier.
Ibid. 11:1:5.
Une nouvelle conception de l'histoire locale, by Jean Bourdon. *Ibid.* 11:3:
306.
- (3) Articles:
An extramural professor at William and Mary in 1737. William and Mary
Coll. Qt. Hist. Mag. 2d Series. IX:2:126.
The second commencement at Brown University. Rhode Island Hist.
Soc. Collec. XXII:3:72-74.
A cure for cancer in 1720. New Eng. J. Med. CCI:6:275.
Lithotomies performed by Dr. Gardiner of Boston, 1738 and 1741. *Ibid.*
CCII:3:109.

SEYBOLT, R. F.

(3) Articles (continued)

Two diaries of piracy, 1724-1725. *New Eng. Qt.* II:4:658-69.

Dress reform in colonial Massachusetts. *Ibid.* III:2:333-38.

Biography: John Williston Cook. *Dict. Amer. Biog.* IV:375-76.

SHAW, E. J.

see Rodebush, W. H.

SHAW, J. B.

(2) Original reviews:

Pastures of wonder, by C. J. Keyser. *Amer. Math. Mo.* 37:12:81-84.
(1500)

(3) Articles:

Mathematics as a fine art. *Math. Teacher.* 23:3:164-79. (6000)

SHEDD, T. C.

(4) Books:

with Vawter, J.

Theory of simple structures. Coll. Pub. Co., Champaign, Ill. 1930. i +
113 pp.

SHELFORD, V. E.

(3) Articles:

Improving quality of investigation. *Ecology.* 11:235-37. (1000)

Photoelectric cells. *Ibid.* 11:348-55. (4000)

with Kunz, J.

Photoelectric cells in ecology. *Ibid.* 10:289-311. (7000)

with Eddy, S.

Stream communities. *Ibid.* 10:683-91. (5000)

with Eddy, S.

Licht im Wasser (Messung). *Abderhaldens Handbuch.* 9:1495-1524.
(15,000)

Fluszlebensgemeinschaften. *Ibid.* 9:1524-49. (14,000)

Light in Puget Sound waters. *Pub. P. S. Biol. Sta.* 7:151-68. (9000)

Intertidal communities. *Ibid.* 7:217-23. (3000)

March of temperature. *Mo. Weath. Rev.* Nov., 1929. pp. 1-4. (2000)

with Kunz, J.

Photoelectric cells. *Rev. Sci. Instr.* 1:106-17. (5500)

(4) Books:

Laboratory and field ecology. Williams and Wilkins, Baltimore. 1929.

xii + 608 pp.

SHEPARD, F. P.

(1) Book notices:

The Nappe theory in the Alps, by Heritsch. *Econ. Geol.* XXIV:8:872-73.
(600)

(3) Articles:

Significance of submerged deltas in the interpretation of the continental
shelves. *Amer. Geol. Soc. Bul.* 39:1157-70. (5000)

SHRINER, R. L.

(3) Articles:

with McCutchan, P.

Preparation of some methylated gallic acids. *J. A. C. S.* 51:7:2193-95. (1500)

with Schmidt, A. G.

Preparation of benzoylacetic ester. *Ibid.* 51:12:3636-38. (1500)

with Turner, T. A.

Identification of nitriles. Preparation of alkyl phenyl ketones. *Ibid.* 52:3:1267-69. (1500)

with Anderson, R. J.

Chemical studies of grape pigments. V. The anthocyanins in grapes. *Tech. Bul., N. Y. Agr. Exp. Sta.* 152:1-11. (4000)

SHUMWAY, WALDO

(3) Articles:

Premedical education from the standpoint of the Liberal Arts College. *J. Assoc. Amer. Med. Coll.* 4:2:111-15. (3000)

The new general curriculum in the College of Liberal Arts and Sciences at the University of Illinois. *School and Soc.* 29:749:572-74. (1500)

The species of paramecium and the thyroid question. *Science.* 69:1798:622-23. (500)

A teacher in the old tradition. (Obituary notice, John Mason Tyler). *Amherst Graduates Qt.* 18:4:234-36. (2500)

SIEBERT, F. S.

(2) Original reviews:

You can't print that, by George Seldes. *Journ. Qt.* 6:2:12-13. (400)

The Effingham libels on Cooper, by Ethel Outland. *Ibid.* 7:1:78-79. (750)

(3) Articles:

Newspapers' rights to public records. *Ed. and Pub.* 62:42:11-12. (6600)

(4) Books:

The Journalism Quarterly, Ed., Amer. Assoc. of Schools and Depts. of Journ., Urbana, Ill.

SINGER, H. A.

(3) Articles:

Syphilis of the stomach with special reference to its relationship to linitis plastica. *Amer. J. Syph.* 13:3:391-410. (7400)

with Vaughan, R. T.

The value of radiology in the diagnosis of perforated peptic ulcer. *Surg., Gyn., and Obstet.* 49:5:593-99. (4595)

with Vaughan, R. T.

The "formes frustes" type of perforated peptic ulcer. *Ibid.* 50:1:110-16. (3250)

Leukoplakia of the stomach. *Arch. of Path.* 9:3:676-82. (2090)

SMITH, ANN A.

(3) Articles:

Teaching swimming. *Amer. Phys. Educ. Rev.* XXXIV:6:356. (500)

SMITH, ANN A. (continued)

(4) Books:

Swimming and plain diving. Charles Scribner's Sons, N. Y. 1930. iii + 247 pp.

SMITH, C. N.

(3) Articles:

An investigation of the friability of different coals. U. of Ill. Eng. Exp. Sta. Bul. 196. 47 pp.

The measurement of air quantities and energy losses in mine entries. Part IV. *Ibid.* 199. 48 pp.

SMITH, G. F.

(2) Original reviews:

with Engelder, C. J.

Elementary quantitative analysis. J. Chem. Educ. 7:3:953-55. (1500)

(3) Articles:

with Koch, W. W.

Construction of platinum-wire chain for the foulk chain hydrometer. Ind. and Eng. Chem., Anal. Ed. 2:1:41-42. (1500)

with Hardy, V. R., and Gard, E. L.

The segregation of analyzed samples. *Ibid.* 1:4:228-30. (3000)

with Hockenyos, G. L.

Determination of carbon in high-melting alloys using the high-frequency induction furnace. *Ibid.* 2:1:36-41. (3000)

SMITH, H. A.

(3) Articles:

with Clark, G. L.

Ultra-violet spectroscopy of the flames of motor fuels. IV. The practical utilization of a small quartz-prism spectrograph for the quantitative determination of lead tetraethyl in gasoline. J. Phys. Chem. 33: 659-75. (8000)

SMITH, L. H.

(3) Articles:

with Bauer, F. C.

Caring for the fertility of Illinois soil. U. of Ill. Agr. Exp. Sta. Circ. 342: 3-20. (7740)

with Smith, R. S., DeTurk, E. E., and Bauer, F. C.

Douglas County soil report. U. of Ill. Agr. Exp. Sta. Soil Rpt. 43:1-54. (24,675)

with Smith, R. S., DeTurk, E. E., and Bauer, F. C.

Coles County soil report. *Ibid.* 44:1-61. (26,000)

with Smith, R. S., Norton, E. A., DeTurk, E. E., and Bauer, F. C.

Macon County soil report. *Ibid.* 45:1-67. (30,525)

SMITH, R. S.

(3) Articles:

with DeTurk, E. E., Bauer, F. C., and Smith, L. H.

SMITH, R. S.

(3) Articles (continued)

Douglas County soil report. U. of Ill. Agr. Exp. Sta. Soil Rpt. 43:1-54.
(24,675)

with DeTurk, E. E., Bauer, F. C., and Smith, L. H.

Coles County soil report. *Ibid.* 44:1-61. (26,000)

with Norton, E. A., DeTurk, E. E., Bauer, F. C., and Smith, L. H.

Macon County soil report. *Ibid.* 45:1-67. (30,525)

with Norton, E. A.

Influence of topography on soil profile character. J. Amer. Soc. Agron.
22:3. (3000)

A container and case for carrying acid in the field. *Ibid.* 21:10:1015. (500)

Physical properties of soils important as indicators of agricultural value.

U. of Ill. Agr. Exp. Sta. Circ. 356:19-26. (2500)

Important soil types in Illinois. *Ibid.* 356:27-41. (4000)

with Winters, Eric, Jr.

The determination of total carbon in soils. Ind. and Eng. Chem., Anal.
Ed. 14:202. (800)

see also Case, H. C. M.

SMITH, V. T.

(3) Articles:

An educational philosophy. Educ. Admin. and Superv. 16:2:88-98. (4500)

SNAPP, R. R.

(3) Articles:

The care and management of pastures. Shorthorn World. XV:1:3-4.
(6000)

The importance of grass in beef production. *Ibid.* XIV:11:98-102. (3100)

with Knox, J. H.

Summer rations for fattening steers. U. of Ill. Agr. Exp. Sta. Bul. 328:
243-55. (3500)

SPARKS, F. M.

(3) Articles:

with Knipp, C. T.

Change of spacing of positive column striations with temperature. Phys.
Rev. 35:3:259-60. (500)

STANLEY, W. M.

(3) Articles:

with Adams, Roger

The synthesis of chaulmoogric acid from hydnocarpic acid. J. A. C. S.
1929:51:51515-18. (2000)

with Adams, Roger

The stereoisomerism of diphenyl compounds. IV. *Ibid.* 1930:52:1200-05.
(3000)

with Adams, Roger

Stereochemistry of diphenyl compounds the resolution of 2,2'-dihydroxy-
3,3'-dicarboxy-1,1'-dinaphthyl. III. Rec. Trav. Chim. des Pays-bas.
48:9:1035-40. (3000)

STEWART, C. L.

(3) Articles:

Farm relief measures in selected European countries. J. Farm Econ.
XII:1:29-56. (10,800)
see also Norton, L. J.

STREICHER, M. H.

(3) Articles:

Chronic ulcerative celitis. J. A. M. A. 94:7. (2000)
with Emmel, V. E.
Leucocyte reaction to acute inanition. Folia Hematologica. 39:2/3:17.
(1500)

SULLIVAN, ALICE H.

(3) Articles:

with Verda, D. J.
The experiential fusion of warmth and cold in heat. J. Exper. Psych.
13:2:208-16. (4000)

SUTTON, A. H.

(3) Articles:

Geology of the southern part of the Dawson Springs Quadrangle. Ky.
Geol. Surv. 31:VI:169-280. (40,000)

SWAIN, J. W.

(2) Original reviews:

Origins of the World War, by Sidney B. Fay. Hist. Outlook. XX:5:247-48.
(1350)

(3) Articles:

Origins of Potsdam Council "Legend." Cur. Hist. XXXI:4:733-40.
(7000)
History and the science of society. Essays in Intel. Hist., dedicated to
James Harvey Robinson, by his former students. Harper and Bros.
pp. 305-25. (8000)

SWANN, SHERLOCK, JR.

(3) Articles:

Electrolysis of isomeric caproic acids. Trans. Amer. Electrochem. Soc.
56:457-65. (2500)
with King, E. P., and Keyes, D. B.
Studies in liquid partial oxidation. I. Ind. and Eng. Chem. 21:12:1227-31.
(3500)
Hydroxylation of double bonds. U. of Ill. Eng. Exp. Sta. Bul. 204. (2800)
with Keyes, D. B.
Studies in the electrodeposition of metals. *Ibid.* 206. (4000)

SWANSON, WESLEY

(1) Book notices:

Theater management, by Sanford E. Stanton. Qt. J. of Speech Educ.
XVI:2:243-44. (250)

(3) Articles:

Munich and its drama. The Drama. 20:5:141-42. (2500)

SYMONS, G. E.

(3) Articles:

with Buswell, A. M.

Biochemical oxygen demand of certain substances. Ind. and Eng. Chem.,
Anal. Ed. 1:3:161-62. (1000)

with Buswell, A. M.

Comparison of the dilution and absorption methods for the determination
of biochemical oxygen demand. *Ibid.* 1:4:214-15. (1100)

with Buswell, A. M., and Pearson, E. L.

Observations on two-stage sludge digestion 1928-29. Sewage Works J.
2:2:214-18. (1500)

TALBOT, A. N.

(3) Articles:

Fifth progress report of special committee on stresses in railroad track.
Amer. Ry. Eng. Assoc. Bul. 31:319:1-272. (140,000)

Stresses in railroad track. *Ibid.* 30:1407-12. (3800)

Some developments in making concrete in the United States. J. Inst.
Japanese Arch. 44:532:681-86. (3000)

TALBOT, NELL S.

(3) Articles:

with Ogburn, W. F.

A measurement of the factors in the presidential election of 1928. Social
Forces. VIII:2:175-83. (5000)

TANNER, F. W.

(3) Articles:

Yeasts. The Encyc. Brit. 14th Ed. 23:881. (600)

with Windsor, Mary F.

The ability of *Escherichia coli* and *Serratia marcescens* to survive 62.8° C.
for thirty minutes in milk. J. Dairy Sci. 12 (1929):202-10. (3500)

with Wallace, G. I.

The standardization of disinfectants. Cent. Bakt. I. 114 (1929):161-74.
(4600)

THOMAS, L. C.

(3) Articles:

with Roberts, Elmer

Hypotrichosis: The inheritance of monilethrix. Eugenics. III:1:20-25.
(1500)

THOMAS, L. J.

(3) Articles:

Notes on the life history of *Haplobothrium globuliforme* Cooper, a tapeworm
of *Amia calva* L. J. Parasit. XVI:2:140-45. (1800)

THORNBERRY, H. H.

(3) Articles:

with Anderson, H. W.

Peach spraying experiments for brown rot and bacterial spot control. Trans.
Ill. State Hort. Soc. 1929:129-39. (2000)

THORP, FRANK, JR.

(3) Articles:

with Graham, Robert

Vibronic abortion in sheep. *J. A. V. M. A.* LXXVI:4:568-73. (1420)

with Graham, Robert

Tularemia of animals communicated to man. *Ibid.* LXXV:6:769-71.
(270)

with Graham, Robert, and Hectorne, R. L.

Capillaria in chickens. *Ibid.* LXXIV:7:1060-63. (690)

with James, W. A., and Graham, Robert

Epidermoptotic scabies in a hen. *Ibid.* LXXVI:1:93-95. (330)

with Graham, Robert, Tunnicliff, E. A., and McCulloch, E. C.

The antigenic value of formalized botulinum toxins. *Ibid.* LXXV:1:21-37.
(2110)

with Graham, Robert

Brucella agglutinins in the blood and milk of cows. *J. Infect. Dis.* 46:3:
260-62. (670)

TIMMONS, B. F.

(1) Book notices:

Abstract of Ph.D. dissertation on "Employee Welfare Work in Ohio Industries." *Abst. Doctors' Dissertations.* I:1:196-205. (3600)

(3) Articles:

The "service" idea in employee welfare work. *Ohio Sociol.* III:1:9-14.
(1500)

Employee vacation plans among Ohio industries. *Bul. Bus. Res. Sup.*
(Ohio St. Univ.). IV:10:1-4. (3500)

TODD, ELIZABETH

(3) Articles:

Suggestions to teachers. *Prac. Home Econ.* VII:12:372. (900)

Informal objective tests may be problematic. *Ibid.* VIII:4:116. (1000)

TRACY, P. H.

(3) Articles:

Enzyme activity of ice cream improvers. *U. of Ill. Agr. Exp. Sta. Bul.*
333:483-508. (12,000)

Storing milk products for ice cream. *Cream. and Milk Pl. Mo.* 19:2:
107-10. (1200)

see also Ruehe, H. A.

TRELEASE, WILLIAM

(3) Articles:

Charles Sprague Sargent. *Biog. Memoirs, Nat. Acad. Sci.* 12:247-70.
Portrait.

The Piperaceae of Costa Rica. *Contr. U. S. Nat. Herb.* 26:115-226.

Lindenipiper, a generic segregate from Piper. *Proc. Amer. Philos. Soc.*
68:53-54.

New Piperaceae from Central America and Mexico. *J. Wash. Acad. Sci.*
19:327-37.

Piperaceae hispaniolenses. IV. *Fedde, Rpt.* 26:341-42.

TRELEASE, WILLIAM

(3) Articles (continued)

Not *Piper angustifolium* Lamarck; not *Piper elongatum* Vahl. *Bul. Torrey Bot. Club.* 56:535-38.

TUPPER, CAROLINE F.

(2) Original reviews:

American criticism: studies in literary theory from Poe to the present, by Norman Foerster. *J. Engl. and Germ. Philol.* XXVIII:4:587-89. (1155)

(3) Articles:

Oliver Goldsmith and "The Gentleman Who Signs D." *Mod. Lang. Notes.* XLV:2:71-77. (2260)

TYKOCINER, J. T.

(3) Articles:

Application of microphotometer for the analysis of photographic sound records. *Phys. Rev.* 33:6:1094. (200)

Ionization currents and the breakdown of insulation. *Trans. A. I. E. E.* 49:357. (400)

with Kunz, Jakob

Striations and magnetic effect in electrodeless discharges. *Amer. Phys. Soc. Bul.* 5:2:28. (200)

(4) Books:

with Armstrong, R. W.

Tuning of oscillating circuits by plate current variations. *U. of Ill. Eng. Exp. Sta. Bul.* 26:46:1-51. (8500)

TYLOR, W. R.

(1) Book notices:

Abstracts of articles for "Seventy Years of Argentine Immigration," by A. E. Bunge. *Soc. Sci. Abst.* 1:2:231. (300)

The present population of China, by Paxton Howard. *Ibid.* 2:1:135. (250)

(3) Articles:

The attitude of farmers toward the County Farm Bureau. *Pub. Amer. Sociol. Soc.* 23:261-73. (4800)

with Mumford, H. W., and Ross, R. C.

The attitude of Illinois Farmers toward the County Farm Bureau. Part III. *U. of Ill. Agr. Exp. Sta. Mimeographed Bul.* June, 1929. (3500)

with Mumford, H. W., and Ross, R. C.

The attitude of business men toward the County Farm Bureau. Part VI. *Ibid.* Apr., 1930. (3500)

VAN CLEAVE, H. J.

(1) Book notices:

Human Helminthology, a manual for clinicians, sanitarians, and medical zoologists, by Ernest Carroll Faust. *Trans. Amer. Micros. Soc.* 48:3:318. (250)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 48:3:318-19. (250)

VAN CLEAVE, H. J.

(1) Book notices (continued)

- A manual of Helminthology, medical and veterinary, by H. A. Baylis. *Ibid.* 48:3:319. (145)
- Animal parasitology with special reference to man and domestic animals, by Robert Hegner, Francis M. Root, and Donald L. Augustine. *Ibid.* 48:4:447. (250)
- A manual of external parasites, by Henry Ellsworth Ewing. *Ibid.* 48:4:447. (250)
- Recent advances in bacteriology and the study of infections, by J. Henry Dible. *Ibid.* 48:4:448. (125)
- Insects, ticks, mites and venomous animals of medical and veterinary importance, Part I. Medical, by W. S. Patton and A. M. Evans. *Ibid.* 49:1:72. (325)
- A handbook of the mosquitoes of North America, by Robert Matheson. *Ibid.* 49:1:73. (200)
- Guide to the study of animal parasites, by William A. Riley and Reed O. Christenson. *Ibid.* 49:2:188. (180)
- Diseases transmitted from animals to man, by Thomas G. Hull. *Ibid.* 49:2:188. (95)

(2) Original reviews:

- Fresh water mollusca of Wisconsin, by Frank Collins Baker. *Ecology.* 11:1:228-29. (600)

(3) Articles:

- A new genus and new species of acanthocephala from the antarctic. *Ann. and Mag. of Nat. Hist. Ser. 10.* 4:229-31. (750)
- with Markus, H. C.
- Studies on the life history of the blunt-nosed minnow. *Anat. Rec.* 44:3:267. (125)
- with Markus, H. C.
- Studies on the life history of the blunt-nosed minnow. *Amer. Naturalist.* 53:Nov.-Dec., 1929:530-39. (3100)
- Address on Stephen A. Forbes as a scientist. *Ill. Alumni News.* 8:7:281-82. (1100)

VAN HORNE, JOHN

(3) Articles:

- with Welch, Edith L.
- Bibliography of modern language methodology in America for 1928. *Mod. Lang. J.* XIII:8:593-609. (6000)
- An intermediate Spanish grammar and composition. Eugene F. Parker and Arturo Torres-Rioseco. *Ibid.* XIV:2:185-86. (550)
- Recent Italian books. (1) *Italica.* VI:3:81-82. (650)
- Recent Italian books. (2) *Ibid.* VI:4:117-18. (650)
- Recent Italian books. (3) *Ibid.* VII:1:20-21. (650)

VAWTER, J.

see Shedd, T. C.

VEATCH, COLLINS

(3) Articles:

- with Woodworth, C. M.

VEATCH, COLLINS

(3) Articles (continued)

- Inheritance of pubescence in soybeans and its relation to pod color. *Genetics*. 14:5:512-18. (1600)
Vigor in soybeans as affected by hybridity. *J. Amer. Soc. Agron.* 22:4: 289-310. (5600)
Vigor in soybeans in relation to inhibition of pubescence. *Ibid.* 22:5: 446-52. (1650)

VERDA, D. J.

(3) Articles:

- with Sullivan, Alice H.
The experiential fusion of warmth and cold in heat. *J. Exper. Psych.* XIII:2:208-16. (3500)
see also Burge, W. E.

VESTAL, A. G.

(1) Book notices:

- Colorado Semicentennial: Volumes I, Geology and natural resources, by R. D. George; II, Colorado plant life, by Francis Ramaley; III, The zoology of Colorado, by T. D. A. Cockerell. *Ecology*. 11:1:226-28. (1000)

WALDO, E. H.

(3) Articles:

- Notes on transformer design. *Trans. A. I. E. E.* 48:3:821-35. (12,000)
Economies in the utilization of power. *Power Plant Eng.* 34:1:62-63. (1400)

WALLACE, G. I.

(3) Articles:

- with Tanner, F. W.
The standardization of disinfectants. *Zentralblatt f. Bakteriologie*. 114: II:161-74. (5000)

WANLESS, H. R.

(1) Book notices:

- The geology of Green Gully, Keilor, with special reference to the fossiliferous beds, by Irene Crespín. *Biol. Abst.* 2:9-11:1845. (240)
Sharks from Fayetteville formation, by Carey Croneis. *Ibid.* 3:1-3:367. (65)
Sur quelques poissons fossiles du nord de Madagascar (fossil fish from Madagascar), by Jean Piveteau. *Ibid.* 3:4-6:1005. (150)
The Pleistocene of the western region of North America and its vertebrated animals, by O. P. Hay. *Ibid.* 3:4-6:1014. (350)
The geology of the Saltern Cove area, Torbay, by L. G. Anniss. *Ibid.* 3:7-8:1479. (130)
The fish-fauna of the Cementstone of Fouldon, Berwickshire, by E. I. White. *Ibid.* 3:7-8:1588. (170)
Paleontological notes, by P. Teilhard de Chardin. *Ibid.* 3:7-8:1598. (130)
Tertiary man in Asia—the Chou Kou Tien discovery, by Davidson Black. *Ibid.* 3:9-11:2055. (100)

WANLESS, H. R.

(1) Book notices (continued)

On a presumably Pleistocene human tooth from the Sjara-Osso-Gol (south-eastern Ordos) deposits, by E. Licent, P. Teilhard de Chardin, and Davidson Black. *Ibid.* 3:9-11:2156-57. (120)

L'appareil sensoriel latéral des poissons fossiles (lateral sensorial apparatus of fossil fish), by P. Rode. *Ibid.* 4:2:616. (120)

Les oeufs de reptiles fossiles (eggs of fossil reptiles), by V. van Straelen. *Ibid.* 4:4:305. (200)

Skull and skeletal remains of a ruminant of the Preptoceras-Euceratherium group from the McKittrick Pleistocene, California, by C. Stock and E. L. Furlong. *Ibid.* 4:2:627. (180)

Additional notes on some Branchiosaurs from Odernheim, by O. M. B. Bulman. *Ibid.* 4:3:983. (80)

Two new fossil Amphibia of zoogeographic importance from the Miocene of Europe, by G. K. Noble. *Ibid.* 4:3:984. (130)

Organic evolution (revised edition), by R. S. Lull. *Econ. Geol.* 25:2:228-29. (420)

(3) Articles:

Geology and mineral resources of the Alexis quadrangle, Illinois. Ill. State Geol. Surv. Bul. 57:1-230. (100,000)

WARD, H. B.

(1) Book notices:

Travaux pratiques de parasitologie, by E. Brumpt and M. Neveu-Lemaire. J. A. M. A. 92:22:1886. (160)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 93:3:228. (350)

Animal parasitology, by Robert Hegner, Francis M. Root, and Donald L. Augustine. *Ibid.* 93:3:227-28. (325)

Human helminthology, by Ernest Carroll Faust. *Ibid.* 93:3:1833. (300)

Animal parasitology, by Robert Hegner, Francis M. Root, and Donald L. Augustine. J. Parasit. 15:4:294-95. (910)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 15:4:295-96. (840)

A manual of helminthology, medical and veterinary, by H. A. Baylis. *Ibid.* 15:4:296-97. (364)

Manson's tropical diseases, a manual of the diseases of warm climates, by Philip H. Manson-Bahr. *Ibid.* 15:4:297. (234)

Practical clinical laboratory diagnosis, by Charles C. Ross and Foster M. Johns. *Ibid.* 15:4:297. (156)

Morphologic variation and the rate of growth of bacteria, by Arthur T. Henrici. *Ibid.* 15:4:297-98. (300)

Hydatid disease, its pathology, diagnosis and treatment, by Harold R. Dew. *Ibid.* 16:1:57. (325)

Leitfaden zur Untersuchung auf die parasitischen protozoen des menschlichen Darmkanales, by F. W. Bach. *Ibid.* 16:1:57. (200)

A manual of external parasites, by Henry Ellsworth Ewing. *Ibid.* 16:1:58. (170)

Archivos do Instituto Biologico de Defesa Agricola e Animal, Vol. I. *Ibid.* 16:1:58. (150)

WARD, H. B.

(1) Book notices (continued)

Human Helminthology, by Ernest Carroll Faust. *Ibid.* 16:2:109. (410)
Hookworm disease, its distribution, biology, epidemiology, pathology,
diagnosis, treatment and control, by Asa C. Chandler. *Ibid.* 16:2:
109-10. (260)

Leitfaden zur Untersuchung der Tierischen Parasiten des Menschen und
der Haustiere, by Edwaurd Reichenow and Gerhard Wülker. *Ibid.*
16:2:110. (290)

The immunology of parasitic infections, by William H. Taliaferro. *Ibid.*
16:3:172. (388)

Diseases transmitted from animals to man, by Thomas G. Hull. *Ibid.*
16:3:172-73. (402)

(2) Original reviews:

Insects, ticks, mites and venomous animals of medical and veterinary
importance. Part I Medical, by Walter Scott Patton and Alwen M.
Evans. *Ibid.* 16:3:171-72. (657)

(3) Articles:

A tribute to Fred H. Doellner. *Outdoor Amer.* 8:1:28. (630)

In memoriam, Dr. J. Sterling Kingsley. *The Cover Glass of Omega Beta Pi.*
7:1:5-6. (550)

Stephen Alfred Forbes, a tribute. *Science.* 71:1841:378-81. (2100)

Address of the President. 8th Nat. Con. I. W. L. A. pp. 1-26. (18,900)

WATSON, F. R.

(3) Articles:

Sound generators. *Internat. Critical Tables.* VI:453-57. (6000)

Graphical representation of the reverberation equation. *J. Acous. Soc.*
1:4:7-55. (4200)

Coefficient of transmission of sound. *Ibid.* 1:202-8. (2800)

Acoustic correction of auditoriums. *Eng. News-Record.* 104:105-8. (5000)

Reducing noise and vibrations in buildings. *Nat. Safety News.* 21:14-16.
(4500)

(4) Books:

Acoustics of buildings. 2d edition. John Wiley and Sons, Inc., N. Y.
1930. x + 155 pp.

WEBER, O. F.

(3) Articles:

Dog gone right. *Hounds and Hunting.* 26:5:56-58. (2000)

Post-season education. *Ibid.* 26:8:3-5. (2000)

Retrieving lost opportunities. *Ibid.* 27:3:3-6. (2000)

The beagle in the snow. *Ibid.* 27:4:18-19. (1000)

(4) Books:

How we became moral. Richard Badger, Boston. 1930. 234 pp.

WEINARD, F. F.

(3) Articles:

Report on the Urbana trial garden. *Amer. Peony Soc. Bul.* 24(41):3-12.
(2500)

Infectious chlorosis of the rose. *Flor. Rev.* 65(1689):62-63. (800)
with Decker, S. W.

WEINARD, F. F.

(3) Articles (continued)

Report on experimental work. *Amer. Flor.* 72(2172):34. (1400)

WEISIGER, G. B.

(2) Original reviews:

Negligence—legal cause—discussion of case of *Polsgraf v. Long Island Railroad Co.* 248 N. Y. 339. *Ill. Law. Rev.* 24:3:325-28. (1500)

(3) Articles:

Bases of liability for misrepresentation. *Ibid.* 24:8:866-75. (4250)

WELCH, EDITH L.

(3) Articles:

with Van Horne, John

Bibliography of modern language methodology in America for 1928. *Mod. Lang. J.* XIII:8:593-609. (6000)

WELKER, W. H.

(3) Articles:

Organization of postgraduate and graduate instruction: subjects, teachers, and degrees. *J. Amer. Dent. Assoc.* XVI:Nov., 1929:2058-62.

WESTERGAARD, H. M.

(3) Articles:

Mechanics of progressive cracking in concrete pavements. *Public Roads.* 10:4:65-71. (7000)

Computation of stresses in bridge slabs due to wheel loads. *Ibid.* 11:1:1-23. (20,000)

Discussion of paper by S. Timoshenko: problems concerning elastic stability in structures. *Proc. A. S. C. E.* 55:7:1889-93. (2000)

Graphische Auflösung eines linearen Gleichungssystems. *Zeitschrift für angewandte Mathematik und Mechanik.* 9:6:513-15. (700)

WHITAKER, RODNEY

see Norton, L. J.

WHITE, J. M.

(3) Articles:

What is a safe building? *Ill. Munic. Rev.* IX:3:92-97. (7500)

WICKWIRE, G. C.

see Burge, W. E.

WIDGER, H. D.

(1) Book notices:

English for daily use, a review of *English for Daily Use* by Sterling and Cole. *Engl. J.* XIX:1:88-89. (450)

WILEY, C. C.

(3) Articles:

The construction, rehabilitation, and maintenance of gravel roads suitable for moderate traffic. *U. of Ill. Eng. Exp. Sta. Bul.* XXVII:4:1-57.

WILEY, C. C.

(3) Articles (continued)

Some economic phases of pavement resurfacing. Ill. Munic. Rev. IX:
4:116-21. (5000)

Highway drainage problems. Purdue Univ. Bul. XIII:2:29-41. (6000)

WILLARD, A. C.

(3) Articles:

Recent developments in heating and ventilating practice. Proc. Nat.
Dist. Heat. Assoc. 20:58-88. (8000)

with Fahnestock, M. K.

The effect of two types of cast-iron radiators on air temperatures in room
heating. J. Heat., Piping, and Air Cond. 2:3:185-91. (3500)

with Kratz, A. P.

Friction losses and observed static pressures in a domestic fan furnace
heating system. *Ibid.* A. S. H. and V. E. Journal Section. 1:8:
683-87. (2500)

with Kratz, A. P.

Wall surface temperatures. *Ibid.* A. S. H. and V. E. Journal Section.
2:4:335-50. (3000)

see also Fahnestock, M. K.

(4) Books:

with Harding, L. A.

Mechanical equipment of buildings. Vol. I. 2d edition, revised. John
Wiley and Sons, Inc., N. Y. 1929. xi + 963 pp.

WILLHITE, F. M.

see Bray, R. H.

WILLIAMS, C. A.

(2) Original reviews:

Das Rostocker Liederbuch, edited by Fr. Ranke and J. M. Müller-Blattau.
Halle. 1927. J. Engl. and Germ. Philol. 29:293-96. (1200)

see also Lundeborg, O. K.

WILLIAMS, E.

see Burge, W. E.

WILLIAMS, L. W.

(3) Articles:

Teacher training standards. The Phi Delta Kappan. XII:6:180-81. (725)

WILLIAMSON, C. S.

(3) Articles:

A group of mediastinal cases. Med. Clin. of N. Amer. 13:2:321-41.
(7500)

with Birch, C. L.

Mistakes in diagnosis as revealed by autopsy. *Ibid.* 13:5:1091-1109.
(7000)

WILSON, W. M.

(3) Articles:

Some questions pertaining to the design of weighing machines. *Scale J.* 16:6:11-13. (3600)

(4) Books:

Laboratory tests of reinforced concrete arch ribs. *U. of Ill. Eng. Exp. Sta. Bul.* 1930. ii + 97 pp.

WINAKOR, A. H.

(3) Articles:

Ratios useful only when based on uniform classification of items. *Amer. Accountant.* XIV:7:375-77. (2400)

Preparing tables and charts, from "Business Reports" by C. R. Anderson and A. G. Saunders. McGraw-Hill, N. Y. 1929. 33 pp.
with Littleton, A. C.

Standard financial ratios for the public utility industry. *U. of Ill. Bur. Bus. Res. Bul.* 26. 1929. 44 pp.

The financial plan of gas cost. *Ibid.* Bul. 27. 1929. 49 pp.

Balance sheet structure of automobile manufacturing companies. *Ibid.* Bul. 29. 1930. 65 pp.

WINTER, F. L.

(3) Articles:

The mean and variability as affected by continuous selection for composition in corn. *J. Agr. Res.* 39:6:451-76. (15,000)

with Mumm, W. J.

A small grain nursery harvester. *J. Amer. Soc. Agron.* 21:3:375-76. (450)

with Mumm, W. J.

A bar-cylinder soybean thresher. *Ibid.* 21:3:377-78. (525)

WINTERS, ERIC, JR.

(3) Articles:

The measurement of soil color. *Bul. XI, Rpt. 10th An. Mtg. Amer. Soil Surv. Assoc.* March, 1930. pp. 34-37. (1050)

with Smith, R. S.

Determination of total carbon in soils. *Ind. and Eng. Chem., Anal. Ed.* 1:4:202. (800)

WIRTH, E. H.

(3) Articles:

A quality standard for crocus. *Amer. J. Pharm.* 101:Oct., 1929. (2800)

with Dorjahn, J. A.

Phytomicrochemical tests as pharmacopoeial identity tests. *Ibid.* 101: 638-49. (3500)

WOLF, SAMUEL

(3) Articles:

Choroideremia. *Arch. Opthal.* 3:1:80-87. (2800)

WOODROW, HERBERT

(1) Book notices:

Human behavior, by W. S. Hunter. *J. Genetic Psych.* XXXVI:4:351-53. (1250)

WOODROW, HERBERT

(1) Book notices (continued)

Intelligence tests: their significance for school and society, by W. F. Dearborn. *Amer. J. Psych.* XLI:4:69-70. (400)

(3) Articles:

Discrimination by the monkey of temporal sequences of varying number of stimuli. *J. Compar. Psych.* IX:2:123-57. (15,750)

WOODROW, H. W.

see Adams, Roger

WOODWORTH, C. M.

(3) Articles:

Illini soybeans. *U. of Ill. Agr. Exp. Sta. Bul.* 335:547-56. (2000)
with Veatch, Collins

Inheritance of pubescence in soybeans and its relation to pod color. *Genetics.* 14:5:512-18. (1600)

Comparative frequency of defective seeds and chlorophyll abnormalities in different varieties of corn following self-fertilization. *J. Amer. Soc. Agron.* 21:10:1007-14. (2400)

Abortive seeds in soybeans. *Ibid.* 22:1:37-50. (4200)

WRIGHT, IVAN

(3) Articles:

The Chicago Stock Exchange and La Salle Street penetrates to every corner of the country. *La Salle Street Herald.* 1:1:June, 1929.

The Chicago Stock Exchange call money market. *Ibid.* 2:2:July 5, 1929. (5000)

How the investor buys and sells on the Chicago Stock Exchange. *Ibid.* 2:2:July 5, 1929. (5000)

Call money and the money market. *Ibid.* 3:July 20, 1929. (3500)

Common stocks vs. investments during bear markets. *Ibid.* 1:18. (5000)
State call loan law to expand city money market. *Chicago Com.* June 29, 1929. (4000)

Advantages to both the investor and the corporation of listing on the Chicago Stock Exchange. *Ibid.* July 13, 1929. (3000)

Chicago gets a call money market. *J. Amer. Bankers' Assoc.* July, 1929. (3000)

Chicago Stock Exchange markets Illinois securities. *Ill. J. Com.* July, 1929. (3000)

Chicago Stock Exchange and the business man. *Cherry Circle.* August, 1929. (3000)

Chicago's new money market keeps bank funds at work. *Mid-Western Banker.* August, 1929. (5000)

The call money market of Chicago and its ramifications. *Ill. Bankers' Assoc.* 2:3. (5000)

The Federal Reserve statement as a barometer of business and the money market. *Central-Illinois Co., Mimeo. Bul.* April, 1930. Chicago. (6000)

The organization of the money market and its ramifications with the Federal Reserve System at the head of the organization. *Ibid.* April, 1930. (8000)

WRIGHT, IVAN

(3) Articles (continued)

- The reserve banks and the control of the money market. *Ibid.* April, 1930. (8000)
The Federal Reserve Bank and the control of the money market, continued. *Ibid.* April, 1930. (8000)
Bankers, bondmen, and brokers as investment and money market counselors. *Ibid.* May, 1930. (8000)
The International Bank of Settlements and its function in the international money market. *Ibid.* May, 1930. (8000)
What the Chicago money market needs and how to get it. *Ibid.* May, 1930. (8000)

YAPP, W. W.

(4) Books:

with Nevens, W. B.

Dairy cattle. Revised. John Wiley and Sons, Inc., N. Y. 1930. 375 pp.

YNTEMA, L. F.

(3) Articles:

- The separation of columbium and tantalum by electrolytic hydrolysis. Trans. Amer. Electrochem. Soc. LV:209-13. (1230)
with Winters, R. W.
The preparation of beryllium chloride from beryl. *Ibid.* LV:205-8. (925)

YOUNG, A. L.

see Dungan, G. H.

YOUNG, P. T.

(3) Articles:

- Studies in affective psychology: VIII. The scale of values method. IX. The point of view of affective psychology. X. Some general conclusions. Amer. J. Psych. 42:1:17-37. (8500)
The trained observer in affective psychology. *Ibid.* 41:3:516. (350)
Precautions in animal experimentation. Psych. Bul. 27:2:119-20. (500)
A pseudophonic study of auditory space. Proc. and Papers 9th Internat. Cong. Psych. pp. 498-99. (400)

ZEITLIN, JACOB

(1) Book notices:

- Montaigne as traveller (The diary of Montaigne's journey to Italy in 1580 and 1581, by E. J. Trechmann). Books. V:51:24. (1000)
The trials of Byron's wife (The life and letters of Lady Byron, by Ethel Colburn Mayne). *Ibid.* VI:5:20. (1200)
Hero-worship (Carlyle to three-score-and-ten, by David Alec Wilson). *Ibid.* VI:8:19. (700)
English painter (The Farrington Diary, Vol. VIII). *Ibid.* VI:15:11. (300)
The hero-will (The life of George Meredith, by R. E. Sencourt). *Ibid.* VI:19:14. (1000)

(1) Book notices (continued)

Boswell and his friends ("Diaries of W. J. Temple," edited by Lewis Bettany; and "Doctor Johnson and Mr. Boswell," by Harry Salpeter).

Ibid. VI:22:14. (800)

The stamp of Oxford (Laud, by Robert P. Tristram Coffin). *Ibid.* VI:34:10. (1000)

Historians and enemies (Froude and Carlyle, by Waldo Dunn). *Ibid.* VI:34:12. (1200)

Essays in intellectual history. *Ibid.* VI:36:13. (250)

The correspondence of Henry Crabb Robinson with the Wordsworth Circle, edited by Edith J. Morley. *J. Engl. and Germ. Philol.* XXIX:2:290-93. (2000)

(3) Articles:

Stuart P. Sherman and Paul Elmer More. *Bookman.* LXX:1:43-53. (6000)

(4) Books:

with Woodbridge, Homer

Life and letters of Stuart P. Sherman. Farrar and Rinehart, N. Y. 1929. xiv + 880 pp.

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BOOKS AND ARTICLES PUBLISHED BY THE CORPS OF
INSTRUCTION OF THE UNIVERSITY OF ILLINOIS

May 1, 1930—April 30, 1931

The publications of the faculty of the University of Illinois during the past year ended April 30, 1931, are listed below under four heads, namely: (1) Book reviews which are of the character of book notices; (2) Book reviews which are essentially original articles or contributions to the discussion of the subject matter of the book or articles reviewed; (3) Articles; (4) Books. Numbers in parentheses are approximate numbers of words.

ADAMS, L. A.

(3) Articles:

Determination of age in fishes. Trans. Ill. State Acad. Sci.
23:3:219-26. (2400)

ADAMS, ROGER

(3) Articles:

With L. H. Bock and W. W. Moyer:

Stereochemistry of diphenyl compounds. V. Preparation and resolution of 2,4,6,2',4',6'-hexanitro-3,3'-dicarboxydiphenyl. J.A.C.S. 52:2054-60. (2500)

With H. A. Stearns:

Stereochemistry of diphenyl compounds. VI. Preparation and resolution of 2,4,6,2',4'-pentanitro-3-carboxydiphenyl. *Ibid.* 52:2070-75. (2500)

With C. M. Greer:

Preparation and bactericidal properties of certain pentadecanoic, heptadecanoic, and nonadecanoic acids. XIX. *Ibid.* 52:2540-43. (1500)

With R. W. Maxwell:

Study of possible isomerism of certain analogs of resolvable diphenyl compounds. VII. *Ibid.* 52:2959-72. (6000)

With E. Browning:

Stereochemistry of diphenylbenzenes. Preparation of stereoisomeric 3,6-di-(2,4-dimethylphenyl)-2,5-dibromohydroquinones and their derivatives. IX. *Ibid.* 52:4098-107. (4500)

With W. M. Stanley:

The stereochemical study of diphenyl-2,2'-disulfonic acid. VIII. *Ibid.* 52:4471-76. (3000)

With Catherine Cassels Steele:

Stereochemistry of phenylpyridine compounds. The preparation and investigation of 2-(2-carboxy-6-chlorophenyl)-pyridine-3-carboxylic acid and 3-(2-carboxyphenyl)-6-phenylpyridine-2,4-dicarboxylic acid. X. *Ibid.* 52:4528-35. (3500)

With J. B. Hale and W. H. Lycan:

Synthesis of nervonic acid. *Ibid.* 52:4536-39. (2000)

ADAMS, ROGER

(3) Articles (continued)

With P. R. Shildneck:

Stereochemistry of diphenylbenzenes. Meso and racemic 2,5-di-(3-bromo-2,4,6-trimethylphenyl)-3,6-dibromohydroquinones and the corresponding quinones. XII. *Ibid.* 53:343-52. (5000)

With L. H. Bock:

The stereochemistry of N-phenylpyrroles. The preparation and resolution of N-2-carboxyphenyl-2,5-dimethyl-3-carboxypyrrole. XIII. *Ibid.* 53:374-76. (1500)

With E. C. Kleiderer:

Stereochemistry of diphenyl compounds. The preparation and resolution of 3,5,3',5'-tetramethyl-2,2'-difluoro-6,6'-diaminodiphenyl. XIV. *Ibid.* 53:1575-80. (2500)

(4) Books:

With W. H. Carothers, H. T. Clarke, J. B. Conant, Henry Gilman, C. S. Marvel, C. R. Noller, and F. C. Whitmore:

Organic syntheses, vol. XI. John Wiley & Sons, N. Y. 1931. vii + 106 pp.

ADAMSTONE, F. B.

(3) Articles:

A modification of the technic of handling chick embryos. *Stain Technol.* VI:2. (600)

Age and growth records on fossil fish scales. III. *State Acad. Sci.* 23:3:227-230. (1700)

ALLEN, C. L.

(2) Original reviews:

The student's history of printing, by Merritt Way Haynes. *U. S. Pub.* VIII:10:49. (700)

(3) Articles:

Waging and winning a community campaign. *Emory U. Bul.* XVI:9:14-18. (2500)

Editorial problems. *Ibid.* XVI:9:39-48. (6000)

Administrative problems. *Ibid.* XVI:9:79-93. (10,000)

Practical instruction. *Pub. Auxil.* 66:14:4. (700)

AMBROSIOUS, E. E.

(3) Articles:

With J. C. Reed:

Viscosity of refrigerants. Heating, Piping, and Air Conditioning. 2:6. June, 1930.

Flow of fluids. *Ibid.* 2:7. July, 1930.

The design of evaporators. *Ibid.* 3:4. Apr., 1931.

Some limitations of a diagram for gas flow in pipes. *Ibid.* 3:5 May, 1931.

Volumetric efficiency of a vertical single acting ammonia compressor. *Refrig. Eng.* 21:3. March, 1931.

Volumetric efficiency of an ammonia compressor. *Ice and Refrig.* 8:3. March, 1931. Reprinted in the *Technograph*. XLV:6. Apr., 1931.

ANDERSON, A. MARIE

(4) Books:

Syllabus of design and color. Daniels & Shoaff, Champaign, Ill.
1930. 64 pp.

ANDREWS, A. I.

(3) Articles:

Acid-resisting white dry process cast-iron enamels. J. Amer. Cer.
Soc. XIII:8. Aug., 1930.

The development of acid-resisting white sheet steel enamels. *Ibid.*
XIII:6. June, 1930.

A systematic method for the investigation of sheet-iron enamels.
Ibid. XIII:7. July, 1930.

With E. A. Hertzell:

Progress report on the effect of furnace gases on the quality of
enamels. *Ibid.* XIII:8. Aug., 1930.

The effect of furnace gases on the quality of enamels for sheet
steel. U. of Ill. Eng. Exp. Sta. Bul. 214.

The effect of smelter atmospheres on the quality of enamels for
sheet steel. *Ibid.* 224.

With H. W. Alexander:

The effect of smelter atmospheres on the quality of dry process
enamels for cast iron. *Ibid.* 227.

ARNOLD, LLOYD

(3) Articles:

Influence of chemical reactions and bacterial flora of the small in-
testine on dental pathologic lesions. J. Amer. Dent. Assoc.
XVIII:119-30. (4000)

With L. Shapiro:

An experimental study of host susceptibility to cholera. Indian
Med. Gaz. LXV:9. (2500)

With C. Gustafson:

Home pasteurization of milk. Amer. J. Public Health. XX:10:
1065-70. (1500)

With A. J. Nedzel:

Intermittent fecal elimination of bacteria in chronic biliary carriers.
Trans. Chicago Path. Soc. 13:3:227-28. (700)

Influence of eggwhite upon the absorption of bacteria from the
intestinal tract. Proc. Soc. for Exper. Biol. and Med. 28:4:358-
60. (340)

Influence of eggwhite upon the elimination of bacteria into the
intestinal tract. *Ibid.* 28:4:360-61. (580)

Influence of eggwhite upon the cyclic circulation of bacteria in the
splanchnic area. *Ibid.* 28:4:361-64. (570)

Influence of eggwhite in the duodenum upon the elimination of
bacteria into the gallbladder. *Ibid.* 28:4:364-66. (370)

Absorption of bacteria from the gallbladder. *Ibid.* 28:4:366-67.
(360)

ARNOLD, LLOYD

(3) Articles (continued)

With R. Karns:

Optimum bacterial suspension for testing skin disinfection. *Ibid.* 28:4:375-76. (300)

With S. Furby:

Influence of gastric acid secretion upon the bactericidal power of the gastrinal intestinal tract. *Ibid.* 28:4:372-74. (400)

With B. Montgomery, A. Boor, and O. Bergeim:

Destruction of yeast in the normal human stomach. *Ibid.* 28:4:385. (200)

ARON, A. W.

(1) Book notices:

Deutsche Literatur. Sammlung literarischer Kunst- und Kulturdenkmaler, etc. J. Engl. and Germ. Philol. XXIX:4:590-96. (2500)

(3) Articles:

The gender of English loan-words in colloquial American German. *Curme Vol. Linguistic Studies, Lang. Mono.* 7:11-28. (7250)

ASHBY, R. C.

(3) Articles:

Standardized market classes and grades for livestock. *Amer. Coop.* 1:199-205. (3000) *Reprinted in part—Cattleman.* XVII:5:17-20. (2800)

Trends in livestock marketing. *Proc. Internat. Conf. Agr. Econ.* 2:611-18. (2800)

Shippers who get top may be cheated. *Nat. Livestock Prod. Mag.* 9:1:10. (2600)

Heavy load scale tests, why. *Ibid.* 9:2:14. (1000) *Reprinted in part—Scale J.* 17:2:7. (750)

Practices and problems of shipping associations. *Amer. Herdsman* 5:10:10-11. (4000)

AUDRIETH, L. F.

(1) Book notices:

Thirty reviews of chemical articles appearing in foreign publications. *Chem. Abst.* vols. 24 and 25. (2500)

(3) Articles:

A classification of compounds of hydrogen and nitrogen. *J. Chem. Educ.* 7:2055-62. *Trans. Ill. State Acad. Sci.* 23:3:294-30 (3000)

With H. W. Nelson:

Electrodeposition of metals from non-aqueous solvents. *Chem. Re.* 8:335-52. (4000)

With L. F. Yntema and H. W. Nelson:

The electrodeposition of metals from solutions of their salts non-aqueous solvents. *Ibid.* 23:3:302-06. (1500)

AUDRIETH, L. F.

(3) Articles (continued)

With L. F. Yntema:

Preliminary study of the electrodeposition of metals from liquid ammonia solutions of their salts. *J. Phys. Chem.* 34:1903-06. (700)

Acetamide and formamide as solvents for the electrodeposition of metals. *J. A. C. S.* 52:2693-98. (2000)

With A. W. Browne:

Azido-carbondisulfide. IV. Preparation and properties of the new interhalogenoid, cyanogen azido-dithiocarbonate. *Ibid.* 52:2799-805. (2700)

With J. R. Johnson and A. W. Browne:

Azido-dithiocarbonic acid. V. Alkyl and acyl derivatives. *Ibid.* 52:1928-35. (2900)

With V. duVigneaud and H. S. Loring:

The reduction of cystine in liquid ammonia by metallic sodium. *Ibid.* 52:4500-04. (1800)

With E. E. Jukkola, R. E. Meints, and B. S. Hopkins:

Observations on the rare earths. XXXVII. Electrolytic preparation of rare earth amalgams. I. Preparation of amalgams of lanthanum and neodymium. *Ibid.* 53:1805-09. (1700)

(4) Books:

With J. H. Reedy:

Laboratory exercises, Chemistry 4 (rev. ed.). Urbana, Ill. 1931. 62 pp.

BABBITT, H. E.

(3) Articles:

Engineering conditions in Hawaii. *Eng. News-Rec.* 104:976-79. (4000)

Water supply and sewerage of large Japanese cities. *Ibid.* 104:729-32. (4000)

Public works construction in Australia. *Ibid.* 106:114-18. (4500)

Control of the Nile for irrigation. *Ibid.* 105:206-09. (4000)

Public works in New Zealand. *Ibid.* 105:967-71. (4500)

Public health in Manila. *Ibid.* 105:808-11. (4000)

Public water supplies in British India. *Ibid.* 105:678-82. *Water Works J.* 23:3:4-8. (5000)

Glimpses of world engineering. *Technograph.* 45:11-15. (5000)

The Melbourne sewage farm. *Amer. City.* 43:149-50. (2500)

The World Engineering Congress. *Ill. Eng.* 6:4:1-3. (2500)

Public works abroad. *Theta News.* 7:3:213-20. (5000)

BACHEM, ALBERT

(3) Articles:

The resistance of various tissues for various electric currents. *Arch. Phys. Therapy, X-ray, and Radium.* 11:8:391-94. (1600)

Ultraviolet prophylaxis. *Ibid.* 11:12:686-87. (1200)

Die lichtdurchdringung der menschlichen haut. *Strahlentherapie.* 39:30-56. (5000)

BACHEM, ALBERT

(3) Articles (continued)

With C. I. Reed:

The penetration of light through human skin. *Amer. J. Physiol.* 97:1:86-91. (1500)

BAILAR, J. C., JR.

(3) Articles:

The study of isomerism in general chemistry. *J. Chem. Educ.* 8:2:310-15. (3000)

The effect of substituents upon rearrangement of benzopinacol. *J. A. C. S.* 52:9:3596-603. (3500)

Isomerism in inorganic chemistry. *Trans. Ill. State Acad. Sci.* 23:3:307-09. (1500)

Some studies in the pinacol series. *Ibid.* 23:3:310-12. (1250)

BAILY, H. H.

(3) Articles:

First-year examinations. *Acct. Rev.* VI:1:57-61. (2500)

(4) Books:

With H. T. Scovill:

Illustrative problems in elementary accounting. D. C. Heath & Co., Boston. 1931. 106 pp.

BAKER, F. C.

(3) Articles:

The variation of molluscan life during Pleistocene and Recent time. *Nautilus.* 44:21-24. (1080)

Description of a new variety of *Valvata lewisi* Currier. *Ibid.* 44:119-21. (550)

On genus and species making. *Science.* 72:1854:37-39. (1650)

Influence of the glacial period in changing the character of the molluscan fauna of North America. *Ecology.* 11:469-80. (5000)

Notes on Professor Shimek's paper on land snails as indicators of ecological conditions. *Ibid.* 11:788-89. (975)

Additional notes on animal life associated with the mound builders of Illinois. *Trans. Ill. State Acad. Sci.* 23:3:231-35. (1850)

A restudy of the interglacial molluscan fauna of Toronto, Canada. *Ibid.* 23:3:358-66. (3350)

BALDUF, W. V.

(3) Articles:

The oviposition habits of *Feltia subgothica* Haw. (Noctuidae, Lep.) *Proc. Ent. Soc. of Wash.* 33:4:81-88. Apr., 1931. (3600)

BALDWIN, E. C.

(1) Book notices:

The Hebrew advantage, by C. H. Parry. *B'nai B'rith Mag.* 45:2:58. (500)

The secret of the Jew, by David Miller. *Ibid.* 44:12:456. (800)

"Traitor!" by J. D. Kerkhoff. *Ibid.* 45:3:107-08. (800)

Milton's rabbinical readings, by Harris Fletcher. *Ibid.* 45:7:252. (700)

BALDWIN, T. W.

(1) Book notices:

Marlowe and his circle, by F. S. Boas. *Mod. Lang. Notes*. XLV:5:329-31. (500)

(3) Articles:

William Kemp not Falstaff. *Mod. Lang. Rev.* XXVI:2:170-72. (1000)

Normal amount of teaching and research (report of Committee T). *A. A. U. P. Bul.* XVII:3:213-19. (3000)

(4) Books:

William Shakespeare adapts a hanging. Princeton Univ. Press, Princeton, N. J. 1930. xii + 202 pp.

BALSEIRO, J. A.

(2) Original reviews:

Aristas, by Antonio S. Pedreira. I and II. *Puerto Rico Ilustrado*. 1084:3 and 1085:5. (2200)

(3) Articles:

Milagro de belleza. *La Esfera*. 879:16-17. (1376)

Nuevas notas sobre Gautier Benitez. *Hispania*. XIII:6:485-96. (3600)

The Puerto Rican Danza. *Present-day Amer. Lit.* IV:1:9-12. (2800)

BARTLETT, J. H., JR.

(3) Articles:

Nebular spin. *Phys. Rev.* 37:3:327.

Orbital valency. *Ibid.* 37:5:507-31.

BARTLETT, R. W.

(3) Articles:

Price plans for marketing milk. *U. of Ill. Agr. Exp. Sta. Circ.* 358:1-20. *Milk Plant Mo. Jan.*, 1931. 42-48, 60-65. (3000)

A price plan for selling milk by collective bargaining associations. *Pa. State Coll. Agr. Exp. Sta. Bul.* 251:1-32. (16,000)

BAUER, F. C.

(3) Articles:

Crop yields from Illinois experiment fields in 1929. *U. of Ill. Agr. Exp. Sta. Bul.* 347:323-68. June, 1930. (5000)

Response of Illinois soils to systems of soil treatment. *Ibid.* 362:436-517. December, 1930. (25,000)

Crop yields from Illinois soil experiment fields in 1930. *Ibid.* 370:215-64. May, 1931. (5000)

With E. A. Norton, R. S. Smith, E. E. DeTurk, and L. H. Smith:

Edwards County soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 46:1-69. July, 1930. (28,500)

Effingham County soil report. *Ibid.* 48:1-55. Feb., 1931. (23,000)

With R. S. Smith, E. E. DeTurk, and L. H. Smith:

Piatt County soil report. *Ibid.* 47:1-55. Dec., 1930. (23,000)

BAYLEY, W. S.

(1) Book notices:

- Mineralogy: an introduction to the scientific study of minerals, by Sir H. A. Miers, 2d ed., by H. L. Bowman. *Econ. Geol.* 25:3:293. (475)
- Fusit: Vorkommen, Entstehung und praktische Bedeutung der Faserkohle, by O. Stutzer *et al.* *Ibid.* 25:3:296. (200)
- Handbook of the geology of Great Britain, ed. by G. W. Evans and C. J. Stubblefield. *Ibid.* 25:4:427. (330)
- Structure of typical American oilfields, vol. II. (Amer. Assoc. Petroleum Geol.) *Ibid.* 25:4:428. (240)
- Mining of alluvial deposits by dredging and hydraulicking, by W. E. Thorne and A. W. Hooke. *Ibid.* 25:5:551. (200)
- Petrographic methods and calculations, by A. Holmes. *Ibid.* 25:6:666. (180)
- Geochemie in ausgewählten Kapiteln, by W. J. Vernadsky. *Ibid.* 25:6:670. (200)
- Limestones, their origins, distribution, and uses, by J. F. North. *Ibid.* 25:7:774. (200)
- The study of crystals, by T. V. Barker. *Ibid.* 25:7:774. (250)
- Tables for the determination of minerals, 2d ed., by Kraus and Hunt. *Ibid.* 25:8:878. (75)
- Introductory economic geology, by W. A. Tarr. *Ibid.* 26:1:123-24. (250)
- Handbuch der Experimentalphysik. Teil. 3. *Ibid.* 26:2:232. (250)

BEADLES, JESSIE R.

(3) Articles:

With Winfred W. Braman and H. H. Mitchell:

- The cystine deficiency of the proteins of garden peas and of potatoes. *J. Biol. Chem.* 88:2:615-22. (1800)
- The relation between cystine deficiency in the diet and growth of hair in the white rat. *Ibid.* 88:2:623-27. (1500)

BEARD, J. H.

(3) Articles:

- Student health conditions—a mirror of childhood environment and medical care. *Trans. Ill. State Acad. Sci.* 23:3:524-32. (3000)
- Mental adjustment of college students. *School and Soc.* XXXII: 824:475-80. (3000)

BENJAMIN, A. C.

(3) Articles:

- The problem of knowledge. *J. Phil.* XXVII:14. (5000)

BERDAHL, C. A.

(1) Book notices:

- Oppenheim's International Law, vol. I, Peace, 4th ed., by Arnold D. McNair. *Amer. Bar Assoc. J.* 16:9:591-92. (400)

(2) Original reviews:

- Executive agents in American foreign relations, by Henry M. Wriston. *Mich. Law Rev.* 28:8:1067-69. (1500)

(2) Original reviews (continued)

- The open door and the mandates system, by Benjamin Gerig. *Amer. Pol. Sci. Rev.* 24:3:777-79. (900)
The law of martial rule. *Ibid.* 25:2:457-59. (800)
City bosses in the United States, by Harold Zink. *Miss. Val. Hist. Rev.* 17:4:670-72. (1500)
The International Mandates, by Aaron M. Margalith; and La Jurisdiction de la Cour Permanente de Justice Internationale dans le Système des Mandats, by Nathan Feinberg. *Ill. Law Rev.* 25:7:857-60. (1500)

(3) Articles:

- The establishment of the League of Nations and American public opinion. *League of Nations Chr.* 3:5:2,5. (1500)
American influence in the drafting of the Covenant. *Ibid.* 3:6:2,6. (1500)
The treaty fight in the Senate. *Ibid.* 3:7:2,5. (1500)
The League as a political issue. *Ibid.* 3:8:2,5. (1500)
The campaign of 1920. *Ibid.* 3:9:2,5; 3:10:2. (2000)
The Republican proposal for an association of nations. *Ibid.* 3:12:2,5. (1500)
The period of non-recognition. *Ibid.* 4:1:2,5. (1500)
The period of unofficial recognition. *Ibid.* 4:2:2,6. (1500)
The period of official cooperation. *Ibid.* 4:3:2,6. (1500)
Methods of cooperation. *Ibid.* 4:4:2,5. (1500)
Recent publications of political interest (compilations). *Amer. Pol. Sci. Rev.* 24:2:528-70; 3:812-53; 4:1076-1108. (45,000)

(1) Book notices:

- The five-day week in manufacturing industries, by the National Industrial Conference Board. *Amer. Econ. Rev.* 20:3:529. (400)
A history of the Illinois State Federation of Labor, by Eugene Staley. *Ibid.* 20:4:745-47. (900)
Operating aspects of industrial mergers, by W. R. Bassett; and Merchandising through mergers, by J. A. Murphy. *Amer. Fed.* 37:12:1535-36. (800)
A new economic order, ed. by Kirby Page. *World Tomorrow.* 13:5:227. (900)

(3) Articles:

- Injunctions—a way out. *Commonwealth Coll. Fortnightly.* 6:8:3-4. (700). Reprinted in *St. Louis Post-Dispatch*, June 26, 1930. p. 2c.
The Railway Labor Act and the Supreme Court. *Ill. State Fed. of Lab. Weekly News Letter.* 16:19:1,4. (2700)
Trade unions and the law. *Ibid.* 16:34:1,3-4. (5000)
The Supreme Court moves to the left. *World Tomorrow.* 13:10:411-12. (1150)
Judge Parker and the Sherman Act. *Amer. Fed.* 37:11:1379-81. (1600)

BERMAN, EDWARD

(3) Articles (continued)

The Supreme Court and the Railway Labor Act. *Amer. Econ. Rev.* 20:4:619-39. (10,000). *Reprinted* Railway Clerk. 30:2:64-65, 91-92.

(4) Books:

Labor and the Sherman Act. Harper & Brothers, N. Y. 1930. xviii + 332 pp.

With W. R. Tylor and B. F. Timmons:

A community labor survey. U. of Ill. Bur. Bus. Res. Bul. 34. 58 pp.

BERNBAUM, ERNEST

(3) Articles:

Recent works on prose fiction before 1800. *Mod. Lang. Notes.* XLVI:95-107. (4000)

The practical results of the humanistic theories. *Engl. J.* XX:103-09. (2000)

(4) Books:

Guide through the romantic movement. Thomas Nelson & Sons, N. Y. 1930. x + 480 pp.

With Carleton Brown, A. C. Baugh, C. H. C. Wright, J. P. W. Crawford, and W. W. Nordmeyer:

Publications of the Modern Language Association for 1930. ccxxxiii + 1277 pp.

(4a) Books edited:

In the Leland Stanford Miscellany:

Chateaubriand's *Atala*, by William Leonard Schwartz. 1930. xii + 114 pp.

Sarah Byng Osborn's Letters, by John McClelland. 1930. xix + 148 pp.

In Nelson's English Series, Thomas Nelson & Sons, N. Y.:

An introduction to journalism, by Lawrence W. Murphy. 1930. 360 pp.

Malory to Mrs. Behn, by A. M. Turner and P. H. Turner. 1930. 418 pp.

Samuel Butler's *Erewhon*, by William A. Eddy. 1930. 290 pp.

Five significant English plays, by George R. Coffman. 1930. 433 pp.

Scott's *Talisman*, by Ezra Kempton Maxfield. 1930. 440 pp.

English practice book, by George Summey, Jr. 1930. 158 pp.

BIRCH, C. L.

(3) Articles:

The origin of pseudothrombocytes from leukocytes. *Anat. Rec.* 48:1:45-54. (2500)

Hemophilia. *Proc. Soc. for Exper. Biol. and Med.* 28:752-53. (500)

Pelvo-abdominal tumor weighing 7½ pounds and polyglandular hypofunction. *Med. Clin. N. Amer.* 14:80:1251-65. (3500)

BLACK, DOROTHY M.

(3) Articles:

Influence of the public library on the lives of men and women. *Libraries.* 35:7:299-305. (3000)

BLAIR, J. C.

(3) Articles:

Illinois pioneers in horticulture. Trans. Ill. State Hort. Soc.
64:206-36. (12,000)

BLAISDELL, DAISY L.

(1) Book notices:

Fundamentals of German, by H. C. Thurnau. Mod. Lang. J.
XV:6:2. (800)

BLANCHARD, W. O.

(1) Book notices:

Oceanic, continental, mediterranean and boreal climatic influences
and mountain climate in Europe as synthetised and represented
by characteristic plants. Geog. Institut. of Econ. Fac. of Univ.
of Budapest. 1:1:11. (150)

(3) Articles:

Austria and Switzerland: suggestive similarities and contrasts.
Trans. Ill. State Acad. Sci. 23:3:461-64. (1200)

(4) Books:

With S. S. Visher:

Economic geography of Europe. McGraw-Hill Book Co., N. Y.
1931. 507 pp.

BLATT, M. L.

(2) Original reviews:

Monthly review of United States Veterans' Bureau Medical Bulle-
tin. Mil. Surg. 1930-31. (6000)

(3) Articles:

St. Vincent's infant and maternity hospital: its past and future. Ill.
Med. J., Jan., 1931. (1500)

With R. D. Herrold and S. J. Hoffman:

Common pyogenic skin infections and observation on their biologic
treatment. *Ibid.* Nov., 1930, pp. 1-5.

Biologic therapy of *Gonococcus vulvovaginitis*: a preliminary re-
port. Ven. Dis. Inf. XI:9:1-8.

BLAYNEY, J. R.

(3) Articles:

The problem of the pulpless tooth, as seen by clinical and laboratory
investigation. J. Dent. Res. X:4:425-37.

BLICKENSDORFER, PHILIP

(3) Articles:

With Lawrence Templeton:

A study of the toxic properties of diethylphthalate. J. A. Ph. A.
XIX:11:1179-81. (1000)

BLOOM, MARGARET

(3) Articles:

Freshman response to modern literature. Engl. J. XX:2:145-48.
(1500)

BLOOM, MARGARET

(3) Articles (continued)

What college students read. *School and Soc.* XXXI:808:848-50. (1500)

G. W. Cable—a New Englander in the south. *Bookman*. LXXIII:4:401-03. (2100)

BOGART, E. L.

(2) Original reviews:

Social and economic history of the U. S., by H. J. Carman. *Amer. Hist. Rev.* XXXVI:3:646-47. Apr., 1931. (500)

(3) Articles:

Our interest in the reparation problem. *Atlantic Mo.*, Apr., 1930, pp. 555-61. (4000)

The Young plan for reparation. *Proc. Instit. Internat. Rel. (U. of S. Calif.)* 1930. 146-61. (8500)

Education for business. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:85-90. Reprinted in *J. Bus. Educ.*, Jan., 1931, pp. 32-34. (3900)

(4) Books:

Economic history of the American people. Longmans, Green & Co., N. Y. 1930. xiv + 810 pp.

BONIN, GERHARDT VON

(3) Articles:

Bemerkungen zur Einteilung der Gelenke. Über Amphiartrosen. *Anat. Anz.* 71:21,22:449-80. (1700)

Bau und Variationen des Iliopsoas. *Ibid.* 69:20,24:449-544. (2000)

Der Koeffizient der Rassenähnlichkeit und seine Anwendung am lebenden. *Anthrop. Anz.* VII:1,2:82-102. (8000)

Rassenunterschiede der Trochlea Tali. *Zeit. f. Morph. u. Anthr.* XXVII:3:422-28. (2200)

Studien zum *Homo rhodesiensis*. *Ibid.* XXVII:3:347-81. (9400)

Untersuchungen über die Form der Oberschenkelknorren. *Zeit. f. Anat. u. Ent.* 92:5:668-77. (3500)

BONNETT, O. T.

(3) Articles:

With C. M. Woodworth:

A yield analysis of three varieties of barley. *J. Amer. Soc. Agron.* Apr., 1931. 23:4:311-27. (4000)

BOYD, ANNE M.

(3) Articles:

Responsibility for state-wide library publicity. *Ill. Lib.* 12:3:65-67. (1250)

(4) Books:

United States government publications as sources of information for libraries. H. W. Wilson Co., N. Y. 1931. 329 pp.

BRAHANA, H. R.

(3) Articles:

On the groups which contain a given invariant subgroup, etc. *Amer. J. Math.* LII:4:914-22. (4000)

BRAHANA, H. R.

(3) Articles (continued)

On the generators of the known simple groups whose orders are less than one million. *Ann. Math.* 31:4:529-49. (11,000)

BRITTON, W. E.

(1) Book notices:

Cases and materials on the law of sales, by Karl N. Llewellyn. Univ. of Pa. Law Rev. 79:3:377-80. (2000)

(3) Articles:

Equitable liens—a tentative analysis of the problem. *N. C. Law Rev.* 8:4:388-403. (9000)

The liability of a transferor by delivery and a qualified indorser. *Yale Law J.* 40:2:215-60. (27,000)

BRODIE, A. G.

(3) Articles:

What is orthodontia? *J. Amer. Dent. Assoc.* 17:6:1039-42. (2400)

A discussion of the newest angle mechanism. *Angle Orth.* 1:1:32-37. (2700)

BRONSTEIN, I. P.

(3) Articles:

Scurvy: report of a case. *Ill. Med. J.* LVII:6:411-13. (1000)

Diagnostic pitfalls. *Arch. Ped.* XLVII:10:615-23. (3000)

BROOKS, N. C.

(1) Book notices:

Lobrede von wegen des Meyen. Von Kaspar Scheidt. Herausgegeben von Philipp Strauch. *J. Engl. and Germ. Philol.* 29:4:602-03. (500)

(3) Articles:

Kuno Francke. *Necrology. Ibid.* 30:1:140-41. (450)

BROWN, C. A.

(3) Articles:

Good cream—good butter. *Mo. Ruralist.* 72:7:8. (700)

Grading plan for buying cream boosts butter consumption. *Butter and Cheese J.* 21:20:40. (700)

BROWN, H. A.

(3) Articles:

With E. B. Paine and J. T. Tykociner:

Methods of testing high voltage cables. *Bul. Util. Res. Com.* 1:10:3. (2000)

BUCHHOLZ, J. T.

(3) Articles:

Developmental selection in plants with special reference to pollen-tube growth in *Datura*. *Abst. Communications, 5th Internat. Botan. Congr., Cambridge, 1930.* 157-58. (600)

The dissection, staining, and mounting of styles in the study of pollen-tube distribution. *Stain Technol.* 6:13-24. (5000)

BUCHHOLZ, J. T.

(3) Articles (continued)

Twigs and buds. (reprinting) Ill. Jr. Sci. 1:28. (900)

The pine embryo and the embryos of related genera. Trans. Ill. State Acad. Sci. March, 1931. 23:3:117-25. (3300)

The Ozark white cedar. Bot. Gaz. 90:326-32. (2100)

With A. F. Blakeslee:

Pollen-tube growth and control of gametophytic selection in cocklebur, a 25-chromosome *Datura*. *Ibid.* 90:366-83. (6200)

Radium experiments with *Datura* I. The identification and transmission of lethals of pollen-tube growth in F_1 's from radium-treated parents. J. Hered. 21:119-29. (5000)

BULL, SLEETER

(3) Articles:

What is wrong with lard sales? Food Indus. 3:2. (1000)

Walking wheat to market. Breeder's Gaz. XCV:12. (2500)

The new meat appeal. *Ibid.* XCV:6. (2000)

Home butchering. *Ibid.* XCVI:2. (2500)

More meat-mindedness would help profits. Nat. Provisioner. 83:3. (2000)

Are we meat-minded? Butchers' and Packers' Gaz. 122:51. (2000)

Retail meat price problem is analyzed. *Ibid.* 123:22;23. (1750)

With W. E. Carroll, F. C. Olson, G. E. Hunt, and J. H. Longwell:

Effect of soybeans and soybean oil meal on quality of pork. U. of Ill. Agr. Exp. Sta. Bul. 366:34-80.

With F. C. Olson and J. H. Longwell:

Effects of sex, length of feeding period, and ration of ear-corn silage on the quality of baby beef. *Ibid.* 355:165-233; Abst. *Ibid.* 355:1-19.

BURGY, J. H.

(3) Articles:

Land utilization in the Greenfield, Massachusetts, region as affected by geographic conditions. Proc. H. S. Conf., U. of Ill. Bul. 28:16:144-45. (1400)

The New England cotton textile industry. A study in industrial geography. Clark Univ. Thesis Abst. 2:7-11. (1100)

BURLISON, W. L.

(3) Articles:

With J. C. Hackleman and O. H. Sears:

Growing alfalfa in Illinois. U. of Ill. Agr. Exp. Sta. Bul. 349:410-48. June, 1930. (12,000)

With J. R. Holbert:

Some questions and answers on cold injury to corn. Ill. State Farmers' Instit. Rpt. 1930. 5-14. (2500)

Prevent corn losses from cold. Prairie Farmer. Apr. 4, 1931. 2 pp. (2200)

BUSEY, GARRETA H.

(1) Book notices:

- Women: Women are like that, by E. M. Delafield. Books (N. Y. Her.-Trib.) 7:5:12. (500)
- Tales like soap bubbles: Goods and Chattels, by Laura Benet. *Ibid.* 6:34:5. (500)
- A patriot poet: America the dream, by Katherine Lee Bates. *Ibid.* 6:34:10. (500)
- Embarrassing moments: Cornered poets, by Laurence Housman. *Ibid.* 6:42:5. (500)
- Daguerreotypes, by Ada Wallas. *Ibid.* 6:42:10. (500)
- Lincoln in the White House: The last full measure, by Honore Willsie Morrow. *Ibid.* 6:45:4. (500)
- Inspired by fear: The waters under the earth, by Martha Ostenso. *Ibid.*, 7:8:7. (500)
- Mute desires: Bridal pond, by Zona Gale. *Ibid.* 7:9:6. (450)
- Rebecca's lively uncles: Four contemporary novelists, by Wilbur L. Cross. *Ibid.*, 7:11:7. (500)
- Mr. Sitwell's century: Sober truth, ed. by Margaret Barton and Osbert Sitwell. *Ibid.* 7:13:41. (400)
- An artistic friendship: Henry James: Letters to A. C. Benson and Auguste Monod, ed. by E. F. Benson. *Ibid.* 7:15:2. (400)
- Sunshine and tears: Letters of James Whitcomb Riley, ed. by William Lyon Phelps. *Ibid.* 7:16:7. (500)
- Fannie Hurst's power: Back street, by Fannie Hurst. *Ibid.* 7:19:4. (400)
- The witch or the devil: Reader, I married him, by Anne Green. *Ibid.* 7:23:2. (400)
- For pity's sake: The indiscreet years, by Larry Barretto. *Ibid.* 7:24:6. (400)
- George Sand for children: Tales of a grandmother, by George Sand, tr. by Margaret Bloom. *Ibid.* 7:26:8. (500)
- Nightmare in Piccadilly: Above the dark tumult, by Hugh Walpole. *Ibid.* 7:30:4. (500)

(3) Articles:

To W. F. *Ibid.* 6:38:4. (170)

BUSWELL, A. M.

(3) Articles:

With C. S. Boruff:

- Fermentation products from cornstalks. Ind. and Eng. Chem. 22:9: 931-33. (2500)
- Production of fuel gas by anaerobic fermentations. *Ibid.* 22:11: 1168-72. Ill. State Water Surv. Circ. No. 10. (4800)

With S. L. Neave:

- The anaerobic oxidation of fatty acids. J. A. C. S. 52:7:3308-14. (3000)
- Chemical studies on sludge digestion. Ill. State Water Surv. Circ. 8:1-9. (2500)

BUSWELL, A. M.

(3) Articles (continued)

With S. L. Neave:

Laboratory studies on sludge digestion. State Water Surv. Bul. 30:1-84. (35,000)

With G. E. Symons and E. L. Pearson:

Studies on two-stage sludge digestion, 1928-29. *Ibid.* 29:1-92. (40,000)

CAHN, A. R.

(3) Articles:

A set of albino eggs of *Ambystoma microstomum*. Copeia. 1930: 1:18-19. (400)

On the food of certain owls in east-central Illinois. Auk. XLVII: 3:323-28. (2000)

A study of the auditory ossicles of the living and fossil beaver. J. Mammalogy. XI:3:292-300. (2000)

Additions to the Easter birds of Little Egypt. Wilson Bul. XLII: 3:214-15. (750)

Frank Smith: teacher. Ill. Audubon Bul. 1930. (500)

Robert Ridgway. Trans. Ill. State Acad. Sci. 23:1:33. (400)

Stephen Alfred Forbes. *Ibid.* 23:1:35. (400)

CALLEN, A. C.

(4) Books:

With D. R. Mitchell:

Washability tests of Illinois coals. U. of Ill. Eng. Exp. Sta. Bul. 217. 112 pp.

CALVIN, J. K.

(3) Articles:

The prognosis of tetanus. J. A. M. A. 94:1977.

CAMERON, E. H.

(3) Articles:

Algebra and the low I.Q. Trans. Ill. State Acad. Sci. 23:3:550-53. (1600)

(4) Books:

Viewpoints in educational psychology. Century Co., N. Y. 1930. viii + 507 pp.

CANTER, H. V.

(3) Articles:

The venerable Bede and the Colosseum. Trans. Amer. Philol. Assoc. LXI:1930:150-64. (6500)

Venusia and the native country of Horace. Class. J. XXVI:6:439-56. (6700)

Roman amphitheatres. Latin Notes, Sup. VIII:49:1-4. (3000)

CARD, L. E.

(3) Articles:

With H. H. Mitchell and T. S. Hamilton:

Further studies on the vitamin E requirements of poultry. II. The performance of pullets raised on a vitamin E free diet. Proc. 22nd An. Meet. Poultry Sci. Assoc. 1930:29-31. (1500)

CARD, L. E.

(3) Articles (continued)

The minimum nutritive requirements of single-comb white-leghorn chickens. Trans. 4th World's Poultry Congr. (London) 1930: 301-06. (2100)

With E. Roberts:

Inheritance of resistance to pullorum disease. *Ibid.* 1930:488-93. (2500)

CARMICHAEL, R. D.

(1) Book notices:

Review of Vol. IV of Lie's *Gesammelte Werke*. Bul. Amer. Math. Soc. 36:337. May, 1930. (300)

Six abstracts. *Ibid.* 36: 639, 640, 647, 648. Sept., 1930. (1200)

(2) Original reviews:

The new mechanics. Reviews of L. De Broglie: *Einführung in die Wellenmechanik*. G. Birtwistle: *La nouvelle mécanique des quanta*. H. Weyl: *Gruppentheorie und quantenmechanik*. *Ibid.* 36:459-62. July, 1930. (2200)

(3) Articles:

Concerning quasi-k-fold transitivity of permutation groups. *Ibid.* 36:857-62. Dec., 1930. (2500)

Finite geometries and the theory of groups. Amer. J. Math. 52:745-88. 1930. (22,000)

Tactical configurations of rank two. *Ibid.* 53:271-40. Jan., 1931. (12,000)

Mathematics and the colleges of education and liberal arts. School and Soc. 33:251-62. Feb. 21, 1931. (7000)

On a question related to Waring's problem. Qt. J. Math. (Oxford). 2:59-67. March, 1931. (4000)

On expansions of arithmetical functions. Proc. Nat. Acad. Sci. 16:613-16. Sept., 1930. (1800)

(4) Books:

The logic of discovery. Open Court Pub. Co., Chicago. 1930. ix + 280 pp.

With E. R. Smith:

Mathematical tables and formulas. Ginn & Co., Boston. 1931. viii + 269 pp.

CARNAHAN, D. H.

(4) Books:

Brief French grammar (revision of the Fraser and Squair elementary Grammar). D. C. Heath & Co., Boston. 1931. x + 364 pp.

CARROLL, W. E.

(3) Articles:

Group feeding as a method of livestock experimentation. Proc. Amer. Soc. Anim. Prod. 1930. 34-44.

With T. S. Hamilton, G. E. Hunt, and H. H. Mitchell:

The production and cure of nutritional anemia in suckling pigs. J. Agr. Res. 40:10:927-38.

CARROLL, W. E.

(3) Articles (continued)

With H. H. Mitchell and G. E. Hunt:

Ferric citrate as an ingredient of mineral mixtures in paired feeding experiments with growing swine. *Ibid.* 40:10:921-26.

Potassium iodide as a mineral supplement in paired feeding experiments with growing swine. *Ibid.* 41:1:65-77.

With H. P. Rusk, W. B. Nevens, W. G. Kammlade, J. L. Edmonds, C. W. Crawford, and H. J. Sloan:

Utilizing the soybean crop in livestock feeding. U. of Ill. Agr. Exp. Sta. Circ. 369:1-44.

With Sleeter Bull, F. C. Olson, G. E. Hunt, and J. H. Longwell:

Effect of soybeans and soybean oil meal on quality of pork. U. of Ill. Agr. Exp. Sta. Bul. 366:35-80.

CASE, H. C. M.

(3) Articles:

Development of commercial farm management service. J. Farm Econ. 12:3:405-26. (7400)

Farm management opportunities and responsibilities. *Ibid.* 13:1:9-20. (4300)

With M. L. Mosher:

Better business on 600 farms. Country Gentleman. XCV:10:6. (2500)

CLARK, G. L.

(2) Original reviews:

Ergebnisse der technischen Röntgenkunde. I. Die Röntgentechnik in der Materialprüfung, by 19 authors. Metals and Alloys. 1:18:918. (200)

Grundlagen der technischen Röntgendurchstrahlung, by Rudolph Berthold. *Ibid.* 1:18:918. (300)

Allgemeine physik der Röntgenstrahlen, by F. Kirchner. *Ibid.* 2:2:54. (300)

X-ray crystallography, by R. W. James. Radiology 16:1:76. (250)

(3) Articles:

X-rays in the service of chemistry and industry in 1931. J. Chem. Educ. 8:4:625-39. (5500)

Cellulose as it is completely revealed by x-rays. Ind. and Eng. Chem. 22:5:474-510. (18,000)

With C. W. Stillwell:

X-ray examination of commercial galvanized iron by a modified reflection method. *Ibid.*, Anal. Ed. 2:2:266-83. (8500)

Eine röntgenographische Studie und Chicle. Kautschuk. 7:4:62-66. (2000)

X-ray diffraction in liquids. Radiology. 15:7:66-71. (2500)

With Lucy W. Pickett and Eva D. Johnson:

New studies on the chemical effects of x-rays. *Ibid.* 15:8:245-62. (8500)

CLARK, G. L.

(3) Articles (continued)

With K. E. Corrigan:

The long spacings of rubber and cellulose. *Ibid.* 15:7:117-23. (3000)

X-rays show the way to better products. *Chem. Markets.* 26:6:585-89. (2000)

With Lucy W. Pickett:

X-ray investigations of optically active compounds. II. Diphenyl and some of its active and inactive derivatives. *J. A. C. S.* 53:1:167-77. (5500)

CLEVENGER, A. W.

(3) Articles:

Annual meeting of the North Central Association of Colleges and Secondary Schools. *School Rev.* 39:5:321-26. (2000)

Some suggestions relative to the solution of school administrative problems peculiar to home economics. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:172-76. (3300)

Health and physical education as a part of the program of studies of Illinois high schools. *Ill. H. S. Athlete.* 3:3;4. (3500)

Making the high school curriculum serve the best interests of democracy. *Nat. Educ. Assoc., Dept. Second. School Principals, Bul., March, 1931, pp.* 62-67. (1700)

COBLE, A. B.

(3) Articles:

A generalization of the Weddle surface, of its Cremona group, and of its parametric expression in terms of hyperelliptic theta functions. *Amer. J. Math.* 52:3:439-500. (30,000)

COLBY, A. S.

(3) Articles:

New facts regarding the pruning of the Concord grape. *Trans. Ia. State Hort. Soc.* 64:79-85. (4000)

The Japanese quince, an ornamental bearing edible fruit. *Amer. Fruit Growers' Mag.* 51:3:26-27. (900)

Some raspberry varieties being used as parents in breeding. *Proc. Amer. Soc. Hort. Sci.* 27:422-24. (1100)

Some woody plants of dual purpose value. *Trans. Ill. State Hort. Soc.* 64:491-99. (2300)

Some horticultural observations in the British Isles. *Ibid.* 64:471-77. (1900)

COLE, A. G.

(1) Book notices:

The chemical aspects of immunity, by H. Gideon Wells. *Arch. Path.* 9:4:965.

(3) Articles:

With A. K. Boor:

Denaturation of hemoglobin. *Proc. Soc. for Exper. Biol. and Med.* 27:1056-59.

CONVERSE, P. D.

(3) Articles:

- Nationality as a credit factor. Credit Craft and Modern Office.
21:218:5-6. (700)
Time studies in the University. J. Higher Educ. II:5:258-62.
(2300)
Retail mortality in Illinois. Bul. N. A. T. M. A. 1931:2:1-2. (700)
Retail mortality survey in Illinois—a fact finding study. Ill. Chamber of Commerce pamphlet. 49 pp.

CORNBLEET, THEODORE

(3) Articles:

- A reagent for demonstrating fungi in skin scrapings and hair.
J. A. M. A. 95:23:1743-44. (500)

CRANDELL, J. S.

(3) Articles:

- Fillers and bedding courses for brick pavements. Proc. Nat. Paving
Brick Mfrs. Assoc. 1931:9-18. (8000)
Fillers for brick and block pavements. Proc. Highway Res. Bd.
1930. (550)

CRANE, F. H.

(3) Articles:

- A comparison of some effects of blast furnace slag and of limestone
on an acid soil. J. Amer. Soc. Agron. 22:11:968-73.

CRATHORNE, A. R.

(3) Articles:

- Principles of statistical methodology. Amer. Stat. J. XXVI:173A:
27-32. (2500)
The relations between stability and homogeneity, by Bortkiewicz
(a translation). Ann. Math. Stat. II:1:1-22. (6000)

(4) Books:

With E. B. Lytle:

- Trigonometry. Henry Holt & Co., N. Y. 1930. 295 pp.

CROSS, HARDY

(3) Articles:

- Analysis of continuous frames by distributing fixed-end moments.
Proc. A. S. C. E. May, 1930.
Dependability of the theory of concrete arches. U. of Ill. Eng. Exp.
Bul. 203.
The column analogy. *Ibid.* 215.

DAVIS, D. J.

(3) Articles:

With I. Pilot:

- Sporadic septic sore throat due to *Streptococcus epidemicus*. J.
Inf. Dis. 47:508-10. (1500)

DAVIS, D. J.

(3) Articles (continued)

With I. Pilot and B. Hallman:

Human carriers of *Streptococcus epidemicus*. *Ibid.* 47:503-05. (2000)

A culture medium for the isolation of *Streptococcus epidemicus* of septic sore throat. *J. A. M. A.* 95:265-66. (1000)

DAY, W. B.

(3) Articles:

An historical sketch of the Illinois Pharmaceutical Association. *C. R. D. A. News.* Nov. 1, 1930, 18:59-61; Dec. 6, 1930, 18:60-61; Jan. 3, 1931, 19:58-60. (5055)

DECKER, S. W.

(2) Original reviews:

Peonies. *Flor. Pamph.* 6. 5 pp. (1800)

The status of gladiolus forcing. *Mich. Glad. Soc. Bul.* 10:11-12. Dec., 1930. (1000)

Experimental work, past and future. *Ill. Glad. Soc. Yr. Bk.* 1931: 50, 52, 54. (1700)

(3) Articles:

Experiments in forcing gladioli. *U. of Ill. Agr. Exp. Sta. Bul.* 357:345-61. (5000)

Summer-budded versus winter grafted roses. *Ibid.* 358:365-73. (2500)

Experimental work in floriculture at the U. of Ill. *Florist's Rev.* 67:1736:31. (1000)

Yield and quality of roses as affected by position on the bench. *Proc. Amer. Soc. Hort. Sci.* 27:454-56. (1000)

Experiments in rooting carnations. *Ibid.* 27:478-81. (1400)

DELL, G. H.

(3) Articles:

Effect of instrumental errors upon measurement of angles and running of lines. *Ill. Soc. Eng.* 45th An. Rpt. V:2:156-63. (2500)

DETURK, E. E.

(3) Articles:

With E. A. Norton, R. S. Smith, F. C. Bauer, and L. H. Smith:

Edwards County soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 46:1-69. July, 1930. (28,500)

Effingham County soil report. *Ibid.* 48:1-55. Feb., 1931. (23,000)

With R. S. Smith, F. C. Bauer, and L. H. Smith:

Piatt County soil report. *Ibid.* 47:1-55. Dec., 1930. (23,000)

DIAMOND, I. B.

(3) Articles:

The spinal arachnoid. *Arch. Neurol. and Psychiat.* 25:373-84. Feb., 1931.

DOLAND, J. J.

(3) Articles:

- Design of monolithic concrete siphons simplified by use of diagrams.
Eng. News-Rec. 104:26:1047-52. (4000)
Return flow of irrigation water. Technograph. 45:4:7-8, 22-23.
(3500)

DOLCH, E. W.

(3) Articles:

- Sampling of reading matter. J. Educ. Res. XXII:3:213-15. (750)
Measuring sentence ability. Engl. J., Coll. ed. XX:4:309-15. (1100)

DORSEY, M. J.

(3) Articles:

- General progress in horticulture in the last seventy-five years.
Proc. Ill. State Hort. Soc. 64:277-84. (2500)

With W. A. Ruth:

- A record of an unusual flood in an apple orchard. Proc. Amer. Soc.
Hort. Sci. 1930:565-69. (2000)

DRAFFIN, J. O.

(2) Original reviews:

- Theory of similarity of models, by B. F. Groat. Proc. A. S. C. E.
57:2:377. (500)

(3) Articles:

- The development of engineering mechanics. J. Eng. Educ. XXI:6:
457-63. (3300)
Our knowledge of stresses in materials. Mil. Eng. XXIII:128:107-
13 (7500)
Crystalline structure and its relation to strength and ductility. In
"Textbook of engineering materials," by H. F. Moore. 4th ed.
McGraw-Hill Book Co., N. Y. 1930. Ch. 9. 32 pp.

DUNBAR, LOUISE B.

(1) Book notices:

- The social and political ideas of some French thinkers of the age
of reason—a series of lectures, ed. by F. J. C. Hearnshaw.
Miss. Val. Hist. Rev. XVII:4:614-15. (500)

DUNGAN, G. H.

(3) Articles:

- Spring wheat in the corn belt. Wallace's Farmer. 56:10:326. March,
1931. (800)
Influence of nutritional balance upon the development of corn
plants. Trans. Ill. State Acad. Sci. 23:3:143-48. (2500)

With W. P. Flint, W. P. Hayes, and A. L. Young:

- Drouth checks corn-borer advance in 1930. U. of Ill. Agr. Exp. Sta.
Circ. 367: 1-8. Feb., 1931. (800)

DUVIGNEAUD, VINCENT

(3) Articles:

With Leonore Hollander:

The resolution of inactive cystine. *Proc. Soc. for Exper. Biol. and Med.* 28:46-47. (1000)

With L. F. Audrieth and H. S. Loring:

The reduction of cystine in liquid ammonia by metallic sodium. *J. A. C. S.* 52:4500-04. (2300)

DYAS, F. G.

(3) Articles:

Acute abdominal pain. *Ill. Med. J.* vol. 58. (2500)

EMCH, ARNOLD

(2) Original reviews:

Einführung in die nicht euklidische Geometrie, by Hans Mohrmann. *Amer. Math. Mo.* 37:9:503-04. (500)

Projective geometry, by J. W. Young. *Ibid.* 37:9:506-07. (550)

(3) Articles:

Über eine besondere Klasse von algebraischen Flächen. *Commentarii Mathematici Helvetici.* 2:99-115. (5000)

Finite groups and their geometric representation. *J. f. reine und angewandte Mathematik.* 162:238-55. (5500)

On algebraic surfaces which are invariant in a certain class of finite collineation groups. *Bul. Amer. Math. Soc.* 36:547-52. (2500)

Finite groups and their geometric representation. *Atti del Congresso Internazionale dei Matematici in Bologna.* 4:23:33. (3500)

ENGELHART, M. D.

(3) Articles:

Teaching the fraternity freshman how to study. *Omegan of Theta Upsilon Omega.* 7:2:90-92. (1200)

Experimentation as a technique of educational research. *Phi Delta Kappan.* 13:2:58-61. (2500)

Techniques used in securing equivalent groups. *J. Educ. Res.* 22:2:103-09. (2800)

The effect of exemption from final examination on the distribution of term grades. *Ibid.* 23:4:319-21. (800)

With W. S. Monroe:

Stimulating learning activity. *U. of Ill. Bur. Educ. Res. Bul.* 51. 58 pp.

ENGER, M. L.

(3) Articles:

A comparison of the physical properties of various kinds of cast iron pipe. *J. Amer. Water Works Assoc.* 22:11:1507-09. (1200)

ENGLIS, D. T.

(3) Articles:

With E. C. Kleiderer:

Hydrolysis of inulin under pressure. *Ind. and Eng. Chem.* 23:3:332-35. (3200)

ENGLIS, D. T.

(3) Articles (continued)

With E. L. Foreman:

Isolation and identification of a polysaccharide from southern yellow pine. *Ibid.* 23:4:415-16. (1200)

With F. A. Dykins:

Effect of amino acids upon rotation of glucose and fructose and its significance to determination of sucrose by double polarization methods. *Ibid.*, Anal. Ed. 3:1:17-21. (5500)

Determination of glucose in presence of fructose and glycine by iodometric method. *Ibid.* 3:1:21-23. (2500)

The effect of ethylene upon the hydrolysis of salicin by emulsin. J. A. C. S. 53:2:723-27. (1800)

With V. C. Sekera:

The effect of water blanching on the canning of whole kernel corn. I. The change in toughness of the hull. *Canner.* 20:18:11-13. (1500)

With J. L. Gabby:

The effect of water blanching on the canning of whole kernel corn. II. The loss in the washing of the cut corn. *Ibid.* 20:19:17-20. (3000)

FAIRLIE, J. A.

(2) Original reviews:

The government of the District of Columbia—suggestions for change, by L. E. Schmeckebeier and W. F. Willoughby. *Amer. Pol. Sci. Rev.* 24:765. (400)

(3) Articles:

Administrative boards; county-city consolidation; county government. *Encyc. Soc. Sci.* 2:607 (2000); 4:499 (1200); 4:504 (4500)

Municipal notes from Great Britain, France, and Germany. *Nat. Munic. Rev.* 19:860 (800); 20:61 (500)

China and the Philippines. *Graphic (Manila)*. Mar. 4, 1931. (1200)

(4) Books:

With C. M. Kneier:

County government and administration. The Century Co., N. Y. 1930. xii + 585 pp.

FALLS, F. H.

(3) Articles:

Observations on the use of local anaesthesia in gynecologic operations. *Amer. J. Obstet. and Gyn.* XX:3:1-12. (5000)

FAUCETT, M. A.

(3) Articles:

Checking connections of three phase, four wire meters. *Elec. World.* 97:16:726. (900)

With J. O. Krachenbuehl:

Rapid determination of watt-hour meter register ratios. *Ibid.* 97:12:539-40. (950)

FAUCETT, M. A.

(3) Articles (continued)

With J. O. Kraehenbuehl:

Revolution ratios facilitate meter testing. *Ibid.* 95:21:1032-33. (1350)

A relay system for timing or counting. *Amer. J. Psych.* 42:631-33. (950)

Problems involved in network distribution. *Power Plant Eng.* 34:21:1230-31. (450)

Checking load and power factor from watthour meter readings. *Fact. and Ind. Man.* 81:3:427-28. (1500)

The human factor in metering. N. E. L. A., Great Lakes Div., Eng. Sec., Meter Com. Rpt. 1929-30:63-68. (1800)

FAYE, C. U.

(3) Articles:

The superman. *Concordia Theol. Mo.* 1:10:742-53. Oct., 1930. (5700)

FILBEY, E. J.

(1) Book notices:

Federal income and estate tax laws, correlated and annotated, by Walter E. Barton and Carroll W. Browning. *Nat. Tax Assoc. Bul.* XVI:1:30-31. (320)

Income tax procedure, by Robert H. Montgomery. *Ibid.* XVI:1:31. (360)

(2) Original reviews:

1930 supplement to federal income taxation, by Joseph J. Klein. *Ibid.* XVI:1:30. (440)

Industrial balance sheets, by Myron M. Strain. *Acct. Rev.* V:3:267-69. (1300)

FITCH, H. M.

(3) Articles:

Concrete products industry in one middle-west community. *Concrete Products.* XXXIX:5:16-21. (5000)

What the products industry means in one Kentucky city. *Ibid.* XL:1:15-19. (5000)

Gravel plant of unusual design. *Rock Products.* XXXIV:6:33-36. (2200)

FLETCHER, H. F.

(2) Original reviews:

Milton on education, by Ainsworth. *J. Engl. and Germ. Philol.* 29:464-65. (600)

Lactantias and Milton, by Hartwell. *Ibid.* 29:465-66. (400)

(4) Books:

Milton's rabbinical readings. U. of Ill. Press, Urbana, Ill. 1930. vii + 344 pp.

FLOM, G. T.

(1) Book notices:

Ordsfatt i Södermannalagens textcodex samlad och ordnad. Arnold Nordling. *J. Engl. and Germ. Philol.* XXIX:471. (175)

Agrip af Noregs Konunga sögum. Finnur Jonsson. *Ibid.* XXIX:471. (130)

FLOM, G. T.

(1) Book notices (continued)

- Problems of place-name study, by A. Mawer. *Ibid.* XXIX:471-72. (160)
- The Latin life of Bishop Wilfrid, by Eddius Stephanus. Ed. and tr. by Bertram Colgrave. *Ibid.* XXIX:472. (100)
- Stadnamn fraa Oslofjorden. Av Gustav Indrebø. *Ibid.* XXIX:617. (200)
- Stedsnamn og Gudeminder i Land. Ved Magnus Olsen. *Ibid.* XXIX:618. (250)
- Norsk Riksmålsordbok. L, 1, Columns 1-24. Ved Tr. Knudsen og Alf Sommerfelt. *Ibid.* XXX:138. (200)
- Die Komparation der Adjektiva und Adverbien im Altenglischen. Von Fritz Seelig. *Ibid.* XXX:138. (200)
- Island; Motsatsernas ö. Av Hjalmar Lindroth. *Ibid.* XXX:138. (260)
- Danske Folkemaal. Udgivet av Udvalg for Folkemaal. Ved. Poul Andersen. *Ibid.* XXX:321. (200)
- Les poèmes héroïques de l'Edda et la saga des Volsungs. G. Wagner. *Ibid.* XXX:321. (250)
- Svensk Ljudhistoria av Axel Kock. Femte delen, senare hälften. *Ibid.* XXX:322. (300)
- Nytolkning av Gyllingstenen. Erik Moltke. *Ibid.* XXX:322. (125)

(2) Original reviews:

- An etymological dictionary of the Norn language in Shetland, by Jakob Jakobsen. Part I. Germ. Rev. V:404-07. (1200)
- Karstad Ristningen. Runer og helleristninger. Av Magnus Olsen og Haakon Schetelig. J. Engl. and Germ. Philol. XXIX:616. (480)
- Trondhjems Bynavn. Ved Didrik A. Deip. *Ibid.* XXIX:617-18. (460)
- Gamalnorsk Ordbok med Nynorsk Tyding. Av Leiv Heggstad. *Ibid.* XXX:263-65. (1600)
- Gammeldansk Grammatik i Sproghistorisk Fremstilling. Ved Johs. Brøndum-Nielsen. I. Indledning. Lydbetegnelse. Vokalisme. *Ibid.* XXX:269-71. (1000)
- Maalet i nordaust Ryfylke. Umrit av Ljodlära. Ved Per Thorson. *Ibid.* XXX:309-10. (525)

(3) Articles:

- Elling Eielson. Dict. Amer. Biog. VI:61-62. (700)
- The Germanic consonantal shift. Flom's Old English Grammar and Reader, 2d ed., 1930. 417-23. (2400)

(4) Books:

- Codex AM 619 Quarto, an old Norwegian book of homilies, containing *The Miracles of St. Olaf* and Alcuin's *De Virtutibus et Vitiis*. Ill. Studies in Lang. and Lit. XIV:4. Apr., 1931. 240 pp.

FOSTER, W. A.

(1) Book notices:

- New building estimators' handbook, by Wm. Arthur. W. Arch. XXXIX:12. Dec., 1930. (300)

FOSTER, W. A. (continued)

(3) Articles:

Essentials of the farm home. *Country Gentleman*. 95:12. Dec., 1930. (2000)

Niemeyers house. *Capper's Farmer*. 41:5. May, 1930. (2000)

House remodeling. *Ibid.* 41:8. Aug. 1930. (2000)

Better construction. (Series of 3.) *Successful Farming*. 29:2;3;4. Feb., March, Apr., 1930. (1500 each)

With H. H. Alp:

Poultry housing. *U. of Ill. Agr. Exp. Sta. Circ.* 337. Aug., 1930.

With H. A. Ruehe and C. S. Rhode:

Milk house. *Ibid.* 371. Apr., 1931.

FRASER, W. J.

(3) Articles:

The farm home. *Hoard's Dairyman*. 75:24:1100-18. (3350)

Let the grass grow. *Ibid.* 76:6:224,55. (3175)

(4) Books:

Dairy farming. John Wiley & Sons, Inc., N. Y. 1930. 344 pp.

FULLER, L. L.

(3) Articles:

Legal fictions. *Ill. Law Rev.* 25:4:363-99; 5:513-46; 8:877-910. (40,000)

FUSON, R. C.

(2) Original reviews:

Trattato di Chimica Organica, by Oddo. *J. A. C. S.* 52:3473-74. (360)

Textbook of organic chemistry, by Holleman. *J. Chem. Educ.* 7:3023. (400)

(3) Articles:

Some recent advances in theoretical organic chemistry. *Chem. Rev.* 7:347-68. (6000)

With R. A. Connor:

The formation of pyrrolidine derivatives from diethyl alpha, alpha'-dibromoadipate and certain secondary amines. *J. A. C. S.* 52:2985-87. (900)

With J. T. Walker:

The cleavage of carbonyl compounds. I. Trihalomethyl ketones of the mesitylene series. *Ibid.* 52:3269-75. (3000)

With O. R. Kreimeier and G. L. Nimmo:

Ring closures in the cyclobutane series. II. Cyclization of alpha, alpha'-dibromoadipic esters. *Ibid.* 52:4074-76. (1500)

With C. H. Fisher and T. S. Oakwood:

The replacement of halogen by hydrogen in alpha halo-ketones under the influence of the Grignard reagent. *Ibid.* 52:5036-46. (2000)

GAINES, W. L.

(3) Articles:

Size of cow and efficiency of milk production. *J. Dairy Sci.* 14:1:14-25. (3500)

GARNER, J. W.

(2) Original reviews:

Académie de Droit Int., Recueil des Cours, 1928. Amer. J. Internat. Law. 24:632-377. (3500);—1929. *Ibid.* 25:398-400. (800)

(3) Articles:

Violations of maritime law by the Allied Powers during the World War. Amer. J. Internat. Law. 25:26-49. (14,500)

The recrudescence of the Monroe Doctrine. Pol. Sci. Qt. 45:231-58. (10,000)

Decisions of the United States war claims arbiter under the settlement of war claims act of 1928. British Yr. Bk. Internat. Law. XI:216-18. (1300)

Decision of the tripartite claims commission in the case of Henry Rothman. *Ibid.* XI:219. (350)

Decisions of the American mixed claims commission 1928-29. *Ibid.* XI:220-26. (3000)

GARRETT, O. F.

(3) Articles:

With O. R. Overman:

A non-acid Babcock method for determining fat in ice cream. U. of Ill. Agr. Exp. Sta. Bul. 360:393-406. (4800)

GASUL, B. M.

(3) Articles:

The use of Prof. Loewenstein's ointment for active immunization against diphtheria. Amer. J. Dis. Children. 41:1:45-47. (1140)

A case of a primary sarcoma of the lung in an infant twenty-nine months of age. Arch. Ped. XLVIII:1:63-65. (750)

With B. Goldberg:

Epituberculosis. A study of ten cases for a period of over two years. Amer. J. Med. Sci. CLXXX:6:824-37. (5200)

The dermatubin test. A comparison with the Von Pirquet, Moro, and Mantoux tuberculin reactions. Ill. Med. J. LVIII:60-62. July, 1930. (1800)

GATHERCOAL, E. N.

(2) Original reviews:

The national formulary. J. A. Ph. A. 19:11:1256. (275)

(3) Articles:

Report on extent of use of N. F. V. galenicals. *Ibid.* 20:2:166-79.

GEISSENDOERFER, J. T.

(1) Book notices:

Jean Pauls Sämtliche Werke. Hrsg. von Eduard Berend. J. Engl. and Germ. Philol. XXX:2:304-07. (1650)

(2) Original reviews:

Der Todesgedanke in der Deutschen Dichtung vom Mittelalter bis zur Romantik, von Walther Rehm. *Ibid.* XXIX:4:596-600. (2100)

GEISSENDOERFER, J. T. (continued)

(3) Articles:

A critical bibliography of recent methods in German literary research. *Ibid.* XXIX:3:390-419. (10,150)

(4) Books:

With F. A. Wittmer:

Stefan Zweig, *Sternstunden der Menschheit*. Prentice-Hall, Inc., N. Y. 1931. xix + 162 pp.

GOBLE, G. W.

(1) Book notices:

Automobile insurance, by Sunderlin. *Amer. Bar Assoc. J.* 17:2: 114-15. (500)

(2) Original reviews:

Law of insurance, by W. R. Vance. *Ill. Law Rev.* 25:4:477-81. (2200)

Cases on the law of insurance, by W. R. Vance. *Yale Law J.* 40:6:1010-11. (1000)

(3) Articles:

Waiver in insurance law. *Ill. Law Rev.* 25:4:466-70. (2000)

(4) Books:

Cases on the law of insurance. Bobbs-Merrill Co., Indianapolis, Ind. 1931. xx + 900 pp.

With J. M. Landis, G. K. Gardner, and G. J. Thompson:

Selected readings on contracts. Macmillan Co., N. Y. 1931. xcvi + 1320 pp.

GOLDBERG, BENJAMIN

(3) Articles:

Heliotherapy. *Arch. Phys. Therapy, X-ray, Radium.* XI:263-85. June, 1930. (17,000)

Sanatorium management. *City of Chicago Munic. Tubercu. Bul.* X:5-80. (75,000)

With B. M. Gasul:

The dermatubin test. A comparison with the Von Pirquet, Moro and Mantoux tuberculin reactions. *Ill. Med. J.* LVIII:60-62. July, 1930. (1800)

Epituberculosis. A study of ten cases for a period of over two years. *Amer. J. Med. Sci.* CLXXX:824-37. (5200)

GOTSHALK, D. W.

(1) Book notices:

Types of philosophy, by Hocking. *J. Philos.* XXVII:22:614-15. (400)

Matter, life, value, by Joad. *Ibid.* XXVII:15:415-19. (2000)

(3) Articles:

The nature of change. *Monist.* XL:3:363-81. (6500)

Change in substance. *Ibid.* XLI:2:292-304. (5000)

GRAHAM, W. J.

(2) Original reviews:

William Gifford, Tory satirist, critic, and editor, by Roy Benjamin Clark. *Mod. Lang. Notes*. XLVI:268-70. (660)

The Grub-Street Journal, by James T. Hillhouse. *Ibid.* XLIV:271-73. (1100)

(3) Articles:

Walter Scott and Mr. Reitzel. *Pub. Mod. Lang. Assoc.* XLIV:1:309. (350)

(4) Books:

English literary periodicals. Thomas Nelson & Sons, N. Y. 1930. viii + 470 pp.

GRIFFITH, C. R.

(1) Book notices:

L'activité psychique chez les animaux, by L. Bretegnier. *Amer. J. Psych.* 43:3:422-24. (1000)

(3) Articles:

Beyond the curriculum. *Phi Delta Kappan*. 13:4:119-25. (5000)

Character through physical education. *Chicago Schools J.* 13:5:217-19. (1500)

A flexible form of the Carr slot maze. *Amer. J. Psych.* 43:2:283-85. (1000)

A new method of administering shock in animal experimentation. *Ibid.* 43:2:286. (900)

An improvement in the Seashore serial discriminator. *Ibid.* 43:3:435-37. (900)

Psychological factors in vision. *Optom. Weekly*. 21:1629-30; 1663-64; 1701-03; 1735-36. (6000)

The psychology of reading. *Ibid.* 22:430-31; 463-64; 499-501. (3500)

A method of developing footwork in soccer players. *Athletic J.* 11:5:28-32. (2000)

An experiment in learning to drive a golf ball. *Ibid.* 11:10:22-25. (3000)

GULLETTE, C. C.

(3) Articles:

The differentiated assignment in modern language work—an abstract. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16: 234-35. (800)

The individual difference, the reading adaptation, and the ultimate objectives. *Mod. Lang. J.* XV:6:405-10. (2600)

GUTTMAN, M. R.

(3) Articles:

Alleviation of pain in peritonsillar abscess. *Arch. Otolar.* 11:426-29. (1500)

The determination of the pathogenic tonsil. Preliminary report of a new biologic test. *Ill. Med. J.* LVII:5:352. (1200)

A new method of anesthesia for the alleviation of pain or incision of a peritonsillar abscess. *Ibid.* LIX:3:217. (1400)

HACKETT, R. P.

(1) Book notices:

1931 cumulative supplement to federal income taxation, by Joseph J. Klein. *Bul. Nat. Tax Assoc.* XVI:7:218. (270)

HACKLEMAN, J. C.

(3) Articles:

With W. L. Burlison and O. H. Sears:

Growing alfalfa in Illinois. *U. of Ill. Agr. Exp. Sta. Bul.* 349:410-48. June, 1930. (12,450)

HALPER, P. A.

(3) Articles:

Articles on eye, nose, and throat. *In Sup. to Sajou's Cyclopedia of practical medicine.* F. A. Davis & Co., Philadelphia, Pa. 1930.

HAM, C. W.

(3) Articles:

The early development of machine tools. *Technograph* XLV:2:5,6, 18,20. (2000)

HAMILTON, T. S.

(3) Articles:

With C. H. Kick:

The value of potassium iodide as a supplement to the ration of growing chicks. *J. Agr. Res.* 41:2:135-37. July 15, 1930. (1500)

With G. E. Hunt, H. H. Mitchell, and W. E. Carroll:

The production and cure of nutritional anemia in suckling pigs. *Ibid.* 40:10:927-38. May 15, 1930. (5500)

With H. H. Mitchell and L. E. Card:

The minimum nutritive requirements of single-comb white-leghorn chickens. *Trans. 4th World's Poultry Congr. (London) 1930:* 301-06. (2100)

Further studies on the vitamin E requirements of poultry. II. The performance of pullets raised on a vitamin E free diet. *Proc. 22d An. Meet. Poultry Sci. Assoc. 1930:* 29-31. (1500)

HANSEN, M. L.

(1) Book notices:

The Americanization of Carl Schurz, by C. V. Easum. *Amer. Hist. Rev.* XXXV:4:928-29. (400)

(3) Articles:

The revolutions of 1848 and German emigration. *J. Econ. and Bus. Hist.* 2:4:630-58. (9000)

HARNO, A. J.

(3) Articles:

Meeting of Association of American Law Schools. *Amer. Bar. Assoc. J.* XVII:4:270-72. (3500)

HASSIN, G. B.

(1) Book notices:

Official session reports of the Russian Endocrinologic Society for the fiscal year 1928-1929. *J. A. M. A.* 95:11:820. (350)

HASSIN, G. B.

(1) Book notices (continued)

Untersuchungen über das periphere nervensystem, by S. Funaoka.
Ibid. 95:26:1991.

La pathologie du système pallido-strié, par Van Gehuchten. *Ibid.*
96:14.

Techniques histologiques de neuropathologie, par Ivan Bertrand.
Ibid. 96:9. Arch. Path. 9:3:516.

Les plexus chorioides, by Dr. Nathalie Zand. Arch. Neurol. and
Psychiat. 25:1:222-23.

(3) Articles:

Niemann-Pick's disease. *Ibid.* 24:1:61-70.

Hydrocephalus. *Ibid.* 24:6:1164-84.

Syphilis of the oculomotor nerve. *Ibid.* 25:1:116-28.

Brown-Séquard paralysis. J. Nerv. and Ment. Dis. 72:3:245-50.

Symptomatology of arsenical polyneuritis. *Ibid.* 72:6:628-34.

Zwei ungewöhnliche Fälle von multipler Skelrose, Zeit. f. d. ges.
Neurol. u. Psychiat. 128:99-106.

HAYES, W. P.

(3) Articles:

The morphology, taxonomy, and biology of larval Scarabaeoidea.
Ill. Biol. Mono. 12:2:1-119. (15,000)

Morphological contributions to the study of American insects. Ann.
Entom. Soc. Amer. 23:3:521-25. (1000)

With W. P. Flint, G. H. Dungan, and A. L. Young:

Drouth checks corn-borer advance in 1930. U. of Ill. Agr. Exp.
Sta. Circ. 367:1-8. (800)

HAZLETT, OLIVE C.

(3) Articles:

On division algebras. Trans. Amer. Math. Soc. 32:5:913-25. (5700)

On formal modular invariants. J. de Mathématiques Pures et Appli-
quées, 9ième série. 9:327-32. (1700)

HEDBLUM, C. A.

(3) Articles:

Pathogenesis, diagnosis, and treatment of bronchiectasis. Surg.,
Gyn., and Obstet. LII:406-17. (4700)

Anterolateral costectomy for inadequate collapse following posterior
extrapleural thoracoplasty. Arch. Surg. XXI:II:1114-24. (2500)

Progress in the treatment of pleural and pulmonary suppuration
during the last thirty years. Mayo Clinic. Special vol. (5200)

Pulmonary abscess. Lewis Surgery. V:1-73.

Bronchiectasis. *Ibid.* V:1-93.

HELBING, A. T.

(4) Books:

The departments of the American Federation of Labor. The Johns
Hopkins Press, Baltimore, Md. 1931. vii + 135 pp.

HENRY, W. F.

(3) Articles:

With W. H. Rodebush:

The vapor pressure of sodium. Low pressure measurements with the absolute manometer. *J. A. C. S.* 52:3159-61. (500)

HERROLD, R. D.

(3) Articles:

Egg yolk agar medium for the growth of tubercle bacilli. *J. Infect. Dis.* 48:2:236-41.

With S. J. Hoffman and M. L. Blatt:

Biologic therapy of *Gonococcus vulvovaginitis*: a preliminary report. *Ven. Dis. Inf.* 11:9:1-8.

Common pyogenic skin infections and observation on their biologic treatment. *Ill. Med. J.*, Nov., 1930, pp. 1-5.

HESS, J. H.

(3) Articles:

Nutritional disorders of infancy. *J. Mich. State Med. Soc.* 29:1.

Splenic puncture as a diagnostic procedure in infancy and childhood. *Ann. Int. Med.* 4:467.

Viosterol: Prophylactic and therapeutic dosage. *J. A. M. A.* 95:316.

Purpuras in children. *Med. Clin. N. Amer.* 14:5:1073-81.

HIGGINSON, G. D.

(3) Articles:

The white rat in a rotated maze. *J. Comp. Psych.* X:4:355-73. (6500)

(4) Books:

Man and his environment. Coll. Pub. Co., Champaign, Ill. 1930. 460 pp.

Experimental psychology. Coll. Pub. Co., Champaign, Ill. 1930. 200 pp.

Exercises in introductory psychology. Coll. Pub. Co., Champaign, Ill. 1930. 72 pp.

HILLER, E. T.

(3) Articles:

A culture theory of population trends. *J. Pol. Econ.* 38:5:523-50. (11,000)

(4) Books:

With Faye E. Corner and W. L. East:

Rural community types. *U. of Ill. Studies in Soc. Sci.* XVI:4. 1931. 434 pp.

HIRSCH, E. W.

(3) Articles:

Relation of os penis of mammals to bone formation in human penis. *Urol. and Cutan. Rev.* 34:7:453-55. (500)

An historical survey of gonorrhea. *Ann. Med. Hist.* 2:4:414-23. (2000)

HIRSCH, E. W.

(3) Articles (continued)

The so-called arterial valves in the penile arteries. *J. Urology*. 25:1:61-65. (1000)

HOLT, H. W.

(3) Articles:

The restatement of the law of contracts—Illinois annotations. *Ill. Law Rev.* 26:1:4-21. (2100)

HOPKINS, B. S.

(3) Articles:

Opportunities in science. *Trans. Ill. State Acad. Sci.* 22:623-29. (2500)

The rare earths. *In Annual survey of American chemistry*. Chem. Cat. Co., N. Y. 1931. Ch. XII. 170-77.

With P. W. Schwood:

Studies in comparative efficiencies in rare earth separations. *Ibid.* 22:349-56. (2800)

(4) Books:

General chemistry for colleges. D. C. Heath & Co., Boston. 1930. x + 757 pp.

With H. A. Neville:

Laboratory exercises in general chemistry. D. C. Heath & Co., Boston. 1930. v + 148 pp.

HOPKINS, S. H.

(3) Articles:

Studies on *Crepidostomum*. I. *Crepidostomum isostomum* n. sp. *J. Parasit.* 17:3:145-50. (3000)

HORSFALL, MARGERY W.

(3) Articles:

Studies on the structure of *Corcaria infracaudata* n. sp. *J. Parasit.* XVII:43-48. (1500)

HOWARD, W. V.

(2) Original reviews:

Miscellaneous reviews. *Annot. Bibliog. Econ. Geol.* II:2. (12,000)

Miscellaneous reviews. *Ibid.* III:1. (3000)

Die Rumanischen Erdollagerstätten, by Karl Krejci-Graf. *Econ. Geol.* 25:4:429. (450)

Petroleum facts and figures, by the American Petroleum Institute. *Ibid.* 25:8:879. (50)

Oil fields in the United States, by W. A. Ver Wiebe. *Ibid.* 25:8:876-78. (1300)

Grundfragen der Olgeologie, by Karl Krejci-Graf. *Ibid.* 26:1:122-23. (600)

(3) Articles:

With W. W. Love:

Some properties of limestone as a reservoir rock. *Econ. Geol.* 25:7. (5000)

HUDELSON, R. R.

(3) Articles:

Farm accounts that count. U. of Ill. Agr. Exp. Sta. Circ. 362:1-18.
(5200)

HUELSEN, W. A.

(3) Articles:

Research in raw material production helps canners' profits. Food
Indus. 3:1:24-26. (2500)

With M. C. Gillis:

Breeding two new varieties of greenhouse tomatoes resistant to
Fusarium wilt. U. of Ill. Agr. Exp. Sta. Bul. 361:407-34.
(11,000)

HUNTER, M. H.

(1) Book notices:

Reviews of periodical literature. Bul. Nat. Tax Assoc. vol. XVI
passim.

Abstracts of articles on Taxation. Soc. Sci. Abst. 3: nos. 1-4. (8000)

(2) Original reviews:

Tax racket and tax reform in Chicago, by Herbert D. Simpson.
Ill. Law Rev. XXV:7:860-61. (200)

The national debt, by E. L. Hargreaves. Amer. Econ. Rev. XXI:1:
172-73. (500)

(3) Articles:

Federal, state, and local finances. Amer. Yr. Bk. 1930. (9000)

The sales tax. Tax Digest. 9:2:66-67. (1400)

Tax exemption—a subsidy. Nat. Tax Mag. 8:9:332-33. (2800)

Are intangibles property? Ore. Voter. 65:3:14-15. (600)

Looking back at the sales tax. Exchangite. 10:3:8ff. (1400)

Motor vehicle transportation. Proc. Nat. Tax Assoc. 23:191-92.
(1000)

HYNEMAN, C. S.

(3) Articles:

With C. M. Kneier:

Recent publications of political interest (compilation). Amer. Pol.
Sci. Rev. 25:1:240-77. (12,000)

JEFFERSON, B. L.

(3) Articles

Our first semester. Engl. J. XIX:7:543-53. (4000)

English literature for preprofessional students. *Ibid.* XX:4:331-37.
(2000)

The writing of high school graduates. Ill. Assoc. of Teachers of
Engl. Bul. XXIII:4:1-12. (4000)

(4) Books:

Freshman rhetoric and practice book, rev. ed. Doubleday, Doran &
Co., Inc., Garden City, N. Y. 1931. vii + 674 pp.

JIRKA, F. J.

(3) Articles:

Tularemia, with report of two cases. *Ill. Med. J.*, Dec., 1930, pp. 1-5. (2000)

JOHNSON, C. A.

(3) Articles:

With L. O. Morgan:

Experimental lesions in the tuber cinereum of the dog. *Arch. Neurol. and Psychiat.* Oct., 1930. 24:696-726. (14,000)

JOHNSON, SVEINBJORN

(3) Articles:

Reform of legal procedure: rule-making power for courts. *Ind. Law J.* VI:6:383-96. (4500)

America returns a call. *St. Nicholas.* LVIII:1:22ff. (2200)

The university and the state. *Qt. Rev.* 20:3:195-208. (6000)

Dedicatory address of Hon. Sveinbjorn Johnson on presentation of Leif Eiricsson Memorial. *Congr. Rec.*, 71st Congr., 3d sess. 7684-86. (2000)

(4) Books:

Pioneers of freedom. Stratford Company, Pub., Boston. 1930. vii + 349 pp.

JONES, H. S. V.

(1) Book notices:

Sprague's Samuel Daniel. Poems and A Defence of Ryme. *J. Engl. and Germ. Philol.* 30:2:323. (185)

Grierson's Poems of Donne. *Ibid.* 30:2:323. (220)

Chaucer's Essays and studies. *Ibid.* 30:2:324. (133)

J. B. Wharey's Bunyan's Pilgrim's Progress. *Ibid.* 30:2:324. (185)

(2) Original reviews:

Die Funktionen des Erzählers in Chaucers Epischer Dichtung, by H. Lüdeke. *Ibid.* 30:2:273-76. (1694)

(4) Books:

A Spenser handbook. F. S. Crofts & Co., N. Y. 1930. 419 pp.

JONES, P. V. B.

(4) Books:

Analytical survey of modern European history. Macmillan Co., N. Y. Part I, 1930, iii + 44 pp.; Part II, 1931, iii + 48 pp.

JORDAN, G. L.

(3) Articles:

Factors affecting the price of fresh first eggs at New York, 1919-1928. *Poultry Sci.* IX:5:283-90. (2500)

JORDAN, H. H.

(3) Articles:

Organization and administration of a drawing department. *J. Eng. Educ.* 21:2:166-72. (3000)

KAMMLADE, W. G.

(3) Articles:

With H. P. Rusk, W. B. Nevens, J. L. Edmonds, C. W. Crawford, W. E. Carroll, and H. J. Sloan:

Utilizing the soybean crop in livestock feeding. U. of Ill. Agr. Exp. Sta. Circ. 369:1-44. (15,000)

KAMPMEIER, O. F.

(3) Articles:

Ursprung und Entwicklungsgeschichte des Ductus thoracicus nebst Saccus lymphaticus jugularis und Cysterna chyli beim Menschen. Morphologisches Jahrbuch. 67:157-234.

KEETON, R. W.

(3) Articles:

With Helen Mackenzie, Selma Olson, and Louise Pickens:

The influence of varying amounts of protein on weight loss of hogs in undernutrition. Amer. J. Physiol. 97:3:473-89. (4400)

KELLEY, CORNELIA P.

(1) Book notices:

Henry James's Criticism, by Morris Roberts. J. Engl. and Germ. Philol. XXX:2:311-12. (550)

(4) Books:

The early development of Henry James. U. of Ill. Studies in Lang. and Lit. XV:1,2. 1930. 309 pp.

KELLEY, V. W.

(3) Articles:

Effect of certain hydrocarbon oils on the respiration of foliage and dormant twigs of the apple. U. of Ill. Agr. Exp. Sta. Bul. 348:371-406. (16,000)

Effect of certain hydrocarbon oils on the transpiration rate of some deciduous fruits. *Ibid.* 353:581-600. (10,000)

KEYES, D. B.

(1) Book notices:

American petroleum refining, by H. S. Bell. Chem. and Met. Eng. 37:5:310. (800)

Annual survey of American chemistry, ed. by C. J. West. *Ibid.* 37:6:376. (500)

Elements of fractional distillation, by C. S. Robinson. J. Chem. Educ. 7:6:1452-53. (800)

Elements of chemical engineering, by W. L. Badger and W. L. McCabe. *Ibid.* 8:4:775-76. (1200)

A comprehensive treatise of inorganic and theoretical chemistry, by J. W. Mellor. Ind. Eng. Chem. 22:9:1023. (250)

Solvents, by T. H. Durrans. *Ibid.* 22:12:1412. (800)

(3) Articles:

Specialized education and its vices. Sci. Mo. 30:6:538-40. (1200)

The utilities go to college. Pub. Util. Fortn. 5:11:1-5. (1500)

KEYES, D. B.

(3) Articles (continued)

The pedagogue and industrial chemical research. *Trans. Ill. State Acad. Sci.* 22:403-08. (2000)

The graduate student and cooperative research. *Ibid.* 23:3:325-328. (1200)

Chemical engineering research. *Technograph.* 45:5:13. (1000)

Distillation advances in column design. *Chem. and Met. Eng.* 38:4. (1200)

With S. Swann, Jr., and R. D. Snow:

Catalytic hydration of olefines. *Ind. and Eng. Chem.* 22:9:1048-55. (2000)

With R. D. Snow:

Studies in liquid partial oxidation. II. *Ibid.* 23:5:561. (1200)

KNEIER, C. M.

(1) Book notices:

The constitution and government of Texas. *Nat. Munic. Rev.* 19:6:428-29. (300)

(3) Articles:

Judicial review of motives of city councils. *Georgetown Law J.* 19:2:148-64. (6000)

Prosecution under state law and municipal ordinance as double jeopardy. *Cornell Law Qt.* 16:2:201-11. (3500)

Some legal aspects of the governor's power to remove local officers. *Va. Law Rec.* 17:4:355-68. (3500)

Regulation of conditions of employment on municipal public works. *S. W. Pol. and Soc. Sci. Qt.* 11:4. (4000)

Territorial jurisdiction of local law enforcement officers. *N. C. Law Rev.* 9:3:283-90. (2500)

Lois de droit public de l'année 1929. *Annuaire de l'Institut International de Droit Public* (1930) 638-43. (1200)

With C. S. Hyneman:

Recent publications of political interest (compilation). *Amer. Pol. Sci. Rev.* 25:1:240-77. (12,000)

(4) Books:

With J. A. Fairlie:

County government and administration. Century Co., N. Y. 1930. xiii + 585 pp.

KNIPP, C. T.

(2) Original reviews:

Electric discharge phenomena in residual gases. *Phys. News.* 1:5:17-21. (1600)

Relative intensities of the magnetic and electrostatic illumination components in the electrodeless discharge. *Phys. Rev.* 37:6:756-59. (1100)

KOEHLER, BENJAMIN

(3) Articles:

- Effect of time and rate of application of seed disinfectants on oats and wheat. *Phytopathology*. 21:1:127. Jan., 1931. (200)
Corn diseases in Illinois—their extent, nature, and control. U. of Ill. Agr. Exp. Sta. Bul. 354:3-164. Sept., 1930. (45,000)
The control of corn diseases in Illinois. U. of Ill. Agr. Exp. Sta. Circ. 364:3-28. Jan., 1931. (5000)

KRAEHNBUHL, J. O.

(3) Articles:

With M. A. Faucett:

- Rapid determination of watthour meter register ratios. *Elec. World*. 97:12:539-40. (950)
Revolution ratios facilitate meter testing. *Ibid.* 95:21:1032-33. (1350)
A relay system for timing or counting. *Amer. J. Psych.* 42:631-33. (950)
Problems involved in network distribution. *Power Plant Eng.* 34:21:1230-31. (450)
Checking load and power factor from watthour meter readings. *Fact. and Ind. Man.* 81:3:427-28. (1500)
The human factor in metering. N. E. L. A., Great Lakes Div., Eng. Sec., Meter Com. Rpt. 1929-30:63-68. (1800)

KRASE, N. W.

(3) Articles:

- Correlating theory and practice in pressure vessel design. *Chem. and Met. Eng.* 37:9:540-43. (2000)
New vapor phase cracking process for high compression fuel. *Ibid.* 37:10:624-25. (1000)

With B. H. Mackey:

- The specific heats of gases at high pressures. II. Method and apparatus at high temperatures. *J. A. C. S.* 52:12:5111-14. (2000)
The specific heats of gases at high pressures. III. Results for nitrogen to 150° C. and 700 atmospheres. *Ind. Eng. Chem.* 22:10:1060-62. (1500)

With J. B. Goodman:

- Solubility of nitrogen in water at high pressures and temperatures. *Ibid.* 23:4:401-04 (2500)

KRATZ, A. P.

(3) Articles:

With H. J. Macintire and R. E. Gould:

- Heat transfer in ammonia condensers (Part III). U. of Ill. Eng. Exp. Sta. Bul. 209:1-50.
Flow of liquids in pipes of circular and annular cross sections. *Ibid.* 222:1-26.

With W. J. Woodruff:

- Combustion tests with Illinois coals. *Ibid.* 213:1-58.

KRATZ, A. P.

(3) Articles (continued)

With A. C. Willard, M. K. Fahnestock, and S. Konzo:

Investigation of various factors affecting the heating of rooms with direct steam radiators. *Ibid.* 223:1-102.

With A. C. Willard:

Reconditioning of existing heating plant units. *Purdue Univ. Eng. Bul. (Ext. Ser., no. 22) XIV:2:173-87.*

Heat emission from the surface of cast iron and copper cylinders heated with low pressure steam. *J. Amer. Soc. Heat. and Vent. Eng., Sect. of Heating, Piping, and Air Conditioning.* 3:2:141-45.

KUDO, R. R.

(1) Book notices:

Praktikum der Zuechtung von warmblueter Gewebe in vitro, by F. Demuth. *Tokio Med. News.* 2670:31. (400)

Science and thought in the fifteenth century, by L. Thorndike. *Ibid.* 2672:54. (400)

An autobiography, by H. W. Wiley. *Ibid.* 2688:42. (420)

Diseases transmitted from animals to man, by J. G. Hull. *Ibid.* 2688:42. (400)

Travaux pratique de parasitologie, by E. Brumpt and M. Neven-Lemaire. *Ibid.* 2691:53. (200)

The Penicillia, by C. Thom. *Ibid.* 2691:53. (350)

The chromosomes in man—sex and somatic, by H. M. Evans and Olive Swezy. *Ibid.* 2691:53. (300)

A compilation of culture media for the cultivation of micro-organisms, by M. Levine and H. W. Schenlein. *Ibid.* 2703:46. (350)

Coprolologie microscopique (2d ed.), by Langeron and R. du Noyer. *Ibid.* 2703:46. (250)

A history of science, by W. C. D. Dampier-Whetham. *Ibid.* 2703:46. (400)

Human biology and racial welfare, edited by E. V. Cowdry. *Ibid.* 2710:59. (350)

Grundriss der allgemeinen Zoologie (4th ed.), by A. Kühn. *Ibid.* 2710:59. (200)

Leonardo da Vinci: The anatomist, by J. P. McMurrich. *Ibid.* 2713:45. (300)

The use of the Microscope, by J. Belling. *Ibid.* 2713:45. (350)

Textile microscopy, by L. G. Lawrie. *J. Silk Ind.* 447:32. (200)

Ein Beitrag zur Seidenbaufrage, by W. R. de Greiff. *Ibid.* 447:32. (250)

The principles of applied zoology, by R. A. Wardle. *J. Zool. Soc. of Japan.* 42:496:80-81. (400)

Einfuehrung in die Biologie der Suesswasserseen, by F. Lentz. *Ibid.* 42:496:81. (200)

KUDO, R. R. (continued)

(2) Original reviews:

Insects, ticks, mites, and venomous animals of medical and veterinary importance. Part I. Medical, by W. S. Patton and A. M. Evans. *Tokio Med. News.* 2688:42. (600)

Introduction to human parasitology, by A. C. Chandler. *Ibid.* 2703:46. (500)

(4) Books:

Problems and methods of research in protozoology: Ch. 32, Myxosporidia; Ch. 33, Microsporidia. The Macmillan Co., N. Y. 1930. 45 pp.

Handbook of protozoology. C. C. Thomas, Springfield, Ill. 1931. x + 451 pp.

Zoology 18, laboratory directions. 2d ed. U. of Ill. Info. Off., Urbana, Ill. 1931. 14 pp.

KUNZ, JAKOB

(3) Articles:

Laws of nature, recent discoveries and theories in physics. *Proc. H. S. Conf., U. of Ill. Bul.* 27:41:264.

Resonanz Methoden für Bestimmung der Gravitationskonstanten *g*. *Phys. Zeits.* 31:764.

Photoelectric cells and some applications. Joint Discussion, Phys. and Opt. Soc. (London) 1930.

Jets from manifold tubes. *Trans. A. S. M. E.* 1931.

With V. E. Shelford:

Apparatus for testing photoelectric cells in sunlight. *J. Sci. Instr.* 7:6:191. (1500)

LACKNER, J. E.

(2) Original reviews:

With Sydney Schochet:

Collective review of the gynecologic literature of 1929. *Amer. J. Obstet. and Gyn.* XIX:6:827. June, 1930.

(3) Articles:

With Jacob Meyer and Sydney Schochet:

Paroxysmal tachycardia in pregnancy. *J. A. M. A.* 94:1901-04. June 14, 1930.

With Sydney Schochet and Felix Saunders:

Absorption of physiologically active substances by activated charcoal. *Proc. Soc. for Exper. Biol. and Med.* XXVIII:564.

LANHAM, E. T.

(4) Books:

Heat treatment of steel. Coll. Pub. Co., Champaign, Ill. 1931. 117 pp.

LARSON, L. M.

(1) Book notices:

The origin of the Icelandic family sagas, by Knut Liestøl. *Amer. Hist. Rev.* 36:2:426-27. (400)

LARSON, L. M.

(1) Book notices (continued)

Die Entwicklung des norwegischen Nationalismus, by Andreas Elviken. *Ibid.* 36:3:636-37. (325)

LASH, A. F.

(3) Articles:

Lipiodol pelvic cysts. *Surg., Gyn., and Obstet.* 51-55-60:1-6. (500)
Spirochetes in puerperal fever. *Amer. J. Obstet. and Gyn.* 22:3:1-8. (500)

LEDERER, F. L.

(2) Original reviews:

Tribromethyl alcohol in otolaryngology. *Amer. J. Surg.* IX:1:78-81.

(3a) Articles edited:

Various articles on otolaryngology, Sajou's Anal. Cycl. Pract. Med. vol. IX, sup.

LEE, F. E.

(1) Book notices:

The Chinese revolution, 1926-27, by H. Owen Chapman. *Ann. Amer. Acad. Pol. and Soc. Sci.* 152:401. (300)

(3) Articles:

Acceptance advantages of the New York market. *Amer. Bank Assoc. J.* XXIII:3:188, 236-37. (3000)

Britain's farm credit plan. *Ibid.* XXIII:4:444, 466-67. (2800)

The way England aids exports. *Ibid.* XXIII:6:527-28, 563. (3000)

American "banks" before 1790. *Ibid.* XXIII:9:755-56, 805-07. (3300)

Acceptance advantages of the New York market. *Acceptance Bul.* XII:9:3-7. (3000)

The 1930 showing of the British "Big Five" banks. *Barron's.* XI:8:23. (3000)

Fostering British industry. *Ibid.* XI:10:20. (3000)

Banking origins in the Orient. *Ibid.* XI:17:18. (3000)

(4) Books:

The United Kingdom—an industrial, commercial, and financial handbook. Govt. Printing Office, Washington, D. C. 1930. Chapters II, XX, XXIII, XXIV. 100 pp.

LEHMANN, E. W.

(3) Articles:

Farm water systems. *Purdue Univ. Agr. Exp. Sta. Rpt.* 1930:23-30. (3600)

Rural electrification in Illinois. *Ill. State Elec. Assoc. Rpt.* March 20, 1930:3-7. (3500)

Soybeans at low cost. *Country Gentleman.* Oct., 1930. p. 34. (650)

Speedier horse farming. *Ibid.* Apr., 1931. p. 54. (700)

New disc harrow uses. *Ibid.* May, 1930. p. 37. (650)

How electricity helps the Illinois farmer. *Successful Farming.* Apr., 1931. (2400)

LEHMANN, E. W.

(3) Articles (continued)

- Seed germinating with electric germinators. *Elec. on the Farm*.
March, 1931. p. 16. (550)
Farm water supply. *Ibid.* Apr., 1931. p. 11. (2300)

LITTLETON, A. C.

(3) Articles:

- Der heutige Stand des berufsmässigen Revisionswesens in den
Vereinigten Staaten. *Betriebswirtschaft*. 23:6:171-75. (4700)
Earned surplus. *Acct. Rev.* 5:2:170-71. (1200)
A cost approach to elementary bookkeeping. *Ibid.* 6:1:33-38. (4500)
Die Ursachen der Trustbildung in der Vereinigten Staaten von
Amerika. *Zeits. f. Betriebswirtschaft*. 8:1:1-11. (5200)

LLOYD, J. W.

(3) Articles:

- Fertilizing tomatoes, sweet corn, and muskmelons in a three-year
rotation. *U. of Ill. Agr. Exp. Sta. Bul.* 364:1-18. (7000)
With L. H. Strubinger:
Fertilizing twenty-five kinds of vegetables. *Ibid.* 346:301-20. (8000)
With H. M. Newell:
Some factors influencing the keeping quality of fruit in transit.
Ibid. 350:449-84. (14,000)
Evolution of marketing methods. *Trans. Ill. State Hort. Soc.*
64:322-27. (2300)
Experiences with hothouse tomatoes. *Veg. Growers' Assoc. An.*
Rpt. 1930. 124-26. (1000)

LOCKLIN, D. P.

(4) Books:

- Supplement to "Railroad regulation since 1920." McGraw-Hill Book
Co., N. Y. 1931. vii + 31 pp.

LOHMANN, K. B.

(3) Articles:

- Planning to make home town livable. *Amer. City*. XLIII:4:121-26.
(3500)

(4) Books:

- Principles of city planning. McGraw-Hill Book Co., N. Y. 1931.
395 pp.

LOUNSBURY, R. H.

(1) Book notices:

- The Philadelphia plan of home financing, by William N. Loucks.
Amer. Econ. Rev. XXI:1:141-42. (500)

(2) Original reviews:

- L'accumulation du capital d'après Rosa Luxembourg, ed. by Lucien
Laurat. *Ibid.* XX:4:699-701. (800)

Low, A. A.

(3) Articles:

A case of aggramatism in the English language. *Arch. Neurol. and Psychiat.* 25:10:556-96. (13,000)

LUDOLPH, P. C.

(3) Articles:

Specific heat of methane. *Phys. Rev.* 37:7:830-31. (500)

LUNDEBERG, O. K.

(1) Book notices:

Femmes d'Asie et d'ailleurs, by R. D'Auxion de Ruffé. *Books Abroad.* 4:2:185-86. (300)

Abstracts: Romania 55. *Soc. Sci. Abst.* III:3:350. (350)

(3) Articles:

An evening with Valle-Inclán. *Hispania.* XIII:6:399-404. (2500)

Illinois Modern Language Association, 1930. *Mod. Lang. J.* XV:7:543-44. (400)

With J. B. Tharp:

Lundeberg-Tharp audition tests in French and Spanish. Forms A and B. 2d ed. Ohio State Univ. Feb. and March, 1931.

With J. B. Tharp and C. A. Williams:

Lundeberg-Tharp audition test in German. Forms A and B. 2d ed. Ohio State Univ. March, 1931.

LYBYER, A. H.

(2) Original reviews:

A history of nationalism in the East, by Hans Kohn. *Amer. Hist. Rev.* 35:4:877-79. *Cur. Hist. Mag.* 32:4:626-28. (1000 words in each)

Under five sultans, by Mary Mills Patrick. *J. Mod. Hist.* 2:4:685-87. (600)

Turkey through Turkish eyes, reviewing: Turkey in the World War, by Ahmed Emin; and Turkey faces west, by Halide Edib. *Cur. Hist. Mag.* 33:2:xii-xv. (1250)

(3) Articles:

Caliph. *Encyc. Soc. Sci.* 3:145-49. (3400)

New crisis in Zionism. *Cur. Hist. Mag.* 33:3:385-88. (2400)

Turkey and the Near East (12 monthly articles). *Ibid.* 32:4-6; 33:1-6; 34:1. (30,150)

Oriental and Near Eastern relations of the United States. *Amer. Yr. Bk.* 1930. 62-68. (3500)

LYTLE, E. B.

(4) Books:

With A. R. Crathorne:

Trigonometry. Henry Holt & Co., N. Y. 1930. 295 pp.

McCARTY, L. C.

(1) Book notices:

Modern debate practice, by Waldo O. Willhoft. *Qt. J. Speech.* XVI:3:374-75. (500)

McCARTY, L. C.

(1) Book notices (continued)

Make-up, by John F. Baird. *Ibid.* XVI:4:526-27. (190)

(3) Articles:

Debating and current thought. Platform World. XXXIX:12:25-26. (1000)

MACFATE, R. P.

(3) Articles:

With E. F. Traut:

Hyperguanidemia in tetany. J. A. M. A. 96:4:6. (2000)

McGUIGAN, H. A.

(3) Articles:

Detoxification of nicotine by ultra-violet rays. J. Pharmacol. and Exper. Therap. XXXIX:2:241-44. June, 1930. (1800)

McMUNN, R. L.

(3) Articles:

Some factors affecting the apple crop. Trans. Ill. State Hort. Soc. 64:388-94. (2000)

MARKIN, L. E.

(1) Book notices:

Hypersensitiveness, by Boxwood. J. Allergy. 1:4:346-50. (1000)

MARSH, R. S.

(3) Articles:

Winter injury. Proc. Ill. State Hort. Soc. 64:571. (1500)

Spray residue. *Ibid.* 64:153. (500)

Relation of tree condition to yield in bearing peach trees. Proc. Mo. State Hort. Soc. 1929-30. p. 142. (1000)

Oils sprays vs. washing apples. Proc. Mich. State Hort. Soc. vol. 60. (2000)

MARVEL, C. S.

(3) Articles:

A synthesis of methionine. J. A. C. S. 52:6:2575-78. (1500)

With Edward McMahon:

Mercurated azo dyes derived from benzidine and orthotolidine. *Ibid.* 52:6:2528-31. (1750)

With Wallace Windus:

The reduction of nicotine and some derivatives of hexa- and octahydronicotines. *Ibid.* 52:6:2543-46. (1750)

With S. S. Rossander and L. H. Bock:

Tetracyclohexyldiphenylethane. *Ibid.* 52:7:2076-81. (2500)

With H. B. Gillespie:

Symmetrical dialkyl-tetra-tertiary-butylethynylethanes. *Ibid.* 52:8:3368-76. (4500)

With I. L. Ozanne:

Hexa-omega-tertiary-butylpropynylethane and some new acetylenic carbinols. *Ibid.* 52:12:5267-72. (2500)

MARVEL, C. S.

(3) Articles (continued)

With Esther Griffith:

The structure of the compounds produced by the addition of mercuric salts to olefines. II. *Ibid.* 53:2789-92. (1750)

(4) Books:

With Roger Adams, W. H. Carothers, H. T. Clarke, J. B. Conant, Henry Gilman, C. R. Noller, and F. C. Whitmore:

Organic Syntheses, vol. XI. John Wiley & Sons, N. Y. 1931. vii + 106 pp.

MATHEWS, J. M.

(3) Articles:

The London naval conference. *Amer. Yr. Bk.* 1930. pp. 51-54. (2000)

The United States and world affairs. *Ibid.* 1930. pp. 54-58. (2500)

National and international relations of states. *Ibid.* 1930. pp. 108-09. (1200)

State legislatures and legislation. *Ibid.* 1930. pp. 112-13. (1000)

State executives and departments. *Ibid.* 1930. pp. 114-15. (1000)

State administration and judiciary. *Ibid.* 1930. pp. 115-17. (1300)

MAYS, A. B.

(3) Articles:

Progressive trends in practical arts education. *U. of Ill. Bur. Educ. Res. Bul.* 54:31-36. (2200)

A new kind of school teacher. *Proc. Ill. Voc. Assoc.* 2:29-37. (4600)

The general objectives and significance of industrial arts and vocational education. *Bruce's School Shop An.* 1931:65-68. (2125)

(4) Books:

An introduction to vocational education. Century Co., N. Y. 1930. x + 319 pp.

METCALF, C. L.

(3) Articles:

Progress in spraying and dusting methods during the past seventy-five years. *Trans. Ill. State Hort. Soc.* 64:287-307. (9000)

Insects and insecticides: fundamentals of importance. *Amer. Flor.* 73:nos. 2200-2203. (10,000)

Insects that bite man. *Trans. Ill. State Acad. Sci.* 23:261-72. (6000)

What is control? *Science.* 71:1851:637-38. (750)

Stephen Alfred Forbes. *Entom. News.* 41:5:175-78. (1000)

With W. E. Sanderson:

Black flies, mosquitoes, and punkies of the Adirondacks. *N. Y. State Mus. Circ.* 5:1-38. (11,000)

MEYER, JACOB

(3) Articles:

With J. E. Lackner and S. S. Schochet:

Paroxysmal tachycardia in pregnancy. *J. A. M. A.* 94:1901-04. (2500)

MEYER, JACOB

(3) Articles (continued)

With L. B. Kartoon:

The effects of intravenous injections of foreign protein on peptic ulcer. *Arch. Int. Med.* 46:768-77. (2500)

With D. H. Rosenberg:

Agranulocytopenia (agranulocytic angina). *Med. Clin. N. Amer.* 1930.

With Morris Parker:

Subarachnoid hemorrhage in a case of purpura hemorrhagica. *Ibid.* 1930.

MICHAUD, RÉGIS

(4) Books:

Emerson, the enraptured Yankee. Harpers' N. Y. 1931. 444 pp.

MILES, H. J.

(3) Articles:

On a generalization of Plücker's surface. *Ann. Math.* 31:3:355-65.

MILER, E. L.

(3) Articles:

Studies on *Glypthelmins quieta* Stafford. *J. Parasit.* XVI:4:238-43. (2500)

MILLER, G. A.

(1) Book notices:

Elementary theory of finite groups, by L. C. Mathewson. *Sci. Progr.* 25:529. (500)

Number, the language of science, by Tobias Danzig. *Bul. Amer. Math. Soc.* 37:9. (400)

(3) Articles:

Groups of isomorphisms of abelian groups. *Proc. Nat. Acad. Sci.* 16:398. (2000)

Groups which are decomposable into two non-invariant cyclic subgroups. *Ibid.* 16:527. (1700)

Groups which admit five-eighths automorphisms. *Ibid.* 17:39. (1600)

Inverse commutator subgroups. *Ibid.* 17:144. (1500)

On the history of determinants. *Amer. Math. Mo.* 37:216. (1800)

Extension of the concept of group of isomorphisms. *Ibid.* 37:48. (1200)

A few theorems relating to the Rhind mathematical papyrus. *Ibid.* 38:194. (2000)

Useful mathematics. *School and Soc.* 41:646. (700)

Mathematics in the fourteenth edition of the Encyclopaedia Britannica. *J. Indian Math. Soc.* 18:169. (3000)

Marginal notes on volume 2 of Smith's History of Mathematics. *Ibid.* 18:265. (2500)

Early definitions of the mathematical term *abstract group*. *Science.* 72:168. (1000)

Babylonian mathematics. *Ibid.* 72:601. (1000)

MILLER, G. A.

(3) Articles (continued)

- Determination of all the groups of order 64. *Amer. J. Math.* 52:617. (9000)
Introduction à la théorie des congruences au moyen de la théorie des groupes. *L'Enseignement Math.* 29:7. (5000)
Inverting the denominator of a fraction. *School Sci., and Math.* 30:881. (1200)
On the history of common fractions. *Ibid.* 31:138. (2500)
Finality in mathematics. *Sci. Mo.* 31:531. (2000)
Groups generated by two operators whose squares are invariant. *Bul. Amer. Math. Soc.* 37:270. (2000)

MILUM, V. G.

(3) Articles:

- The temperature of individual honey bees. *Rpt. State Apiarist of Iowa*, 1929. 61-65. (2500)
Wintering and production records. *Amer. Bee J.* 70:475-77. (1800)
Comparative methods of management. *Ill. State Beekeepers' Assoc. An. Rpt.* 29:55-63. (3500)
Brood rearing temperature and variations in developmental periods of the honey bee. *Ibid.* 29:72-95. (10,000)

(4a) Books and periodicals edited:

- 29th An. Rpt. *Ill. State Beekeepers' Assoc.* Springfield, Ill. 1931. 196 pp.
Ill. State Beekeepers' Assoc. Bul. Champaign, Ill. 9:17-32; 10:1-16.
Amer. Honey Producer. Champaign, Ill. 5:3:1-16.

MITCHELL, D. R.

(3) Articles:

- Coal preparation problems in the Illinois field. *A. I. M. E., Tech. Pub.* 362. Sept., 1930.

With S. W. Parr:

- Friability of midtemperature cokes. *Ind. and Eng. Chem.* Oct., 1930.
The slacking of coal and its proper interpretation. *Ibid.* Nov., 1930.

With S. W. Parr and H. C. Hopkins:

- Fusain. *Ibid.* Jan., 1931.

With A. C. Callen:

- Washability tests of Illinois coals. *U. of Ill. Eng. Exp. Sta. Bul.* 217.

MITCHELL, H. H.

(3) Articles:

- The paired-feeding method: its value and limitations in livestock experimentation. *Proc. Amer. Soc. Animal Prod.*, 1930. (4500)
The significance of surface area determinations. *J. Nutr.* II:5: 437-42. (1800)
The surface area of single comb white leghorn chickens. *Ibid.* II:5:443-49. (1800)

With G. E. Hunt, T. S. Hamilton, and W. E. Carroll:

- The production and cure of nutritional anemia in suckling pigs. *J. Agr. Res.* 40:10:927-38. (5500)

MITCHELL, H. H.

(3) Articles (continued)

With W. E. Carroll and G. E. Hunt:

Ferric citrate as an ingredient of mineral mixtures in paired-feeding experiments with growing swine. *Ibid.* 40:10:921-26. (4000)

Potassium iodide as a mineral supplement in paired-feeding experiments with growing swine. *Ibid.* 41:1:65-77. (3500)

With F. J. McClure:

Influence of small quantities of potassium iodide on the assimilation of nitrogen, phosphorus, and calcium in the growing pig. *Ibid.* 41:1:79-87. (5000)

The effect of calcium fluoride and phosphate rock on the calcium retention of young growing pigs. *Ibid.* 42:6:363-73. (7500)

With Jessie R. Beadles and Winfred W. Braman:

The relation between cystine deficiency in the diet and growth of hair in the white rat. *J. Biol. Chem.* LXXXVIII:2:623-27. (2000)

The cystine deficiency of the proteins of garden peas and of potatoes. *Ibid.* LXXXVIII:2:615-22. (3500)

With F. J. McClure:

The effect of fluorine on the calcium metabolism of albino rats and the composition of the bones. *Ibid.* XC:1:297-320. (10,000)

With L. E. Card and T. S. Hamilton:

The minimum nutritive requirements of single-comb white-leghorn chickens. *Trans. 4th World's Poultry Congr. (London) 1930:* 301-06. (2100)

Further studies on the vitamin E requirements of poultry. II. The performance of pullets raised on a vitamin E free diet. *Proc. 22d An. Meet. Poultry Sci. Assoc. 1930:* 29-31. (1500)

MONROE, W. S.

(3) Articles:

A survey of the requirements for the doctor of philosophy in education. *School and Soc.* 31:803:655-61. (3500)

Contribution of research to educational theory and practice. *Ind. State Teachers Coll. J.* 2:42-45. (1800)

Introduction. *U. of Ill. Bur. Educ. Res. Bul.* 54:7-11. (1500)

With T. T. Hamilton and V. T. Smith:

Locating educational information in published sources. *Ibid.* 50:1-142. (49,000)

With M. D. Engelhart:

Stimulating learning activity. *Ibid.* 51:1-58. (27,000)

MOORE, H. F.

(3) Articles:

Tests of the resistance to repeated pressure of forged, riveted and welded boiler shells. *Trans. A. S. M. E.* 53:1:55-60. (3000)

Why metals fail. *Prod. Eng.* 2:4:164-66. (1800)

Engineering culture. *Science.* LXXIII:1881:51-53. (1600)

MOORE, H. F.

(3) Articles (continued)

On what value should working stress be based? *Mach. Design.* 3:2:35-38. (2000)

The quest of elasticity. *Civ. Eng.* 1:3:171-74. (2700)

The need of research in welding. *Combustion.* 2:9:17. (400)

The history of the flexure formula. *J. Eng. Educ.* XXI:2:156-65. (3500)

With H. R. Thomas:

Transverse fissures in steel rails. *Bul. Util. Res. Com.* 2:3:1-4. (1000)

With Tibor Ver:

A study of slip lines, strain lines, and cracks in metals under repeated stress. *U. of Ill. Eng. Exp. Sta. Bul.* 208:1-60. (9000)

MORA, J. M.

(3) Articles:

Reduction of simple fractures of the extremities under local anesthesia. *Amer. J. Surg.* 8:1062-64. (1000)

Acute suppurative thyroiditis in children. *Amer. J. Dis. Children.* 40:500-2. (1000)

Thyroidectomy for thyrotoxicosis in patients beyond the fiftieth year. *Ill. Med. J.* 59:338. (500)

With E. I. Greene:

Thyroidectomy for thyrotoxicosis in older people; report of 200 cases over 50 years. *Amer. J. Med. Sci.* 181:74-81. (3000)

With D. A. Willis:

A biological reaction for hyperthyroidism. *Proc. Soc. Exper. Med. and Biol.* 28:262-63. (500)

MOREY, LLOYD

(3) Articles:

A university statistical service. *J. Higher Educ.* 1:8:463-67. (2300)

Plan for a national study for a uniform classification of accounts of universities and colleges. *Educ. Bus. Man. and Buyer.* June, 1930. (600)

David Kinley, an achievement in public finance. *Ibid.* Dec., 1930. (1630)

Greater uniformity in financial reports. *Proc. 11th An. Meet. Assoc. Univ. and Coll. Bus. Officers of Eastern States.* (4000)

MORROW, G. R.

(1) Book notices:

Der Platonis mus bei Clemens Alexandrinus, by Joachim Meifort. *Phil. Rev.* XL:1:95-96. (350)

Platons verhältnis zur Mathematik, by Seth Demel. *Ibid.* XL:3:306. (300)

The book of Diogenes Laertius, by Richard Hope. *J. Phil.* XXVIII:4, 107-08. (600)

MOSEHER, M. L.

(3) Articles:

With H. C. M. Case:

Better business on 600 farms. *Country Gentleman*. XCV:10:6.
(2500)

MUMM, W. J.

(3) Articles:

With C. M. Woodworth:

Heritable characters in maize. XXXVI—a factor for soft starch
in dent corn. *J. Hered.* 21:12:503-05. Dec., 1930. (725)

MURPHY, L. W.

(2) Original reviews:

Back shop for newspaper men. *U. S. Pub.* VIII:9:30. (1500)

A fair deal for labor news. *Nat. Printer-Journ.* 49:5:41, 50-52.
(2500)

A primer of advertising. *Journ. Qt.* VII:2:192-93. (500)

Bridging the gap with Hoover. *Ibid.* VIII:2:60. (1000)

(3) Articles:

Cultural values in the study of journalism. *Ibid.* VII:4:328-42.
(10,000)

The experimental college in journalism. *Ibid.* VIII:1:59-68. (6000)

Twelve notable American editors. *Pub. Auxil.* 65:44:1-5. (7000)

Sketches for the Illinois hall of fame. Memorial program pub.
by U. of Ill. (5000)

An experiment in education. Parts I, II, and III. *Nat. Printer-
Journ.* 49:2:62; 3:64-96; 4:78. (4500)

The third official classification of schools. *Ibid.* 49:2:74. (1600)

The hall of illustrious men. *U. S. Pub.* VIII:12:32. (1000)

Notable editors of Illinois. *Ibid.* VIII:11:32-33. (2500)

Illinois women journalists. *Ibid.* VIII:10:32, 58. (2000)

Another Wisconsin idea. *Ibid.* VIII:7:30. (1000)

Reporting in the sixteenth century. *Ibid.* VIII:8:20, 60, 61. (2400)

The good old days. *Ibid.* VIII:7:24, 50. (1000)

The ASNE recommendation. *Ibid.* VIII:6:28. (800)

A program for college journalism. *Epsilon*. 12:2:7, 9. (1500)

The hall of fame at Illinois. Ed. and Pub. 63:48:41-42. (1500)

(4) Books:

An introduction to journalism. Thomas Nelson & Sons, N. Y. 1930.
399 pp.

(4a) Books edited:

The professional register, vol. 2. Illinois Press, Urbana, Ill. 1930.
80 pp.

Journalism Series for Thomas Nelson & Sons, N. Y. 1931.

NADEAU, O. E.

(3) Articles:

Hyperthyroidism associated with cardiac disorders. *Surg., Gyn.,
and Obstet.* LI:144-45. Jan., 1930.

Practical experiences in electrosurgery. *Ibid.* LII:2A:511-12.

NADEAU, O. E.

(3) Articles (continued)

Differential diagnosis of carcinomatosis and tuberculous peritonitis by means of the cystoscope. *Surg. Clin. N. Amer.* 8:36:561-65. June, 1930.

Case of carcinoma of the bladder apparently cured by erysipelas. *Ibid.* 2:1:57-60.

NEDZEL, A. J.

(3) Articles:

With L. Arnold:

Intermittent fecal elimination of bacteria in chronic biliary carriers. *Trans. Chicago Path. Soc.* 13:3:227-28. (700)

Influence of eggwhite upon the absorption of bacteria from the intestinal tract. *Proc. Soc. for Exper. Biol. and Med.* 28:4:358-60. (340)

Influence of eggwhite upon the elimination of bacteria into the intestinal tract. *Ibid.* 28:4:360-61. (580)

Influence of eggwhite upon the cyclic circulation of bacteria in the splanchnic area. *Ibid.* 28:4:361-64. (570)

Influence of eggwhite in the duodenum upon the elimination of bacteria into the gallbladder. *Ibid.* 28:4:364-66. (370)

Absorption of bacteria from the gallbladder. *Ibid.* 28:4:366-67. (360)

NEVENS, W. B.

(3) Articles:

With D. D. Shaw:

An improved method for the study of nutritional anemia in the white rat. *Science.* LXXII:1862:249-51. (1300)

With H. P. Rusk, W. G. Kammlade, J. L. Edmonds, C. W. Crawford, W. E. Carroll, and H. J. Sloan:

Utilizing the soybean crop in livestock feeding. *U. of Ill. Agr. Exp. Sta. Circ.* 369:1-44. (22,880)

NEWCOMB, REXFORD

(1) Book notices:

Traditional methods of pattern designing. *Art and Archaeol.* XXXI:4:238. (150)

(2) Original reviews:

History of the campus plan—University of Illinois. *West. Arch.* XXXIX:12:212. (500)

(3) Articles:

Pennsylvania college and her century-old Greek revival building. *Art and Archaeol.* XXIX:6:251-55, 285. (2000)

Our national parks. *West. Arch.* XXXIX:6:87. (680)

Light architecture. *Ibid.* XXXIX:7:103. (675)

Over the editor's desk. *Ibid.* XXXIX:6:102; 7:118; 8:134; 9:152; 10:170; 11:192; 12:215; XL:1:25; 2:22; 3:20; 4:2. (1200 words each)

NEWCOMB, REXFORD

(3) Articles (continued)

The building outlook. *Ibid.* XXXIX:8:119. (900)

The new art school building, John Herron Instit., Indianapolis. *Ibid.* XXXIX:8:125. (525)

The new Junipero Serra museum at San Diego. *Ibid.* XXXIX:10:164. (600)

A new kind of college. *Ibid.* XL:3:7-8. (750)

College of Fine and Applied Arts at the University of Illinois. *Ibid.* XL:3:13. (550)

NORTON, E. A.

(3) Articles:

Some soil characteristics that question certain pedologic interpretations. Amer. Soil Surv. Assoc. Bul. XII:99-103. March, 1931. (1200)

With Eric Winters:

Pedological aspects of the genesis and morphology of Illinois soils. Rpt. 2d Internat. Soil Sci. June, 1930. (3000)

With R. S. Smith, E. E. DeTurk, F. C. Bauer, and L. H. Smith:

Edwards county soil report. U. of Ill. Agr. Exp. Sta. Soil Rpt. 46:1-69. July, 1930. (28,500)

Effingham county soil report. *Ibid.* 48:1-55. Feb., 1931. (23,000)

NORTON, L. J.

(3) Articles:

Prices of Illinois farm products from 1921 to 1929. *Ibid.* 363. 82 pp. (20,500)

Prices of Illinois farm products in 1930. *Ibid.* 365. 10 pp. (2500)

Wheat marketing in the United States. Proc. 2d Internat. Conf. Agr. Econ. 10 pp. (2500)

With B. B. Wilson:

Prices of Illinois farm products from 1866 to 1929. U. of Ill. Agr. Exp. Sta. Bul. 351. 80 pp. (20,000)

NOYES, W. A.

(3) Articles:

Interaction between nitrogen trichloride and nitric oxide at -150° . II. J. A. C. S. 52:4298-301. (1500)

With C. W. Bennett:

Attempts to resolve derivatives of fluorene. *Ibid.* 52:3437-40. (1200)

With Ulrich Heubaum:

Optically active diazo compounds. Diazocamphane. *Ibid.* 52:5070-78. (3000)

ODELL, C. W.

(1) Book notices:

Errors and improvement in rating English compositions by means of a composition scale, by Hwang Pu. J. Educ. Res. 22:5:417-18. (600)

ODELL, C. W. (continued)

(3) Articles:

Predicting the scholastic success of college students. U. of Ill. Bur. Educ. Res. Bul. 52:1-43. (17,500)

With J. S. Kinder:

Educational tests for use in institutions of higher learning. U. of Ill. Bur. Educ. Res. Circ. 55:1-95. (51,000)

Summer work in elementary and high schools. Proc. H. S. Conf., U. of Ill. Bul. 27:41:19-24. (4400)

(4) Books:

Educational measurement in high school. Century Company, N. Y. 1930. 617 pp.

O'DONNELL, T. E.

(2) Original reviews:

Ricker manuscript translations, part IX. Viollet-le-Duc's dictionary of French architecture, vol. VII. Pencil Points. IX:11:875-78. (1660)

(4) Books:

With L. D. Tilton:

History of the campus plan, University of Illinois. U. of Ill. Press, Urbana, Ill. 1930. 245 pp.

OLDFATHER, W. A.

(1) Book notices:

A dictionary of Greek and Latin combining forms used in zoological names, by E. C. Jaeger. J. Parasit. XVII:1:165. (250)

(2) Original reviews:

Cicerone e i suoi Tempi, by E. Ciaceri. Amer. Hist. Rev. XXXVI:1:100-02. (1000)

(3) Articles:

Is religion essential to every adequate philosophy of living? Y.M.C.A., U. of Ill. 37 pp. (10,000)

An Aesopic fable in a schoolboy's exercise. Aegyptus. X:2-4:255-56. (400)

Louis de Beaufort. Encyc. Soc. Sci. II:485. (300)

A nuance in the friendship of Cicero and Atticus. Class. J. XXVI:2. (600)

The character of the training and of the thesis for the degree of doctor of philosophy in the classics. *Ibid.* XXVI:8:580-89. (3500)

With Inez G. Lough:

The Urbana Homiliarium of Paulus Diaconus. Speculum. VI:2:293-94. (1000)

(4) Books:

Elementa Iurisprudentiae Universalis, by Samuel Pufendorf, translation and critical notes. Oxford Univ. Press. 304 pp. (150,000)

OLSON, F. C.

(3) Articles:

With W. E. Carroll, Sleeter Bull, G. E. Hunt, and J. H. Longwell:

Effect of soybeans and soybean oil meal on quality of pork. U. of Ill. Agr. Exp. Sta. Bul. 366:34-80.

With Sleeter Bull and J. H. Longwell:

Effects of sex, length of feeding period, and a ration of ear-corn silage on the quality of baby beef. *Ibid.* 355:165-233; Abst. 355:1-19.

OVERMAN, O. R.

(3) Articles:

Why your butter deteriorates. Butter and Cheese J. 21:15:20, 66-67. (2000)

With O. F. Garrett:

A non-acid Babcock method for determining fat in ice cream. U. of Ill. Agr. Exp. Sta. Bul. 360:393-406. (4800)

PARK, ORLANDO

(3) Articles:

Studies in the ecology of forest Coleoptera—II. Ecology. 12:1:188-207. (6000)

The measurement of daylight in the Chicago area and its ecological significance. Ecol. Mono. 1:2:189-230. (6000)

PARR, ROSALIE M.

(3) Articles:

With Mable A. Spencer and H. W. Garnett:

A study of methods of teaching chemistry. Proc. H. S. Conf., U. of Ill. Bul. 27:41:257-62. (4000)

PARRY, J. J.

(1) Book notices:

Arthuriana, Proceedings of the Arthurian Society. J. Engl. and Germ. Philol. XXX:1:98-99. (350)

(2) Original reviews:

Lancelot in English literature, by August J. App. *Ibid.* XXIX:3: 448-49. (400)

The Historia Regum Britanniae of Geoffrey of Monmouth, by Acton Griscom. *Ibid.* XXX:1:95-98. (1800)

The Mabinogion, by T. P. Ellis and J. Lloyd. Speculum. VI:1:139-42. (1250)

(3) Articles:

The Welsh texts of Geoffrey of Monmouth's Historia. *Ibid.* V:4: 424-31. (3500)

(4) Books:

With C. S. Northup:

Bibliography of modern versions of the Arthurian stories. Mimeo., Urbana, Ill. 1930. 5 pp.

PAUL, H. G.

(2) Original reviews:

A new approach to poetry, by Chapman and Thomas. *Engl. J.* XIX:839-40. (800)

(3) Articles:

Conversation. *Bul. Ill. Assoc. Teachers Engl.* XXIII:1:1-8. (2800)

On attaining the twenty-third year. *Ibid.* XXIII:1:9-10. (500)

Enriching our teaching of literature. *Ibid.* XXIII:3:1-9. (3500)

More priming for "Leaky Pumps." *Ibid.* XXIII:2:20-1. (750)

The teacher of science and the language problem. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:259-65. (3500)

Enriching our teaching of literature. *Ibid.* 28:16:105-08. (3500)

(4) Books:

With W. D. Miller:

Language Goals. Lyons & Carnahan, Chicago. 1930. Bk. I, xii + 160 pp.; Bk. II, xii + 170 pp.; Bk. III, xiii + 179 pp.

PEASE, T. C.

(2) Original reviews:

England in the age of the American revolution, by Namier. *Amer. Hist. Rev.* XXXVI:3:583-85. (700)

(3) Articles:

1780—the revolution at crisis in the west. *J. Ill. State Hist. Soc.* XXIII:4:121-39. (7000)

Stephen A. Forbes. *Ibid.* XXIII:3:543-48. (2000)

Edwards, N. W. *Dict. Amer. Biog.* 6:42-43. (650)

Farwell, C. W. *Ibid.* 6:294-95. (700)

Farnsworth, J. F. *Ibid.* 6:284-85. (650)

Ford, Thomas. *Ibid.* 6:520-21. (1000)

PEIRCE, D. D.

(3) Articles:

With L. F. Yntema:

Electrometric studies of the precipitation of columbium and tantalum and of molybdenum and tungsten. *J. Phys. Chem.* 34:2:1822-25. (1000)

PICKELS, G. W.

(4) Books:

With C. C. Wiley:

Route surveying. John Wiley & Sons, N. Y. 1930. xiii + 380 pp.

PIEPER, J. J.

(3) Articles:

The increasing menace of weeds—a national problem. *Rpt. Ill. Farm. Instit.* 35:5-18. (5400)

PILOT, ISADORE

(3) Articles:

With D. J. Davis:

Sporadic septic sore throat due to *Streptococcus epidemicus*. *J. Inf. Dis.* 47:508-10. (1500)

PILOT, ISADORE

(3) Articles (continued)

With D. J. Davis and B. Hallman:

Human carriers of *Streptococcus epidemicus*. *Ibid.* 47:503-05. (2000)

A culture medium for the isolation of *Streptococcus epidemicus* of septic sore throat. *J. A. M. A.* 95:265-66. (1000)

PLEASANTS, ANNIE L.

(3) Articles:

Effect of nitrate fertilizers on stomatal behavior. *J. Elisha Mitchell Sci. Soc.* 46:1:95-116. (10,000)

POGGI, EDITH MURIEL

(3) Articles:

The forest of Dean coalfield in Gloucestershire. *Econ. Geog.* 6:3:309-20. (6000)

Devonshire: a study of rural England. *Bul. Phila. Geog. Soc.* 28:3:161-73. (5500)

The geographic regions of Illinois. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:137-40. (2800)

POLSON, J. A.

(4) Books:

Internal combustion engines. John Wiley & Sons, N. Y. 1931. 469 pp.

POTTHOFF, E. F.

(2) Original reviews:

Educational achievement in relation to intelligence, by C. W. St. John. *Elem. School J.* XXXI:314-15. (750)

(3) Articles:

Predicting the college success of students at the University of Chicago. *Trans. Ill. State Acad. Sci.* 23:3:578-83. (2300)

A study of the selective admission of college students. *Univ. of Chicago. Abst. of Theses, VII:*151-57. (2500)

Predicting the ultimate failure of college students on basis of their first quarter's records. *School and Soc.* XXXIII:203-05. (1400)

(4) Books:

With S. M. Corey:

A standardized test in educational psychology (a series of booklets). Public School Pub. Co., Bloomington, Ill. 1931. 28 pp.

PUNKE, H. H.

(3) Articles:

Recent developments in German secondary education. *School Rev.* XXXVIII:8:576-84; 9:680-93. (8300)

Professional organizations of teachers in Germany. *Elem. School J.* XXXI:7:514-23. (3500)

QUILL, L. L.

(1) Book notices:

Abstracts of 30 articles in various chemical journals. *Chem. Abst.*
vols. 24, 25. (4000)

(3) Articles:

Reactions of boron trichloride. *Trans. Ill. State Acad. Sci.*
23:3:333-38. (2000)

With P. W. Schwood:

Recent advances in rare earth chemistry. *Ibid.* 23:3:339-44. (2200)

QUIRKE, T. T.

(4) Books:

With W. H. Collins:

Disappearance of the Huronian. *Geol. Surv. of Canada, memoir* 160.
Ottawa, Canada. 1930. 129 pp.

RAMSEY, R. J.

(3) Articles:

Food poisoning probably caused by orange-colored *Staphylococcus*
from udders of apparently healthy cows. *Proc. Soc. for Exper.*
Biol. and Med. XXVIII:390-91. (350)

RAND, HELEN M.

(3) Articles:

The devils' own national convention. *Engl. J.* XIX:9:742-44. (1500)
Text-books from the outside. *School and Soc.* XXXII:816:229-39.
(1200)

English is not dead. *Chicago Schools J.* XIII:1:6-7. (1000)

Phrase patterns—fitting phrases ready to use. *Ibid.* XIII:5:220-21.
(1200)

RANDALL, J. G.

(2) Original reviews:

Abraham Lincoln traveled this way: the log book of a pilgrim to
the Lincoln country, by Fred L. Holmes. *Miss. Vall. Hist. Rev.*
17:4:625-26. (300)

Social and economic history of the United States, vol. I: From
handicraft to factory, 1500-1820, by Harry J. Carman. *Ibid.*
17:4:660-62. (500)

War, politics, and reconstruction: stormy days in Louisiana, by
Henry Clay Warmoth. *Amer. Hist. Rev.* 36:3:613-14. (450)

Books on Lincoln—(Lincoln, by Emil Ludwig; Abraham Lincoln—
cartoon history, 2 vol., by Albert Shaw; Lincoln at Gettysburg,
by W. E. Barton; New Letters and Papers of Lincoln, com-
piled by Paul M. Angle). *Yale Rev.* 19:4:832-36. (1400)

(3) Articles:

Lincoln's task and Wilson's. *S. Atlantic Qt.* 29:4:349-68. (7000)

David Davis. *Dict. Amer. Biog.* 5:110-12. (1500)

RAYNER, W. H.

(3) Articles:

Transit traversing and stadia leveling. *Trans. A. S. C. E.* 94:679-
703. (7500)

RAYNER, W. H. (continued)

(4) Books:

With R. E. Davis and E. M. Foote:

Elements of surveying. McGraw-Hill Book Co., N. Y. 1930.
xxi + 581 pp.

REAGAN, G. W.

(3) Articles:

The adjustment of curriculum to capacity. Proc. H. S. Conf., U.
of Ill. Bul. 27:41:11-16. (4000)

Adapting instruction to individual differences. *Ibid.* 27:41:166-68.
(1250)

REED, C. I.

(3) Articles:

With R. D. Barnard:

Attempt to characterize substances responsible for increased uric
acid values in blood irradiated. Amer. J. Physiol. 93:1:146-51.
(2000)

With E. A. Thacker:

The effect of intravenous and intraperitoneal injections of irradi-
ated ergosterol. *Ibid.* 96:1:21-7. (1000)

With A. Bachem:

The penetration of light through human skin. *Ibid.* 97:1:86-91.
(1400)

With E. G. Lipow and W. K. Weaver:

Mobilization of the inorganic constituents of the blood by vagal
stimulation. Proc. Soc. for Exper. Biol. and Med. 28:531-33.
(320)

With Lindon Seed:

Administration of viosterol in human parathyroid tetany. *Ibid.*
28:376-80. (270)

With B. E. Montgomery:

The bactericidal power of viosterol. *Ibid.* 28:481-82. (260)

REED, J. C.

(3) Articles:

With E. E. Ambrosius:

Viscosity of refrigerants. Heating, Piping, and Air Conditioning.
2:6. June, 1930.

Flow of fluids. *Ibid.* 2:7. July, 1930.

The design of evaporators. *Ibid.* 3:4. Apr., 1931.

Some limitations of a diagram for gas flow in pipes. *Ibid.* 3:5.
May, 1931.

Volumetric efficiency of a vertical single acting ammonia com-
pressor. Refrig. Eng. 21:3. March, 1931.

Volumetric efficiency of an ammonia compressor. Ice and Refrig.
8:3. March, 1931. Technograph. XLV:6. Apr., 1931.

REEDY, J. H.

(1) Book notices:

Laboratory record book of qualitative analysis, by C. J. Engelder.
J. Chem. Educ. 8:5:1011. (225)

Abstracts of 30 articles in various chemical journals. Chem. Abst.
vols. 24 and 25. (3000)

(3) Articles:

With J. A. Reynolds:

Calcium perchromate: a new type of red perchromate. J. A. C. S.
52:5:1851-53. (1200)

With M. H. Brown:

Determination of lithium. Ind. and Eng. Chem. Anal. Ed. 2:3:
304-06. (1700)

(4) Books:

With L. F. Audrieth:

Laboratory exercises, Chemistry 4. Urbana, Ill. 1931. 62 pp.

REICH, H. J.

(3) Articles:

A sodium-argon glow-tube. Rev. Sci. Instr. 1:5:289-91. (950)

A periodic contactor operated by a neon-tube oscillator. *Ibid.*
2:3:164-70. (1800)

An improved model of the neon-tube contactor. *Ibid.* 2:4:234-36.
(900)

A new method of testing for distortion in audio-frequency ampli-
fiers. Proc. Instit. Radio Eng. 19:3:401-15. (5500)

RICHART, F. E.

(2) Original reviews:

Analysis of continuous frames by distributing fixed-end moments,
by H. Cross. Proc. A. S. C. E. 57:1:139-44. (3000)

With N. H. Roy:

Reinforced concrete columns subjected to flexure, by H. Cross.
Proc. A. C. I. XXVI:775-92. (7000)

(3) Articles:

Stresses and strains in spirally reinforced concrete columns. First
communications, New Intern. Assoc. for Test. Matls. B:255-62.
(4000)

With N. H. Roy:

Digest of data on Poisson's ratio for concrete. Proc. A. S. T. M.
30:1:661-68. (3500)

With V. P. Jensen:

Tests of plain and reinforced Haydite concrete. *Ibid.* 30:11:674-94.
(9000)

Disclose nature of Haydite concrete. Concrete. 38:2:31-32. (1000)

Construction and design features of Haydite concrete. J. A. C. I.
2:2:252-84. (11,000)

Tests of bonding of floor finish to slabs of haydite and gravel con-
crete. *Ibid.* 2:4:339-57. (7000)

RICHART, F. E.

(3) Articles (continued)

With G. C. Staehle:

Progress report on column tests at University of Illinois. *Ibid.* 2:6:731-60. (12,000)

Second progress report on column tests at University of Illinois. *Ibid.* 2:7:761-90. (12,000)

With H. F. Gonnerman:

Report of Committee 101, survey of current research. *Ibid.* 2:5:469-510. (16,000)

RICKEY, L. F.

(3) Articles:

Processing soybeans. U. of Ill. Agr. Exp. Sta. Mimeo. leaflet. Dec., 1930. 5 pp. (1600)

The industrial utilization of farm wastes. *Ibid.* Dec., 1930. 6 pp. (1800)

Business procedure in shipping grain from producing to consuming sections. U. of Ill. Agr. Exp. Sta. Circ. 359:2-20. July, 1930. (4500)

RIEBEL, J. P.

(3) Articles:

The notched violin (a play). Letters. 4:14:10-22. (15,000)

RINAKER, CLARISSA

(3) Articles:

Some unconscious factors in the sonnet as a poetic form. Internat. J. Psych.-Anal. XII:2. (6000)

ROBERTS, ELMER

(3) Articles:

Recent studies in animal genetics (abstract). Peking Nat. Hist. Bul. 5:II:33-35. (1400)

With L. E. Card:

Inheritance of resistance to pullorum disease. Trans. 4th World's Poultry Congr. (London) 1930:488-93. (2500)

ROBERTSON, W. S.

(1) Book notices:

Mexico, Cuba, and South America (notes on selected current literature). Amer. Hist. Rev. XXXV:987-89; XXXVI:254-56; 493-94; 699-700. (3000)

Foreign intervention in the Rio de la Plata, 1838-1850, by J. F. Cady. *Ibid.* XXXVI:210-11. (350)

The encomiende in New Spain, by L. B. Simpson; the intendant system in Spanish America, by L. E. Fisher. *Ibid.* XXXV:933-34. (400)

El Panamericanismo y la opinion Europea, by Orestes Ferrera. Cur. Hist. Mag. XXXIII:1:xx-xxi. (700)

Cartas del Libertador, ed. by Vicente Lecuna. *Ibid.* XXXIV:2:xix-xx. (1800)

ROBERTSON, W. S.

(1) Book notices (continued)

Bolivar, the passionate warrior, by T. R. Ybarra. *Nation*. CXXXI: 185. (500)

(3) Articles:

Foreign estimates of the Argentine dictator, Juan Manuel de Rosas. *His.-Amer. Hist. Rev.* X:125-37. (4500)

ROBINSON, FLORENCE B.

(3) Articles:

The gardens of Japan and China. *Vista*. 1930:5-6; 13-14. (1600)
the astronomical observatory in Peking. *Art and Archaeol.* XXX:1,2:37-43. Aug., 1930. (1000)

Notice of a seminar on oriental art. *Land. Arch. Qt.* XXI:3:242. Apr., 1931. (130)

RODEBUSH, W. H.

(3) Articles:

The entropy of hydrogen. *Phys. Rev.* 37:221. (300)

The superposition of electron charges in molecules and alpha-particles. *J. A. C. S.* 53:1611. (350)

With E. G. Walters:

The vapor pressure and vapor density of sodium. *Ibid.* 52:2654-65. (6000)

With W. A. Nichols, Jr.:

Molecular ray experiments. The chemical activity of molecular and atomic oxygen. *Ibid.* 52:3864-68. (2000)

An attempt to determine nuclear moments. *Ibid.* 52:3024. (250)

With W. F. Henry:

Vapor pressure of sodium. Low pressure measurements with the absolute manometer. *Ibid.* 52:3159-61. (500)

With S. M. Troxel:

Heat of formation of molecular oxygen. *Ibid.* 52:3467. (250)

RODKEY, F. S.

(1) Book notices:

Abstracts of all important articles in the current issues of *Revue d'histoire diplomatique*. *Soc. Sci. Abst.* vols. II and III. (2500)

(3) Articles:

Lord Palmerston and the rejuvenation of Turkey, 1830-41. Part II, 1839-41. *J. Mod. Hist.* II:2:193-225. (11,000)

Reshid Pasha's memorandum of August 12, 1839. *Ibid.* II:2:251-57. (2500)

Anglo-Russian negotiations about a "permanent" quadruple alliance, 1840-1841. *Amer. Hist. Rev.* XXXVI:2:343-49. (2500)

The views of Palmerston and Metternich on the eastern question in 1834. *Engl. Hist. Rev.* XLV:180:627-40. (5500)

ROSE, W. C.

(3) Articles:

With C. W. Scull:

Arginine metabolism. I. The relation of arginine content of the diet to the increments in tissue arginine during growth. *J. Biol. Chem.* 89:1:109-23. (4500)

ROSENBLUM, PHILIP

(3) Articles:

With B. M. Gasul:

A case of a primary sarcoma of the lung in an infant twenty-nine months of age. *Arch. Ped.* XLVIII:1:63-65. (750)

RUEHE, H. A.

(3) Articles:

Why drink buttermilk? *Milk Plant Mo.* 20:2. (1200)

With W. A. Foster and C. S. Rhode:

A plan of the milk house. *U. of Ill. Agr. Exp. Sta. Circ.* 371:1-8.

With M. J. Prucha and J. M. Brannon:

Effect of carbonation on bacterial content and keeping quality of dairy products. *U. of Ill. Agr. Exp. Sta. Bul.* 368:143-63.

With P. H. Tracy:

The relation of certain plant processes to flavor development in market milk. *J. Dairy Sci.* 14:3:250-67.

Recent studies in ice cream manufacture. *Ice Cream Rev.* 14:8:54-55. (2300)

RUTH, W. A.

(3) Articles:

Developments of research as applied to horticulture. *Trans. Ill. State Hort. Soc.* 64:307-15. (3200)

The 1930 drought, past and future results. *Ibid.* 64:533-44. (4800)

The limits of nitrogen fertilization. *Ibid.* 64:549-51. (800)

With M. J. Dorsey:

A record of an unusual flood in an apple orchard. *Proc. Amer. Soc. Hort. Sci.* 27:565-69. (2500)

SANDFORD, W. P.

(3) Articles:

The inspirational speech: a form of business address. *Platform World.* XL:1:24-25. (1200)

(4) Books:

With W. H. Yeager:

Problems in business and professional speaking. McGraw-Hill Book Co., N. Y. 1931. viii + 89 pp.

SAUNDERS, ALTA G.

(3) Articles:

Words which sell. *Chi. Eve. Amer. Retail Adv. Instit.* 1:13:4. (4000)

Making words pay profits. *Better Letters Club of Chicago Bul.* March 16, 1931. 1-20. (5000)

SAVAGE, T. E.

(3) Articles:

Sedimentary cycles in the Pennsylvanian strata. Amer. J. Sci. XX:125-35. (4350)

The geological history of the Macomb region. Trans. Ill. State Acad. Sci. XXII:492-502. (4500)

SCHMIDT, E. C.

(3) Articles:

Report of the committee on front-ends, grates, and ash pans of the International Railway Fuel Association. Proc. Internat. Ry. Fuel Assoc. XXII:160-202. (10,000)

With E. G. Young and H. J. Schrader:

Tests of a Mikado-type locomotive equipped with Nicholson thermic syphons. U. of Ill. Eng. Exp. Sta. Bul. 220. 99 pp.

(4) Books:

With E. G. Young:

Mechanical engineers' handbook—section on railway engineering. McGraw-Hill Book Co., N. Y. 1930. 1463-92. (16,000)

SCHNEELY, M. I.

(2) Original reviews:

Building and use restrictions in Pennsylvania, by Ervin. Ill. Law Rev. 25:7:856-57. (725)

(3) Articles:

Extinguishment of contingent future interests by decree and without compensation. Harvard Law Rev. 44:3:378-403. (10,000)

SCHOUR, ISAAC

(3) Articles:

A review of Maximow's research on inflammatory reaction. J. Amer. Dent. Assoc. XVII:9:1605-16. (3500)

SCHRADER, H. J.

(3) Articles:

With E. C. Schmidt and E. G. Young:

Tests of a Mikado-type locomotive equipped with Nicholson thermic syphons. U. of Ill. Eng. Exp. Sta. Bul. 220. 99 pp.

SCOVILL, H. T.

(3) Articles:

Occupations of former students who majored in accounting. Enterpriser. 10:2:14-20. (7800)

University of Illinois C. P. A.'s. *Ibid.* 10:2:9-10. (1200)

The problem of the transfer student. J. Bus. 3:2:133-38. (1800)

Value of school budgets and audits. Ill. Munic. Rev. 10:1:18-22. (3500)

(4) Books: See Bailly, H. H.

SEARS, O. H.

(3) Articles:

With F. M. Clark:

Non-reciprocal cross-inoculation of legume nodule bacteria. *Soil Sci.* 30:3:237-42. Sept., 1930. (2000)

Relation of nitrates in soils to the response of crops to potash fertilization: I. Factors contributing to the unproductiveness of "alkali" soils in Illinois. *Ibid.* 30:5:325-46. Nov., 1930. (8000)

With W. L. Burlison and J. C. Hackleman:

Growing alfalfa in Illinois. *U. of Ill. Agr. Exp. Sta. Bul.* June, 1930. 349:410-48. (12,450)

With H. E. Myers:

Some factors affecting the distribution of legume nodule bacteria in Illinois soils. *Trans. Ill. State Acad. Sci.* 23:3:174-79. (1150)

SECORD, A. W.

(2) Original reviews:

Richard Hakluyt and *The English Voyages*, by George Bruner Parks. *Mod. Lang. Notes.* XLV:7:477-78. (625)

Defoe: *Essay on projects*, by Ernst Gerhard Jacob; and *Realism in Defoe's narratives of adventure*, by Gerridina Roorda. *Ibid.* XLV:7:479-80. (700)

The life and strange and surprising adventures of Daniel De Foe, by Paul Dottin. (tr. from the French by Louise Ragan). *J. Engl. and Germ. Philol.* XXX:2:297-99. (600)

SEELY, F. B.

(3) Articles:

The statistical element in mechanics of materials. *Mech. Eng.* 52:9:839-44. (5000)

Correcting an error in application of flexure formula. *Mach. Design.* 2:9:32-35. (1500)

SEVERNS, W. H.

(3) Articles:

With A. C. Willard:

The automatic stoker for heating service, using Illinois coal. *Ill. State Geol. Surv. and Ill. Coal Bur., Coop. Min. Ser. Bul.* 33: 33-41. (2800)

SEYBOLT, R. F.

(1) Book notices:

Early letters of Mark Hopkins, by S. Hopkins. *J. Higher Educ.* I:9:540-41.

The new era in world history, by W. E. Lingelbach. *Soc. Sci. Abst.* II:5:750.

Geschichtsphilosophische Problematik seit der Jahrhundertwende, by K. Joël. *Ibid.* II:7:1143.

Autorität und Freiheit in der Gedankenwelt Ludwig von Gerlachs, by A. von Martin. *Ibid.* II:7:1231.

SEYBOLT, R. F.

(1) Book notices (continued)

Colonial Harvard, by B. Bentley. *Ibid.* II:11:1727.

Die Reform des englischen höheren Schulwesens im 19. Jahrhundert, by P. Meissner. *Ibid.* III:1:37.

History of early common school education in Washington, by T. W. Bibb. *Ibid.* III:1:48.

The teaching of history in French lycées and collèges, by O. W. Mosher and G. Quesnel. *Ibid.* III:2:317-18.

An approach to United States history in the senior high school, by F. Paige. *Ibid.* III:2:318.

(3) Articles:

Schoolmasters of colonial Boston. Pub. Col. Soc. Mass. XXVII: 130-56.

A note on the regulation of the practice of medicine in eighteenth century Massachusetts. New England J. Med. CII:22:1667-68.

A Massachusetts scouting journal of 1758. New England Qt. III:3:527-31.

The grammar school at Brown University in 1772. Rhode Island Hist. Soc. Collec. XXIII:3:73.

South Carolina schoolmasters of 1744. S. C. Hist. and Genealog. Mag. XXXI:4:314-15.

SHAW, J. B.

(3) Articles:

Merlin and Viviane. Math. Teacher. 24:4:223-31. (5000)

SHEDD, T. C.

(1) Book notices:

Memoirs and addresses of two decades, by Dr. J. A. L. Waddell. Ill. Eng. VI:5:1-2. (1500)

(3) Articles:

The Eads bridge. Bul. Assoc. State Eng. Soc. V:2:80-89. (4000)

SHELFORD, V. E.

(1) Book notices:

Penetration of light, by Shelford. Biol. Abst. 5:3:707. (250)

Intertidal communities, by Shelford. *Ibid.* 5:3:719. (200)

(3) Articles:

Phenology and descendants. Qt. Rev. Biol. 5:2:207-16. (8000)

Uses of photoelectric cells. Joint Discussion, Phys. and Opt. Soc. (London) 1930:187-93. (3600)

Report on preservation of nature. Ecology. 12:2:427-31, 435-37. (3000)

With Jakob Kunz:

Apparatus for testing photoelectric cells in sunlight. J. Sci. Instr. 7:6:191-93. (1500)

SHEPARD, F. P.

(3) Articles:

Fundian faults or Fundian glaciers. Bul. Geol. Soc. Amer. 41:659-74 (6000)

SHRINER, R. L.

(3) Articles:

Qualitative organic analysis in the training of the organic chemist.
J. Chem. Educ. 7:7:1593-96. (1200)

With H. C. Struck and W. J. Jorison:

The preparation and properties of certain sulfoxides and sulfones.
J. A. C. S. 52:5:2060-69. (4000)

With T. Kurosawa:

Chalcones. II. Decomposition by alkali. *Ibid.* 52:6:2538-40. (900)

With J. H. Young:

Optically active salts of 2-nitro-octane. *Ibid.* 52:8:3332-40. (3000)

With R. F. B. Cox:

Identification of alcohols: p-nitrophenyl urethanes. *Ibid.* 53:6:1601-05. (1500)

SHUMWAY, WALDO

(3) Articles:

With Selma M. Olson and O. E. Kugler:

Origin of the aortic arches in amphibia. *Anat. Rec.* 47:322. (250)

With R. L. Webb:

The chondrocranium of a 23-mm. necturus. *Ibid.* 48:sup.:32. (250)

(4) Books:

Vertebrate embryology. 2d ed. John Wiley & Sons, Inc., N. Y.
1930. x + 311 pp.

SIEBERT, F. S.

(3) Articles:

Proposed changes in the copyright law affecting newspapers and
magazines. Ed. and Pub. 63:40:12-14. (3500)

(4) Books:

Copyreading. Coll. Pub. Co., Champaign, Ill. 1930. iv + 179 pp.

SINGER, H. A.

(3) Articles:

Spontaneous recovery from perforation of peptic ulcer into the
free abdominal cavity. *Arch. Int. Med.* 45:6:926-47. (10,000)

With W. S. Boikan:

Gastric sequelae of corrosive poisoning. *Ibid.* 46:2:342-57. (5500)

SIPPY, B. O.

(3) Articles:

Recognition malocclusion. *Bul. Chicago Dent. Soc.* XI:23:17-19.
(2400)

SLOAN, H. J.

(3) Articles:

With H. S. Wilgus, Jr.:

Heart probe—a method of obtaining blood from chickens. *Poultry
Sci.* X:1:10-16. (2500)

SMITH, ANN A.

(3) Articles:

Aids to effective swimming instruction. *Wis. News J.* 1931 Issue.
(2250)

SMITH, ANN A.

(3) Articles (continued)

- The teaching of the crawl and back crawl. *Acquatic Handbook*, 1931-32. (1750)
Diving exercises. *Ibid.* (350)
The "Big Ten" telegraphic meet of 1931. *Sportswoman*. VII:9. (1000)

SMITH, C. M.

(1) Book notices:

- Mine ventilation (reports of sessions of the annual meeting of the A. I. M. E.). *Min. and Met.* 12:291:138-40. (3000)
Coal division activities (reports, as above). *Ibid.* 12:291:158-60. (3000)

(4) Books:

- The friability of Illinois coals. *U. of Ill. Eng. Exp. Sta. Bul.* 218. 22 pp.

SMITH, L. H.

(3) Articles:

- With E. A. Norton, R. S. Smith, E. E. DeTurk, and F. C. Bauer:*
Edwards county soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 46:1-69. July, 1930. (28,500)
Effingham county soil report. *Ibid.* 48:1-55. Feb., 1931. (23,000)
With R. S. Smith, E. E. DeTurk, and F. C. Bauer:
Piatt county soil report. *Ibid.* 47:1-55. Dec., 1930. (23,000)

SMITH, R. S.

(3) Articles:

- With E. A. Norton, E. E. DeTurk, F. C. Bauer, and L. H. Smith:*
Edwards county soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 46:1-69. July, 1930. (28,500)
Effingham county soil report. *Ibid.* 48:1-55. Feb., 1931. (23,000)
With E. E. DeTurk, F. C. Bauer, and L. H. Smith:
Piatt county soil report. *Ibid.* 47:1-55. Dec., 1930. (23,000)
With M. B. Harland:
The nature and designation of soil horizons. *Rpt. 2d Internat. Soil Sci.* June, 1930. (1500)

SNAPP, R. R.

(3) Articles:

- Pasturing sweet clover. *Shorthorn World*. XV:6:6. (1500)
Good pastures, the foundation of livestock production. *Ibid.* XV:8:3-4. (2200)
The best system of pasture for modern-sized farms. *Ibid.* XV:11:3-4. (2000)

(4) Books:

- Beef cattle, their feeding and management in the corn belt states. John Wiley & Sons, Inc., N. Y. 1930. viii + 494 pp.

STAFFORD, G. T.

(3) Articles:

- A symposium on preventive and corrective physical education. J. Health and Phys. Educ. 2:4:11ff.

STALEY, S. C.

(3) Articles:

- The physical education program for men at the University of Illinois. Pentathlon II:8-9,10. (10,000)
The new program in physical education in Facista, Italy. Health and Phys. Educ. 1:4. (6000)
Hungary develops a new program of physical education. *Ibid.* II:2. (5000)
The four year curriculum in physical education. Res. Qt. II:2. (7500)

STEWART, C. L.

(3) Articles:

- Rural statesmanship. Rural Amer. VIII:5:11-12. (1300)
A twentieth amendment for farmers. Coop. Market. J. V:2. (1500)
A summary of state programs in adjustment to the agricultural situation, 1920-1930. Proc. 2d Internat. Conf. Agr. Econ., 1930. (5000)

STILLWELL, C. W.

(3) Articles:

- An industrial chemistry text of 1830. J. Chem. Educ. 8:5:896-901.
With G. L. Clark:
X-ray examination of commercial galvanized iron by a modified reflection method. Ind. and Eng. Chem., Anal. Ed. 2:2:266-83. (8500)
X-ray diffraction of liquids. Radiology. 15:7:66-71. (2500)
Eine röntgenographische Studie und Chicle. Kautschuk. 7:4:62-66. (2000)

STRAUB, F. G.

(3) Articles:

- Recent developments in embrittlement research. Power Plant Eng. XXXIV:12:686-88. (2000)
Recent instances of embrittlement in steam boilers. Trans. A. S. M. E. 52:27:339-41. (2500)
Embrittlement in boilers. U. of Ill. Eng. Exp. Sta. Bul. 216:1-126. (30,000)

STREICHER, M. H.

(3) Articles:

- Gastric achylia. J. A. M. A. 95:5. Aug., 1930. (1000)

SUTTON, A. H.

(1) Book notices:

- Simple geologic structures, by John I. Platt and John Challinor. Econ. Geol. 26:1:124. (165)

SUTTON, A. H. (continued)

(3) Articles:

With J. E. Lamar:

Cretaceous and tertiary sediments of Kentucky, Illinois, and Missouri. *Bul. Amer. Assoc. Petr. Geol.* 14:7:845-66. (7000)

With O. E. Wagner, Jr.:

New species of Chester fossils. *J. Paleon.* 5:1:23-33. (4000)

Fracturing and movement in rocks without apparent displacement. *Science.* 73:1888:263-64. (400)

SWAIN, J. W.

(1) Book notices:

International relations, by R. L. Buell. *J. Mod. Hist.* 2:3:504-05. (500)

(2) Original reviews:

Schmitt, B. E. The coming of the war, 1914. *Hist. Outlook.* 21:8:390-92. (2500)

(4) Books:

Lecture on French history. Univ. Travel League, Cleveland, Ohio. 1930. 16 pp.

SWANN, SHERLOCK, JR.

(1) Book notices:

Solvents, by Thomas H. Durrans. *Chem. and Met.* 38:2:101. (200)

(3) Articles:

With E. O. Edelmann:

Hydrogen over-voltages in glacial acetic acid. *Trans. Amer. Electrochem. Soc.* 58:179-85. (900)

With R. D. Snow and D. B. Keyes:

Catalytic hydration of olefines. *Ind. Eng. Chem.* 22:9:1048-55. (2000)

With T. S. Xanthakos:

Cobaltic sulphate as an oxidizing agent. *J. A. C. S.* 53:2:400-04. (2000)

SYMONS, G. E.

(3) Articles:

With A. M. Buswell and E. L. Pearson:

Studies on two-stage sludge digestion 1928-29. *State Water Surv. Bul.* 29:1-92. (40,000)

TANNER, F. W.

(1) Book notices:

Molds, yeasts, and actinomycetes—a handbook for students of bacteriology. *Arch. Surg.* 1930.

(3) Articles:

With H. Geen:

Residual germicidal action of water and plain agar after exposure to ultraviolet light. *Proc. Soc. for Exp. Biol. and Med.* 28:291-93. (1080)

TANNER, F. W.

(3) Articles (continued)

With William Burrows:

The viability of yeasts in sucrose solutions. *J. Bact.* 21:32. (250)

With G. I. Wallace:

The effect of salt and sugar solutions on the thermo death times of molds. *Ibid.* 21:1:32. (300)

TAYLOR, S. Helen.

(3) Articles:

The mathematics library and recreational programs. *School Sci. and Math.* XXX:6:626-34. (3200)

An experiment in classification of students in mathematics. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:214-19. (3000)

TEMPLEMAN, W. D.

(3) Articles:

Additional notes on German and Dutch translations of William Gilpin. *Notes and Queries.* 159:18:309-10. (1600)

Three anonymous works by William Gilpin. *Ibid.* 160:7:112-14. (1500)

An unpublished French letter to William Gilpin. *Mod. Lang. Notes.* XLVI:2:107-09. (600)

A note on the dulcimer. *Times Lit. Sup.* 1522:271. (500)

TEMPLETON, LAWRENCE

(3) Articles:

With Philip Blickensdorfer:

A study of the toxic properties of diethylphthalate. *J. A. Ph. A.* XIX:11:1179-81. (1000)

THEISS, E. L.

(2) Original reviews:

Accounting for executive control, by Monard V. Hayes. *Acct. Rev.* V:2:191-92. (700)

The control of distribution costs and sales, by William B. Castenholz. *Ibid.* V:4:328-30. (1600)

THOMAS, L. J.

(3) Articles:

Notes on the hatching of *Diphyllbothrium latum* eggs. *J. Parasit.* 16:4:244-45. (500)

Rhigonema nigella spec. nov., a nematode, and its plant commensal (*Enteronrus* sp?) from the millipede. *Ibid.* 17:1:30-34. (2000)

THOMPSON, C. L.

(3) Articles:

The microstructure of some porcelain glazes. *U. of Ill. Eng. Exp. Sta. Bul.* 225:1-21. (5000)

TIMMONS, B. F.

(3) Articles:

With Edward Berman and W. R. Tylor:

A community labor survey. U. of Ill. Bur. Bus. Res. Bul. 34:1-58.
(24,000)

TRACY, P. H.

(3) Articles:

Trouble shooting at defects. Ice Cream Trade J. 27:4:51-52. (2500)

How to make sweet curd cottage cheese. Milk Dealer. 20:5:53-55.
(2000)

With H. A. Ruehe:

Recent studies in ice cream manufacture. Ice Cream Rev. 14:8:
54-55. (2300)

The relation of certain plant processes to flavor development in
market milk. J. Dairy Sci. 14:3:250-267.

With R. J. Ramsey:

Food poisoning probably caused by orange-colored *Staphylococcus*
from udders of apparently healthy cows. Proc. Soc. for Exper.
Biol. and Med. 28:390-91. (350)

TRELEASE, WILLIAM

(3) Articles:

Not *Piper angustifolium* Lamarck: Not *Piper elongatum* Vahl. Bul.
Torrey Bot. Club. 56:535-38.

The geography of American peppers. Proc. Amer. Phil. Soc.
69:309-27.

John Merle Coulter, November 20, 1851—December 23, 1928. Nat.
Acad. Sci. Biog. Mem. 14:99-108.

Keys to the trees of Illinois for the four seasons. Bul. Ill. State
Nat. Hist. Surv. 18:1:15-22.

TYKOCINER, J. T.

(3) Articles:

Microphotometric analysis of movietone sound records. Nature.
126:3179:504. Oct. 4, 1930. (150)

Determination of frequency and damping of resonating circuits.
Phys. Rev. 37:4:461. (200)

With J. Kunz:

Frequency variations due to electrodeless discharge. *Ibid.* 37:1:100.
(200)

With E. B. Paine and H. A. Brown:

Method of testing high voltage cables. Bul. Util. Res. Com. 1:10:1-4.
Dec., 1930. (2000)

With E. B. Paine:

Detection and comparative measurement of ionization in dielectrics
by means of oscillations. Bul. Amer. Phys. Soc. Phys. Rev.
6:2:20. June 1, 1931. (200)

With R. E. Tarpley and E. B. Paine:

Oscillations due to corona discharges on wires. *Ibid.* June 1, 1931.
6:2:20. (200)

TYLOR, W. R.

(1) Book notices:

Abstracts of numerous articles. Soc. Sci. Abst. vol. 2. (6000)

(3) Articles:

Some factors of interracial adjustment. Soc. Sci. 5:4:508-18. (4000)

Social implications of the machine age. Friends Intell. 87:37:728-30;
38:747-49; 39:764-66. (4500)

With B. F. Timmons and Edward Berman:

A community labor survey. U. of Ill. Bur. Bus. Res. Bul. 34:1-58.
(24,000)

VAN CLEAVE, H. J.

(1) Book notices:

The use of the microscope, a handbook for routine and research work, by John Belling. Trans. Amer. Microsc. Soc. 49:3:273-74. (190)

Field book of ponds and streams, by Ann Haven Morgan. *Ibid.* 49:4:350-51. (275)

Microbiology, by Benjamin F. Lutman. *Ibid.* 49:4:351. (175)

Dictionary of biological equivalents, by Ernest Artschwager. *Ibid.* 49:4:351. (200)

Meat through the microscope, by C. Robert Moulton. *Ibid.* 49:4:352. (225)

A dictionary of Greek and Latin combining forms used in zoological names, by Edmund C. Jaeger. *Ibid.* 49:4:352. (100)

The Oligochaeta, by J. Stephenson. *Ibid.* 50:1:68. (325)

A text-book of histology, by A. A. Maximow and W. Bloom. *Ibid.* 50:1:58-59. (210)

Introduction to human parasitology, by Asa C. Chandler. *Ibid.* 50:1:59. (175)

(3) Articles:

Acanthocephala in North American amphibia. II, a new species of the genus *Acanthocephalus*. *Ibid.* 50:1:46-47. (450)

Conservation from the viewpoint of a scientist. Gamma Alpha Rec. 20:2:3-5. (1200)

Stephen Alfred Forbes as a scientist. In memoriam Stephen Alfred Forbes. U. of Ill. Press. 1930. pp. 24-28. (2000)

Effects of drought. Outdoor Amer. 9:5:22-23. Dec., 1930. (500)

Heterosentis, a new genus of Acanthocephala. Zoologischer Anzeiger. 93:5,6:144-46. (700)

(4) Books:

Laboratory directions for an elementary course in general zoology (8th ed.). U. of Ill. Supply Store, Champaign, Ill. 114 pp.

With H. R. Linville and H. A. Kelly:

Biological principles in general zoology, a laboratory manual. Ginn & Co., Boston. 1930. vi + 185 pp.

VAN HORNE, JOHN

(1) Book notices:

Recent Italian books. Italica. VII:2:54-55; 3:55-56; 4:112-13; VIII:1:13-14. (1400)

VAN HORNE, JOHN (continued)

(3) Articles:

Bernardo de Balbuena. *Enciclopedia Italiana*. vol. V. (300)

Ten years of modern language methodology in America. *Mod. Lang. J.* XIV:8:610-17. (3200)

Documentos referentes a Bernardo de Balbuena. *Boletin de la Real Academia de la Historia*. (5400)

With Margaret V. Van Horne:

The cultural content of Spanish reading material at the junior college level. *Studies in Mod. Lang. Teaching*. XVII:327-63. (18,000)

(4) Books:

La Grandeza Mexicana de Bernardo de Balbuena. U. of Ill. Studies in Lang. and Lit. XV:3. 1930. 176 pp.

VESTAL, A. G.

(2) Original reviews:

Plant ecology, by J. E. Weaver and F. E. Clements. *Ecology*. 12:1:232-39. (3600)

(3) Articles:

A preliminary vegetation map of Illinois. *Trans. Ill. State Acad. Sci.* 23:3:204-17. (5800)

VOPELIUS, OSWALT

(3) Articles:

Beitrag zu den Wachstumsverhältnissen des Höhenfleckviehs. *Zeits. f. Züchtung Reihe B.* XIX:3:1-54. (15,000)

WALLACE, G. I.

(3) Articles:

With F. W. Tanner:

The effect of salt and sugar solutions on the thermo death times of molds. *J. Bact.* 21:1:32. (300)

WANLESS, H. R.

(1) Book notices:

Field geology, 3d ed., by F. H. Lahee. *Econ. Geol.* 26:307. (230)

Phytosauria of the Wyoming Triassic, by M. G. Mehl. *Biol. Abst.* 4:2484. (128)

WARD, GLADYS J.

(3) Articles:

What Illinois homemakers want. U. of Ill. Home Econ. Ext. Serv. Mimeo. leaflet. (3000)

WARD, H. B.

(1) Book notices:

Introduction to human parasitology, by Asa C. Chandler. *J. Parasit.* 16:4:257. (470)

Guide to the study of animal parasites, by William A. Riley and Reed O. Christenson. *Ibid.* 16:4:257-258. (330)

Le trachome, by A. Cuenod and R. Nataf. *Ibid.* 16:4:258. (210)

WARD, H. B.

(1) Book notices (continued)

- Tratado de parasitologia. Vol. IV. Arthropodes parasitos e transmissores de Doencas, by Cesar Pinto. *Ibid.* 17:1:59. (350)
The use of the microscope, by John Belling. *Ibid.* 17:1:60. (155)
Fauna of British India: Cestoda, vol. I, by T. Southwell. *Ibid.* 17:1:59-60. (315)
An introduction to malariology, by Mark F. Boyd. *Ibid.* 17:2:119. (338)
Die Parasiten der Pelztier, by Dr. Ludwig Freund. *Ibid.* 17:2:119. (167)
Quinto reunion de la Sociedad Argentina de Patologia Regional del Norte. Vol. II. *Ibid.* 17:2:119-20. (170)
Problems and methods of research in protozoology, ed. by Robert Hegner and Justin Andrews. *Ibid.* 17:3:164. (250)
Le Bouton d'Orient, by Georges Higoumenakis. *Ibid.* 17:3:164. (155)
Protozoan parasitism of the alimentary tract, by Kenneth M. Lynch. *Ibid.* 17:3:164. (155)
Problems and methods of research in protozoology, ed. by Robert Hegner and Justin Andrews. *J. A. M. A.* 96:2:139. (200)
Handbook of protozoology, by Richard R. Kudo. *Ibid.* 96:17:1428. (221)

(2) Original reviews:

- The African Republic of Liberia and the Belgian Congo, ed. by R. Strong. *J. Parasit.* 17:3:163. (570)

(3) Articles:

- Some responses of sockeye salmon to environmental influence during fresh-water migration. *Ann. and Mag. Nat. Hist.* 6:31:18-36. (10,660)
The Rogue river situation. *Outdoor Amer.* 9:4:8-9,25,27. (2094)
Westward the star of empire takes its way. *Ibid.* 9:8:9. (915)
Olympia oyster beds. *Ibid.* 9:10:7. (610)
The discovery of the trichina. *J. A. M. A.* 95:26:1988. (750)
Andrew Balfour (1874-1931). *J. Parasit.* 17:3:166. (350)
Alcide Railliet (1852-1930). *Ibid.* 17:3:166. (265)
The discovery of *Trichina spiralis*. *British Med. J.* 1930:2:1104-05. (290)

WASSERMAN, M. J.

(1) Book notices:

- Histoire des doctrines economiques, by R. Gonnard. *Amer. Econ. Rev.* 16:2:280. (600)

(3) Articles:

- Accounting practice in France during the period of monetary inflation, 1919-1927. *Acct. Rev.* 6:1:1-32. (25,000)

With Edouard Lambert:

- The case method in Canada and the possibilities of its adaptation to the civil law. *Yale Law J.* 39:1:1-22. (10,000)

WATSON, F. R.

(3) Articles:

- Acoustics of buildings. World's Eng. Congr. (Tokyo) Paper no. 143. (5400). Proc. 3d Internat. Congr. for Applied Mechanics. (Stockholm) 3:316-20. (2250)
- Control of sound in buildings. J. Amer. Soc. Heat. and Vent. Eng., Sect. of Heating, Piping, and Air Conditioning. 2:12:992-96. Dec., 1930. (4500)
- Acoustics of Lincoln Hall Theater. Trans. Ill. State Acad. Sci. 23:3:352-53. (1000)

WEBER, L. F.

(3) Articles:

- A list of cutaneous irritants. Arch. Derm. and Syph. 21:5:761-70.

WEBER, O. F.

(3) Articles:

- Scholarship in modern life. Pi Yr. Book, Phi Delta Kappa. 4:1:1-2. (1000)
- As the author sees it—a comment on public education. Phi Delta Kappan. 13:4:115-16. (1500)
- As the author sees it, a plan and work book for public school administrators. *Ibid.* 13:4:116-17. (1500)
- Progressive trends in public school administration. U. of Ill. Bur. Educ. Res. Bul. 54:27-30. (2500)
- In the tall corn. Hounds and Hunting. 27:5:48-49. (2000)
- The beagle as a bird dog. *Ibid.* 27:6:36. (500)
- Page Vick. *Ibid.* 27:5:54. (1000)
- The dog and the human element. *Ibid.* 28:1:61. (500)
- Beagle and be thin. *Ibid.* 28:2:24-28. (3000)
- At the field trials. *Ibid.* 28:4:28-30. (1500)

(4) Books:

- Problems in public school administration. Century Co., N. Y. 1930. xxxviii + 726 pp.

WEINARD, F. F.

(3) Articles:

- Report of pathologist, S.A.F. and O.H. Sulphur as a fungicide on roses under glass. Florists' Exchange. 76:13:13,44. (1000)
- Review of gas injury case. Florists' Rev. 67:1742:19-20. (1500)

With M. A. Smith:

- Sulphur and its uses in greenhouses. *Ibid.* 67:1735:35-36. (1600)

With S. W. Decker:

- Experimental work in floriculture at the University of Illinois. *Ibid.* 67:1736:31. (1000)
- Experiments in forcing gladioli. U. of Ill. Agr. Exp. Sta. Bul. 357:345-61. (5000)
- Summer-budded versus winter-grafted roses. *Ibid.* 358:365-73. (2500)
- Yield and quality of roses as affected by position on the bench. Proc. Amer. Soc. Hort. Sci. 27:454-56. (1000)

WEINARD, F. F.

(3) Articles (continued)

Experiments in rooting carnations. *Ibid.* 27:478-81. (1400)

With P. R. Krone:

Experiments with solutions of chlorine and sodium chloride on pot plants. *Ibid.* 27:444-48. (2000)

WEINFELD, G. F.

(3) Articles:

With F. B. Floore:

Infant feeding with unlimited amounts of a concentrated and a dilute cow's milk formula. *Amer. J. Dis. Children.* 40:1208-14. (2600)

With M. Cooperstock:

Rapidity of immunization with diphtheria toxoid. *Ibid.* 40:1035-38. (1300)

WELKER, W. H.

(3) Articles:

With L. Hektoen:

Is ferritin precipitinogenic? *Proc. Soc. for Exper. Biol. and Med.* 28:293-94.

WERNER, R. C.

(1) Book notices:

Proceedings and Debates of the British Parliaments respecting North America, vol. III, 1702-1727, by Leo Francis Stock. *Amer. Pol. Sci. Rev.* XXV:1:225. (200)

(2) Original reviews:

Theodore Roosevelt, the story of a friendship, 1880-1919, by Owen Wister. *Hist. Outlook.* XXII:3:130-31. (1200)

(3) Articles:

Diary of Grace Growden Galloway, June 17, 1778 to July 1, 1779. *Penn. Mag. Hist. and Biog.* LV:217:32-94. (30,000)

War scare and politics, 1794. *Qt. J. N. Y. State Hist. Assoc.* XI: 4:324-34. (4000)

WESTERGAARD, H. M.

(3) Articles:

Cracks observed in dams. *West. Constr. News.* 5:19:495-97. (3000)

Arch dam analysis by trial loads simplified. *Eng. News-Rec.* 106:4: 141-43. (3000)

Principles of analysis of arch dams by trial loads. *Proc. 3d Internat. Congr. for Applied Mechanics.* 2:366-72. (5000)

WHITE, J. M.

(3) Articles:

Campus planning from the operating point of view. *Amer. School and Univ.* IV:159-62. (2500)

WHITEFORD, MARY E.

(1) Book notices:

Middletown, by Robert and Helen Lynd. *Qt. J. Speech.* 16:4:535-36. (500)

WHITEFORD, MARY E. (continued)

(3) Articles:

Ogilvie's Rhetoric. *Ibid.* 17:2:271-72. (600)

WIEN, M. S.

(4) Books:

With W. A. Pusey and F. E. Sencar:

Practical medicine series—dermatology and syphilis. Year Book Co., Chicago. 1930. 225 pp.

WILEY, C. C.

(4) Books:

With G. W. Pickels:

Route surveying. John Wiley & Sons, N. Y. 1930. xiii + 380 pp.

WILLARD, A. C.

(3) Articles:

The home heating system. Successful Farming. XXVIII:9:16-17, 36-37. Sept., 1930. (1450)

Tests show how radiator enclosures affect room temperatures. Domestic Eng. 133:3:43-47, 106, 109. Nov. 1, 1930. (3900)

With M. K. Fahnestock:

What is the heating effect? *Ibid.* 133:7:44-49, 122. Dec. 27, 1930. (3150)

With W. H. Severns:

The automatic stoker for heating service, using Illinois coal. Ill. State Geol. Surv. and Ill. Coal Bur. Coop. Min. Ser. Bul. 33: 33-41. May, 1930. (2800)

With A. P. Kratz:

Reconditioning of existing heating plant units. Purdue U. Eng. Bul. (Ext. Ser., no. 22) XIV:2:173-87. July, 1930. (3400)

Heat emission from the surface of cast iron and copper cylinders heated with low pressure steam. J. Amer. Soc. Heat. and Vent. Eng., Sect. of Heating, Piping, and Air Conditioning. 3:2:141-45. Feb., 1931. (4560)

With A. P. Kratz, M. K. Fahnestock, and S. Konzo:

Investigation of various factors affecting the heating of rooms with direct steam radiators. U. of Ill. Eng. Exp. Sta. Bul. 223:1-102. (25,000)

WILLIAMS, C. A.

(1) Book notices:

Die Gandersheimer Reimchronik des Priesters Eberhard, by L. Wolff. J. Engl. and Germ. Philol. 29:601. (240)

Gregorius von Hartmann von Aue, by H. Paul. *Ibid.* 29:601. (140)

Historien der Alden Ê., by W. Gerhard. *Ibid.* 29:601. (400)

Priester Wernhers Maria, by C. Wesle. *Ibid.* 30:93. (340)

Hamburg und Island. *Ibid.* 30:94. (360)

Qualiscunque Descriptio Islandiae, by F. Burg. *Ibid.* 30:310. (360)

WILLIAMS, C. A. (continued)

(2) Original reviews:

Studies in honor of Hermann Collitz. *Ibid.* 30:255-58. (2000)

A German-English technical and scientific dictionary, by A. Webel.
Mod. Lang. J. 15:247-49. (1250)

WILLIAMS, E. H.

(3) Articles:

The magnetic properties of rare-earth metals. *Trans. Ill. State Acad. Sci.* 23:3:354-56. (750)

WILLIAMS, G. W.

(3) Articles:

With C. L. Hull and R. G. Krueger:

A portable phonographic apparatus for giving objectively uniform suggestions. *Amer. J. Psych.* XLII:442-44. July, 1930. (700)

(4) Books:

Suggestibility in the normal and hypnotic states. *Arch. of Psych.*, N. Y., 1930. 83 pp.

WILLIAMSON, C. S.

(3) Articles:

A group of leukemias and leukemic-like conditions. *Med. Clin. N. Amer.* 14:5:1057-71. (5600)

WILSON, H. K.

(3) Articles:

The individual and location factors in economical milk production. *Proc. 23d An. Conv. Internat. Assoc. Milk Dealers, Prod. Sect.* pp. 34-43. (3000)

WILSON, W. M.

(3) Articles:

Importance of wind-bracing connections. *C. E.* 1:8:707. (500)

Laboratory tests of reinforced concrete arches with decks. *U. of Ill. Eng. Exp. Sta. Bul.* 226:1-97. (20,000)

Tests of welds. *U. of Ill. Eng. Exp. Sta. Circ.* 21:1-35. (6000)

WIMER, D. C.

(3) Articles:

With Eric Winters:

A total carbon procedure. *J. Amer. Soc. Agron.* 23:4:280-85. (2000)

WINAKOR, A. H.

(3) Articles:

The financial plan of department stores. *U. of Ill. Bur. Bus. Res.* Bul. 32:1-37.

WINTERS, ERIC, JR.

(3) Articles:

Notes on the study of soil color. *Bul. Amer. Soil Surv. Assoc.* XII: 65-66. (500)

WINTERS, ERIC, JR.

(3) Articles (continued)

With D. C. Wimer:

A total carbon procedure. *J. Amer. Soc. Agron.* 23:4:280-85. Apr., 1931. (2000)

With M. B. Harland:

Preparation of soil samples for pipette analysis. *Ibid.* 22:9:771-80. Sept., 1930. (3000)

With E. A. Norton:

Pedological aspects of the genesis and morphology of Illinois soils. *Rpt. 2d Internat. Soil. Sci.* June, 1930. (3000)

WOLF, SAMUEL

(3) Articles:

Etiology and treatment of convergent squint. *Ill. Med. J.* 58:6:433-34. (1200)

WOODROW, HERBERT

(3) Articles:

The reproduction of temporal intervals. *J. Exper. Psych.* 13:6:473-99. (12,500)

Individual differences in the estimation of temporal intervals. *Trans. Ill. State Acad. Sci.* 23:3:591-94. (1500)

WOODRUFF, SYBIL

(3) Articles:

With M. G. Luck:

Cost of living studies—the food of twelve families of the professional class. *Univ. of Calif. Pub. in Econ.* 5:4:247-93. (12,000)

New emphases in the study of foods. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:176-79. (2300)

WOODWORTH, C. M.

(3) Articles:

With Collins Veatch:

Genetic relations of cotyledon color types of soybeans. *J. Amer. Soc. Agron.* 22:8:700-02. Aug., 1930. (750)

With O. T. Bonnett:

A yield analysis of three varieties of barley. *Ibid.* 23:4:311-27. Apr., 1931. (4000)

With W. J. Mumm:

Heritable characters in Maize XXXVI—a factor for soft starch in dent corn. *J. Hered.* 21:12:503-05. Dec., 1930. (725)

WRIGHT, IVAN

(1) Book notices:

The New Gold Standard. *Chicago Univ. J. Bus.* Oct., 1930.

Banking ratios, by Horace Secrist. *Ibid.* Apr., 1931.

(3) Articles:

Branch banking economically inevitable. *Bankers Monthly.* June 1, 1930. (4000)

The bank of international settlements. *Amer. Instit. Banking J.* Sept., 1930. (3500)

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WRIGHT, IVAN

UNIVERSITY OF ILLINOIS

(3) Articles (continued)

The new German loan and the money markets. *LaSalle Street Herald*. July, 1930. (3500)

The re-examination of an old banking rule. *Ibid.* Dec., 1930. (3000)

The outlook for 1931. *The Mail and Empire* (Canada). Dec. 30, 1930. (5000)

Emerging from the financial crisis. *Lumber Rev.* Apr., 1931. (3000)

Economic conditions in the printing trades. *Inland Printer*. Dec., 1930. (4500)

Economic problems of the building supply trade. *Bldg. Matl. Merchant* (Chicago). Mar., 1931. (4500)

(4) Books:

Money, credit, and banking principles. Edited for Amer. Instit. of Banking. 650 pp.

YOUNG, E. G.

(3) Articles:

With E. C. Schmidt and H. J. Schrader:

Tests of a Mikado-type locomotive equipped with Nicholson thermic syphons. *U. of Ill. Eng. Exp. Sta. Bul.* 220. 99 pp.

(4) Books:

With E. C. Schmidt:

Mechanical engineers' handbook—section on railway engineering. McGraw-Hill Book Co., N. Y. 1930. 1463-92. (16,000)

YOUNG, P. T.

(1) Book notices:

A study of the effect of inverted retinal stimulation upon spatially coordinated behavior, by P. H. Ewert. *Psych. Abst.* 4:7:295. (650)

(3) Articles:

The rôle of head movements in auditory localization. *J. Exper. Psych.* 14:2:95-124. (11,000)

The rôle of head movements in the localization of sound. *Trans. Ill. State Acad. Sci.* 23:3:595. (350)

Report of committee on precautions in animal experimentation. *Psych. Bul.* 28:3:193. (300)

ZECHEL, G.

(3) Articles:

Follicular destruction in the normal thyroid of the dog. *Surg., Gyn., and Obstet.* LII:228-32.

ZELENY, CHARLES

(3) Articles:

The effect of long subjection to constant temperatures upon bar eye of *Drosophila melanogaster* (abstract). *Anat. Rec.* 47:3:377.

Further experimental studies of the opercular structures in *Hydroides dianthus* (abstract). *Ibid.* 47:3:324.

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BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
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May 1, 1931—April 30, 1932

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1932, was compiled from lists supplied by the individual members. An article by two or more persons is listed under the name of the one having the superior rank, and cross-references are inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER

(1) Books:

With Henry Gilman (Editor-in-chief), W. H. Carothers, H. T. Clarke, C. S. Marvel, F. C. Whitmore, J. B. Conant, C. R. Noller, and C. F. H. Allen:

Organic syntheses, Collective Vol. I. John Wiley and Sons, N. Y. 1932. ix + 564 pp.

(2) Articles:

With P. R. Shildneck:

Stereochemistry of diphenylbenzenes. The cis- and trans-forms of 2, 5-di-(3-bromo-2, 4, 6-trimethylphenyl) 1, 3, 4, 6-tetrahydroxybenzenes and the corresponding acylates. *J.A.C.S.* 53:2203-14. (5000)

Syntheses of polyporic acid and atromentin dimethyl ether. *Ibid.* 53:2373-79. (2500)

With Chin Chang:

Stereochemistry of N,N'-dipyrrolys. Resolution of N,N'-2, 5, 2', 5'-tetramethyl-3, 3'-dicarboxypyrrolyl. *Ibid.* 53:2353-57. (1800)

With W. M. Stanley:

Stereochemistry of diphenyl. Preparation and properties of 4, 4'-dicarboxy-1, 1'-dianthraquinoyl. *Ibid.* 53:2364-68. (2000)

The surface tension of various aliphatic acids previously studied for bactericidal action to *Mycobacterium leprae*. *Ibid.* 54:1548-57. (4500)

With D. W. Hill:

Stereochemistry of phenylquinones. The preparation and resolution of 2-(3-bromo-2, 4, 6-trimethylphenyl)-5-methylbenzoquinone-3, 6-di-(acetic acid). *Ibid.* 53:3453-61. (4500)

With L. J. Roll:

The structure of enol-acetates and the corresponding vinylamines. *Ibid.* 53:3469-76. (3800)

With L. H. Bock:

Stereochemistry of phenylpyrroles. *Ibid.* 53:3519-22. (1800)

ADAMSTONE, F. B.

(2) Articles:

The effects of vitamin-E deficiency on the development of the chick. *J. Morph. and Physiol.* 52:1:47-89. (14,000)

ALEXANDER, JOHN

(1) Books:

Exercises in Part II of "Standard French Grammar," by Fraser and Squair and Carnahan. D. C. Heath and Co., N. Y. 1931. pp. 471-526.

ALLEN, CHARLES LAUREL

(2) Articles:

How I cracked a hard one. *Country Newspaper Adv.* V:3:7. (900)

Comparing the weekly with the daily. *Ibid.* V:4:20. (1100)

Give local news the best positions. *Ibid.* V:6:18. (1000)

AMBROSIUS, EDGAR E.

(2) Articles:

With John C. Reed:

Improved compressor operation a road to air-conditioning economy. *Heating, Piping, and Air Conditioning* 3:9:746-51. (5500)

Determination of the pressure drop. *Ice and Cold Storage* (London) 35:409:72-74. (2500)

ANDERSON, CHESTER R., *see* Saunders, Alta Gwinn.

ANDERSON, H. W.

(2) Articles:

Spraying experiments for disease control in 1931. *Trans. Ill. Hort. Soc.* 65:170-83. (5500)

Problems on spray injury to the peach. *Ibid.* 65:454-68. (6000)

Diseases of the Latham raspberry in Illinois. *Plant Disease Reporter* (U.S.D.A.) 16:47-49. (1000)

With H. H. Thornberry:

Bacterial leaf spot of Viburnum. *Phytopathology* XXI:9. (3000)

A bacterial disease of barberry caused by *Phytomonas berberidis*, n. sp. *J. Agr. Res.* 43:1. (4000)

With W. A. Ruth and W. P. Flint:

The season of 1931. *Trans. Ill. Hort. Soc.* 65:44-51. (2500)

With other members of the Hort. Dept. and Nat. Hist. Survey:

Directions for spraying fruits in Illinois. *Ill. Agr. Exp. Sta. Circ.* 388:1-22. (12,000)

ARNOLD, LLOYD

(2) Articles:

With Virginia Ryan:

Dissociation of yeast and bacteria within the stomach and duodenum. *Proc. Soc. Exp. Biol. and Med.* 29:899-900. (690)

With A. J. Nedzel:

Influence of gastric acidity upon viability of bacteria in isolated stomach. *Ibid.* 29:499-501. (700)

With Titus Johnson:

Has the free gastric acidity bactericidal or bacteriostatic power? *Ibid.* 29:501-03. (725)

With A. J. Nedzel and Ross Stonecipher:

Influence of saponin upon bacterial flora, H-ion concentration, and permeability of the intestinal tract. *Ibid.* 29:496-99. (500)

ARNOLD, LLOYD

(2) Articles (continued)

*With E. E. Seidmon:*Influence of vitamin A and B deficiency upon intestinal acid-base equilibrium and bacterial flora. *Ibid.* 29:488-90. (475)Influence of vitamin A deficiency upon intestinal permeability for bacteria. *Ibid.* 29:393-94. (300)*With M. Shuger:*Absorption of bacteria from the large intestine. *Ibid.* 29:404-96. (550)

ASHBY, R. C.

(2) Articles:

Trucking to local markets. Wallace's Farmer and Iowa Homestead 56:22:12. (1100)

Convenience in truck and rail shipping. Nat. Live Stock Prod. 10:7:4-5. (1300)

AUSTIN, PAUL R.

(2) Articles:

Studies of organic lead compounds. I. Action of acids on lead aryls. J.A.C.S. 53:1548-52. (2500). II. Oxidation reactions. *Ibid.* 53:3514-18. (2700)*With Charles D. Hurd:*Reactions of some organic lead compounds. *Ibid.* 53:1543-48. (2700)*With John R. Johnson:*Abnormal reactions of benzylmagnesium chloride. *Ibid.* 54:647-60. (7000)

BABBITT, HAROLD E.

(1) Books:

With J. J. Doland:

Water supply engineering. 2d ed. McGraw-Hill Book Co., N. Y. 1932. 776 pp.

(2) Articles:

Public works in Indo-China. Eng. News-Rec. 107:253. (4000)

Municipal engineering in Singapore. *Ibid.* 106:1009. (4000)Civil engineering in Siam. *Ibid.* 106:928. (4000)Irrigation in Java. *Ibid.* 107:13. (4000)

World water works. J. Amer. Water Works Assoc. 24:1. (8000)

Sewage testing at the University of Illinois. Sewage Works J. 3:580. (3000)

BACHEM, ALBERT

(2) Articles:

Physiology and therapeutics of the various currents and radiations. Arch. Phys. Therapy, X-ray, and Radium 12:6:366-73. (5700)

Environment, habits, and health. *Ibid.* 13:2:75-82. (6000)*With C. I. Reed:*Skin and radiation. *Ibid.* 12:10:581-88. (5500)BADGER, A. E., *see* Clark, G. L.

BAILAR, JOHN C., JR.

(2) Articles:

- A comparison of solubilities of calcium and strontium p-bromobenzoates in acetone-water mixtures. *Ind. Eng. Chem., Anal. Ed.*, 3:362-63. (3362)

BAILEY, H. W.

(2) Articles:

- Trigonometry in the high school. *Proc. H. S. Conf., U. of Ill. Bul. XXIX*:36:219-22. (2500)

BAKER, FRANK C.

(1) Books:

- Molluscan shells from the Etowah mounds. Chapter V of "Exploration of the Etowah site in Georgia," by W. K. Moorehead. Phillips Academy, Andover, Mass. 1932. 5 pp.

(2) Articles:

- Description of a new variety of *Valvata lewisi* Currier. *Nautilus* 44:119-21. (600)
- The classification of the large planorboid snails of Europe and America. *Proc. Zool. Soc. London* 2:575-92, with 6 pl. (12,500)
- Ecological relationship of the genus *Pomatiopsis* with special reference to *Pomatiopsis lapidaria*. *Ecology* 12:489-96. (3600)
- Pulmonate mollusca peculiar to the Pleistocene period, particularly the loess deposits. *J. Paleont.* 5:270-92, with 2 pl. (8900)
- Pleistocene history of the terrestrial mollusca of Fulton County, Illinois. *Trans. Ill. Acad. Sci.* 24:2:149-55. (3000)
- Stagnicola apicina* and *Stagnicola walkeriana*. *Nautilus* 45:139-40. (200)

With Alvin R. Cahn:

- Freshwater mollusca from central Ontario. *An. Rpt. Nat. Museum Canada* 1929:41-64, with 1 pl. (10,000)

BALDUF, WALTER V.

(2) Articles:

- Carnivorous moths and butterflies. *Trans. Ill. Acad. Sci.* 24:2:156-64. (3600)

BALDWIN, E. C.

(3) Reviews:

- What we Jews believe, by S. S. Cohon. *B'nai B'rith Mag.* 46:3:88. (600)
- A Jew speaks—an anthology from Ludwig Lewisohn. *Ibid.* 46:4:121. (700)
- Sulamith, a romance of antiquity, by Alexander Kuprin. *Ibid.* 46:6:183. (200)
- Milton's rabbinical readings, by H. F. Fletcher. *Mod. Lang. Notes XLVI*:8:536-37. (800)

BARTLETT, J. H., JR.

(2) Articles:

- Isotopic displacement in hyperfine structure. *Nature* 128:408. (500)
- Many electron wave functions. *Phys. Rev.* 38:1623-28. (2000)

With W. H. Furry:

- Valence forces in lithium and beryllium. *Ibid.* 38:1615-22. (3000)
- The beryllium molecule. *Ibid.* 39:210-25. (6500)

BARTLETT, ROLAND W.

(1) Books:

Cooperation in marketing dairy products. Charles C. Thomas, Pub. Springfield, Ill. 1931. 299 pp.

(2) Articles:

The use of a "closed" base contrasted to an "open" base in the basic-surplus plan for controlling the production of milk. *J. Farm Econ.* XIV:1:157-59. (1500)

Principles and practices in the use of the classified price plan. *Ill. Agr. Exp. Sta. Div. Agr. Econ., mimeo., Jan., 1932.* 12 pp. (3000)

Principles and practices in the use of the basic-surplus price plan. *Ibid., Jan., 1932.* 12 pp. (2500)

The operation of the basic-surplus price plan and the use of the classification price plan in computing the distributor's spread or margin. *Ibid., Nov., 1931.* 17 pp. (3000)

Conditions of production and consumption of milk underlying the use of price plans. *Ibid., Nov., 1931.* 9 pp. (4000)

Some requirements of a sound milk-marketing plan. *Ibid., Dec., 1931.* 3 pp. (1000)

Operation of the price plan used in Peoria and other Illinois milk markets. *Ibid., Dec., 1931.* 10 pp. (4000)

Distribution of milk. *Ibid., Feb., 1932.* 8 pp. (3000)

Price policies in organized milk markets. *Ibid. Mar., 1932.* 17 pp. (5300)

BAUER, EDWARD E.

(1) Books:

Highway materials. 2d ed. McGraw-Hill Book Co., N. Y. 1932. 375 pp.

(3) Reviews:

Manufacturing concrete of uniform quality, by William M. Hall. *Proc. Amer. Soc. Civ. Eng.* 57:9:1422-23.

BAUER, F. C., *see* Smith, R. S.

BAYLEY, W. S.

(3) Reviews:

Systematic crystallography: an essay on crystal description, classification, and identification, by T. V. Barker. *Econ. Geol.* 26:3:347-348. (150)

Physiography of the Western United States, by N. M. Fenneman. *Ibid.* 26:4:446. (215)

Physics of the earth: II. The figure of the earth. National Research Council. *Ibid.* 26:5:553. (175)

Die Schlämmanalyse, by H. Gessner. *Ibid.* 26:5:556. (125)

Economic geography of Europe, by W. O. Blanchard and S. S. Visser. *Ibid.* 26:6:674. (110)

The Japanese earthquake of 1920, by C. Davidson. *Ibid.* 26:6:676. (450)

The study of rocks, by S. J. Shand. *Ibid.* 26:7:790-801. (625)

Physics of the earth: III. Meteorology. IV. The age of the earth. National Research Council. *Ibid.* 26:7:792-93. (500)

A practical handbook of water supply, by F. Dixey. *Ibid.* 26:7:793-94. (325)

BAYLEY, W. S.

(3) Reviews (continued)

Mineralische Bodenschätze im südlichen Afrika, by H. Schneiderhöhn. Mit Beiträgen über die Diamantlagerstätten Südafrikas, by P. Kukuk. *Ibid.* 26:8:902. (140)

Simple determinative mineralogy, by H. R. Beringer. *Ibid.* 26:8:903. (150)

Bulgarische Kohle: Beiträge zur Kenntnis ihrer Geologie und Wirtschaft, by E. Habermelner and H. Müller. *Ibid.* 27:1:99. (225)

German-English geological terminology, by W. R. Jones and A. Cissarz. *Ibid.* 27:3:309. (215)

BEARD, HALLARD

(2) Articles:

The post-cyclopegic test. *Arch. Ophthal.* V:6:943-47.

BENNER, THOMAS E.

(2) Articles:

What is "good" publicity? *J. Higher Educ.* 3:2:91-93. (1200)

Teacher training and the liberal college. *Sch. and Soc.* 35:905:577-82. (3600)

Training for leadership. *Ill. Teacher* 20:1:21-22. (1500)

BERDAHL, CLARENCE A.

(2) Articles:

Relations of the United States with the League of Nations. *Am. Pol. Sci. Rev.* 26:1:99-112. (7000)

With Benjamin Gerig:

Collaboration with Europe: Armaments and the League, in Walter Lippmann's "The United States in World Affairs." Harper's, N. Y., 1932, Ch. XIII, pp. 226-45. (5000)

(3) Reviews:

Master of Manhattan: The life of Richard Croker, by Lothrop Stoddard. *Miss. Val. Hist. Rev.* 18:2:277-78. (800)

BERGEIM, OLAF

(1) Books:

With P. B. Hawk:

Practical physiological chemistry. 10th ed. P. Blakiston's Son and Co., Phila. 1931. 929 pp.

(2) Articles:

With B. E. Montgomery, A. K. Boor, and Lloyd Arnold:

The destruction of micro-organisms in the gastrointestinal tract. *J. Infect. Dis.* 49:104-26. (9600)

BERMAN, EDWARD

(2) Articles:

Peter Cooper. *Encyc. Soc. Sci.* 4:357-58. (300)

Employers' liability. *Ibid.* 5:514-18. (3000)

Responsibility of teachers in our economic dilemma. *Amer. Teacher* 16:2:7-28. (1450)

BERNBAUM, ERNEST

(2) Articles:

Recent works on prose fiction before 1800. *Mod. Lang. Notes* XLVII:104-13. (3500)

Centenary tribute to Lewis Carroll. *Daily Illini*, Feb. 28, 1932, p. 10. (2500)

(3) Reviews:

Michael Sadlier's *Bulwer: a panorama*. *Mod. Lang. Notes* XLVII: 201-03. (750)

BILLINGS, M. H.

(1) Books:

With R. E. Sherrill:

Laboratory manual of physical geology. Univ. of Pitt. Press, Pittsburgh, Pa. 1931. 118 pp.

BLAIR, JOSEPH CULLEN

(2) Articles:

Pomological progress. *Proc. 48th Conv. Amer. Pomol. Soc.* 1932: 12-20. (4500)

BLATT, MAURICE L.

(2) Articles:

Rachitic osteomalacia (report of case treated by massive doses of viosterol). *Arch. Ped.* XLIX:2:109-14.

With Maurice L. Dale:

The control of an outbreak of scarlet fever. *J.A.M.A.* 98:17:1437-39.

BLOCK, LYLIA HILDA

(1) Books:

Trade problems and practice tests. N. J. Nystrom Co., Chicago. 1931. 106 pp.

BLOOM, MARGARET

(1) Books:

Black Hawk's Trail. Laidlaw Brothers, Chicago. 1931. 233 pp.

(2) Articles:

William Beckford's *Vathek*. *Univ. of Calif. Chr.* XXXIII:4:424-31. (2300)

Pietro Aretino, or Blackmailing in the Renaissance. *Ibid.* XXXIV: 2:202-07. (1800)

BOGART, E. L.

(1) Books:

The Young plan and other papers. Pomona College, Claremont, Calif. 1931. 164 pp.

(2) Articles:

Forerunners of the present depression. Univ. of Chicago Press. Oct., 1931. (2200)

Speaking of depressions. *Rotarian*, Apr., 1932. (2500)

Economic history of the Illinois River Valley. *Trans. Ill. Acad. Sci.* 24:2:530-35. (3000)

Pushing back the frontiers. Presidential address. *Amer. Econ. Rev.*, Mar., 1932. (8500)

Several articles in *Dict. Amer. Biog.*

BOGART, E. L. (continued)

(3) Reviews:

A history of transportation in the Ohio Valley, by C. H. Ambler.
Amer. Hist. Rev., Apr., 1932. (400)

BRAHANA, H. R.

(2) Articles:

On the groups generated by two operators of orders two and three
whose product is of order eight. Amer. J. Math. LIII:4:891-
901. (5000)

BRAY, ROGER H.

(2) Articles:

A test for replaceable and water-soluble potassium in soils. J.
Amer. Soc. Agron. 24:4:312-16. (1600)

See also DeTurk, E. E.

BRITTON, WILLIAM E.

(1) Books:

Cases on the law of bills and notes. 2d ed. Callaghan and Co.,
Chicago. 1931. 755 pp.

With R. S. Bauer:

Cases on business law. 2d ed. West Pub. Co., St. Paul, Minn.
1932. 1285 pp.

BROOKS, N. C.

(3) Reviews:

Drama and liturgy, by Oscar Cargill. J. Engl. and Germ. Philol.
30:3:433-39. (3200)

Die Bildung Jakob Ayrers, von Gottfried Höfer. Ibid. 30:3:432-33.
(500)

BROWN, ANDREW W.

(2) Articles:

With Christine Lind:

School achievement in relation to mental age. J. Educ. Psych.,
Nov., 1931.

With Ralph R. Brown:

The Institute for Juvenile Research and the school system. Bul.
Dept. Elem. Sch. Prin. XI:3.

BROWN, C. A.

(2) Articles:

Adjustments to low prices within the dairy industry. (Abstract of
thesis.) Privately printed. Urbana, Illinois. 1932.

BROWN, HUGH A.

(1) Books:

Radio frequency electrical measurements. McGraw-Hill Book Co.,
N. Y. 1931. x + 386 pp.

(2) Articles:

With G. W. Pickels and C. T. Knipp:

Detector distortion at low input voltages. Radio Eng. XII:1:3.
(2700)

BROWN, HUGH A.

(2) Articles (continued)

With C. T. Knipp:

Power detection characteristics of pentode tubes. *Electronics* 4:4. (2500)

BUCHHOLZ, J. T.

(2) Articles:

Developmental selection in plants with special reference to pollen-tube growth in *Datura*. Rpt. Proc. Fifth Internat. Bot. Congr. (600)

The suspensor of *Sciadopitys*. *Bot. Gaz.* 92:243-62. (8300)

The suspensor of *Cryptomeria japonica*. *Ibid.* 93:221-26. (2500)

The embryogeny of *Chamaecyparis obtusa*. *Amer. J. Bot.* 19:230-38. (5300)

A practical drier for botanical specimens. *Trans. Ill. Acad. Sci.* 24:103-07. (1600)

With C. C. Doak and A. F. Blakeslee:

Control of gametophytic selection in *Datura* through shortening and splicing of styles. *Bul. Torrey Bot. Club* 59:109-18. (4800)

BULL, SLEETER

(2) Articles:

Problems of the retail meat dealer. *Cattleman* XVIII:9:18-21. (2500)

Frozen food products have taken definite place in food world. *Refrig. Food News* 2:5:2. (1500)

Effect of soybeans and soybean oil meal on quality of pork. *Nat. Message, Nat. Assoc. Retail Meat Dealers*, July, 1931, pp. 55-56. (1500)

Baby beef. *Ibid.* 56-61. (3000)

Are you a good judge of pork carcasses. *Ibid.* 61-67. (2500)

Education at excursion rates. *Ill. Agr.* XXXVI:5:66. (1000)

Grinding away the surplus. *Breeders' Gaz.* XCVI:11:5. (2000)

Soybeans not guilty. *Ibid.* XCVII:2:10.

With F. C. Olson:

Effect of sex on yield of pork products. *Nat. Provisioner* 85:18:17-18. (2500)

BURGE, W. E.

(2) Articles:

With E. Williams, L. Kneer, G. C. Wickwire, and D. J. Verda:

Increase of sugar utilization in *Spirogyra* by means of commercial fertilizers. *Bot. Gaz.* 92:3. (1500)

With D. J. Verda and L. Kneer:

The effect of ultra-violet radiation on the pressor action of epinephrin. *J. Pharmacol. and Exp. Therap.* 42:3. (900)

With D. J. Verda and O. S. Orth:

The effect of ultra-violet radiation on the pressor action of nicotine. *Amer. J. Physiol.* 101:1. (300)

With L. Kneer, O. S. Orth, and D. J. Verda:

Destruction of the depressor action of adrenalin by ultra-violet radiation. *Endocrinology* 15:6. (800)

BURGE, W. E.

(2) Articles (continued)

With O. S. Orth:

A comparison of the catalytic activity of the ash of the different tissues. *Amer. J. Physiol.* 101:1. (300)

With G. C. Wickwire and L. Kneer:

The relation of quantity to stimulating effect of insulin, glycerol, urea, and dipotassium phosphate on sugar utilization by *Spirogyra*. *Amer. J. Bot.* vol. 18. (300)

BURGY, J. HERBERT

(1) Books:

The New England cotton textile industry: a study in industrial geography. Williams and Wilkins Co., Baltimore. 1932. 246 pp.

(2) Articles:

Geographical location as a control in the New England cotton manufacturing industry. *Trans. Ill. Acad. Sci.* 24:2:434-39. (1125)

Land utilization in the Greenfield, Massachusetts, region as affected by geographic conditions. *Bul. Geog. Soc. Phila.* XXIX:3. (1330)

BURLISON, W. L.

(2) Articles:

Shrinkage of soybeans and soybean hay and soybean oil paint investigation. *Proc. Amer. Soybean Assoc.* III:86-87. (600)

Commercial utilization of soybeans and soybean products. *J. Amer. Soc. Agron.* 23:12:1066-67. (500)

With C. A. VanDoren:

Cutting soybean harvesting costs. *Amer. Thresherman and Farm Equip.*, Sept., 1931, pp. 6, 11. (1500)

With J. R. Holbert:

Cold resistance in corn. *Ibid.* 23:12:1061-62. (500)

BUSEY, GARRETA

(3) Reviews:

Finch's fortune, by Mazo de la Roche. *Books (N. Y. Her.-Trib.)* 8:2:6. (500)

Hunting shirt, by Mary Johnston. *Ibid.* 8:4:2. (500)

Judith Paris, by Hugh Walpole. *Ibid.* 8:5:6. (700)

Forsaking all others, by Alice Duer Miller. *Ibid.* 8:8:4. (300)

Quatrains for my daughter, by Elizabeth Morrow. *Ibid.* 8:20:12. (400)

Small town, by Bradda Field. *Ibid.* 8:21:14. (400)

The bishop's nephew, by Alice Duer Miller. *Ibid.* 8:25:4.

BUSWELL, A. M.

(1) Books:

Examination of water, by Wm. P. Mason. Revised by A. M. Buswell. John Wiley and Sons, N. Y. 1931. 224 pp.

(2) Articles:

Explanation of the fundamentals of water softening. *Water Works Eng.* 85:306.

The biology of activated sludge—historical review. *Sewage Works J.* 3:3.

BUSWELL, A. M.

(2) Articles (continued)

With E. L. Pearson:

Acid sludge digestion. *Ind. Eng. Chem.* 23:1144.

Sludge-digestion capacity. *Ibid.* 23:1154.

Sludge ripeness. *Ibid. Anal. Ed.* 3:4.

With C. S. Boruff:

Power and fuel gas from distillery wastes. *Ibid.* 24:33.

Pollution studies of Illinois River. *Trans. Ill. Acad. Sci.* 24:575.

With G. E. Symons:

The preparation and biochemical oxygen demand of pure sodium soaps. *Ind. Eng. Chem.* 24:460.

With D. Althausen:

Bound water changes during sludge digestion. *Sewage Works J.* 4:28.

CAHN, A. R.

(3) Articles:

Twisted trees. *Science* 73:1899:561. (300)

Kinosternon flavescens, a surprising turtle record from Illinois. *Copeia* 3:120-23. (1500)

See also Baker, Frank C.

CALLEN, ALFRED COPELAND

(1) Articles:

With C. M. Smith:

Accidents from hand and mechanical loading in some Illinois coal mines. *Ill. Eng. Exp. Sta. Bul.* 231. 43 pp.

CAMERON, E. H.

(3) Reviews:

The psychology of the elementary school, by H. G. Grove. *Elem. Sch. J.* XXXII:1:71-72. (700)

The influence of training on changes in variability in achievement, by H. B. Reed. *Ibid.* XXXII:18:634-35. (400)

CANTER, H. V.

(2) Articles:

Digressio in the Orations of Cicero. *Amer. J. Philol.* LII:351-61. (4000)

Conflagrations in Ancient Rome. *Class. J.* XXVII:270-88. (7300)

CARD, LESLIE E.

(2) Articles:

Poultry and hatchery records. *Internat. Baby Chick News*, Oct., 1931, pp. 1-6. (2000)

To hatch good chicks. *Successful Farming* 30:2:64-67. (1500)

To make chicks grow. *Ibid.* 30:3:64-67. (1500)

Feeding for eggs. *Woman's World* 47:10:20. (1200)

Winter care of the flock. *Ibid.* 47:11:23. (1200)

Keeping the flock healthy. *Ibid.* 48:1:23. (1200)

Making money from hens. *Ibid.* 48:2:43. (1200)

Which breed shall I keep? *Ibid.* 48:3:23. (1200)

CARD, LESLIE E.

(2) Articles (continued)

Getting started with chickens. *Ibid.* 48:4:26. (1200)

Feeding for egg production. Ill. Agr. Exp. Sta. Circ. 275, rev. ed. (6000)

See also Mitchell, H. H.

CARMICHAEL, R. D.

(2) Articles:

On the representation of integers as sums of an even number of squares or of triangular numbers. *Ann. Math.* (2) 32:299-305. (3500)

Algebras of certain doubly transitive groups. *Amer. J. Math.* 53: 631-44. (7000)

Some recent researches in the theory of numbers. *Amer. Math. Mo.* 39:139-60. (10,000)

(3) Reviews:

The universe in the light of modern physics, by Max Planck. *Bull. Amer. Math. Soc.* 38:173. (300)

CARNAHAN, D. H.

(2) Articles:

The attitude of the French Royalist press towards romanticism during the Restoration. *Rom. Rev.* XXIII:1:1-8. (2700)

CARROLL, W. E., see Mitchell, H. H., Hamilton, T. S., and Rusk, H. P.

CARTER, BOYD G.

(2) Articles:

Reading a modern language. *Mod. Lang. J.* 16:1:26-29. (1500)

CASBERG, CARL H.

(2) Articles:

With Carl E. Schubert:

An investigation of the suitability of soy bean oil for core oil. *Ill. Eng. Exp. Sta. Bul.* 235. 22 pp. (11,000)

CASE, H. C. M.

(2) Articles:

With M. L. Mosher:

Farm practices that pay. *Ill. Agr. Exp. Sta. Circ.* 389:3-39. (14,000)

With L. J. Norton:

Farm credit adjustments. *Ill. Agr. Exp. Sta., Ill. Agr. Adjust. Conf. Bk.* 6 pp. (2100)

CHAMBERLAIN, IRIS MCKY, see Hess, Julius.

CHASE, H. W.

(2) Articles:

Commencement address. *Alumni News* (June 26, 1931) 9:9:434.

Installation address. *Ibid.* 9:9:371. (Also in "The Installation of Harry Woodburn Chase as President of the University of Illinois," U. of Ill. Press, 1931, pp. 17-28.)

The American fraternity system. *Ibid.* 9:9:384. (Also published in Banta's Greek Exchange, and in pamphlet form by U. of Ill. Press, 1931.)

CLARK, ALBERT HENRY

(2) Articles:

Acetylsalicylic acid and its solution in potassium citrate solution. *J. A. Ph. A.* 21:4:383-85. (1000)

CLARK, GEORGE L.

(1) Books:

Some practical results of X-ray researches on colloids. Chapter in "Colloid Chemistry," Vol. III, pp. 27-41. *Chem. Cat. Co., N. Y.* 1931.

(2) Articles:

The space groups and molecular symmetry of optically active compounds. *J.A.C.S.* 53:10:3826-31. (2000)

What the trained nurse should know about X-rays. *Courier of the I.C.F.N.* 3:7:4-14. (3000)

X-rays as a research tool in chemistry and industry. (Part of Symposium on New Research Tools). *Ind. Eng. Chem.* 24:2:182-90. (10,000)

The contributions of a quarter-century of electron physics to roentgen-ray science. *Am. J. Roentgen. and Rad. Ther.* 26:4:24-39. (9000)

With C. W. Stillwell:

Further X-ray studies of gutta-percha and balata. *Ind. Eng. Chem.* 23:6:706-07. (1500)

Weitere röntgenographische Studien an Gutta-percha und Balata. *Kautschuk* 5:5:86-89. (1500)

X-ray studies of gutta-percha and balata. *India Rubber World* 84:3:61-62. (1500)

With H. A. Smith:

X-ray diffraction study of fractionated paraffin waxes. *Ind. Eng. Chem.* 23:6:697-701. (6000)

With K. E. Corrigan:

Industrial and chemical research with X-rays of high intensity and with soft X-rays. *Ibid.* 23:7:815-20. (6000)

With K. R. Fitch:

Chemical effects of X-rays upon some aromatic colors and dyes. *Radiology* 17:8:285-96. (6000)

With C. S. Bucher and Otto Lorenz:

An extension of X-ray researches on the fine structures of colloids to normal and pathological human tissues. *Ibid.* 17:9:482-503. (15,000)

With R. Glocker:

The concept of dosage and the definition of the r-unit. *Ibid.* 18:1:93-99. (6000)

With A. I. Andrews and H. W. Alexander:

Progress report on determination of crystalline compounds causing opacity in enamels by X-ray methods. *J. Am. Ceram. Soc.* 14:9:634-39. (3000)

With Abde Ally and A. E. Badger:

The lattice dimensions of the spinels. *Amer. J. Sci.* 22:12:539-46. (3500)

With Abde Ally:

X-ray examination of chrome ores: (I) lattice dimensions; (II) theoretical densities. *Amer. Mineral.* 17:2:66-74. (3000)

CLAUSEN, R. G.

(2) Articles:

Orientation in fresh-water fishes. *Ecology* XII:3:541-46. (2000)

CLEMENT, JOHN ADDISON

(2) Articles:

Foundations of secondary education, Chapter IX in "Orientation in education," ed. by T. H. Schutte. Macmillan Company, N. Y., 1932. pp. 176-201.

With V. T. Smith:

Public junior college legislation in the United States. *U. of Ill. Bur. Educ. Res. Bul.* 61:1-61.

(3) Reviews:

Nature and scope of examinations, Vol. II of "Interpretations of physical education," ed. by J. B. Nash. *Res. Qt. Amer. Phys. Ed. Assoc.* III:1:177-78.

CLEVINGER, A. W.

(2) Articles:

Proc. H. S. Conf., 1931. *U. of Ill. Bul.* 29:36:1-325.

Rpt. H. S. Visitor for 1931-32. *U. of Ill. Bul.* 28:50:1-15.

Special articles in memory of Professor H. A. Hollister and Professor Thomas Lloyd Jones. *North Central Assoc. Qt.* 6:4:327-29. (1500)

Thirty-seventh Annual Meeting of the North Central Association of Colleges and Secondary Schools. *Sch. Rev.*, Apr., 1932.

With H. D. Trimble, F. C. Hood, Harry Thrasher, J. C. Hanna, and Livingston Blair:

Conditions for the recognition and accrediting of Illinois secondary schools. *Pub. by Supt. of Pub. Instr., Springfield.* 1931. 16 pp.

With C. W. Odell:

High school libraries in Illinois. *U. of Ill. Bur. Ed. Res. Bul.* 57. (13,500)

COBLE, A. B.

(2) Articles:

Academic freedom and tenure at the Ohio State University. *Bul. Amer. Assoc. Univ. Profs.* 17:6:443-73. (15,000)

(3) Reviews:

A treatise on algebraic plane curves, by J. L. Coolidge. *Amer. Math. Mo.* 39:5:293-95. (1400)

COLBY, A. S.

(2) Articles:

With L. R. Tucker:

Effects of pruning on fruiting of shoots and the growth of their terminals and laterals in the Concord. *Proc. Amer. Soc. Hort. Sci.* 28:143. (300)

COLE, ARTHUR G.

(1) Books:

The following chapters in "Practical Physiological Chemistry," by Philip B. Hawk and Olaf Bergeim. P. Blakiston's Son and Co., Philadelphia, 10th ed., 1931:

COLE, ARTHUR G.

(1) Books (continued)

- Ch. I. Some physico-chemical properties of solutions. pp. 1-43.
 Ch. III. Proteins: their composition and hydrolysis; amino acids.
 pp. 82-116.
 Ch. IV. Proteins: their structure and general reactions. pp. 117-141.
 Ch. V. Proteins: their classification and properties. pp. 142-162.

(2) Articles:

With Ludvig Hektoen:

- Precipitinogenic action of minute quantities of ovalbumin. *J. Infect. Dis.* 50:171-76. (2000)

(3) Reviews:

- Die Globuline, by Mona Spiegel-Adolf. *Arch. Path.* 11:837-38. (500)

CONVERSE, PAUL D.

(2) Articles:

- Occupation as a credit factor. *Credit World* XX:7. (2000)
 Business mortality of Illinois retail stores from 1925 to 1930. *U. of Ill. Bur. Bus. Res. Bul.* 41. (15,000)
 Prices and services of chain and independent stores in Champaign-Urbana. *Natl. Assoc. Teach. Mark. and Adv. Bul.*, Oct., 1931. (10,000)

(3) Reviews:

- J. C. Penney, the man with a thousand partners. *N.A.T.M.A. Graphs*, Dec., 1931. (1500)

COPLEY, M. J.

(2) Articles:

With A. N. Guthrie:

- Magnetic moment of the palladium atom. *Phys. Rev.* 38:2:360-64. (2000)

CORNBLEET, THEODORE

(2) Articles:

With B. E. Montgomery:

- Self-sterilizing powers of the skin. *Arch. Derm. and Syph.* 23:908-19. (5000)

CRANDELL, JOHN STANLEY

(2) Articles:

- Recent developments in brick paving. *Proc. Nat. Paving Brick Assoc.*, 1932, pp. 70-76. (6000)
 Fillers and cushion courses for block pavements. *Proc. Highway Res. Bd.*, 1931. (950)
 Brick fillers and bedding courses—past and present. *Amer. City XLV*:3:99-101. (6000)
 Resurfacing old roads with brick. *Munic. Index* 1932. (3000)
 Resurfacing brick pavements. *Highway Eng. and Contr.* 38:17. (2900)

CRICKMAY, C. H.

(2) Articles:

- A new Jurassic ammonite from the coast ranges of California. *Amer. Mid. Naturalist* XIII:1:1-11.

CROSS, HARDY

(1) Books:

- Analysis of continuous frames by distributing fixed-end moments.
(author's closure). Proc. A. S. C. E., May, 1932. (5000)
Time yield of concrete—effect on design. J. Amer. Concr. Inst.,
Nov., 1931. (1500)
Four chapters in Kidder's "Architects' and Builders' Handbook."
265 pp.

DALITSCH, WALTER WILLIAM

(2) Articles:

- Focal infection. Bul. Chicago Dent. Soc. XII:26:25-27. (700)

DAY, WILLIAM B.

(2) Articles:

- Philo Carpenter—pioneer pharmacist of Chicago. J. Amer. Pharm.
Assoc. XX:9:922-24. (1350)

DAVIS, DAVID JOHN

(2) Articles:

With M. Lampert and Isadore Pilot:

- Otitis media and mastoiditis due to *Streptococcus epidemicus*. J.
Inf. Dis. 48:498-501. (2000)

With Isadore Pilot:

- Cellulitis and abscess due to *Streptococcus epidemicus*. *Ibid.* 48:
505-09. (1500)
Sporadic septic sore throat. J.A.M.A. 97:1691-96. (5000)

DAWSON, WALKER M.

(2) Articles:

- Inheritance of wildness and tameness in mice. Genetics 17:296-326.
(7000)

DECKER, S. W.

(2) Articles:

- The flower show and its effect on the "glad" industry. Amer. Glad.
Rev. 9:3:92-95. (2600)
Flower gardening for junior garden clubs. U. of Ill. Flor. Pamph.
8. 13 pp. (7000)
Course for "glad" growers. Flor. Rev. 69:1785:23-24. (2500)
The effect of steaming the soil on yields of carnations. Proc. Amer.
Soc. Hort. Sci. 28:413-15. (1450)

With F. F. Weinard:

- The growth of several floricultural crops on limed and acidified
soils. *Ibid.* 28:416-17. (800)
Peony fertilizers and cutting methods. *Ibid.* 28:423-26. (1500)
Amer. Peony Soc. Bul. 31(49):3-7.

DETURK, E. E.

(2) Articles:

- Phosphorus as a factor in soil fertility. Rpt. Ill. Farm. Inst. 36:88-
112. (8100)

With R. H. Bray:

- Field method for lime requirements of soils. Soil Sci. XXXII:5:
329-41. (7000)

DETURK, E. E.

(2) Articles (continued)

With B. W. Hawk:

A new method of ashing plant materials for the determination of total phosphorus. *Ind. Eng. Chem., Anal. Ed.* 4:111. (1200)

See also Smith, R. S.

DILLMAN, LUCIUS M.

(2) Articles:

The effects of ultraviolet irradiation on the reducing power of blood. *J. Lab. and Clin. Med.* 27:1:44. (800)

The effect of ultraviolet irradiation on glucose solution. *Ibid.* 17:3:236. (1000)

DOLAND, JAMES J., *see* Babbitt, H. E.

DOLCH, EDWARD WILLIAM

(1) Books:

The psychology and teaching of reading. Ginn and Co., Boston. 1931. 260 pp.

(2) Articles:

Measuring sentence ability. *Engl. J.* XX:4:309-15. (2600)

Value of reading practice. *Elem. Engl. Rev.* IX:4:99-101. (2100)

DORSEY, M. J.

(2) Articles:

With R. L. McMunn:

A comparison of different methods of taking samples of apples in experimental plots. *Proc. Amer. Soc. Hort. Sci.* 28:619-26. (1700)

Suggestions from the peach investigations. *Trans. Ill. Hort. Soc.* 65:484-91. (2200)

DRAFFIN, JASPER O., *see* Ketchum, Milo S.

DUNBAR, LOUISE B.

(2) Articles:

Washington as a statesman. *Daily Illini* LXI:140:5, 9, 10. (2300)

DUNGAN, G. H.

(2) Articles:

An indication that corn tillers may nourish the main stalk under some conditions. *J. Amer. Soc. Agron.* 23:8:662-70. (3000)

High yielding wheats in Illinois. *Prairie Farmer* 103:28:5. (850)

With C. A. VanDoren:

Soybean hay studies. *Proc. Amer. Soybean Assoc.* III:65-68. (1200)

See also Flint, W. P.

DU VIGNEAUD, VINCENT

(2) Articles:

With H. S. Loring:

The isolation of two isomeric inactive cystines. *Proc. Soc. Exp. Biol. and Med.* 29:41.

DU VIGNEAUD, VINCENT

(2) Articles (continued)

With Alice Fitch, E. Pekarek, and W. Wayne Lockwood:

The inactivation of crystalline insulin by cysteine and glutathione. *J. Biol. Chem.* 94:233.

With Leonore Hollander:

The resolution of inactive cystine and isolation of pure dextro-rotatory cystine. *Ibid.* 94:243.

With Curtis E. Meyer:

Isolation of methionine by enzymatic hydrolysis. *Ibid.* 94:641.

With Robert Ridgely Sealock:

The racemization of acetyl-L-tryptophane. *Ibid.* 96:511.

EMCH, ARNOLD

(2) Articles:

On a new normal form of the cubic surface. *Amer. J. Math.* 53: 902-10. (4000)

Über die Abbildung projektiver Räume. *Commentari Mathematice Helvetici.* 3:1-11. (5000)

The symmetric (n,n)-correspondence and some geometric applications. *Amer. J. Math.* 54:285-92. (4000)

(3) Reviews:

Projektive Geometrie, by Dr. Ludwig Biederbach. *Bul. Amer. Math. Soc.* 38:167.

ENGELHART, MAX D.

(2) Articles:

A summary of experimental investigations in arithmetic. *Phi Delta Kappan* 14:3:92-94. (1250)

Physical and biological sciences. *Rev. Educ. Res.* 2:1:21-28. (2800)

See also Monroe, W. S.

ENGLIS, DUANE T.

(2) Articles:

With J. L. Gabby:

The effect of water blanching on the canning of whole kernel corn. III. Effect on density, ease of cleaning, appearance, and other miscellaneous factors. *Canner* 72:20:15-17. (1500)

With G. T. Pfeifer and J. L. Gabby:

The polarimetric reducing sugar relationships of starch hydrolytic products resulting from diastatic action. *J.A.C.S.* 53:5:1883-89. (2700)

ESPY, WILLIAM N.

(2) Articles:

Mechanical engineering—field for man or robot? *Technograph XLVI*:5:6-7. (2600)

EWERT, EARL E., *see* Herrold, Russell D.

EWING, PAUL L., *see* McGuigan, H. A.

FAHNESTOCK, M. K.

(2) Articles:

With A. P. Kratz:

Steam condensation an inverse index of heating effect. Heating, Piping, and Air Conditioning 3:7:621-25. Reprinted by Ill. Eng. Exp. Sta., Oct., 1931. (2500)

Performance of convector heaters. *Ibid.* 4:4:283-87. (3200)

FAIRLIE, JOHN A.

(2) Articles:

Ceylon's government, old and new. Amer. Pol. Sci. Rev. 25:396. (1800)

Constitutional developments in China. *Ibid.* 25:1016. (2500)

Municipal affairs in India. Nat. Mun. Rev. 20:650. (2500)

A student of government visits Tokyo. Public Management 14:125. (800)

County government in the United States. Toshi Mondai (Municipal Problems, Tokyo) 14:1349. (2600)

FAITH, W. L., *see* Keyes, D. B.

FALLS, FREDERICK H.

(2) Articles:

The inter-relationship between the thyroid gland and pregnancy. Memphis Med. J., Feb., 1932. (3600)

FANTUS, BERNARD

(1) Books:

With L. B. Kartoon:

General therapeutics. Year Book Publishers, Chicago. 1931. 449 pp.

(2) Articles:

The abuse of narcotics. J.A.M.A. 96:20:1691-93. (2540)

The doctor serves. Hygeia 10:3:235-37. (1736)

See also Snow, Clyde M.

FAUCETT, MAX A.

(2) Articles:

With John O. Kraehenbuehl:

Easy ratio determination for registers. Elec. World 97:25. (450)

FELDMAN, L.

(2) Articles:

Luetic aortitis—a clinicopathological résumé. Ill. Med. J. 61:1:48. (4500)

FITCH, H. M.

(2) Articles:

Hills of southern Wisconsin rich in mineral aggregates. Rock Products 34:10:33-43. (9600)

"Old-Timer" in stone production starts new venture. *Ibid.* 34:11:56-57. (1350)

New crushing plant includes ready-mixed concrete plant. *Ibid.* 34:23:25-29. (3300)

Increasing the pay load with light-weight truck bodies. *Ibid.* 34:26:81. (800)

FITCH, H. M.

(2) Articles (continued)

South Bend making come-back in concrete products field. *Concrete Products* 40:8:5-12. (5900)

Marion, Ohio, a city of small concrete products plants. *Ibid.* 40:10:26-30. (4200)

FLETCHER, H. F.

(1) Books:

Contributions to a Milton bibliography, 1800-1930. U. of Ill. Press. 1931. 166 pp.

(3) Reviews:

Milton, by Tillyard. *J. Engl. and Germ. Philol.* 30:4:592-94. (900)

Reference guide to Milton from 1800 to the present day, by Stevens. *Mod. Lang. Notes* 46:8:539-41. (900)

FLINT, W. P.

(1) Books:

With C. L. Metcalf:

Fundamentals of insect life. McGraw-Hill Book Co., N. Y. 1932. 581 pp.

(2) Articles:

Effect of drought on cereal crop insects. *J. Econ. Entom.* 24:3:653-56. (1000)

Insect pests predicted for 1932. *Great Lakes Banker*, Jan., 1932, p. 21. (500)

Chinch bug threatens in 1932. *Prairie Farmer*, Feb. 19, 1932. (300)

How to stop "Weevil" damage in stored grain. *Ill. Agr. Exp. Sta. Circ.* 380. (1200)

With Staff of the Department of Horticulture and Natural History Survey:

Directions for spraying fruits in Illinois. *Ibid.* 388. (10,000)

With M. D. Farrar:

The use of mineral oils for better dusts. *J. Econ. Entom.* 25:2:269-71. (850)

Progress in orchard insect control. *Trans. Ill. Hort. Soc.* 65:148-63.

With S. C. Chandler:

Insect forecast for 1932 and recommendations for control. *Ibid.* 1931:437-52. (6000)

With W. P. Hayes, G. H. Dungan, and A. L. Young:

No corn borers found in Illinois in 1931. *Ill. Agr. Exp. Sta. Cir.* 384. (1200)

See also Anderson, H. W.

FOSTER, W. A.

(1) Books: *See* Newcomb, Rexford.

(2) Articles:

As good as new (remodeled house). *Successful Farming*, Dec., 1931. (1800)

A small milk house. *Capper's Farmer*, Jan., 1932. (800)

Home insulation. *Ibid.* Mar., 1932. (1500)

A better homes demonstration. *Better Homes Manual*, U. of Chicago Press. 1931. 4 pp.

FOSTER, W. A.

(2) Articles (continued)

Farm and village houses. 50 plans (78 plates and 10 pages text).
Com. on Farm and Village Houses. President's Conference on
Home Building and Home Ownership. Dec., 1931.

Planning the farm house. *Ibid.* VII. (3500)

Farm house plans (25 plans). U. S. Bur. Agr. Eng. 1931.

FOX, NOAH

(2) Articles:

Pneumococcic membranous nasopharyngitis in infants. *Arch.*
Otolar. 15:426-34. (3000)

FRASER, WILBER J.

(2) Articles:

Making money and saving money in milk production. Rpt. 58th An.
Conv. Ill. Dairymen's Assoc. 34-39. (2500)

No depression in real values of farm life. *Hoard's Dairyman.* 76:
24:832. (1150)

Reduce production without reducing profit. *Ibid.* 77:1:3. (1300)

The dairyman's guide. *Ibid.* 77:2:43, 53. (1600)

Maintenance—foundation of milk production. *Ibid.* 77:3:62. (1130)

Cow, not herd, is unit of profit. *Ibid.* 77:4:100, 122. (1900)

When the cows come home. *Ibid.* 77:5:128. (1000)

Cow paths that lead far apart. *Ibid.* 77:6:166. (725)

Scant feed limits profits. *Ibid.* 77:7:193. (1700)

FREILICH, ELLIS B., *see* Lewison, Maurice.

FUSON, REYNOLD C.

(2) Articles:

With Reid G. Beveridge:

Dihaloacyanoacetyl derivatives of mesitylene. *J.A.C.S.* 53:1985-88.

With Arzy R. Gray and Joseph T. Walker:

The haloform reaction. III. Trihaloacetyl derivatives of mesitylene,
durene, and isodurene. *Ibid.* 53:3494-98. (2000)

With Mark W. Farlow and Carlyle J. Stehman:

The haloform reaction. IV. The influence of ortho-methoxy
groups. *Ibid.* 53:4097-103. (3200)

With Sidney B. Kuykendall and George W. Wilhelm:

Dihydro-1,4-pyrans. I. The action of sodium cyanide on 1,4-
dibromo-1,4-diaroylbutanes. *Ibid.* 53:4187-92. (3100)

With Tsi Yu Kao:

Dihydro-1,4-pyrans. II. Degradation by use of the Beckmann
rearrangement. *Ibid.* 54:313-17. (2500)

Dihydro-1,4-pyrans. III. The synthesis of the 1,2-dibenzoylcyclo-
butanes. *Ibid.* 54:1120-24. (2700)

With Perry H. Lewis and Robert N. DuPuis:

The haloform reaction. V. The influence of ortho-bromine atoms.
Ibid. 54:1114-20. (3300)

(3) Reviews:

The principles of organic chemistry, by James F. Norris. *J. Chem.*
Educ. 8:1903-04. (300)

GAINES, W. L.

(2) Articles:

Some biological aspects of milk recording. *Proc. Internat. Dairy Congress, Copenhagen, 1931*, pp. 140-49. (3000)

GARNER, JAMES W.

(1) Books:

Le développement et les tendances récentes du droit international. Libraire du Recueil Sirey, Paris. 1931. 115 pp.

(2) Articles:

Ratification of League of Nations conventions. *Amer. J. Int. Law* 25:727-30. (1300)

Appeal in cases of alleged invalid arbitral awards. *Ibid.* 26:126-32. (3500)

The Senate reservations to the inter-American treaty of arbitration. *Ibid.* 26:333-36. (1600)

Decisions of the U. S.-Mexican Mixed Claims Commission. *Brit. Year Book of Int. Law* 12:166-73. (3500)

Decisions of U. S. Courts involving questions of international law. *Ibid.* 12:202-05. (1300)

Conseil d'Etat. *Encyc. Soc. Sci.* 4:223-24. (2000)

William A. Dunning (biography). *Ibid.* 5:280-81. (500)

(3) Reviews:

Académie de Droit International, *Recueil des Cours* 1929. *Amer. J. Int. Law* 25:789-91. (1000)

The Geneva Experiment, by W. E. Rappard. *Ibid.* 26:210. (200)

La Coutume en Droit International, by G. Gianni. *Ibid.* 26:433-34. (250)

International Legislation, by M. O. Hudson. *Ibid.* 26:435-36. (350)

The Submarine in War, by K. Mori. *Ibid.* 26:455. (150)

GARRETT, O. F., *see* Overman, O. R.

GASUL, B. M.

(2) Articles:

Recent advances in pediatrics. *Clin. Med. and Surg.* 39:1:30-33. (600)

See also Goldberg, Benjamin.

GATHERCOAL, EDMUND N.

(1) Books:

With J. C. Krantz, Jr.:

Proceedings of the National Conference on Pharmaceutical Research, Baltimore, Md., Oct., 1931. 80 pp.

(2) Articles:

Report on extent of use of N. F. V galenicals. *J.A.Ph.A.* XX:166-79. (10,000)

Color names in the Pharmacopoeia. *Ibid.* XX:531-32. (1250)

Report of the Chairman of the Committee on National Formulary. *Ibid.* XX:1083-86. (2200)

Use of fluidextracts during the past fifty years. *Ibid.* XXI:274-76. (1700)

U.S.P.-N.F. prescription ingredient survey of 1931. *Ibid.* XXI:277-84. (5000)

GEISSENDOERFER, J. T.

(1) Books:

Schön ist die Jugend und der Zyklon, by Hermann Hesse. Prentice-Hall, N. Y. 1932. xii + 156 pp.

(3) Reviews:

Ludwig Tieck—Friedrich von Raumer Letters, by E. H. Zeydel and P. Matenko. J. Engl. and Germ. Philol. XXX:4:600-01. (235)

GETTMANN, ROYAL A.

(2) Articles:

A note on Columbia College. Amer. Lit. III:4:480-82. (850)

GIBSON, BYRON HALL

(1) Books:

The history, from 1800 to 1832, of English criticism of prose fiction. (Thesis abstract, privately printed.) Urbana, Ill. May, 1931. 8 pp.

GOBLE, GEORGE W.

(2) Articles:

Life of Robert Cooper Grier. Dict. Amer. Biog. 7:612-13. (1200)
Insurance, consent of insurer to a mortgage. Ill. Law Rev. 26:7:805-11. (3800)

(3) Reviews:

Elements of Law of Contracts, by Arthur B. Kieth. Ill. Law Rev. 26:480-81. (600)
Anson on Contract (5th Amer. ed.) and Clark on Contracts (4th ed.) Col. Law Rev. 32:559-60. (000)

GOLDBERG, BENJAMIN

(2) Articles:

Roentgenologic aspects of childhood tuberculosis. Amer. J. Roentgen. 26:397-407. (8000)
General hospital in care of tuberculous. Bul. Amer. Hosp. Assoc. 5:78-84. (4500)
Tuberculosis control and general practitioner. Kentucky Med. J. 29:252-57. (6000)
Tuberculous enterocolitis. Arch. Phys. Therap., X-ray, and Radium XII:716-23. (5600)

With B. M. Gasul:

Epituberculosis; report of unusual case with autopsy findings. Amer. Rev. Tubercul. 24:285-91. (3000)

GOTSHALK, D. W.

(2) Articles:

Typical American: a figure of action. Forum LXXXVI:2:xv. (500)
Nature and definition of a cause. Phil. Rev. XL:5:469-78. (4500)
Art and beauty. Monist XLI:4:624-33. (3500)
Some problems of evolution. *Ibid.* XLII:1:80-96. (5500)
Uniformity and induction. J. Phil. XXIX:6:141-53. (5500)

GOTSHALK, D. W. (continued)

(3) Reviews:

- Elements of epistemology, by J. T. Barron. *Ibid.* XXVIII:24:667-68. (500)
 Die Logik der Ästhetik, by F. J. Böhm. *Phil. Rev.* XLI:1:86-87. (500)
 Coleridge on logic and learning, by Alice D. Snyder. *Ibid.* XLI:2:224-27. (860)

GRAHAM, WALTER J.

(2) Articles:

- The authorship of the "Flapper." *Notes and Queries* CLXII:65. (300)
 More about the "Flapper." *Ibid.* CLXII:246. (500)
 The authorship of the "Cabinet." *Ibid.* CLXII:294-95. (800)

GRAY, ARZY R., *see* Fuson, Reynold C.

GREEN, FREDERICK

(2) Articles:

- United States vs. Mackintosh. *Ill. Law Rev.* 26:2:386-96. (4000)
 (Reprinted, *Com. Law J.* 59:2:59-63.)
 Interstate Commerce Act—validity of clause in bill of lading giving carrier benefit of shipper's insurance. *Ibid.* 26:5:566-69. (1000)

GREENGARD, JOSEPH

(2) Articles:

- Diphtheria toxoid (diphtheria anatoxin-Ramon) in infancy. *J.A.M.A.* 97:228-30.
 Purpuric manifestations in tuberculosis. *Amer. Rev. Tubercul.* 24:452.
 Nutritional anemia in infancy. *J. Amer. Diet. Assoc.* 8:33.
With Siegfried Maurer and Cessa Kluver:
 The value of liver extract and iron in the anemia of young infants. *J.A.M.A.* 98:1069-72.

GRIFFITH, COLEMAN R.

(2) Articles:

- Timing as a phase of skill. *J. Educ. Psych.* 23:3:204-13. (3000)
 Physical education and general education. *Proc. H. S. Conf., U. of Ill. Bul.* 29:36:280-86. (5000)
 The perceptions and mechanisms of vestibular equilibration. *Psych. Bul.* 29:4:279-303. (10,000)
 The influence of accessory training on maze learning. *Ibid.* 28:239. (300)
 A graphic study of movement systems. *Ibid.* 28:676-77. (400)
 Psychology in coaching, Wingate Memorial Lectures, No. 9, in "School Athletics in Modern Education," Wingate Memorial Foundation, 1931, pp. 414-30. (6000)
 Educational psychology. Chapter VI in "Orientation in Education," ed. by T. H. Schutte. Macmillan Co., N. Y. 1932. (10,000)

(3) Reviews:

- Psychologies of 1930, Vol. II, ed. by Carl Murchison. *Psych. Bul.* 29:6:381-405. (10,000)

GULLETTE, CAMERON C.

(2) Articles:

- Ear-training in the teaching of pronunciation. *Mod. Lang. J.* XVI: 5:334-36. (1500)
 Student interest versus method. *Ibid.* XVI:5:385-88. (2000)
 Multum in parvo. *Ibid.* XVI:6:470-76. (3000)
 The Illinois Modern Language Association. *Ibid.* XVI:7:543. (400)

HACKETT, ROBERT P.

(3) Reviews:

- Credit and its uses, by Wm. A. Prendergast and Wm. H. Steiner.
Acct. Rev. VI:4:318-19. (800)

HACKLEMAN, J. C.

(2) Articles:

- Progress of seed certification. *Rpt. Ill. Farm. Inst.* 35:34-46. (7000)
 Soybean varieties, dates of seeding, and longevity of seed. *Proc. Amer. Soybean Assoc.* III:69-73. (1925)

HALL, B. RUPERT

(1) Books:

- Pattern design (rev. ed.). College Publishers, Champaign, Ill. 1931.
 140 pp. mimeo.

(2) Articles:

- Method of treating the subject of pattern design at the U. of I.
Foundry Trade J. (London) 44:771:365. (1200)
 A review of patterns submitted by apprentices in 1931 contest.
Trans. and Bul. Amer. Foundrymen's Assoc. II:12:8-14. (700)

HALPER, PHILIP A.

(2) Articles:

- Diseases of the external ear. Chapter in "Cyclopedia of Medicine,"
 Vol. IV. F. A. Davis Co., Phila. 1931.
 Various articles on otolaryngology. *Ibid.*

HAMILTON, T. S.

(2) Articles:

With W. E. Carroll:

- Nutritional anemia is a preventable malady. *Amer. Hampshire Herdsman*, Feb., 1932, pp. 14-18. (2000)

See also Mitchell, H. H.

HAMILTON, THOMAS T., JR.

(2) Articles:

With Russell T. Gregg:

- Annotated bibliography of graduate theses in education at the University of Illinois. *U. of Ill. Bur. Educ. Res. Bul.* 55. 80 pp. (32,000)

HANSEN, MARCUS L.

(3) Reviews:

- Pilgrims of '48, by Josephine Goldmark, and History of the German Settlements in Texas, by Rudolph Bieseke. *Amer. Hist. Rev.* XXXVI:4:832-33. (500)

HANSEN, MARCUS L.

(3) Reviews (continued)

Carl Schurz, by Joseph Schafer. *Ibid.* XXXVII:2:385-86. (350)

Norwegian Migration to America, by Theodore Blegen, and The Background of Swedish Immigration, by Florence Janson. *Ibid.* XXXVII:3:572-73. (500)

HASSIN, GEORGE B.

(2) Articles:

Peripheral nerves; anatomic and pathologic considerations. *Arch. Neurol. Psychiat.* 25:58-78.

Hydrocephalus; report of a case in an infant with vestiges of a choroid plexus in the fourth ventricle only. *Ibid.* 27:406-09.

With S. J. Hoffman:

Acute diffuse encephalitis; a report of two cases. *Ibid.* 25:1118-22.

With C. F. Schaub and H. C. Voris:

Spasmodic torticollis. *Ibid.* 25:1043-50.

(3) Reviews:

Lebensnerven und Lebenstrieb, by L. R. Müller. *J.A.M.A.* 96:19:1644.

Die Regulierung der Atmung, gleichzeitig ein Beitrag zur Physiologie des vegetativen Nervensystems, by W. R. Hess. *Ibid.* 96:22:1897.

La pathologie du système pallido-strié, by P. Van Gehuchten. *Ibid.* 96:14:1172.

Die Lebensvorgänge im normalen Knorpel und seine Wucherung bei Akromegalie, by J. Erdheim. *Ibid.* 97:5:345.

The principal nervous pathways, by Andrew Theodore Rasmussen. *Ibid.* 98:17:1498.

Untersuchungen über das periphere Nervensystem, von Ko Hirasawa. Heft 2: Plexus brachialis und die Nerven der oberen Extremität. *Ibid.* 98:15:1326.

Atlas du cancer: les tumeurs des centres nerveux et des nerfs périphériques, by Gustave Roussy and Charles Oberling. *Ibid.* 98:14:1214.

HAYES, W. P.

(2) Articles:

Present status of the classification of immature insects. *Trans. Ill. Acad. Sci.* 24:2:181-202. (5000)

See also Flint, W. P.

HEDBLUM, CARL A.

(2) Articles:

Diaphragmatic hernia. *Sajou's New Analytic Cyclopedia.* 1931.

The treatment of empyema. *J.A.M.A.* 97:1943-49.

The selective surgical treatment of diaphragmatic hernia. *An. Surg.* Oct., 1931.

With Willard VanHazel:

Contrast media roentgenography in thoracic surgery. *Amer. J. Roentgen. and Radium Ther.*, May, 1932.

HEDBLÖM, CARL A. (continued)

(3) Reviews:

- Über die neuere Entwicklung der chirurgischen Behandlung der Lungentuberculose, by R. Nissen. J.A.M.A., July 9, 1932.
Primary carcinoma of the lung—bronchiogenic cancer—a clinical and pathological study, by B. M. Fried. *Ibid.*, July 23, 1932.

HERROLD, RUSSELL D.

(2) Articles:

- Laboratory methods for diagnosis of gonorrhea in the male. J. Urology XXVI:3:379-86. (2800)
Egg yolk agar in the culture of tubercle bacilli. Further observations. J. Infec. Dis. 49:5:420-24. (1550)
Whole human blood agar for the growth of the gonococcus. Ven. Dis. Inf. XIII:3:101-02. (715)

With Earl E. Ewert:

- The relation of the pH reaction of urine to the antiseptic action of mallophone in vitro. J. Lab. and Clin. Med. XVII:1:49. (1400)
Local vaccination in gonorrhea of the male. Trans. Chicago Urol. Soc. I:43-52. (2500)
The influence of the reaction of urine upon the growth of bacteria. Arch. Path. 13:4:679-80. (960)

HESS, JULIUS H.

(1) Books:

With Henry G. Poncher:

- Direct and indirect artificial radiation in the care of children. Chapter in "The principles and practice of physical therapy," vol. I. Prior Co., Hagerstown, Md. 1931.
Rickets, spasmophilia, and malnutrition. *Ibid.*

(2) Articles:

- Premature infants: a report of eleven hundred and twelve consecutive cases. Ohio State Med. J., Apr., 1932.
Dental infections as foci of systemic diseases in children. J. Amer. Dent. Assoc. XIX:97-104.

With I. M. Chamberlain and Louis S. Robins:

- Dried lactic acid milks as a long-continued diet for infants. J.A.M.A. 98:1250-53.

HIGGINS, JOHN A., *see* McGuigan, H. A.

HIGGINSON, GLENN D.

(1) Books:

- Fields of psychology. Henry Holt and Co., N. Y. 1931. 615 pp.

HOLT, HAROLD WRIGHT

(2) Articles:

- The need for administrative discretion in the regulation of the practice of medicine. Cornell Law Qt. XVI:495-521. (7500)
Illinois annotations, restatement of contracts. Ill. Law Rev. XXVI: 181-206, 282-316, 540-563, 667-680, 880-890. (11,500)

HOPKINS, B. S.

(1) Books:

Essentials of college chemistry. D. C. Heath and Co., Boston. 1932. 552 pp.

With H. A. Neville:

Laboratory exercises in chemistry. Revised ed. D. C. Heath and Co., Boston. 1931. 164 pp.

(2) Articles:

Scientific work of Charles James. *Nucleus* 9:11, 13, 14, 16. *J. Wash. Acad. Sci.* 22:21-26. (1700)

Training of teachers in service. *J. Chem. Educ.* 8:95-102. (3200)

Untangling one of nature's puzzles. *Proc. Amer. Phil. Soc.* 70:207-13. *Sci. Monthly* 34:2:172-75. (2800)

Cerium. *Footnotes* 4:2:2-16. (7800)

With L. F. Audrieth, E. E. Jukkola, and R. E. Meints:

Preparation of rare earth amalgams. *J.A.C.S.* 53:1805-09. (2000)

With J. Allen Harris and L. F. Yntema:

Cerium group of rare earths: Illinium summary. *Sci. News Letter* 20:140. (300)

With H. G. Dawson:

An experiment in visual education in elementary college chemistry. *Sch. Sci. Math.* 32:353-63. (4200)

(3) Reviews:

Supervised student teaching, by A. R. Mead. *J. Chem. Ed.* 8:1243-44. (250)

HOPKINS, SEWELL HEPBURN

(2) Articles:

Studies on *Crepidostomum*—II. The "*Crepidostomum laureatum*" of A. R. Cooper. *J. Parasit.* 18:79-91. (5400)

See also Ward, Henry B.

HOTTES, CHARLES F.

(2) Articles:

The contributions to botany of Julius von Sachs. *Ann. Mo. Bot. Gard.* 19:15-30. (6100)

HOWARD, W. V.

(2) Articles:

Carrier beds and oil accumulation. *Amer. Assoc. Petrol. Geol. Bul.* 16:3:260-63. (1800)

HUNT, G. E., *see* Mitchell, H. H.

HUNTER, M. H.

(2) Articles:

Governmental finances. *Amer. Year Book*, 1931: 172-78; 189-98. (9000)

Expenditure control. *Proc. Nat. Tax Assoc.* 1931:271-73. (1000)

Relation of schools of business to constituency. *Chicago J. Bus.* IV:3 (pt. 2):157-61. (1800)

How much public expenditure? *Barron's XII*:19:5. (1600)

HUNTER, M. H.

(2) Articles (continued)

Problemes d'impôt sur le revenu aux Etats-Unis. *Rev. de Sci. et de Legis. Finan.* XXIX:2:273-78. (1700)

Problems in taxation. 40 newspaper articles. (12,000)

(3) Reviews:

The national debt, by Hargreaves. *Amer. Econ. Rev.* XXI:172-73.

Federal financing, by Love. *Miss. Vall. Hist. Rev.* XVIII:288-89.

HYNEMAN, C. S.

(2) Articles:

Jurisprudence de la cour supreme pendant l'annee 1930. *Annuaire de l'Institut International de Droit Public*: 1931. I:425-37.

With C. M. Kneier:

Recent publications of political interest (compilation). *Amer. Pol. Sci. Rev.* 25:2:498-541; 3:812-49; 4:1122-55. 26:1:184-213; 2:404-27. (60,000)

(3) Reviews:

American neutrality in 1793: a study in cabinet government, by Charles M. Thomas. *Ind. Univ. Alumni Qt.* 19:2:210-11. (800)

IBEN, ICKO

(2) Articles:

Antwort auf die Frage bezüglich einer einfachen Methode der Registrierung von Zeitungsaufsätzen. *Mitteilungen des Reichsbundes akademisch gebildeter Landwirte.* 12:2:15.

(3) Reviews:

Die bäuerlichen Fachschulen im Rahmen des deutschen landwirtschaftlichen Schulwesens, by Martin Kühner. *Ibid.* 12:16:125.

JACKSON, CHESTER OSCAR

(2) Articles:

Basket-shooting tournaments. *Athl. J.* 12:6:52-7. (1500)

Suggestions for the inexperienced teacher. *Proc. H. S. Conf., U. of Ill. Bul.* 29:36:278-80. (1000)

A study of current practices in student teaching and supervision. *Amer. Phys. Educ. Assoc. Res. Qt.* 3:1:152-58. (2100)

JENKINS, RICHARD L.

(2) Articles:

Periodicals for medical libraries. *J.A.M.A.* 97:9:608-10. (1800)

Basal metabolism standards. A statistical comparison of their prediction values. *J. Nutr.* IV:3:305-21. (4500)

Random mating and blood groups. *J. Immun.* XXI:4:279-86. (2300)

Basal metabolism—I. The error of basal metabolism determination and the normal range of basal metabolism. *Arch. Int. Med.* 49:181-87. (2600)

Basal metabolism—II. The basal pulse complex. *Ibid.* 49:188-90. (3900)

Small head size associated with mental defect. *Psych. Clinic* XX:7:193-204. (3300)

JOANNIDES, MINAS

(2) Articles:

With J. J. Litschgi:

The relation of the diaphragm to gastric peristalsis. *Radiology* 17:723-26.

JOHNSON, C. A.

(2) Articles:

With B. Z. Rappaport:

A study of the proteins of ragweed pollens. *J. Infect. Dis.* 50:4: 290-309. (7000)

JOHNSON, SVEINBJORN

(1) Books:

House bill No. 549, approved April 13, 1931, authorizing the state to issue tax anticipation notes, is not an unconstitutional attempt to borrow money. Flanagan and Pearson, Champaign, Ill. 1931. 26 pp.

An ordinary employee has no power to bind the Board of Trustees to a contract without prior authorization. U. of Ill. Press, Urbana. 1932. 24 pp.

The salary of a state university professor is not subject to the federal taxing power. U. of Ill. Press, Urbana. 1932. ix + 45 pp.

Scientific instruments imported by state universities are not dutiable. U. of Ill. Press, Urbana. 1932. xii + 67 pp.

Conducting a school system is a strictly governmental function. Flanagan and Pearson, Champaign, Ill. 1932. vii + 27 pp.

(3) Reviews:

Cases and materials on the law of corporate reorganization, by Douglas and Shanks. *Virginia Law Rev.* XLIII:4:472-73. (600)

JOHNSTON, P. E.

(2) Articles:

With K. H. Myers:

Harvesting the corn crop in Illinois. *Ill. Agr. Exp. Sta. Bul.* 373.

JONES, H. S. V.

(2) Articles:

Magnanimity in Spenser's Legend of Holiness. *Studies in Philol.* XXIX:2:200-06. (2800)

(3) Reviews:

Tottel's Miscellany, ed. by Hyder Edward Rollins. *J. Engl. and Germ. Philol.* XXXI:2:289-91. (1221)

KAMPMEIER, OTTO F.

(2) Articles:

Ursprung und Entwicklungsgeschichte des Ductus thoracicus nebst Saccus lymphaticus jugularis und Cysterna chyli beim Menschen. *Morph. Jahrb.*, Bd. 67, 1931. 77 pp. with 49 figures (some colored).

KEETON, ROBERT W.

(2) Articles:

With Helen MacKenzie, Selma Olson, and Louise Pickens:

The influence of varying amounts of carbohydrates, fat, protein, and water on the weight loss of hogs in under-nutrition. *Amer. J. Physiol.* 97:3:473-90.

KELLEY, V. W.

(2) Articles:

- Pruning young apple trees for profit. Ill. Agr. 36:4:54-63. (1900)
See also Ruth, W. A.

KETCHUM, MILO SMITH

(1) Books:

- Calculation of stresses in framed structures. Part I of "Steel Mill Buildings." McGraw-Hill Book Co., N. Y. 1932. 230 pp.
With W. D. Pence:
 Surveying manual, 5th ed. McGraw-Hill Book Co., N. Y. 1932.
 363 + xvi pp.

(2) Articles:

- Structural engineering. Amer. Year Book 1931:625-33. (6000)
With J. O. Draffin:
 Strength of light I-beams. Ill. Eng. Exp. Sta. Bul. 241:1-44.

(3) Reviews:

- Engineering education: Fundamentals of specialization, by Dexter S. Kimball. Eng. News-Rec., Jan. 14, 1932. (400)

KETCHUM, P. W.

(2) Articles:

- Solution of partial differential equations by means of hypervariables. Amer. J. Math. 54:253-64.
With Ted Martin:
 Polygenic functions of hypercomplex variables. Bul. Amer. Math. Soc., Feb., 1932, pp. 66-72.

KEYES, D. B.

(2) Articles:

- Research on ice manufacture. Ice and Refrig., Feb., 1932, p. 141. (800)
 Space cooling in the home. *Ibid.*, p. 220. (1000)
 Solvents and nitrocellulose lacquers. Chapter in "Manual of Industrial Chemistry," ed. by Allen Rogers. D. Van Nostrand Co., N. Y. 1931. (12,000)
 Research and research. Amer. Paint J., Convention Daily, Dec. 4, 1931, p. 8. Paint, Oil, and Chem. Rev., Dec. 10, 1931, pp. 21-22. (2500)
 Chemical research in ice manufacture. Trans. Ill. Acad. Sci. 24:2:266-74. Sci. Mo. 34:2:176. (1800)
 Discussion of cooperative research. J. Eng. Educ. 22:5:415. (300)
 Introduction to symposium on utilization of gaseous hydrocarbons. Ind. Eng. Chem. 24:10. (500)

With R. D. Snow:

- Studies in liquid partial oxidation—II. *Ibid.* 23:5:561. (1200)
 Catalytic partial oxidation of ethyl alcohol. Ill. Eng. Exp. Sta. Bul. 238. (9000)

With W. L. Faith:

- Catalytic partial oxidation of alcohols in the vapor phase—III. Ind. Eng. Chem. 23:1250-51. (3000)

(3) Reviews:

- Annual survey of American chemistry, ed. by Clarence J. West. Chem. Met. Eng. 38:6:352. (300)

KISTLER, S. S.

(2) Articles:

- Coherent expanded aerogels and jellies. *Nature* 127:741. (500)
Coherent expanded aerogels. *J. Phys. Chem.* 36:52-64. (7500)

KLEMPNER, DIETRICH

(2) Articles:

- Coronary thrombosis. *Clin. Med. Surg.* 38:12:877-83.
Hodgkin's disease of mediastinum. *Ill. Med. J.*, January, 1932, pp. 46-48.

KNEIER, CHARLES M.

(2) Articles:

- The place of local government in the high school course in civics.
Proc. H. S. Conf., U. of Ill. Bul 29:36:131-44. (3300)
The dark continent. *Ill. Voter* 11:9:1-3. (1200)
See also Hyneman, C. S.

KNIGHT, A. R.

(2) Articles:

- Report on accuracy of polyphase meters. *N.E.L.A. Meter Com. Rpt.*, Apr. 13, 1932. (2500)

KOEHLER, BENJAMIN

(2) Articles:

- Moisture of shelled corn in relation to fungus growth. *Phytopathology* 22:1:15. (200)
Diseases of soybeans in Illinois. *Proc. Amer. Soybean Assoc.* III: 60-64. (1690)
With James R. Holbert:
Results of seed-treatment experiments with yellow dent corn. *U. S. Dept. Agr. Tech. Bul.* 260. 64 pp. (16,400)

KOUCKY, JOHN D., *see* Milles, George.

KRAEHNBUHL, JOHN O.

(2) Articles:

- Porcelain insulators. *Rpt. Eng. Sect., Great Lakes Div., N.E.L.A.*, October 1-3, 1932, pp. 35-37. (600)
Mechanical-electrical stress studies of porcelain insulator bodies. *Bul. Util. Res. Com.* 2:6:1-4. (1300)
With C. W. Parmelee:
A study of the electrical strength of porcelain. *Trans. Electrochem. Soc.* LIX. (3600)
See also Faucett, Max A.

KRASE, NORMAN W.

(2) Articles:

- With Milton A. Dewey:*
Hydrolysis of starch by carbonic acid. *Ind. Eng. Chem.* 23:12: 1436-37. (800)

KRATZ, A. P.

(2) Articles:

Humidification for residences. Ill. Eng. Exp. Sta. Bul. 230. (6000)

See also Fahnestock, M. K.

KRUGER, P. GERALD

(2) Articles:

Isy-radiation produced by proton transitions in the nucleus? Phys. Rev. 40:318. (300)

With R. C. Gibbs:

Structure of the helium arc line 3888. *Ibid.* 37:1559-61. (600)

Some evidence indicating the existence of Ba isotopes 136-37. *Ibid.* 38:1921. (160)

KUDO, R. R.

(3) Reviews:

From Greeks to Darwin, 2d ed., by H. F. Osborn. J. Zool. Soc. Japan 43:516:633. (500)

Das Prinzip geographischer Rassenkreise und das Problem der Artbildung, by B. Reusch. *Ibid.* 43:516:634. (400)

Lehrbuch der Protozoenkunde, 5th ed., II and III Teile, by F. Doflein and E. Reichenow. *Ibid.* 43:516:634. (500)

Protozoan parasitism of the alimentary tract, by K. M. Lynch. Tokio Med. News 2732:43. (400)

KUNZ, JAKOB

(2) Articles:

Jets from manifold tubes. Applied mechanics with discussion and closure. Trans. Amer. Soc. Mech. Eng. 53:181.

LACKNER, JULIUS E.

(2) Articles:

With M. L. Leventhal:

Chorionepithelioma of the uterus. J.A.M.A. 98:1136-39. (500)

With Felix Saunders and Sydney S. Schochet:

The adsorption of physiologically active substances by activated charcoal. J. Pharm. and Exper. Therap. XLII:2:169-77. (350)

(3) Reviews:

With Sydney S. Schochet:

The gynecological literature of 1930. Amer. J. Obstet. and Gyn. XXII:326-35, 477-500. (1400)

LARSON, LAURENCE M.

(1) Books:

A guide to historical literature. (Contributor to secs. L and R, editor of sec. R.) Macmillan Co., N. Y. 1931. 15 pp.

(2) Articles:

The convention riot at Benson Grove, Iowa, in 1876. Norw.-Amer. Hist. Assoc. Studies and Records 6:122-32. (4000)

Erik Gustav Geijer. Encyc. Soc. Sci. 6:600. (500)

(3) Reviews:

Leif Eriksson, discoverer of America, by E. F. Gray. Miss. Vall. Hist. Rev. 18:1:68-69. (300)

LASH, A. F.

(2) Articles:

Bacteriology and management of infections of female generative tract. *Ill. Med. J.* 59:473-76.

Prophylactic gynecology in postnatal patients based on personal observations of 1516 postnatal patients. *J.A.M.A.* 97:757-60.

Pre-eclampsia in an abdominal pregnancy. *Amer. J. Obstet. and Gyn.* 23:1:139.

LEDERER, FRANCIS L.

(2) Articles:

Diseases of the larynx, diseases of the nose, mastoid disease, and various articles on otolaryngology. Chapters in "Cyclopedia of Medicine." F. A. Davis Co., Phila. 1931.

LEE, FREDERIC EDWARD

(2) Articles:

China's old-style native banks. *Amer. Bank Assoc. J.* XXIV:2:465-66, 106-08. (3000)

Central bank proposals for China. *Statist (London)* CXVIII:2793:333-34. (2500)

The status of British "Big Five" banks. *Barron's* XII:11:24. (2800)

The vitality of British banks. *Chicago J. Com.* XII:153:7; 154:7. (3500)

LEHMANN, E. W.

(2) Articles:

George Washington, the agricultural engineer. *Better Farm and Equip. Mag.*, Apr., 1932, pp. 5-7. (2500)

Soil erosion control progress in Illinois. *Agr. Eng. J.*, May, 1932, pp. 126-27. (2000)

Developing business on electrical equipment for the farm. *Farm Impl. News*, Dec. 31, 1931, pp. 14-15. (2000)

Electricity on the farm and in rural communities. *C.R.E.A. Bul.* VII:1:6-55. (24,000)

LENDRUM, J. T., *see* Porter, F. M.

LEUTWILER, O. A.

(1) Books:

Notes on the design of steam power plants. (Revised and enlarged ed.) Edwards Brothers, Ann Arbor, Mich. Feb., 1932. 203 pp.

LEWISON, MAURICE

(2) Articles:

With Ellis B. Freilich and Oscar B. Ragins:

A correlation of clinical diagnoses and pathological findings with special reference to tuberculosis. An analysis of autopsy findings in 893 cases. *Amer. Rev. Tubercul.* XXIV:2:152-71.

LIFVENDAHL, RICHARD A.

(2) Articles:

Uterine abscess, hysterectomy, and recovery. *Amer. J. Obstet. and Gyn.* 23:97.

Ascending intra-uterine polyp. *Ibid.* 23:594.

LIFVENDAHL, RICHARD A.

(2) Articles (continued)

Modifications of the hormone tests for the diagnosis of pregnancy. *Ibid.* May, 1932.

A vaginal speculum for the cauterization of the cervix. *Ibid.* 22:444.

The tela-vaginalite. *Ibid.* 23:500.

Possible errors in the interpretation of intravenous urography. *Ill. Med. J.*, July, 1931.

Tumors of the extra-hepatic bile ducts. *An. Surg.*, 1931, p. 61.

The treatment of leukorrhea. *Bul. South Side Branch Chicago Med. Soc.* 2:9.

LINSLEY, C. M.

(2) Articles:

Limestone—the key to soil building and higher crop yields. *Ill. Agr. Exp. Sta. Circ.* 375. (7200)

LITMAN, SIMON

(2) Articles:

What economic Russia means. *Ill. J. Com.* XIII:5:9-10. (750)

LITTLETON, A. C.

(2) Articles:

Overburdened terms. *Acct. Rev.* VI:2:142. (1000)

The social significance of accounting. *Ibid.* VI:3:230. (1000)

Early transaction analysis. *Ibid.* VI:3:179-84. (4000)

Accountants certificates. *Amer. Acct.* 16:9:270. (700)

LLOYD, J. W.

(2) Articles:

Lessons from cooperative marketing. *Trans. Ill. Hort. Soc.* 65:384-87. (1200)

Cauliflower for corn-belt gardens. *Ill. Agr. Exp. Sta. Circ.* 385:1-11. (3200)

Carrot culture. *Ibid.* 386:1-8. (2600)

With E. P. Lewis:

Fertilizer experiments with ten market-garden crops in Cook County, Illinois. *Ibid.* 377:1-36. (13,000)

LOCKLIN, D. PHILIP

(2) Articles:

Changing character of transportation system. *Amer. Econ. Rev.* XXII:1:sup., 274-76. (900)

LOOMIS, F. W.

(2) Articles:

Rotational structure of the red bands of potassium. *Phys. Rev.* 38:2153; 39:189A.

With R. W. Wood:

Nuclear spin of potassium. *Ibid.* 38:854.

With R. E. Nusbaum:

The magnetic rotation spectrum and heat of dissociation of the lithium molecule. *Ibid.* 38:1447, 1712A.

LOOMIS, F. W.

(2) Articles (continued)

With R. E. Nussbaum:

Heats of dissociation of Na_2 and K_2 . *Ibid.* 39:179A.

Magnetic rotation spectrum and heat of dissociation of the potassium molecule. *Ibid.* 39:89.

Magnetic rotation spectrum and heat of dissociation of the sodium molecule. *Ibid.* 40:380-86.

With H. Q. Fuller:

The enhancement of iodine absorption by the admixture of oxygen. *Ibid.* 39:180A.

With J. G. Winans:

Über einen Versuch zur Auffindung des Ramaneffektes an Metallektrenen. *Zeits. f. Phys.* 73:658.

LOUNSBURY, RAYMOND H.

(2) Articles:

Velocity concepts and prices. *Qt. J. Econ.* 46:1:34-67. (12,000)

LUCE, WILBUR M.

(2) Articles:

The temperature-effective period in infrabar and its heterozygotes. *J. Exp. Zool.* 59:3:467-98. (11,000)

LYBYER, A. H.

(1) Books (edited):

Modern Turkey. Monograph series of the New Orient Society of America. No. 3. Open Court Pub. Co., Chicago. 1932. 80 pp.

(2) Articles:

The political reconstruction of Turkey. *Ibid.* (5000)

Oriental and Near Eastern relations of the United States. *Amer. Year Book* 1931:57-62. (3500)

Scholars in the horseless age. *Amer. Scholar* 1:2:194-200. (3100)

A day of rejoicing (Nov. 11, 1931). *Illini Weekly*, Nov. 20, 1931. (3200)

Feudalism, Saracen and Ottoman. *Encyc. Soc. Sci.* 6:210-13. (2200)

Turkey and the Near East (12 monthly short articles and notes). *Cur. Hist. Mag.* 34:2-6; 35:1-6; 36:1. (20,500)

(3) Reviews:

The Grand Seraglio: Beyond the Sublime Porte, by Barnette Miller. *Yale Rev.* 21:3:608-10. (600)

The Holy Land under mandate, by Fannie Fern Andrews. *C. S. Monitor*, July 11, 1931, p. 12. (2400)

MCALLISTER, WALTER G.

(1) Books:

A further study of the delayed reaction in the albino rat. *Comp. Psych. Monog.* Johns Hopkins Press, Baltimore. 1932. 103 pp.

(2) Articles:

With H. D. Berman:

Visual form discrimination in the domestic cat. *J. Comp. Psych.* XII:2:207-41. (1200)

McDANIELS, HERBERT E.

(2) Articles:

- Rapid agglutination in tularemia tests. *Amer. J. Pub. Health* 21:5: 552. (400)
- Effect of egg-white in oral vaccination against pneumococcus. *Proc. Soc. Exp. Biol. and Med.* 28:6:587-88. (670)
- Tularemia in Illinois: a study of the epidemiology, case histories, distribution and prevalence in the state. *Ill. Health Qt.* 3:3: 192-200. (4800)
- Undulant fever in Illinois: case histories, epidemiology, and recent prevalence in Illinois. *Ill. Dept. Pub. Health, Educ. Circ.* 49. (9000)

With V. M. Ryan and M. Boyer:

- Motility in the examination for *B. typhosus* and related pathogens. *Proc. Soc. Exp. Biol. and Med.* 29:4:404-06. (560)

McGUIGAN, HUGH A.

(2) Articles:

With J. A. Higgins and P. L. Ewing:

- Effect of evaporation and radiation on nicotine solutions. *J. Pharm. and Exp. Therap.* XLII:2:213-16. (900)
- Slowing of the heart rate, due to irradiated synephrin, epinephrine, nicotine and related drugs. *Ibid.* XLIV:3:353-58. (550)

With P. L. Ewing and P. Blickensdorfer:

- Effect of ultra-violet rays on epinephrine and related products. *Ibid.* XLIII:1:125-29. (550)

McKENNA, CHARLES M.

(2) Articles:

- Traumatic lesions of the urogenital tract. *J. Urology.*
- Cancer of the penis and associated lymph nodes. *Trans. Amer. Assoc. Genito-Urinary Surg.*
- Vesico-vaginal fistula. *Bul. Chicago Med. Soc.*

McMUNN, R. L.

(2) Articles:

- Bridge-graft and save trunk-injured fruit trees. *Ill. Agr. Exp. Sta. Circ.* 381:1-20. (7000)
- Adaptation of fruits to Illinois. *Ill. Agr., Feb., 1932.* (1600)
- See also Dorsey, M. J.*

MADSON, WILLARD H.

(2) Articles:

- A study of the particle size of colloidal hydrous beryllium oxide sols. *J. Phys. Chem.* 36:855-59. (2475)

With F. C. Krauskopf:

- A study of the preparation and certain properties of arsenic triiodide. *Rec. Trav. Chem.* 50:1005-10. (2750)
- A study of the preparation and certain properties of colloidal hydrous beryllium oxide sols. *J. Phys. Chem.* 35:3237-58. (11,000)

MARSH, R. S.

(2) Articles:

Our Illinois program in orchard management. *Trans. Kentucky Hort. Soc.* 1931:30-38. (2000)

Reducing production costs in peach orchards. *Trans. Ill. Hort. Soc.* 1931:503-11. (1500)

MARVEL, CARL S.

(1) Books:

See Adams, Roger.

(2) Articles:

With Wallace Windus:

The resolution of synthetic methionine. *J. A. C. S.* 53:3490-94.

With D. W. Davis:

The stability of hexa-tertiary-alkylethynylethanes: the effect of increasing the weight of the alkyl groups. *Ibid.* 53:3840-51.

With J. Gail Stampfli:

Tetraphenyl-di-tertiary-butylethynylethane. *Ibid.* 53:4057-65. (4000)

With Tse-Tsing Chu:

Synthesis and characterization of 2,4-dimethylpentanol-1. *Ibid.* 53:4449. (450)

With D. Althausen:

The rearrangement of certain polyynes: the structure of the product obtained by the rearrangement of tetraphenyl-di-tertiary-butylethynylethane. *Ibid.* 54:1174-84. (5500)

With R. S. Sweet:

The reduction of acetylenic carbinols with titanium trichloride. *Ibid.* 54:1184-90. (3500)

MATHEWS, J. M.

(2) Articles:

Executive agreements. *Encyc. Soc. Sci.* V:685-86. (1000)

The United States and World Affairs. *Amer. Year Book* 1931: 44-52. (6000)

National and international relations of states. *Ibid.* 115-17. (2000)

State administration. *Ibid.* 124-26. (1500)

MAXWELL, WILLIAM K.

(3) Reviews:

Stemming from Jane Austen: *Loads of Love*, by Anne Parrish. *Books (N. Y. Her. Trib.)* 8:22:7. (500)

The child in the house: *A Childhood*, by Hans Carossa. *Ibid.* 8:31:2.

MAYS, ARTHUR B.

(2) Articles:

Training needs of industrial-arts teachers. *Proc. 22d Manual-Arts Conf. Miss. Vall. Coll. and Univ. (W. T. Bawden, Peoria, Ill., pub.)* pp. 15-16. (450)

The practical-arts courses and vocational choices. *Ind. Arts and Voc. Educ. Mag.* 21:4:107-09. (2000)

The practical-arts courses in the education of youth. *Education* 52:6:337-41. (2500)

MAYS, ARTHUR B.

(2) Articles (continued)

The practical arts and the growth of democracy. *Peabody J. Educ.* 9:4:195-99. (2000)

The practical arts and culture. *Ibid.* 9:5:297-300. (2000)

METCALF, C. L.

(1) Books:

With W. P. Flint:

Fundamentals of insect life. McGraw-Hill Book Co., N. Y. 1932. xi + 581 pp.

(2) Articles:

Black flies and other biting flies of the Adirondacks. *N. Y. State Museum Bul.* 289:1-58. (25,000)

With W. E. Sanderson:

Control of biting flies in the Adirondacks. *Ibid.* 289:59-75. (7500)

MEYER, JACOB

(2) Articles:

Primary carcinoma of the duodenum. *Arch. Int. Med.* 47:917-41.

With David H. Rosenberg:

Tumors of the suprarenal gland with special reference to carcinoma of the cortex. *Ibid.* 48:611-26.

With Gerald Frumess:

Carcinoma of the stomach. *Med. Clin. N. Amer.* 15:729-35.

MICHAEL, VIOLA M.

(2) Articles:

With Robert Graham:

Studies on incubator hygiene—I. Formalin fumigation. *Poultry Sci.* 11:2:110-16. (2800)

MICHAUD, REGIS

(1) Books:

With Fr. L. Schoell:

Henri Adams, Mon Education (traduction, introduction et notes). Boivin Co., Paris. 1932. 315 pp.

MILES, RUSSELL HANCOCK

(1) Books:

Sonata chromatics for organ. H. W. Gray Co., N. Y. (Novello) 1931. 25 pp.

MILLER, G. A.

(2) Articles:

Automorphisms of order 2 of an abelian group. *Proc. Nat. Acad. Sci.* 17:320-25. (2500)

Theorems relating to the history of mathematics. *Ibid.* 17:463-66. (1500)

Groups involving a small number of conjugates. *Ibid.* 17:691-94. (1800)

Sets of distinct group operators involving all the products but not all the squares. *Ibid.* 18:100-02. (1500)

MILLER, G. A.

(2) Articles (continued)

- A few desirable modifications in the literature of group theory. *An. Math.* 33:319-23. (2000)
 Representation of a group as a transitive permutation group. *Bul. Amer. Math. Soc.* 37:857-60. (1600)
 Complete sets of conjugates under a group. *Amer. J. Math.* 54:110-16. (3000)
 Theorems relating to pre-Grecian mathematics. *Amer. Math. Mo.* 38:496-500. (2500)
 The mathematical weakness of the early civilizations. *Sci. Mo.* 33:419-23. (2500)
 Twelve fundamental mathematical concepts. *Tohoku Math. J.* 34:230-35. (2400)
 Marginal notes on Sanford's short history of mathematics. *J. Indian Math. Soc.* 19:81-5. (2000)
 Group theory and the history of logarithms. *Ibid.* 19:169-72. (1500)
 Babylonian and Egyptian mathematics. *Sci. Progr.* 26:270-71. (500)
 A mathematical proof. *Science* 73:476. (500)
 A new mathematical review. *Ibid.* 74:366-67. (300)
 Definitions of a mathematical group. *Ibid.* 75:102-03. (700)
 Meaning of the word billion. *Sch. and Soc.* 33:591. (500)
 A new mathematical encyclopedia. *Ibid.* 34:756-58. (1000)

(3) Reviews:

- Enciclopedia delle matematiche elementari.* *Bul. Amer. Math. Soc.* 38:157-8. *Amer. Math. Mo.* 39:168-71. (1200)

MILLES, GEORGE

(2) Articles:

With William F. Petersen and E. F. Müller:

- Über Änderungen des Kalium-Calcium-Quotienten der Lymphe bei experimenteller Sepsis. *Zeit. f. Ges. Exp. Med.* 60:336.
 New technic for roentgenographic study of renal vessels. *Proc. Soc. Exp. Biol. and Med.* XXVIII:351.
 Studies in renal denervation—I. Roentgenographic demonstration of vascular alteration. *Ibid.* XXVIII:354.
 Renal denervation—II. Vascular changes induced in the intact and denervated kidney by rattlesnake venom. *Ibid.* XXVIII:561.
 Renal denervation: the effect of snake venom and chilling on the renal vascularization. *Arch. Path.* 1932:233.

With P. Hurwitz:

- Effect of hypertonic solutions on cerebrospinal fluid pressure with special reference to secondary rises and toxicity. *Proc. Soc. Exp. Biol. and Med.* XXVIII:1064.
 Effect of hypertonic solutions on cerebrospinal fluid pressure. *Arch. Surg.* 24:591.

With J. D. Koucky:

- Carcinoma of the hepatic duct. *An. Surg.* 45:468.

MILUM, V. G.

(1) Books and periodicals edited:

- Ill. State Beekeepers' Assoc.*, 30-31st *An. Rpt.* 1932. 236 pp.
Ill. State Beekeepers' Assoc. *Bul.* 10:17-44; 11:1-8.
American Honey Producer. 5:17-112.
American Honey Producers' League, *An. Rpt.* 1932. 80 pp.

MILUM, V. G. (continued)

(2) Articles:

- The honey bee's span of life. *Beekeeper* 39:65-67, 79-81. (5500)
The developmental period of the honey bee. *Connecticut Honey Bee* 3:8-10; 4:7. (2400)
Life insurance high for worker bees. *Ibid.* 4:2, 5. (650)
Advantages of organization. *Gleanings in Bee Culture* 60:36-37. (450)
The American Honey Producers' League. *Beekeepers' Item* 16:5-6. (1000)
Successful national meetings of beekeepers. *Bees and Honey* 13:51-52. (1200)

(3) Reviews:

- Honey in frozen delicacies: Making frozen delicacies at home, by P. H. Tracy. *Amer. Bee J.* 71:547. (350)

MITCHELL, DAVID RAY

(2) Articles:

- The future of mining engineering. *Technograph*, Dec., 1931. (3000)
Assisted in revision of Parr's Fuel, Gas, Water, and Lubricants, 4th ed., 1932.

MITCHELL, H. H.

(2) Articles:

- Cysteine and taurine as substituents for cystine in nutrition. *J. Nutr.* IV:1:95-104. (5000)
Some essentials of a good nutrition experiment. *Ibid.* IV:4:525-38. (6000)

With L. E. Card and T. S. Hamilton:

- A technical study of the growth of white leghorn chickens. *Ill. Agr. Exp. Sta. Bul.* 367:83-139. (17,500)

With W. E. Carroll, T. S. Hamilton, and G. E. Hunt:

- Food requirements of pregnancy in swine. *Ibid.* 375:467-504. (13,000)

With T. S. Hamilton:

- The nutritive value for growing swine of the proteins of linseed meal and of cottonseed meal, both alone and in combination with the proteins of corn. *J. Agr. Res.* 43:8:743-48. (1000)

With D. B. Smuts:

- The amino acid deficiencies of beef, wheat, corn, oats, and soybeans for growth in the white rat. *J. Biol. Chem.* XCV:1:263-81. (3500)

With D. B. Smuts and T. S. Hamilton:

- The relation between dietary cystine and the growth and cystine content of hair in the rat. *Ibid.* XCV:1:283-95. (3500)

MOINAT, A. D.

(2) Articles:

- Available water and the wilting of plants. *Plant Physiol.* 7:1:35-46. (5000)

MONROE, WALTER S.

(2) Articles:

What is good teaching? *Peabody Reflector and Alumni News* 4:161-62.

Summary of research relating to the teaching of the social studies. *Rev. Educ. Res.* 2:43-46. (1600)

With M. D. Engelhart:

A critical summary of research relating to the teaching of arithmetic. *U. of Ill. Bur. Educ. Res. Bul.* 58. (42,000)

(3) Reviews:

Practices of universities in granting higher degrees in education, by Frank N. Freeman. *J. Higher Educ.* 2:352-53. (300)

Survey of land grant colleges and universities. *Ibid.* Oct., 1931. (800)

MORA, JACOB MORTON

(2) Articles:

Thyroidectomy for thyrotoxicosis in patients beyond the fiftieth year. *Ill. Med. J.* 59:338. (2000)

With E. I. Greene:

Thyroidectomy for thyrotoxicosis in the young. *Surg., Gen., and Obstet.* 53:375-78. (3000)

MOREY, LLOYD

(2) Articles:

Accounting procedures for universities and colleges. *Acct. Rev.* 7:1:54-60. (4000)

Standard financial reports for colleges and universities. *Assoc. Univ. and Coll. Bus. Off.* 21st An. Meet., pp. 20-30. (4500)

Monthly editorials. *Educ. Bus. Mgr. and Buyer.* 8:5-12; 9:1-4. (2500)

MORRISON, SHERMAN W.

(2) Articles:

A study of the Borntraeger color reaction and therapeutic activity of cascara sagrada. *J. A. Ph. A.* XX:12:1276-81. (2400)

MOSHER, M. L., *see* Case, H. C. M.

MURPHY, FRANK G.

(2) Articles:

Observations derived from twenty-one consecutive cases of fracture involving the hip. *Ill. Med. J.* LX:5:425. *Internat. J. Med. and Surg.* 44:8:367. (2600)

MURPHY, LAWRENCE W.

(2) Articles:

Professional and non-professional teaching of journalism. *Journ. Qt.* 9:1:46-60. (4500)

An interesting career. *Nat. Printer-Journ.* 49:8:62, 92. (1550)

Research in the news. *Ibid.* 49:9:44, 96; 49:10:10, 36-37. (3000)

A great teacher. *Ibid.* 49:11:48, 88; 49:12:64, 92-93; 50:1:46, 92-94. (6000)

MURPHY, LAWRENCE W.

(2) Articles (continued)

Presidential address to A. A. T. J. *Ibid.* 50:2:56, 96; 50:3:54, 96;
50:4:56, 94. (5000)

Chain organizations in the weekly field. *Ibid.* 49:8:27. (2000)

Past presidents of the Illinois Press Association. *Pub. Auxil.*
67:4:1. (1500)

(3) Reviews:

Labor in the news, by Dickinson. *Nat. Printer-Journ.* 49:5:78,
82, 84. (2500)

The church news problem, by Norton. *Ibid.* 49:7:62. (1200)

MYLONAS, GEORGE E.

(2) Articles:

The prehistoric inhabitants of Hellas and the historic Hellenic
tribes. *Ephemeris Archaeologike*, 1930 (circulated in Dec.,
1931), pp. 1-29. (11,000)

Minyan ware and the prehistoric periods of Macedonia. *Praktika*
of the Academy of Athens, 1931. VI:106-13. (2500)

The prehistoric cemetery and the settlement of Hagios Kosmas.
Med. (Anthropol.) J. of Greece, 1932, pp. 31-44. (5000)

NEDZEL, A. J.

(2) Articles:

Leucocytic concentration in skin and trachea following external
application of heat and cold. *Proc. Soc. Exp. Biol. and Med.*
29:402-03. (425)

See also Arnold, Lloyd.

NEVENS, WILLIAM BARBOUR

(2) Articles:

Feeding the dairy herd. *Ill. Agr. Exp. Sta. Circ.* 372:1-52.

See also Rusk, H. P.

NEWCOMB, REXFORD

(1) Books:

Outlines of history of architecture. Part I—Ancient architecture.
John Wiley and Sons, N. Y. 1931. 176 pp.

With W. A. Foster:

Home architecture. John Wiley and Sons, N. Y. 1932. 384 pp.

(2) Articles:

The evolution of the Spanish house. In "Better Homes Manual,"
ed. by Blanche Halbert, U. of Chicago Press. 1931. pp. 141-45.
(1750)

Architecture and landscape architecture should be interdependent.
Ibid. pp. 105-08. (1150)

A brief history of rural architecture in the United States. Special
paper E., App. VIII, of the Com. on Farm and Village Housing,
President's Conf. on Home Building, pp. 1-32, i-vi. Washington,
D. C. 1931. (10,500)

Lincoln made many trips to Urbana. *Daily Illini*, Feb. 14, 1932.
(1300)

Architecture. *World Book Encyc. An. for 1931*, pp. 17-19. (1600)

NICHOLSON, ALFRED

(1) Books:

Cimabue, a critical study. Princeton Univ. Press. 1932. 60 pp., with 60 pl.

(2) Articles:

A Valencian Madonna of the early fifteenth century. *Art in Amer.*, Feb., 1932, pp. 60-67. (1800)

NORTON, E. A., *see* Smith, R. S.

NORTON, L. J.

(2) Articles:

Financial results of the operation of Illinois farmers' elevators in 1929 and 1930. *Ill. Agr. Exp. Sta., Div. Agr. Econ., Mimeo.* 8. 16 pp. (4000)

Present price situation and its background. *Ill. Agr. Exp. Sta., Agr. Adjust. Conf. Bk.* 32 pp. (12,000)

An evaluation of possible adjustments in the general situation. *Ibid.* 8 pp. (300)

With R. C. Ross:

Farm prices and how they are made. *Ibid.* 39 pp. (14,000)

See also Stewart, C. L., and Case, H. C. M.

NOYES, WILLIAM A.

(2) Articles:

The interaction between nitrogen trichloride and nitric oxide at -150° . III. Interaction of nitric oxide and chlorine at -80° and -150° . *J. A. C. S.* 53:2137-43. (3200)

The uncertainty principle and free will. *Science* 74:595-96. (330)

Die Elektronenstruktur des Stickdioxid. *Zeit. Elektrochemie*, 1931, pp. 569-71. (1600)

Oxydation und Reduktion als Elektronenvorgänge. *Zeit. angew. Chem.* 44:893-96. (3000)

Reconstruction in 1931. *Johns Hopkins Alumni Mag.* 20:133-41. (4500)

War or Peace? *Qt. J. Relig., Sci., and Phil.*, Apr., 1932, pp. 29-35. (2200)

O'CONOR, VINCENT J.

(2) Articles:

Genito-urinary review. In "Progressive Medicine." J. B. Lippincott Co., Phila., Dec., 1931. (8000)

Bladder neck resection by a combined method. *Urologic and Cutaneous Rev. (St. Louis)*, Mar., 1932, 3 pp.

Functional incontinence of urine in women. *Trans. Amer. Assoc. Genito-Urin. Surg.*, 1931, pp. 341-44.

Antivirus therapy in colon bacillus infections of the urinary tract. *Ibid.* pp. 213-20.

(3) Reviews:

Surgical pathology of the genito-urinary organs, by Arthur E. Hertzler. *Surg., Gyn., and Obstet.* LIV:6:975. (300)

ODELL, C. W.

(2) Articles:

Still more about scoring rearrangement or continuity tests. *School Rev.* 39:542-46. (1250)

ODELL, C. W.

(2) Articles (continued)

Provisions for mentally atypical pupils. U. of Ill. Bur. Educ. Res. Bul. 59. (25,000)

Further data concerning the effect of weighting exercises in new-type examinations. J. Educ. Psych. 22:700-04. (1500)

Special school features reported by Illinois superintendents and principals. U. of Ill. Bur. Educ. Res. Circ. 56. (3300)

Tests in literature. Proc. H. S. Conf., U. of Ill. Bul. 29:36:96-100. (4000)

Standardized and other tests in physics. *Ibid.* 29:36:292-96. (3200)

With L. A. Astell:

High school science clubs. U. of Ill. Bur. Educ. Res. Bul. 60. (30,000)

With A. W. Clevenger:

High-school libraries in Illinois. *Ibid.* 57. (13,500)

O'DONNELL, THOMAS E.

(2) Articles:

An outline of the history of architecture in Illinois. Trans. Ill. State Hist. Soc. 38:127-42. (10,000)

OLDFATHER, W. A.

(2) Articles:

Lokris and Lokrians. Real-Encyclopädie der classischen Altertumswissenschaft IV:A1; XV:2. (3800)

Livy, Appian, Caesar, Dio Cassius, and Suetonius. Allison-Fay-Shearer-Shipman Guide to Hist. Lit. (1500)

An early "glider." Latin Notes 9:7:6. (200)

A Greek boy's letter. Fragmenta Latina (Ft. Wayne, Ind.) 13:2.

(3) Reviews:

Études topographiques sur la Messénie ancienne, by M. N. Valmin. Amer. J. Arch. 25:4:484-86.

OLKON, D. M.

(2) Articles:

Genuine epilepsy. Assoc. Res. Nerv. and Ment. Dis., Res. Pub. VII:407-24. (3000)

Epilepsy of the angio spastic variety of monozygotic twins. Arch. Neurol. and Psych. 25:1111-18. (1900)

A unique type of speech disturbance in epidemic encephalitis. *Ibid.* 27:172-74. (800)

OLSON, FRED C.

(2) Articles:

With William J. Loeffel and Ray R. Thalman:

Studies of rickets in swine. Neb. Agr. Exp. Sta. Res. Bul. 58:1-67. (30,000)

See also Bull, Sleeter.

OLSON, SIGURD F.

(2) Articles:

The bluebills are coming. Sports Afeld, Sept.-Oct., 1931. (4000)

Papette. *Ibid.*, Jan.-Feb., 1932. (7500)

OLSON, SIGURD F.

(2) Articles (continued)

Search for the wild. *Ibid.*, May-June, 1932. (3500)

Fish-eating deer. *J. Mammal.*, Feb., 1932. (800)

OUTHOUSE, JULIA

(2) Articles:

With Armstrong, Woodruff, and Barto:

Some ways of cooking and using whole and cracked wheat. *Ill. Agr. Exp. Sta. Circ.* 382. 12 pp.

OVERMAN, O. R.

(2) Articles:

Some methods for detecting adulteration in dairy products. *Ice Cream Trade J.*, Sept., 1931, pp. 55-57. (2400)

With K. E. Wright:

Action du cuivre, de l'acide lactique et de la température sur l'auto-oxydation de la matière grasse du beurre et du saindoux. *Le Lait* 11:564-70. (2100)

With O. F. Garrett:

Les exigences de la matière grasse du beurre en permanganate. *Ibid.* 12:81-88. (2200)

The Babcock test for fat in milk. *Ill. Agr. Exp. Sta. Circ.* 390. (1600)

PARK, ORLANDO

(2) Articles:

Abnormal antenna in Eleodes. *Ent. News* 42:112-13. (400)

Abnormal antenna in Trigidion. *Ibid.* 43:18-19. (400)

The myrmecocolles of *Lasius umbratus mixtus aphidicola* Walsh. *An. Ent. Soc. Amer.* 25:77-88. (4200)

With John A. Lockett and Dwight J. Myers:

Studies in nocturnal ecology with special reference to climax forest. *Ecology* 12:709-27. (8700)

PARMELEE, C. W.

(2) Articles:

With T. N. McVay:

An investigation of the properties of some feldspars. *Ill. Eng. Exp. Sta. Bul.* 233. (6400)

With A. Ally:

Some properties of chrome spinel. *J. Amer. Cer. Soc.* 15:213-25. (2700)

See also Kraehenbuehl, John O.

PARRY, JOHN J.

(1) Books:

A bibliography of critical Arthurian literature for the years 1922-29. *Mod. Lang. Assoc. Amer.*, N. Y. 1931. 1 + 59 pp.

(2) Articles:

Further comment on Randolph's text. *Mod. Lang. Notes* XLVI: 510-12. (550)

A variant version of Geoffrey of Monmouth's *Historia*. A misc. of studies in Rom. Lang. and Lit. presented to Leon E. Kastner (Cambridge, England, 1932), pp. 384-89. (3000)

PARRY, JOHN J.

(2) Articles (continued)

With Margaret Schlauch and Barbara Matulka:

Arthurian bibliography for 1931. *Mod. Lang. Assoc. Amer.*
(Mimeographed by New York Univ.) 12 pp.

(3) Reviews:

Lancelot and Guenevere, by T. P. Cross and W. A. Nitze. *Speculum*
VI:482-83. (800)

Le Poeme du Gral et ses Auteurs, by Maurice Wilmotte. *Ibid.*
VII:439-44. (800)

The drinking academy, a play by Thomas Randolph. *J. Engl. and*
Germ. Philol. XXX:439. (800)

PAUL, H. G.

(1) Books:

With W. D. Miller:

Language goals. Lyons and Carnahan, Chicago. 1931. Book IV,
xi + 218 pp. Book V, xiii + 210 pp.

(2) Articles:

Cooperation in learning English. *Ill. Assoc. Teach. Engl. Bul.*
XXIV:1:1-15. (5300)

Minimum requirements. *Ibid.* XXIV:3:15-16. (300)

Letters requiring tact. *Ibid.* XXIV:4:1-13. (3300)

The study of the novel. *Ibid.* XXIV:8:1-35. (12,500)

The teacher of science and the language problem. *Sch. Sci. Math.*
XXXI:6:652-64. (4000)

PEASE, THEODORE C.

(2) Articles:

Hardin, John J. *Dict. Amer. Biog.* 8:246. (500)

Herndon, William Henry. *Ibid.* 8:579. (600)

(3) Reviews:

The religious background of American culture, by Thomas C. Hall.
Miss. Vall. Hist. Rev. 18:1:127-28. (500)

Diary of William Sewall (1797-1846), ed. by John Goodell. *Ibid.*
18:3:402. (300)

Religion on the American frontier—The Baptists 1783-1830, by
William W. Sweet. *Ibid.* 18:3:404-05. (500)

Fifty years of party warfare, by William O. Lynch. *Ibid.* 18:3:405.

PERLSTEIN, MINNIE OBOLER, *see* Wien, Max S.

PETERSEN, WILLIAM F.

(2) Articles:

Constitution and disease. *Physiol. Rev.* XII:283.

See also Milles, George.

PHIPPS, THOMAS ERWIN

(2) Articles:

With O. Stern:

Über die Einstellung der Richtungsquantelung. *Zeitschrift für*
Physik. 73:185-91. (2500)

With E. J. Shaw:

Magnetic moment of the diatomic sulfur molecule. *Phys. Rev.*
38:1:174-78. (1200)

PICKELS, GEORGE WELLINGTON

(2) Articles:

Run-off investigations in central Illinois. Ill. Eng. Exp. Sta. Bul. 232. 131 pp.

PICKENS, LOUISE M., *see* Keeton, Robert.

PIEPER, JOHN J.

(2) Articles:

The physiological behavior of regional strains of potatoes. J. Amer. Soc. Agron. 24:4:300-11. (2700)

New recommendations in seeding soybeans. Proc. Amer. Soybean Assoc. III:57-59. (950)

Interest in Lespedeza grows. Ill. Agr. XXXVI:7:99, 111. (1750)

PILOT, ISADORE

(2) Articles:

Polyarthrititis complicating tonsillitis due to hemolytic streptococci. Med. Clin. N. Amer. 15:774-84.

Skin reactions with *Staphylococcus aureus*. J. Allergy 111:86.

Throat infection due to hemolytic streptococci and their relation to arthritis and arthralgia. Arch. Otolaryng. 15:71-80.

Tonsillitis and its sequelae. Clin. Surg. and Med. 39:112-114.

With I. M. Levin:

Native infestation with *Diphylobothrium latum* (fish tapeworm)—report of five cases in children. Amer. J. Med. Sci. 181:710-14.

With A. J. Kobak:

Skin reactivity of mother and infants to *Staphylococcus aureus*—filtrate and vaccine. Proc. Soc. Exp. Biol. and Med. 28:584-86.

With Mary Spivack:

Cystic fibroid with twisted pedicle, simulating an ovarian cyst. Amer. J. Obstet. and Gyn. 23:77-83.

See also Davis, D. J.

POGGI, E. MURIEL

(2) Articles:

Settlement and development of the prairie province of Illinois. Trans. Ill. Acad. Sci. 24:2:401-09. (3000)

POLSON, J. A.

(2) Articles:

With Joseph G. Lowther:

The flow of air through circular orifices in thin plates. Ill. Eng. Exp. Sta. Bul. 240.

PORTER, FRANCIS MARION

(1) Books:

With James Thoburn Lendrum:

Architectural projections. Edwards Bros., Ann Arbor, Mich. 1931. 44 pp.

POTTHOFF, EDWARD F.

(2) Articles:

Who goes to college—the selective character of education at the college level. J. Higher Educ. II:294-97. (1800)

POTTHOFF, EDWARD F.

(2) Articles (continued)

A comparison of three methods of computing composite scores.
J. Educ. Res. XXIV:224-27. (1700)

The psychology of arithmetic in the light of recent experimentation.
Trans. Ill. Acad. Sci. XXIV:524-27. (1900)

With N. E. Barnett:

A comparison of marks based upon weighted and unweighted items
in a new-type test. J. Educ. Psych. XXIII:92-98. (3200)

PUESTOW, CHARLES B.

(2) Articles:

The discharge of bile into the duodenum, an experimental study.
Arch. Surg. 23:1013-29.

The activity of isolated intestinal segments. *Ibid.* 24:565-73.

Complete separation of the mucosa of the gallbladder from over-
lying structures: report of a case. Ill. Med. J. 61:204-05.

Simultaneous electrograms and myograms from isolated intestinal
segments in unanaesthetized dog. Proc. Soc. Exp. Biol. and
Med. 29:901-02.

PUNKE, HAROLD H.

(2) Articles:

The folk high school and other recently developed institutions in
German adult education. Sch. Rev. XXXIX:9:696-706. (3700)

RAGINS, OSCAR B., *see* Lewison, Maurice.

RANDALL, J. G.

(2) Articles:

George Washington and "entangling alliances." S. Atlantic Qt.
30:3:221-29. (3300)

(3) Reviews:

Lincoln the politician, by Don C. Seitz. Miss. Vall. Hist. Rev.
18:3:411-12. (350)

RAYNER, WILLIAM HORACE

(2) Articles:

The telescopes of surveying instruments. Ill. Eng. VII:6. (2000)

REAGAN, G. W.

(1) Books:

Fundamentals of teaching. Scott, Foresman, and Co., Chicago.
1932. 554 pp.

REED, CARLOS I.

(2) Articles:

A frontier physician. Amer. Med. Hist. 3:3:296-99. (1800)

William Beaumont. Ill. Med. J. 40:66-68. (1400)

The history of the development of physiology in the United States.
Ibid. 41:3:220-26. (4600)

Animal experimentation. Ill. Health Qt. 3:203. (4000)

With A. Bachem:

Skin and radiation. Arch. Phys. Ther., X-ray, Radium. 12:1-10.
(7000)

REED, JOHN C., *see* Ambrosius, Edgar E.

REEDY, J. H.

(1) Books:

Industrial General Chemistry, rev. ed. Service Press, Champaign, Ill. 1931. 383 pp.

(2) Articles:

The mode of oxidation of organic acids. Trans. Ill. Acad. Sci. 24:2:262-5. (1100)

(3) Reviews:

Chemical calculations, by J. S. Long and H. V. Anderson. J. Chem. Educ. IX:5:968. (125)

Abstracts of 20 articles in various chemical journals. Chem. Abstr. 25 and 26. (2000)

REICH, HERBERT J.

(2) Articles:

A self-stopping D. C. thyatron circuit. Electronics 3:6:240. (675)

With G. S. Marvin and K. A. Stoll:

Vacuum tube voltmeter of high sensitivity. *Ibid.* 3:3:109-11. (1750)

With G. S. Marvin:

A photoelectric method for testing camera shutters. Rev. Sci. Instr. 2:12:814-17. (775)

RICH, GILBERT J.

(2) Articles:

Intelligence and body chemistry. Science 74:1905:21-22. (600)

RICHART, F. E.

(1) Books:

With F. B. Seely:

Chapters XII, XIII, XIV in "Advanced Mechanics of Materials." John Wiley and Sons, N. Y. 1932. 243-85.

(2) Articles:

Stresses and strains in reinforced concrete columns. New Internat. Assoc. Test. Mat. (Zurich, Switzerland.) Preprint, 1931, pp. 1-28. (18,000)

The structural performance of concrete masonry walls. J. Amer. Concrete Instit. 3:6:363-85. (6000)

With G. C. Staehle:

Third progress report on column tests at U. of Ill. *Ibid.* 3:3:167-75. (4000)

Fourth progress report on column tests at U. of Ill. *Ibid.* 3:5:279-315. (16,000)

With V. P. Jensen:

Tests of plain and reinforced concrete made with haydite aggregates. Ill. Eng. Exp. Sta. Bul. 237:1-82. (37,000)

With P. M. Woodworth and R. B. B. Moorman:

Tests of the stability of concrete masonry walls. Proc. A. S. T. M. 31:2:661-80, 687-89. (10,000)

Stability of concrete masonry walls. Concrete 39:2:15. (2000)

Behavior of concrete masonry units in wall construction. Concrete Prod. XL:7:12-16. (6000)

RICHTER, OSCAR

(2) Articles:

With Arthur E. Meyer and A. C. Ivy:

Treatment of pernicious anemia with horse liver extract. *J. A. M. A.* 98:19:1623-25. (1500)

ROBERTS, ELMER

(2) Articles:

A new mutation in the house mouse. *Science* 74:1927:569. (200)

With L. E. Card:

Further studies on the inheritance of resistance to bacterial infection. *Anatom. Rec.* 51:1:118-19. (300)

With W. E. Carroll:

The inheritance of "hairlessness" in swine. *J. Hered.* XXII:4:125-32. (1600)

ROBINSON, ANNA BELLE

(2) Articles:

The Dalton plan in a freshmen clothing course. *J. Home Econ.* 23:9:837-40. (1000)

ROBINSON, FLORENCE B.

(1) Books:

Tabular keys to deciduous trees. *U. of Ill. Info. Off.* (mimeo.) 43 pp.

Tabular keys to deciduous shrubs and to conifers. *U. of Ill. Info. Off.* (mimeo.) 62 pp.

(2) Articles:

Shrubs in the landscape. *Amer. Lands. Arch.*, Jan., 1932, pp. 18-21. (2400)

A new approach to planting design. *Ibid.* Apr., 1932, pp. 26-30. (2300)

RODEBUSH, W. H.

(2) Articles:

Molecular rays. *Rev. Mod. Phys.* 3:392-411. (7600)

The calculation of chemical equilibrium from spectroscopic data. *Chem. Rev.* IX:319-46. (8000)

The entropy of nitrous oxide and carbon dioxide. *Phys. Rev.* 40:113. (150)

With John DeVries:

The dipole moment of semi-polar bonds. *J. A. C. S.* 53:2888. (2000)

With R. H. Ewart:

The effect of the solvent upon the activity of acids. *Ibid.* 54:419-23. (2000)

With W. F. Henry:

Molecular beams of salt vapors. *Phys. Rev.* 39:386. (150)

RODKEY, F. S.

(3) Reviews:

Social sciences in the Balkans and in Turkey: a survey of resources for study and research in these fields of knowledge, by Robert Joseph Kerner. *J. Mod. Hist.* III:2:335-36. (500)

RODKEY, F. S.

(2) Articles (continued)

Aus der historischen Wissenschaft der Soviet-Union: Vorträge ihrer Vertreter während der "Russischen Historikerwoche," veranstaltet in Berlin 1928 von der Deutschen Gesellschaft zum Studium Osteuropas, ed. by Otto Hoetzsch. *Ibid.* III:2:336-37. (500)

The question of Greek independence: A study of British policy in the Near East, 1821-1833, by C. W. Crawley. *Amer. Hist. Rev.* XXXVI:4:813-14. (400)

England, Russia, and the straits question, 1844-1856, by Vernon John Puryear. *Ibid.* XXXVII:3:597-98. (500)

ROGERS, DELLA MAE

(2) Articles:

Development of the modern business budget. *J. Acct.* 53:3:186-205. (7600)

ROSE, WM. C.

(2) Articles:

Dietary facts and fads. *Ind. Eng. Chem.* 23:711-717. (8500)

The amino acids in nutrition. *Yale J. Biol. and Med.* 4:519-536. (6000)

The relation of the amino acids to nutrition and growth. Chapter in "Nutrition" volume, Report of the White House Conference on Child Health and Protection. The Century Co., N. Y. 1932. pp. 42-59. (5200)

The metabolism of the sugars. *Ibid.* pp. 79-89. (3500)

Feeding experiments with mixtures of highly purified amino acids—
I. The inadequacy of diets containing nineteen amino acids. *J. Biol. Chem.* 94:155-165. (3800)

With R. H. Ellis:

Feeding experiments with mixtures of highly purified amino acids—
II. The supplementing effect of proteins. *Ibid.* 94:167-171. (2000)

With W. Windus and F. L. Catherwood:

Feeding experiments with mixtures of highly purified amino acids—
III. The supplementing effect of casein fractions. *Ibid.* 94:173-184. (3900)

RUCH, FLOYD L.

(2) Articles:

The differentiative effects of age on human learning. *Stanford Univ. Bul.* 6:153-55. (1000)

RUEHE, H. A.

(2) Articles:

Side lights on the World's Dairy Congress. *Milk Plant Mo.* XX:10:53-54. (700)

Making strawberry ice cream. *Ice Cream Trade J.* XXVII:12:55-56. (1400)

How to obtain the maximum results from the refrigeration system. *Ibid.* XXVIII:3:35-36. (1300)

Quality in dairy products. 58th An. Conv. Ill. State Dairymen's Assoc., pp. 40-47. (2500)

RUEHE, H. A.

(2) Articles (continued)

With M. J. Prucha and J. M. Brannon:

Effect of carbonation on bacterial content and keeping quality of dairy products. Ill. Agr. Exp. Sta. Bul. 368:143-64. (4800)

With P. H. Tracy:

Character of certain defects in flavor of market milk. Milk Plant Mo. XXI:2:52-54. (1300)

Flavor development in market milk. J. Dairy Sci. 14:3:250-67. (6000)

With P. H. Tracy and R. J. Ramsey:

Flavor defects in strawberry ice cream. Ice Cream Rev. 15:6:36-37. (500)

RUSK, H. P.

(2) Articles:

With W. B. Nevens, W. G. Kammlade, J. L. Edmonds, C. W. Crawford, W. E. Carroll, and H. J. Sloan:

Utilizing the soybean crop in livestock feeding. Ill. Agr. Exp. Sta. Circ. 369. 44 pp.

RUTH, W. A.

(2) Articles:

Experimental results in the pruning of bearing trees. Proc. Amer. Pomol. Soc. 94; Proc. Ohio State Hort. Soc. 65:59-62. (1600)

With V. W. Kelley:

A study of the framework of the apple tree and its relation to longevity. Ill. Agr. Exp. Sta. Bul. 376:509-636. (55,000)

With G. V. Falkenberg:

The effects of humidity and temperature upon the wetting of peach shoots. Proc. Amer. Soc. Hort. Sci. 28:657-62. (2900)

See also Anderson, H. W.

SANDFORD, WILLIAM P.

(1) Books:

English theories of public address, 1530-1828. H. L. Hedrick, Columbus, Ohio. 1931. (mimeo.) 211 pp.

(2) Articles:

Some notes on the teaching of business speech. Qt. J. Speech XVII:4:451-58. (3000)

The case for training in business speaking. Chapter in "Speech Education in a Democracy," by W. A. Cable. Expression Co., Boston. 1932. pp. 269-78. (3500)

Introduction to "Radio Speech," by Sherman P. Lawton. Expression Co., Boston. 1932. pp. xix-xxi. (750)

Modern uses of an ancient art. Proc. H. S. Conf., U. of Ill. Bul. 29:36:91-95. (3000)

(3) Reviews:

Projects in speech for a foundation course, by A. H. Monroe and P. E. Lull. Qt. J. Speech XVII:3:424. (400)

SAPHIR, OTTO

(2) Articles:

Syphilitic myocarditis. *Arch. Path.* 13:266-95, 436-61.

With S. A. Wile:

Migratory peritonitis. *Amer. J. Dis. Children* 43:610-31.

SARKISSIAN, A. O.

(2) Articles:

Political upheaval in England (in Armenian). *Gotchnag*, Aug. 19, 1931, pp. 906-07. (1400)

The youth and the outlook. *Massis*, Aug.-Oct., 1931, pp. 221-23. (1600)

(3) Reviews:

Story of the Near East Relief, by G. Barton. *Cur. Hist.*, June, 1931, pp. xxiv-xxv. (420); *Hist. Outlook*, Nov., 1931, pp. 362-63. (680)

Abstracts of twenty-four articles (done into English from Armenian, French, and German). *Soc. Sci. Abstr.* III and IV. (2200)

SARMA, P. J.

(2) Articles:

Abdominal incisions—collected papers of the medical staff of the Ravenswood hospital, Chicago, 1930 (pub. Sept., 1931), pp. 17-23.

The Hindu medicine and its antiquity. *An. Med. Hist.* III:3:318-25.

SAUNDERS, ALTA GWINN

(2) Articles:

Training business correspondents, *J. Nat. Com. Teach. Fed.* V:2. (4000)

With C. R. Anderson:

Operation reports. *Amer. Bus. Pract.* IV:2368-2384. Ronald Press, N. Y. 1931.

SAVAGE, T. E.

(2) Articles:

The Devonian fauna of Kentucky. In "a symposium on the paleontology of Kentucky." *Kentucky Geol. Surv.* (ser. 6) 36: 216-47. (7000)

With A. H. Sutton:

Age of the black shale in southcentral Kentucky. *Amer. J. Sci.* 5th series. 22:131:441-48. (2000)

SCHLATTER, CHARLES F.

(1) Books:

Advanced cost accounting. U. of Ill. Info. Off. 1931. (mimeo.) 152 pp.

(2) Articles:

Zur Theorie der Standardkosten. *Betriebswirtschaft* (Stuttgart) 24:12:344-49. (2200)

Das Verfahren der Standardkosten an Hand eines praktischen Beispiels. *Ibid.* 25:1:12-17; 2:43-46. (3200)

SCHNEBLY, MERRILL L.

(2) Articles:

Some problems under the Illinois statute against accumulations. *Ill. Law Rev.* 26:5:491-515. (15,000)

SCHOUR, ISAAC

(2) Articles:

The teeth. In "Special Cytology," 2d ed. Paul B. Hoeber, N. Y. I:67-103. (10,500)

With H. B. Van Dyke:

Effect of hypophysectomy on the incisor of the rat. Proc. Soc. Exp. Biol. and Med. 28:934-35. (450)

Effect of replacement therapy on eruption of the incisor of the hypophysectomized rat. *Ibid.* 29:378-82. (1000)

Effect of hypophysectomy on the molar of the rat. *Ibid.* 29:688-89. (450)

Histologic changes in the rat incisor following hypophysectomy. J. Dent. Res. 11:873-75. (550)

SCHUBERT, CARL E., *see* Casberg, C. H.

SCHULTZ, LOUIS

(2) Articles:

Spontaneous amputation of the tongue. Ill. Med. J. LIX:5:402-04.

SEARS, O. H.

(2) Articles:

Inoculating soybeans. Proc. Amer. Soybean Assoc. III:74-77. (1200)

SEELY, F. B.

(1) Books:

Advanced mechanics of materials. John Wiley and Sons, N. Y. 1932. 331 pp.

(2) Articles:

Ideal and practical (test) relations between elasticity and plasticity, tenacity and brittleness. New Internat. Soc. Test. Mat. (Zurich, Switzerland), 1931. (1700)

Proposed definitions of terms relating to methods of testing. Proc. A. S. T. M. 31:1; 602-04.

SELLING, LOWELL S.

(2) Articles:

The autobiography as a psychiatric technique. Amer. J. Orthopsychiat. II:2:162-71.

SEYBOLT, ROBERT FRANCIS

(2) Articles:

A note on the casualties of April 19 and June 17, 1775. New England Qt. IV:3:525-28.

Governor Trumbull addresses the Assembly. *Ibid.* IV:4:793-94.

A contemporary British account of General Sir William Howe's military operations in 1777. Proc. Amer. Antiquar. Soc. XL (n.s., pt. 1):69-92.

Hebrew in the schools of colonial America. Pubs. Amer. Jew. Hist. 32:113-14.

Theophilus Grew. Dict. Amer. Biog. VII:609-10.

SHAW, JAMES B.

(2) Articles:

The quest of beauty. *Open Court* 45:9:904 ff. (10,000)

SHEDD, THOMAS C.

(1) Books:

With Jamison Vawter:

Theory of simple structures. John Wiley and Sons, N. Y. 1931. 345 pp.

(2) Articles:

Discussion of "Moment distribution," by Hardy Cross. *Proc. A. S. C. E.* 57:7:1061-62. (550)

SHELFORD, VICTOR E.

(2) Articles:

Concepts of bioecology. *Ecology* 12:455-67. (6500)

Basic principles of the classification of communities. *Ibid.* 13:105-20. (7500)

Study of plant and animal communities. *Ibid.* 13:202-04. (1200)

The chinch bug in relation to climate and weather. *Ill. Nat. Hist. Surv. Bul.* 29:487-547.

Nature sanctuaries. *Science* 75:481. (300)

SHEPARD, FRANCIS P.

(2) Articles:

Glacial troughs of the continental shelves. *J. Geol.* 39:345-60. (5000)

Submarine valleys of Georges Bank. *Bul. Assoc. Field Eng.* 3:87-89. (1560)

Saint Lawrence (Cabot Strait) submarine trough. *Geol. Soc. Amer. Bul.* 42:853-64. (3500)

With A. C. Trowbridge:

Sedimentation in Massachusetts Bay. *J. Sed. Pet.* 2:3-37. (17,500)

SHRINER, R. L.

(2) Articles:

With R. F. B. Cox and E. C. Eckler:

The antipyretic action of para-acetylaminophenyl urethanes. *J.A. C.S.* 53:9:3498-3501. (3000)

With W. H. Horne:

Correction. Para-nitrophenyl carbamyl chloride and para-nitrophenyl isocyanate. *Ibid.* 53:8:3186. (300)

With W. E. Sohl:

The thermal conversion of ethyl (1-pyrryl) acetate to pyridine. *Ibid.* 53:11:4168-70. (1000)

(3) Reviews:

Carbocyclic compounds. In "Annual Survey of American Chemistry." Chemical Catalog Co., N. Y. 1931. Vol. V, pp. 219-39. (10,000)

SHUMWAY, WALDO

(1) Books:

Textbook of general biology. John Wiley and Sons, N. Y. 1931. viii + 361 pp.

SHUMWAY, WALDO (continued)

(2) Articles:

Survey courses and the junior college. Sch. and Soc. 34:868:1-8. (5000)

Freshman week at the University of Illinois. *Ibid.* 34:888:21-22. (1000)

The recapitulation theory. Qt. Rev. Biol. 7:1:93-99. (10,000)

SIEBERT, FREDRICK S.

(1) Books:

Instructions in copyreading, a manual for teachers. Col. Pub., Champaign, Ill. 1931. (Mimeo.) 20 pp.

(2) Articles:

Contemporary regulations of the British press. Journ. Qt. 8:2:235-56. (8000)

International protection of rights in news. Ed. and Pub. 64:14:9. (3000)

SINGER, H. A.

(2) Articles:

Primary, isolated lymphogranulomatosis of the stomach. Arch. Surg. 22:6:1001-17. Trans. Chicago Path. Soc. 13:4:453-71. (4000)

Carcinoma of the gastrojejeunal stoma following operation for peptic ulcer. Arch. Int. Med. 49:3:429-38. (3000)

With R. T. Vaughan:

Surgical management of the forme fruste type of perforated peptic ulcer. Proc. Instit. Med. (Chicago) 8:16:307-09. (1000)

With Karl A. Meyer:

Intermittent gastric ileus due to mechanical causes. Surg., Gyn., and Obst. 53:6:742-49. (8000)

SIPPY, BURNE O.

(2) Articles:

A commentary on industrial clinics. Ill. Dent. J. 1:2:50-51. (700)

SMITH, CLOYDE M.

(1) Books:

See Callen, A. C.

(2) Articles:

New type fan discussed at ventilation session. Min. and Met. 13:303:114. (700)

Coal division views year's progress. *Ibid.* 13:303:121-23. (3000)

SMITH, G. FREDERICK

(1) Books:

Ceric sulfate. Smith Chemical Co., Columbus, O. 1932. 32 pp.

Analytical applications of periodic acid (H_5IO_6) and its salts. Smith Chemical Co., Columbus, O. 1932. 62 pp.

(2) Articles:

Determination of sulfur in coal by perchloric acid method. J. Ind. Eng. Chem. 4:227-33. (2500)

SMITH, G. FREDERICK

(2) Articles (continued)

Design and construction of special vacuum-drying apparatus for dehydration of products with low vapor pressure. *Ibid.* 23: 1328-30. (2000)

Applied analytical chemical research necessitates promotional advertising. *J. Chem. Ed.* 9:84-90. (3000)

The use of bromate in volumetric analysis, VI. The determination of iron using basic mercuric bromate. *J. A. C. S.* 53:4291-97. (3000)

The use of bromate in volumetric analysis, V. Internal indicators suitable for use in direct titrations. *Ibid.* 53:2091-96. (2500)

SMITH, L. H., *see* Smith, R. S.

SMITH, PAUL W., *see* Visscher, Maurice B.

SMITH, R. S.

(2) Articles:

With E. A. Norton:

The relationship between soil and native vegetation in Illinois. *Trans. Ill. Acad. Sci.* 24:2:90-93. (1300)

With E. A. Norton, E. E. DeTurk, F. C. Bauer, and L. H. Smith:

Wayne county soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 49. 63 pp. (27,000)

Macoupin county soils. *Ibid.* 50. 71 pp. (29,000)

With E. E. DeTurk, F. C. Bauer, and L. H. Smith:

Fulton county soils. *Ibid.* 51. 48 pp. (20,000)

SNIDER, H. J.

(2) Articles:

Influence of fertilizers upon the reaction of soils. *Trans. Ill. Acad. Sci.* 24:2:127-29. (1600)

SNOW, CLYDE M.

(2) Articles:

With Bernard Fantus:

Syrup of potassium guaiacolsulphonate. *J. Amer. Pharmaceut. Assoc.* XX:5:373-74. (390)

SOHL, WILLIAM E., *see* Shriner, R. L.

STEVENS, F. L.

(2) Articles:

The response to ultra-violet irradiation shown by various races of *Glomerella cingulata*. *Amer. J. Bot.* 17:870-81. (4800)

The asigerous stage of *Colletotrichum lagenarium* induced by ultra-violet irradiation. *Mycologia* 23:134-40. (2000)

A comparative study of *Sclerotium rolfsii* and *S. delphinii*. *Ibid.* 23:204-23. (8000)

The effects of ultra-violet irradiation on various ascomycetes, sphaeropsidaes, and hyphomycetes. *Cent. f. Bakt.* 82:161-75. (5600)

Relation of nutrients to perithecial production under ultra-violet irradiation. *Phil. Agr.* 19:265-72. (2800)

STEVENS, F. L.

(2) Articles (continued)

- Further observations regarding ultra-violet irradiation and perithecial development. *Ibid.* 29:491-500. (3200)
- A misnomer in the use of the term sooty mold. *Ibid.* 29:549. (200)
- Two rusts on *Wrightia laniti* (Bloc.) Merr. *Ibid.* 20:672-81. (2000)
- The reaction of various *Sclerotium* races with other fungi. *Trans. Amer. Micros. Soc.* 49:264-69. (1000)
- Parasitic fungi of British Guiana, Trinidad, and Costa Rica. *An. Mycol.* 28:364-72. (3200)
- Parasitic fungi from Panama. *Ibid.* 28:281-87. (2400)
- Parasitic fungi of Peru and Ecuador. *Ibid.* 29:102-07. (2000)
- Tropical plant pathology and mycology. *Bul. Torr. Bot. Club*, Jan., 1932.
- Second supplement to the Baker list of lower fungi. *Phil. J. Sci.* 47:479-536. (32,200)
- Why pathogene rather than pathogen? *Science* 73:210-11. (200)
- With S. G. Solheim:*
- Cercospora* studies—II. Some tropical *Cercosporae*. *Mycologia* 23:365-406. (16,400)
- With Victoria B. Mendiola:*
- Aecoid short cycle rusts of the Philippine Islands. *Phil. Agr.* 20:3-18. (6000)
- With M. S. Celino:*
- Two diseases caused by *Diplodia*. *Ibid.* 370-75. (2400)
- With Juan D. Atienza:*
- Diseases of cultivated ginger. *Ibid.* 20:171-77. (2400)
- With E. F. Roldan:*
- Diseases of ornamentals in the Philippines. *Nat. and Appl. Sci. Bul., Univ. Phil.* 1:249-50. (800)

STEWART, CHARLES L.

(2) Articles:

- Farm relief. *Encyc. Soc. Sci.* VI:114-18. (3500)
- Legislative methods for controlling farm surpluses. *Coop. Market. J.* V:5:167-70. (2000)
- Land utilization in the Illinois River Basin. *Trans. Ill. Acad. Sci.* 24:2:557-563. (4000)
- Social and credit economy of loans for the purchase of farms. *Soc. Sci. Res. Counc. Bul.* 3:102-05. (3000)
- What else can we do? *Farm J.* LVI:2:7, 8, 50. (2000)
- Features in an export debenture plan. Farm marketing program, hearing before the Committee on Agriculture, House of Representatives, Feb. 16, 1932, pp. 32 and 33. (4000)
- The debenture plan and countries to which we export. Hearing cited, pp. 33 and 35; and amendment of agricultural marketing act, hearing before the Committee on Agriculture and Forestry, United States Senate, Feb. 18, 1932, pp. 9-11. (800)
- Recent changes in farm real estate valuation in Illinois. *Ill. Agr. Exp. Sta., Div. Agr. Econ., Mimeo.* 10, pp. 1-6. (8000)
- Crop payments for farm purchases and mortgage loans. *Ibid.* 11, pp. 15-18. (2500)
- Servicing agriculture with economics. *Ill. Teacher* XX:8:262, 263, 280. (2500)

STEWART, CHARLES L.

(2) Articles (continued)

With O. L. Whalin:

Domestic utilization of fats and oils. *Mfrs. Rec.* CI:16:14-15. (1800)

With L. J. Norton:

Agricultural credit situation in Illinois, Sept., 1931. *Ill. Agr. Exp. Sta., Div. Agr. Econ., Mimeo.* 9. 10 pp. (8000)

(3) Reviews:

Agricultural reform in the United States, by John D. Black. *J. Pol. Econ.* XXXIX:4:549-51. (1200)

STILLWELL, CHARLES W.

(2) Articles:

The crystal structure of electrodeposited alloys: silver-cadmium. *J.A.C.S.* 53:2416. (400)

Recent developments in the application of X-rays to chemistry and industry. *Trans. Ill. Acad. Sci.* 24:252-55. (1500)

An X-ray diffraction study of chicle. *Ind. Eng. Chem.* 23:703-06. (2000)

With L. F. Audrieth:

Glacial acetic acid as a solvent for the electrodeposition of metals. An X-ray diffraction study of the structure of deposits of arsenic, antimony, and bismuth. *J.A.C.S.* 54:472-78. (2100)

See also Clark, G. L.

STUCHLIK, VIVIAN J.

(2) Articles:

History of psyllium seed. *Illini Pharm.* 8:3:2. (600)

What do you know about filter paper? *Ibid.* 8:7:14. (600)

SUMMERS, W. L.

(2) Articles:

Legal relations respecting sulphur. *Texas Law Rev.* IX:4:465-500. (15,000)

Transfers of oil and gas debts and royalties. *Ibid.* X:1:1-33. (14,000)

SUTTON, A. H.

(2) Articles:

A reconnaissance survey of the geology of northern Hardin County. *Kentucky Geol. Surv.* VI:37:267-92. (8000)

A pre-cretaceous soil horizon in western Kentucky. *Amer. J. Sci.* XXII:449-52. (1200)

See also Savage, T. E.

SWAIN, JOSEPH WARD

(2) Articles:

Woodrow Wilson's fight for peace. *Cur. Hist.* 35:6:805-12. (5500)

SWANN, SHERLOCK, JR.

(2) Articles:

The electrolytic reduction of ketones. Part I. Reduction of aromatic ketones. *Ill. Eng. Exp. Sta. Bul.* 236:5-14. (2500)

SWENEY, EDITH

(2) Articles:

Final examinations in English literature. Ill. Assoc. Teach. Engl. Bul. XXIV:2:3-14. (6000)

SYMONS, G. E., *see* Buswell, A. M.

TANNER, FRED W.

(2) Articles:

With Roy Hansen:

The nodule bacteria of the leguminosae with special reference to the mechanism of inoculation. Cent. Bakt. II. 85:129-52. (9600)

With G. I. Wallace:

Effect of freezing on microorganisms in various menstra. Proc. Soc. Exp. Biol. and Med. 29:32-34. (680)

Effect of heat on mold spores. *Ibid.* 28:970-72. (1100)

TARNOWSKY, GEORGE DE

(2) Articles:

Removal of two sewing needles which had remained embedded in the liver for fifteen years. J. A. M. A. 97:174.

Surgical limitations in gastric syphilis. Ill. Med. J. LXI:5:414-18.

Trans-thoracic extra-pleural thoracotomy. An. Surg., Apr., 1932.

TEMPLEMAN, W. D.

(2) Articles:

Studies in the life and works of William Gilpin. Harvard Univ. Summaries of Theses, 1930, pp. 215-218. (1200)

THEISS, EDWIN L.

(2) Articles:

Budgetary procedure as a means of administrative control. Acct. Rev. VII:1:11-21. (5000)

(3) Reviews:

Introduction to accounting, by Alva L. Prickett and R. Merrill Mikesell. Acct. Rev. VI:3:239-40. (1150)

THOMAS, LYELL J.

(2) Articles:

Notes on the life history of *Ophiotaenia saphena* from *Rana clamitans* Latr. J. Parasit. 17:187-95. (5000)

THOMPSON, CHARLES M.

(1) Books:

High school economics. Benj. H. Sanborn and Co., Chicago. 1932. 512 pp.

TIMMONS, B. F.

(1) Books:

Personnel practices among Ohio industries. Ohio State Univ. Press, Columbus. 1931. 136 pp.

(2) Articles:

Group insurance in Ohio. Sociol. and Soc. Res. XVI:1:39-48. (3500)

TIMMONS, B. F.

(2) Articles (continued):

Administration of county poor relief in certain selected Illinois counties. Proc. Ill. Conf. Pub. Welfare, Springfield. 1931. (2200)

TRACY, P. H.

(2) Articles:

Solving problems of ice cream manufactures encountered in winter. Ice Cream Trade J. 18:1:47-48. (1500)

Latest developments in the freezing and hardening of ice cream. *Ibid.* 28:3:47-50. (4000)

Fat oxidation cause of "cappy" flavor in milk. So. Dairy Prod. J., Nov., 1931, p. 35. (1000)

Making frozen delicacies at home. Ill. Agr. Exp. Sta. Circ. 377. 16 pp. (5000)

With R. J. Ramsey:

Malt flavor in raw milk produced by micrococcus. *Ibid.* 14:5:457-62. (2000)

See also Ruehe, H. A.

TRELEASE, WILLIAM

(2) Articles:

Piperaceae hispaniolenses. v. Fedde Repert. 29:24-30.

Piperaceae (of Duidana region). Bul. Torrey Bot. Club 58:353-55; 358.

Piperaceae (of Revillagigedo Islands). Proc. Calif. Acad. Sci. 20:57-58.

TYKOCINER, J. T.

(2) Articles:

Methods of detecting molecular rays. Phys. Rev. 39:863. (200)

With E. B. Paine:

Classification of research problems on dielectrics. Trans. Ill. Acad. Sci. 24:300-09. (3600)

With W. A. Laning:

Oscillations in corona discharges. Phys. Rev. 39:189. (200)

TYLOR, W. RUSSELL

(2) Articles:

The exodus from rural America. Cur. Hist. 35:3:404-08. (3000)

UTLEY, JOHN HERBERT

(2) Articles:

Intercollegiate golf. Ath. J. XI:10:18-19. (1500)

VAN CLEAVE, HARLEY J.

(1) Books:

Invertebrate Zoology. McGraw-Hill, N. Y. 1931. xiv + 282 pp.

(2) Articles:

Acanthocephala from Japan. II. Two new species of the genus Acanthocephalus. Annot. Zoolog. Japon. 13:2:33-37. (1000)

Even the lowly. Amer. Game 20:4:59. (1100)

Some of the biological effects of drought. Sci. Mo. 33:301-06. (3500)

VAN CLEAVE, HARLEY J.

(2) Articles (continued):

The eggs and the egg-laying habits of snails of the genus *Pleurocera*. *Anat. Rec.* 51:1:77-78. (160)

The *Acanthocephala* from fishes and a taxonomic reconsideration of forms with unusual numbers of cement glands. *Trans. Amer. Micros. Soc.* 50:4:348-63. (9000)

Statistical analysis of quantitative collections as a means of interpreting life histories. *Trans. Ill. Acad. Sci.* 24:2:228-34. (3500)

Eutely, or cell constancy, in its relation to body size. *Qt. Rev. Biol.* 7:1:59-67. (6000)

With Sister Stella Maria Hogan:

A comparative study of certain species of fairy shrimps belonging to the genus *Eubbranchipus*. *Trans. Ill. Acad. Sci.* 23:3:284-90. (2000)

With Justus F. Mueller:

What is *Diplostomulum scheuringi*? *J. Parasitol.* 18:2:126. (200)

The systematic position of some trematodes from fresh-water fishes of North America. *Ibid.* 18:2:132-33. (250)

The parasites of Oneida Lake fishes. Part I. Descriptions of new genera and new species. *Roosevelt Wild Life Annals* 3:1:1-72.

(3) Reviews:

The regulation of size as illustrated in unicellular organisms, by E. R. Adolph. *Trans. Amer. Micros. Soc.* 50:2:168. (250)

VAN DOREN, C. A.

(2) Articles:

A new sugar crop—the Jerusalem artichoke. *Ill. Agr.* 36:2:20, 31.

See also Burlison, W. L., and Dungan, J. H.

VAN HORNE, JOHN

(2) Articles:

The Urrea translation of the "Orlando Furioso." Todd Memorial Volumes II:217-29. (5500)

Recent Italian Books. *Italica* VIII:48-49, 83-84, 119-20; IX:13-14.

VAWTER, JAMISON

(1) Books:

With Thomas C. Shedd:

Theory of simple structures. John Wiley and Sons, N. Y. 1931. 345 pp.

VESTAL, ARTHUR G.

(2) Articles:

Strategic habitats and communities in Illinois. *Trans. Ill. Acad. Sci.* 24:2:80-85. (2000)

VISSCHER, MAURICE B.

(2) Articles:

With P. W. Smith:

The temperature coefficients of the several processes in muscle contraction. *Amer. J. Physiol.* 97:3:562. (300)

Influence of concentration of iodoacetic acid upon excitability and chemical changes in muscle. *Proc. Soc. Exp. Biol. and Med.* 29:844-46. (725)

WALLACE, G. I.

(2) Articles:

- Bacteriophage. *Vet. Med.* 26:9:351. (700)
See also Tanner, Fred W.

WALLS, EDNA E.

(2) Articles:

- Illinois Home Economics Service. In "Parent Education." Report of White House Conference. Century Co., N. Y. 1932. pp. 143, 312.

WANLESS, HAROLD ROLLIN

(2) Articles:

- Pennsylvanian cycles in western Illinois. *Ill. Geol. Surv. Bul.* 60: 179-93. (2500)
 Pennsylvanian section in western Illinois. *Bul. Geol. Soc. Amer.* 42:801-12. (3800)
 The question of a Pennsylvanian overlap in the Rock Island region. *Trans. Ill. Acad. Sci.* 24:331-40. (4100)
 Minutes of council meetings (report of the secretary). *Ibid.* 24: 23-26. (1750)
 The Illinois Academy of Science (report of 24th annual meeting). *Science* 73:677. (600)

WARD, GLADYS J.

(2) Articles:

- Possible farm home adjustments related to the present price-level. *Ill. Agr. Adjust. Conf.*, Nov., 1931, pp. 187-204. (3500)
 Some helps to reduce the cost of cleaning. *U. of Ill. Home Ext. Serv.* (mimeo.) (2000)
 The cost of installment credit to consumers. *J. Home Econ.* 24: 25-26. (500)

With Kathryn Van Aken Burns:

- How Illinois farm homemakers have made adjustments to present conditions. *Ibid.* 24:240-43. (1000)

WARD, HENRY B.

(2) Articles:

- Entomology (medical), Coccidia, Bilharziasis. *Collier's Encyc.* (2150)
 Saving Illinois forests, streams, and wild life for perpetual enjoyment. *Ill. J. Com.* 13:7:8, 9, 20. (1800)
 Pure water—its past, present, and future. *Ill. Assoc. Sanit. Dist.*, 8th An. Conv., pp. 16-20. (2580)
 Yesterday and today. *Western Outdoors.* 1:4:14. (945)
 Future growth of the national park system. *Minn. An. Meet. Nat. Parks Assoc.* 2:8ff. (1944)
 Man's greatest gift—pure water. *Outdoor Amer.* 10:6:5. (335)

With Sewell H. Hopkins:

- A new North American aspidogastriid, *Lophotaspis interiora*. *J. Parasit.* 18:2:69-79. (3785)

(3) Reviews:

- Thomas Say, early American naturalist. *J. A. M. A.* 97:2:128. (319)

WARD, HENRY B.

(3) Reviews (continued):

- The bibliography of Schistosomiasis, by M. B. Khalil. *Ibid.* 97:6:413. (175)
- Contribuição ao estudo da biologia do "Strongyloides stercoralis," by H. P. Fróes. *Ibid.* 98:9:761. (111)
- Handbook of protozoology, by R. R. Kudo. *J. Parasit.* 17:4:237. (300)
- Studies in the parasitology of malaria, by R. Knowles, R. S. White, and B. M. Das Gupta. *Ibid.* 17:4:237. (185)
- The fauna of British India, Cestodes, Vol. II, by T. Southwell. *Ibid.* 17:4:237-38. (130)
- Les moustiques de la Cochincine et du Sud-Annam, by B. E. Borel. *Ibid.* 17:4:238. (130)
- Die tierischen Parasiten und einige parasitäre Krankheiten des Menschen in Tadshikistan, by E. N. Pavlowsky. *Ibid.* 17:4:238. (135)
- The principles of epidemiology and the process of infection, by C. O. Stallybrass. *Ibid.* 18:1:57. (200)
- The bibliography of Schistosomiasis, by M. B. Khalil. *Ibid.* 18:1:57.

WATSON, F. R.

(2) Articles:

- Noise reduction. *Eng. News-Rec.* 107:326-27. (2650)
- Acoustics of buildings. Chap. 35 in Kidder-Parker "Architects' and Builders' Handbook," 1931. (11,000)
- Noise. *Proc. H. S. Conf., U. of Ill. Bul.* 29:36:290-91. (1000)
- Reducing noise in school buildings. *Amer. Sch. and Univ.* 4:54-57. (4550)
- Bibliography of acoustics of buildings. *J. Acous. Soc. Amer.* 2:14-43. (15,000)
- Reduction of noise in subways. (Abstract.) *Ibid.* 3:11. (200)
- Acoustic adjustment of curved walls in auditoriums. (Abstract.) *Ibid.* 3:13. (200)
- Acoustic adjustment of rooms. *Technograph* 46:10-11. (3000)

(3) Reviews:

- Planning for good acoustics, by H. Bagenal and A. Wood. *J. Acous. Soc. Amer.* 3:443. (325)
- Editorial reviews as chairman of board of editors. *Ibid. passim.*

WEBER, OSCAR F.

(2) Articles:

- In the hills. *Hounds and Hunting* XXVIII:6:3-6. (3000)
- Vibrations of an old timer. *Ibid.* XXIX:2:3-5. (3000)
- Virtuous education: a viewpoint. *Open Book Mag. of Kappa Phi* Kappa X:1:10-14. (3500)
- The newer demands for social-civic integrity. *Proc. H. S. Conf., U. of Ill. Bul.* XXIX:36:41-45. (5000)

WEINARD, F. F.

(2) Articles:

- Report of the pathologist of the Society of American Florists. *Flor. Rev.* 69:27, 28. (600)
- Florists' week at the University of Illinois. *Flor. Exch.* 79:7:29, 30; 8:66, 67. (1500)

See also Decker, S. W.

WEISIGER, GEORGE B.

(1) Books:

Manual for the use of law books. Bobbs-Merrill Co., Indianapolis, Ind. 1931. 103 pp.

(2) Articles:

Right of privacy. Ill. Law Rev. 26:1:63-69. (3000)

(3) Reviews:

Cases on the law of torts (3d ed.), by Francis H. Bohlen. U. of Pa. Law Rev. 79:8:1158-60. (1500)

WERNER, RAYMOND CLARENCE

(2) Articles:

Joseph Galloway. Dict. Amer. Biog. 7:116-17. (1100)

WESTERGAARD, HARALD MALCOLM

(2) Articles:

Safety of Hoover dam. Civ. Eng. 1:11:1003-04. (2000)

Water pressures on dams during earthquakes. Proc. A. S. C. E. 57:9:1303-18. (8000)

WHITLOCK, MARY C.

(2) Articles:

Garment finishes. Proc. H. S. Conf., U. of Ill. Bul. 29:36:176-79. (2400)

With Edna R. Gray, Elizabeth Todd, Mary McKee, Adah Hess, and Sophia Reed:

Choosing seams and seam finishes for various types of garments. U. of Ill. Dept. Home Econ. Bul., 9 pp. (mimeo.)

WIEN, MAX S.

(2) Articles:

With Minnie Oboler Perlstein:

Ulcus vulvae acutum associated with lesions of the mouth. J. A. M. A. 98:461-66. (3000)

WILCOX, ROY H.

(2) Articles:

Management factors that influence farm profits in southwest Illinois. Ill. Agr. Exp. Sta. Bul. 374.

WILL, SAMUEL F.

(2) Articles:

The dedication and rededication of Ronsard's *Hymne de la Mort*. P. M. L. A. XLVI:432-40. (5500)

The epistolary phrase "De vostre maison . . ." as a polite formula. Mod. Lang. Notes, June, 1931, pp. 360-63. (1500)

WILLARD, A. C.

(2) Articles:

With Philip Drinker, W. H. Driscoll, and Perry West:

Report on heating, ventilating, and air conditioning to the Committee on Fundamental Equipment, President's Conference on Home Building and Home Ownership, Dec. 3, 1931.

WILLIAMS, C. A.

(3) Reviews:

Das deutsche gaistliche Tagelied, by T. Kochs. J. Engl. and Germ. Philol. 30:431. (400)

WILLIAMS, E. H.

(2) Articles:

Magnetic properties of copper-nickel alloys. Phys. Rev. 38:4:828-31. (900)

WILLIAMSON, CHARLES SPENCER

(2) Articles:

The effect of copper and iron on hemoglobin of the rat in nutritional and hemorrhagic anemias. Proc. Soc. Exp. Biol. and Med. XXVIII:9:1076-79. (1100)

Banti's syndrome and allied conditions. Med. Clin. N. Amer. XV: 3:635-61. (8000)

WILSON, WILBUR M.

(2) Articles:

Movement of piers during the construction of multiple-span reinforced concrete arch bridges. Ill. Eng. Exp. Sta. Bul. 234. 27 pp.

With James Mather and Charles O. Harris:

Tests of joints in wide plates. *Ibid.* 239. 71 pp.

With Roy L. Moore and Frank P. Thomas:

Bearing value of pivots for scales. *Ibid.* 242. 50 pp.

WINAKOR, ARTHUR H.

(2) Articles:

The operating and earning power ratios of gas companies. U. of Ill. Bur. Bus. Res. Bul. 37. (13,000)

Banking reform and the small bank. Mid-Cont. Banker 28:10-12. (3000)

WIRTH, E. H.

(1) Books:

Studien over Lunasia amara (Blanco) var. costulata (Hoch.). A. W. Sijthoff Co., Leiden (Holland). 1931. 135 pp., 33 fig.

(2) Articles:

Over Lunasia amara var. Costulata. Pharmaceutisch Weekblad, 1931, pp. 1011-20. (3000)

Pharmacy in Holland. Illini Pharm., Nov., 1931. (1200)

Pharmaceutical education in Holland. *Ibid.*, Dec., 1931. (1300)

The drug garden of the University of Illinois College of Pharmacy. *Ibid.*, June, 1932. (750)

WOLFE, HELEN MORRILL

(2) Articles:

Conditioning as a function of the time interval. In "Readings in Experimental Psychology," ed. by W. L. Valentine. Harpers, N. Y. 1931. pp. 70-79.

WOODROW, HERBERT

(2) Articles:

Quotidian variability. *Psych. Rev.* 39:2:245-57. (5000)

(3) Reviews:

Heredity in man, by Ruggles Gates. *Amer. J. Psych.* 44:2:400.
(400)

WOODRUFF, SYBIL

(1) Books:

Laboratory exercises in foods. U. of Ill. Info. Off. 1931. (mimeo.)
161 pp.

(2) Articles:

With H. Van Gilder:

Photomicrographic studies of sucrose crystals. *J. Phys. Chem.*
35:1355-67.

With L. Nicoli:

Starch gels. *Cereal Chem.* 8:243-51.

With O. Zvermann:

Soybean oil as human food. *J. Home Econ.* 23:974.

See also Outhouse, Julia.

WOODWORTH, C. M.

(2) Articles:

Breeding for yield in crop plants. *J. Amer. Soc. Agron.* 23:5:
388-95. (2500)

Genetics of the soybean (abstract). *Ibid.* 23:12:1064. (250)

Soybean breeding. *Proc. Amer. Soybean Assoc.* III:80-82. (1050)

WRIGHT, ALMON R.

(2) Articles:

History maps come to life. *Hist. Outlook* XXII:5:221-25. (2800)

WRIGHT, IVAN

(2) Articles:

Chicago's financial needs. *Chicago Amer.*, February 25, 1932.
(1000)

The merits of finance company paper in the commercial paper
market. *Amer. Instit. Bank. J.* 14:1. (2500)

Some money market movements during depression. *Ibid.* 13:4.
(3000)

Consumer credit. *Ibid.* 14:2. (3000)

Causes of the depression in international finances. *LaSalle Street
Cashier* 7:4. (2000)

Confidence in finances and financial institutions. *Ibid.* 7:5. (2000)

Two remedies for the world depression. *Ibid.* 7:3. (1800)

Restoring confidence. *Ibid.* 8:1. (2000)

Chicago's financial future. *Ibid.* 8:2. (1500)

Our foreign government debts. *Ibid.* 8:3. (1800)

International debt payments and reinvestment. *N. Y. Times*, Apr.
14, 1932. (1500)

Charting a course for 1932. *Ill. J. Com.* 14:1. (2000)

What is a fair rate of interest for money? *Ibid.* 14:5. (2500)

YAPP, WILLIAM W.

(2) Articles:

Intra-uterine development in cattle. *Proc. Amer. Soc. Anim. Prod.*,
Jan., 1932, pp. 133-36. (2000)

YOUNG, PAUL THOMAS

(2) Articles:

Sex differences in handwriting. *J. Appl. Psych.* 15:5:486-98. (2600)

With E. H. Kniep:

Individual differences in affective reaction to odors. *Amer. J. Psych.*
43:3:406-14. (2000)

With W. L. Morgan:

The relation between age and affective reaction to odors. *Ibid.*
43:3:414-22. (2000)

ZECHEL, GUSTAV

(2) Articles:

Experimental regeneration of the thyroid gland. *Surg., Gyn., and*
Obstet. 53:1:12-15. (1400)

Cellular studies on the thyroid gland. *Ibid.* 54:1:1-5. (1300)

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BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
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MAY 1, 1932—APRIL 30, 1933



PUBLISHED BY THE GRADUATE SCHOOL
URBANA

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY OF THE UNIVERSITY OF ILLINOIS

May 1, 1932—April 30, 1933

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1933, was compiled from lists supplied by the individual members. Titles indicate positions for 1933-34 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, LEVERETT ALLEN, Ph.D.

Assistant Professor of Zoology

Books:

An introduction to the vertebrates. John Wiley and Sons, N. Y. 1933. 414 pp., 290 figs.

ADAMS, ROGER, Ph.D.

Professor of Organic Chemistry and Head of the Department

Articles:

With E. H. Woodruff:
Stereochemistry of dipyrindyls. XX. J. A. C. S., 54:1977-82. (2500)

With Julius White:
Stereochemistry of diphenyl. XXI. *Ibid.*, 54:2104-08. (2000)

With L. J. Roll:
Stereochemistry of carbodiimides. XXII. *Ibid.*, 54:2494-98. (1750)

With H. C. Yuan:
Stereochemistry of diphenyl. XXIII. Optically active 2, 5-dimethoxy-2'-nitro-6'-carboxydiphenyl and the mutarotation of its salts. *Ibid.*, 54:2966-73. (3300)

With B. C. Becker:
Preparation and properties of 2, 2'-difluoro-3, 3'-dicarboxy-6, 6'-dimethoxydiphenyl. XXIV. *Ibid.*, 54:2973-82. (4800)

With R. W. Stoughton:
Stereochemistry of diphenyls. XXV. The relative interfering effects of the groups F, OCH₃, Cl, Br as determined by the relative rates of racemization of the 2'-substituted 2-nitro-6-carboxydiphenyls. *Ibid.*, 54:4426-34. (4000)

With H. C. Yuan:
Stereochemistry of diphenyls. XXVI. The effect of substitution on the rate of racemization of certain optically active diphenyls. *Ibid.*, 54:4434-43. (5000)

With E. H. Johnson and V. Weinmayr:
Substitution products of alpha-naphthyl-ortho-benzoic acid. *Ibid.*, 54:3289-95. (2500)

With W. M. Stanley and Edward McMahon:
Stereochemistry of diphenyls. XXVII. *Ibid.*, 55:706-16. (5000)

With E. C. Kleiderer:
Stereochemistry of diphenyls. XXVIII. *Ibid.*, 55:716-19. (1600)

With W. I. Patterson:
Stereochemistry of N-Phenylpyrroles. XXIX. *Ibid.*, 55:1069-72. (1800)

Articles (continued)

With N. E. Searle:

Stereochemistry of diphenyls. XXX. *Ibid.*, 55:1649-54. (2500)

With H. C. Yuan:

Stereochemistry of diphenyls and analogous compounds. Chem. Rev., 12:2:261.

With W. M. Stanley, C. M. Greer, and J. Sacks:

Bacteriological action of certain synthetic organic acids toward *Mycobacterium leprae* and other acid-fast bacteria. XXI. J. Pharm. and Exp. Ther., 45:121-62. (12,600)

ALBIG, JOHN WILLIAM, Ph.D.

Assistant Professor of Sociology

Articles:

The mobility of urban population, a study of four cities of 30,000 to 40,000 population. J. Soc. Forces, Mar., 1933, 30 pp.

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

Articles:

Operating a weekly at a profit in 1932. Pub. Aux., 67:50:5. (5000)

Will you fit in the country field? Nat. Printer-Journ., 51:1:54-76. (1500)

Making school news an asset. *Ibid.*, 50:12. (1500)

AMBROSIOUS, EDGAR ELMER, M.S.

Instructor in Mechanical Engineering

Articles:

With J. C. Reed:

Bernoulli's theorem—what it means. Heating, Piping, and Air Conditioning, 5:2:111:12. (1600)

ANDERSON, A. MARIE, A.M.

Associate in Art

Books:

Syllabus of design and color. Bruce Publishing Co., Milwaukee. 1933. 108

ANDERSON, ARTHUR G., C.E., Ph.D.

Professor of Business Organization and Operation

Articles:

Human fatigue in industry. Ind. Relations Mag., 3:5:240. (3750)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

Articles:

Letters that sell between seasons. So. Flor., 33:23:5-6 +. (3400)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

Articles:

Results of disease control in 1932. Trans. Ill. Hort. Soc., 66:175-200. (9000)

Economy in peach spraying. *Ibid.*, 66: 509-15. (2000)

Blister canker of apple trees. *Bien. Rpt. Kan. Hort. Soc.*, 41:82-86. (1600)
Proc. Mo. Hort. Soc., 1931-32. (3000)

With K. J. Kadow:

Anthraxnose and gray bark of red raspberries, identification and control. *Ill. Agr. Exp. Sta. Bul.* 383:283-92. (5000)

With W. A. Ruth and W. P. Flint:

The season of 1932. Trans. Ill. Hort. Soc., 66:44-48. (2000)

ANDREWS, JAMES BURTON, M.S.

Associate in Farm Organization and Management

See M. L. Mosher.

ARMSTRONG, GRACE BESSELENE, A.M.

Assistant Professor of Foods

See F. W. Tanner.

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Preventive Medicine

Articles:

With A. J. Nedzel:

Influence of gastric acidity upon viability of bacteria in insolated stomach. *Proc. Soc. Exp. Biol. and Med.*, 29: 499-501. (600)

With Titus M. Johnson:

Has the free gastric acidity bactericidal or bacteriostatic power? *Ibid.*, 29: 501-03. (650)

With A. J. Nedzel and Ross Stonecipher:

Influence of saponin upon bacterial flora, H-ion concentration, and permeability of the intestinal tract. *Ibid.*, 29:496-99. (360)

With E. E. Seidmon:

Influence of vitamin A and B deficiency upon intestinal acid-base equilibrium and bacterial flora. *Ibid.*, 29:488-90. (360)

Influence of vitamin A deficiency upon intestinal permeability for bacteria. *Ibid.*, 29:393-94. (250)

With M. Shuger:

Absorption of bacteria from the large intestine. *Ibid.*, 29:393-94. (250)

With Virginia Ryan:

Dissociation of yeast and bacteria within the stomach and duodenum. *Ibid.*, 29:899-900. (625)

With Elladecane Korando and Virginia Ryan:

Influence of cornstarch, sucrose, and banana powder on the acid-base equilibrium. *J. Infect. Dis.*, 51:556-61. (1150)

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

Articles:

Goethe and present-day German writers. *Goethe Centenary Papers*, University of Chicago, pp. 89-104. (\$500)

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Livestock Marketing

Articles:

Shall we ship by truck or by rail? *Nat. Livestock Prod. Mag.*, 2:1:12. (1000)

Unless you know your scales. *Ibid.*, 2: 6:6-7. (2100)

Shrinkage of hogs from farm to market by truck and by rail. *Ill. Agr. Exp. Sta. Bul.* 388:559-76. (8500)

With L. J. Norton:

Price differentials between four markets used by Illinois stockmen. *Ibid.*, 380: 123-54. (13,500)

AUDRIETH, LUDWIG F., Ph.D.

Associate in Chemistry

Articles:

Reaktionen in flüssigem Ammoniak. *Zeits. angew. Chem.*, 45:385-91. (2500)

With P. Walden and E. J. Birr: Leitfähigkeitsmessungen in Pyridin. *Zeits. physik. Chem.*, (A) 160:337-65. (6000)

With E. J. Birr:

Anomalous electrolytes. I. The electrical conductivity of solutions of iodine and cyanogen iodide in pyridine. *J. A. C. S.*, 55:668-73. (1500)

With W. Nespal and H. Ulich:

Electric moments of hydrazine and its derivatives. *Ibid.*, 55:673-78. (1500)

See also B. S. Hopkins.

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

Books:

Sewerage and sewage treatment. 4th ed. John Wiley and Sons, N. Y. 1933. 596 pp.

Articles:

Registration of engineers. *Ill. Eng.*, 9:2:4. (2000)

Inspection trips. *J. Eng. Educ.*, 22:9: 778. (2500)

Modern Manchuria. *Milwaukee Engineering*, 12:8:5. (1500)

Reviews:

Hydraulics of rapid filter sand, by Hulbert and Feben. *J. Amer. Water Works Assoc.*, 25:1:45. (500)

BACHEM, ALBERT, Ph.D.

Professor of Bio-Physics

Articles:

Effects of artificial habits and habitat. Research Narratives (Engineering Foundation), June, 1932. (1500)

Physiology of the mercury line 254 mμ. *Arch. Phys. Ther.* 13:10:614-19. (2500)

With M. A. Dushkin:

Time factors concerned in the germicidal action of ultraviolet light. *Proc. Soc. Exp. Biol. Med.*, 30:6:700-04. (700)

BADGER, ALFRED EARL, M.S.

Research Assistant in Ceramic Engineering

Articles:

Effect of various gaseous atmospheres on the vitrification of ceramic bodies. *J. A. C. S.* 16:107-17. (6000)

With C. W. Parmelee and G. A. Ballam: A study of a group of typical spinels. *Ill. Eng. Exp. Sta. Bull.* 248, 54 pp. (15,000)

With Abde Ally:

Note on the formation of kaolin minerals from feldspar. *J. Geol.*, 40:745-47. (600)

BADGER, CARROLL JOHN, B.S.
Associate in Soil Experiment Fields
See H. J. Snider.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.
Associate in Chemistry

Articles:

Variation in the prices of metals in the last twenty years. *J. Chem. Educ.*, 10:2:99-107. (10,000)

BAKER, FRANK COLLINS, B.S.
Curator, Museum of Natural History

Articles:

New species and varieties of *Helisoma* and *Gyraulus* from Canada. *Nautilus*, 46:6-9. (1500)

The ecology of Say's *Limnaeus elodes*. *Ecology*, 13:286-89. (1200)

A new race of *Polygyra appressa* from Illinois. *Nautilus*, 46:48-49. (700)

Biography of William Stimpson. *Dict. Amer. Biog.* (600)

Biography of George W. Tryon, Jr. *Ibid.* (600)

BAKER, ROBERT HORACE, Ph.D.
Professor of Astronomy and Head of the Department

Books:

Astronomy. 2d. ed. D. Van Nostrand Co., N. Y. 1933. xix + 521 pp.

Newcomb's astronomy for everybody. Rev. ed. Doubleday, Doran and Co., Garden City, N. Y. 1932. xvi + 334 pp.

The universe unfolding. Williams and Wilkins Co., Baltimore. 1932. vi + 144 pp.

Articles:

Extra-galactic nebulae in a region in Fornax and Eridanus. *Harvard Obs. Ann.*, 88:3:1-20. (9000)

Reviews:

Radial velocities of stars, star-cluster, and nebulae, by J. H. Moore. *Science*, 76:491. (500)

BALDUF, WALTER VALENTINE, Ph.D.
Assistant Professor of Entomology

Articles:

Our friends the insects. *Smithsonian Report for 1931-32*, Pub. No. 3159, reprint from *Trans. Ill. Acad. Sci.*, Feb., 1929. (5000)

The morphology of the ovipositor of *Draculacephala* (Cicadellidae, Homoptera). *Ann. Ent. Soc. Amer.*, 26:1:64-73, with 3 pl. (2300)

Revision of the chalcid flies of the tribe Dacatomini (Eurytomidae) in America north of Mexico. *Proc. U. S. Nat. Mus.*, 79:28:1-95, with 4 pl. (24,000)

BALDWIN, EDWARD CHAUNCEY, Ph.D.
Professor of English

Articles:

Nine years of Hillel. *B'nai B'rith Mag.*, 47:5:136-37. (2000)

Reviews:

Expression in America, by Ludwig Lewishohn. *J. Engl. Germ. Philol.*, 32:1:119-121. (1800)

Thicker than water, by Vera Caspary. *B'nai B'rith Mag.*, 47:5:150. (500)

BALSEIRO, JOSÉ A., LL.B.

Associate Professor of Romance Languages

Articles:

El viaje americano de Concha Espina. I and II. *La Voz* (Madrid), 3605:4 and 3609:4. (1760)

Valle Inclán, la novela y la política. *Hispania*, 15:5-6:437-64. (9000)

Reviews:

Bibliografía puertorriqueña, by Antonio S. Pedreira. *Mod. Lang. J.*, 17:317-18. (500)

Hostos, by Antonio S. Pedreira. *Mod. Lang. J.*, 17:318-19. (500)

Spanish Literature and Spain in some of the leading German magazines of the second half of the XVIIIth century, by H. O. Lyte. *Revista de Filología Española*, 19:429-31. (800)

BARLOW, REUEL RICHARD, A.M.
Associate Professor of Journalism

Articles:

Why edit by guesswork? *Quill*, Dec., 1932, pp. 6-7.

BARTLETT, JAMES HOLLEY, JR., Ph.D.
Assistant Professor of Theoretical Physics

Articles:

Nuclear structure. *Nature*, 130:165. (300)

Structure of atomic nuclei. *Phys. Rev.*, 41:370 and 42:145. (1000)

BARTLETT, ROLAND WILLEY, Ph.D.
Instructor in Agricultural Economics

Articles:

Chicago raw milk supply. Mimeographed by Chicago Technology Club, April, 1933. 7 pp. (1800)

Economic problems in the retail distribution of milk. *Ill. Agr. Exp. Sta., Dept. Agr. Econ.*, mimeo., Oct., 1932. 13 pp. (4500)

Summary and conclusions of "Economic problems in the retail distribution of milk." *Ibid.*, Dec., 1932. (700)

Objectives attained in cooperative marketing of milk. *Coop. Market. J.*, 6:4:128-30. (1300)

Are fluid-milk prices related to butter prices? *Hoard's Dairyman*, 77:12:312-24. (1800)

What is industry cooperation in fluid milk marketing? *Ill. Agr. Exp. Sta., Dept. Agr. Econ.*, Mimeo. A.E. 18. Reprinted, *Pacific Coast Dairy Rev.*, 36:12:14. (500)

BAUER, EDWARD EZRA, M.S., C.E.
Assistant Professor of Civil Engineering

Articles:

Subgrade studies furnish valuable information to the highway engineer. *Technograph*, Oct., 1932, pp. 7-9. (3500)

BAUER, FREDERICK CHARLES, Ph.D.
Professor of Soil Fertility

Articles:

Crop yields from Illinois soil experiment fields in 1931. *Ill. Agr. Exp. Sta. Bul.* 382:227-78, with 71 tables. (4600)

With E. A. Norton, R. S. Smith, E. E. DeTurk, and L. H. Smith:

Fayette county soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 52. 44 pp. (20,000)

BAUER, F. C.—Articles (continued)

- With R. S. Smith, E. E. DeTurk, and L. H. Smith:
Calhoun county soils. *Ibid.*, 53: 18 pp. (6500)

BAYLEY, WILLIAM SHIRLEY, Ph.D.
Professor of Geology, Emeritus

Reviews:

- Congres international des mines, de la metallurgie, et la géologie appliquée, VI^{me} Session, Liège, 1930. *Econ. Geol.*, 27:4:395-97. (800)
Prospecting for gold, by I. L. Idriess. *Ibid.*, 27:4:400. (275)
An introduction to geology, by W. B. Scott. 3d ed. *Ibid.*, 27:5:494. (325)
Stratigraphy of plains of southern Alberta—a symposium. *Ibid.*, 27:5:496. (250)
Earthquake damage and earthquake insurance, by J. R. Freeman. *Ibid.*, 27:6:591-92. (625)
Outline of the geology and petrography of Surinam, by R. Ijzerman. *Ibid.*, 27:6:593-94. (550)
Erdöl: Allgemeine Erdöl Geologie un Ueberblick über die Geologie der Erdöfelder Europas, by O. Stutzer. *Ibid.*, 27:7:680. (400)
Die Feldspäthe und ihre praktische Bestimmung, by K. Chudoba. *Ibid.*, 27:7:682-83. (200)
Das Rhenium, by W. Schröter. *Ibid.*, 27:8:759-60. (150)
Earth history, by L. B. Snider. *Ibid.*, 28:1:84-85. (500)
Soils: their origin, constitution, and classification, by G. W. Robinson. *Ibid.*, 28:1:87. (275)
La Géologie et les mines de la France d'outre-Mer, by a committee under direction of M. A. Lacroix. *Ibid.*, 28:2: 186-87. (300)
Ergebnisse geologischer Forschungen in Minas Geraes (Brasilien), by B. von Freyberg. *Ibid.*, 28:2:188-89. (525)

BEARD, JOSEPH HOWARD, A.M., M.D.

Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

Articles:

- Educational myopia. *Sch. and Soc.*, 36: 926:385-91. (3300)
A plea for systematic education. *Ill. Med. J.*, 63:1:28-30. (1900)

BERDAHL, CLARENCE ARTHUR, Ph.D.
Professor of Political Science

Books:

- The policy of the United States with respect to the League of Nations. *Grad. Inst. Internat. Studies*, Geneva. 1932. 129 pp.

Articles:

- Disarmament and equality. *Geneva Special Studies*, 3:4:1-16. (10,000)
Relation of the United States with the Council of the League of Nations. *Amer. Pol. Sci. Rev.*, 26:3:497-526. (12,000)

Reviews:

- The new balance of power in Europe, by Valentine de Balla. *Ibid.*, 27:1: 131-32. (800)

Reviews (continued)

- George D. Herron and the European settlement, by Mitchell Pirie Briggs. *Ibid.*, 27:1:152-53. (500)
International guarantees of minority rights, by Julius Stone. *Ann. Amer. Acad. Pol. Sci.*, 165:238-39. (700)

BERNBAUM, ERNEST, Ph.D.
Professor of English

Articles:

- The idea of a state university. In Jefferson, Landis, Secord, and Ernst's *Literary Studies for Rhetoric Classes*. (6500)

Reviews:

- The novel in English, by Grant C. Knight. *Amer. Lit.*, 4:224-26. (1000)
Das Romaneske in Byron's Childe Harold's Pilgrimage und den Poetischen Erzählungen, by Helmut Lippert. *J. Engl. Germ. Philol.*, 31: 3:445-47. (900)
Einheit und Totalität bei Wordsworth, unter dem Gesichtspunkt Psychologischer Typologie, by Elisabeth Schumacher. *Ibid.*, 31:3:447-49. (500)
Die Vorgeschichte des Historischen Romans in der Modernen Englischen Literatur, by Gerhard Buck. *Ibid.*, 31:3:450-52. (600)

BIRCH, CARROL LA FLEUR, M.S., M.D.
Assistant Professor of Internal Medicine

Articles:

- Hemophilia. *J. A. M. A.*, 99:1566-71.
Hemophilia. *Med. Woman's J.*, April, 1932. 8 pp.
Anemia from intestinal flagellates. *Med. Clin. N. Amer.*, 15:785-90.
Trichinosis from the barbecue stand. *Ibid.*, 15:791-96.

With C. H. Williamson:

- Pericarditis with effusion. *Ibid.*, 16:413-29.
Pulmonary siderosis. *Ibid.*, 16:429-38.

BLAIR, JOSEPH CULLEN, D.Sc.

Professor of Horticulture and Head of the Department

Articles:

- Trees and their use in streets and parks. *Ill. Hort. Soc. Trans.*, 66:212-14. (2000)

BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

Articles:

- Pearl farming in Japan. *Ann. Assoc. Amer. Geog.*, 23:1:40-41. (440)

BLATT, MAURICE LAMM, M.D., D.Sc.
Professor of Pediatrics

Articles:

With S. J. Nichamin:

- Infant feeding in an institutional environment. *J. Pediatrics*, 2:4:469-71. (5000)

Reviews:

- The Military Surgeon. (Reviewed four times yearly.)

BLOOM, MARGARET, Ph.D.
Instructor in English

Articles:

- The French traditionalists and George Sand. *Books Abroad*, 6:4:419-21. (2100)

Articles (continued)

The witty Whistler. *Prairie Schooner*, 6:3:198-202. (1700)

Emily Dickinson and Dr. Holland. *Univ. of Calif. Chronicle*, 35:1:96-103. (3100)

BOIKAN, WILLIAM S., B.S., M.D.

Instructor in Internal Medicine and in Pathology and Bacteriology

Articles:

Meconium peritonitis, II—a hitherto undescribed form of intra-uterine perforation of a Meckel's diverticulum. *Arch. Path.*, 14:50.

BONIN, GERHARDT VON, M.D.

Assistant Professor of Anatomy

Articles:

Preliminary study of the northern Chinese foot. *Anthropol. Anzeiger*, 9:3-4:214-27. (3000)

BRAHANA, HENRY ROY, Ph.D.

Assistant Professor of Mathematics

Articles:

Operators of order p^m in the group of isomorphisms of the Abelian group of order p^n and type 1, 1, *Proc. Nat. Acad. Sci.* 18:12:722-24. (1000)

Groups (S. T.) whose commutator subgroups are Abelian. *Trans. Amer. Math. Soc.*, 35:2:386-96. (5000)

BRANNON, JAMES MARSHALL, Ph.D.

Assistant Professor of Dairy Bacteriology

Articles:

With S. E. Park, Robert Graham, and M. J. Prucha:

Pasteurization of milk artificially infected with two strains of *Brucella suis*. *J. Bact.*, 24:6. (3600)

Reviews:

Vitamins. *Milk Plant Monthly*, July, 1932. (6600)

BRAY, ROGER HAMMOND, M.S.

Associate in Soil Survey Analysis

See E. E. DeTurk.

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Research Assistant in Mechanical Engineering

See A. P. Kratz.

BROOKS, NEIL CONWELL, Ph.D.

Professor of German and Curator of the Museum of European Culture

Articles:

Processional drama and dramatic procession in German in the late middle ages. *J. Engl. Germ. Philol.*, 32:2:141-71. (12,500)

Reviews:

Georg Rollenhagens Spiel vom reichen Manne und armen Lazaro. 1590. Herausgegeben von Johannes Bolte. *Ibid.*, 32:2:243-45. (650)

BROWN, ANDREW WILSON, Ph.D.

Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

Articles:

Practical use of intelligence tests for educational and vocational guidance. *Vocational Guidance Mag.*, 11:7:295-301. (3500)

BROWN, CHARLES ANDREW, Ph.D.

Associate in Dairy Economics

Articles:

Recent adjustment to low prices within the dairy industry. *Thesis Abstract*, June, 1932. 19 pp. (6000)

Current criticism of milk price plans. *Internat. Assoc. Milk Dealers Bul.* 19, pp. 18-23. (2500)

BROWN, HUGH ALEXANDER, M.S., E.E.

Assistant Professor of Electrical Engineering

Articles:

The development made in television. *Technograph*, 47:2:3, 4, 9. (2100)

BURCHHOLZ, JOHN THEODORE, Ph.D.

Professor of Botany

Articles:

Determinate cleavage polyembryony with special reference to *Dacrydium*. *Bot. Gaz.*, 94:579-88. (4700)

With A. F. Blakeslee:

The transmission of genes affecting pollen-tube growth in *Datura*. *Proc. 6th Internat. Cong. Genetics*, 2:18-19. (500)

Pollen-tube growth in primary and secondary $2n+1$ *Daturas*. *Amer. J. Bot.*, 19:604-26. (10,800)

With Edna M. Old:

The anatomy of the embryo of *Cedrus* in the dormant stage. *Ibid.*, 20:35-44. (4800)

BULL, SLEETER, M.S.

Associate Professor of Meats

Articles:

Causes of soft pork in corn-belt hogs. *Nat. Provisioner*, 88:10:15-16. (2000)

Home slaughtering and curing of pork. *Rpt. Ill. Farm. Inst.*, 37:109-20. (5000)

A summer on the equator. *Sickle and Sheaf*, 23:2:51-56. (2500)

BURGE, WILLIAM EDWARD, Ph.D.

Associate Professor of Physiology and

Acting Head of the Department

Articles:

With G. C. Wickwire and O. S. Orth:

The effect of moving liquid upon the electrical stimulation of muscle. *Amer. J. Physiol.*, 104:2. (2000)

Further study of the effect of moving liquid on the electrical stimulation of muscle. *Ibid.*, 105:1. (400)

Further study of the effect of the movement of the blood on the tone of the blood vessels. *Ibid.*, 105:1. (350)

BURK, MYRLE M., Ph.D.

Assistant in Botany

Articles:

Flowering plants of Black Hawk County, Iowa. *Proc. Iowa Acad. Sci.*, 38:135-49. (4800)

With B. T. Palm:

Taxonomy of the Plasmodiophoraceae. *Arch. Protistenkunde*, 79:2:263-76. (3500)

BURLISON, WILLIAM LEONIDAS, Ph.D.,
D.Agr.

Professor of Crop Production and Head
of the Department of Agronomy

Articles:

With C. L. Stewart, L. J. Norton, and
O. L. Whalin:

Supply and marketing of soybeans and
soybean products. *Ill. Agr. Exp. Sta.*
Bul. 386. pp. 429-544. (32,120)

BUSWELL, ARTHUR MOSES, Ph.D.

Professor of Sanitary Chemistry and Chief
of the State Water Survey

Books:

Colloidal aspects of waste treatment.
Ch. 42 in Alexander's "Colloid Chem-
istry," Chemical Catalogue Co., N. Y.,
1932, pp. 669-95.

Chairman of American Chemical Society
Cooperating Committee for prepara-
tion of the 7th ed. of "Standard
Methods of Water Analysis," Amer.
Pub. Health Assoc. 174 pp.

Articles:

With H. W. Hudson:

Soap consumption and water quality.
J. Amer. Water Works Assoc., 24:6:
859-66. (2000)

With E. W. Lehmann:

Soft water for the home. *Ill. Agr. Exp.*
Sta. Circ. 393. 16 pp. (3800)

With C. S. Boruff and C. K. Wiesman:

Anaerobic stabilization of milk waste.
Ind. Eng. Chem., 24:1423-26. (1800)

With C. S. Boruff:

Mechanical equipment for continuous
fermentation of fibrous materials.
Ibid., 25:147-50. (1800)

The relation between the chemical cor-
poration of organic matter and the
quality and quantity of gas produced
during sludge digestion. *Sewage*
Works J., 4:3:454-60. (1800)

The anaerobic stabilization of sewage
screenings. *Ibid.*, 4:6:973-81. (2400)

With a committee:

The determination of dissolved oxygen
by the Winkler method. *Ibid.*, 4:3:
413-27. (4500)

With Darrell Althausen:

Sludge ripeness studies. II. The effect
of pressure on digested and chemi-
cally treated sludges. *Ibid.*, 5:2:241-
61. (4800)

With Darrell Althausen, C. S. Boruff, and
G. E. Symons:

Comments on Fair and Moore's articles
on "Heat and energy relations in the
digestion of sewage solids." *Ibid.*,
5:1:34-39. (1800). 5:2:233-35. (900)

CAHN, ALVIN ROBERT, Ph.D.

Assistant Professor of Zoology

Articles:

Moose adventures with a camera. *Sports*
Afield, July, 1932.

Records and distribution of the fossil
beaver, *Castoroides ohioensis*. *J.*
Mammal., 13:3:229-40.

Hibernation of the box turtle. *Copeia*,
1933:1:13-14.

With E. Conder:

Mating of the box turtle. *Copeia*, 1932:
2:86-88.

With L. J. Thomas:

A new disease of moose. *I. J. Parasit.*,
18:219-31.

Articles (continued)

With G. I. Wallace and L. J. Thomas:

A new disease of moose. *II. Proc. Soc.*
Exp. Biol. and Med., 29:1098-1100.

A new disease of moose. *III. Science*,
76:1974:385-86.

CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry

Articles:

Eggs for hatching. *Successful Farming*,
31:2:14-45. (1500)

More poultry dollars. *Ibid.*, 31:3:22-58.
(1500)

New experiments. *Poultry Trib.*, 39:5:5-
(1200)

Raising chicks at a profit. *Ill. Agr. Exp.*
Sta. Circ. 329. Rev. ed. (5000)

Some observations on the use of time.
Poultry Sci., 11:6:366. (450)

With H. J. Sloan:

Age and growth as related to the inci-
dence of rickets. *Ibid.*, 11:6:359-60.
(450)

With F. E. Elliott:

Producing and marketing good eggs.
Ill. Agr. Exp. Sta. Circ. 400. 28 pp.
(6500)

Reviews:

A check list of poultry bulletins. *Poul-*
try Sci., 11:6:339-53. (10,000)

CARMICHAEL, ROBERT DANIEL, Ph.D.

Professor of Mathematics and Head of the
Department; Acting Dean of the Gradu-
ate School

Articles:

Expansions of arithmetical functions in
infinite series. *Proc. Lond. Math.*
Soc., 2:34. (13,000)

Systems of linear difference equations
and expansions in series of exponen-
tial functions. *Trans. Amer. Math.*
Soc., 35:1-28. (14,000)

Note on triple systems. *Bul. Amer.*
Math. Soc., 2:38:695-96. (800)

CARROLL, WILLIAM ERNEST, Ph.D.

Professor of Swine Husbandry

Books:

With J. L. Edmonds, W. G. Kammlade,
W. B. Nevens, and R. R. Snapp:

Producing farm livestock. John Wiley
and Sons, N. Y. 1932. xiii + 439 pp.

Articles:

Feeding hogs on Illinois farms. *Ill. Agr.*
Exp. Sta. Circ. 395. 32 pp.

CARTER, BENJAMIN FERRIS, M.S.

Research Assistant in Psychology

Articles:

The weaving technic of Winnebago bags.
Wis. Arch., 12:2:33-48. (5000)

CASE, HAROLD CLAYTON M., Ph.D.

Professor of Farm Organization and Man-
agement

Articles:

Readjustments in organization in view
of the outlook for agriculture in the
corn belt. *J. Farm. Econ.*, 14:3:433-
441. (3500)

An analysis of farm leases for the corn-
belt and wheat-belt states. *Amer. Life*
Convention, Spec. Bul. 63 pp.
(18,500)

Articles (continued)

- Determining cash rent on the basis of farm prices. Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo. 342. (5000)
 Cost of fruit production. Trans. Ill. Hort. Soc., 66:231-36. (1600)

See also M. L. Mosher and R. R. Hudelson.

CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Analytical Chemistry

Books:

- Applied x-rays. McGraw-Hill Book Co., N. Y. 1932. 470 pp.

Articles:

- Bemerkung zu der Arbeit, "The lattice dimensions of spinels." Zeit. physikal. Chem., B17:6463-64. (500)
 Modern alchemy. Amer. J. Roentgen. and Radium Therapy, 29:4:534-36. (2000)
 A decade of applied x-ray research. Chem. and Ind., 52:15:317-25; 16:336-46. (8000)

With K. E. Corrigan:

- Crystalline structure of insulin. Phys. Rev., 40:4:639. (300) Science, 76:545. (250)

With Wanda K. Farr:

- Cotton fibers. II. Structural features of the wall suggested by x-ray diffraction analyses and observations in ordinary and plain polarized light. Contrib. Boyce-Thompson Inst., 4:3:273-95. (6000)

With Howard A. Smith:

- Occurrence of CuAl_2 in duralumin. Phys. Rev., 43:4:305. (350)

With N. P. Goss:

- X-ray studies of steel wire of medium carbon content. Trans. Amer. Soc. Steel Treating, 20:5:471-79. (3000)

With Julia Southard:

- Imbibition by cotton fibers of water and of solutions of chemical reagents. J. Home Econ., 25:3:228-34. (2500)

With J. N. Mrgudich:

- X-ray studies of the insulating materials in high-tension cables. Elec. Eng., 52:2:101-2. (1000)

Reviews:

- Chemical analysis by x-rays and its applications, by Georg von Hevesy. Rev. Sci. Instr., 4:1:47-48. (800)

CLEMENT, JOHN ADDISON, Ph.D.

Professor of Secondary Education

Books:

- With L. W. Webb and others:
 High school curriculum reorganization. N. C. A., Ann Arbor, Mich. 1933.

Articles:

- Standards for health and physical education. Health Phys. Educ. J., Mar., 1933.

Reviews:

- Spectatoritis, by Jay B. Nash. Amer. Phys. Educ. Assoc. Res. Qt., Dec., 1932.

COBLE, ARTHUR BYRON, Ph.D., LL.D.

Professor of Mathematics

Articles:

- Hyperelliptic functions and irrational binary invariants. Amer. J. Math., 54:3:425-52. 55:1:1-21. (25,000)

COLBY, ARTHUR SAMUEL, Ph.D.

Professor of Pomology

Articles:

- Recent developments in small fruit culture. Proc. Mass. Fruit Growers' Assoc., 39:18-28. (3200)

COLE, ARTHUR GIDEON, Ph.D.

Assistant Professor of Physiological Chemistry

Articles:

- Sodium thiocyanate (rhodanate) in narcotic addiction. J. A. M. A., 99:6:495-96. (800)
 The nature of protein solutions. *Ibid.*, 99:12:998-99. (1100)

Reviews:

- Physical chemistry for students of biology and medicine, by D. I. Hitchcock. *Ibid.*, 100:15:1203. (200)

CONDER, EVERT, M.S.

Research Assistant in Zoology

See A. R. Cahn.

CONVERSE, PAUL D., A.M.

Professor of Business Organization and Operation

Articles:

- A marketing course in high schools. J. Bus. Educ., June, 1932. (900)
 Teaching market distribution in secondary schools. Ill. Teacher, 21:1:10. (800)
 Occupation and credit. Bankers' Mag., 125:4:339-42. (2700)
 Occupation and credit. Personal Finance News, 17:2:4-6. (2700)

Reviews:

- Pricing for profit, by William Churchill. J. Bus., 6:2:171-73. (1100)

CRANDELL, JOHN STANLEY, B.S., C.E.

Professor of Highway Engineering

Articles:

- Building a low-cost base for a low-cost road. Eng. News-Rec., 109:25:751-52. (1500)
 Those conventions you'll attend. A. S. C. E. (Ill. Student Chap.), Feb., 1933. (1000)
 Research on fillers. Roads and Streets, 76:4:158-60. (4500)
 Report of project committee on fillers and cushion courses for brick and block pavements. Proc. 12th An. Meet. Highway Research Board, pp. 256-264. (4400)

CRATHORNE, ARTHUR ROBERT, Ph.D.

Associate Professor of Mathematical Statistics

Books:

With H. L. Rietz:

- Introductory college algebra. Rev. ed. Henry Holt and Co., N. Y. xl + xii + 305 pp.

Articles:

- The problem of mathematical statistics. Math. Teacher, 24:4:200-10. (4800)

CROSS, HARDY, A.B., B.S., M.C.E.

Professor of Structural Engineering

Books:

With N. D. Morgan:

- Continuous frames of reinforced concrete. John Wiley and Sons, N. Y. 1932. 338 + x pp.

CROSS, H.—Articles:

- Analysis of continuous frames by distributing fixed-end moments. *Trans. A. S. C. E.*, 96:1-10, 138-156.
Rigid frame bridges. *Bul. A. R. E. A.*, 34:353:580-88.

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Articles:

- The health service in the Chicago departments of the University of Illinois. *Illini Scope*, 1:4:7-9. (300)
Xanthomatosis — Schuller — Christian's disease. *Ill. Med. J.*, 63:2:131-37. (4250)

DAVIS, DAVID JOHN, M.D., Ph.D.

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Articles:

- Research and teaching in medicine. *J. A. M. A.*, 100:1256. (1000)
Cooperation between the College of Medicine of the State University and other State Departments in Illinois. *J. Assoc. Amer. Med. Colleges*, 7:4:220-28. (4000)

Reviews:

- Medical education—final report of the commission on medical education. *J. Higher Educ.*, 1933.
Streptococci in relation to man in health and disease, by Anna W. Williams. *J. A. M. A.*, 100:446. (1500)

DECKER, SAMUEL WESLEY, M.S.

Research Assistant in Floriculture

Articles:

- Test new gladiolus varieties for forcing quality. *Flor. Rev.*, 71:1833:13-14. (2000)
See also F. F. Weinard.

DETURK, ERNEST E., Ph.D.

Professor of Soil Technology

Articles:

With R. H. Bray:

- Chemical aspects of some Illinois soils as related to their genesis and morphology. *Proc. 2d Internat. Congr. Soil Sci. (Moscow)*, 5:118-131. (5850)

With James R. Holbert and B. W. Howk:

- Chemical transformations of phosphorus in the growing corn plant with results on two first-generation crosses. *J. Agr. Res.*, 46:2:121-41. (8700)

With E. A. Norton, R. S. Smith, F. C. Bauer, and L. H. Smith:

- Fayette County soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 52. 44 pp. (20,000)

With R. S. Smith, F. C. Bauer, and L. H. Smith:

- Calhoun County soils. *Ibid.*, 53. 18 pp. (6500)

DEUSS, HUGO OTTO, B.S., M.D.

Assistant Professor of Internal Medicine

Articles:

- The use of iodized oils in bronchitis and bronchiectasis. *Ill. Med. J.*, 62:1:68-74. (5000)

DIAMOND, ISADORE BERNHARD, M.D.

Assistant Professor of Neurology and Psychiatry

Articles:

- Brain changes in malignant endocarditis. *Arch. Neurol. and Psychiat.*, 27:1175. (6000)

DICKINSON, BURRUS S., Ph.D.

Associate in Journalism

Articles:

- Bank statements are news. *Quill*, 20:7:3, 4, 16. (2000)
The influence of the press in labor affairs. *Journ. Qt.*, 9:3:269-80. (4300)
Utility depreciation. *Chicago J. Com.*, 12:260:6. (1500)
The railroads' interest burden. *Ibid.*, 12:289:6. (1500)
1932 railroad income account. *Ibid.*, 13:150:6. (1000)

DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

Articles:

- Exercises in readers. *Elem. Sch. J.*, 33:1:59-66. (3800)
Testing word difficulty. *J. Educ. Res.*, 26:1:22-27. (2600)
Testing high school pupils in reading. *Bul. Ill. Assoc. Teach. Engl.*, 25:4:1-9. (4200)

Reviews:

- Children who cannot read, by Marion Monroe. *Elem. Sch. J.*, 33:6:467-68. (850)

DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

Articles:

- The place of peach thinning in the orchard program. *Trans. Peninsula Hort. Soc.*, 22:1-10. (2500)
The treatment of the winter injured peach tree. *Ibid.*, 66:271-87. (4000)
The peach industry in Illinois and its present status. *Ibid.*, 66:471-87. (4500)

With J. S. Potter:

- A study of the structure of the skin and pubescence of the peach in relation to brushing. *Ill. Agr. Exp. Sta. Bul.* 385.

With R. L. McMunn:

- Seed size in relation to fruit size in the peach: The fourth report on the Illinois thinning investigations. *Proc. Amer. Soc. Hort. Sci.*, 1932. (2500)

DRAFFIN, JASPER OWEN, M.S.

Associate Professor of Theoretical and Applied Mechanics

Reviews:

- A history of the development of wooden bridges, by Robert Fletcher and J. P. Snow. *Proc. A. S. C. E.*, 59:2:390-1. (700)

DUNGAN, GEORGE HARLAN, Ph.D.

Associate Professor of Crop Production

Articles:

- Better yielding wheat. *Prairie Farmer*, 104:19:6. (500)

EDMONDS, JAMES LLOYD, B.S.

Professor of Horse Husbandry

Books:

With W. E. Carroll, W. G. Kammlade,
W. B. Nevens, and R. R. Snapp:

Producing farm livestock. John Wiley
and Sons, N. Y. 1932. xiii + 439 pp.

EMCH, ARNOLD, Ph.D.

Professor of Mathematics

Articles:

Geometrische Anwendungen der Cinären
(n, n)—Verwandschaft. *Commentarii
Mathematici Helvetici*, 4:65-73. (3000)

Ueber eine besondere Raumkurve
sechster Ordnung. *Monatshefte für
Mathematik und Physik*, 40:193-200.
(2500)

Reviews:

On complex projective geometry, by
Cartan. *Bul. Amer. Math. Soc.*, 38:
457-58. (500)

On projective differential geometry, by
Lanc. *Ibid.*, 39:181-82. (600)

Intuitional geometry, by Hilbert. *Ibid.*,
39:319-20. (600)

ENSIGN, NEWTON EDWARD, A.M.

Associate Professor of Theoretical and
Applied Mechanics

Books:

With F. B. Seely:

Analytical mechanics for engineers. 2d
ed. John Wiley and Sons, N. Y.
1933. 414 + xiii pp.

EWERT, EARL ERNST, B.S., M.D.

Associate in Surgery

Articles:

With C. M. McKenna:

Management of undescended testicle.
Trans. Amer. Assoc. Gen.-Urin. Surg.,
25:271-77. (2000)

See also R. D. Herrold.

FABRICANT, NOAH DANIEL, M.D.

Instructor in Otolaryngology

Articles:

With C. S. Sommer:

Zur diagnostischen Bedeutung des
Ohrmuschel-reflexes. *Monats. f. Ohr-
enheil. u. Laryngo-Rhin.*, Aug., 1932,
pp. 972-77.

A new test for the diagnosis of diseases
of the inner ear. *Arch. Otolar.*, Sept.,
1932. 4 pp.

FAHNESTOCK, MAURICE KENDALL, M.S.

Special Research Assistant Professor of
Mechanical Engineering

Articles:

See A. P. Kratz.

Reviews:

Radiators and gravity convectors. Ch. 6
in *Amer. Soc. Heat. Vent. Eng. Guide*,
11th ed., 1933, pp. 65-82. (5000)

FAIRLIE, JOHN ARCHIBALD, Ph.D.

Professor of Political Science

Articles:

Subsidies to local governments. *Res.
Conf. on Local Gov.*, Chicago, May,
1932. (3000)

Revamping local areas of government.
Inst. of Politics, Univ. of Va., July,
1932. (4000)

Articles (continued)

The league's committee on county gov-
ernment. *Nat. Munic. Rev.*, 21:519-
20. (1000)

Legislative committees and commissions
in the United States. *Mich. Law
Rev.*, 31:25-39. (6000)

The Dutch East Indies. *Amer. Pol.
Sci., Rev.*, 26:711-15. (2200)

Studies on state and local government.
Ibid., 27:317-29. (5500)

Reviews:

Readings in early legal institutions, by
W. S. Carpenter and P. T. Stafford.
Elementary principle of jurisprudence,
by G. W. Keeton. An introduction to
the science of law, by A. Kocoreek.
Ibid., 26:560-61. (400)

University training for the national
service, University of Minnesota.
Ibid., 27:140-42. (600)

FANTUS, BERNARD, M.S., M.D.

Professor of Pharmacology, Materia Med-
ica, and Therapeutics

Books:

With L. B. Kartoon:

General therapeutics. *Year Book Prac.
Med. Series*, 1932. 430 pp.

Articles:

With H. A. Dyniewicz and J. M. Dynie-
wicz:

A study of vehicles for medicines. I.
The eriodictyon vehicles. *J. A. Ph. A.*,
22:4:323-31. (3,048)

FAUCETT, MAX ALBERT, M.S., E.E.

Associate in Electrical Engineering

See J. O. Kraehenbuehl.

FELDMAN, LOUIS, B.S., M.D.

Associate in Internal Medicine

Articles:

With Sidney Strauss:

The significance of the large "Q" wave
in lead III. *Amer. J. Med. Sci.*, 185:
1:87-92. (2400)

FISHMAN, LOUIS ZOLO, B.S., M.D.

Assistant in Otology and in Anatomy

Articles:

Beiträge zur Symptomatologie der
otogenen Pachymeningitis externa.
*Monats. f. Ohrenheil. u. Laryngo-
Rhin.*, 8:66:981-89. (3200)

FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Asso-
ciate Dean of the College of Liberal
Arts and Sciences

Articles:

Proficiency examinations for credit at
the University of Illinois. *Sch. and
Soc.*, 36:792-93. (1200)

FLINT, WESLEY PILLSEURY, B.S.

Entomologist (with the rank of Associate
Professor)

Books:

With C. L. Metcalf:

Insects, man's chief competitor. Williams
and Wilkins Co., Baltimore. 1932.
133 pp.

Articles:

Advances in codling moth control.
Trans. Ill. Hort. Soc., 66: 150-63.
(4000)

FLINT, W. P.—Articles (continued)

First brood codling moth notice. *Prairie Farmer*, May, 1932.

Chinch bug barriers. *Ibid.*, June, 1932.

Poisoning grasshoppers. *Ibid.*

First Mexican bean beetles found in Illinois. *Ibid.*

Second brood codling moth notice. *Ibid.*

Peach sprays. *Ibid.*

Codling moth conditions. *Ibid.*, July, 1932.

Chinch bugs. *Ibid.*, Aug., 1932.

Hessian fly survey. *Ibid.*

White grubs. *Ibid.*

Some results of the use of oil sprays in Illinois. *Amer. Fruit Grower*, May, 1932.

Presidential address: Balancing the entomological program. *J. Econ. Ent.*, 26:1:39-44. (2600)

With M. D. Farrar:

The use of mineral oils for better dusts. *Ibid.*, 25:2:269-71. (800)

Chemically treated bands. *Ibid.*, 26:2:364-8. (1700)

With S. C. Chandler:

1932 experiments and the spray program for 1933. *Trans. Ill. Hort. Soc.*, 66:522-32. (3600)

With W. H. Larrimer:

The chinch bug and how to fight it. *U. S. D. A. Farm. Bul. No. 1498*. Rev. ed. Mar., 1933. (11,000)

FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

Articles:

Un det norske målet i Amerika. *Norsk Aarbok*, 1931, Bergen, Norway, pp. 113-34. (5850)

The Edinburgh Fragment of the Old Norwegian General Law of King Magnus IV. *J. Engl. Germ. Philol.*, 32:196-202. (2500)

Reviews:

Norsk Tidsskrif for Sprogvidenskap, Bind IV. *Ibid.*, 31:136-41. (2300)

The Poetic Edda in the light of archaeology, by Birger Nerman. *Ibid.*, 31:141-42. (650)

Norsk sprakhistorie til omkring 1370, by Didrik Arup Seip. *Ibid.*, 32:231-34. (1700)

Norsk Riksmålsordbok, Utarbeidet av T. Knudsen og Alf Sommerfelt, Hefter 1-3, a-bort. *Amer. J. Philol.*, 52:283-85. (1400)

FOLK, MAX LYON, M.D.

Assistant Professor of Ophthalmology

Articles:

With E. L. Taube:

Vaccinia of the eyelids and conjunctiva. *Amer. J. Ophthalm.*, 16:1:36-39. (2053)

FOSTER, WILLIAM ARTHUR, B.S., A.E.

Assistant Professor of Rural Architecture

Articles:

Dutch colonial farm house. *Country Gentleman*, Sept., 1932. (2000)

Farm house planning. *Rural Business*, Chicago, Dec., 1932. (3000)

Articles (continued)

With W. E. Carroll:

Construction of self feeders and their use in pork production. *Rev. ed. Ill. Agr. Exp. Sta. Circ.* 319.

Movable hog houses. *Rev. ed. Ibid.*, 320.

FRASER, WILBUR JOHN, M.S.

Professor of Dairy Farming

Articles:

Raising low protein increases profit. *Hoard's Dairyman*, 77:9:244. (1500)

Tied to the wrong cow. *Ibid.*, 77:23:539. (1100)

Tied to the wrong dairyman. *Ibid.*, 78:2:23. (1900)

Good housing protects the dairy dollar. *Ibid.*, 78:4:71, 86. (1800)

Milk and money in herd comfort. *Ibid.*, 78:5:91. (1600)

Don't starve cows in midsummer. *Jersey Bul.*, 52:15:486. (800)

FREILICH, ELLIS BENJAMIN, M.D.

Associate Professor of Internal Medicine

Articles:

With O. B. Ragins:

Familial congenital clubbing of fingers and toes. *Ann. Int. Med.*, 6:7:946-47. (300)

FULLER, HARRY JAMES, Ph.D.

Instructor in Botany

Articles:

Injurious effects of ultra-violet and infra-red radiations on plants. *Ann. Mo. Bot. Gard.*, 19:79-86. (2100)

Some effects of radiations from a mercury vapor arc in quartz upon enzymes. *Ibid.*, 19:505-31. (8500)

FUSON, REYNOLD CLAYTON, Ph.D.

Professor of Chemistry

Books:

With R. L. Shriner:

The systematic identification of organic compounds. *Edwards Bros.*, Ann Arbor, Mich. 86 pp. 1932.

Articles:

With C. Fisher and H. R. Snyder:

The haloform reaction. VI. Alpha-halogen derivatives of hindered ketones. *J. A. C. S.*, 54:3665-74. (5000)

With S. H. Babcock, Jr., and F. I. Nakamura:

The cleavage of phenacylpyridinium halides by alkali. *Ibid.*, 54:4407-09. (1500)

With J. W. Bertetti and W. E. Ross:

The haloform reaction. VII. Effect of ortho-chlorine atoms. *Ibid.*, 54:4380-83. (2000)

With W. E. Ross:

The coupling action of the Grignard reagent. IV. Benzal chloride and benzotrichloride. *Ibid.*, 55:720-23. (2000)

Reviews:

Esercizi Numerici de Chimica Organica, by Guido Bargellini. *Ibid.*, 54:3022. (200)

GAINES, WALTER LEE, Ph.D.

Professor of Milk Production

Articles:

With J. R. Palfrey:

A least-squares curve fitting machine, using springs. *Science*, 76:472-74. (1500)

GARNER, JAMES WILFORD, Ph.D., LL.D., Litt.D.

Professor of Political Science and Head of the Department

Articles:

Recent conventions for the regulation of war. *Amer. J. Internat. Law.*, 26:807-11. (1500)

Reviews:

Academie de Droit International, Recueil des Cours. Ibid., 26:643-46. (1800). 27:183-85. (1200)

Vauthier le Dangier Aérien et l'Avenir du Pays. *Ibid.*, 26:655. (250)

Annual Digest of International Law Cases, by McNair and Lauterpacht. *Ill. Law Rev.*, 27:349-50. (1000)

Notes on decisions and opinions. *British Year Book of International Law*, 13:161-62;187-93. (1500)

GEISSENDOERFER, JOHN THEODORE, Ph.D., Assistant Professor of German

Articles:

Unger's "objective" treatment of literary problems. *J. Engl. and Germ. Philol.*, 32:70-76. (2200)

Reviews:

Probleme der deutschen Barockliteratur, von Karl Viëtor. *Ibid.*, 31:434-37. (1575)

Romantik-Forschungen, von B. Heimann, et al. *Ibid.*, 32:259-62. (1350)

GELLHORN, ERNEST, M.D., Ph.D.

Professor of Physiology

Articles:

Observations on the Hofmeister series in muscle. *Protoplasma*, 16:369-77. (2500). 18:411-19. (2000)

Further studies in muscle fatigue and permeability. *Amer. J. Physiol.*, 100:447-51. (1500)

Ion effects on muscular fatigue and their independence of changes in the metabolism of muscles. *Ibid.*, 100:452-58. (1500)

With A. L. Fryer:

On the principle of autonomic nervous action. Observations on the resistance to temperature of the endings of vagus and sympathetic in heart. *Ibid.*, 103:392-99. (2500)

With David Northup:

Quantitative investigations on the influence of hormones on absorption. Internal secretions and permeability. *II. Ibid.*, 103:382-91. (3000)

GETTMANN, ROYAL A., A.M.

Assistant in English

Books:

With P. Kies, E. Clark, and A. J. Green: A writer's manual and workbook. F. S. Crofts, N. Y. 1933. 306 pp.

GIBBS, CARLIN FRARY, M.S.

Assistant in Chemistry

Articles:

The polymerization of gamma-halogenopropylidimethylamines. *J. A.C. S.*, 55:753-57. (1200)

GOBLE, GEORGE WASHINGTON, A.B., LL.B.

Professor of Law

Articles:

Life of Wesley N. Hohfeld. *Dict. Amer. Biog.*, 9:124-25. (1200)

Trade mark piracy. *Amer. Mercury*, 28:478-82. (2500)

Reviews:

Cases on contracts, by Costigan. *Ill. Law Rev.*, 27:529. (300)

The commerce clause, by Gavit. *Ind. Univ. Alum. Qt.*, 20:206. (200)

GOFF, JOHN ALONZO, Ph.D.

Associate Professor of Thermodynamics

Articles:

Thermodynamics, in "Progress in applied mechanics." *Trans. A. S. M. E., (Applied Mechanics Division)*, Jan.-Mar., 1933.

Air conditioning theory: classroom methods of presentation. *Refriger. Eng.*, Jan., 1933.

Thermodynamics of acoustic velocity. *Technograph*, Mar., 1933.

GOLDBERG, BENJAMIN, M.D.

Associate Professor of Medicine

Books:

Procedures in tuberculosis control. F. A. Davis Co., Phila. 1933. 373 pp., 54 figs.

Articles:

The present trend in tuberculosis mortality. *Hosp. Soc. Serv.*, 27:524ff. *Arch. Phys. Ther.*, 13:650-54. (3200)

Progress in tuberculosis control. *Clin. Med. Surg.*, 30:19-23. (3900)

Recent developments in tuberculosis control. *Med. J. and Rec. N. Y.*, 137:332-36. (4100)

With Jessamine S. Whitney:

Medical teaching in tuberculosis. *J. A. M. A.*, 99:707-10. (2900)

GOLDMAN, MARCUS SELDEN, Ph.D.

Assistant in English

Articles:

A contribution to the symposium of alumni opinion on the new organization of Culver Military Academy. *Culver Alumnus*, 13:3:8-9.

Pandora Nomen Aptius Faustinae, a verse translation from the Latin of Joachim du Bellay. *Nuntius*, 7:2:14.

Reviews:

Hypnotic poetry, by D. Snyder. *J. Engl. Germ. Philol.*, 31:634-37. (1200)

On being creative and other essays, by Irving Babbitt. *Ibid.*, 32:121-24. (1500)

GOTSHALK, DILMAN WALTER, Ph.D.

Assistant Professor of Philosophy

Articles:

The subject of all judgments. *Mind*, 42:17-30. (5500)

Reviews:

New light on Emerson's sources for his Swedenborg, by Hotson. *Soc. Sci. Abst.*, 3:9:1249. (150)

Six theories of mind, by Morris. *J. Phil.*, 29:717-20. (1200)

GREEN, FREDERICK, A.M., LL.B.
Professor of Law

Articles:

Sufficiency of indictments. Ill. Bar J., 21:3:24-27. (2000)

GREENGARD, JOSEPH, B.S., M.D.
Associate in Pediatrics

Articles:

The effectiveness of commercial diphtheria toxoid in active immunization of infants. J. A. M. A., 100:793-95.

The Schick test in infancy. Arch. Ped., 49:526-33.

With S. J. Hoffman:

Pericarditis simulating an acute condition in the abdomen. Arch. Surg., 26:623-32.

With A. J. Kobak:

Skin reactivity of mothers and infants to gonococcus vaccine. Proc. Soc. Exp. Biol. and Med., 30:117-18.

GREGG, RUSSELL TAAFFE, A.M.
Assistant in Industrial Education

Articles:

A plan of supervised student-teaching in industrial arts. Education, 52:583-86.

GRIFFITH, COLEMAN ROBERTS, Ph.D.
Associate Professor of Educational Psychology

Articles:

Physical education and general education. Proc. Inst. Internat. Rel. 1932, Sup., 9:20-24. (5000)

Reviews:

Contemporary schools of psychology, by R. S. Woodworth. Amer. J. Psychol., 45:1:182-84. (2000)

GULLETTE, CAMERON CHARLES, B.Mus., Ph.D.
Assistant Professor of Romance Languages

Articles:

The critics' candidate. Mod. Lang. J., 17:401-10. (5000)

Some tricks of the trade. *Ibid.*, 17:499-503. (2000)

The Illinois Modern Language Association. *Ibid.*, 17:378-79. (1000)

Reviews:

Modern Spanish Grammar, by Pittaro and Green. *Ibid.*, 17:223-24. (800)

Beginning Spanish, training for reading, by Sparkman and Castillo. *Ibid.*, 17:548-49. (1300)

HALL, STANLEY WILLIAM, B.S.
Associate Professor of Floriculture

Articles:

Employers and employees study together at tenth Illinois short course. Flor. Rev., 71:1837:11-16. (7000)

HALPER, PHILIP ALLEN, B.S., M.D.
Associate in Otolaryngology

Books:

Articles on otolaryngology in "Cyclopedia of Medicine," F. A. Davis Co., Phila., vols. V-VII.

Articles:

The challenge of ophthalmologic problems—do we meet them? Sight-Saving Rev. (Pub. no. 110), 8:1:11-20.

Ophthalmologic problems in general practice. Ill. Med. J., 63:5:473-79.

Articles (continued)

Case presentation amyloid tumor of upper air passage. Arch. Otolar., 15:945.

Reviews:

Literature on otorhinolaryngology for 1930-32, in "Sajou's Analytic Cyclopedia of Practical Medicine," 10th rev. ed., vol. XI, sup. 1932.

HALPERN, LOUIS JOSEPH, B.S., M.D.
Instructor in Pediatrics
See I. Pilot.

HAM, CLARENCE WALTER, M.E.
Professor of Machine Design

Articles:

With D. G. Ryan:

An experimental investigation of the friction of screw threads. Ill. Eng. Exp. Sta. Bul. 247. 62 pp. (19,000)

HAMILTON, TOM SHERMAN, M.S.
Associate in Animal Nutrition

Articles:

Under what conditions are mineral supplements other than salts of calcium and phosphorus necessary in feeding farm animals. Proc. Amer. Soc. Animal Prod., 1932:317-43. (10,000)

The effect of the amount of feed consumed by cattle on the utilization of its energy content. J. Agr. Res., 45:3:163-91. (15,000)

See also H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.
Professor of History

Articles:

The minor stocks in the American population of 1790. An. Rpt. Amer. Hist. Assoc., 1931:360-97. (22,500)

The population of the American outlying regions in 1790. *Ibid.*, 1931:398-408. (5000)

A century of Norwegian-American progress and the future. Norden, 4:3:9-11. (2000)

Reviews:

The religious aspects of Swedish immigration: a study of immigrant churches, by George M. Stephenson. Amer. Hist. Rev., 38:2:385-86. (400)

HARDY, VERNAL RICHARD, Ph.D.
Special Research Assistant in Chemistry
See G. F. Smith.

HARNO, ALBERT JAMES, B.S., LL.B., LL.D., Professor of Law, Dean of the College of Law, and Provost

Articles:

Lights and shadows in qualifications for the bar. Bar Examiner, 11:1:14-25. Amer. Law Sch. Rev., 7:7:582-90. (6000)

Social planning and perspective through law. Amer. Bar Assoc. J., 19:4:201-06. *Ibid.*, 7:8:705-15. Handbook Assoc. Amer. Law Sch., 1932. (7000)

HARTUNG, ADOLPH, M.D.
Professor of Radiology

Articles:

With J. Freedman:

Pulmonary syphilis—a report of three cases of acquired lung syphilis in adults, with particular reference to roentgen aspects. J. A. M. A., 98:1969-72. (5400)

HASSIN, GEORGE BORIS, M.D.

Professor of Neurology and Psychiatry

Articles:

Histologic studies in meningitis. *Arch. Neurol. Psychiat.*, 28:4:789-809. (3000)Amyotrophic lateral sclerosis complicated by subacute combined degeneration of the cord: clinical and pathologic report of a case. *Ibid.*, 29:1:125-36. (2000)Abscess and thrombosis of the superior longitudinal sinus: clinico-pathologic report of a case. *Ibid.*, 29:2:359-67. (1800)Paraplegia in flexion and the symptom of lhermitte: subacute combined degeneration of the cord. *Ibid.*, 29:4:855-60. (1600)

Reviews:

Fleckfieber und Nervensystem, by N. Hirschberg. *J. A. M. A.*, 99:9:781.La Syringobulbie, Contribution à la physiopathologie du tronc cérébral, by N. Jonesco-Sisesti. *Ibid.*, 99:8:680.Contributions from the Ukrainian Psychoneurologic Institute: vegetative life and the nervous system, by A. I. Heymanovich. *Ibid.*, 100:2.Die juvenile amaurotische Idiotie, by F. Sjögren. *Ibid.*, 100:16.Cytology and cellular pathology of the nervous system, by W. Penfield. *Ibid.*, 99:4:329. *Arch. Int. Med.*, 50:3:508.Histopathology of the central nervous system, by D. Bouman and D. S. T. Bock. *Arch. Path.*, 14:2:293.**HAYES, WILLIAM PATRICK, Ph.D.**

Associate Professor of Entomology

Articles:

Insects, their habits and control. *Nat. Greenkeeper and Turf Culture*, 7:4:8-13. (3600)**HEDBLUM, CARL ARTHUR, M.D., Ph.D., D.Sc.**

Professor of Surgery and Head of the Department

Articles:

Tuberculous empyema. *Acta Chirurg. Scand.*, 71:311-38.The surgical treatment of tuberculous empyema. *J. Thor. Surg.*, Dec., 1932.The diagnosis and treatment of diaphragmatic hernia with special reference to a selective surgical treatment. *So. Surg.*, 1:4:275-86.The treatment of pulmonary abscess. *West. J. Surg. Obstet. Gyn.*, Mar., 1933.

With Willard Van Hazel:

Clinic of Drs. Carl A. Hedblom and Willard Van Hazel. *Surg. Clin. N. Amer.*, 12:5:1137-56.Contrast media roentgenography in thoracic surgery. *Amer. J. Roentgen. Radium Ther.*, 27:5.

Reviews:

Über die neuere Entwicklung der chirurgischen Behandlung der Lungentuberculose, by R. Nissen. *J. A. M. A.*, July 9, 1932.Primary carcinoma of the lung—bronchiogenic cancer—a clinical and pathologic study, by B. M. Fried. *Ibid.*, July 23, 1932.**HERROLD, RUSSELL DORR, B.S., M.D.**

Assistant Professor of Surgery

Articles:

Laboratory urology and status of research. *Cyclopedia of Medicine* (F. A. Davis Co., Phila.), 7:980-90. (5000)Debatable questions on the management of gonorrhea in the male. *Urol. Cutan. Rev.*, 36:7:441-48. (7700)

With Earl E. Ewert:

Chronic foci of infection in the kidney and bladder. *Ibid.*, 36:8:506-08. (1700)Chronic infections of the kidney and bladder. *Boletín de la Asociación Médica de Puerto Rico*, 25:1:6-9. (1600)**HESS, JULIUS HAYES, M.D.**

Professor of Pediatrics and Head of the Department

Articles:

Premature infants. *Med. Clin. N. Amer.*, Sept., 1932, pp. 477-91.Immature and premature infants. *Cyclopedia of Medicine* (F. A. Davis Co., Phila.), 1933.**HICK, FORD KIMMEL, B.S., M.D.**

Instructor in Internal Medicine

Articles:

Carcinoma of the pancreas. *Med. Clin. N. Amer.*, 17:547. (2000)Pancreatic cysts. *Ibid.*, 17:554. (2000)**HILLER, ERNEST THEODORE, Ph.D.**

Associate Professor of Sociology and Acting Head of the Department

Books:

Principles of sociology. Harpers, N. Y. 1933. 661 + xlx pp.

HOLMES, RALPH M., A.M.

Instructor in Music

Articles:

The evaluation of musical performance. *Mus. Superv. J.*, 19:2:23. (1200)**HOLT, HAROLD WRIGHT, A.B., LL.B., S.J.D.**

Professor of Law

Articles:

Illinois annotations, restatement of contracts. *Ill. Law Rev.*, 27:39-47, 154-71. (6000)**HOPKINS, B. SMITH, Ph.D., D.Sc.**

Professor of Inorganic Chemistry

Books:

Charles James, the chemist. Chapter 4 in *The Life and Work of Charles James*. Northeast Section of the American Chemical Society, Boston. 1932. (1700)

Articles:

Extremes of nature. *Sci. Monthly*, Sept., 1932, pp. 193-202. (6350)

With H. G. Dawson:

An experiment in visual education in elementary college chemistry. *Educ. Screen*, May, 1932, pp. 136-37, and June, 1932, pp. 169-72. (4200)

With L. L. Quill:

The use of non-aqueous solvents in the study of the rare earth group. *Proc. Nat. Acad. Sci.*, 19:64-68. (1200)

HOPKINS, B.S.—Articles (continued)

With R. E. Meints and L. F. Audrieth:
Elektrolytische Herstellung der Amalgame du seltenen Erden. II. Zersetzung des Lanthan-amalgams zur Gewinnung des freien Metals. Zeits. anorg. allgem. Chemie, 22:237-40. (1200)

Reviews:

Chemistry in the service of many, by Alexander Findlay. J. Chem. Educ., 9:1135. (325)

The preparation of pure inorganic substances, by E. H. Archibald. J. A. C. S., 54:2572-73. (450)

HOTTES, CHARLES FEDERICK, Ph.D.

Professor of Plant Physiology and Head of the Department of Botany

Articles:

The American deciduous cypress. Home Geog. Mo., 1:113-19. (2300)

HUDELSON, ROBERT R., A.M.

Assistant Dean of the College of Agriculture and Superintendent of Agricultural College Extension (with the rank of Associate Professor)

Articles:

Technique of extension use of materials from farm accounting associations. J. Farm Econ., 15:2:294-304. (4500)

With H. C. M. Case, P.E. Johnston, and others:

A series of 37 annual farm business reports for counties or groups of counties in Illinois. Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo. nos. 343-79.

HUELSEN, WALTER A., M.S.

Associate Professor of Olericulture

Articles:

Efficiency factors and their use in determining optimum fertilizer ratios. J. Agr. Res., 45:11:675-704. (15,000)

HUNTER, MERLIN HAROLD, Ph.D.

Professor of Economics

Books:

The expenditure of state funds in Illinois. Ill. Bur. Bus. Res. Bul. 43. 40 pp.

Cost of township and county government in Illinois. *Ibid.*, 45. 31 pp.

Articles:

National expenditures and revenues. Amer. Yr. Bk., 1932, pp. 186-92. (5000)

State finances. *Ibid.*, pp. 203-06. (2500)

Municipal finances. *Ibid.*, pp. 206-11. (1500)

Keeping up with the Joneses in public expenditures. Barron's, 18:8:3, 8. (3000)

Commercial motor transportation. Traffic World, 1:17:755-57. (3500)

Taxation of commercial motor transportation. Assoc. Traffic Clubs Bul., 1:16:106-08. (3500)

HUNTINGTON, WHITNEY CLARK, M.S., C.E.

Professor of Civil Engineering and Head of the Department

Reviews:

With Paul Nielsen:

Wind bracing connection efficiency. Proc. Amer. Soc. Civil Eng., 58:7:1217-20. (1000)

Reviews (continued)

Principal stresses in dams. *Ibid.*, 58:10:1797-1801. (1500)

HYNEMAN, CHARLES S., Ph.D.

Assistant Professor of Political Science

Articles:

With C. M. Kneier:

Recent publications of political interest (compilation). Amer. Pol. Sci. Rev., 26:3:599-622; 4:784-806; 5:977-88; 6:1152-69; 27:1:160-78; 2:341-64. (50,000)

Reviews:

Township government in Indiana, by Clyde F. Snider. Ind. Univ. Alum. Qtr., 20:1:81-82. (740)

INGRAHAM, RAYMOND CLIFFORD, Ph.D.

Assistant in Physiology in the College of Medicine

See M. B. Visscher.

JAFFE, RICHARD HERMAN, M.D.

Professor of Pathology

Articles:

Inflammatory defense reactions in leukemia. Arch. Path., 14:177-203. (11,000)

Tuberculosis and leukemia. Amer. Rev. Tuberc., 27:32-46. (7000)

Herz Klappenveränderungen in Endocarditis. Virchows Archiv., 287:379-92. (5000)

Adeno lymphoma of parotid gland. Amer. J. Cancer, 16:1415-23. (4000)

Erythropoiesis in leukemia. Folia Haematologica, 49:51-63. (5000)

JEFFERSON, BERNARD LEVI, Ph.D.

Professor of English

Books:

With P. N. Landis, A. W. Secord, and J. F. Ernst:

Literary studies for rhetoric classes. Rev. ed. Thomas Nelson and Sons, N. Y. 1932. xiii + 835 pp.

Articles:

Crediting high school pupils for freshman college composition. Ill. Assoc. Teach. Engl. Bul., 25:6:1-17. (4000)

JENKINS, RICHARD LEOS, A.B., M.D.

Associate in Criminology, Social Hygiene, and Medical Jurisprudence

Articles:

Periodicals for child guidance clinics. Mental Hygiene, 26:188-98. (900)

The study of the type as a statistical method. J. Juvenile Res., 17:1-9. (2430)

With Luton Ackerson:

The etiology of mongolism. Amer. J. Dis. Children, 45:506-19. (4700)

JOANNIDES, MINAS, M.S., M.D.

Associate in Surgery

Articles:

The mechanics of eructation: a heretofore undescribed function of the diaphragm. J. Thor. Surg., 2:280-83 (1000)

JOHNSTON, PAUL EVANS, Ph.D.

Assistant Professor of Farm Organization and Management

See Robert R. Hudelson.

KADOW, KENNETH JOHN, M.S.

Assistant Pathologist in Horticulture

Articles:

With Leon K. Jones:

Fusarium wilt of peas with special reference to dissemination. Wash. Agr. Exp. Sta. Bul. 272. 30 pp. (16,000)

See also H. W. Anderson.

KAMMLADE, WILLIAM GARFIELD, Ph.D.

Assistant Professor of Sheep Husbandry

See J. L. Edmonds.

KAMPMEIER, OTTO FREDERIC, Ph.D., M.D.

Professor of Anatomy and Head of the Department

Articles:

The problem of coordination of medical libraries in Chicago. Proc. Inst. Med., June, 1932. 7 pp.

Some simple methods of preparing and mounting gross sections of the body, of illustrating microscopic sections, and of labeling specimens for the anatomical museum. Anat. Rec., 5: 55:395-401.

KAPLAN, SAMUEL, B.S., M.D.

Instructor in Obstetrics and Gynecology

Articles:

Blood chemistry study in normal pregnancy and eclamptogenic toxemia. Amer. J. Obstet. Gyn., 23:5:673. (1700)

KARTOON, LOUIS BERNARD, B.S., M.D.

Instructor in Internal Medicine

See Bernard Fantus.

KAUFMAN, SAMUEL L., M.D.

Associate in Ophthalmology

Articles:

Morgagnian cataracts and their complications. Arch. Ophthal., 9:1:55-63. (3000)

KELLEY, CORNELIA PULSIFER, Ph.D.

Instructor in English

Articles:

A postscript to Professor Berkelman's letter to his theme reader. Engl., J., College Ed., 22:3:232-34. (800)

Reviews:

Les années dramatiques and the prefaces of Henry James, by Leon Edel. J. Engl. Germ. Philol., 31:3:452-54. (1200)

KELLEY, VICTOR WENDELL, Ph.D.

Assistant Professor of Pomology

Articles:

Pruning apple trees in the pre-bearing and early-bearing periods. Trans. Ill. Hort. Soc., 66:548-62. (6000)

KAMMERER, KENNETH S., M.S.

Assistant in Chemistry

Articles:

With P. W. Boutwell:

Sulfur content of foods. Ind. Eng. Chem., Anal. Ed., 4:423. (1500)

KETCHUM, MILO SMITH, C.E., D.Sc.

Research Professor of Civil Engineering

Books:

The design of steel mill buildings. 5th ed. McGraw-Hill Book Co., N. Y. 632 + xx pp.

Articles:

Structural engineering. Amer. Yr. Bk., 1932, pp. 622-28. (5000)

KEYES, DONALD BABCOCK, Ph.D.

Professor of Chemical Engineering

Articles:

Impure science. Ill. Alum. News, 10:9: 366-67. (1200)

Pure air for our cities. Sci. Mo., 35:11: 427-30. (2000)

Research in the chemical engineering division at the University of Illinois. Ice and Refrig., 82:12:307-08. (1500)

New rotary type plate improves vacuum fractionating column. Nat. Petrol. News., Nov. 9, 1932. (3300)

The value of the determination of free energy change of organic reactions. Science, 77:1991:202-04. (2000)

Cooperative chemical engineering research in the University. Ind. Eng. Chem., 24:8:947-49. (2000)

Esterification processes and equipment. Ibid., 24:10:1096-1100. (8500)

With W. L. Faith and P. E. Peters:

Catalytic partial oxidation of alcohols in the vapor phase. IV. Ibid., 24:8:924-25. (2000)

With W. L. Faith and Sherlock Swann, Jr.:

Catalytic vapor-phase oxidation of tetra-alkyl methanes. Ibid., 25:2:224. (150)

With W. L. Faith:

The catalytic partial oxidation of ethyl alcohol in the vapor phase. The use of a liquid salt bath for temperature control. Ill. Eng. Exp. Sta. Bul. 252. (3000)

With Sherlock Swann, Jr.:

The extraction of tubercle bacilli with organic solvents. In *The Chemistry of Tuberculosis*, by H. G. Wells and E. R. Long, 1932, pp. 61-62. (180)

KING, EVERETT EDGAR, A.B., M.C.E.

Professor of Railway Civil Engineering

Articles:

A test of the durability of signal-relay contacts. Ill. Eng. Exp. Sta. Bul. 250. 18 pp.

KISTLER, SAMUEL STEPHENS, Ph.D.

Assistant Professor of Chemical Engineering

Articles:

On the nature of coagulation, viscosity, and thixotropy in colloidal systems. J. Phys. Chem., 36:2948-66.

KLEIN, REUBEN ISADORE, M.S., M.D.

Instructor in Pathology and Bacteriology

Articles:

With Theodore Cornbleet:

Capillary permeability in disorders of the skin. Arch. Derm. Syph., 26:21-26. (1500)

KNEIER, CHARLES MAYARD, Ph.D.

Assistant Professor of Political Science

Articles:

With C. W. Hyneman:

Recent publications of political interest (compilation). Amer. Pol. Sci. Rev., 26:3:599-622; 4:784-806; 5:977-88; 6: 1152-69; 27:1:160-78; 2:341-64. (50,000)

KOEHLER, BENJAMIN, Ph.D.

Associate Professor of Crop Pathology

Articles:

With F. R. Jones:

Alfalfa wilt as influenced by soil temperature and soil moisture. Ill. Agr. Exp. Sta. Bul. 378, pp. 39-79. (12,050)

With J. R. Holbert and C. Elliott:

Bacterial leaf blight of dent corn. Phytopathology, 23:1:15-16. (200)

KONZO, SEICHI, M.S.

Special Research Associate in Mechanical Engineering

See A. P. Kratz.

KORDENAT, RALPH AUGUST, M.S., M.D.
Assistant Professor of Surgery

Articles:

Lumbar sympathetic ramisection for relief of pain due to carcinoma of uterus. Ill. Med. J., 62:503-05.

KRAEHENBUEHL, JOHN OTTO, M.S., E.E.
Assistant Professor of Electrical Engineering

Articles:

With M. A. Faucett:

Testing the meter tester. Elec. World, 100:6:180-81. (1000)

KRASE, NORMAN WILLIAM, Ph.D.
Associate Professor of Chemical Engineering

Books:

Fixed nitrogen, chapter VII. Chemical Catalog Co., N.Y. 1932. 18 pp.

Annual survey of American chemistry, vol. VI, chapter 13. *Ibid.* 3 pp.

Articles:

With A. H. Macmillan:

High speed agitation under pressure. Ind. Eng. Chem., 24:9:1001-02. (2000)

KRATZ, ALONZO PLUMSTEAD, M.S.
Research Professor of Mechanical Engineering

Articles:

Insulation—an important factor in air conditioning. Amer. Artisan, Nov. and Dec., 1932. (3000)

With A. C. Willard and S. Konzo:

Investigation of warm air furnaces and heating systems. V. Ill. Eng. Exp. Sta. Bul. 246. 155 pp.

With M. K. Fahnestock and E. L. Broderick:

Tests of convectors in warm wall testing booth. Heating, Piping, and Air Conditioning, J. Sec., 4:7:502-08. (3700)

*With E. L. Broderick:*Study of the application of thermocouples to the measurement of wall surface temperatures. *Ibid.*, 4:9:633-38. (3500)*With S. Konzo:*Study of summer cooling in the research residence at the University of Illinois. *Ibid.*, 5:2:115-126. (8300)**KRUGER, P. GERALD, Ph.D.**

Assistant Professor of Physics

Articles:

A large grazing incidence spectrograph. Rev. Sci. Instr., 4:128-30.

Gamma radiation and its relation to nuclear structure. Phys. Rev., 40:727-30.

Articles (continued)

*With C. F. Gibbs and E. H. Williams:*Nuclear moment of barium as determined from the hyperfine structure of the BaII lines. *Ibid.*, 41:322-26.*With R. C. Wagner:*A note on the hyperfine structure of beryllium lines. *Ibid.*, 41. p. 373.**KUBITZ, OSKAR ALFRED, Ph.D.**

Instructor in Philosophy

Books:

Development of John Stuart Mill's System of Logic. Univ. Ill. 1932. 310 pp.

KUDO, RICHARD ROKSABRO, D.Sc.

Assistant Professor of Zoology

Articles:

Notes on myxosporidia. J. Parasit., 19:2:169.

Reviews:

Ronald Ross: discoverer and creator, by R. L. Mégroz. Tokio Med. News, 2776:37.

Das Mikroskop und seine Anwendung, by H. Hager and F. Tobler. *Ibid.*, 2814:37.Lehrbuch der Helminthologie, by C. E. W. Sprehn. *Ibid.*, 2814:37.

Life by seashore, by M. Newbigin and R. Elmhirst. J. Zool. Soc. Japan, 44:522:164.

The regulation of size as illustrated in unicellular organisms, by E. F. Adolph. *Ibid.*, 44:526:340.The history of science and the new humanism, by G. Sarton. *Ibid.*, 44:527:340.**KUHLMAN, ALVIN FREDERICK, M.S.**

Instructor in Dairy Husbandry

Articles:

With W. W. Yapp:

Breeding results in a herd of cattle infected with contagious abortion. Proc. Amer. Soc. An. Prod., 1932:277-81.

KUNZ, JAKOB, Ph.D.

Professor of Mathematical Physics

Articles:

Theory of electromagnetic and electrostatic induction in electrodeless discharges. Phil. Mag., 13:964.

Über die klassische Verteilung der Elektronen im photoelectrischen Effekt der Röntgenstrahlen. Phys. Zeits., 34:219.

Erhaltung der Energie des Impulses im photoelectrischen Effekt. *Ibid.*, 34:218.**LACKNER, JULIUS ERNEST, B.S., M.D.**

Assistant Professor of Obstetrics and Gynecology

Articles:

A critical review of the gynecological literature of 1931. Amer. J. Obstet. Gyn., 24:2:297.

LARSON, LAURENCE MARCELLUS, Ph.D., LL.D.

Professor of History and Head of the Department

Books:

History of England and the British Commonwealth. Rev. ed. Henry Holt and Co., N.Y. 1932. 916 pp.

Articles:

Great Britain. World Book Annual for 1932. (2400)

Reviews:

England und die Gesittungsgrundlage der Europäischen Frühgeschichte, von Gustav Hübener. J. Engl. Germ. Philol., 32:245-48. (1400)

Handbuch der Englandkunde, Erster Teil, mit Beiträgen von M. Deutschbein et al. *Ibid.*, 32:272-75. (1400)

A history of Sweden, by Andrew A. Stomberg. Amer. Hist. Rev., 37:4:735-36. (500)

LARSON, REINHOLD FRIDTJOF, M.S.
Instructor in Mechanical Engineering
See F. G. Straub.

LASH, ABRAHAM FAE, M.D., Ph.D.
Assistant Professor of Obstetrics and Gynecology

Articles:

Puerperal sepsis: B. Welchii, fatal types. Amer. J. Obstet. Gyn., 25:2:288-98. (4000)

Reviews:

Puerperal infection, by J. R. Goodall. Surg. Gyn. Obstet., vol. 54.

The development of the mercurochrome technique in obstetrics, by H. W. Mayes. *Ibid.*, 54:529. (600)

The relation of the vaginal reaction and flora during pregnancy to the occurrence of puerperal sepsis, by W. R. Logan. J. Obstet. Gyn. Brit. Emp., 38:788. (1000)

The immediate and remote prognosis of pyelitis of pregnancy and the puerperium, by G. H. Dodds. *Ibid.*, 39:46. (500)

LEDERER, FRANCIS LOEFFLER, B.S., M.D., Professor of Laryngology, Rhinology, and Otology, and Acting Head of the Department

Articles:

Case presentations of otolaryngology. Arch. Otol., 15:945.

Various articles on otolaryngology in "Cyclopedia of Medicine," Vols. 1-7, F. A. Davis Co., Phila.

Transactions of the Chicago Laryngological Society, 1932.

Reviews:

Literature on otolaryngology in "Sajous's Analytic Cyclopedia of Practical Medicine," 10th rev. ed., vol. 11, sup., 1932. F. A. Davis Co., Phila.

LEDGERWOOD, RICHARD CARNES, A.M.
Assistant in Psychology

Articles:

Measurement of the appeal of performances in the theater. J. Applied Psych., 16:4:403-05. (800)

A comparison of methods in determining the affective value of words. Amer. J. Psych., 44:796-97. (700)

LEE, FREDERIC EDWARD, Ph.D.
Professor of Economics

Articles:

Balancing Britain's budget in 1932. Barron's, 12:22:5. (2800)

New banking laws for China. *Ibid.*, 12:34:20. (3000)

The debt problem must be solved. *Ibid.*, 13:13:5. (4500)

Chinese banking. Bankers' Mag., 125:3:239-43. (3500)

Articles (continued)

China to abandon silver standard. Chicago J. Com., 12:292:6. (3500)

One year of the R.F.C. *Ibid.*, 13:111:1, 4; 112:4; 113:6. (6000)

1932 performance of British 'Big Five' banks. *Ibid.*, 13:151:6. (4000)

LEHMANN, EMIL WILHELM, B.S., E.E.
Professor of Agricultural Engineering and Head of the Department

Articles:

Getting the most out of power. Capper's Farmer, April, 1933. (1800)

Corn as a fuel. Ill. Agr. Exp. Sta. Mimeo., 5 pp. (5000)

Electric refrigerators on farms. Agr. Leaders' Digest, p. 29. (460)

LEVINE, VICTOR, B.S., M.D.
Instructor in Pathology

Articles:

Normal fat content of the Kupffer cells. Arch. Path., 14:345-52. (3300)

Angiomatous malformations of the brain. *Ibid.*, 15:340-51. (5200)

LEVINSON, SAMUEL AZOR, M.S., M.D.
Assistant Professor of Pathology and of Internal Medicine, Director of the Hospital Laboratory, and Hospital Pathologist

Books:

With R. P. MacFate:

Handbook of clinical laboratory medicine. Univ. Ill., Chicago. 1933. 215 pp.

Articles:

With R. I. Klein:

Effect of reticulo-endothelial blockade on uric acid of blood. Proc. Exp. Biol. Med., 1932:29:885.

With A. Learner:

Blood cysts on the heart valves of newborn infants. Arch. Path., 4:810.

LINDSLEY, DONALD B., Ph.D.
Instructor in Psychology

Articles:

With L. E. Travis:

An action current study of handedness in relation to stuttering. J. Exp. Psych., 16:258-70.

LINDSTROM, DAVID EDGAR, M.S.
Associate in Rural Sociology

Books:

Local group organization among Illinois farm people. Ill. Agr. Exp. Sta. Mimeo. 1933. 45 pp.

See also Sybil Woodruff:

LITTLETON, ANANIAS CHARLES, Ph.D., C.P.A.

Professor of Accountancy and Assistant Director of the Bureau of Business Research

Articles:

Creditors' interest in surplus. C. P. A., 13:4:199-202. (3600)

Die Ausbildung des Revisors in der Vereinigten Staaten von Amerika. Die Betriebswirtschaft, 25:10:235-73. (3500)

Capital and surplus. Acct. Rev., 7:4:290-93. (2500)

With Henry R. Hatfield:

A check list of early bookkeeping texts. *Ibid.*, 7:3:194-206.

LLOYD, JOHN WILLIAM, Ph.D.

Professor of Olericulture

Articles:

Some grading and packing problems. *Trans. Ill. Hort. Soc.*, 66:433-39. (2100)

Adjusting vegetable production to demand. *An. Rep. Ill. State Veg. Growers' Assoc.*, 2:30-33. (3100)

Spinach early and late. *Ill. Agr. Exp. Sta. Circ.* 404. (3200)

Growing and marketing muskmelons. *Ibid.*, Circ. 405. (8000)

With H. M. Newell:

Causes of damage to fruits and vegetables during shipment. *Ibid.*, Bul. 379. (18,000)

Air circulation and temperature conditions in refrigerated carloads of fruit. *Ibid.*, Bul. 381. (22,000)

LOCKLIN, DAVID PHILIP, Ph.D.

Assistant Professor of Transportation

Articles:

The literature on railway rate theory. *Qt. J. Econ.*, 47:2167-230. (24,500)

LOHMANN, KARL BAPTISTE, B.S., M.L.A.

Professor of Landscape Architecture

Articles:

Making our communities more garden-like. *Land. Arch. Qt.*, 23:15-23. (1650)

Planning beyond the urban border. *Ill. Munic. Rev.*, Jan., 1933, pp. 5-6. (1600)

Sculpture in the out-of-doors. *Parks and Recreation*, 15:685-92. (2300)

Expressions of character in the created landscape. *Amer. Land. Arch.*, June-July, 1932, pp. 8-10. (1650)

LOUNSBURY, RAYMOND HARVEY, Ph.D.

Associate in Economics

Articles:

With Charles O. Hardy:

Velocity concepts—a criticism and a reply. *Qt. J. Econ.*, 46:3:566-74. (3000)

Reviews:

L'or et sa distribution mondiale, by Albert Aftalion. *Amer. Econ. Rev.*, 22:4:751-53. (800)

LOW, ABRAHAM ADOLPH, M.D.

Assistant Professor of Neurology and Psychiatry

See H. Douglas Singer.

LYTLE, ERNEST BARNES, Ph.D.

Associate Professor of Mathematics

Articles:

A mathematician's work. *Ill. Alumni News*, 11:4:115-16. (1300)

McDANIELS, HERBERT ELI, M.S.

Instructor in Bacteriology

Articles:

Leucocyte counts and bacteremia studies in rats orally immunized against pneumococci. *Proc. Soc. Exp. Biol. Med.*, 29:897-98. (550)

With V. M. Ryan and M. Boyer:

Motility in the examination for *B. typhosus* and related pathogens. *Ibid.*, 29:404-06. (680)

With John Neal:

Filter-passing bacteria in polluted water. *Ibid.*, 30:115-17. (940)

McDOUGAL, MYRES SMITH, A.M., J.S.D.

Assistant Professor of Law

Articles:

Tax notes on recent Illinois decisions. *Nat. Tax Assoc. Bul.*, Oct., 1932; Feb., 1933. (2400)

Reviews:

Cases on municipal corporations, by Tooke. *Ill. Law Rev.*, 27: 469. (1025)

The education of Jeremy Bentham, by Everett. *Ibid.*, 27:580. (840)

McGUIGAN, HUGH ALISTER, Ph.D., M.D.

Professor of Pharmacology, Materia Medica, and Therapeutics, and Head of the Department

Reviews:

Biochemistry in internal medicine, by Max Trumper and Abraham Cantarow. *J. Amer. Med. Assoc.*, 99:160. (330)

Materia medica, pharmacology, and Therapeutics, by Walter A. Bastedo. *Ibid.*, 99:1107. (330)

Laboratory manual of physiological chemistry, by D. Wright Wilson. *Ibid.*, 100:284. (260)

McMUNN, RICHARD LACEY, M.S.

Associate in Pomology

Articles:

Economic apple orchard practices. *Trans. Ill. Hort. Soc.*, 66:324-32. (2200)

See also M. J. Dorsey.

MARVEL, CARL SHIPP, Ph.D.

Professor of Organic Chemistry

Books:

With F. C. Whitmore, Roger Adams, W. H. Carothers, H. T. Clarke, J. B. Conant, and Henry Gilman:

Organic syntheses, Vol. 12. John Wiley and Sons, N. Y. 1932. vii + 96 pp.

Articles:

With R. L. Shriner and M. T. Goebel:

The directive influence of the alkylsulfonamido and dialkylsulfonamido groups. *J. A. C. S.*, 54:2470-76. (3000)

With J. Harmon:

Phenyl substituted aliphatic acids. *Ibid.*, 54:2515-27. (6000)

Rearrangements of polyines. IV. Tetraphenyldi-(3-methyl-3-ethyl-pentynyl-1)-ethane. *Ibid.*, 55:1716-22. (3000)

With H. E. Munro:

Rearrangements of polyines. II. Tetraphenyldiphenyl-ethynylethane. *Ibid.*, 54:4445-50. (3000)

With L. F. Halley:

Rearrangements of polyines. III. Syntheses of bis-1,1'-(1,3-diphenylindyl). *Ibid.*, 54:4450-54. (2000)

With Vladimir C. Sekera:

Higher alkyl sulfonates. *Ibid.*, 55:345-49. (2800)

With C. F. Gibbs and E. R. Littmann:

Quaternary ammonium salts from halogenated alkyl dimethylamines. II. Polymerization of Gamma-Halogenopropyl dimethylamines. *Ibid.*, 55:753-57. (2200)

With A. T. Blomquist:

Reactions of some substituted divinyl-lactylenes. *Ibid.*, 55:1655-62. (4800)

With M. T. Goebel:

The oxidation of Grignard reagents. *Ibid.*, 55:1673-96. (2000)

MATHEWS, JOHN MABRY, Ph.D.

Professor of Political Science

Books:

The American constitutional system.
McGraw-Hill Book Co., N. Y. 1932.
xvii + 468 pp.

Articles:

The United States and world affairs.
Amer. Yr. Bk., 1932:59-66. (5000)
National and interstate relations of
states. *Ibid.*, 125-27. (2000)
State administration. *Ibid.*, 132-36.
(2500)

MAYS, ARTHUR BEVERLY, A.M.

Professor of Industrial Education

Articles:

The contribution of teacher-training in-
stitutions to the adequate presentation
of the philosophy of industrial educa-
tion. Summary of report. Proc.
Miss. Vall. Conf. on Training of Ind.
Art Teachers, Dec., 1932, pp. 29-31.
(600)
The significance of the practical arts in
modern education. High Sch. Qt.,
20:4:184-89. (2800)
The practical arts and integration of the
curriculum. Sch. Rev., 41:1:51-55.
(1500)
The practical arts teacher. Ind. Arts
Voc. Educ. Mag., 22:3:133-35. (2300)

MELNICK, PERRY JULIUS, M.S., M.D.

Associate in Pathology and Bacteriology

Articles:

Metastasizing leiomyoma of the stomach.
Amer. J. Cancer, 16:4:890-902. (3000)
Fibromyoma of the breast. Arch. Path.,
14:794-98. (1500)

METCALF, CLELL LEE, D.Sc.

Professor of Entomology and Head of the
Department

Books:

With W. P. Flint:

Insects, man's chief competitors. Wil-
liams and Wilkins Co., Baltimore.
1932. viii + 133 pp.

Articles:

An obscure Temnostoma differentiated
by its larval characters. Ann. Ent.
Soc. Amer. 26:1:1-8. (2500)

MEYER, CURTIS ERDMUND, M.S.

Assistant in Chemistry

Articles:

With Vincent du Vigneaud:

The racemization of amino acids in
aqueous solution by acetic anhydride.
J. Biol. Chem., 98:295-308. (5000)
The temporary formation of the azlactone
ring in the racemization of acyl
derivatives of amino acids with acetic
anhydride. *Ibid.*, 99:143-51. (2500)

MEYER, JACOB, M.S., M.D.

Associate Professor of Internal Medicine

Articles:

With Dorothy Fetter and Alfred A.
Strauss:

Relation of pain of peptic ulcer to gas-
tric motility and acidity. Arch. Int.
Med., 50:338-47.

With Henry H. Rubin:

Effect of alkalis on experimental peptic
ulcer. Arch. Surg., 26:684-88.

MICHAEL, VIOLA MAE, A.B.

First Assistant in Animal Pathology

Articles:

With Robert Graham:

Studies on incubator hygiene. II. Ger-
micidal effect of formaldehyde, re-
leased by potassium permanganate and
cheesecloth. Poultry Sci., 11:4:197-207.
(5200)
Incubator hygiene in the control of pul-
lorum disease. Ill. Agr. Exp. Sta.
Circ. 403. (4800)

MICHAELS, WALTER HERMAN, Ph.D.

Associate in Olericulture

Articles:

Relation of lenticels and surface area to
respiration in the potato tuber. Bot.
Gaz., 94:416-18. (1000)

MICHAUD, RÉGIS, A.M.

Professor of Romance Languages

Books:

Vingtième siècle—an anthology of the
new French prose and poetry. Harp-
ers, N. Y. 1933. xxxii + 505 pp.

MILES, RUSSELL HANCOCK, M.Mus.

Associate Professor of Music

Books:

Accompaniment, for symphony orchestra,
to the original cantata "The Pome-
granate." H. W. Gray Co., N. Y.
1933. 90 pp.

MILUM, VERN G., Ph.D.

Assistant Professor of Entomology

Articles:

A national beekeepers' organization.
Beekeepers' Item, 17:13-16. (2000)
Illinois honey—a useful sweet. Ill. Agr.
Ext. Serv., Circ. 99. 5 pp.

Reviews:

Illinois State Beekeepers' Association,
bimonthly bulletin, 11:9-24.

MITCHELL, DAVID RAY, M.S., E.M.

Assistant Professor of Mining Engineering

Articles:

Discussion on growth of coal prepara-
tion in smokeless fields of West Vir-
ginia. Trans. A. I. M. E., Coal Di-
vision, 101:71. (350)
Discussion on physical and chemical
properties of coal in relation to clas-
sification. *Ibid.*, 101:197. (650)

With C. M. Smith:

Coal cleaning problems in Illinois.
Trans. I. M. I., vol. 91. (5000)

MITCHELL, HAROLD HANSON, Ph.D.

Professor of Animal Nutrition

Articles:

Prohibition and the straw ballot. Sci.
Mo., 35:443-48. (2800)

With Martell Ellis:

The effect of the pasteurization of milk
on the utilization of its calcium for
growth in the rat. Amer. J. Physiol.,
104:1:1-9. (3700)

With T. S. Hamilton, et al.:

The effect of the amount of feed con-
sumed by cattle on the utilization of
its energy content. J. Agr. Res., 45:
3:163-91. (15,000)

MONROE, WALTER SCOTT, Ph.D.
Professor of Education and Director of
the Bureau of Educational Research

Books:

With Ruth Streit:

Directing learning in the elementary
school. Doubleday, Doran, and Co.,
N. Y. 1932. 480 pp.

Articles:

Doctor's degrees in education, 1923-1933.
Sch. and Soc., 37:289-90.

The demand and supply of high school
teachers in Illinois in 1932-1933.
Sch. Rev., 41:182-84.

Standardization of statistical symbolism.
J. Exp. Educ., 1:223-28.

With D. B. Stuit:

The interpretation of the coefficient of
correlation. *Ibid.*, 1:186-203.

With Max D. Engelhart:

The effectiveness of systematic instruction
in reading verbal problems in
arithmetic. Elem. Sch. J., 33:377-81.

Reviews:

Teaching procedures, by W. C. Rue-
diger. J. Educ. Res., 26:226-27.

MOORE, HERBERT FISHER, M.E., M.M.E.,
D.Sc., Research Professor of Engineering
Materials

Books:

With N. J. Alleman:

The creep of lead and lead alloys used
for cable sheathing. Ill. Eng. Exp.
Sta. Bul. 243. (9000)

With N. H. Roy and B. B. Betty:

A study of stresses in car axles under
service conditions. *Ibid.*, 244. (20,000)

Articles:

The calibration of testing machines. Inter-
nat. Assoc. for Testing Materials,
Congrès de Zurich, 1:2:482-91. (5000)

Test results and service values of ma-
terials. Iron Age, 130:10:365; 19:
724-25. (3600)

The fatigue of metals—its nature and
significance. Trans. A. S. M. E., Ap-
plied Mechanics Division, 1:1:15-18.
(3600)

Fatigue of metals—a backward glance.
Metals and Alloys, 3:9:195, 207.
(1300)

The present trend of engineering re-
search. J. Assoc. Amer. Univ., 34th
An. Conf., pp. 126-31. (2000)

Ductility: What is its significance?
How test for it? J. Amer. Welding
Soc., 2:4:35-36. (1500)

With R. E. Peterson:

The significance and limitations of fa-
tigue test results. Proc. A. S. T. M.,
32:1:142-45. (1100)

With T. S. Fuller and P. F. Mumma:

Corrosion-fatigue of metals. *Ibid.*, 32:
1:142-45. (1400)

With J. C. Othus and G. N. Krouse:

Full-load calibration of a 600,000-lb.
testing machine *Ibid.*, 32:2:778-82.
(1000)

Reviews:

Corrosion-fatigue of metals, by H. J.
Gough. Metals and Alloys, 4:3:39-40.

MORA, JACOB MORTON, B.S., M.D.
Assistant Professor of Surgery

Articles:

Appendicitis in measles. Arch. Path.,
14:757-65. (3000)

MOREY, LLOYD, A.B., B.Mus., C.P.A.
Professor of Accountancy, and Comptroller

Articles:

Uniform financial reports. J. Higher
Educ., 3:8:419-26. (2500)

Progress in municipal accounting. Comp-
troller, 5:3:1-2. (600)

Monthly editorials. Educ. Bus. Mgr.
Buyer, vols. 10 and 11. (10,000)

Reviews:

The reorganization of the financial ad-
ministration of the Dominican Repub-
lic, by Taylor G. Addison. Acct. Rev.,
7:3:224. (350)

MORGAN, NEWLIN DOLBEY, M.S., C.E.
Associate Professor of Architectural En-
gineering

See Hardy Cross.

MORROW, GLENN RAYMOND, Ph.D.

Professor of Philosophy

Articles:

With Dorrice R. Morrow:

Philosophy in France, 1931. Translated
from the French of Andre Lalande.
Phil. Rev., 42:1:1-30. (12,000)

Reviews:

Les mythes de Platon, by Perceval Frut-
iger. *Ibid.*, 41:6:629-33. (1500)

MOSHER, MARTIN LUTHER, M.Agr
Assistant Professor of Farm Management

Articles:

With J. B. Andrews and H. C. M. Case:
Farm bureau and farm management
service reports. Ill. Agr. Exp. Sta.,
Dept. Agr. Econ., Mimeo. 332-35.
(4800)

Three-years summary report of the farm
bureau and farm management service
on 280 farms. *Ibid.*, 339 (14,000)

MURPHY, FRANK GEORGE, B.S., M.D.

Assistant Professor of Orthopedics

Articles:

Injuries to the internal and external
lateral ligaments of the knee. A con-
servative method of treatment. J. A.
M. A., 99:1994-97. (5000)

MURPHY, LAWRENCE WILLIAM, A.M.,
Litt.D.

Professor of Journalism and Director of
the School of Journalism

Books:

History of the Illinois Press Association.
Hartman Printing Co., Springfield, Ill.
1933. 250 pp.

Articles:

The basic discipline. Nat. Printer-Journ.,
50:4:56. (1000)

Throw it out of court. *Ibid.*, 50:5:60.
(1500)

Classifying the journalism schools. *Ibid.*,
50:7:23. (1500)

As Ackerman sees it. *Ibid.*, 50:11:38.
(1200)

The newspaper's responsibility. *Ibid.*,
50:12:60. (1000)

The five year plan of study *Ibid.*, 51:
2:66. (1500)

Dictatorship or freedom. *Ibid.*, 51:3:42-
43. (2000)

Illinois press awards. *Ibid.*, 51:4:66.
(1000)

MYLONAS, GEORGE EMMANUEL, D.Phil.,
Ph.D.

Associate in Classics and in Architecture

Books:

Prehistoric Eleusis. (In Greek). Greek
Ministry of Education, Athens. 1932
183 pp.

Pre-Persian pottery from Olynthus.
Chapter in "Excavations at Olynthus,"
part V, pp. 15-63, pl. 18-43. Johns
Hopkins Press, Baltimore. 1933.

Articles:

Eleusis in the Bronze Age. A. J. A.,
36:104-17. (4500)

Notes on Greek migration. Stentor,
Feb., 1933, pp. 3-24. (3000)

Red figured crater from Eleusis. *Ephem-
eris Archaeologica*, 1931, pp. 53-68.
(5300)

Reviews:

Excavations at Olynthus. Parts III and
IV. The coins and the terracottas, by
David M. Robinson. Art and Ar-
chaeol., 33:6:328-29. (500)

Excavations at Eutresis in Boeotia, by
Hetty Goldman. *Ibid.*, 33:3:167. (300)

NAKAMURA, FRANK ISA, A.M.

Assistant in Animal Nutrition

See Reynold C. Fuson.

NEDZEL, ALEXANDER JOHN, M.D.

Associate Professor of Bacteriology

Articles:

Leucocytic concentration in skin and
trachea following external application
of heat and cold. *Proc. Soc. Exp.
Biol. Med.*, 29:402-03. (400)

Temperature changes in the liver in re-
lation to heat and cold on skin. *Ibid.*,
30:689-90. (300)

Temperature changes in trachea and
kidney in relation to heat and cold
on skin. *Ibid.*, 30:691-92. (300)

See also Lloyd Arnold.

NELSON, TELL, B.S., M.D.

Associate in Internal Medicine

See W. W. Welker.

NEVENS, WILLIAM BARBOUR, Ph.D.

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ing

Books:

See J. L. Edmonds.

Articles:

With D. D. Shaw:

The effect of dairy manufacturing pro-
cesses upon the nutritive value of milk.
I. The apparent digestibility of fresh
whole milk and of evaporated milk.
J. Nutr., 1932:5:485-94

The effect of dairy manufacturing pro-
cesses upon the nutritive value of milk.
II. The apparent digestibility of fresh
whole milk and of powdered whole
milk. *Ibid.*, 1933:6:139-50.

The relative digestibility by rats of the
milk of five breeds of dairy cattle. *J.
Agr. Res.*, 1933:46:463-72.

NEWBERGER, CHARLES, B.S., M.D.

Assistant Professor of Obstetrics

Articles:

Report of a case of congenital defect
in the diaphragm. *Amer. J. Obstet.
Gyn.*, 25:2:306-09. (1100)

NEWCOMB, REXFORD, A.M., M.Arch.,

A.I.A.

Professor of the History of Architecture
and Dean of the College of Fine and
Applied Arts

Books:

The colonial and federal house. J. B.
Lippincott Co., Phila. 1933. 174 pp.

Outlines of the history of architecture,
Part II—Medieval architecture. John
Wiley and Sons, N. Y. 1932. 308
pp.

Articles:

A brief history of rural architecture in
the United States. Chapter IV in
"Farm and Village Housing," Volume
VII of the President's conference on
home building and home ownership.
Edited by John M. Gries and James
Ford, Washington. (5775)

Architecture. *World Book Encyclopaedia*
for 1932. pp. 16-19. W. F. Quarrie
Co., Chicago. 1933. (1500)

NIELSEN, PAUL ELLSWORTH, M.S.

Instructor in General Engineering Draw-
ing

See W. C. Huntington.

NORTON, ETHAN ARLO, M.S.

Assistant Chief in Soil Survey Mapping

Articles:

With Eric Winters:

Pedological aspects of the genesis and
morphology of Illinois soils. *Proc.
and Papers and Internat. Cong. Soil
Sci.*, 5:118-31. (2400)

The genesis and morphology of the
prairie soils. *Amer. Soil Surv. Assoc.
Bul.*, 14:40-44. (2300)

See also R. S. Smith.

NORTON, LAURENCE JOSEPH, Ph.D.

Assistant Professor of Agricultural Eco-
nomics

Articles:

General economic situation and farm
finance. *Ill. Agr. Exp. Sta. Agr. Adj.
Booklet*, 1932, 25 pp. (11,000)

Preliminary summary of farm credit
survey made in 1932. *Ibid.*, 4 pp.
(1600)

Summary of questionnaires dealing with
some problems relating to financing
of farmers. *Great Lakes Banker*,
Nov., 1932. (1500)

Trends in production of American agri-
culture, 1919-1932, and certain facts
about corn. *Ill. Agr. Exp. Sta., Agr.
Econ., Mimeo.* 15. 15 pp. (6000)

With R. C. Ashby:

Price differences between four hog
markets used by Illinois stockmen.
Ill. Agr. Exp. Sta. Bul. 380. (12,000)

See also W. L. Burlison.

Reviews:

Discussion of papers on short-term
credit, 1932 meeting of the American
Farm Economic Association. *J. Farm
Econ.*, 15:2:3 pp. (1500)

NOYES, WILLIAM ALBERT, Ph.D., LL.D.,
Chem.D., D.Sc.

Professor of Chemistry, *Emeritus*

Books:

With W. Albert Noyes:

Modern alchemy. Charles C. Thomas,
Springfield, Ill. 1932. 219 pp.

NOYES, W. A.—Articles:

Science and religion. *The Tanager* (Grinnell College), March, 1933.

Reaction of compounds with even numbers of electrons. Nitrogen trichloride and nitrogen tetroxide. *J. A. C. S.*, 54: 3612-14. (1100)

Rediscovery of nitril chloride. *Ibid.*, 54: 3615-17. (1000)

Types of chemical reaction. *Ibid.*, 55: 656-61. (2000)

With *Erich Meitzner*:

Optically active diazo compounds. VI. Diazo-camphor. *Ibid.*, 54:3768-73. (2000)

O'CONOR, VINCENT JOHN, B.S., M.D.

Associate Professor of Genito-Urinary Surgery

Articles:

Bladder neck resection by combined method. *Urol. Cutan. Rev.*, 36:200-02.

Clinical significance of anomalies of upper urinary tract. *Ill. Med. J.*, 61:523.

Carbuncle of the left kidney. *Surg. Clin. N. Amer.*, 12:1259-65.

Reviews:

Monograph on surgical pathology of the genito-urinary organs, by Arthur E. Hertzler. *Surg. Gyn. Obstet.*, 54:976.

Diseases of the kidney, by W. Girling Ball. *Ibid.*, 55:678.

ODELL, CHARLES WATTERS, Ph.D.

Associate Professor of Education

Articles:

A test in educational measurements. *Sch. and Soc.*, 35:810-14. (3300)

Educational measurement in the secondary school. *J. Educ. Res.*, 26:81-89. (4000)

The effect of early entrance upon college success. *Ibid.*, 26:510-12. (1000)

OLDBERG, ERIC, M.D., Ph.D.

Assistant Professor of Neurological Surgery

Articles:

Abhängigkeit der calorischen Vestibularisreflexe vom Zustande der nervösen Zentren. *Zeits. f. Hals-Nasen-Ohrenheilk.*, 30:4:499-523.

The influence of section of the vestibular nerve on the single-shock reflex flexor response. *Brain*, 55:2:232.

Reflex release of flexor muscles by spinal section. *Ibid.*, 55:2:239.

Clinic of Dr. Eric Oldberg—chordotomy. *Surg. Clin. N. Amer.*, 12:5.

OLDFATHER, WILLIAM ABBOTT, Ph.D.

LL.D., Professor of the Classics and Chairman of the Department

Articles:

Levels of culture. *J. Mich. Schoolmasters' Club*, 67th meeting, pp. 99-101; *Proc. 12th Ohio Educ. Conf.*, Ohio Univ. Bul. 37:1:300-02.

Twelve articles on things Locrian. *Real-Encyc. der class. Altertumswiss.*, vols. 4 and 15.

Apuleius "Metamorphoses" 5 and 6. *Class. Philol.*, 27:4:463.

The rising of cold. *Class. Weekly*, 26: 13:99-100.

Reviews:

Heerwesen und Kriegführung der Griechen und Römer, by Kramayer and Veith. *Ibid.*, 26:2:13-14.

The Mycenaean origins of Greek mythology, by M. P. Nilsson. *Class. J.*, 28:5:380-83.

The early age of Greece, by William Ridgeway. *Ibid.*, 28:6:460-64.

OLKON, DAVID MORTIMER, A.M., M.D.

Assistant Professor of Neurology and Psychiatry

Articles:

Subacute combined degeneration of the spinal cord and report of a case. *J. Nerv. Ment. Dis.*, March, 1933. (1000)

ORTH, OSWALD SIDNEY, M.S.

Assistant in Physiology

See W. E. Burge.

OUTHOUSE, JULIA PRATT, Ph.D.

Assistant Professor of Nutrition

Articles:

With B. Hall:

The food value of milk. *Conn. Agr. Exp. Sta. Bul.* 340.

With H. Barto and S. Woodruff:

Some ways of cooking and using whole and cracked wheat. *Ill. Agr. Exp. Sta. Circ.* 382.

With L. B. Mendel:

The rate of growth. I. Its influence on the skeletal development of the albino rat. *J. Exp. Zool.*, 64:257-85.

PARMELEE, CULLEN WARNER, M.S.

Professor of Ceramic Engineering and Head of the Department

Articles:

With A. E. Badger and G. A. Ballam:

A study of a group of typical spinels. *Ill. Eng. Exp. Sta. Bul.* 248.

PARRY, JOHN JAY, Ph.D.

Associate Professor of English

Articles:

With Margaret Schlauch:

Arthurian bibliography for 1932. *Mod. Lang. Assoc. Amer.*, Arthurian Sec., Mimeo., N. Y. Univ. 1932. (5000)

Reviews:

Le haut livre du Graal Perlesvaus, by William A. Nitze and T. Atkinson Jenkins. *Speculum*, 7:570-72. (1200)

Arthurian legend in the seventeenth century, by Roberta Florence Brinkley. *Mod. Lang. Notes*, 48:267-68. (900)

PAUL, HARRY GILBERT, Ph.D.

Professor of English

Books:

Units in English. Lyons and Carnahan, Chicago. 1932. xxiv + 724 pp.

Articles:

A unit in speech training. *Bul. Ill. Assoc. Teach. Engl.*, 25:4:14-16. (1000)

Exploring the dictionary. *Ibid.*, 25:1:11-14. (1200)

The twenty-sixth annual meeting. *Ibid.*, 25:1:15-16. (700)

PEASE, THEODORE CALVIN, Ph.D.

Professor of History

Books:

The diary of Orville H. Browning, vol. 2. Ill. Hist. Library, Springfield. 1933. 698 pp.

Articles:

Hitt, Robert Roberts. Dict. Amer. Biog., 9:80-81. (600)
Hurlbut, Stephen Augustus. *Ibid.*, 9:425-26. (600)

Reviews:

Emotional currents in American History, by J. H. Denison. Miss. Vall. Hist. Rev., 19:2:298-99. (350)
Lincoln the unknown, by Dale Carnegie. *Ibid.*, 19:3:473-74. (250)
The theatre on the frontier: Early years of the St. Louis stage, by William G. B. Carson. *Ibid.*, 19:4:618. (200)

PETERSEN, WILLIAM F., B.S., M.D.

Professor of Pathology and Bacteriology

Articles:

Struensee. Ann. Med. Hist., 4:4:364-76.

With R. Hecht:

The contrary therapeutic and sex relationship of syphilis and tuberculosis. J. A. M. A., 99:108.

With B. Appelman

An intracutaneous methylene blue reaction. Proc. Soc. Exp. Biol. Med., 30:712.

PHIPPS, THOMAS ERWIN, Ph.D.

Associate Professor of Chemistry

Articles:

With R. Frisch, E. Segre, and O. Stern:
Process of space quantisation. Nature, 130:892-93. (750)

PILOT, ISADORE, B.S., M.D.

Associate Professor of Internal Medicine and of Pathology and Bacteriology

Articles:

Dermatitis venenata due to chrysanthemums. J. Allergy, 3:404. (1500)

With P. Aries and Shaffer:

Hemolytic streptococci in new born. Amer. J. Obstet. Gyn., 23:745-49. (2000)

With P. Rosenblum:

Sporadic septic sore throat in children due to S. epidemicus. Amer. J. Dis. Child., Nov., 1932. (2000)

With L. Amtman:

Lymphogranuloma, inguinale—report of 3 cases from Chicago. Arch. Derm. Syph., Nov., 1932. (2500)

With L. J. Halpern:

Pyopneumothorax in infants. J. Pediatrics, 11:444-47. (2000)

POLSON, JOSEPH ALBERT, B.S., M.E.

Professor of Steam Engineering

Books:

Internal combustion engines. Rev. ed. John Wiley and Sons, N. Y. 1933. 469 pp.

PONCHER, HENRY GEORGE, B.S., M.D.

Assistant Professor of Pediatrics

Books:

Chapters on blood, cod liver oil, and hemophilia, in the "National Encyclopedia," P. F. Collier and Son, N. Y. 1932.

Articles:

With Lindon Seed:

Exophthalmic goiter in children. Ill. Med. J., Jan., 1933. (4500)

With George Milles:

Cysts and diverticula of intestinal origin. Amer. J. Dis. Child., 45:5:1065-78. (5000)

Reviews:

Correlation of blood dyscrasias on hypothesis of bone marrow deficiency. J. A. M. A., 99:12:999. (1500)

Erythroblastosis fetalis. *Ibid.*, 99:23:1953. (1500)

Laboratory service and the general practitioner: An interpretation of pathological aids to diagnosis, by Renshaw. *Ibid.*, 100:6:447. (250)

Lehrbuch der klinischen Untersuchungsmethoden, vol. 3, by H. Sahli. *Ibid.*, 100:6:449. (600)

Our children, by Fisher and Gruenberg. *Ibid.*, 100:16:1283. (250)

Sex and internal secretions—a survey of recent research, by Edgar Allen. *Ibid.*, 100:20:1634. (700)

Differential diagnosis of endocrine disorders, by Allen W. Rowe. *Ibid.*, 100:18:1454. (1000)

POWELL, ALDEN LESLIE, A.M.

Assistant in Political Science

Articles:

Our vice-presidents: forgotten men. Hist. Outlook, 24:1:5-9. (2000)

The guardian of the constitution: V. *Ibid.*, 24:2:72-76. (2500)

McCulloch v. Maryland in Canada and Australia. Mich. Law Rev., 31:6:797-803. (3000)

PRICE, HARTLEY D'OYLEY, A.M.

Associate in Physical Education for Men

Articles:

The tenth olympic games. J. Health Phys. Educ., 3:9:3-7. (3200)

Reviews:

Soccer for junior and senior high schools, by J. E. Caswell. Res. Qt. Amer. Phys. Educ. Assoc., 1933.

PROPST, DUANE WILLARD, A.B., B.S., M.D.

Assistant Professor of Internal Medicine

Articles:

With E. J. Stieglitz:

Differential arterial tension. Amer. J. Med. Sci., Sept., 1932. (3400)

PUESTOW, CHARLES BERNARD, Ph.D., M.D.

Associate in Surgery

Articles:

Action of certain drugs on isolated intestinal transplants. Proc. Soc. Exp. Biol. Med., 30:839-40.

QUILL, LAURENCE LARKIN, Ph.D.

Associate in Chemistry

Articles:

Die Kristallstruktur des Yttriums. Zeits. anorg. allgem. Chem., 208:1:61-64. (2100)

Über die Gitterdimensionen des Niobs, des Tantal und einiger Niobate und Tantale. *Ibid.*, 208:3:257-72. (3800)

QUILL, L. L.—Articles (continued)

Röntgenographische Untersuchungen des metallischen Lanthans, Cers, und Neodyms. *Ibid.*, 208:3. (2250)

See also B. S. Hopkins.

QUIRKE, TERENCE THOMAS, E.M., Ph.D.
Professor of Geology

Articles:

Streaks in the deep zone gneisses. *Trans. Royal Soc. Canada*, 3d ser., 25:245-54. (4500)

Differential flow of silicate rocks. *Ibid.*, 25:257-67. (4500)

Arthur Gray Leonard. *Qt. J. Univ. N. Dak.*, 23:147-56. (4000)

RAGINS, OSCAR BENJAMINE, B.S., M.D.
Instructor in Internal Medicine

See E. B. Freilich.

RAMSEY, RUSSELL JENNINGS, M.S.
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Articles:

Certain biological factors related to talowiness in milk and cream. *Ill. Agr. Exp. Sta. Bul.* 389.

See also P. H. Tracy.

RANDALL, JAMES GARFIELD, Ph.D.
Professor of History

Books:

Introduction to "The diary of Orville H. Browning," vol. 2. (Lincoln series, vol. 3). *Ill. Hist. Lib., Springfield.* 1933.

Articles:

John Sherman and reconstruction. *Miss. Vall. Hist. Rev.*, 19:3:382-93. (5000)

Reviews:

Franklin Pierce: Young hickory of the granite hills, by Roy Franklin Nichols. *Ibid.*, 19:1:119-20. (750)

A history of the United States, vol. I: Foundations, expansion, conflict, by H. F. Carman and Samuel McKee, Jr. *Ibid.*, 19:2:303-04. (750)

The march of democracy: The rise of the union, by James Truslow Adams. *Ibid.*, 19:4:603-04. (350)

RAPAPORT, BENJAMIN ZION, M.S., M.D.
Associate in Pathology

Articles:

Allergic activity of proteins sterilized by dry heat. *J. Allergy*, 4:1. (2000)

See also W. H. Welker.

RATTNER, HERBERT, M.D.
Associate in Dermatology

Books:

Historical index to Pusey's *History of Dermatology*. Charles C. Thomas, Springfield, Ill. 1933.

Articles:

Neurodermatitis or irritant dermatitis. Report of a case with comments, by William Allen Pusey. *J. A. M. A.*, 99: 23:1934-37. (2300)

Lingual purpura. *Arch. Derm.*, 27:4:605-06. (600)

REED, CARLOS ISAAC
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Articles:

The status of physiology in the dental curriculum. *Dental Cosmos*, Oct., 1932. (2500)

Articles (continued)

With *Lindon Seed*:

The treatment of clinical tetany with irradiated ergosterol. *Endocrinology*, 17:136-48. (3500)

REED, JOHN CLIFFORD, M.S.
Associate in Mechanical Engineering

See Edgar E. Ambrosius.

REICH, HERBERT JOSEPH, Ph.D., M.E.
Assistant Professor of Electrical Engineering

Articles:

A mechanical analogy for coupled electrical circuits. *Rev. Sci. Instr.*, 3:6: 287-93. (1850)

The thyatron relaxation oscillator and some of its applications. *Ibid.*, 3:10: 580-85. (1800)

The relaxation inverter and d.c. transformer. *Ibid.*, 4:3:147-52. (3400)

A non-thermionic amplifier tube. *Amer. Phys. Soc. Bul.*, 7:5:17. (200)

Magnetic control of mercury vapor rectifier tubes. *Electronics*, 6:2:48. (500)

RICHART, FRANK ERWIN, M.S., C.E.
Research Professor of Engineering Materials

Articles:

Reinforced concrete column investigation, final report of committee 105. *J. Amer. Concr. Inst.*, 4:6:275-82. (3000)

Value of reinforcement in concrete columns. *Eng. News-Record*, 110: 15:477. (1000)

With R. B. B. Moorman and P. M. Woodworth:

Strength and stability of concrete masonry walls. *Ill. Eng. Exp. Sta. Bul.* 251. 38 pp. (17000)

RICHTER, OSCAR, B.S., M.D.
Associate in Internal Medicine.

Articles:

With A. E. Meyer and A. C. Ivy:

The treatment of pernicious anemia with horse liver extract. *J. A. M. A.*, 98:1623-25. (2000)

Pernicious anemia, treatment with equine liver extract injectable either subcutaneously or intravenously. *Arch. Int. Med.*, 50:538-43. (1500)

With A. E. Meyer and Helen Legere:

The value of aqueous equine liver extract, glycerated iron, and hemoglobin in the treatment of secondary anemias. *J. Lab. Clin. Med.*, 17:1185. (6000)

ROBERTS, CHARLES WALTER, A.M.
Assistant in English

Articles:

The influence of Godwin on Wordsworth's letter to the Bishop of Llandaff. *Studies in Philol.*, 29:4: 588-606. (6000)

ROBERTS, ELMER, Ph.D.
Associate Professor of Animal Genetics

Articles:

Inheritance of resistance to disease in animals. *Proc. 6th Internat. Congr. Genetics*, 2:169-70. (600)

ROBERTSON, WILLIAM SPENCE, Ph.D.
Professor of History

Books:

History of the Latin-American nations.
D. Appleton and Co., N. Y. 1932.
xviii + 821.

Articles:

Cuba, Mexico, and South America.
Amer. Hist. Rev., 38:2:429-30; 3:657-58. (1000)

ROBINSON, FLORENCE BELL, M.L.D.
Assistant Professor of Landscape Architecture

Books:

Tabular keys to the woody plants. Univ.
of Ill. Information Office, Mimeo.
1932. 115 pp.

RODEBUSH, WORTH HUFF, Ph.D.
Professor of Physical Chemistry

Books:

With Esther Kittredge Rodebush:
Introductory physical chemistry. D.
Van Nostrand Co., N. Y. 1932. xiii
+ 421 pp.

Articles:

The heat of dissociation of the sodium
molecule. *J. A. C. S.*, 54:2123. (200)
Atomic chlorine and its reaction with
hydrogen. *Ibid.*, 55:130-42. (6,500)

With M. J. Copley:

The effect of foreign gases on unimolecu-
lar reactions. *Ibid.*, 54:2560. (300)

With M. H. Wahl:

A new band in the water vapor dis-
charge. *Ibid.*, 55:1742. (100)

With W. C. Klingelhoefer:

The reaction of chlorine with hydrogen.
Proc. Nat. Acad. Sci., 18:53. (200)

ROSE, WILLIAM CUMMING, Ph.D.
Professor of Physiological Chemistry

Articles:

Proline and hydroxyproline in nutrition.
Ibid., 98:445-55. (3200)

The possible interchangeability in nutri-
tion of certain 5-carbon amino acids.
Ibid., 98:457-63. (2400)

With R. R. St. Julian:

The relation of the dicarboxylic amino
acids to nutrition. *J. Biol. Chem.*,
98:439-43. (1800)

ROSENBLUM, PHILIP, M.D.
Assistant Professor of Pediatrics

Articles:

Chloroma. *J. Pediatrics*, 11:1:59. (3000)

With M. I. Makler:

Tuberculous meningitis in children.
Arch. Ped., 49:10:667-79. (3860)

With Isadore Pilot:

Sore throat in children due to Strepto-
coccus epidemics. *Amer. J. Dis.*
Child., 44:994-98. (1400)

ROY, NEREUS HUBERT, M.S., C.E.
Special Research Assistant Professor of
Engineering Materials
See H. F. Moore.

RUBIN, HENRY H., B.S., M.D.
Assistant in Surgery
See Jacob Meyer.

RUCH, FLOYD L., Ph.D.
Associate in Psychology

Articles:

The effect of inanition upon maze learn-
ing in the white rat. *J. Comp. Psych.*,
14:321-29. (3500)

L'appréciation due temps chez le rat
blanc. *L'Année Psychologique*, 32:
118-30. (4000)

RUSSELL, FREDERIC ARTHUR, Ph.D.
Professor of Business Organization and
Operation

Books:

Textbook of salesmanship. 2d ed. Mc-
Graw-Hill Book Co., N. Y. 1933. 428
pp.

RUTH, WARREN ALBERT, Ph.D.
Professor of Pomological Physiology

Articles:

Methods for heading young apple trees.
Mo. Hort. Soc. Proc., 1931-32, pp.
51-58. (4000)

With H. W. Anderson and W. P. Flint:

The season of 1932. *Trans. Ill. Hort.*
Soc., 66:43-48. (2000)

RYAN, DAVID GERALD, M.S.
Associate in Mechanical Engineering
See C. W. Ham.

SANDFORD, WILLIAM PHILLIPS, Ph.D.
Associate Professor of English

Books:

With W. H. Yeager:

Problems for debate practice. Thomas
Nelson and Sons, N. Y. 1933. 48 +
xiii pp.

Articles:

Notes on rebuttal methods. Chap. IV in
Working Essentials of Debate, by
W. E. Waltz. Urbana. 1932. (3500)

A decade of woman's debate. Speaker
of Sigma Delta Phi, 9:3:1, 3, 4. (600)

Reviews:

Jugements des Savans sur les Auteurs
qui ont traité de la Rhétorique, par
M. Gibert. *Qt. J. Speech*, 19:1:111-12.
(600)

Old books section (edited). *Ibid.*, 19:1:
105-12.

SANDY, GERALD HERBERT, A.M.
Reference Assistant in the library

Articles:

The national library of Argentina. *Pan-*
Amer. Union Bul., 66:10:681-89.
(2500)

SAPHIR, OTTO, M.D.

Associate Professor of Pathology

Articles:

Coronary embolism. *Amer. Heart J.*,
8:312.

Bands and ridges in the pulmonary
artery—their relation to Ayerza's dis-
ease. *Arch. Path.*, 14:10.

Changes of the optic nerve resulting
from pressure of arteriosclerotic in-
ternal carotid arteries. *Amer. J.*
Ophthalm., 16:2:110.

With Louis N. Katz:

The nerve plexus between the aorta and
pulmonary artery. *Amer. J. Physiol.*,
104:1:253.

SAPHIR, O.—Articles (continued)

With Samuel Soskin:

The prevention of hypertrophy and the limitation of normal pulsation and expansion of the kidney by means of casts. *Ibid.*, 101:4:573.

With Walter Wile Hamburger:

Pulmonary embolism complicating and stimulating coronary thrombosis. *Med. Clin. N. Amer.*, 16:2:383.

With Solomon Strouse:

Hypertension, nephrosclerosis, and nephritis. *Ibid.*, 16:2:359.

SAUNDERS, MRS. ALTA GWINN, A.M.

Associate Professor of Business English

Articles:

The mental and moral equipment of a business correspondent. *Better Letters Club of Chicago, Bul.*, May, 1932. (8500)

The power of letters to build business. *Vegetable Growers' Assoc. Amer.*, An. Rpt., 1932. (8500)

SCHLATTER, CHARLES F., M.S., C.P.A.

Professor of Accountancy and Assistant Dean of the College of Commerce and Business Administration

Books:

Advanced cost accounting. Rev. ed. Univ. of Ill. Information Office, Urbana. 1932. 153 pp.

SCHMIDT, EDWARD CHARLES, M.E.

Professor of Railway Engineering and Head of the Department

Articles:

Report of the committee on front-ends, grates, and ashtrays of the International Railway Fuel Association. *Proc. Internat. Ry. Fuel Assoc.*, 23:71-76. (1900)

SCHWALBE, WILLIAM LOUIS, M.S.

Assistant Professor of Theoretical and Applied Mechanics

Articles:

The center of torsion for angle and channel-sections. *Trans. A. S. M. E.*, Applied Mechanics. 54:11:125-30.

SCOVILLE, HIRAM THOMPSON, A.B., C.P.A.

Professor of Accountancy and Head of the Department of Business Organization and Operation

Articles:

A study of annual reports made by six representative steel companies to their stockholders. *C. P. A.*, 13:3:143-47. (2400)

SEARLE, NORMAN EDWARD, M.S.

Assistant in Chemistry

See Roger Adams.

SEARS, OGLE HESSE, Ph.D.

Associate Professor of Soil Biology

Articles:

Potash increases corn yield following sweet clover. *Better Crops with Plant Food Mag.*, 18:6:5. (900)

SEARS, ROBERT RICHARDSON, Ph.D.

Instructor in Psychology

Books:

With S. M. Newhall:

Conditioning finger retraction to visual stimuli near the absolute threshold.

Comp. Psych. Monog. Johns Hopkins, Baltimore. 1933. 25 pp.

Articles:

With L. H. Cohen:

Hysterical anesthesia, analgesia, and astereognosis: an experimental study. *Arch. Neurol. Psychiat.*, 29:260-71. (6500)

SECOND, ARTHUR WELLESLEY, Ph.D.

Assistant Professor of English

See B. L. Jefferson.

SEELY, FRED B., M.S.

Professor of Theoretical and Applied Mechanics

Books:

With N. E. Ensign:

Analytical mechanics for engineers. Rev. ed. John Wiley and Sons, N. Y. 1933. 414 pp.

SEYBOLT, ROBERT FRANCIS, Ph.D.

Professor of History of Education

Books:

The autobiography of Johannes Butzbach, a wandering scholar of the fifteenth century. *Edwards Bros.*, Ann Arbor, Mich. 1933. 163 pp.

Articles:

Student expenses at Harvard, 1772-1776. *Pubs. Col. Soc. Mass.*, 28:237-43.

SHELFORD, VICTOR ERNEST, Ph.D.

Professor of Zoology

Articles:

Basic principles of the classification of communities. *Ecology*, 13:105-20. (7000)

A nature sanctuary plan. *Ibid.*, 14:240-45. (4000)

Life zones and modern ecology. *Wilson Bul.* 44:144-57. (5000)

Nature sanctuaries—a means of saving natural biotic communities. *Science*, 77:280-82. (800)

Reviews:

Neon lamp method of photoelectric photometry, by Atkins and Poole. *J. du Conseil*, 1933. (200)

Photoelectric apparatus for the research ship Atlantis, by Dall and Atkins. *Ibid.* (200)

Light and diatom growth, by Stansbury. *Ibid.* (100)

SHEPARD, FRANCIS PARKER, Ph.D.

Assistant Professor of Geology

Articles:

Submarine valleys. *Geog. Rev.*, 23:77-89. (5000)

Landslide modifications of submarine valleys. *Trans. Amer. Geoph. Union*, 1932:226-30. (1500)

Sediments of the continental shelves. *Geol. Soc. Amer.*, *Bul.*, 43:1017-40. (9800)

Canyons south of Georges bank. *Assoc. Field Eng. Bul.* 6:39-42. (2000)

Canyons off New England. *Sci. News Letter*, 22:208. (500)

SHRINER, RALPH LLOYD, Ph.D.

Associate Professor of Chemistry

Books:

See R. C. Fuson.

Articles:Determination of starch in plant tissues. *Plant Physiol.*, 7:541-46. (1800)

With W. H. Horne:

The reaction between diethylamine and ethylene oxide. *J. A. C. S.*, 54:2925-30. (3000)

With W. C. Ashley:

The action of sodium ethylate on levo-ethyl-alpha-phenylsulfonebutyrate. *Ibid.*, 54:4410-14. (2500)

With Margaret Pezold:

Asymmetric syntheses. I. The action of optically active nitrites on cyclic ketones. *Ibid.*, 54:4707-11. (2500)

With E. A. Parker:

Asymmetric syntheses. II. The action of optically active nitrates on cyclic ketones. *Ibid.*, 55:766-69. (2000)

With R. E. Stutz:

The preparation and properties of methylene di-n-butyl disulfone. *Ibid.*, 55:1242-45. (2000)

With J. M. Fulton and D. Burks:

The ternary system: palmitic, margaric, and stearic acids. *Ibid.*, 55:1494-99. (3000)

See also C. S. Marvel.

Reviews:Carbocyclic compounds. *An. Surv. Amer. Chem. Chem. Catalogue Co.*, N. Y. 1932. pp. 234-53. (10,000)**SHUMWAY, WALDO, Ph.D.**

Professor of Zoology

Articles:

With R. I. Webb:

The chondrocranium of a 23-mm. necurus. *J. Morph.*, 53:2:327-43. (5000)**SIEBERT, FREDRICK SEATON, A.B., J.D.**

Assistant Professor of Journalism

Articles:International protection of rights in news. *Journalism Qt.*, 9:3:290-304. (4000)**SINGER, HARRY ALBERT, M.S., M.D.**

Associate Professor of Internal Medicine

Articles:Valvular pneumoperitoneum. *J. A. M. A.*, 99:26:2177-80. (2200)

With P. A. Rosi:

The pathogenesis of perigastric abscess complicating peptic ulcer. *Amer. J. Med. Sci.*, 183:5:600-08. (5000)

With R. T. Vaughan:

Treatment of the "forme fruste" type of perforated peptic ulcer. *Surg. Gyn. Obstet.*, 54:6:945-52. (6000)Perforated peptic ulcer of Meckel's diverticulum. *Ann. Surg.*, 96:2:230-39. (3550)

With K. A. Meyer:

Syphilis of the stomach with special reference to its recognition at operation. *Arch. Surg.*, 26:3:443-64. (7500)

With L. W. Shabat:

Metastatic infection of bone and joints as the initial clinical manifestation of gastric neoplasms. *J. Bone and Joint Surg.*, 15:2:491-93. (1150)**SINGER, HAROLD DOUGLAS, M.D.**

Professor of Psychiatry and Head of the Department of Neuropsychiatry

Articles:

With A. A. Low:

The brain in a case of motor aphasia in which improvement occurred with training. *Arch. Neurol. Psychiat.*, 29:162-65. (2500)Acalculia (Henschen). *Ibid.*, 29:467-97. (15,000)**SLOAN, HUBERT JOHN, Ph.D.**

Associate in Poultry Husbandry

See L. E. Card.

SMITH, CLOYDE MOFFETT, M.S.

Research Assistant Professor of Mining Engineering

Books:The effects on mine ventilation of shaft-bottom vanes and improvements in aircourses. *Ill. Eng. Exp. Sta. Bul.* 249. 46 pp.**SMITH, GEORGE FREDERICK, Ph.D.**

Assistant Professor of Chemistry

Articles:

With A. G. Shead:

Separation and determination of the alkali metals using perchloric acid.

IV. The perchlorato-chloropolatinate method for the determination of potassium in the presence of sodium. *J. A. C. S.*, 54:1722-30. (2500)

With O. W. Rees and V. R. Hardy:

New hydrates of magnesium perchlorate—their structural relation to known forms of the hydrated perchloric acids and properties as intensive dehydrating reagents. *Ibid.*, 54:3513-23. (3300)

With V. R. Sullivan:

A new and simplified colorimeter especially designed for the colorimetric estimation of manganese by the periodic method. *J. Chem. Educ.*, 9:8:1461-71. (3000)**SMITH, LOUIE HENRIE, Ph.D.**

Chief, in charge of Publications, Soil Survey

Articles:

With E. A. Norton, R. S. Smith, E. E. DeTurk, and F. C. Bauer:

Fayette county soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 52. 44 pp. (20,000)

With R. S. Smith, E. E. DeTurk, and F. C. Bauer:

Calhoun county soils. *Ibid.*, 53. 18 pp. (6500)Ford county soils. *Ibid.*, 54. 22 pp. (9000)**SMITH, PAUL WINSTON, M.S.**

Instructor in Physiology

Articles:The quantitative relation between concentration of iodo-acetic acid and the rate of lactate accumulation in minced muscles. *Amer. J. Physiol.*, 101:1:94. (100)

See also Maurice B. Visscher.

SMITH, RAYMOND STRATTON, Ph.D.

Professor of Soil Physics

Articles:The right use of land in southern Illinois. *Ill. Farm. Inst. Rpt.* 37:98-106. (4050)

SMITH, R. S.—Articles (continued)

With M. B. Harland:

Nature and designation of soil horizons.
Proc. 2d Internat. Congr. Soil Sci.
(Moscow), 5:155-58. (1615)

See also L. H. Smith.

SNIDER, HOWARD JOHN, M.S.

Assistant Chief of Soil Experiment Fields

Articles:

A comparison of methods for determining the availability of phosphorus. J. Amer. Soc. Agron., 24:9:680-85. (2600)

With C. J. Badger:

The composition of the spring growth of sweet clover as influenced by previous fall treatment. *Ibid.*, 25:2:105-08. (1200)

SPIESMAN, IRWIN G., M.D.

Instructor in Laryngology, Rhinology, and Otology

Articles:

Vasomotor responses of mucosa of upper respiratory tract to thermal stimuli. Proc. Soc. Exp. Biol. Med., 30:792-94. (900)

STARR, CHARLES JOSEPH, B.S.

Instructor in Mechanical Engineering

Books:

With F. H. Thomas and C. E. Derrough:
A description of machine tools—their care and operation. Rev. ed. Nat. Process Co., N. Y. 189 pp.

STEVENS, FRANK LINCOLN, Ph.D., D.Sc., LL.D.

Professor of Plant Pathology

Articles:

Additional Philippine Uredineae. Univ. Philip. Sci. Bul. 2:441-47. (2800)

Two fungous invasions often following the coconut leaf miner. Phil. Agr., 21:80-82. (1200)

With M. S. Celino:

The papaya leaf spot. *Ibid.*, 21:9-14. (2400)

STILLWELL, CHARLES WILLIAM, Ph.D.

Associate in Chemistry

Articles:

The x-ray analysis of electrodeposited alloys. Metal Ind., 31:47-51. (3900)

With L. E. Stout:

The crystal structures of electrodeposited alloys—an x-ray diffraction study of silver-cadmium deposits. J. A. C. S., 54:2583-93. (4200)

With W. K. Robinson:

Sodium-lead alloys—the structure of the compound known as NaPb. *Ibid.*, 55:127-29. (1200)

STRAUB, FREDERICK GUY, M.S., Met.E.

Special Research Assistant Professor of Chemical Engineering

Articles:

Solubility of calcium salts in boiler water. Trans. A. S. M. E., 54:21:221-30. (2600)

Determination of alkalinity in boiler waters. Ind. Eng. Chem., Anal. Ed., 4:3:290-94. (2600)

Solubility of calcium sulfate and calcium carbonate at temperatures between 182° and 316° C. Ind. Eng. Chem., 24:8:914-17. (2000)

Articles (continued)

Behavior of calcium salts at boiler temperatures. *Ibid.*, 24:10:1174-78. (3600)

With R. F. Larson:

Decomposition of dilute sodium carbonate solutions at temperatures between 147° and 243° C. *Ibid.*, 24:12:1416-19. (2400)

STRAUSS, SIDNEY, A.B., M.D.

Professor of Internal Medicine

Articles:

With L. Feldman:

The significance of the large Q wave in lead III. Amer. J. Med. Sci., 185:1:87.

STREICHER, MICHAEL HENRY, M.S., M.D.

Assistant Professor of Internal Medicine

Articles:

Proctology—clinical summary of 4016 proctoscopic examinations. Ill. Med. J., May, 1932. (3200)

Chronic ulcerative colitis—report of 174 cases. *Ibid.*, Jan., 1933. (1600)

Gastric achylia—gastric acidity studies with histamine and 7 per cent alcohol. Amer. Med. J., 99:1745-46. (2260)

With Mary Louise Kuehl:

Stomach—comparative analysis of gastric cases. Ill. Med. J., April, 1933. (3600)

SUTTON, ARLE HERBERT, Ph.D.

Assistant Professor of Geology

Articles:

With J. M. Weller:

Lower chert correlation in western Kentucky and Illinois. J. Geol., 40:5:430-42. (4400)

SWAIN, JOSEPH WARD, Ph.D.

Associate Professor of History

Books:

Beginning the twentieth century. W. W. Norton and Co., N. Y. 1933. xi + 631 pp.

Reviews:

The spirit of British policy, by Hermann Kantorowicz. J. Mod. Hist., 4:2:318-19. (500)

SWANN, SHERLOCK, JR., Ph.D.

Research Assistant Professor of Chemical Engineering

Articles:

The electrolytic reduction of aliphatic ketones to hydrocarbons. Trans. Electrochem. Soc., 62:177-82. (1500)

See also D. B. Keyes.

TAFT, DONALD REED, Ph.D.

Professor of Sociology

Articles:

Testing the selective influence of areas of delinquency. Amer. J. Soc., 38:5:699-712. (4000)

TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.

Professor of Municipal and Sanitary Engineering, Emeritus

Articles:

Relationship of engineering research to engineering education. J. Eng. Educ., 23:2:105-12. (3000)

Articles (continued)

Some features of rail-joints. *Amer. Ry. Eng. Assoc. Bul.*, 34:346:19-23; *Amer. Ry. Eng. Assoc. Proc.*, 33:746-50. (3000)

The desirability of reducing to a minimum the present variability factors in track. *Amer. Ry. Eng. Assoc. Bul.*, 34:346:23-30; *Amer. Ry. Eng. Assoc. Proc.*, 33:750-57. (5000)

What happens to a rail-joint. *Ry. Age*, 92:19:769-70. (3000)

Why high stresses occur in rails. *Ibid.*, 92:26:1059-61. (4000)

TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

Books:

The microbiology of foods. *Twin City Printing Co.*, Champaign, Ill. 1932. 776 pp.

Articles:

With E. E. Echelberger and F. M. Clark: "Autosterilization" as a problem in the bacteriological examination of canned foods. *Proc. Soc. Exp. Biol. Med.*, 29:1000-01. (510)

With E. H. Ruyle:

Penetration of intestinal wall of rabbits by yeasts. *Ibid.*, 29:1001-03. (960)

With Grace B. Armstrong:

Home canning of foods for family use. *Ill. Agr. Exp. Sta. Circ.* 394. (8000)

With Florence Evans:

Effect of meat curing solutions on anaerobic bacteria. I. Sodium chloride. *Zent. Bakt.* II:88:44-54. (4900)

TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

Articles:

Transthoracic extrapleural thoracotomy. *Ann. Surg.*, May, 1932.

Surgical limitations in gastric syphilis. *Ill. Med. J.*, May, 1932.

Probable bilateral tumor of the carotid body. *Amer. J. Surg.*, Nov., 1932.

With P. J. Sarma:

Paramedian abdominal incision—analysis of 1000 cases. *Internat. Clin. N.* *Amer.*, Feb., 1933.

TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

Articles:

Thoreau, moralist of the picturesque. *Pub. Mod. Lang. Assoc.*, 47:3:864-89. (13,000)

Sir Joshua Reynolds on the picturesque. *Mod. Lang. Notes*, 47:7:446-48. (800)

Reviews:

Eighteenth century English aesthetics: A bibliography, by John W. Draper. *Mod. Philol.*, 30:3:309-16. (2750)

TERRY, LAWRENCE, B.S., Ph.C.

Instructor in Pharmacology and Therapeutics

Articles:

With Howard C. Peters:

Production of ventricular extrasystoles and pulsus alternans by adrenalin. *Proc. Soc. Exp. Biol. Med.*, 30:910-11. (300)

THEISS, EDWIN LEODGAR, Ph.D., C.P.A.

Associate Professor of Accountancy

Books:

Practical problems of budgetary procedure in business. *College Publishers*, Champaign, Ill. 1932. 115 pp.

THOMPSON, CHARLES MANFRED, Ph.D., LL.D.

Dean of the College of Commerce, Director of the Bureau of Business Research, McKinley Professor of the Economics of Public Utilities, and Head of the Department of Public Utilities and Transportation

Books:

Supplementary exercises and problems in economics. *Benj. H. Sanborn and Co.*, N. Y. 1932. (165)

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

Articles:

Certain biological factors related to tallowness in milk and cream. *Ill. Agr. Exp. Sta.*, April, 1933. pp. 579-95. (3770)

How to make honey-cream. *Ibid.*, Dec., 1932. pp. 547-56. (2424)

How to make honey-cream. *Dairy World*, 11:10:24-27, 54-56. (2730)

Honey-cream. *Dairy Res. Bur.*, *Bul.* 11:48:189-92. (1966)

Use of corn sugar in sweetened skim milk. *Nat. Butter and Cheese J.*, May 25, 1932. p. 24. (390)

Chemical changes in fat cause of off-flavors in bottled milk. *Cert. Milk*, 3:74:10-11. (950)

The use of strawberries in ice cream making. *Canadian Dairy and Ice Cream J.*, 11:6:25-26, 61. (1280)

Sunlight develops off-flavors in cottage cheese. *Milk Dealer*, 21:8:48. (790)

With R. J. Ramsey and H. A. Ruche:

The use of corn sugar in sweetened condensed skim milk. *J. Dairy Sci.*, 16. pp. 17-31.

TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, Emeritus

Articles:

W. Century plants in an arboretum. Boyce Thompson Southwestern Arboretum (Purpose-history-dedication). Superior, Arizona. pp. 37-42.

Five new oaks from Guatemala. *J. Wash. Acad. Sci.*, 23:61-63.

TUCKEY, STEWART LAWRENCE, M.S.

Instructor in Dairy Manufactures

Articles:

Manufacture of ices and sherbets. *Ice Cream Trade J.*, 28:7:45-46. (1500)

With H. A. Ruche:

A study of the manufacture of chocolate ice cream. *Ibid.*, 28:8:39-42. (3000)

TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

Articles:

Measurement of currents in electrodeless discharges by means of frequency variations. *Phil. Mag.*, 13:953-64. (5000)

Oscillations produced by beads of corona discharges. *Phys. Rev.*, 42:912. (200)

TYLOR, W. RUSSELL, Ph.D.
Assistant Professor of Sociology

Articles:

How far shall we go in interracial cooperation? *Friends Intelligencer*, 89: 27; 28; 29; 30. (4500)

The importance of the human factor in city planning. *Ill. Mun. Rev.*, 11:12: 238-43. (5300); *Mech. Eng.*, 54:12: 831-36. (5000)

Recent trends in city and country populations. *J. Land and Pub. Util. Econ.*, 9:1. (6600)

VAN CLEAVE, HARLEY JONES, Ph.D.
Professor of Zoology

Articles:

Studies on snails of the genus *Pleurocera*. I. The eggs and egg laying habits. *Nautilus*, 46:1:29-34. (2000)

Zoology in the junior college curriculum. *Jr. Coll. J.*, 3:5:255-59. (2300)

An amphibious habitat on vertical sandstone cliffs. *Ecology*, 14:2:149-51. (1100)

With Ludwig G. Lederer:

Studies on the life cycle of the snail, *Viviparus contectoides*. *J. Morphol.*, 53:3:499-522.

With Justus F. Mueller:

Parasites of Oneida lake fishes. II. Descriptions of new species and some general taxonomic considerations, especially concerning the trematode family *Heterophyidae*. *Roosevelt Wild Life Ann.*, 3:2:77-137.

VAN HAZEL, WILLARD, A.B., M.D.
Associate in Surgery
See Carl A. Hedblom.

VAN HORNE, JOHN, Ph.D.
Professor of Romance Languages

Articles:

Recent Italian books. *Italica*, 9:45-46, 81-82; 10:15, 16 (1200)

Foreign summer schools for American students. *News Bul. Inst. Internat. Educ.*, 7:8. (600)

VISSCHER, MAURICE B., Ph.D., M.D.
Professor of Physiology and Head of the Department in the College of Medicine

Articles:

With A. G. Mulder and I. E. Phillips:

The urinary excretion of inorganic phosphate in fasting with particular reference to the effect of exercise. *J. Biol. Chem.*, 98:269. (3000)

With P. W. Smith:

Studies on the kinetics of lactate formation in muscle under the influence of iodoacetic acid. *Amer. J. Physiol.*, 102:448. (4000)

With G. Decherd:

The relative importance of the performance of work and the initial fiber length in determining the magnitude of energy liberation in the heart. *Ibid.*, 103:400. (2500)

With R. C. Ingraham:

Inverse concentration ratios for sodium and potassium in gastric juice and blood plasma. *Proc. Soc. Exp. Biol. Med.*, 30:464. (775)

With R. C. Ingraham and C. Lombard:

The characteristics of ultrafiltrates of plasma. *J. Gen. Physiol.*, 16:637. (3000)

WALLACE, GEORGE IRA, Ph.D.
Assistant Professor of Bacteriology

Articles:

With L. J. Thomas and A. R. Cahn:

A new disease of moose II. *Proc. Soc. Exp. Biol. Med.*, 29:1098-1100. (1000)

A new disease of moose III. A new bacterium. *Sci.*, 76:1974. (600)

With S. E. Park:

Microbiology of frozen foods IV. Longevity of certain pathogenic bacteria in frozen cherries and in frozen cherry juice. *Journ. Inf. Dis.*, 52:2: 146-49. (1700)

Microbiology of frozen foods V. The behavior of clostridium botulinum in frozen fruits and vegetables. *Ibid.*, 52:2:150-56. (3200)

WALLS, EDNA ELLIOTT, A.M.

Assistant Professor of Child Development and Parent Education

Articles:

Your child's habits—record of progress. *Ill. Home Econ. Ext. Service*, mimeo. circ. 8 pp. (1500)

WALTZ, WALDO EMERSON, A.M.

Associate in English

Books:

Working essentials of debate. Karva Mimeographing Agency, Urbana. 1933. 150 pp.

A survey of the high school question of taxation. (*Debaters' Handbook*). Univ. Information Office, Urbana. 1932. 25 pp.

Articles:

A survey of the high school question of taxation. *Arizona Teacher*, 21:5:119-22. (2800)

WANLESS, HAROLD ROLLIN, Ph.D.

Assistant Professor of Geology

Books:

Laboratory outline for general geology laboratory. Mimeo. 1933. 45 pp. (1300)

Articles:

The Illinois state academy of science. *Science*, 99. p. 16. (600)

Report of the secretary. *Trans. Ill. Acad. Sci.*, 24:609-18. (4000)

With J. M. Weller:

Correlation and extent of Pennsylvania cyclothem. *Geol. Soc. Amer.*, *Bul.* 43:1003-16. (5600)

WARD, GLADYS J., A.M.

Associate in Home Management Extension

Articles:

Safety code for homemakers. *Ill. Home Econ. Ext. Service*. Mimeo. (300)

With Louise Young:

Washing machines in Illinois homes. *J. Home Econ.*, 24:802-04. (700)

WARD, HENRY BALDWIN, Ph.D., D.Sc., LL.D., Professor of Zoology, *Emeritus*

Articles:

The origin of the landlocked habit in salmon. *Proc. Nat. Acad. Sci.*, 18:9: 569-80. (6150)

On a nematode parasite in the brittle star *Ophiocten amittinum* Lyman (abstract). *J. Parasit.*, 19:2:168. (170)

Conservation in winter. *Sch. Sci. Math.*, 33:2:139-42. (1740)

Reviews:

Endameba councilmania lafleuri. J. A. M. A., 99:7:583. (200)

The food of protozoa, by H. Sandon. *Ibid.*, 99:25:2138. (200)

La Distomatosis hepatica en Cuba, by Pedro Kouri and Rogelio Arenas. *Ibid.*, 99:25:2139. (135)

Medical entomology, by William A. Riley and Oskar A. Johannsen. *Ibid.*, 100:4:284. (150)

Lehrbuch der helminthologie, by Curt E. W. Sprehn. J. Parasit., 19:2:149-50. (776)

WEBB, RICHARD LOCKWOOD, Ph.D.

Associate in Anatomy

See W. Shumway.

WEBER, OSCAR FRIEDOLIN, Ph.D.

Associate Professor of Education

Books:

With A. Nicholas and A. W. Clevenger: Salaries in the accredited public high schools of Illinois. Ill. Bur. Educ. Res. Bul. 30:23:3-24.

Articles:

A circulating library experiment. Phi

Delta Kappan, 15:6:197-98. (2500)

Puppy's diary. Hounds and Hunting, 29:9:3-6. (3500)

To the rescue—the dog. *Ibid.*, 29:7:46-48. (3000)

WEINARD, FREDERICK FRANCIS, Ph.D.

Associate Professor of Floriculture

Articles:

Illinois florists' week. Flor. Exch., 81:6:12-13. (700)

Trial gardens at Urbana, Illinois. Amer. Peony Soc. Bul. 34:53:22. (300)

Pathologists' report. S. A. F. and O. H. Flor. Rev., 71:1845:20. (600)

Rooting carnation cuttings. *Ibid.*, 72:1848:18. (800)

With S. W. Decker:

Notes on experiments. *Ibid.*, 70:1799:24. (700)

Peony experiments. *Ibid.*, 70:1797:27-28. (1500)

WELKER, WILLIAM HENRY, A.C., Ph.D.

Professor of Physiological Chemistry and Head of the Department

Articles:

With B. Z. Rappaport and Tell Nelson: Effect of air filtration in hay fever and pollen asthma. J. A. M. A., 98:1861-64. (4100)

WESTERGAARD, HARALD MALCLOM,

Ph.D., Dr. Ing., Dr. techn., D.Sc.

Professor of Theoretical and Applied Mechanics

Articles:

Water pressures on dams during earthquakes. A. S. C. E. Proc. 58:9:1573-74. (800)

Measuring earthquake intensity in pounds per square foot. Eng. News-Record, 110:16:504. (600)

WICKWIRE, GEORGE CHARLES, M.S.

Instructor in Physiology

See W. E. Burge.

WILEY, CARROLL CARSON, B.S., C.E.

Associate Professor of Highway Engineering

Articles:

Road signs for night driving. Roads and Streets, 66:2:75-78. (2500)

Rapid solution for vertical curves. Civ. Eng., 3:3:176-77. (500)

Highway vertical curves. Eng. News-Record, 110:8:259. (1000)

Some neglected factors in traffic control. Technograph, 47:4:8, 9, 11. (2500)

WILL, SAMUEL FREDERIC, Ph.D.

Assistant Professor of Romance Languages

Articles:

Correspondance inédite de Christophe Plantin. Revue belge de Philologie et d'Histoire, 12:1:124-32. (3500)

WILLARD, ARTHUR CUTTS, B.S.

Professor of Heating and Ventilation and Head of the Department of Mechanical Engineering; Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station.

Books:

With L. A. Harding:

Heating, ventilating and air conditioning. John Wiley and Sons, N. Y. 1932. 963 pp.

With A. P. Kratz and S. Konzo:

Investigation of warm air furnaces and heating systems, Part V. Ill. Eng. Exp. Sta. Bul. 246. 158 pp.

WILLIAMS, CHARLES ALLYN, Ph.D.

Associate Professor of German

Articles:

Altes studentenlied. Fortunatus, 1932:12:1. (200)

WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments committee

Articles:

Turnover among high school teachers in Illinois. Sch. Rev., 40:6:416-28. (4000)

Phi Delta Kappan, 14:2:37-39. (1600)

Reviews:

Length of service of Pennsylvania high-school teachers, by Lyman Henry Van Houten. Sch. Rev., 40:9:712. (300)

WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

Books:

With Nathan M. Newmark:

The strength of thin cylindrical shells as columns. Ill. Eng. Exp. Sta. Bul., 255. 45 pp.

WINAKOR, ARTHUR HARRY, Ph.D.,

C.P.A.

Statistician, Bureau of Business Research

Articles:

With Daniel Borth:

An analysis of working capital position. C. P. A., 13:5:268. (3000)

With Ina M. Hamlin:

Department store food service. Ill. Bur. Bus. Res., Bul. 46. 1933. (9000)

WINTERS, ERIC, M.S.

Assistant in Soil Physics and Soil Survey
See E. A. Norton.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the
Department

Articles:

The effect of rate of sequence upon
accuracy of synchronization. *J. Exp.*
Psych., 15:4:357-79. (10,000)

Individual differences in the reproduction
of temporal intervals. *Amer. J.*
Psych., 45:2:271-81. (5000)

WOODRUFF, SYBIL, Ph.D.

Associate Professor of Home Economics

Articles:

An instrument and a method for measuring
the shortening action of fat.
J. Home Econ., 24:927. (125)

Corn—ways of using as a low-cost food.
Ill. Agr. Exp. Sta. Circ. 399. 15 pp.
(6000)

With D. E. Lindstrom:

Suggestions for handling poor and un-
employment relief in rural and open-
country communities. *Ill. Agr. Ext.*
Service. Mimeo. 8 pp. (3000)

WOODWORTH, CLYDE MELVIN, Ph.D.

Professor of Plant Genetics

Articles:

Genetics and breeding in the improve-
ment of the soybean. *Ill. Agr. Exp.*
Sta. Bul. 384:297-404. (35,000)

Soja. *Proc. 6th Internat. Congr. Ge-*
netics, 2:331-32. (400)

Genetics of the soybean. *J. Amer. Soc.*
Agron., 25:1:36-51. (3700)

With R. E. Fore:

Analysis of yield in certain oat varieties.
Ibid., 25:3:190-202. (4300)

WRIGHT, IVAN, Ph.D.

Professor of Economics

Articles:

A business-like way of settling our for-
eign government debts. *LaSalle Street*
Cashier, 8:3:8-30. (2000)

Turning the corner. *Ibid.*, 8:6:12-14.
(1800)

Seven possible ways of settling the for-
eign debts. *Ibid.*, 9:3. (2500)

Commercial paper financing. *Amer. Inst.*
Banking Bul., 14:1:49-53. (3000)

Stabilization of the currencies—the first
step toward recovery. *Ibid.*, 15:2:
147-50. (3000)

Consequences of inflation. *Ibid.* (2500)

Recreate. *Financial Briefs*, 1:6:34-37.
(2500)

Tax exempt bonds and the money mar-
ket. Chapter in "Current Problems in
Public Finance." *Proc. 9th An. Conf.*
Finances and Pub. Relations. Univ.
Press, Chicago. 1933. (5000)

War debts. *Sydney Morning Herald*,
Sydney, Australia, March 31, 1933.
(4000)

Articles (continued)

Causes and remedies for the depression
—the international government debts.
U. S. Senate, 72nd Congr., 2nd ses-
session, Com. Finance., S. Res. 315:1202-
04. (2500)

Recovering from the depression. *Amer.*
Inst. Bank. Bul., 15:1. (2000)

YARROS, RACHELLE S., M.D.

Professor of Social Hygiene

Books:

Modern woman and sex. *Vanguard*
Press, N. Y. 1933.

Articles:

The future of the birth control clinic.
Birth Control Rev., 16:9:266-68. (2000)

Pre-marital, marital and parental con-
sultation service. *Med. Woman's J.*,
39:8:197-99. (2000)

Reviews:

The sex factor in marriage, by Helena
Wright. *Hosp. Soc. Serv. Mag.*, 26:
2:155-60. (1700)

YOUNG, PAUL THOMAS, Ph.D.

Associate Professor of Psychology

Articles:

Relative food preferences of the white
rat. *J. Comp. Psych.*, 14:3:297-319.
(8000). *II. Ibid.*, 15:1:149-65. (6000)

Food preferences and the regulation of
eating. *Ibid.*, 15:1:167-76. (3500)

A technique for the study of relative
food preferences of the white rat.
Psych. Bul., 29:8:548-49. (200)

The relation of bright and dull pressure
to affectivity. *Amer. J. Psych.*, 44:4:
780-84. (1500)

Reviews:

Purposive behavior in animals and man,
by E. C. Tolman. *Ibid.*, 44:1:177-78.
(700)

ZECHEL, GUSTAV LEOPOLD, M.D.

Associate in Surgery and in Anatomy

Articles:

Observations on the follicular cycle and
on the presence of the 'macro-
thyrocyte' in the human thyroid.
Anat. Rec., 55:56. (2000)

ZEITLIN, JACOB, Ph.D.

Professor of English

Articles:

Michel de Montaigne. *Nation*, 136:3530:
231-32. (1800)

Reviews:

Toward standards, by Norman Foerster.
J. E. G. Ph., 31:3:455-58. (1500)

ZELENY, CHARLES, Ph.D.

Professor of Zoology and Head of the
Department

Articles:

Genetics and embryology. *Science*, 77:
177-81. (3500)

The effect of long continued subjection
to constant temperatures in darkness
upon inbred bar-eyed *Drosophila*. *Proc.*
6th Internat. Cong. Genetics, 2:218.

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BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1933—APRIL 30, 1934



Engineering I

PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS



JUL 17 1943

UNIVERSITY OF ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1933—April 30, 1934

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1934, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1934-35 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER, Ph.D.

Professor of Organic Chemistry and Head
of the Department of Chemistry

Articles:

With E. C. Kleiderer:

Stereochemistry of diphenyls. XXXI.
Preparation and properties of 2,2',6,6'-
tetrafluoro-3,3'-dicarboxy-5,5'-dichlorodi-
phenyl. J.A.C.S., 55:4219-25. (3500)With A. M. VanArendonk and M. E.
Cupery:Stereochemistry of diphenyls. XXXII.
Preparation and properties of certain
2,2',6,6'-tetramethoxydiphenyls. *Ibid.*, 55:
4225-30. (2500)

With A. M. VanArendonk and B. C. Becker:

Stereochemistry of diphenyls. XXXIII.
Preparation and properties of 2,2'-dini-
tro-6-carboxy-2',6'-dimethoxydiphenyl
and 2-nitro-6-carboxy-2'-fluoro-6'-methoxy-
diphenyl. *Ibid.*, 55:4230-34. (2000)

With Marion E. Maclean:

Diastereoisomers of 2,5-diphenylsulfinylhy-
droquinone diacetate. *Ibid.*, 55:4681-83.
(750)Study of certain analogs of resolvable di-
phenyls. *Ibid.*, 55:4683-88. (3000)

With A. E. Knauf:

Stereochemistry of diphenyls. XXXIV.
Preparation and properties of 2,2',4,4',5,
5',6,6'-octamethyldiphenyl-3,3'-disulphonic
acid and diphenyl-3,3'-disulphonic acid.
Ibid., 55:4704-09. (3000)

Reviews:

Ausführliches Lehrbuch der organischen
Chemie, by W. Schlenk and E. Berg-
mann, J.A.C.S., 55:2176. (300)Perkin and Kipping's organic chemistry,
ed. by F. S. Kipping. *Ibid.*, 55:2176-77.
(250)Stereochemie, by S. Goldschmidt. *Ibid.*,
55:2618. (250)

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

Articles:

High spots on the horizon. Pub. Aux.,
68:23:5. (5000)Fighting fire with fire. *Ibid.*, 69:6:5.
(1500)Classifieds and personals. Nat. Printer-
Journ., 52:2:14. (2000)It's open season on singles. *Ibid.*, 52:3:38.
(1500)

ALMY, GERALD MARKS, Ph.D.

Associate in Physics

Articles:

With F. M. Sparks:

The absorption spectrum of diatomic bis-
muth. Phys. Rev., 44:365-75. (7000)

ANDERSON, ARTHUR G., C.E., Ph.D.

Professor of Business Organization and
Operation

Articles:

Buildings and fixed equipment. Section
14 of *Cost and Production Handbook*,
Ed. by L. P. Alford, Ronald Press, N.Y.
(25,000)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

Articles:

How would you answer this? Poultry
Supply Dealer, 11:2:10-11. (950)Application interviews. Technograph, 48:
4:19. (450)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

Articles:

Some fundamental facts concerning apple
scab and its control. Trans. Ill. Hort.
Soc., 67:451-62. (5500)

With K. J. Kadow:

Raspberry diseases and their control in
Illinois. *Ibid.*, 67:82-90. (4000)

With W. A. Ruth and W. P. Flint:

The season of 1933. *Ibid.*, 67:43-51.
(4000)

With H. H. Thornberry:

Overwintering of *Phytophthora pruni* on
peach. Phytopathology, 23:787-801.
(5000)

With W. P. Flint:

Directions for spraying fruits in Illinois.
Ill. Agr. Exp. Sta. Circ. 388, rev. ed.,
Jan., 1934. (12,000)

ANDREWS, ANDREW IRVING, Ph.D.

Professor of Ceramic Engineering

Articles:

X-ray investigation of the opacifying com-
pounds present in sheet-iron cover enam-
els. J.A.C.S., 16:7:325-27. (5400)

ANDREWS, A. I.—Articles (continued)

With R. K. Smith:

The thermal expansion of sheet-iron ground-coat enamels. *Ibid.*, 16:7:328-37. (1700)

With G. L. Clark and H. W. Alexander:

The determination by x-ray methods of crystalline compounds causing opacity in enamels. *Ibid.*, 16:8:385-92. (4300)

ANDREWS, JAMES BURTON, M.S.

Associate in Farm Management

See M. L. Mosher.

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Public Health

Articles:

Can peroral and percutaneous routes be used for vaccination? *Canadian Public Health J.*, June, 1933, pp. 284-89. (3500)

Tuberculosis in girls and young women. *Amer. Rev. Tubercul.*, 28:2:262-66. (2000)

The bacterial flora within the stomach and small intestine. *Amer. J. Med. Sci.*, 186:4:471-79. (3500)

Laboratory tests and methods useful and necessary in industrial hygiene. *Ill. Med. J.*, Nov., 1933. (665)

With Alexander Bart:

The self-disinfecting power of the skin. *Amer. J. Hyg.*, 19:1:217-28. (5500)

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

Articles:

The status of German in the secondary schools of the middle west. *Germ. Qt.*, 6:4:189-91. (900)

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Livestock Marketing

Articles:

Results of tests of Illinois farm scales. *Amer. Soc. Animal Prod., Rpt. Proc.* 25th An. Meet., Jan., 1933, pp. 29-31. (750)

The place of the production specialist in livestock and wool marketing. *Ibid.*, pp. 209-12. (1100)

Marketing problems that challenge the swine industry. *Ibid.*, 26th An. Meet., pp. 134-38. (1600)

Livestock marketing costs. *Nat. Livestock Prod. Mag.*, 2:10:12. (1860)

Six million hog men have their problems. *Ibid.*, 12:2:4. (2300)

Canada grades her hogs—exports the bacon. *Ibid.*, 12:4:4,5. (3600)

Coordination of markets is needed. *Ibid.*, 12:5:5. (2800)

Home weights should be accurate. *Cattleman*, 20:3:19-20. (2600)

Current problems in livestock marketing. *Kansas City Daily Drovers Telegram*. 53:19:1,5. (3150)

Current problems in livestock marketing. *Stock Yards Daily J. (St. Joseph)*, 37: 65:6. (3150)

Current problems in livestock marketing. *Oklahoma Live Stock News*, 24:8:1,82, 83:1. (3150)

Articles (continued)

Current problems in livestock marketing. *Breeder's Gaz.*, 98:25:2465:5,14,15. (2900)

Current problems in livestock marketing. *Northwestern Bank.*, 557:13,14,21,22. (3150)

Current problems in livestock marketing. *Indianapolis Daily Live Stock J.*, 46:47: 2,4. (3150)

AUDRIETH, LUDWIG F., Ph.D.

Associate in Chemistry

Articles:

Über Solvosysteme chemischer Verbindungen. *Zeits. physikal. Chem.*, 165:323-30. (2000)

With P. Walden:

Leitfähigkeitsmessungen in Anilin. *Ibid.*, 165:11-25. (4000)

With M. T. Schmidt:

Fused "onium" salts as acids. I. Reactions in fused ammonium nitrate. *Proc. Nat. Acad. Sci.*, 20:221-25. (1600)

With E. E. Jukkola and B. S. Hopkins:

Observations of the rare earths. XLI. Electrolytic preparation of rare earth amalgams. 3. Amalgams of lanthanum, neodymium, cerium, samarium and yttrium. Metallic lanthanum, neodymium and cerium by thermal decomposition of their amalgams. *J.A.C.S.*, 56:303-04. (800)

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

Articles:

Mechanical aeration of sewage. *Water Works and Sewerage*, 8:1:27. (3000)

BABCOCK, SIDNEY HENRY, JR., Ph.D.

Special Research Assistant in Chemistry

See R. C. Fuson.

BADGER, ALFRED EARL, M.S.

Research Assistant in Ceramic Engineering

See G. L. Clark and C. W. Parmelee.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Associate in Chemistry

Books:

Laboratory assignments for Chemistry 2. Edwards Bros., Ann Arbor, Michigan. 41 pp.

Articles:

With Robert W. Auten:

Stereochemistry of complex inorganic compounds I. The Walden inversion as exhibited by diethylenediaminocobaltic compounds. *J.A.C.S.*, 56:4:774-76. (1800)

The preparation of anhydrous ethylene diamine. *Ibid.*, 56:4:955. (350)

BAKER, FRANK COLLINS, B.S.

Curator, Museum of Natural History

Articles:

Polygyra dorfeuilliana and *Bulimoides dealbatus* in Illinois. *Nautilus*, 47:4-7. (1400)

A new *Stagnicola* from Montana. *Ibid.*, 47:30-32. (760)

Self fertilization and nidification in *Physa haley*. *Ibid.*, 47:35. (200)

Articles (continued)

- A new form of *Polygyra tridentata* from Illinois. *Ibid.*, 47:59. (300)
 Two new races and a new species of *Helisoma* from California. *Ibid.*, 47:140-42. (650)
 Studies on the bottom fauna of freshwater lakes. *Science*, 78:190-91. (600)
 The genitalia of the Indian mollusk *Indoplanorbis exustus*. *J. Morph.* 55:1-13. (5900)
 New species of Lymanacidae from British America. *J. Wash. Acad. Sci.*, 23:520-23. (1000)
 Description of a new species of *Gyraulus*. *Can. Field-Nat.*, 48:27. (300)
 New Canadian Lymnaeas. *Ibid.*, 48:69-70. (250)
 The variation and distribution, recent and fossil, of the snail *Polygyra profunda* Say, in Illinois. *Amer. Mid. Nat.*, 15:178-86. (3500). Abstract, *Trans. Ill. Acad. Sci.*, 25:189. (700)

BALDWIN, EDWARD CHAUNCEY, Ph.D.
 Professor of English

Reviews:

- Giant killer, by Elmer Davis. *B'nai B'rith Mag.*, 47:9:285. (500)
 Literature of the Bible, by George Sprau. *Ibid.*, 47:11. (600)

BALDWIN, THOMAS WHITFIELD, Ph.D.
 Professor of English

Articles:

- Shakespeare and Shallow. *T.L.S.*, Oct. 8, 1931, p. 778. (1100)
 Shakespeare's company. *Ibid.*, Feb. 8, 1934, p. 92. (500)

Reviews:

- Taming of the Shrew, by Sir Arthur Quiller-Couch and J. D. Wilson. *J. Engl. Germ. Philol.*, 21:152-56.

BARLOW, REUEL RICHARD, A.M.
 Associate Professor of Journalism

Articles:

- Can editors and teachers get together? *Quill*, 22:3:5, 12. (2000)
 High spots on the horizon. (Reprint of above article). *Pub. Aux.*, 69:13:5. (2000)

Reviews:

- The influence of the pre-war press in Europe, by S. B. Fay. *Journ. Qt.*, 10:2:162-63. (500)

BARTHOLOMEW, HARLAND, C.E.
 Non-resident Professor of Civic Design

Articles:

- Preventing disintegration of cities. *Civ. Eng.*, 3:5:259-62.
 The technical problems in slum clearance—the planner's viewpoint. *Proc. Nat. Conf. City Planning*, 1933, pp. 121-30.

BARTLETT, JAMES HOLLEY, JR., Ph.D.
 Assistant Professor of Theoretical Physics

Articles:

- With C. G. Dunn and F. W. Brown:
 Charge distributions for the normal atoms from boron to neon. *Phys. Rev.*, 44:296-99. (2000)
 With J. J. Gibbons, Jr.:
 Isotope shift in neon. *Ibid.*, 44:538-43. (4000)

Articles (continued)

With F. W. Brown:

- Hyperfine structure of fluorine. *Ibid.*, 45:527-37. (6000)

BARTLETT, ROLAND WILLEY, Ph.D. Assistant Professor of Agricultural Economics

Articles:

- Stabilization of the dairy business. *Ind. Dairy Assoc. An. Rpt.*, 1934. (2000)
 Prices and consumption of milk in specific cities as related to industrial payrolls and other economic factors. *Ill. Agr. Exp. Sta. Bul.* 397. 84 pp. Abstract, *Ill. Agr. Exp. Sta. Circ.* 418. (4000)
 Demand factors as related to volume of milk sales. *Dairy Manufacturers Short Course Manual* Dept. of Dairy Husbandry, Univ. of Ill., Jan., 1934, pp. 54-58. (2300)
 New York and Philadelphia milk and cream sales. *Amer. Cream. Poultry Produce Rev.*, Aug. 30, 1933. pp. 582-600. (1900)
 Marketing problems as affected by recent economic changes. *Ill. Agr. Exp. Sta., Dept. of Agr. Econ.*, Mimeo., Jan., 1934. (4400)
 Milk prices—consumption as related to industrial payrolls. *Dairy Produce*, Feb. 20, 1934. (2400)
 With others in the *College of Agriculture*:
 Domestic situation—industrial activity, prices in the country as a whole, Illinois farm prices, and payrolls and employment. In *Agricultural Outlook for Illinois*, 1934, pp. 6-9. (1300)
 Illinois farm prices, payrolls and employment, and retail food prices. In *Supplementary Agricultural Outlook for Illinois*, 3d quarter, 1933. pp. 1-4. (1300)

BARTO, HARRIET THOMPSON, A.M.
 Assistant Professor of Dietetics
 See Sybil Woodruff.

BAUER, FREDERICK CHARLES, Ph.D.
 Professor of Soil Fertility

Articles:

- Crop yields from Illinois soil experiment fields in 1932. *Ill. Agr. Exp. Sta. Bul.* 398. (5000)
 Present and potential productivity. *Farm Appraisals*, Mimeo. Rpt. of Conference for Land Appraisers, Univ. of Ill., Sept., 1933, pp. 21-24. (1700)
 With E. A. Norton, R. S. Smith, E. E. De-Turk, and L. H. Smith:
 Jackson county soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 55. 35 pp.
 Schuyler county soils. *Ibid.*, 56. 23 pp. (9300)
 With C. M. Linsley:
 Test your soil for acidity. *Ill. Agr. Exp. Sta. Circ.* 346, rev. ed. (3800)

BAWDEN, WILLIAM THOMAS, Ph.D.
 Instructor in Industrial Education

Articles:

- Twelve technical terms every boy should know. *Ind. Educ. Mag.* 24:1:1.

BAWDEN, W. T.—Articles (continued)

- Reorganizing industrial-arts instruction. *Ibid.*, 34:10:161.
- Industrial arts in the New Roosevelt Junior High School. *Ibid.*, 34:10:163.
- Recommendations of educational leaders. *Ibid.*, 34:11:175.
- The philosophy of industrial-arts education. *Ibid.*, 34:11:178.
- Superintendents, principals, and the manual-arts program. *Ibid.*, 34:12:189.
- Identifying the gifted pupil. *Ibid.*, 35:1:1.
- Standing up under fire. *Ibid.*, 35:2:19.
- Studying the individual in the part-time school. *Ibid.*, 35:2:19.
- The challenge of the future. *Ibid.*, 35:2:20.
- Claims of the industrial-arts subjects. *Ibid.*, 35:2:40.
- Function of expert leadership. *Ibid.*, 35:4:73.
- Information content in industrial arts. *Ibid.*, 35:4:73.
- More advanced lists of technical terms. *Ibid.*, 35:4:74.
- Articulation of high school and college. *Ibid.*, 35:5:91.
- Relation of industrial arts to the Wisconsin philosophy of education. *Wis. J. Educ.*, 65:6:262.

BAYLEY, WILLIAM SHIRLEY, Ph.D.
Professor of Geology, *Emeritus*

Reviews:

- Tabellen zur Berechnungen von Mineral- und Gesteinsanalysen, by H. von Phillipsborn. *Econ. Geol.*, 28:4:401. (275)
- Prospector's field-book and guide, by H. S. Osborn. *Ibid.*, 28:6:608. (275)
- Angewandte Geophysik für Bergleute und Geologen, by H. Reich. *Ibid.*, 28:7:700-01. (150)
- History of the theory of ore deposits, by T. Crook. *Ibid.*, 28:8:787-88. (700)
- On the mineralogy of sedimentary rocks, by P. G. H. Boswell. *Ibid.*, 28:8:789. (360)
- Minerals and the microscope, by H. G. Smith. *Ibid.*, 29:1:100. (75)
- Thin-section mineralogy, by A. F. Rogers and P. F. Kerr. *Ibid.*, 29:2:207. (380)
- Aufsuchung von Wasser mit geophysikalischen Methoden, by J. Koenigsberger. *Ibid.*, 29:2:210. (150)
- The deformation of the Earth's crust, by W. H. Bucher. *Ibid.*, 29:3:309-10. (625)
- The geology of Texas, by E. H. Sellards, W. S. Adkins, and F. B. Plummer. *Ibid.*, 29:3:313-14. (250)

BEADLES, JESSIE RACHEL, B.S.
Assistant in Animal Nutrition
See H. H. Mitchell.BEARD, JOSEPH HOWARD, A.M., M.D.
Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

Articles:

- Engineering and medicine. *Technograph.* 48:1:11-12, 22. (2500)

BERDAHL, CLARENCE ARTHUR, Ph.D.
Professor of Political Science

Articles:

- American foreign policy. *Amer. J. Sociol.*, 38:6:845-56. (3500)

Reviews:

- The problem of disarmament, ed. by R. Schmidt and A. Grabowsky. *Amer. Pol. Sci. Rev.*, 27:4:671-72. (700)
- Krig eller Fred, by O. Wallengren. *Ibid.*, 28:2:348. (300)
- In defense of the senate: a study in treaty making, by R. J. Dangerfield. *Ann. Amer. Acad. Pol. and Soc. Sci.*, 169:204. (600)
- International politics: an introduction to the western state system, by F. L. Schuman. *Internat. J. Ethics*, 44:1:142-45. (1500)

BERMAN, EDWARD, Ph.D.
Associate Professor of Economics

Articles:

- Labour and industrial recovery in the United States. *Labour (London)*, 1:3:68-69. (2000)
- Trade unionism and socialism. Chapter XXI of *Socialist Planning and a Socialist Program*, ed. by H. W. Laidler, Falcon Press, N.Y. pp. 186-92. (1700)

Reviews:

- The government and labor disputes, by E. E. Witte. *Amer. Econ. Rev.*, 12:3:515-17. (1000)

BERNBAUM, ERNEST, Ph.D.
Professor of English

Books:

- Victorian literature. 2d. ed., rev. Thomas Nelson and Sons, N.Y., 1933. 779 pp.

Articles:

- Recent works on prose fiction before 1800. *Mod. Lang. Notes*, 48:370-78. (3200)

BIRCH, CARROL LA FLEUR, M.S., M.D.
Assistant Professor of Medicine

Articles:

- Hemophilia. *Med. Clin. N. Amer.*, 17:23:351-68. (4000)

BLAIR, JOSEPH CULLEN, D.Sc.
Professor of Horticulture and Head of the Department

Articles:

- Services which the American pomological society has rendered American horticulture. *Proc. Amer. Pomol. Soc.*, 49:142-54.

BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

Books:

- A geography of Illinois. American Book Co., N.Y., 1934. 64 pp.

BLOOM, MARGARET, Ph.D.
Instructor in English

Articles:

- Conversation in the writings of Madame de Staël. *P.M.L.A.*, 48:3:861-67. (3500)

BOGART, ERNEST LUDLOW, Ph.D.
Professor of Economics and Head of the Department

Books:

The water problem of southern California. Ill. Studies in Soc. Sci., 19:4. 132 pp.

Reviews:

Applied economics: essays in world economics in its bearing on economic India, by B. K. Sarkar. Amer. Econ. Rev., Oct., 1933. (300)

Economic development of modern Europe, by C. Day; and a history of the economic institutions of modern Europe, by F. L. Nussbaum. Amer. Hist. Rev., Jan., 1934. (300)

BOIKAN, WILLIAM S., B.S., M.D.
Instructor in Medicine and in Pathology
See H. A. Singer.

BONIN, GERHARDT VON, M.D.
Assistant Professor of Anatomy

Articles:

On the size of man's brain as indicated by skull capacity. J. Comp. Neurol., 59:1-28. (4000)

BRAHANA, HENRY ROY, Ph.D.
Assistant Professor of Mathematics

Articles:

Prime-power abelian groups generated by a set of conjugates under a special automorphism. Amer. J. Math., 55:553-84. (15,000)

On isomorphisms of the abelian group of type $\cdot 1, 1, \dots$. *Ibid.*, 56:53-61. (4500)

On cubic congruences. Bul. Amer. Math. Soc., 55:553-84. (15,000)

BRANNON, JAMES MARSHALL, Ph.D.
Assistant Professor of Dairy Bacteriology

Articles:

Potato odor in cream. Milk Plant Mo., 23:1:41-42. (790)

Reviews:

Rickets and vitaminized milk. *Ibid.*, 22:9:52-58.

Rickets and vitaminized milk. *Ibid.*, 22:10:44-50. (7200)

BRAY, ROGER HAMMOND, M.S.
Associate in Soil Survey Analysis

Articles:

Theoretical and practical considerations in testing for replaceable potassium. Rpt. N. E. Section, Amer. Soc. Agron., Boston, Dec. 28, 1933, pp. 9-10. (900)

The easily soluble iron, manganese and aluminum in Illinois soils. Amer. Soil Surv. Assoc. Bul., 15:69. (500)

A chemical study of soil development in the Peorian loess region of Illinois. *Ibid.*, 15:58-65. (7200)

BRODERICK, EDWIN LAURENCE, M.S.
Research Assistant in Mechanical Engineering
See A. P. Kratz.

BRONSTEIN, I. PAT, B.S., M.D.
Associate in Pediatrics

Articles:

Hypothyroidism and Cretinism in childhood. 1. Blood Cholesterol. J.A.M.A., 100:1661-63. (2500)

Hypothyroidism and Cretinism in children. Consideration of some special problems. Chicago Med. Soc. Bul., 36:2. (500)

Hypothyroidism in children. Amer. J. Dis. Child., 47:913. (1000)

BROOKS, NEIL CONWELL, Ph.D.
Professor of German and Curator of the Museum of European Culture

Reviews:

Die deutschen und französischen Osterspiele bis zum 15. Jahrhundert, von Dr. Helmut Niedner. J. Engl. Germ. Philol., 32:3:413-15. (900)

The drama of the medieval church, by K. Young. *Ibid.*, 33:2:286-92. (3200)

BROWN, HUGH ALEXANDER, M.S., E.E.
Assistant Professor of Electrical Engineering
See E. B. Paine.

BROWN, REX LENOI, M.S.
Research Associate in Theoretical and Applied Mechanics
See F. E. Richart.

BUCHHOLZ, JOHN THEODORE, Ph.D.
Professor of Botany

Articles:

Seeds (Science service radio talk over Columbia Broadcasting System). Sci. Mo., 38:267-69. (1500)

The classification of coniferales. Trans. Ill. Acad. Sci., 25:112-13. (800)

With C. C. Doak and A. F. Blakeslee:

Results obtained from spliced styles. (Abstract). Amer. Nat., 68:162-63. (350)

BULL, BENTON ALEXANDER, M.S.
Assistant in Chemistry
See R. C. Fuson.

BULL, SLEETER, M.S.
Associate Professor of Meats

Articles:

Cutting and curing the pork carcass. Successful Farming, 32:1:34,35. (2000)

Eat your own pork. Ill. Agr. Exp. Sta. Mimeo. (2000)

Cutting the beef carcass. *Ibid.* (1000)

Beef rings. *Ibid.* (500)

BURGE, WILLIAM EDWARD, Ph.D.
Associate Professor of Physiology and Acting Head of the Department

Articles:

With O. S. Orth and G. C. Wickwire:

Copper in relation to chlorophyll and hemoglobin formation. Science, 79:2037:33-34. (800)

BURGE, WILLIAM E.—Articles (continued)

The stimulating effect of copper on chlorophyll formation. *Amer. J. Bot.*, 20:669. (300)

With H. J. Fuller:

A study of the effect of temperature and of strength of stimuli on contractility in the plant *mimosa*. *Amer. J. Physiol.*, 109:1. (300)

With G. C. Wickwire, L. P. Kneer, and H. W. Neild:

A comparison of the rate of disintegration in vitro of nucleated and non-nucleated red blood cells and the effect of copper on this rate. *Ibid.* (300)

With G. C. Wickwire:

Further study on the stimulating effect of copper on chlorophyll formation. *Ibid.* (300)

BURLISON, WILLIAM LEONIDAS, Ph.D., D.Agr.

Professor of Crop Production and Head of the Department of Agronomy

Articles:

With O. H. Sears and J. J. Pieper:

Sweet clover in Illinois. *Ill. Agr. Exp. Sta. Bul.* 394:210-62. (17,000)

With J. R. Holbert and A. G. Johnson:

Portable refrigeration chambers for studying cold resistance of plants in the field. *U.S.D.A. Circ.* 285. 28 pp. (5000)

With B. Kochler and G. H. Dungan:

Maturity of seed corn in relation to yielding ability and disease infection. *J. Amer. Soc. Agron.*, 26:4:262-74. (5400)

BUSWELL, ARTHUR MOSES, Ph.D.

Professor of Sanitary Chemistry and Chief of the State Water Survey

Articles:

Performance of Dearborn's chemical sewage treatment plant. *Water Works and Sewerage*, 81:87-92.

With H. W. Adams:

The ortho-tolidine test for chlorine. *J. Amer. Water Works Assoc.*, 25:8:1118-39.

With C. R. Breden:

The use of shredded asbestos in methane fermentations. *J. Bact.*, 26:4:379-83.

With T. E. Larson and C. S. Boruff:

A carbon study of sludge-digestion gas from water. *Sewage Works J.*, 6:1:24-35. Reprinted as *Ill. State Water Surv. Circ.* 14.

CAHN, ALVIN ROBERT, Ph.D.

Assistant Professor of Zoology

Articles:

Hibernation of the box turtle. *Copeia*, 1: 13-14. (800)

Two unusual woodchuck skulls. *Amer. Mid. Nat.*, 15:2:197-99. (1200)

With G. I. Wallace and L. J. Thomas:

Klebsiella paralytica, a new pathogenic bacterium from "moose disease." *J. Infect. Dis.*, 53:3:386-414. (17,500)

CANTER, HOWARD VERNON, Ph.D.

Professor of Classics

Articles:

The mythological paradigm in Greek and Latin poetry. *Amer. J. Philol.*, 14:3:201-24. (10,000)

Articles (continued)

Roma quantum mutata ab illa. *Class. J.*, 29:85-103. (7000)

In memoriam H. J. Barton. *Ibid.*, 29:233-35. (750)

CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry

Books:

With M. Henderson:

Farm poultry production. Interstate Printing Co., Danville, Ill. 1933. 202 pp.

With W. A. Lippincott:

Poultry production. 5th ed., Lea and Febiger, Phila., 1934. 723 pp.

CARMICHAEL, ROBERT DANIEL, Ph.D.

Professor of Mathematics and Dean of the Graduate School.

Articles:

Summation of functions of a complex variable. *Ann. Math.*, 2d s., 34:2:349-78. (15,000)

Functions of exponential type. *Bul. Amer. Math. Soc.*, 2d s., 40:4:241-61. (8400)

Reviews:

The case against Einstein, by Arthur Lynch. *Opinion*, May, 1933, pp. 32, 34. (500)

Linguistic analysis of mathematics, by A. F. Bentley. *Amer. Math. Mo.*, 40:6: 352-53. (400)

CARO, MARCUS RAYNER, B.S., M.D.

Associate in Dermatology

See M. S. Wien.

CARROLL, WILLIAM ERNEST, Ph.D.

Professor of Swine Husbandry

Articles:

Oats as a feed for swine. *Ill. Agr. Exp. Sta. Circ.* 414. 12 pp.

With R. H. Wilcox and T. G. Hornung:

Some important factors affecting costs in hog production. *Ill. Agr. Exp. Sta. Bul.* 390. 60 pp.

With T. S. Hamilton and G. E. Hunt:

The prevention of anemia in suckling pigs, with observations on the blood picture. *J. Agr. Res.*, 56:543-63.

CASE, HAROLD CLAYTON M., Ph.D.

Professor of Agricultural Economics and Head of the Department

Articles:

Value of Illinois farm land. *J. Farm Econ.*, 15:4:734-37. (1600)

Handling delinquent farm mortgages without foreclosure. *Ibid.*, 16:2:276-86. (3500)

See also M. L. Mosher.

CLARK, FRANCIS MATTHEW, Ph.D.

Instructor in Bacteriology

Articles:

With Roy Hansen:

A rapid method for identifying the bacteria in nodules of legumes. *Soil Sci.*, 36:5:369-74. (1100)

CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Analytical Chemistry

Articles:

Chapter XXI of *The Science of Radiology*. C. C. Thomas, Springfield, Ill., 1933. pp. 354-74.

Articles (continued)

Modern alchemy. *Ill. Chem. Teacher*, 1: 1:1. (2000)

With *W. A. Sisson*:

X-ray method for quantitative comparison of crystallite orientation in cellulose fibers. *Ind. Eng. Chem., Anal. Ed.*, 5:5:296. (3500)

Preferred orientation produced by cold rolling low carbon sheet steels: some x-ray observations. *Metals and Alloys*, 4:12.

With *E. Girden and Elmer Culler*:

Auditory effects of Roentgen rays in dogs. *Amer. J. Roentgen. Radium Ther.*, 30:2:215. (4000)

With *E. E. Howe and A. E. Badger*:

Lattice dimensions of some solid solutions in system $MgO-Al_2O_3$. *J.A.C.S.*, 17:1:7. (800)

With *J. N. Mrgudich*:

X-rays reveal successive steps in cable oil determination. *Electrical World*, 103:8:284. (2500)

An x-ray diffraction study of the effect of rachitis upon the structural characteristics of bone. *Amer. J. Physiol.*, 108:1:74. (2500)

With *Julia Southard*:

Sorption on cotton fibers of dyes with varying molecular association in solution. *Physics*, 5:3:95. (4000)

With *P. F. Ziegler*:

The x-ray in the study of the catgut ligature. *Surg. Gyn. Obstet.*, 58:3:578. (6000)

With *R. K. Flege and P. F. Ziegler*:

Surgical catgut ligatures: x-ray diffraction studies. *Ind. Eng. Chem.*, 26:4:440. (7500)

See also *A. I. Andrews*.

Reviews:

Industrial Radiography, by *A. St. John and H. R. Isenburger*. *Rev. Sci. Instr.*, 5:4:167. (800)

CLEMENT, JOHN ADDISON, Ph.D.

Professor of Education

Articles:

An analytical study of courses of study of north central secondary schools. 8:4:475-90. (9000)

The tradition-shackled curriculum. *Ill. Teacher*, 22:5:141-42, 154-55. (4000)

Recreating the curriculum. *Ibid.*, 22:7:203-04, 221-24. (4500)

See also *A. W. Clevenger*.

CLEVINGER, ARTHUR WILBUR, A.M.

High School Visitor

Articles:

Standards and recommendations of the North Central Association (pertaining to interscholastic athletics). *Ill. High School Athlete*, May, 1934, pp. 120-21.

With *H. D. Trimble, F. C. Hood, J. C. Hanna, H. M. Thrasher, and L. L. Blair*:
The recognition and accrediting of Illinois secondary schools, July, 1933. (Rev. ed.)

Articles (continued)

With *J. A. Clement, O. F. Weber, W. S. Monroe, W. C. Reavis, and others*:

Desirable working relationships which should exist between the board of education and the principal of the high school. *Univ. of Ill. Circ.*, April 20, 1934.

With *H. D. Trimble*:

Report of the committee on admissions from secondary schools, June 13, 1933.

With *J. A. Clement and others*:

College preparation of the high school teachers. *Ill. Teacher*, Sept., 1933, pp. 25-28.

With *J. A. Clement and C. K. Helfrick*:

A study of programs of physical education and athletics of 244 public high schools in Illinois which are members of the North Central Association. Mimeo.

With *J. A. Clement and M. W. Barnes*:

A study of the college degrees possessed by administration heads of accredited public high schools in Illinois, outside Chicago, for 1932-33, in comparison with 1933-34. Mimeo.

With *J. A. Clement and Norman Lovellette*:

A study of post-graduate students enrolled in accredited public high schools in Illinois outside Chicago. Mimeo.

With *J. A. Clement and Leo Deerwester*:

A study of the length of class periods, the number of periods per day, and the number of days which schools were in session during the year. Mimeo.

With *J. A. Clement, R. W. Swindell, and E. M. Jasper*:

A study of pupil and teacher loads, and of pupil-teacher ratio in the accredited public high schools of Illinois outside Chicago. Mimeo.

With *J. A. Clement and others*:

An investigation of the program of studies in actual use in 569 accredited public high schools of Illinois outside Chicago. Mimeo.

With *J. A. Clement and K. W. McHenry*:

A study of certain items pertaining to the libraries of 591 accredited public high schools of Illinois outside Chicago.

COBLE, ARTHUR BYRON, Ph.D., LL.D.

Professor of Mathematics and Head of the Department

Articles:

Hyperelliptic functions and irrational binary invariants. *Ill. Amer. J. Math.*, 55:349-75. (12,000)

COLBY, ARTHUR SAMUEL, Ph.D.

Professor of Pomology

Articles:

The small fruit variety question in Illinois. *Trans. Ill. Acad. Sci.*, 25:116-18. (1100)

Shall we plant a home garden of small fruits? *Amer. Fruit Grower*, 54:4:15-28. (1000)

Some trends in small fruit culture. *Trans. Ill. Hort. Soc.*, 67:346-60. (4000)

With *L. R. Tucker*:

Some effects of severity of pruning on growth and production in the Concord grape. *Ill. Agr. Exp. Sta. Bul.* 393. (8200)

CONVERSE, PAUL D., A.M.

Professor of Business Organization and Operation

Books:

Marketing notes. (Mimeo.) Daniels and Schoaff, Champaign, Ill. 1933. 74 pp.

Articles:

The first decade of marketing literature. N.A.T.M.A. Bul., Sup., Nov., 1933. (1500)

Reviews:

American business leaders, by F. W. Tausig and C. S. Joslyn. J. Bus., 6:3:270-73. (1500)

COOPER, FRANKLIN SEANEY, B.S.

Assistant in Physics

See P. G. Kruger.

COPLEY, MICHAEL JOSEPH, Ph.D.

Associate in Chemistry

See T. E. Phipps.

CORNBLEET, THEODORE, B.S., M.D.

Associate in Dermatology

Articles:

Some nonspecific dermatoses. Arch. Derm. Syph., 27:956-62. (2800)
Self-sterilizing powers of the skin: are they endowed by the surface acid? *Ibid.*, 28:526-31. (3000)

CRANDELL, JOHN STANLEY, B.S., C.E.

Professor of Highway Engineering

Articles:

Save investments in road base. Construction Digest, 6:40:6, 11-12. (3600)
Simple safeguard for night drivers. Eng. News-Rec., 3:6:141. (250)
Resurfacing streets and highways. Roads and Streets, 77:3:75-77. (6500)
Fillers and cushion courses for brick and block pavements. Proc. 13th Meet. Highway Res. Bd., Nat. Res. Council, pp. 256-61. (7200)

CRATHORNE, ARTHUR ROBERT, Ph.D.

Associate Professor of Mathematical Statistics

Books:

With H. L. Rietz and J. C. Rietz:

Tables for mathematics of finance. Henry Holt and Co., N.Y. 1934. 84 pp.

Articles:

Moments de la binomiale par rapport a l'origine. Comptes Rendus, 198:13:1202-03. (170)

Reviews:

Economic control of quality of manufactured product, by W. A. Shewhart. Amer. Math. Mo., 40:6:353-55. (1200)

CULLER, ELMER AUGUSTIN K., Ph.D.

Associate Professor of Psychology

Articles:

Conditioned responses of higher order with constant motivation. Psych. Bul., 29: 679.

With Glen Finch and E. Girden:

Relation of the weaver-bray effect to auditory acuity in dogs. *Ibid.*, 30:581.

Function of the round window. Science, 78:2021:269-70.

Articles (continued)

With E. Girden:

Auditory effects of x-rays in dogs. Psych. Bul., 30:705.

With F. A. Mcttler:

Hearing and vision in decorticate animals. Proc. Soc. Exp. Biol. Med., 31:607-09.

See also G. L. Clark.

DALITSCH, WALTER WILLIAM, M.D.,

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Associate in Medicine and Health Officer for the Chicago Departments

Articles:

Health service in the Chicago Departments of the University of Illinois. Alumni J. Univ. of Ill., 11:9:332.

DAWSON, WALKER MYRICK, Ph.D.

Assistant in Animal Husbandry

Articles:

The pulling ability of horses as shown by dynamometer tests in Illinois. Proc. Amer. Soc. Animal Prod., 26th An. Meet., Dec., 1933, pp. 117-21. (1600)

DELARGY, PAUL LEE, Ph.D.

Instructor in Philosophy

Articles:

Perspectivity and objectivity. J. Phil., 31: 2:29-39. (4000)

A scandal in philosophy scanned. Internat. J. Ethics, 44:1:129-34. (2000)

Reviews:

Les fondements du droit, par E. Levy. *Ibid.*, 44:2:262. (325)

Invitation to philosophy, by D. Drake. *Ibid.*, 44:3:372-76. (1400)

DETURK, ERNEST E., Ph.D.

Professor of Soil Technology

Articles:

With E. A. Norton, R. S. Smith, F. C. Bauer, and L. H. Smith:
Jackson county soils. Ill. Agr. Exp. Sta. Soil Rpt., 55:1-35. (15,000)
Schuyler county soils. *Ibid.*, 56:1-23. (9000)

DICKINSON, BURRUS S., Ph.D.

Associate in Journalism

Articles:

Electricity rate reduction. Chicago J. Com., 14:161:8. (1000)

DIETZ, FREDERICK CHARLES, Ph.D.

Professor of History

Books:

English public finance. Century Co., N.Y. 1932. xviii + 478 pp.
Political and social history of England, rev. ed. Macmillan Co., N.Y., 1932. xxii + 786 pp.

Articles:

English public finance and the national state. In *Facts and Factors in Economic History*, Harvard Univ. Press, 1932, pp. 114-34.

Articles on Robert Cecil, Earl of Salisbury, and Sir Robert Walpole. In *Encyclopaedia of the Social Sciences*.

DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

Articles:

- Mastery in college. *J. Higher Educ.*, 5:3: 121-24. (1800)
 Testing reading. *Elem. Sch. J.*, 34:1:36-43. (3600)
 Graduate work of superintendents. *Ibid.*, 34:3:203-08. (2700)

DOLLEY, JOHN SEIVER, M.S.

Assistant in Zoology

Articles:

- Preliminary notes on the biology of the St. Joseph River. *Amer. Mid. Nat.*, 14: 3:193-227. (7200)

DORNER, HERMAN BERNARD, M.S.

Professor of Floriculture

Articles:

- Handling cut flowers to prolong their keeping qualities. *Flor. Exch.*, 82:16:15. (10,000). Excerpts, *Flor. Rev.*, 74:1900: 16.

DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

Articles:

- The bud sport situation in pomology. *Trans. Ill. Hort. Soc.*, 67:212-24. (6000)
 Relation of fruit bud formation and the set. *Ibid.*, 67:466-77. (5000)

Reviews:

- The apple, by Sir Daniel Hall and M. B. Crane. *J. Hered.*, 25:69-71. (1500)

DRAFFIN, JASPER OWEN, M.S.

Associate Professor of Theoretical and Applied Mechanics

Articles:

- Function of the testing laboratory in teaching resistance of materials. *J. Eng. Educ.*, 23:9:681-85. (2000)

DREYER, IRVING, M.S., M.D.

Assistant in Medicine

Articles:

- Medical education in America. *Bul. Fed. State Med. Bds.*, 20:1. (1000)
 Medicine and the new deal. *Illini Scope* (Coll. of Med., Univ. of Ill.), March, 1934. (500)

DUNBAR, LOUISE BURNHAM, Ph.D.

Assistant Professor of History

Articles:

- Nicola, Lewis. *Dict. Amer. Biog.*, 13:509-10. (950)
 The fraternal interests of George Washington. *Portals of Alpha Delta Theta*, 11:1:3-7. (2400)

Reviews:

- Republican religion: the American revolution and the cult of reason, by G. Adolf Koch. *Miss. Vall. Hist. Rev.*, 20:3:408. (325)
 Honest John Adams, by Gilbert Chinard. *Ibid.*, 20:4:571-72. (430)

DUNGAN, GEORGE HARLAN, Ph.D.

Associate Professor of Crop Production

Articles:

With D. O. Carter:

- Some observations on the function of corn tiller. *Trans. Ill. Acad. Sci.*, 25:4. (1100)

Articles (continued)

With W. P. Flint and J. H. Bigger:

- Fighting the chinch bug on Illinois farms. *Ill. Agr. Exp. Sta. Circ.* 419. (4500)
 See also W. L. Burlison.

DUNN, CECIL GORDON, M.S.

Assistant in Physics

See J. H. Bartlett.

EMCH, ARNOLD, Ph.D.

Professor of Mathematics

Articles:

- Ueber eine besondere Raumkurve sechster Ordnung. *Monats. für Math. und Physik*, 40:193-200. (3000)
 On an involutorial Cremona transformation in Sr. Tohoku Math. J., 37:100-09. (4000)
 Ueber symmetrische Monoide und Kegelschnitt. *Commentarii Mathematici Helvetici*, 6:129-43. (5000)
 Hilberts intuition geometry. *Bul. Amer. Math. Soc.*, 39:319-20. (1200)

Reviews:

- Darstellende Geometrie, by R. Haussner and W. Haack. *Bul. Amer. Math. Soc.*, 39:845. (150)
 Einleitung in die höhere Geometrie, by L. Bieberbach. *Ibid.* (130)

ENGER, MELVIN LORENIUS, M.S., C.E.

Professor of Mechanics and Hydraulics and Dean of the College of Engineering

Articles:

- Relief valves and air chambers. Symposium on Water Hammer, Sales Dept., Amer. Soc. Mech. Eng., June, 1933, pp. 97-115. (12,000)

ENGLIS, DUANE TAYLOR, Ph.D.

Assistant Professor of Chemistry

Articles:

- With F. A. Dykins, E. C. Kleiderer, U. Heubaum, and V. R. Hardy:
 Production of a palatable artichoke sirup. I. General Procedure. *Ind. Eng. Chem.*, 25:937-46. (3600)
 With F. A. Dykins:
 Production of a palatable artichoke sirup. II. Hydrolysis of the polysaccharide material. *Ibid.*, 25:1165-76. (4300)

ETHEREDGE, MAUD LEE, M.D.

Professor of Hygiene and Medical Adviser

Books:

- Health facts for college students. Saunders Pub. Co., Phila., 1933. 342 pp.

EWERT, EARL ERNEST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

FABRICANT, NOAH DANIEL, M.D.

Instructor in Otolaryngology

Articles:

- Cavernous sinus thrombosis following submucous resection. *Arch. Otolaryng.*, 17: 635-39.

With S. L. Shapiro and R. M. Stephan:

- Sensory disturbances following radical operations on the antrums. *Ibid.*, 19: 303-10.

See also N. Fox and F. L. Lederer.

FAHNESTOCK, MAURICE KENDALL, M.S.
Research Assistant Professor of Mechanical
Engineering

See A. P. Kratz and A. C. Willard.

FAIRLIE, JOHN ARCHIBALD, Ph.D.
Professor of Political Science

Articles:

Commissions et comités législatifs aux
Etats-unis. *Annuaire de l'Institut Inter-
nationale de Droit Public*, 1933, pp.
43-72. (7500)

British Malaya. *Amer. Pol. Sci. Rev.*, 27:
811-15. (2500)

With others:

Principles of a model county government.
Nat. Munic. Rev., 22:467-86. (4800)

Recommendations on township government.
Ibid., 23:137-45. (2500)

Reviews:

The parliamentary powers of English gov-
ernment departments, by John Willis;
Parliamentary opinions of delegated
legislation, by Chih-Mai Chen. *Amer.
Pol. Sci. Rev.*, 27:994-96. (700)

Book notices. *Ibid.*, 28:333-34. (400)

FALLS, FREDERICK HOWARD, M.S., M.D.
Professor of Obstetrics and Gynecology, and
Head of the Department

Articles:

Dystocia. Two chapters in *Obstetrics and
Gynecology*, by Curtis. (20,000)

Tuberculosis and pregnancy and gynec-
ological tuberculosis. Two chapters in
A System of Clinical Tuberculosis, by
Benjamin Goldberg. (14,000)

Premature detachment of the placenta.
*Sioux Vall. Med. Soc. J. Lancet at
Minneapolis*. (4000)

A modification in technic of the Bell-
Beuttner operation. *Amer. J. Obstet.
Gyn.*, 27:1:89. (2000)

Diseases of the vulva and vagina. Chapters
in *Sajous Cyclopaedia of Medicine*.
(30,000)

FANTUS, BERNARD, M.S., M.D.
Professor of Therapeutics

Books:

General therapeutics. Year Book, Prac.
Med. Series, 1933. 448 pp.

Articles:

Relation of physical therapy to other forms
of therapy (William Benham Snow Mem-
orial Lecture). *Arch. Phys. Ther.*,
14:527-30.

Hahnemann's Organon. *Illini Scope*, Dec.,
1933. (2300)

The teaching of therapeutics. *Trans. Amer.
Therap. Soc.*, 33. (2000)

With H. A. Dyniewicz and J. M. Dyniewicz:

A study of vehicles for medicines—

2. Iso-alcoholic elixirs. *J.A.Ph.A.*, 22:7,8.
(3300)

3. Elixir of phenobarbital. *Ibid.*, 23:2.
(600)

4. Elixir of amidopyrine. *Ibid.*, 23:2.
(1600)

5. Compound elixir of chloral and bro-
mide. *Ibid.*, 33:3. (900)

FAYE, CHRISTOPHER URDAHL, A.M.,
M.S.

Cataloger, Library

Articles:

Ephphatha. *Lutheran Sentinel*, 16:153-54.
(600)

And he was a Samaritan. *Ibid.*, 16:161-63.
(700)

Weep not. *Ibid.*, 16:177-79. (900)

The feast of Christ the King. *Ibid.*, 16:
210-13. (1000)

Hvem er da min Naeste? *Evangelisk
Luthersk Tidende*, 16:153-54. (500)

Men et er forndent. *Ibid.*, 16:161-63.
(800)

De tog Vare paa ham. *Ibid.*, 16:169-71.
(600)

FINCH, GLEN, A.M.

Research Assistant in Psychology

See E. Culler.

FISHMAN, LOUIS ZOLO, B.S., M.D.

Instructor in Laryngology, Rhinology, and
Otolary

Articles:

Mechanism involving foreign bodies in the
posterior narrowing with special refer-
ence to sharp bodies such as open safety-
pins. *Arch. Otolary.*, 17:747-54. (1800)

See also F. L. Lederer.

FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Associate
Dean of the College of Liberal Arts and
Sciences

Reviews:

The works of John Milton (The Columbia
Milton). The minor poems. J. Engl.
Germ. Philol., 33:132-44. (5000)

The English prose works. *Ibid.*, pp. 300-05.
(2200)

FLINT, WESLEY PILLSBURY, B.S.

Entomologist with rank of Associate Profes-
sor

Articles:

Codling moth control by the use of insecti-
cides in Michigan, Ohio, Indiana, and
Illinois. *J. Econ. Ent.*, 27:141-43. (900)

Codling moth experiments during 1932-33.
Ill. Hort. Soc. Trans., 67:175-85. (4000)

Codling moth control by the use of treated
bands and orchard sanitation. *Iowa Hort.
Rpt.*, Nov., 1933. (2400)

Controlling codling moth by spraying.
Ibid. (2300)

Suggested cropping plans for years follow-
ing heavy chinch bug infestations. *Prairie
Farmer*, Aug., 1933. (900)

Grasshoppers as pests in Illinois. *Ibid.*,
Nov., 1933. (1200)

Starve the chinch bug with legumes. *Ibid.*,
Mar., 1934. (350)

The chinch bug as a pest of corn on the
American continent. *Rpt. World's Grain
Exhib. Conf.*, Regina, Can., 1933. (1500)

The unlucky 13-year locust. *Ill. State J.
and Ill. State Reg.*, June, 1933. (400)

With S. C. Chandler:

The most effective spray for codling moth
control. *Ill. Hort. Soc. Trans.*, 67:491-
505. (5000)

Articles (continued)

With G. H. Dungan and J. H. Bigger:

Fighting the chinch bug on Illinois farms. Ill. Agr. Exp. Sta. Circ. 419. (4500)

With J. R. Holbert and J. H. Bigger:

Chinch bug resistance in corn—an inherited factor. J. Econ. Ent., 27:121-24. (350)

With W. H. Larrimer:

The chinch bug and how to fight it. U.S. D.A. Farm. Bul. 1498, rev. ed., Feb., 1934. (10,000)

See also H. W. Anderson.

FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

Articles:

Vowel-harmony in Old Norse and Northern Aberdeenshire Scotch. J. Engl. Germ. Philol., 32:178-93. (7000)

Kristofer Nagel Janson. Dict. Amer. Biog., 9:612. (800)

Reviews:

Norske Innsjnamn. II. Buskerud Fylke. J. Engl. Germ. Philol., 33:149-50. (500)

Helsing til Olav Midttun på 50-Aarsdagen. *Ibid.*, 33:157. (500)

Nye Runeforskninger. *Ibid.*, 32:438. (400)

English place-name puzzles. *Ibid.*, 32:440-41. (500)

Evje-stenen og Alstad-stenen. *Ibid.*, 33:284-86. (900)

FOLK, MAX LYON, M.D.

Assistant Professor of Ophthalmology

Articles:

An analytical study of squint surgery. Ill. Med. J., 63:3:268-72. (3000)

FOX, NOAH, B.S., M.D.

Associate in Laryngology, Rhinology, and Otology

Articles:

Cure in case of cerebrosplinal rhinorrhea. Arch. Otolaryng., 17:1:85-86. (250)

With N. D. Fabricant:

Hyperesthetic rhinitis. *Ibid.*, 18:2:181-97. (3000)

FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

Articles:

As cans of milk go to market. Hoard's Dairyman, 78:24:428. (1700)

Profit milk tops the can. *Ibid.*, 79:4:69. (1800)

FREILICH, ELLIS BENJAMIN, M.D.

Associate Professor of Medicine

Articles:

With Oscar B. Ragins:

Clinical features of pulmonary tuberculosis. A clinical analysis of 1,099 consecutive cases discharged from Cook County Hospital Tuberculosis wards during 1932. Amer. Rev. Tubercul., 29:3:362-67. (2000)

See also M. Lewison.

FUSON, REYNOLD CLAYTON, Ph.D.

Professor of Organic Chemistry

Books:

With W. H. Carothers (Editor-in-Chief), L. F. Fieser, John R. Johnson, C. R. Noller, and W. W. Hartman:

Organic Syntheses. Vol. 13. John Wiley and Sons, N. Y., 1933. vii + 119 pp.

With W. W. Hartman (Editor-in-Chief), W. H. Carothers, L. F. Fieser, John R. Johnson, and C. R. Noller:

Organic Syntheses. Vol. 14. John Wiley and Sons, N. Y., 1934. vii + 100 pp.

Articles:

With Mark W. Farlow and Arnold Hoffman: Ring-chain conjugation in the quinoline series. J.A.C.S., 55:2000-04. (2000)

With S. H. Babcock:

The cleavage of carbonyl compounds by alkalies. IX. Phenacylpyridinium salts. *Ibid.*, 55:2946-48. (1500)

With Ellsworth Ellingboe:

The coupling action of the Grignard reagent. V. The influence of the halogen atom of the reagent. *Ibid.*, 55:2960-66. (3000)

With Benton A. Bull:

The cleavage of carbonyl compounds by alkalies. X. Trihalomethylketonic acids. *Ibid.*, 55:3424-28. (1800)

Trihalomethylketonic acids of the naphthalene series. *Ibid.*, 56:736-38. (1200)

With C. F. Woodward:

The cleavage of carbonyl compounds by alkalies. XI. The action of hypobromite solutions on beta-diketones. *Ibid.*, 55:3472-75. (1800)

With A. P. Kozacik and J. T. Eaton:

The reversible addition of aromatic compounds to conjugated systems. *Ibid.*, 55:3799-03. (2300)

With M. E. Davis, B. H. Wojcik and J. A. V. Turck:

Dihydro-1,4-pyrans. IV. The synthesis of gamma-benzoyl-gamma-butyrolactone and alpha-hydroxy-delta-benzoylvaleric acid. *Ibid.*, 56:235-37. (1400)

With J. T. Eaton and D. B. Black:

The reversible addition of aromatic compounds to benzalacetophenones. *Ibid.*, 56:687-88. (1100)

With Arzy R. Gray:

The highly activated carbonyl group. Mesitylyglyoxal. *Ibid.*, 56:739-41. (1500)

Reviews:

Carbocyclic compounds. In *Annual Survey of American Chemistry*, Chemical Catalogue Co., N. Y., 1932. 7:99-115. (8000)

GAINES, WALTER LEE, Ph.D.

Professor of Milk Production

Articles:

With O. R. Overman:

Milk-energy formulas for various breeds of cattle. J. Agr. Res., 46:12:1109-20. (4000)

GANT, VIRGIL ARNETT, M.S.

Assistant in Pharmacology, Materia Medica, and Therapeutics

Articles:

Studies of the effect of ultraviolet rays on nicotine. J. Pharm. Exp. Ther., 49:4:408-27. (5500)

GARNER, JAMES WILFORD, Ph.D., LL.D.,
Litt.D.
Professor of Political Science and Head of
the Department

Articles:

Revision of treaties and the doctrine of
Rebus Sic Stantibus. Iowa Law Rev.,
19:312-29. (8400)

The international binding force of unilateral
oral declarations. Amer. J. Internat.
Law, 27:493-97. (2000)

Reviews and Notes:

Académie de Droit International, Recueil
des Cours. *Ibid.*, 28: 183-86. (3000)

Annual digest of international law cases,
1919-1922, by Lauterpacht and Williams.
Ill. Law Rev., 28:143-44. (500)

Jesse Macy: an autobiography, by Katherine
M. Noyes. Amer. Pol. Sci. Rev.,
27:661-62. (500)

John Hay: from poetry to politics, by
Tyler Demmett. *Ibid.*, 38:140-42. (800)

Judicial aspects of foreign relations, by L.
L. Jaffe. *Ibid.*, 28:332-33. (400)

Six notes on certain recent decisions of
the United States Supreme Court and
awards of arbitration tribunals. Brit.
Yr. Bk. Internat. Law, 14:150-52, 180-82.
(1500)

GARRETT, ORLANDO FORD, M.S.
Instructor in Dairy Chemistry
See H. H. Mitchell.

GASUL, BENJAMIN MORRIS, B.S., M.D.
Associate in Pediatrics

Articles:

With Harry Singer:

A case of pneumothorax in the newborn.
Amer. J. Dis. Child., May, 1933.

GELLHORN, ERNST, M.D., Ph.D.
Professor of Physiology

Articles:

Experiments on the Hofmeister series in
heart muscle. Protoplasma, 18:3:411-19.
(2700)

The effect of hormones on cellular permea-
bility. Ann. Int. Med., 7:1:33-44. (4000)

Effect of parathormone on the neuromus-
cular system. Proc. Soc. Exp. Biol.
Med., 31:7:876-77. (600)

The sensitivity of the striated muscle to
changes in pH. Amer. J. Physiol., 105:
2:353-57. (1400)

With Jane Day Northrup:

The influence of spinal irradiation on cut-
aneous sensations, II. The effect of pain
irradiation on temperature sensations.
Ibid., 104:3:537-44. (3000)

With David Northrup:

Further quantitative studies in absorption.
The influence of acetylcholin on the
absorption of glucose. *Ibid.*, 105:3:684-
85. (340)

The influence of nervous stimulation on
absorption from the intestine. A contribu-
tion to the humoral theory of nervous
action. *Ibid.*, 106:2:283-90. (3000)

With Arthur Skupa:

The K-Ca antagonism in regard to absorp-
tion from the intestine. *Ibid.*, 106:2:318-
22. (1700)

Reviews:

Austausch der Zellstoffe nebst Anhang:
Parthenogenese. Handbuch der Biochemie
des Menschen und der Tiere, 1:2:
797-813. (7000)

GIBBS, CARLIN FRARY, M.S.

Assistant in Chemistry

See C. S. Marvel.

GOBLE, GEORGE WASHINGTON, A.B.,
LL.B. Professor of Law

Articles:

Restatement of the law of contracts. Calif.
Law Rev., 21:421-30. (4500)

Law as a science. Sci. Mo., 37:229-45.
(8000)

Law as a science. Ind. Law J., 9:294-314.
(9000)

Reviews:

Cases on insurance, by Patterson. Yale
Law J., 43:688-90. (1400)

GOLDBERG, BENJAMIN, M.D.
Associate Professor of Medicine

Articles:

Vitamin "D" and calcium metabolism in
tuberculosis. Arch. Phys. Ther., X-ray,
and Radium, 14:11:655-60. (3000)

Enterocolitis tuberculosa. Medicina Revis-
ta Mexicana. 13:205:445-56. (4500)

Vitamin "D" and calcium metabolism.
Ibid., 14:157-65. (3000)

Indications for lung collapse in tuberculo-
sis based on a pathological clinical classi-
fication. Ill. Med. J., Oct., 1933. (3000)

GOLDMAN, MARCUS SELDEN, Ph.D.
Associate in English

Articles:

The co-ed and culture. Eleusis of Chi
Omega, 35:3:344-50. (2000). Reprinted
in the Daily Illini, 48:115:4 and 116:4.
Reprinted in part in The Dial of Theta
Upsilon, 8:1:47.

Natalie Rice Clark. Delta Upsilon Qt.,
52:1:57-59. (1600)

The resident chapter adviser. *Ibid.*, 52:1:
3-7. (3700). Reprinted in the Daily
Illini, 63:171:2, 172:2, 184:2, 190:2,
191:2, and 193:2.

Reviews:

Francis Lenton, Queen's poet, by Leota
Snider Willis. J. Engl. Germ. Phil.,
32:4:633-34. (600)

Sir Philip Sidney en France, by Albert
W. Osborn. *Ibid.*, 33:2:295-300. (2200)

GOTSHALK, DILMAN WALTER, Ph.D.
Assistant Professor of Philosophy

Articles:

The a priori. J. Phil., 30:10:252-62. (5500)

Reviews:

The idealistic argument in recent British
and American philosophy, by G. W.
Cunningham. J. Phil., 30:21:580-85.
(1800)

GRAHAM, ROBERT, B.S., D.V.M.
Professor of Animal Pathology and Hygiene

Articles:

The whole blood stained antigen agglutination test for pullorum disease. *J.A.V. M.A.*, 82:35:1:84-94.

With F. Thorp and J. P. Torrey:

A study in pullorum disease diagnosis test. *Poultry Sci.*, 12:2.

With F. Thorp:

Cooperation in horse parasite control. *The Horse*, Dec., 1933.

A large osteosarcoma of the mandible. *J.A.V.M.A.*, Jan., 1933.

The rapid spread of Bang's disease in an accredited herd. *J.A.V.M.A.*, May, 1933.

GRAHAM, WALTER JAMES, Ph.D.

Professor of English and Head of the Department

Books:

The reader's Browning, ed. with introduction, bibliography, and notes. American Book Co., N. Y., 1934. xxxii + 486 pp.

Articles:

Defoe's review: the question of influence. *J. Engl. Germ. Phil.*, 33:2:250-54. (1500)

GRAY, ARZY ROBERT, Ph.D.

Assistant in Chemistry

See R. C. Fuson.

GREEN, FREDERICK, A.M., LL.B.

Professor of Law

Books:

With other members of a committee:

Restatement of the law of agency. American Law Institute, Pub., St. Paul, Minn., 1933. 2 vols. xxxiv + xxvii + 1390 pp.

Compilation:

Essays and notes on the law of tort and crime, by Nicholas St. John Green. George Banta Pub. Co., Menasha, Wis., 1933. vi + 220 pp.

GRING, JOHN LUKINS, M.S.

Assistant in Chemistry

See G. F. Smith.

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Assistant Professor of Romance Languages

Books:

With others of a committee:

Chapter on French in *High School Curriculum Reorganization*. North Central Association, Ann Arbor, Mich., 1933. pp. 175-94.

Articles:

The awkward age in high school language study. *Mod. Lang. J.*, 19:6:361-65. (2000)

The Illinois modern language association—a report. *Ibid.*, 18:4:285-86. (1000)

Reviews:

Nuevos Ejercicios, by Wilkins and Alpern. *Ibid.*, 18:3:210-11. (500)

Essentials of Spanish, by Torres. *Ibid.*, 21:1-12. (800)

HACKETT, ROBERT PHILLIP, Ph.D.

Associate in Accountancy

Articles:

Recent developments in governmental and institutional accounting. *Acct. Rev.*, 8: 2:122-27. (3100)

A second course in accountancy. *Ibid.*, 8: 2:160. (500)

Reviews:

Accounting manual for small cities, by C. H. Chatters. *Acct. Rev.*, 8:4:357-58. (1300)

HACKLEMAN, JAY COURTLAND, A.M.

Professor of Crops

Articles:

With C. M. Linsley:

How use contracted acres—some questions and answers. *Ill. Agr. Exp. Sta. Circ.* 420. (7000)

HAGUE, STELLA MARY, Ph.D.

Instructor in Botany

Articles:

With Stella A. Holmes:

A report of mosses collected from Coles and Crawford counties. *Trans. Ill. Acad. Sci.*, 25:4.

HALL, BURRILL RUPERT

Associate in Mechanical Engineering

Books:

Pattern design. Univ. of Ill. Supply Store, Champaign, Ill. 1933. 144 pp.

HALL, STANLEY WILLIAM, B.S.

Associate Professor of Floriculture

Articles:

Seedling chrysanthemums at the University of Illinois. *Bul. Chrysanth. Soc. Amer.*, 1:3:10. (1000)

More efficiency in shop and greenhouse aim of Illinois course. *Flor. Rev.*, 73: 1889:11. (10,000)

Report on lectures given at retailers' section of Illinois florists' week. *Ibid.*, 73: 1893:18. (1700)

HALPER, PHILIP ALLEN, B.S., M.D.

Associate in Laryngology, Rhinology, and Otology

Articles:

Diseases of external ear. In *Cyclopedia of Medicine*. F. A. Davis Co., Phila., 4:821-30.

Expistaxis. *Ibid.*, 5:406-12.

Nose and sinus disease. Section of *Review of Medical Progress*—1933, F. A. Davis Co., Phila.

Ophthalmologic problems in general practice. *Ill. Med. J.*, 63:473-79.

Why wear glasses? *Sight-Saving Rev.*, 3:272-77.

HAMILTON, TOM SHERMAN, M.S.

Associate in Animal Nutrition

See W. E. Carroll and H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.

Professor of History

Reviews:

American population before the federal census of 1790, by E. B. Greene and V. D. Harrington. *Amer. Hist. Rev.*, 38:4:770-71. (400)

HARDGROVE, MAURICE A. F., M.D.

Resident in Pathology

Articles:

Pneumatic hammer disease. A vasospastic disturbance in the hands of stone cutters. *Proc. Staff Meetings of Mayo Clin.*, 8: 23:345-50.

Congenital anomaly of kidney, ureter, and bladder. *Minn. Med.*, 12:2:82-83.

HARNED, JOHN W., B.S., M.D.

Instructor in Laryngology, Rhinology, and Otolaryngology

Articles:

Aspirating catheter for the treatment of pulmonary suppuration. *Arch. Otolaryng.*, 18:6:819-23. (1000)

Artificial production of syncope. *Ibid.*, 17: 827-28. (500)

HARNO, ALBERT JAMES, B.S., LL.B., LL.D.

Professor of Law, Dean of the College of Law, and Provost

Books:

Cases and materials on criminal law and procedure. Callaghan and Co., Chicago, 1933. 952 pp.

Articles:

The registrar in current educational progress. *Bul. Amer. Assoc. Coll. Registrars*, 8:4:171-80. (3500)

Reviews:

Insanity as a defense in criminal law, by Henry Weihofen. *Univ. of Pa. Law Rev.*, 82:4:416-17. (1100)

HASSIN, GEORGE BORIS, M.D.

Professor of Neuropsychiatry

Books:

Histopathology of the peripheral and central nervous systems. William Wood and Co., Baltimore, 1933. 491 pp.

Vascular disorders of the spinal cord. In *Nelson's Loose-Leaf Medicine*, 1933. N.Y., 18 pp.

Articles:

So-called circulation of the cerebro-spinal fluid. *J. Amer. Med. Assoc.*, 101:11: 821-23.

Changes in the brain in legal electrocution. *Arch. Neurol. Psychiat.*, 30:5:1046-61.

Degenerative Erkrankungen mit besonderer Bevorzugung motorischer Leitungsbahnen und Kerne und kombinierte Systemerkrankungen. *Monats. f. Psychiat. u. Neurol.*, 86:5-6:255-324.

Reviews:

Ueber die Silberreaktion der Zellen, by Dr. Yutaka Kon, Fischer, Jena, 1933. *J.A.M.A.*, 101:11.

Étude et traitement de meningite tuberculeuse, by Therese Jousset. *Ibid.*, 102: 3:238.

HAYES, WILLIAM PATRICK, Ph.D.

Associate Professor of Entomology

Articles:

With C. W. Kearns:

The pretarsus (articularis) in Coleoptera. *Ann. Ent. Soc. Amer.*, 27:21-31. (2500)

HEDBLUM, CARL A., M.D., Ph.D., D.Sc.

Professor of Surgery and Head of the Department (Deceased June 6, 1934)

Articles:

The treatment of pulmonary abscess. *Trans. West. Surg. Assoc.*, 1932, pp. 397-410. (3200)

Intrathoracic dermoid cysts and teratomata with a report of six personal cases and 185 cases collected from the literature. *J. Thor. Surg.*, 1933, 3:1:22. (6300)

Tumors of the bony chest-wall: a study of twenty-two personal and seventy-eight collected cases since 1921. *Ann. Surg.*, 98:528-45. (5500)

Thoracic injuries. *Surg. Gyn. Obstet.*, 58: 2A:503-06.

HENDERSON, MELVIN, M.S.

Assistant in Agricultural Education

See L. E. Card.

HERROLD, RUSSELL DORR, B.S., M.D.

Assistant Professor of Surgery

Articles:

With E. E. Ewert:

A simplified test for the determination of approximate acidity of urines. *Urol. Cutan. Rev.*, 37:9:607. (500)

Demonstration and significance of office laboratory procedures of practical value in the treatment of genito-urinary infection. *Chi. Med. Soc. Bul.*, 36:27:382. (600)

The relation of urethral and bladder neck lesions to disturbance of urination in women. *Ill. Med. J.*, 65:5:440-42. (1800)

HERSHEY, ALBERT EBY, M.S.

Research Associate in Mechanical Engineering

Articles:

With R. F. Paton:

Flame temperatures in an internal combustion engine measured by spectral line reversal. *Ill. Eng. Exp. Sta. Bul.* 262. 48 pp. (15,000)

HESS, JULIUS HAYES, M.D.

Professor of Pediatrics and Head of the Department

See H. G. Poncher.

HICK, FORD KIMMELL, B.S., M.D.

Instructor in Medicine

Articles:

A suprarenalin-producing pheochromocytoma of the suprarenal gland. *Arch. Path.*, 15:665-74. (3000)

Tumors of the suprarenal cortex with reports of three cases of carcinoma and a lipoma. *Ibid.*, 15:881. (400)

HIGGINS, JOHN A., D.D.S.

Assistant in Pharmacology, Materia Medica, and Therapeutics

See H. A. McGuigan.

HILL, CHESNEY, Ph.D.

Instructor in Political Science

Articles:

Recent policies of non-recognition. *Internat. Conciliation*, 293:359-402. (17,000)

HILLEBRAND, HAROLD NEWCOMB, Ph.D.
Professor of English

Books:

Edmund Kean. Columbia Univ. Press,
N. Y., 1933. 397 pp.

HILLER, ERNEST THEODORE, Ph.D.
Professor of Sociology and Acting Head of
the Department

Books:

Outline guide for the study of sociology.
Harper and Brothers, N. Y., 1934. 60
pp.

HITCHCOCK, ISABELLE M., M.S.
Associate in Home Furnishings

See Gladys J. Ward

HOELSCHER, RANDOLPH PHILIP, M.S.,
C.E.

Professor of General Engineering Drawing

Books:

With A. B. Mays:

Basic units in mechanical drawing. Book
I. John Wiley and Sons, N. Y., 1933.
289 pp.

HOOD, FRED CARLISLE, A.M.
Assistant High School Visitor

See A. W. Clevenger.

HOPKINS, B. SMITH, Ph.D., D.Sc.
Professor of Inorganic Chemistry

Articles:

Laboratory notebooks, records, and reports
in the college. *J. Chem. Educ.*, 10:404-
08. (4400)

The periodic table—chemistry's gift to
civilization. *J. West. Soc. Engrs.*, 38:
307-18. (9000)

The chemistry teacher and the reduced
budget. *Sch. Sci. Math.*, 34:172-79.
(3300)

With G. R. Sherwood:

Observations on the rare earths. XXXIII.
Studies in Basicity. J.A.C.S., 55:3117-21.
(2500)

With Gordon Hughes:

Observations on the rare earths. XXXIIIa.
Basicity of illinium and yttrium. *Ibid.*,
55:3121-23. (550)

Observations on the rare earths. XXXIX,
part I. Purification of materials. *Ibid.*,
55:3236-37. (800)

With Charles R. Naeser:

Microabsorption spectra. *Ind. Eng. Chem.*,
Anal. Ed., 5:358-59. (600)

See also L. F. Audieth.

HOSTETTER, MARIE MILLER, A.B., B.L.S.
Associate in Library Science

Articles:

A symposium on the preparation of school
librarians. *National Elementary Princip.*
Bul. Nat. Educ. Assoc., 12:5:345.
(500)

HUNTER, MERLIN HAROLD, Ph.D.
Professor of Economics

Books:

Legal provisions affecting real estate tax
delinquency, tax sales, and redemption.
Ill. Bur. Bus. Res. Bul. 48. 41 pp.

Articles:

National expenditures and revenues. *Amer.*
Yr. Bk., 1933. pp. 199-208. (5000)

State finance. *Ibid.*, pp. 219-222. (2500)

Municipal finances. *Ibid.*, pp. 222-228.
(2000)

The business man and his taxes. *C. S.*
Monitor, Jan. 31, 1933, ed. page. (1000)

The revenue article in the Illinois Consti-
tution. *Ill. Voter*, 13:10; 14:1. (3000)

Amending the constitution. *Ill. J. Com.*,
16:3:7,25. (2500)

Reviews:

The theory and practice of modern taxa-
tion, by W. R. Green. *Amer. Econ.*
Rev., 24:1:148. (500)

HUNTINGTON, WHITNEY CLARK, M.S.,
C.E.

Professor of Civil Engineering and Head of
the Department

Articles:

The construction engineer. *Civ. Eng.*, 3:
8:425. (1000)

With Paul Nielsen:

Split-H end connections for wind girders.
Civ. Eng., 3:8:457. (650)

HYNEMAN, CHARLES S., Ph.D.

Assistant Professor of Political Science

Articles:

The case law of the New York public ser-
vice commission. *Columbia Law Rev.*,
34:1:67-105. (20,000)

With C. M. Kneier:

Recent publications of political interest
(compilation). *Amer. Pol. Sci. Rev.*, 27:
3:521-45; 27:4:692-712; 27:5:862-77; 27:
6:1024-43; 28:1:171-93; 28:2:353-76.
(50,000)

JACKSON, CHESTER OSCAR, A.M.

Associate in Physical Education for Men and
in Education

Articles:

A study of current practices in student
teaching and supervision. *Res. Qt. Amer.*
Phys. Educ. Assoc., 3:1:152-58. (3500)

An experimental study of the effect of fear
on muscular coordination. *Ibid.*, 4:4:71-
80. (3000)

The school circus—its place in physical
education. *J. Health and Phys. Educ.*,
5:3:12-17, 6:1-63. (3500)

JEFFERSON, BERNARD LEVI, Ph.D.

Professor of English

Articles:

Encouraging students to write for publica-
tions. *Teachers College J.*, 5:1:50-55.
(3500)

JOANNIDES, MINAS, M.S., M.D.

Associate in Surgery

Articles:

Mechanics of eructation; hitherto unde-
scribed function of diaphragm. *J. Thor.*
Surg., 2:380-83.

The displacement of intrathoracic viscera
resulting from pathological processes in
the lung. *Amer. Rev. Tuber., Mar.*,
1934.

JOANNIDES, M.—Articles (continued)

The behavior of pleural effusion in hydro-pneumothorax. *Ibid.*

With Allan J. Hruby:

A topographical localization of pulmonary lesions. *Ibid.*

Gastric motility as influenced by paralysis of diaphragm. *Radiology*, 21:49-55.

With Philip Shapiro:

Extra-intrapleural supraclavicular apicolysis. *J. Thor. Surg.*, 3:315.

JOHNSON, SVEINBJÖRN, A.M., LL.B., LL.D.

University Counsel and Professor of Law

Articles:

Recent judicial and legislative trends in corporation law. *Amer. Bar. Assoc. J.*, 19:11:631-34. (3200)

JOHNSTON, PAUL EVANS, Ph.D.

Assistant Professor of Farm Management

Articles:

With J. E. Wills:

A study of the cost of horse and tractor power on Illinois farms. *Ill. Agr. Exp. Sta. Bul.* 395:269-332. (15,000)

With J. E. Wills, Leslie Wright, and others:

A series of 38 annual farm business reports for counties or groups of counties in Illinois. *Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo.* 391-428.

JOHNSTONE, H. FRASER, Ph.D.

Special Research Assistant Professor of Chemical Engineering

Articles:

Principles of gas washing applied to sulphur dioxide removal. *Bul. Nat. Dist. Heat. Assoc.*, June, 1933, pp. 16-25. (2600)

Progress in the removal of sulphur compounds from waste gases. *Combustion*, 5:2:19-30. (5000)

JORDAN, HARVEY HERBERT, B.S.

Associate Dean of the College of Engineering, Professor of General Engineering Drawing, and Head of the Department

Articles:

The curricula of the College of Engineering. *Technograph*, 48:4:9-10. (1000)

JUDAH, LEOPOLD NEWBURGER, M.D.

Associate in Hygiene, Medical Adviser

Articles:

Misconceptions concerning preventable disease. *J. Ill. Med. Assoc.*, 65:3:273-77. (3000)

KADOW, KENNETH JOHN, M.S.

Assistant Pathologist in Horticulture

Articles:

Washing recommendations for Illinois. *Trans. Ill. Hort. Soc.*, 67:269-75.

See also H. W. Anderson.

KAMMLADE, WILLIAM GARFIELD, Ph.D.

Assistant Professor of Sheep Husbandry

Articles:

Feeding lambs on Illinois farms. *Ill. Agr. Exp. Sta. Circ.* 413. 28 pp.

Articles (continued)

The sheep enterprise. *Ibid.*, 415. 32 pp.

Silage for bred ewes. *Nat. Wool Grower*, 23:11:11-12.

KAMPMEIER, OTTO FREDERIC, Ph.D., M.D.

Professor of Anatomy and Head of the Department

Books:

A manual of instruction of human morphology, Part VII. Edwards Bros., Ann Arbor, Mich., 1934. (160,500)

Articles:

Compilation of a union card catalogue of literature in Chicago's medical libraries. *Proc. Instit. Med. Chi.*, 9:14. (600)

KEARNS, C. W., M.S.

Assistant in Entomology

See W. P. Hayes.

KEETON, ROBERT WOOD, M.S., M.D.

Professor of Medicine and Head of the Department

Articles:

With Dorothy Dickson:

Excretion of nitrogen by obese patients on diets low in calories, containing varying amounts of protein. *Arch. Int. Med.*, June, 1933, pp. 890-902. (3500)

KELLEY, VICTOR WENDELL, Ph.D.

Assistant Professor of Horticulture Extension

Books:

Principles of tree and small fruit culture. Daniels and Shoaf, Champaign, Ill., 1933. 169 pp.

Articles:

Pruning apple trees in the pre-bearing and early-bearing periods. *Trans. Ill. Hort. Soc.*, 66:548-62. (4000)

KEYES, DONALD BABCOCK, Ph.D.

Professor of Chemical Engineering

Articles:

Chemical engineering. Chapter 25 in *Annual Survey of American Chemistry*, vol. 7, Chem. Cat. Co., N.Y., 1933. (5000)

Cooperative research in chemical engineering at the University of Illinois. Reprint of paper for meeting of Amer. Instit. Chem. Engrs., Chicago. (6000)

Cooperative research in chemical engineering. *Chem. Met. Eng.*, 40:8. (3000)

Developments in chemical engineering education. *J. Chem. Educ.*, 10:12. (4000)

Liquid-vapor composition curves of acetic acid and water at subatmospheric pressures. *Ind. Eng. Chem.*, 25:569. (2000)

With H. W. Nelson and R. D. Snow:

Oxidation of pyritic sulfur in bituminous coal. *Ibid.*, 25:1355. (3000)

With H. R. Duffey and R. D. Snow:

Effect of catalysts on the reaction between olefins and hydrogen sulfide. *Ibid.*, 26:91. (3000)

KISTLER, SAMUEL STEPHENS, Ph.D.
Assistant Professor of Chemical Engineering
Articles:

Colloids. Chapter 5 in *Annual Survey of American Chemistry*, vol. 8, Chem. Cat. Co., N.Y., 1934, pp. 67-82.

With S. Swann, Jr., and E. G. Appel:

Aerogel catalysts. *Ind. Eng. Chem.*, 26: 388-91. (3500)

KLEIN, REUBEN I., M.S., M.D.
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See S. A. Levinson and C. I. Reed.

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See W. M. Wilson.

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Special Research Assistant in Chemistry
See Roger Adams.

KNEER, LEORA PAULINE, M.S.
Assistant in Physiology
See W. E. Burge.

KNEIER, CHARLES MAYARD, Ph.D.
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Articles:

With C. S. Hyneman:

Recent publications of political interest (compilation). *Amer. Pol. Sci. Rev.*, 27:3:521-45; 27:4:692-712; 27:5:862-77. (30,000)

Reviews:

American county government, by A. W. Bromage. *Amer. Pol. Sci. Rev.*, 27:6: 998-99. (400)

KNIPP, CHARLES TOBIAS, Ph.D.
Professor of Experimental Electricity
Articles:

The recovery of activity after heating as revealed in a Wilson expansion chamber. *Phys. Rev.*, 45:10. (300)

The production of liquid oxygen as a lecture table demonstration. *Proc. Ind. Acad. Sci.*, 43. (300)

A new lecture table demonstration to show that cathode rays leave the cathode normally. *Ibid.* (240)

KOEHLER, BENJAMIN, Ph.D.
Associate Professor of Crop Pathology
Articles:

Disinfecting seed grain. *Prairie Farmer*, 106:6:12. (1300)

See also W. L. Burlison.

KONZO, SEICHI, M.S.
Special Research Associate in Mechanical Engineering
See A. P. Kratz.

KORDENAT, RALPH AUGUST, M.S., M.D.
Assistant Professor of Surgery
Articles:

Carcinoma of the jejunum. *Ill. Med. J.*, 65:3:218.

Articles (continued)

Cardio-respiratory collapse incident to spinal anaesthesia. *Mil. Surg.*, 73:3:129.

Periarterial sympathectomy in the treatment of endarteritis obliterans. *Ibid.*, 72:5:392.

Primary carcinoma of the liver in infancy. *Amer. J. Digest. Dis. and Nutrition*, 1:1.

KRAEHNBUHL, JOHN OTTO, M.S., E.E.
Assistant Professor of Electrical Engineering
Articles:

Illumination instead of photometry. *Technograph*, 48:2. (1400)

KRASE, NORMAN WILLIAM, Ph.D.
Associate Professor of Chemical Engineering
Articles:

With J. H. Holloway:

Synthesis of benzaldehyde from benzene and carbon monoxide under pressure. *Ind. Eng. Chem.*, 25:5:497-502. (5000)

With A. W. Saddington:

Vapor liquid equilibria in the system nitro-nogen-water. *J.A.C.S.* 56:2:353-61. (4000)

KRATZ, ALONZO PLUMSTEAD, M.S.
Research Professor of Mechanical Engineering
Articles:

Insulation for the modern home. *Domestic Eng.*, 143:4:72,73,102,103. (1800)

With A. C. Willard:

The residence cooling problem. *Refriger.*, 26:2:73-81, 101. (7000)

With A. C. Willard and M. K. Fahnestock:

The application of the eutheoscope for measuring the performance of direct radiators and convectors in terms of equivalent temperature. *J. Amer. Soc. Heat. Vent. Engrs.*, Section of Heating, Piping, and Air Conditioning, 5:7:369-75. (4000)

With M. K. Fahnestock and E. L. Broderick:

Tests of convectors in a warm wall testing booth. Part II. *Ibid.*, 5:8:431-34. (2200)

With S. Konzo:

Study of summer cooling in the residence for the summer of 1933. *Ibid.*, 5:12:613-25. (9000)

KRUGER, P. GERALD, Ph.D.
Assistant Professor of Physics
Articles:

With W. E. Shoupp:

Multiplets in the spectra of OIII, OIV, OX, and CIII. *Phys. Rev.*, 44:105. (2500)

With F. S. Cooper:

The BeIII lamp 'P,—I²So series. *Ibid.*, 44:418. (600)

Standard copper wave lengths in the region 100A and 450A. *Ibid.*, 44:826. (3500)

KUDO, RICHARD ROKSABRO, D.Sc.
Assistant Professor of Zoology
Articles:

A taxonomic consideration of Myxosporidia. *Trans. Amer. Micr. Soc.*, 52:3: 195-216.

Kudo, R. R.—Reviews:

- Medical entomology, by R. Matheson.
Tokio Med. News, 2826:29.
- The microscope (ultra-violet edition), by
S. H. Gage. *Ibid.*, 2841:41.
- Recent advances in microscopy, ed. by A.
Pliny. *Ibid.*, 2841:41.
- Laboratory technique, by R. B. H. Grad-
wohl. *Ibid.*, 2841:42.
- The history of staining, ed. by H. J. Conn.
Ibid., 2868:29.
- The Invertebrata, by L. A. Borradaile et
al. J. Zool. Soc. Japan, 45:536:302.

KUNZ, JAKOB, Ph.D.

Professor of Mathematical Physics

Articles:

- The ionization of caesium vapor by ultra-
violet light. Phil. Mag., 17:483.
- With J. T. Tykociner:
A photoelectric valve. Physics, 4:246-54.
(5600)

LANSFORD, WALLACE MONROE, M.S.,
C.E.Associate in Theoretical and Applied Me-
chanics

Articles:

- Use of an elbow in a pipe line as a means
of measuring the flow of water. Ill. Soc.
Engrs., 9:2. (1600)

LARSON, LAURENCE MARCELLUS, Ph.D.,
LL.D.Professor of History and Head of the De-
partment

Articles:

- Great Britain. World Bk. Encyc. An.,
1933. (2700)
- Denmark. *Ibid.* (160)
- Greenland. *Ibid.* (120)

LARSON, REINHOLD FRIDTJOF, M.S.

Associate in Mechanical Engineering

Articles:

- With F. G. Straub:
Decomposition of dilute sodium solutions
within steam boilers. Ill. Eng. Exp. Sta.
Bul. 261, Part III.

LATTIMORE, RICHMOND, A.M.

Assistant in Philosophy

Articles:

- Portents and prophecies in connection with
the Emperor Vespasian. Class. J., 29:6:
441-49. (3500)

LEDERER, FRANCIS LOEFFLER, B.S.,
M.D.Professor of Laryngology, Rhinology, and
Otology, and Head of the Department

Books:

- Review of medical progress—1933. Chief
associate editor in charge of otolaryn-
gology. F. A. Davis Co., Phila.

Articles:

- Disorders of the larynx. *Cyclopedia of
Medicine*, F. A. Davis Co., Phila., 8:1-
40.
- Mastoid disease. *Ibid.*, 8:617-51.
- Diseases of the nose and nasopharynx.
Ibid., 9:172-206.

Articles (continued)

- Pathogenesis and end results of dural
sinus thrombosis. Arch. Otolar., 19:410.
- Neurocytoma originating from right stellate
ganglion. *Ibid.*, 19:406.

With N. Fabricant and G. Milles:

- Plasma cell granuloma secondary to gen-
eralized septicemia in nasal carcinoma.
Ibid., 18:316-25. (2000)

With L. Z. Fishman:

- Prophylactic mediastinotomy for perforat-
ing esophageal foreign bodies. *Ibid.*, 19:
426-35. (3200)

LEE, FREDERIC EDWARD, Ph.D.

Professor of Economics

Articles:

- British "Big Five" banks improve. Bar-
ron's, 14:14:18. (4000)
- Britain shuns currency war. Chicago J.
Com., 14:53:6. (2500)

LEHMANN, EMIL WILHELM, B.S., E.E.,
A.E.Professor of Agricultural Engineering and
Head of the Department

Articles:

- The relation of engineering to agriculture.
Technograph, Dec., 1933, pp. 7-9. (2000)
- Water systems that give little trouble in
operation. Elec. on the Farm, April,
1934, pp. 4-6. (1500)
- When a deed won't hold a farm. Capper's
Farmer, Feb., 1934, pp. 20. (1500)
- Calling a halt on gullies. *Ibid.*, p. 20. (200)
- With Harry Paul Bateman:
Trench silos. Mimeo. 5 pp. (2200)
- Temporary fence silos. Mimeo. 5 pp.
(2500)

LENOIR, JAMES JEFFERSON, A.M.

Assistant in Political Science

Articles:

- Treaties and the supreme court. Univ.
Chicago Law Rev., 1:4:602-22. (10,000)

LEVINSON, SAMUEL AZOR, M.S., M.D.

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Professor of Medicine, Director of the
Hospital Laboratory, and Hospital Patholo-
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Books:

With Robert P. MacFate:

- Handbook of clinical laboratory diagnosis.
Edwards Bros., Ann Arbor, Mich., 1934.
298 pp.

Articles:

With R. I. Klein:

- Effect of reticulo-endothelial blockade on
blood chemistry. Proc. Soc. Exp. Biol.
Med., 31:353.
- Removal of bromsulphalein from the blood
stream by the reticulo-endothelial system.
Ibid., 31:179.

LEWISON, MAURICE, M.D.

Professor of Physical Diagnosis

Articles:

- With E. B. Freilich and O. B. Ragins:
Tuberculoma of the brain. Ann. Int.
Med., 7:9:1141-45.

LINDSTROM, DAVID EDGAR, Ph.D.

Associate in Rural Sociology

Articles:

Local group organization among farm people.
Ill. Agr. Exp. Sta. Bul. 392:126-76.
(2500)

LINSLEY, CLYDE MAURICE, M.S.

Assistant Professor of Soils

Articles:

Testing soil for available phosphorous. Ill.
Agr. Exp. Sta. Circ. 421. (700)
See also F. C. Bauer and J. C. Hackleman.

LITMAN, SIMON, Dr.Jur.Pub. et Rer.Cam.

Professor of Economics

Articles:

International trade as a factor in recovery.
Chicago Tribune, March 14, 1934, p. 29.
(750)

Reviews:

Problems in foreign trade, by G. B. Roer-
bach. J. Bus., 6:3:273-74. (500)

LITTLETON, ANANIAS CHARLES, Ph.D.,
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Professor of Accountancy and Assistant Di-
rector of the Bureau of Business Research

Books:

Accounting evolution to 1900. Amer.
Instit. Pub. Co., N.Y., 1933. 368 pp.

Articles:

Capital flexibility. J. Accy., 56:2:102-08.
(3200)
Social origins of modern accountancy.
Ibid., 56:4:261-71. (4500)
Socialized accounts. Acct. Rev., 8:4:267-71,
9:1:69-75. (8000)

Reviews:

Abhandlung über die Buchhandlung, by
Luca Paciolo and Balduin Penndorf.
Ibid., 8:4:359-60. (1500)

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Professor of Olericulture

Articles:

Onion culture. Ill. Agr. Exp. Sta. Circ.
410:1-16. (6000)

LOCKLIN, DAVID PHILIP, Ph.D.

Assistant Professor of Economics

Articles:

Charles A. Prouty. Encyc. Soc. Sci., 12:
576. (250)
Correlation of rail and highway transpor-
tation. Amer. Econ. Rev., 24:1, sup-
plement:64-66. (1100)
Railroad legislation of 1933. J. Land Pub.
Util. Econ., 10:1:13-21. (5400)

LOHMANN, KARL BAPTISTE, M.L.A.

Professor of Landscape Architecture

Books:

Outline for city planning, 1933-34. Info.
Office, Univ. of Ill., Sept., 1933. Mimeo.
30 pp.

Articles:

Helping our youth to think in terms of
regions. City Planning, 9:4:168-71.
(2300)
Water in the landscape. Parks and recrea-
tion, 16:10:443-48. (2200)

Articles (continued)

All state conference. Ill. Munic. Rev.,
13:2:6-7. (1300)

The status of planning in Illinois. Ibid.,
13:2. (1800)

LOOMIS, FRANCIS W., Ph.D.

Professor of Physics and Head of the De-
partment

Articles:

With M. J. Arvin:

Band spectrum of NaK. Phys. Rev., 44:
126.

McARTHUR, SELIM WALKER, Ph.B., M.D.

Assistant Professor of Surgery

Articles:

With O. Christiansen:

Nasopharyngeal carcinoma. Arch. Surg.,
27:1109-19.

McCASKILL, OLIVER LEROY, Ph.B., J.D.

Professor of Law

Books:

Illinois civil practice act annotated with
forms. Ed. by O. L. McCaskill, A. E.
Jenner, Jr., and W. V. Schaefer.
Foundation Press, Inc.

McCLURE, MATTHEW THOMPSON, Ph.D.

Dean of the College of L.A.S., Professor of
Philosophy, and Head of the Department

Articles:

The Greek conception of nature. Phil.
Rev., 43:254:109-24.

McCRISTAL, KING JAMES, A.M.

Assistant in Physical Education for Men

Articles:

Experimental study of rhythm in gymnastic
and tap dancing. Res. Qt. Amer. Phys.
Educ. Assoc., 4:2:63-75. (2500)

McDANIELS, HERBERT ELI, M.S.

Instructor in Pathology

Articles:

Oral administration of pneumococcus anti-
gen as a therapeutic agent in experi-
mentally infected rats. Proc. Soc. Exp.
Biol. Med., 30:1121-23. (500)

A simple stain for nuclear structures in
living amoebae and cysts. Science, 79:
187-88. (300)

MacFATE, ROBERT PRESTON, Ch.E., M.S.

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See S. A. Levinson.

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Articles:

With J. A. Higgins:

The influence of caffeine on the effects
of acetanilid. J. Pharm. Exp. Ther.,
49:466-78. (3500)

Reviews:

Chemistry of opium alkaloids, by L. F.
Small and R. E. Lutz. J.A.M.A., 101:
236. (350)

McGUIGAN, H. A.—Reviews (continued)

Chemische Grundlagen der Lebensvorgänge eine Einführung in biologische Lehrbücher, by C. Oppenheimer. *Ibid.*, 101:393. (500)

Medicinal and poisonous plants of southern Africa, by J. M. Watt and Maria Gerding. *Ibid.*, 101:1025. (200)

Inorganic colloid chemistry, by H. B. Weiser. *Ibid.*, 101:1263. (200)

McKENNA, CHARLES MORGAN, B.S., M.D.
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Articles:

A consideration of the development of polycystic kidney. *Trans. Amer. Urol. Assoc.*, 26:377-83. (3000)

The significance of microscopical and macroscopical blood in the urine. *Chicago Med. Soc., Dec., 1933. Lancet*, 54:10:298-99. (3000)

The value of neo-skiolan in traumatic lesions of the urogenital tract. *J.A.M.A.*, March, 1934. (3000)

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Articles:

Growth of five- and six-year-old transplanted apple trees. *Proc. Amer. Soc. Hort. Sci.*, 29:74-77. (1500)

MARVEL, CARL SHIPP, Ph.D.
Professor of Organic Chemistry

Articles:

With M. R. Lehman and C. D. Thompson:
Quaternary ammonium salts from halogenated alkyl dimethylamines. III. Omega-bromo-heptyl-, octyl-, nonyl-, and decyl-dimethylamines. *J.A.C.S.*, 55:1977-81. (2300)

With Tse-Tsing Chu:

A proof of the unsymmetrical structure of the azoxy group. *Ibid.*, 55:2841-50. (5000)

With M. T. Gocbel:

Rearrangements of the polyenes. V. Reactions of Bis-1, 1'-(1,3-diphenylindenyl). *Ibid.*, 55:3712-15. (1600)

With D. D. Coffman, June Chien-Yu Tsao, and L. E. Schniepp:

Trialkylethynylcarbinols. *Ibid.*, 55:3792-96. (2600)

With D. T. Mitchell:

Cyclization of substituted divinylacetylenes. *Ibid.*, 55:4276-79. (1700)

With June Chien-Yu Tsao:

Rearrangements of polyenes. VI. Tetra-biphenyl-ditertiary-butylethynylethane. *Ibid.*, 55:4709-13. (2200)

With Arnold O. Jackson:

4-(or 5)-hydroxymethyl-2-thiolimidazole. *J. Biol. Chem.*, 103:191-95. (2500)

The influence of a quaternary ammonium group on the hydrogen atoms of an adjacent methylene group. *J.A.C.S.*, 55:5000-02. (1100)

With C. F. Gibbs:

Quaternary ammonium salts from bromopropylalkylamines. IV. Formation of four-membered rings. *Ibid.*, 56:725-27. (1600)

MATHEWS, JOHN MABRY, Ph.D.
Professor of Political Science

Articles:

The United States and world affairs. *Amer. Yr. Bk.* 1933, pp. 56-63. (5000)

State administration. *Ibid.*, pp. 139-40. (1000)

National and interstate relations of states. *Ibid.*, pp. 140-42. (1500)

Reviews:

In defense of the senate: a study in treaty-making, by R. J. Dangerfield. *Amer. Pol. Sci. Rev.*, 27:3:474-75. (400)

MAYS, ARTHUR BEVERLY, A.M.
Professor of Industrial Education

Books:

With R. P. Hoelscher:

Basic units in mechanical drawing, Book I. John Wiley and Sons, N.Y., 1933. 286 pp.

Articles:

Industrial arts education. *Amer. Yr. Bk.* 1933, pp. 976-77. (700)

Industrial education and this age. *Ind. Arts Voc. Educ. Mag.*, 23:5:167-69. (3000)

MEYER, CURTIS ERDMUND, M.S.
Assistant in Chemistry

See W. C. Rose.

MEYER, CLARA ROCKE, M.S.
Associate in Home Economics

Articles:

With H. N. Holmes and others:

The biological activity of some carotene preparations. *J. Nutr.*, 7:321-29.

MEYER, HAROLD IRVING, A.B., B.S., M.S., M.D.

Instructor in Surgery

Articles:

The reaction of the retroperitoneal tissues to infection. *Ann. Surg.*, 99:246-50.

MEYER, JACOB, M.S., M.D.
Associate Professor of Medicine

Articles:

With E. E. Seedman and H. Necheles:

The treatment of peptic ulcer with powdered okra. *Ill. Med. J.*, Oct., 1933, pp. 339-43. (2000)

MILES, RUSSELL HANCOCK, M.Mus.
Associate Professor of Music

Articles:

The organ works of Bach. *Diapason*, 24:10,12. (2000)

Reviews:

Out of my life and thought, by A. Schweitzer. *Diapason*, 24:8. (350)

Musical compositions:

O Little Town of Bethlehem. Solo for low voice. William Pond and Co., N.Y.

MILLER, GEORGE ABRAM, Ph.D.
Professor of Mathematics, Emeritus

Articles:

Sylow subgroups and the number of operators whose orders are powers of the

Articles (continued)

- same prime. *Proc. Nat. Acad. Sci.*, 19: 555. (2000)
- Number of operators of prime power order contained in a group. *Ibid.*, 19:780. (1800)
- Groups whose operators have no more than three distinct squares. *Ibid.*, 19:848. (2000)
- Groups involving a small number of squares. *Ibid.*, 19:1054. (1900)
- Minimum number of squares in a group when not all of them are relatively commutative. *Ibid.*, 20:127. (1900)
- Groups whose squares constitute a cyclic subgroup. *Ibid.*, 20:203. (2100)
- Groups involving three and only three squares. *Ibid.*, 20:243. (2100)
- Groups in which every operator has at most a prime number of conjugates. *Trans. Amer. Math. Soc.*, 35:897. (2600)
- Groups involving only operators whose orders divide 4 and whose operators of order 4 have a common square. *Amer. J. Math.*, 55:417. (1600)
- Groups involving four operators which are squares. *Ibid.*, 56:47. (2700)
- Our common numerals. *Sci.*, 78:236. (400)
- Wide-spread errors relating to Laplace. *Ibid.*, 78:531. (600)
- Definitions of the mathematical term group. *Ibid.*, 79:291. (1000)
- A new aid for mathematics teachers. *Sch. and Soc.*, 38:120. (600)
- A mathematical solution developed during more than three milleniums. *Ibid.*, 39: 211. (900)
- Historical notes in Felix Klein's Elementary Mathematics. *Math. Student*, 1:49. (800)
- Notas historicas de Felix Klein sobre Mathematica Elemental. *Revista Matematica Hispano-Americana*, 8:184. (1500)
- Characteristic features of mathematics and of its history. *Sci. Mo.*, 37:398. (3000)
- Groups generated by two operators of orders 2 and 4 respectively whose commutator is of order 2. *Tôhoku Math. J.*, 38:1. (2000)
- A crusade against the use of negative numbers. *Sch. Sci. Math.*, 33:959. (2500)
- Groups whose Sylow subgroups of order p^m contain no more than p^{m+1} operators whose orders are powers of p . *Q. J. Math.*, 5:23. (3000)

MILLES, GEORGE, Ph.G., M.S., M.D.

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Articles:

With Henry G. Poncher:

- Cysts and diverticular of intestinal origin. *Amer. J. Dis. Children*, 45:1064-78. (4000)

See also F. L. Lederer.

MILUM, VERN G., Ph.D.

Assistant Professor of Entomology

Articles:

- Honey-cream in demand. *Amer. Bee J.*, 74:224. (300)
- Proposed changes in the national organization. *Ibid.*, 74:60-61. (500)

Articles (continued)

- Glimpses of beekeeping in Illinois. *Ill. Beekeepers' Assoc. An. Rpt.*, 32:37-50. (6500)

With R. J. Ramsey:

- The discoloration of honey. *Amer. Bee J.*, 73:305-06. (1100)

MITCHELL, DAVID RAY, M.S., E.M.

Assistant Professor of Mining Engineering

Articles:

- The possible production of low ash and sulphur coal in Illinois as shown by float-and-sink tests. *Ill. Eng. Exp. Sta. Bul.* 253. 44 pp.

With C. M. Smith:

- Economic importance to the Illinois coal industry of the mechanical preparation of coal. *Trans. Ill. Acad. Sci.*, 26:3:200.

MITCHELL, HAROLD HANSON, Ph.D.

Professor of Animal Nutrition

Articles:

- Relations between the metabolism of protein and of energy. *Proc. Amer. Soc. Animal Prod.*, 1933, pp. 229-32. (1200)
- The feeding of mineral supplements to livestock. *Ill. Agr. Exp. Sta. Circ.* 411. 8 pp.
- The possibility of the conversion of fatty acids to glucose in the animal body. *J. Nutr.*, 6:5:473-91. (9200)
- Egg quality and its control through the feed. *Amer. Poul. J.*, 65:4:7,15,16,17. (2000)
- An application of the paired feeding method to the quantitative estimation of the relative vitamin B contents of foods and artificial concentrates. *Amer. J. Physiol.*, 104:594-607. (4600)

With O. F. Garrett:

- An application of the paired feeding method to the quantitative estimation of the relative vitamin A contents of foods and artificial concentrates. *Ibid.*, 104: 608-14. (2500)

With J. R. Beadles, J. H. Quisenberry, and F. I. Nakamura:

- Effect of the ripening process of cheese on the nutritive value of the protein of milk curd. *J. Agr. Res.*, 47:12:947-65. (8000)

With T. S. Hamilton:

- Effect of long-continued muscular exercise upon the chemical composition of the muscles and other tissues of beef cattle. *Ibid.*, 46:10:917-41. (14,000)

- True and apparent digestibility of oat hulls and alfalfa meal by swine with special reference to the ability of swine to digest cellulose and crude fiber. *Ibid.*, 47:6:425-35. (7000)

With M. A. R. Kelley:

- Estimated data on the energy, gaseous, and water metabolism of poultry for use in planning the ventilation of poultry houses. *Ibid.*, 47:10:735-48. (8600)

MONROE, WALTER SCOTT, Ph.D.

Professor of Education and Director of the Bureau of Educational Research

Articles:

- Controlled experimentation as a means of evaluating methods of teaching. *Rev. Educ. Res.*, 4:36-42. (3300)

MONROE, W. S.—Articles (continued)

The factors that affect teaching success. Trans. Ill. State Acad. Sci., 25:183-84. (600)

The characteristics of a good teacher. Ill. Teacher, 22:233-34, 252-53. (3200)

Dependability and value of survey types of investigations. Sch. and Soc., 38:517-22. (3200)

See also A. W. Clevenger.

Reviews:

Administration of the testing program, by C. Woody and P. V. Sangran. Elem. Sch. J., 34:71-72. (600)

An orientation course in education, by J. Butterweck and J. C. Seegers. *Ibid.*, 34:548-49. (600)

Leadership among high school pupils, by M. Brown. J. Educ. Res., 27:627-28. (650)

MOORE, HERBERT FISHER, M.E., M.M.E., D.Sc., Research Professor of Engineering Materials

Articles:

Heat-treated wire under steady load. Metals Progress, 24:3:45-46. (1000)

The importance of fatigue of metals to the structural engineer. Bul. Assoc. State Eng. Soc., 9:2:17-20. (1800)

With H. B. Wishart:

An 'overnight' test for determining endurance limit. Proc. A.S.T.M., 33:2:334-341. (3000)

With J. W. Bolton and J. J. Kanter:

Comparative short-time high-temperature tension tests of carbon steel. *Ibid.*, 33:1:213-23. (3000)

MORA, JACOB MORTON, B.S., M.D.

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Articles:

External duodenal fistula. Ann. Surg., 98:239-41. (700)

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Articles:

Fundamentals of municipal accounting. Amer. Acct., 18:7:208-10. Also in Municipal Finance, August, 1933. (3100)

Balancing public budgets. Chicago J. Com., Dec. 28, 1933. (1000)

Municipal and governmental accounting. J. Accy., 56:5:350-64. (5800)

University and college accounts and reports. Pathfinder Service Bul. 60. Dec., 1933. (3800)

University and college accounting and reporting. Amer. Sch. and Univ., pp. 116-21. (2200)

Uniform accounting for local governments. Proc. Nat. Assoc. State Auditors, Comptrollers, and Treasurers, 1933, pp. 42-51. (3500)

MORRICAL, KERON CALDWELL, M.S.

Assistant in Physics

See F. R. Watson.

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Articles:

With J. B. Andrews and H. C. M. Case:

Farm Bureau-Farm Management service reports. Ill. Agr. Exp. Sta. Dept. Agr. Econ., Mimeo. 383 and 384. (15,000)

Three-years summary report of the Farm Bureau-Farm Management service. *Ibid.*, 388. (12,000)

MURPHY, LAWRENCE WILLIAM, A.M., Litt.D.

Professor of Journalism and Director of the School of Journalism

Books edited:

The hall of fame, a reference book. School of Journalism, Univ. of Ill., Urbana, 1933. 48 pp.

Copyreading, by F. S. Siebert. Thomas Nelson and Sons, N.Y., 1933. 250 pp.

With F. L. Mott and others:

Best news stories of 1933. Clio Press, Iowa City, 1934. 400 pp.

Articles:

Depression graduates and employment. Nat. Print. Journ., 51:7:8;9. (4500)

Illinois press awards. *Ibid.*, 51:4:66. (1000)

Representation of the press abroad. *Ibid.*, 51:10:32. (1000)

Classifying schools of journalism. *Ibid.*, 51:7:23. (1200)

Professional codes and collective bargaining. Guild Reporter, 1:6. (1500)

NAESER, CHARLES RUDOLPH, M.S.

Assistant in Chemistry

See B. S. Hopkins.

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Assistant in Animal Nutrition

See H. H. Mitchell.

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Assistant in Physiology

Articles:

A rapid method for the preparation of Delafield's haematoxylin. Science, 79:209-10. (100)

With D. F. Moorehead:

A simple method for increasing the amplification of the Marey tambour. *Ibid.* (70)

With A. F. Serritella:

Water absorption and elimination of frogs during ether, nitrous oxide, chloroform, and ethylene anesthesia. Amer. J. Physiol., 108:550-54. (1500)

See also W. E. Burge.

NELSON, HAROLD WALLACE, B.S.

Assistant in Physiology

See D. B. Keyes.

NELSON, SEVERINA ELAINE, A.M.

Instructor in English

Books:

With C. H. Woolbert:

The art of interpretative speech, rev. ed. F. S. Crofts, N.Y., 1934. 541 pp.

NELSON, TELL, B.S., M.D.

Associate in Medicine

Articles:

Is hay fever a public health problem? *Ill. Med. J.*, 65:1:44-49. (3000)

Constitution and allergic manifestations. *I. Age-sex incidence of allergic conditions.*

J. Allergy, 5:2:124-30. (1000)

See also W. H. Welker.

NEVENS, WILLIAM BARBOUR, Ph.D.

Associate Professor of Dairy Cattle Feeding

Articles:

Types and varieties of corn for silage. *Ill. Agr. Exp. Sta. Bul.* 391:65-124.

Corn as a silage crop. *Ill. Agr. Exp. Sta. Circ.* 409:1-12.

Home remedies for the dairy farmer. *Hoard's Dairyman*, 79:1,4,23. (2300)

Expanding the dairy market. *Ibid.*, 79:3,4,2,56. (1700)

Safeguarding and improving the system of testing cows for production. *Brown Swiss Bul.*, 12:9:6-7, 26. (1200)

Promoting scholarship in a fraternity. *Omegan*, 10:3:111-13. (900)

NEWCOMB, REXFORD, A.M., M.Arch., A.I.A.

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Articles:

The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

NIELSEN, PAUL ELLSWORTH, M.S.

Associate in General Engineering Drawing

See W. C. Huntington.

Articles:

The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

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The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

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See W. C. Huntington.

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The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

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See W. C. Huntington.

Articles:

The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

NIELSEN, PAUL ELLSWORTH, M.S.

Associate in General Engineering Drawing

See W. C. Huntington.

Articles:

The architecture of old Kentucky. *Ky. Hist. Soc. Register*, 31:96:185-200. (8500)

Architecture in Kentucky. *Ky. Prog. Mag.*, 6:1:4-13, 42-44. (7600)

The small houses of old Kentucky offer models for the builder of today. *Ibid.*, 6:3:112-17. (2500)

Preparing for a new tomorrow. *Polity*, 2:5:75-76. (900)

Architecture. *World Bk. Encyc. Ann.* for 1933, pp. 17-19. (1200)

Articles (continued)

Electronic structure of inorganic complexes. *Ibid.*, 55:4889-93. (2400)

With D. B. Forman:

Aldehyde-amide condensation. *Ibid.*, 55:3493-94. (500)

With V. S. Culp and R. D. Reed:

Report of the committee on chemical libraries. *J. Chem. Educ.*, 11:114-23. (15,000)

Reviews:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

Articles:

Le camphre et ses dérivés, par R. Cornu-

bert. *J.A.C.S.*, 56:498. (700)

PARMELEE, CULLEN WARNER, M.S.
Professor of Ceramic Engineering and Head
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Articles:

With A. E. Badger:

Notes on the coloration of glazes by light.
J. Amer. Cer. Soc., 17:1-2. (800)

With J. H. Chesters:

The measurement of reaction rates at high
temperatures. *Ibid.*, 17:50-59. (6000)

The burning of magnesite bricks, Part I.
Trans. Cer. Soc. (English), Aug., 1933.
(6700)

With W. R. Morgan:

Effect of fineness of flint on vitrification
of a ceramic body. *Cer. Ind.*, March,
1934, p. 146. (3000)

PARRY, JOHN JAY, Ph.D.

Associate Professor of English

Articles:

Abel Morgan. *Dict. Amer. Biog.*, 13:1634-
35. (600)

*With Barbara Matulka and Margaret
Schlauch:*

Bibliography of Arthurian literature for
1933. *Arthurian Section, Mod. Lang.
Assoc. Amer.*, Mimeo., 1934. (6000)

Reviews:

Mabinogi cymru, by T. Lewis. *J. Engl.
Germ. Phil.*, 32:403-06. (1500)

PATON, ROBERT FREDERICK, Ph.D.

Associate Professor of Physics

See A. E. Hershey.

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Books:

Units in English, Book I. Lyons and Car-
nahan, Chicago, 1933. vi + 506 pp.

Units in English, Book II. Lyons and
Carnahan, Chicago, 1933, vi + 479 pp.

PEASE, THEODORE CALVIN, Ph.D.

Professor of History

Reviews:

Chicagou: from Indian wigwam to mod-
ern city, 1673-1835, by M. M. Quaife.
Amer. Hist. Rev., 39:3:588-89. (165)

As others see Chicagou: impressions of
visitors, 1673-1933, by Bessie L. Pierce.
Ibid. (80)

PERLSTEIN, MINNIE OBELER, B.S., M.D.

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Articles:

Lymphogranuloma inguinale. *Prof. Wo-
men's J.*, Feb., 1934.

See also M. S. Wien.

PERRY, BEN EDWIN, Ph.D.

Associate Professor of Classics

Articles:

A manuscript fragment of the Prochiron.
Byzant. Zeits., 33:362. (350)

The Greek source of Rinuccio's Aesop.
Class. Philol., 29:53-62. (4000)

PETERS, HOWARD CHESTER, B.S.

Assistant in Physiology

Articles:

With Lawrence Terry:

The bradycardia caused by sympathomime-
tic drugs. *J. Pharm. Exp. Ther.*, 44:4:
428-31. (600)

PETERSEN, WILLIAM F., B.S., M.D.

Professor of Pathology

Articles:

Meteorological reflections in blood pressure
rhythm. *Proc. Soc. Exp. Biol. Med.*,
30:1145. (200)

Meteorological and menstrual reflections in
nail growth. *Ibid.*, 30:1164. (200)

Meteorological influences on blood pH and
cholesterol. *Ibid.*, 30:1420. (400)

The significance of the American distribu-
tion of tabes and paresis. *Amer. J.
Syph. Neurol.*, 18:75. (3200)

With B. Appelman:

An intracutaneous methylene blue reaction.
Proc. Soc. Exp. Biol. Med., 30:712.
(300)

With Max Berg:

Meteorological influences on leukocyte
curve. *Ibid.*, 30:830. (450)

Meteorological influences on leukocytic par-
tition. *Ibid.*, 30:832. (250)

PHIPPS, THOMAS ERWIN, Ph.D.

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Articles:

With W. Klabunde:

The Stern-Gerlach experiment with iron.
Phys. Rev., 45:1:59-61. (1200)

With M. J. Copley:

The surface ionization of potassium on
tungsten. *Ibid.*, 45:5:344-45. (700)

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Associate Professor of Crop Production

See W. L. Burlison.

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Articles:

With D. J. Davis:

Mucoid encapsulated hemolytic streptococci
in sporadic and milk-borne scarlet fever.
J. Infect. Dis., 50:5:29-37.

With Silka Stocker:

Specificity of toxin of a non-hemolytic
variant of a scarlet fever streptococcus.
Proc. Soc. Exp. Biol. Med., 31:181-83.

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Associate in Geography

Books:

The prairie province of Illinois, a study
of human adjustment to the natural en-
vironment. *Ill. Studies Soc. Sci.*, 19:3.
Univ. of Ill., Urbana, 1934. 124 pp.

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Articles:

With J. H. Hess:

Direct and indirect radiation in the care
and treatment of children. Chapter in
*Principles and Practice of Physical
Therapy*, Vol. I, W. E. Prior. 1933.

Articles (continued)

With George Milles:

Cysts and diverticula of intestinal origin. Amer. J. Dis. Children, 45:1064-78. (4000)

With T. P. Saltiel:

Lymphangiectasis with chylorrhea. J. Ped., March, 1934, pp. 387-92. (1600)

See also M. B. Visscher.

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Articles:

The supreme court of Indiana and federal taxation of state instrumentalities. Ind. Law J., 8:476-83. (2500)

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Assistant Professor of Surgery

Articles:

Studies on the origin of the automaticity of the intestine: the action of certain drugs on isolated intestinal transplants. Amer. J. Physiol., 106:682-88.

With W. Walters and J. M. McCaughan:

Surgery of the pancreas. Cyc. of Med., F. A. Davis Co., Phila., 1934, pp. 501-23.

QUISENBERRY, JOHN HENRY, M.S.

Assistant in Animal Genetics

See H. H. Mitchell.

RAGINS, OSCAR BENJAMINE, B.S., M.D.

Instructor in Medicine

See E. B. Freilich and M. Lewison

RAMSEY, RUSSELL JENNINGS, M.S.

Assistant in Dairy Manufactures

See V. G. Milum, H. A. Ruehe, and S. L. Tuckey.

RANDALL, JAMES GARFIELD, Ph.D.

Professor of History

Articles:

Stephen Trigg Logan. Dict. Amer. Biog., 11:365-66. (800)

Ward Hill Lamon. *Ibid.*, 10:562-63. (750)

Abraham Lincoln. *Ibid.*, 11:242-59. (15,000)

Mary Todd Lincoln. *Ibid.*, 11:265-66. (900)

Reviews:

John Marshall in diplomacy and law, by the Lord Craigmyle, formerly Lord Shaw of Dumfermline. Amer. Hist. Rev., 39:1:177. (300)

RAPPAPORT, BENJAMIN ZION, M.S., M.D.

Associate in Medicine

Articles:

The preservation of pollen extracts by drying and the preparation of concentrated pollen solutions. J. Allergy, 5:1:13-18. (1500)

See also W. H. Welker and C. I. Reed.

RATTNER, HERBERT, M.D.

Associate in Dermatology

Articles:

Drug eruption. Arch. Derm. Syph., 28:820-22. (600)

Articles (continued)

With L. F. Weber:

Clinical variants of familial diseases of the skin. *Ibid.*, 28:190-92. (700)

REED, CARLOS ISAAC

Assistant Professor of Physiology

Articles:

Irradiated ergosterol, clinical and experimental studies. Arch. Phys. Ther. X-ray Rad., 15:69-75. (3600)

With E. A. Thacker, L. M. Dillman, and J. W. Welch:

The effects of irradiated ergosterol on the metabolism of normal dogs. J. Nutr., 4:355-70. (5500)

With L. M. Dillman, E. A. Thacker, and R. I. Klein:

The calcification of tissues by excessive doses of irradiated ergosterol. *Ibid.*, 4:371-81. (4300)

With B. Z. Rappaport:

Vioosterol of high potency in seasonal hay fever and related conditions. J.A.M.A., 101:105-09. (3700)

REED, RUSSELL H., B.S.

Instructor in Agricultural Engineering

Articles:

Problems in heating the wash water in apple-washing machines. Trans. Ill. Hort. Soc., 67:276-92. (6000)

REICH, HERBERT JOSEPH, Ph.D., M.E.

Assistant Professor of Electrical Engineering

Articles:

The relaxation inverter. Elec. Eng., 52:12:817-22. (4500)

A combination sweep circuit and periodic contractor for studying circuit and line transients with the cathode-ray oscillograph. Rev. Sci. Instr., 5:1:7-9. (1600)

An audible method of studying oscillations in single and coupled tuned electrical circuits. Amer. Phys. Teacher, 2:1:27-28. (800)

A 75-watt commutator-type inverter. Electronics, 6:9:252. (650)

With W. M. Hesselberth:

A cold-cathode amplifier tube. *Ibid.*, 6:10:282. (660)

RICHART, FRANK ERWIN, M.S., C.E.

Research Professor of Engineering Materials

Articles:

Engineering Research. Eng. News-Rec., 112:6:206-07. (1500)

Reinforced brick masonry. Ill. Technograph, 48:4:4-5. (1500)

With R. L. Brown and T. G. Taylor:

The effect of plastic flow in rigid frames of reinforced concrete. J. Amer. Concr. Inst., 5:3:181-95. (3800)

Reviews:

Reinforced concrete column investigation. Discussion of committee report. A.C.I.J., 5:2:153-56. (1600) 5:3:6-8. (1200)

Deformation of steel reinforcement during and after construction, by S. I. Sergev. Proc. A.S.C.E., 60:1:146-48. (1000)

ROBERTS, CHARLES WALTER, A.M.

Assistant in English

Articles:

Wordsworth, the philanthropist, and political justice. *Studies in Philol.*, 31:1: 84-91. (3000)

ROBERTS, ELMER, Ph.D.

Associate Professor of Animal Genetics

Articles:

Inheritance of broodiness in the domestic fowl. *Proc. 5th World's Poultry Congr.*, Rome, 1933. (1800)

ROBERTSON, WILLIAM SPENCE, Ph.D.

Professor of History

Articles:

Francisco de Miranda. *Encyc. Soc. Sci.*, 10:530-31. (560)

Latin America: political parties. *Ibid.*, 11:632-34. (1800)

Cuba, Mexico, and South America. *Amer. Hist. Rev.*, 38:853-55; 39:217-18, 421-22, 627-28. (2000)

ROBINSON, FLORENCE BELL, M.L.D.

Assistant Professor of Landscape Architecture

Books:

Tabular keys to the woody plants, rev. ed. Univ. of Ill. Info. Office, Mimeo. 130 pp.

Pamphlet: studies in composition—plantings about buildings. L.A.Lib., Mimeo. 18 pp.

RODEBUSH, WORTH HUFF, Ph.D.

Professor of Physical Chemistry

Articles:

Thermodynamics and the kinetics of gas reactions. *J. Chem. Phys.*, 1:440-43. (1600)

With M. H. Wahl:

The reactions of the hydroxyl radical in the electrodeless discharge in water vapor. *Ibid.*, 1:696-702. (2800)

With Dorothea Haas:

The transference numbers of some rare earths. *J.A.C.S.*, 55:3238-42. (2000)

With R. H. Ewart:

Some chemical reactions involving active nitrogen. *Ibid.*, 56:97-99. (800)

RODKEY, FREDERICK STANLEY, Ph.D.

Associate Professor of History

Books:

An historical approach to the world problems of today. Urbana Courier Co., Urbana, Ill., 1934. 24 pp.

Articles:

The attempts of Briggs and Company to guide British policy in the Levant in the interest of Mehemet Ali Pasha, 1821-41. *J. Mod. Hist.*, 5:3:324-51. (10,000)

ROSE, WILLIAM CUMMING, Ph.D.

Professor of Physiological Chemistry

Articles:

Metabolism of creatine and creatinine. *Ann. Rev. Biochem.*, 2:187-206. (7500)

The role of proteins in metabolism. *Ohio J. Sci.*, 33:372-88. (6000)

Articles (continued)

With C. E. Meyer:

Arginine metabolism—II. The relation of the arginine content of the diet to the creatine-creatinine production during growth. *J. Biol. Chem.*, 102:461-71. (4200)

RUCH, FLOYD L., Ph.D.

Associate in Psychology

Articles:

Adult learning. *Psych. Bul.*, 30: 387-414. (13,000)

Goal direction orientation, generalized turning habit, and goal gradient as factors in maze learning in the rat. *J. Comp. Psych.*, 17:225-32.

RUCKER, HERBERT JUDSON, M.S.

Instructor in Agricultural Education

Articles:

A method of filing bulletins. *Papers on Agricultural Education*, No. 64, State Board for Voc. Educ., Springfield, Ill. 17 pp. (3000)

RUEHE, HARRISON AUGUST, Ph.D.

Professor of Dairy Manufactures and Head of Department of Dairy Husbandry

Articles:

Various articles in *Milk Plant Mo.* (17,000)

With P. H. Tracy and R. J. Ramsey:

Eliminating stale metallic flavor from strawberry ice cream. *Ice Cream Trade J.*, Dec., 1933, p. 40. (900)

RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

Articles:

Important factors involved in spray residue removal. *Trans. Ill. Hort. Soc.*, 67:257-68. (5500)

With H. W. Anderson and W. P. Flint:

The season of 1933. *Ibid.*, 67:43-51. (4000)

SALTIEL, THOMAS PAINE, B.S., M.D.

Associate in Pediatrics

See H. G. Poncher.

SARMA, P. JOSEPH, M.S., M.D.

Assistant Professor of Surgery

Articles:

Retropharyngeal abscess. *Ill. Med. J.*, 62:2.

Knowledge of medical science amongst the ancient Hindus. *Amrita Basar Patrika*, Calcutta, India, July, 1933.

Ovarian embryoma. *Amer. J. Obstet. Gyn.*, 25:1:51.

Lymphogranuloma of the epidural space. *Internat. Clinics*, 2.

Surgical exposure of the pancreas. *Amer. J. Surg.*, Sept., 1933.

Varicose veins and ulcers. *Surg. Clin. N. Amer.*, Oct., 1933.

With George de Tarnowsky:

Paramedian incision. *Ill. Med. J.*, Jan., 1934.

SAUNDERS, MRS. ALTA GWINN, A.M.

Associate Professor of Business English

Articles:

Correcting mistakes in attitude. *Proc. 16th An. Conv. Direct Mail Adv. Assoc.*, Nov., 1933, pp. 6-12. (5000)

SCHMIDT, EDWARD CHARLES, M.E.

Professor of Railway Engineering and Head of the Department

Articles:

Report of the committee on front-ends, grates, and ash pans. *Proc. Internat. Ry. Fuel Assoc.*, 24:51-68. (4000)

With H. J. Schrader:

The friction of railway brake shoes, its variation with speed shoe pressure and wheel material. *Ill. Eng. Exp. Sta. Bul.* 257. 96 pp.

With E. G. Young:

Railway research at the University of Illinois. Special pub., *Amer. Soc. Mech. Engrs.*, pp. 65-78. (7500)

SCHRADER, HERMAN JOHN, B.S., M.E.

Assistant Professor of Railway Mechanical Engineering

See E. C. Schmidt.

SCHUBERT, CARL EDWARD, B.S.

Associate in Mechanical Engineering

Books:

With J. F. Wooddell and A. D. Wright:

Foundry practice. McKnight and McKnight, Bloomington, Ill., 1934. 100 pp.

SCOVILL, HIRAM THOMPSON, A.B., C.P.A.

Professor of Accountancy and Head of Department of Business Organization and Operation

Books edited:

Fundamentals of accounting, by H. H. Wade. John Wiley and Sons, N.Y., 1934. vii + 281 pp.

Articles:

The accounting instructor and local government accounting. *Acct. Rev.*, Mar., 1934. (5300)

Reviews:

Professional accounting training in collegiate schools of business, by Mervin Isaacs. *Acct. Rev.*, 8:4:352-55. (2500)

SEARS, OGLE HESSE, Ph.D.

Associate Professor of Soil Biology

See W. L. Burlison.

SEARS, ROBERT RICHARDSON, Ph.D.

Instructor in Psychology

Reviews:

New introductory lectures on psychoanalysis, by S. Freud. *Psych. Bul.*, 31:4:279-84. (2000)

SECORD, ARTHUR WELLESLEY, Ph.D.

Assistant Professor of English

Articles:

Captain Alexander Smith. *London Times Lit. Sup.*, 33d yr., 1681:288. (1200)

Reviews:

The life of Daniel Defoe, by T. Wright. *J. Engl. Germ. Phil.*, 32:3:416-17. (400)

Henry Fielding's theory of the comic prose epic, by Ethel M. Thornbury. *Ibid.*, 32:3:417-18. (1000)

Fielding's theory of the novel, by F. O. Bissell, Jr. *Ibid.*, 33:1:161-62. (200)

Pseudoklassizistisches und Romantisches in Thomsons Seasons, by Erna Anwander. *Ibid.*, 32:3:419. (400)

SENEAR, FRANCIS EUGENE, B.S., M.S.

Professor of Dermatology and Head of the Department

Articles:

Dermatitis due to woods. *J.A.M.A.*, 101:157-32.

SEVERNS, WILLIAM H., M.S.

Professor of Mechanical Engineering

Books:

With H. E. Degler:

Steam, air, and gas power, 3d ed., John Wiley and Sons, N.Y., 1933. 480 pp.

With A. C. Willard:

Notes on heating and ventilation. Edwards Brothers, Ann Arbor, Mich., 1933. 40 pp. mimeo.

SEYBOLT, ROBERT FRANCIS, Ph.D.

Professor of History of Education

Articles:

John Irwin Morrison. *Dict. Amer. Biog.*, 13:229-30.

Francis Joseph Nicholas Neef. *Ibid.*, 13:402.

Charles Northend. *Ibid.*, 13:564-65.

Eliphalet Nott. *Ibid.*, 13:580-81.

SHAPIRO, SHERMAN LAWRENCE, B.S., M.D.

Associate in Laryngology, Rhinology, and Otology

See N. D. Fabricant.

SHAY, MARY LUCILLE, Ph.D.

Instructor in History

Reviews:

Italy in the making, 1815-1846, by G. F. Berkeley. *Italica*, 10:4:119-21.

Modern Italy, a short history, by G. B. McClellan. *Ibid.*, 10:4:119-21.

SHELFORD, VICTOR ERNEST, Ph.D.

Professor of Zoology

Articles:

Need of nature sanctuaries in forests for purposes of scientific research. *Proc. 4th An. Conf. Central States Forestry Congress*, Sept., 1933, pp. 141-44.

Nature sanctuary plan. *Ecology*, 14:140-45.

SHEPARD, FRANCIS P., Ph.D.

Assistant Professor of Geology

Articles:

Canyons beneath the seas. *Sci. Mo.*, 37:31-39. (5000)

Origin of Georges bank. *Bul. Geol. Soc. Amer.*, 145:281-302. (12,800)

Canyons off the New England coast. *Amer. J. Sci.*, 27:24-36. (6000)

SHEPARD, F. P.—Articles (continued)

Geological misconceptions concerning the oceans. *Science*, 78:406-08. (2000)

Investigations of submarine canyons. *Amer. Geoph. Union*, 1933, pp. 170-73. (1900)

Submarine troughs in the Mediterranean. *Royal Geog. J.*, 82:177-78. (1900)

SHOUPP, WILLIAM EARL, A.M.

Assistant in Physics

See P. G. Kruger.

SHRINER, RALPH LLOYD, Ph.D.

Associate Professor of Chemistry

Articles:

With W. H. Horne:

The local anesthetic action of *p*-aminobenzoates of diethylaminoethoxy alcohols. *J. Pharm. Exp. Ther.*, 48:371-74. (1200)

Asymmetric syntheses. III. The action of optically active nitrates on alpha-tetralone. *J.A.C.S.*, 55:4652-56. (1600)

With Vera A. Conard:

Aminoguanidine derivatives. *Ibid.*, 55:2867-70. (1500)

With W. O. Teeters:

A new preparation of ninhydrin. *Ibid.*, 55:3026-28. (1200)

With W. H. Horne and R. F. B. Cox:

Para-aminophenyl urethans as local anesthetics. *Ibid.*, 55:3435-39. (2500)

With W. E. Sohl:

The structure of cuscohygrine. Synthesis of ethyl homohygrinate. *Ibid.*, 55:3828-33. (3000)

With R. S. Schreiber:

The hydrolysis of substituted benzenesulfonanilides. I. *Ibid.*, 56:114-17. (3000)

With Margaret Pezold and R. S. Schreiber:

The hydrolysis of substituted benzenesulfonanilides. II. *Ibid.*, 56:696-97. (1500)

SIEBERT, FREDRICK SEATON, A.B., J.D.

Assistant Professor of Journalism

Books:

The rights and privileges of the press. D. Appleton and Co., N.Y., 1934. xvii + 429 pp.

Copyreading, a collection of laboratory exercises, 3d ed. Thomas Nelson and Sons, N.Y., 1933. 170 pp.

Articles:

News sources must be protected. *Quill*, 21:12:3-4. (3000)

SIKES, PRESSLY SPINKS, Ph.D.

Assistant in Political Science

Articles:

Judicial administration in Mississippi—the inferior courts. *Miss. Law J.*, 6:2:109-32. (10,000)

Judicial administration in Mississippi—the intermediate courts. *Ibid.*, 6:3:233-54. (9500)

SIMER, PARKE HARVEY, Ph.D.

Associate in Anatomy

Articles:

On the morphology of the omentum, with especial reference to its lymphatics. *Amer. J. Anat.*, 54:2:203-25. (4000)

Articles (continued)

Heredity and transmission. *J. Amer. Dent. Assoc.*, 21:5:844-52.

SINGER, HARRY ALBERT, M.S., M.D.

Associate Professor of Medicine

Articles:

The treatment of periappendicular abscess. *Bul. Soc. Med. Hist.*, 36:1:11-13. (1000)

The etiology of Felty's and related syndromes. *J.A.M.A.*, 101:26:2078. (500)

Perforated peptic ulcer with intermittent leakage. *Ibid.*, 102:2:112-17. (5000)

Barium meal examination of the stomach in the presence of unrecognized peptic ulcer. *Amer. J. Roent.*, 31:2:191-99. (4000)

Perforation of peptic ulcer following x-ray examination with a barium meal. *Radiology*, 22:2:181-87. (3000)

With W. S. Boikan:

Physiologic variations in the contour of the diaphragm simulating organic disease. *Amer. J. Roent.*, 29:5:600-06. (2500)

With K. A. Meyer:

Syphilis of the stomach with special reference to errors in diagnosis. *Amer. J. Surg.*, 21:1:1-11. (5000)

With R. T. Vaughan:

Further observations on the value of radiology in the diagnosis of perforated peptic ulcer. *Ibid.*, 21:3:293-396. (2000)

With D. Wagner:

Roentgen visualization of the biliary tree following a barium meal. *Ill. Med. J.*, 64:6:552-55. (2000)

See also B. M. Gasul.

SLOAN, HUBERT JOHN, Ph.D.

Associate in Poultry Husbandry

Articles:

Different soybean oil meals about equal for chicks. *Univ. of Ill. An. Rpt.*, 1932-33. pp. 113-14. (500)

SMITH, CLOYDE MOFFETT, M.S., E.M.

Research Assistant Professor of Mining Engineering

Articles:

Coal division—five sessions on varied topics. *Min. Met.*, 15:327:136-37. (1300)

With D. R. Mitchell:

Economic importance to the Illinois coal industry of the mechanical preparation of coal. *Trans. Ill. Acad. Sci.*, 26-3. (200)

SMITH, GEORGE FREDERICK, Ph.D.

Assistant Professor of Chemistry

Books:

Elementary special and instrumental methods of analysis. Edwards Bros., Ann Arbor, Mich., 1933. 201 pp.

Analytical applications of periodic acid (H₅IO₆) and its salts, revised 2d ed. G. F. Smith Chemical Co., Columbus, Ohio, 1933. 68 pp.

Ortho-phenanthroline, a high potential, reversible, oxidimetric indicator. G. F. Smith Chemical Co., Columbus, Ohio, 1934. 35 pp.

Articles:

The improved dehydration of air for use in the manufacture of high pressure tank oxygen using anhydrous magnesium perchlorate. *Chem. Ind.*, 53:357-61. (4800)

With J. L. Gring:

Separation and determination of alkali metals. V. Perchloric and chloroplatinic acids in the determination of small amounts of potassium in the presence of large amounts of sodium. *J.A.C.S.*, 55:3957-61. (1200)

With V. R. Hardy:

Preparation of anhydrous Na_2CO_3 for use in acidimetry. *J. Chem. Educ.*, 10:507-08. (800)

SMITH, LOUIE HENRIE, Ph.D.

Chief, in charge of publications, Soil Survey
See F. C. Bauer and R. S. Smith.

SMITH, RAYMOND STRATTON, Ph.D.

Professor of Soil Physics

Articles:

Land use and the soil survey in Illinois. *Amer. Soil Surv. Assoc. Bul.* 15. (2000)

General soil conditions in Illinois. *Farm Appraisals Mimeo.* Booklet, Sept., 1933, pp. 13-16. (1900)

With E. A. Norton, E. E. DeTurk, F. C. Bauer, and L. H. Smith:

Jackson county soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 55:1-35. (15,000)

Schuyler county soils. *Ibid.*, 56:1-23. (9000)

STAFFORD, GEORGE T., M.S.

Associate Professor of Physical Education for Men

Articles:

Journal of Health and Physical Education, 5:4:38,62. (1000)

STEIGMANN, FREDERICK, B.S., M.D.

Assistant in Medicine

Articles:

With Maxwell P. Borowsky:

Amidopyrine in the treatment of measles. *J.A.M.A.*, 100:1859-61. (2500)

STEPHAN, ROBERT MARSHALL, D.D.S.

Instructor in Dental Pathology and Therapeutics

See N. D. Fabricant.

STEVENS, FRANK LINCOLN, Ph.D., D.Sc., LL.D.

Professor of Plant Pathology (Deceased, August 18, 1934)

Articles:

Fungi from Bombay. *Ind. J. Agr. Sci.*, 3:5:912-16.

With Mathilda Schneider:

Philippine hemisphaeriaceae. *Univ. Philippines Nat. Appl. Sci. Bul.* 3:1:21-26.

STEWART, CHARLES LESLIE, Ph.D.

Associate Professor of Agricultural Economics

Articles:

Some aspects of land appraisal in the British Isles, Denmark and Germany. *Farm Appraisals (mimeo.)* (2800)

Articles (continued)

Some aspects of land appraisals abroad. *J. Amer. Instit. Real Estate Appraisers*, 2:3:189-93. (2800)

European trade barriers in relation to Illinois agriculture. *Mimeo.* address before general session, Farm and Home Week, College of Agriculture, Univ. of Ill. Jan. 18, 1934. (6100)

Farm real estate valuations in Illinois (with special reference to township averages). *Ill. Agr. Exp. Sta. Bul.* 399. (10,200)

STRAUB, FREDERICK GUY, M.S., Met.E.

Special Research Assistant Professor of Chemical Engineering

Articles:

The causes and prevention of calcium sulphate scale in steam boilers. *Ill. Eng. Exp. Sta. Bul.* 261. (23,000)

STREICHER, MICHAEL HENRY, M.S., M.D.

Assistant Professor of Medicine

Articles:

Rectal obstruction. *Ill. Med. J.*, Aug., 1933. (3000)

Stomach—comparative analysis of gastric cases observed for period 1925-32. *Ibid.*, May, 1933. (2000)

Lymphogranuloma inguinalae (rectal obstruction). *Int. Surg. Dig.*, 16:5:298-301. (800)

STUBBS, FRANK WHITWORTH, M.S., C.E.

Assistant Professor of Civil Engineering

Books:

Estimates and costs of construction. Edwards Bros., Ann Arbor, Mich., 1933. 100 pp. mimeo.

SWANN, SHERLOCK, JR., Ph.D.

Research Assistant Professor of Chemical Engineering

Articles:

The influence of iron salts on the electrolytic reduction of benzophenone. *Trans. Electrochem. Soc.*, 63:239. (240)

The electrolytic reduction of ketones in glacial acetic acid. I. Reduction of aromatic ketones. *Ibid.*, 64:313-20. (2200)

With S. S. Kistler and E. G. Appel:

Aerogel catalysts. *Ind. Eng. Chem.*, 26:388-91. (3500)

TAFT, DONALD REED, Ph.D.

Professor of Sociology

Articles:

Does immigration increase crime? *Soc. Forces*, 12:1:69-77. (5000)

Reviews:

Crime and criminals, by W. A. White. *Amer. J. Sociol.*, 39:2:256-57. (450)

TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.

Professor of Municipal and Sanitary Engineering, *Emeritus*

Articles:

Origin of the society for the promotion of engineering education. *J. Eng. Educ.*, 23:11:39-43. (2100)

TALBOT, A. N.—Articles (continued)

Sixth progress report of the investigation of stresses in railroad track. *Bul. Amer. Ry. Eng. Assoc.*, 35:358:55-308. (181,000)

Tests of rail-joints in track and laboratory; variability in railroad track and its effects. *Proc. Amer. Ry. Eng. Assoc.*, 34:808-821. (10,000)

Historical sketch of the College of Engineering.

II. The ideals and activities of its youth. *Ill. Technograph*, 48:2.

III. Events and accomplishments of its maturer years. *Ibid.*, 48:3.

IV. Its more recent years. *Ibid.*, 48:4. (10,000)

What happens when bolts are tight. *Ry. Age*, 94:25:893-96. (4000)

Better maintenance will reduce stresses in rail. *Ibid.*, 95:4:153-55. (3400)

TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

Books:

Food-borne infections and intoxications. Twin City Printing Co., Champaign, Ill., 1933. viii + 439 pp.

Articles:

Food intoxication and infection. *J. Amer. Diet. Assoc.*, 9:279-85. (2400)

With Florence L. Evans:

Effect of meat curing solutions on anaerobic bacteria. II. Sodium nitrate. *Zent. Bakt.*, 89:48-54. (4900)

See also G. I. Wallace.

TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

Articles:

Carcinoma of the colon. *Surg. Clin. N. Amer.*, 13:5:1221-31.

See also P. J. Sarma.

TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

Articles:

With C. F. Harrold, Helen C. White, and F. E. Faverty:

Victorian bibliography for 1932. *Mod. Philol.*, 30:4:399-434. (14,000)

THEOBALD, WALTER HENRY, B.S., M.D.

Assistant Professor of Laryngology, Rhinology, and Otology

Articles:

New adaptation of x-ray prints and slides giving stereoscopic effect. *Trans. Amer. Laryn. Rhin. Otol. Soc.*, 1934.

THOMAS, LYELL JAY, Ph.D.

Assistant Professor of Zoology

Articles:

With A. R. Cahn and G. I. Wallace:

Klebsiella paralytica, a new pathogenic bacterium from "moose disease." *J. Infect. Dis.*, 53:3:386-414. (17,500)

THORP, FRANK, JR., D.V.M., M.S.

Associate in Animal Pathology

See R. Graham.

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

Articles:

A new food made of honey and sweet cream. *Agr. Leaders' Dig.*, 14:3:25. (500)

Honey cream—a new spread for bread. *Can. Dairy and Ice Cream J.*, 12:5:33-36. (3000)

Honey bar, a popular confection. *Milk Plant Mo.*, 23:4:71-72. (1200)

With C. Y. McCoun:

A study of factors related to the hardening of ice cream. *J. Dairy Sci.*, 17:1:47-60. (6500)

See also H. A. Ruehe and S. L. Tuckey.

TRELEAVE, WILLIAM, D.Sc., LL.D.

Professor of Botany, *Emeritus*

Articles:

A new Piper from British Guiana. *Bul. Torr. Bot. Club*, 60:477.

An unusual Chimaera. *Proc. Amer. Phil. Soc.*, 72:241-44.

TRIMBLE, HAROLD D., A.M.

Assistant High School Visitor

See A. W. Clevenger.

TUCKEY, STEWART LAWRENCE, M.S.

Instructor in Dairy Manufactures

Articles:

With P. H. Tracy and R. J. Ramsey:

Laboratory tests and information for technical control of dairy plants. *Dept. Dairy Husb., Mimeo.*, Jan., 1934. 43 pp. (12,000)

TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

Articles:

Vibrating velocity selector for atomic rays. *Phys. Rev.*, 44:322-23. (200)

On the aims of higher education. *Polish Student Bul. (Chicago)*, Dec., 1933. (1100)

With Jacob Kunz:

A photoelectric valve. *Physics*, 4:246-54. (5600)

With H. A. Brown and E. B. Paine:

Oscillations due to ionizations in dielectrics and methods of their detection and measurement. *Ill. Eng. Exp. Sta. Bul.* 259. (19,500)

Investigation of cable ionization characteristics with discharge detection bridge. *Ibid.*, 260. (11,000)

TYLOR, W. RUSSELL, Ph.D.

Assistant Professor of Sociology

Articles:

Population trends and the growth of cities. *Civ. Eng.*, 3:5:277-80. (2700)

Social factors in development of regional highways. *Roads and Streets*, 76:6:219-23. (4000)

Outline of scope and methods for any research project in connection with the topic, "the effect of radio church services upon the attendance and activities of the rural church." *Res. Rural Instit., Soc. Sci. Res. Council, Bul.* 18, pp. 106-08. (700)

VAN ALYEA, OLIVER EDWARD, B.S., M.D.

Instructor in Laryngology, Rhinology, and Otolaryngology

Articles:

Irrigation in the treatment of disease of the frontal sinus. Anatomic clinical study of the nasofrontal connections. *Arch. Otol.*, 19:224-26. (6000)

VAN ARENDONK, ARTHUR M., A.B.

Assistant in Chemistry

See Roger Adams.

VAN CLEAVE, HARLEY JONES, Ph.D.

Professor of Zoology

Articles:

An analysis of some of the factors influencing the rate at which species have been described. *Copeia*, 1933: 2:68-73. (3000)

Studies on snails of the genus *Pleurocera*. II. The young of *P. acuta*. *Nautilus*, 47:2:48-49. (600)

An index to the international rules of zoological nomenclature. *Trans. Amer. Micro. Soc.*, 52:4:322-25. (700)

Length of life span as a factor in regulating populations. *Zoology*, 15:1:17-23. (2400)

VAN DERPOOL, JAMES GROTE, B.Arch.

Assistant Professor of Architecture

Articles:

Report on Dean Rexford Newcomb's investigation of Kentucky architecture. *Bul. Ill. Soc. Arch.*, 18:8,9:8. (600)

VAN HORNE, JOHN, Ph.D.

Professor of Romance Languages

Articles:

El Nacimiento de Bernardo de Balbuena. *Revista de Filología Española*, 20:160-68. (3400)

Balbuena en Puerto Rico. *Puerto Rico Ilustrado*, 1220, 1221, 1222. (10,000)

Articles edited in *Italica*. *Bul. Amer. Assoc. Teach. Italian*, 10:3; 10:4; 11:1. 116 pp.

VISSCHER, MAURICE B., Ph.D., M.D.

Professor of Physiology and Head of the Department in the College of Medicine

Books:

Laboratory manual of physiology. Edwards Bros., Ann Arbor, Mich., 1934. 72 pp.

Articles:

Medical science, its past, present, and future. *Trans. Ill. Acad. Sci.*, 26:2:21-28. (4500)

Physiology and the first year medical student. *Illini Scope*, 2:1:7. (800)

The antivivisection agitation in Chicago. *Ibid.*, 2:3:3-4. (1100)

With L. F. Moldavsky:

An analysis of the factors concerned in the automatic adjustment of the ventricle to increased load. *Amer. J. Physiol.*, 106:2:329-38. (2400)

With L. M. Dillman:

The calcium content of ultrafiltrates of plasma and the influence of changes in hydrogen and bicarbonate ion concentra-

tions upon it. *J. Biol. Chem.*, 103:2:791-99. (2700)

With H. G. Poncher and Helen Woodward:

Creatine metabolism in children with hypothyroidism. *J. A. M. A.*, 102:1132-35. (2000)

With George Decherd:

Energy metabolism of the failing heart. *J. Exp. Med.*, 59:2:195-99. (1400)

WALLACE, GEORGE IRA, Ph.D.

Assistant Professor of Bacteriology

Articles:

With A. R. Cahn and L. J. Thomas:

Klebsiella paralytica, a new pathogenic bacterium from "moose disease." *J. Infect. Dis.*, 53:3:386-414. (17,500)

With F. W. Tanner:

Microbiology of frozen foods. I. Historical review and summary of results. *Fruit Prod. J.*, 13:52-54, 109-13. (8000)

With Rhoda Crouch:

Microbiology of frozen foods. VI. The survival of pathogenic microorganisms in ice cream. *J. Dairy Sci.*, 16:315-17. (1000)

WALLS, EDNA ELLIOTT, A.M.

Assistant Professor of Child Development

Articles:

Child development and parent education in Illinois extension service. *J. Home Econ.*, 26:3:161-62. (500)

WALTZ, WALDO EMERSON, A.M.

Associate in English

Articles:

Broadcasting the spoken argument at Illinois. *Gavel*, 16:24-25. (1000)

Teaching debate by attention to rebuttal. *Ariz. Teacher*, 22:199-202. (2500)

Reviews:

Aelius Aristide, et la sophistique dans la province d'Asie au II^e siècle de notre ère. *Qt. J. Speech*, 19:442-45. (1000)

WARD, GLADYS JOSEPHINE, A.M.

Associate in Home Management Extension

Articles:

Home accidents and home management. *J. Home Econ.*, 25:770-72. (900)

With Isabelle M. Hitchcock:

Household care and cleaning. *Ill. Agr. Exp. Sta. Circ.* 416.

WARD, HENRY BALDWIN, Ph.D., D.Sc., LL.D.

Professor of Zoology, Emeritus

Articles:

The preliminary announcement of the Chicago meeting of the American association for the advancement of science. *Science*, 77:461-75. (9000)

The report of the Chicago meeting of the American association for the advancement of science. *Ibid.*, 78: 65-88. (18,000)

The report of the Boston meeting of the American association for the advancement of science. *Ibid.*, 79:85-120. (20,000)

WARD, H. B.—Articles (continued)

The Boston meeting of the American association for the advancement of science. *Nature*, 133:422-23.

WATSON, FLOYD ROWE, Ph.D.
Professor of Experimental Physics

Articles:

A survey of modern acoustics. *Rev. Sci. Instr.*, 4:268-70. (2000)

Acoustics of Board of Trade room. *J. Acous. Soc. Amer.*, 5:220. (200)

With K. C. Morrical:

Measurement of sound absorption by a modified tube method. *Ibid.*, 5:64. (200)

Reviews:

Editorial reviews. *J. Acous. Soc. Amer.*, 5.

WEBB, RICHARD LOCKWOOD, Ph.D.
Assistant Professor of Anatomy

Articles:

Observations on the propulsion of lymph through the mesenteric lymphatic vessels of the living rat. *Anat. Rec.*, 57:4 and supplement, Nov., 1933, pp. 345-50. (1500)

Changes in the number of cells within the peritoneal fluid of the white rat, between birth and sexual maturity. *Folia Haematologica*, 51:445-51. (2000)

WEBER, OSCAR FRIEDOLIN, Ph.D.
Associate Professor of Education

See A. W. Clevenger.

WEINARD, FREDERICK FRANCIS, Ph.D.
Associate Professor of Floricultural Physiology

Articles:

Side lights on carnation culture. *Flor. Rev.*, 73:1893:23,24,94. (3200)

Report of the pathologist of the society of American florists. *Flor. Exch.*, 82:17:24,26. (800)

With S. W. Decker:

Experiments in the use of old soil in growing carnations and roses. *Ill. Agr. Exp. Sta. Bul.* 400. (9000)

WELKER, WILLIAM HENRY, A.C., Ph.D.
Professor of Physiological Chemistry and Head of the Department

Articles:

With B. Z. Rappaport, T. Nelson, and H. William:

The effect of air filtration in hay fever and pollen asthma. *J.A.M.A.*, 100:1385-92. (4000)

WERNER, RAYMOND CLARENCE, Ph.D.
Assistant Professor of History

Articles:

Diary of Grace Growden Galloway, kept at Philadelphia, July 1, to Sept. 30, 1779. *Penn. Mag. Hist. Biog.*, 58:152-89. (19,000)

Reviews:

Joel Barlow, revolutionist, London, 1791-1792, by V. C. Miller. *J. Engl. Germ. Phil.*, 33:151-52. (500)

WESTERGAARD, HARALD MALCOLM,
Ph.D., Dr.Ing., Dr.Tech., D.Sc., Professor of Theoretical and Applied Mechanics

Articles:

Stresses at a crack, size of the crack, and the bending of reinforced concrete. *J. Amer. Concr. Inst.*, 5:2:93-102. (4000)

Earthquake-shock transmission in tall buildings. *Engineering News-Rec.*, 3:22:654-56. (3000)

A hydrostatic analogy for arch structures. *Ibid.*, 26:788-89. (1500)

Analytical tools for judging results of structural tests of concrete pavements. *Public Roads*, 14:10:185-88. (5000)

Graphostatics of stress functions. *Trans. Amer. Soc. Mech. Engrs.*, 56:3:141-49. (10,000)

Water pressures on dams during earthquakes. Republished with discussion. *Trans. Amer. Soc. Civ. Engrs.*, 98:418-33, 471-72. (10,000)

WHITLOCK, MARY CECILIA, A.M.
Associate in Home Economics

Articles:

Clothing construction. *Ill. Agr. Exp. Sta. Circ.*, 407. 140 pp.

WICKWIRE, GEORGE CHARLES, M.S.
Instructor in Physiology
*See W. E. Burge.*WIEN, MAX SAMUEL, B.S., M.D.
Associate Professor of Dermatology

Articles:

With Minnie O. Perlstein:

The use of extract of spleen in certain dermatoses. *Arch. Derm. Syph.*, 27:963-68.

Intradermal treatment of lymphogranuloma inguinale. *Ibid.*, 28:42-43.

Onychogryphosis, report of an unusual case. *Ibid.*, 28:807-09.

Lymphogranuloma inguinale. *Med. Rec.*, 139:6:288-91.

With M. R. Caro:

Traumatic epithelial cysts of the skin. *J.A.M.A.*, 102:197-99. (4000)

WILEY, CARROLL CARSON, B.S., C.E.
Associate Professor of Highway Engineering

Articles:

Estimating the economic value of proposed highway expenditures. *Proc. Amer. Soc. Civ. Engrs.*, 60:3:393-99.

WILL, SAMUEL FREDERIC, Ph.D.
Assistant Professor of Romance Languages

Articles:

An unpublished letter of Du Bartas. *Mod. Lang. Notes*, March, 1934, pp. 150-52. (1100)

Reviews:

The Todd memorial volumes, edited by J. D. Fitzgerald and Pauline Taylor. *Mod. Lang. J.*, Feb., 1934, pp. 358-59. (500)

WILLARD, ARTHUR CUTTS, B.S., D.Eng., LL.D.
President

Articles:

With A. P. Kratz and M. K. Fahnestock:

The application of the eupatheoscope for measuring the performance of direct radiators and convectors in terms of equivalent temperature. *J. Amer. Soc. Heat. Vent. Engrs., Section of Heating, Piping, and Air Conditioning*, 5:7:369-75. (4000)

With A. P. Kratz:

The residence cooling problem. *Ref. Eng.*, 26:2:73-81, 101. (7000)

WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments Committee

Articles:

Professional ethics. *Ill. Teacher*, 22:7:199-200. (1200)

WILLS, JOHN ELLIOT, M.S.

Assistant in Farm Management

See P. E. Johnston.

WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

Articles:

The bearing value of rollers. *Ill. Eng. Exp. Sta. Bul.* 263. 32 pp.

With George E. Jewett:

The flexural strength of short beams. *Amer. Ry. Engr. Assoc. Bul.*, 35:357:1-10. (6000)

With Ralph W. Kluge:

The strength in bearing of webs of track and segmental girders for rolling bascule bridges. *Ibid.*, 35:357:11-35. (15,000)

WINAKOR, ARTHUR H., Ph.D., C.P.A.

Statistician, Bureaus of Business Research and Institutional Research.

Articles:

Maintenance of working capital of industrial corporations by conversion of fixed assets. *Ill. Bur. Bus. Res. Bul.* 49. (20,000)

With Daniel Borth:

Documentation in accounting literature. *Acct. Rev.*, 9:1:60-68. (5400)

WOODDELL, JOHN FRANK, M.S.

Associate in Mechanical Engineering

Books:

With C. E. Schubert and A. D. Wright:

Foundry practice. McKnight and McKnight, Bloomington, Ill., 1934. 100 pp.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

Articles:

The temporal indifference interval determined by the method of mean error. *J. Exp. Psych.*, 17:2:167-88. (10,000)

Weight-discrimination with a varying standard. *Ibid.*, 45:3:391-416. (12,500)

Errors in weight discrimination with a varying standard and their significance for the theory of comparison. *Psych. Bul.*, 30:8:576. (150)

Articles (continued)

The effect of change in difficulty at different levels of performance. *Ibid.*, 30:11:657-58. (300)

WOODRUFF, SYBIL, Ph.D.

Associate Professor of Foods

Articles:

Recent changes in food habits. *Trans. Ill. Acad. Sci.*, 25:4:74. (400)

With Lucille R. Webber:

A photomicrographic study of gelatinized wheat starch. *J. Agr. Res.*, 46:12:1099-1108. (800)

With Harriet T. Barto and Julia P. Out-house:

Low-cost diets for emergency use. *Ill. Agr. Exp. Sta. Circ.* 406. 12 pp. (4000)

WOODWARD, HELEN, M.S.

Research Assistant in Pediatrics

See M. B. Visscher.

WRIGHT, AMOS DAVID

Instructor in Mechanical Engineering

See C. E. Schubert and J. F. Wooddell.

WRIGHT, IVAN, Ph.D.

Professor of Economics

Articles:

History of money—gold as a standard. *Bul. Nat. Prog. League.* (6000)

Substitutes for the gold standard. *Ibid.* (6000)

The abandonment of the gold standard. *Ibid.* (6000)

Economic conditions and the outlook. *Bul. Tel., Nov.*, 1933, pp. 11-12. (3000)

Do corporations want to increase their business? *LaSalle Street Cashier*, Jan., 1934. (1500)

Chicago as a financial center. *Chicago J. Com.*, Jan. 2, 1934. (2000)

Reviews:

Detroit money market, by G. W. Woodworth. *J. Bus. (Univ. of Chicago)*, July, 1933. (400)

Banker's gold, by E. L. Smith. *Ibid.*, July, 1933. (400)

WRIGHT, LESLIE, M.S.

Assistant in Farm Management

See P. E. Johnston.

YOUNG, EVERETT GILLHAM, M.S., M.E.

Research Professor of Railway Mechanical Engineering

Articles:

A study of the locomotive front end, including tests of a front-end model. *Ill. Eng. Exp. Sta. Bul.* 256.

The development of the American railway passenger car. *Ry. Locom. Hist. Soc. Bul.*, 32:44-64. (6000)

With E. C. Schmidt:

Railway research at the University of Illinois. Special pub., *Amer. Soc. Mech. Engrs.*, pp. 65-78. (7500)

YOUNG, PAUL THOMAS, Ph.D.
Professor of Psychology

Books:

Motivation of human and animal behavior;
a guide for students of psychology.
Edwards Bros., Ann Arbor, Mich., 1933.
200 pp., 78 figs.

Articles:

Memory for pleasant, unpleasant, and in-
different pairs of words. *J. Exp. Psych.*,
16:3:454-55. (500)

The mechanism of organic set. *Psych.*
Bul., 30:8:587-88. (200)

An analysis of "drive." *Ibid.*, 30:9:657.
(200)

With R. K. Compton:

A study of organic set: immediate repro-
duction of spatial patterns presented by
successive points to different senses.
Ibid., 16:6:775-97. (7000)

Reviews:

The psychology of pleasantness and un-
pleasantness, by J. G. Beebe-Center.
Amer. J. Psych., 46:2:343-46. (2000)

ZECHEL, GUSTAV LEOPOLD, M.D.

Associate in Surgery and in Anatomy

Articles:

Observations on the follicular cycle and
on the presence of the macrothryocyte
in the human thyroid. *Anat. Rec.*, 56:
2:119-30. (2000)

ZIMMERMANN, ARNOLD ALBERT, B.S.,
D.Sc.

Associate Professor of Anatomy

Articles:

A rare cardiac anomaly of a human fetus.
Anat. Rec., 58: 3:245-48. (500)

With E. L. Armstrong and R. E. Scammon:

The change in position of the eyeballs dur-
ing fetal life. *Ibid.*, 59:1 and Supple-
ment, April, 1934, pp. 109-34. (2000)

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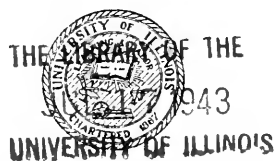
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UNIVERSITY OF ILLINOIS
URBANA

BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1934—APRIL 30, 1935



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY OF THE UNIVERSITY OF ILLINOIS

May 1, 1934—April 30, 1935

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1935, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1935-36 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER, Ph.D., D.Sc.
Professor of Organic Chemistry and Head
of the Department of Chemistry

ARTICLES:

With S. L. Chien:

Stereochemistry of diphenyls. XXXV. The effect of 3' substituents on the rate of racemization of 2-nitro-6-carboxy-2'-methoxydiphenyl. *J.A.C.S.*, 56:1787-92. (2500)

With Chin Chang:

Stereochemistry of diphenyls. XXXVI. Preparation and resolution of certain substituted dipyrrolylbenzenes. *Ibid.*, 56:2089-92. (2000)

With A. E. Knauf and P. R. Shildneck:

Stereochemistry of diphenyls. XXXVII. The resolution of certain substituted diphenylbenzenes. *Ibid.*, 56:2109-11. (1500)

With N. E. Searle:

Stereochemistry of diphenyls. XXXVIII. Resolution of 2,2'-dibromo-4,4'-dicarboxydiphenyl. *Ibid.*, 56:2112-13. (1000)

With W. E. Hanford and Poe Liang:

The constitution of vasine. *Ibid.*, 56:2780-83. (1800)

With Q. R. Bartz and R. F. Miller:

The introduction of isobutyl groups into phenols, cresols, and homologous compounds. *Ibid.*, 57:371-76. (2800)

ADAMSTONE, FRANK BOLTON, Ph.D.
Assistant Professor of Zoology

ARTICLES:

The effects of vitamin E deficiency on the testis of the male fowl. *J. Morph.*, 56:2:339-59. (5000)

A possible relation of vitamin E to unrestricted cell division. *Science*, 80:2081:450. (250)

With L. E. Card:

A study of the spermatozoon of the fowl with particular reference to osmophilic bodies in the sperm head. *J. Morph.*, 56:2:325-37. (4000)

ALEXOPOULOS, CONSTANTINE JOHN,
Ph.D., Instructor in Botany

ARTICLES:

Gloeosporium leaf spot, a serious disease of orchids. *Phytopath.*, 25:435-37. (400)

With J. Drummond:

Resistance of fungous spores to low temperatures. *Trans. Ill. Acad. Sci.*, 26:63. (300)

ALLEN, CHARLES LAUREL, A.M.
Associate Professor of Journalism

ARTICLES:

What you can do to meet mail order competition. *Nat. Ed. Assoc. Bul.*, 15:6:8. (2200)

Bookkeeping, cost finding systems are now available. *Ibid.*, 15:6:14. (475)

Code violation adjustment work well under way for industries A2 and A5. *Ibid.*, 15:6:15. (3000)

Get ready for cost finding. *Ibid.*, 15:7:15. (3000)

Good news. A simple cost finding system. *Ibid.*, 15:8:7. (2000)

Do you read comics first? Annie, Popeye are favorites. *Ibid.*, 15:9:8. (700)

Easy to do. *Ibid.*, 15:9:21. (1000)

Eighty minutes produce month's hour costs of print shop. *Ibid.*, 15:10:24. (1000)

Putting a plan into plant replacement. *Ibid.*, 15:11:17. (1500)

Cost facts. *Ibid.*, 15:12:36. (1000)

Weekly beats dailies on election returns. *Nat. Printer Journ.*, 52:12:17. (1200)

Meeting mail competition. *Ibid.*, 52:12:50. (2200)

National code authority issues official regulations on determination of costs. *Pub. Aux.*, 70:14:1. (1000)

Compliance process step by step. *Joint Nat. Code Authority Bul.*, 95. (900)

How to handle complaints against respondents under other jurisdictions. *Ibid.*, 105. (250)

Suggestions in regard to the holding of formal hearings concerning fair trade practice complaints. *Ibid.*, 105. (800)

Summary of fair trade practice complaints settled. *Ibid.*, 175. (4000)

Check on assessments and number of employees at fair trade practice hearings. *Ibid.*, 185. (200)

Suggestion for obtaining cooperation from county boards. *Ibid.*, 197. (400)

Summaries of additional compliance cases. *Ibid.*, 200. (1000)

In regard to printing agents. *Ibid.*, 211. (260)

Guide of fair value for can labels. *Ibid.*, 212. (200)

Wording of price determination schedule. *Ibid.*, 214. (300)

NRA legal opinion on state and federal institutions. *Ibid.*, 215. (300)

ALLEN, C. L.—Articles (continued)

Use of courts in compliance work. *Ibid.*, 221. (200)

Cooperative council for Mississippi code authorities. *Ibid.*, 229. (400)

Handling complaints by other code authorities. *Ibid.*, 239. (400)

Wholesalers distributing printed matter. *Ibid.*, 240. (200)

Kentucky governor's proclamation in regard to state institutions complying with the NIRA. *Ibid.*, 243. (200 + quoted proclamation)

Declaration "Of Sufficient Scope." *Ibid.*, 247. (200)

REVIEWS:

Tips to country correspondents. *Journ. Qt.*, 12:1:105. (150)

Survey by the Northwest Daily Press Association. *Ibid.*, 12:1:107. (150)

ALLEN, HARRY KENNETH, M.S.

Assistant in Economics

ARTICLES:

Municipal finance in 1934. *Amer. Year Book*, pp. 193-200. (5000)

The relative merits of township and non-township government. *Ill. J. Com.*, 17:1:8-10. (4000)

Diversion of gasoline tax revenue. *Tax Magazine*, 14:4:203ff. (5000)

ALMY, GERALD MARKS, Ph.D.

Assistant Professor of Physics

ARTICLES:

With M. C. Watson:

The band spectrum of ionized aluminum hydride. *Phys. Rev.*, 45:871-76. (3500)

AMBROSIUS, EDGAR ELMER, M.S.

Associate in Mechanical Engineering

ARTICLES:

With J. C. Reed and H. F. Irving:

Study of the flow of water through a glass pipe. *Proc. A.S.M.E.* (hydraulics and aerodynamics sections), June, 1934. (4000)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

ARTICLES:

Collection system and series. *7th An. Conf. Rpt. Assoc. Credit Bureaus of Ill.*, May, 1934. (6100)

Writing application letters. *Daily Illini*, May 3, 1934. (1800)

Letters that get interviews. *Technograph*, Feb., 1935. (850)

Answering the inquiry. *Canada Poultryman*, July, 1934. *Chanticleer*, June, 1934. (950)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

ARTICLES:

Black stele root rot of strawberry. (Abstract). *Phytopath.*, 25:5.

Some problems in vegetable pathology. *Trans. Ill. Hort. Soc.*, 68:374-86.

Apple measles and frog eye leaf spot. *Ibid.*, 68:424-33.

With A. S. Colby and W. P. Flint:

Bramble fruits. *Ill. Agr. Exp. Sta. Circ.* 427. Part II.

With W. A. Ruth and W. P. Flint:

The season of 1934. *Trans. Ill. Hort. Soc.*, 68:45-53.

Articles (continued)

With K. J. Kadow:

The value of zinc sulfate as a peach spray ingredient. (Abstract). *Phytopath.*, 25:22.

The role of zinc sulfate in peach sprays. *Ill. Agr. Exp. Sta. Bul.* 414:207-55.

ANDREWS, ANDREW IRVING, Ph.D.

Professor of Ceramic Engineering

BOOKS:

Enamels. Twin City Printing Co., Champaign, 1935. 392 pp.

ARTICLES:

Microscopic observations of the appearance of enamels during firing and reboiling. *Bul. Amer. Cer. Soc.*, 14:1. (800)

With E. E. Howe:

The effect of fluorides on the properties of white sheet-iron enamels. *J. Amer. Cer. Soc.*, 17:10. (1600)

With E. G. Porst:

Effect of water hardness on vitreous enamel suspensions. *Ibid.*, 17:10. (3000)

With R. E. Mullady:

Further data on reboiling of sheet-iron ground-coat enamels. *Ibid.*, 17:11. (1825)

ANDREWS, JAMES BURTON, M.S.

Associate in Farm Management

See P. E. Johnston.

ARMSTRONG, GRACE BESSELENE, A.M.

Assistant Professor of Foods and Nutrition Extension

See F. W. Tanner.

ARNDT, CHRISTIAN OTTOMAR, A.M., M.S.

Instructor in Education and Head of the Department of Foreign Languages in the University High School

ARTICLES:

Thought questions. *High School Teacher*, 11:2:57-58. (800)

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Public Health

ARTICLES:

A new mechanism of defense against bacteria through the use of certain foods. *Amer. J. Pub. Health*, 24:8:854. (1200)

Commensal and parasitic *Entameba histolytica* infestation. *Amer. J. Digestive Diseases and Nutrition*, 1:6:351. (2000)

With Emil Weiss:

The specificity of the complement fixation test for amebiasis. *Ibid.*, 1:8:548. (3500)

Complement fixation test for amebiasis. *Ibid.*, 1:4:231. (2000)

With Arthur Hansen:

The bactericidal power of the stomach and some factors which influence it. *Ibid.*, 1:10:725. (1000)

With H. E. McDaniels:

Darkfield diagnosis of infectious syphilis. *Ill. Med. J.*, Dec., 1934. (800)

Practical method for public health laboratory diagnosis of infectious syphilis. *Amer. J. Pub. Health*, 24:5:452. (500)

With Lars Gulbrandsen:

Treatment of chronic typhoid carriers. *Ill. Med. J.*, March, 1935. (800)

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

BOOKS:

With Flora Ross and Ada Esther Ross:

Ich lerne Deutsch. Harpers, N. Y. and London, 1935. xlii + 466 pp.

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Livestock Marketing

ARTICLES:

Necessity demands concerted action. *Nat. Livestock Prod.*, 12:10:4. (2400)

Problems in livestock marketing. *U. S. Livestock News*, 1:4:8-9. (3000)

Moving meat animals by freight from farms to packers. *Nat. Livestock Prod.*, 13:2:6,15. (2300)

Freight rates and tariffs affect livestock marketing. *Coop. Shipper*, 14:12:10-11. (385)

Local livestock markets in relation to corn-belt hog marketing. *Ill. Agr. Exp. Sta. Bul.* 408:437-624. (90,000)

Two sets of hog markets. *Nat. Livestock Prod.*, 13:5:7. (1560)

Local livestock markets. *U. S. Livestock News*, 1:11:7,9. (3200)

Country buying brings complex and intricate problem. *Neb. Union Farmer*, 21:21:9. (1900)

Local livestock markets in relation to corn-belt hog marketing. *Amer. Hampshire Herdsman*, 10:3:8,9. (2300)

Country markets are proving wasteful. *U. S. Livestock News*, 1:12:7. (1200)

Reduce marketing costs and receive more for livestock. *Chicago Daily Drovers J.*, 65:2. (1000)

Obstacles to fair livestock prices. *Nat. Livestock Prod.*, 13:7:9. (1900)

Bargaining power now possible. *Neb. Union Farmer*, 21:24:9. (500)

Marketing and distribution. *Proc. U. S. Livestock Assoc.*, Feb., 1935, pp. 11-15. (4500)

Opportunity knocks at the stockman's door. *Livestock Markets*, 45:4:5. (1000)

Important conditions affecting our livestock markets. *An. Rpt. Neb. Bd. Agr.*, 1934, pp. 524-29. (2500)

AUDRIETH, LUDWIG FREDERICK, Ph.D.

Assistant Professor of Chemistry

BOOKS:

Laboratory exercises for Chemistry 7. Urbana, 1935. 40 pp.

With M. J. Copley:

Laboratory exercises for Chemistry 4. Urbana, 1935. 50 pp.

ARTICLES:

Hydrazoic acid and its inorganic derivatives. *Chem. Rev.*, 15:169-224. (1800)

Über die Herstellung seltener Erdmetalle durch thermische Zersetzung ihrer Amalgams. *Metallwirtschaft*, 14:3:5. (1600)

See also B. S. Hopkins.

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

BOOKS:

The mechanical aeration of sewage by Sheffield paddles and by an aspirator. *Ill. Eng. Exp. Sta. Bul.* 268. (20,000)

ARTICLES:

Research in sewage treatment. *Munic. Sanitation*, 5:409. (3000)

Disposal of garbage with sewage sludge. *Sewage Works J.*, 6:6:1103-08. (2000)

BACHEM, ALBERT, Ph.D.

Professor of Biophysics

ARTICLES:

Evolution in the inorganic world. *Arch. Phys. Ther.*, 14:709-16. (4975)

Ultraviolet in dentistry. *J. Amer. Dent. Assoc.*, 21:302-12. (5500)

BADGER, ALFRED EARL, M.S.

Research Associate in Ceramic Engineering

ARTICLES:

With V. C. Fugman and H. J. Vormelker:

Heat balance of a glass tank. *Glass Industry*, 16:1:5-10. (4000)

See also C. W. Parmelee.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Assistant Professor of Chemistry

BOOKS:

Laboratory assignments for Chemistry 2. (2d ed.). Edwards Brothers, Ann Arbor, Mich., 1934. 40 pp.

BAILY, HENRY HEATON, A.M., C.P.A.

Associate Professor of Accountancy

ARTICLES:

Retiring railroad bonds. *Chicago J. Com.*, June 28 (p. 6) and 29 (p. 8), 1934. (5400)

BAKER, FRANK COLLINS, B.S.

Curator, Museum of Natural History

ARTICLES:

The molluscan fauna of the great valleys of Illinois. *Trans. Ill. Acad. Sci.*, 26:129. (160)

A new mammoth record for Illinois. *Science*, 80:118. (260)

New Lymnaeidae from the United States and Canada. I. California, Oregon, and other western states. *Nautilus*, 48:17-20. (1250)

A new species of Gyraulus from Canada. *Can. Field Nat.*, 48:135. (475)

Mollusca from Turkey Run, Indiana. *Nautilus*, 48:105-06. (230)

BALDUF, WALTER VALENTINE, Ph.D.

Assistant Professor of Entomology

ARTICLES:

The taxonomic value of ovipositors in some Empoasca species (Homoptera Cicadellidae). *Ann. Ent. Soc. Amer.*, 27:2:293-310. (6500)

BALDWIN, EDWARD CHAUNCEY, Ph.D.

Professor of English

ARTICLES:

Milton and Phineas Fletcher. *J. Engl. Germ. Philol.*, 33:4:544-46. (600)

BARLOW, REUEL RICHARD, A.M.

Associate Professor of Journalism

ARTICLES:

Research man says New Deal news mostly unbiased. *Ed. and Pub.*, 67:41:29. (2000)

REVIEWS:

The copyreader's workshop, by Harrington and Woolseley. *Journ. Qt.*, 11:330. (500)

BARTLETT, JAMES HOLLEY, JR., Ph.D.
Assistant Professor of Theoretical Physics

ARTICLES:

- Negative protons in the nucleus? *Phys. Rev.*, 46:435. (600)
With J. J. Gibbons:
Magnetic moment of the K³⁹ nucleus. *Ibid.*, 47:692-94. (2100)
With J. J. Gibbons and C. G. Dunn:
The normal helium atom. *Ibid.*, 47:679-80. (1600)
With W. E. Shoupp and C. G. Dunn:
Magnetic moment of the Na²³ nucleus. *Ibid.*, 47:705-06. (650)

BARTLETT, ROLAND WILLEY, Ph.D.
Assistant Professor of Agricultural Economics

ARTICLES:

- Questions and answers on milk marketing problems. *San. Milk Bul.*, St. Louis, 5:1:8. (350)
Questions and answers on milk marketing problems. *Ibid.*, 5:2:5. (300)
(a) Condensery prices for the St. Louis territory during the past twenty-five years as compared with the whole-milk price in the St. Louis territory. (b) Daily per capita consumption of milk in the 14 major cities in the United States, May, 1934. *Ibid.*, 5:4:45-7. (100)
Preliminary results of a study of the St. Louis milk market. *Ibid.*, 5:6:6,13. (350)
Pittsburgh market votes base and surplus plan back. *Ibid.*, 5:7:4. (125)
A study of the St. Louis milkshed. *Dairy Manufactures Short Course Manual*, Univ. of Ill. Dept. of Dairy Husb., Jan., 1935. (1400)
(a) St. Louis among 14 major cities in consumption of milk. (b) A twenty-six years' comparison of condensery and whole-milk prices graphically illustrated. *St. Louis Milk Market Rev.*, 1:5:5,8,9. (100)
(a) Wholesale prices of butter influence values of milk. (b) United States prices for farm foods and St. Louis fluid milk prices. (c) Cattle prices and numbers of cattle. (d) Price of 92-score butter at Chicago and indexes of payrolls, 1919-1935. *Ibid.*, 1:6:7,8,11,12. (800)
Purchasing power of Illinois factory payrolls greater than for United States. *Ibid.*, 1:8:5. (800)
Farmers waste \$150,000 year hauling costs. *Ibid.*, 1:9:7. (550)
Purchasing power of Illinois factory workers increases more than farmers. *Ibid.*, 1:10. (2000)
Low average incomes, high temperatures minimize St. Louis milk consumption (graphic illustration). *Ibid.*, 1:11:4,5. (1900)
(a) Chart showing condensery price of milk in St. Louis territory during past 25 years as compared with whole milk price in the St. Louis territory. (b) Daily per capita consumption of milk in 14 major cities in the United States, May, 1934. *Dairymen's J.*, 21:6:4,5,7.
Illinois farm prices, Dec., 1934, and Jan., 1935. *Ill. Agr. Exp. Sta.*, Dept. Agr. Econ., mimeo. (600)
Constructive competition vs. monopoly and destructive competition in the farm pro-

Articles (continued)

- duction and marketing of milk. *Ibid.*, (3200)
St. Louis milk problems with suggested solutions. *Ill. Agr. Exp. Sta. Bul.*, 412. 84 pp.
(a) Low consumption in St. Louis area costs producers \$1,400,000 a year. (b) Surveys show way to greater milk industry in St. Louis area. (c) Sanitary milk producers credited with St. Louis market improvement. (d) Producers' incomes should increase in next few years, expert predicts. (e) St. Louis dealers' weighted gross margins was 5.41 cents a quart in 1934. *Dairymen's J.*, 22:1:10,11,12,13,15. (5000)
Problems in fluid milk industry. *Hoard's Dairymen*, 80:6:139,148,153. (4000)
With M. J. Prucha and E. H. Tracy:
Memorandum prepared to assist in the drafting of a sanitary code for the State of Illinois. Univ. of Ill. Coll. of Agr., Nov., 1934.

BARTO, HARRIET THOMPSON, A.M.
Assistant Professor of Dietetics

ARTICLES:

- Sane reducing diets and how to plan them. *Ill. Agr. Exp. Sta. Circ.* 433:1-12. (4000)
A class problem in planning low cost diets. *Practical Home Econ.*, 12:285. (750)

BAUER, FREDERICK CHARLES, Ph.D.
Professor of Soil Fertility

ARTICLES:

- Crop yields from Illinois soil experiment fields in 1933. *Ill. Agr. Exp. Sta. Bul.*, 402:39-92. (15,000)
Response of Illinois soils to limestone. *Ibid.*, 405:303-63. (20,000)

BAYLEY, WILLIAM SHIRLEY, Ph.D.
Professor of Geology, Emeritus

REVIEWS:

- The determination of the feldspars in thin sections, by K. Chudoba. Trans. by W. R. Kennedy. *Econ. Geol.*, 29:4:406. (190)
Dip and strike problems, by K. W. Earle. *Ibid.*, 29:5:503. (150)
Les ressources minerales de la France d'outre-mer. II. Le fer, le manganèse, le chrome, etc., by G. Bétier, F. Blondel, and others. *Ibid.*, 29:5:506. (650)
Metamorphism: a study of the transformations of rock masses, by Alf Harker. *Ibid.*, 29:5:507. (150)
The sky determines: an interpretation of the Southwest, by Ross Calvin. *Ibid.*, 29:6:608. (275)
Tertiary faunas. Vol. II. The sequence of Tertiary faunas, by A. M. Davies. *Ibid.*, 29:6:608. (275)
Die Bodenschätze des Staates Minas Geraes (Brasilien), by Dr. B. von Freyberg. *Ibid.*, 29:7:706. (575)
Angewandte Geophysik für Bergleute und Geologen, by H. Reich. Teil II. *Ibid.*, 29:7:707. (150)
Prospecting for gold and silver, by E. M. Savage. *Ibid.*, 30:1:97. (360)
The Dinosaurs: a short history of a great group of extinct reptiles, by W. E. Swinton. *Ibid.*, 30:1:97. (260)

Articles (continued)

Grundzüge der Geologie und Lagerstättenkunde Chiles, by Dr. J. Brüggén. *Ibid.*, 30:2:197. (650)

BEARD, JOSEPH HOWARD, A.M., M.D.
Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

ARTICLES:

The teacher's part in promoting the school child's health. *Sch. and Soc.*, 40:1041:753-58. (3000)

Health hints for preachers. *Zion's Herald*, 112:4:1:971. (1500)

REVIEWS:

An introduction to sex education, by Winifred V. Richmond. *Daily Illini*, Oct. 21, 1934, p. 10. (500)

BENNER, THOMAS ELIOT, Ed.D.
Professor of Education and Dean of the College of Education

ARTICLES:

With others:

The subject-matter preparation of secondary school teachers—a committee report of progress. *North Central Assoc. Qt.*, 9:4:396-402. (3000)

BERDAHL, CLARENCE ARTHUR, Ph.D.
Professor of Political Science and Chairman of the Division of Social Sciences

REVIEWS:

Lord Riddell's intimate diary of the peace conference and after. *Amer. Pol. Sci. Rev.*, 28:3:527-29. (750)

American consultation in world affairs for the preservation of peace, by Russell M. Cooper. *Ibid.*, 29:1:142-43. (750)

The new internationalism, by Clark Foreman. *Ibid.*, 29:1:162-63. (400)

BERMAN, EDWARD, Ph.D.
Associate Professor of Economics

REVIEWS:

The theory of wages, by Paul H. Douglas. *Ann. Amer. Acad. Pol. and Soc. Sci.*, 174:182-83. (1000)

Cases on labor law, by J. M. Landis. *Ill. Law Rev.*, 29:6:829-30. (1000)

Miners and management, by Mary Van Kleeck. *Amer. Econ. Rev.*, 24:3:518-20. (800)

BERNBAUM, ERNEST, Ph.D.
Professor of English

ARTICLES:

Recent works on prose fiction before 1800. *Mod. Lang. Notes*, 49:523-34. (4750)

REVIEWS:

William White—Poeta Laureatus, by August Bitter. *J. Engl. Germ. Philol.*, 33:125. (200)

Wordsworth and Reed: the poet's correspondence with his American editor (1836-1850) and Henry Reed's account of his reception at Rydal Mount, London, and elsewhere in 1854, by Leslie Nathan Broughton. *Ibid.*, 33:125-26. (275)

Legends of Angria, by Fannie E. Ratchford and W. C. Devane. *Ibid.*, 33:126-27. (300)

BETTY, BERNARD BREAST, M.S.
Special Research Assistant in Engineering Materials
See H. F. Moore.

BLAIR, JOSEPH CULLEN, D.Sc.
Professor of Horticulture and Head of the Department

ARTICLES:

Equipment for research and teaching. *Trans. Ill. Hort. Soc.*, 1934. (600)

Our twenty-fifth anniversary. "*Ulas*" *News Letter*, 1935. (3500)

BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

ARTICLES:

Ten points of emphasis in the geography of Illinois. *Trans. Ill. Acad. Sci.*, 27:101-02. (1000)

BLAYNEY, JAMES ROY, D.D.S., M.S.
Professor of Dental Pathology and Therapeutics, Head of the Department, and Associate Director of the Infirmary
See H. G. Poncher.

BLOOM, MARGARET, Ph.D.
Instructor in English

ARTICLES:

Eggleston's notes on Hoosier dialect. *Amer. Speech*, 9:4:319-20. (900)

BOGART, ERNEST LUDLOW, Ph.D.
Professor of Economics and Head of the Department

BOOKS:

Economic history of the American people. (2d ed.). Longmans, Green and Co., N. Y., 1935. xii + 891 pp.

BOOKS EDITED:

Public finance, by E. D. Fagan and C. W. Macy. Longmans Economics Series, N. Y., 1934. xii + 961 pp.

REVIEWS:

America's capacity to produce, by Edwin G. Nourse and associates. *Miss Vall. Hist. Rev.*, March, 1935. (500)

Foreign bonds: an autopsy, by M. Winkler. *Amer. Econ. Rev.*, Sept., 1934. (350)

BOYD, ANNE MORRIS, B.L.S.
Assistant Professor of Library Science

ARTICLES:

Library service for public officials. *Ill. Libraries*, 16:4:79-86. (5000)

BRAHANA, HENRY ROY, Ph.D.
Associate Professor of Mathematics

ARTICLES:

On the metabelian groups which contain a given group H as a maximal invariant Abelian subgroup. *Amer. J. Math.*, 56:490-510. (12,000)

Metabelian groups of order p^{a+m} with commutator subgroups of order p^m . *Trans. Amer. Math. Soc.*, 36:776-92. (9000)

BRAY, ROGER HAMMOND, M.S.
Assistant Chief in Soil Survey Analysis

ARTICLES:

Obtaining uniform maturity with soil tests. *Canning Age*, Oct., 1934, pp. 483-85. (3400)

The origin of horizons in claypan soils. *Amer. Soil Surv. Assoc. Bul.*, 16:70-75. (3900)

BREDLAU, ERNEST A., M.D.
Associate in Laryngology, Rhinology, and
Otology

ARTICLES:

Recurrent basal cell carcinoma of the nasal
septum histogenesis of so-called cylin-
dromas. *Arch. Otolaryng.*, 20:382-89. (3000)

BRODERICK, EDWIN LAURENCE, M.S.
Research Assistant in Mechanical
Engineering
See A. P. Kratz.

BRONSTEIN, I. PAT, B.S., M.D.
Associate in Pediatrics

ARTICLES:

With Margaret E. Millikan:

Hypothyroidism and cretinism in childhood.
II. Capillary permeability. *J. Pediatrics*,
4:5:648-53. (1500)
See also A. W. Brown.

BROWN, ANDREW WILSON, Ph.D.
Associate Professor of Criminology, Social
Hygiene, and Medical Jurisprudence

ARTICLES:

With I. P. Bronstein:

Hypothyroidism and cretinism in childhood.
Amer. J. Orthopsych., 4:3:413-20. (2000)

BROWN, FRANK ARTHUR, JR., Ph.D.
Instructor in Zoology

ARTICLES:

The chemical nature of the pigments and the
transformations responsible for color
changes in Palaeomonetes. *Biol. Bul.*, 67:
3:365-80. (5400)

With M. Copeland:

Modification of behavior in *Nereis virens*.
Ibid., 67:3:356-64. (3600)

With G. H. Parker and J. M. Odierne:

The relation of the eyes to chromatophoral
activities. *Proc. Amer. Acad. Arts and
Sci.*, 69:12:439-62. (10,400)

BROWN, HUGH ALEXANDER, M.S., E.E.
Assistant Professor of Electrical Engineering
See J. T. Tykociner.

BROWN, REX LENOI, M.S.
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See F. E. Richart.

BROWNE, WILLIAM HARCOURT, B.S.,
M.D., Assistant Professor of Obstetrics and
Gynecology

ARTICLES:

The use of follutein in dysmenorrhea. *Amer.
J. Obstet. Gyn.*, 29:1:113. (2000)

BUCHHOLZ, JOHN THEODORE, Ph.D.
Professor of Botany

ARTICLES:

With A. F. Blakeslee and L. F. Williams:

Conditions of pollen-tube growth found in
pollinations between ten species of *Datura*.
Rec. Gen. Soc. Amer., 3:35-36. (400)

With A. F. Blakeslee and A. G. Avery:

Pollen-tube growth in a translocation of the
1-2 chromosome in *Datura*. *Proc. Nat.
Acad. Sci.*, 21:208-13. (2700)

BULL, SLEETER, M.S.
Associate Professor of Meats

ARTICLES:

Hints for livestock feeders. *Report on Reg-
istered Commercial Feedingstuffs*, Ill. Dept.
Agr., 1934, pp. 15-18. (2500)

Delayed bleeding is one of the causes of
dark-cutting beef. *Nat. Provisioner*, 91:15.
(1500)

What causes yellow in beef fat? *Ibid.*, 92:1.
(1500)

BURGE, WILLIAM EDWARD, Ph.D.
Associate Professor of Physiology and Acting
Head of the Department

ARTICLES:

With G. C. Wickwire:

A study of irritability in the plant. *Amer. J.
Bot.*, 21:10. (350)

Further study of "Frenching" in orange
trees. *Ibid.*, 21:10. (400)

The effect of daylight and darkness and the
performance of physical work on the irri-
tability and physical strength of the plant
Mimosa. *Amer. J. Physiol.*, 113. (300)

A comparison of the rate of disintegration
of nucleated and non-nucleated red blood
cells, or red cells from anemic and normal
animals, and the effect of copper. *Ibid.*
(350)

The effect of the performance of physical
work on the susceptibility to fatigue and
on the working capacity of the plant
Mimosa. *Science*, 82. (1900)

Daily variation in the sensitivity of *Mimosa*,
with special reference to the action of
light. *Bot. Gaz.*, 97. (2800)

With O. S. Orth, H. W. Neild, J. Ash, and
R. Krouse:

The mechanism of pathological calcification.
Arch. Path., 20. (3000)

With O. S. Orth:

A comparison of the catalytic activity of the
inorganic constituents or ash of different
organs of the human. *Amer. J. Physiol.*,
113:1. (400)

BURLISON, WILLIAM LEONIDAS, Ph.D.,
D.Agr., Professor of Crop Production and
Head of the Department of Agronomy

ARTICLES:

With C. L. Stewart, R. C. Ross, and
O. L. Whalin:

Production and marketing of redtop. *Ill.
Agr. Exp. Sta. Bul.* 404:231-99. (20,000)

With A. L. Lang:

The soybean is here to stay. *Better Crops
with Plant Food*, April-May, 1935. (2200)

BYERLEY, JACOB ROY, M.S.
Teacher in the University High School
See F. W. Tanner.

CALLEN, ALFRED COPELAND, M.S., E.M.
Professor of Mining Engineering and Head
of the Department of Mining and Metal-
lurgical Engineering

ARTICLES:

Desirable investigations in the use of Illinois
coals for domestic purposes. *Contrib. 2d.
An. Min. Ind. Conf.*, Ill. Geol. Surv.,
1934, pp. 139-44. (3200)

Analysis, composition, and types of coal.
Coal-Heat, 26:2:16,18,20. (3000)

CAMERON, EDWARD HERBERT, Ph.D.
Professor of Education and Director of the
Summer Session

REVIEWS:

Education and emergent man, by W. C. Bagley. *J. Educ. Res.*, 28:8:626-28. (1500)

CANTER, HOWARD VERNON, Ph.D.
Professor of Classics

BOOKS:

With W. A. Oldfather and B. E. Perry:
Index Apuleianus. *Amer. Philol. Assoc. Monog.* 3, Middletown, Conn., 1934. liv + 490 pp.

ARTICLES:

Roman remains in southern France. *Class. J.*, 30:5-18. (6000)

REVIEWS:

Plauti Mercator, by P. J. Enk. *Class. J.*, 29:705-08. (950)

Plauti Menaechmi, by Nicholas Mosely and Mason Hammond. *Ibid.*, 30:175-76. (350)
Memoirs of the American Academy in Rome. XI. *Ibid.*, 30:498-501. (1000)

CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry
See Elmer Roberts.

CARNAHAN, DAVID HOBART, Ph.D.

Professor of Romance Languages and Head
of the Department

BOOKS:

With A. G. Bovée:
New French review grammar. (Rev. ed.).
D. C. Heath and Co., Boston, 1935. xi +
222 pp.

CARO, MARCUS RAYNER, B.S., M.D.

Associate in Dermatology

ARTICLES:

With Dr. E. P. Zeisler:
Necrobiosis lipoidica diabetorum. *Arch. Derm. Syph.*, 30:796.

CARTER, HERBERT EDMUND, Ph.D.

Associate in Chemistry

ARTICLES:

The metabolism of norleucine, isoleucine,
and valine. I. Synthesis of some phenyl
derivatives. *J. Biol. Chem.*, 108:619-32.
(4500)

CASBERG, CARL HERBERT, B.S., M.E.

Professor of Mechanical Engineering

ARTICLES:

Laboratory procedure in teaching machine
production. *J. Eng. Educ.*, 25:6:419-25.
(4000)

CASE, HAROLD CLAYTON M., Ph.D.

Professor of Agricultural Economics and
Head of the Department

ARTICLES:

Farm debt adjustments. *J. Farm Econ.*, 17:
2:290-306. (5500)

Farm debt adjustments. *Proc. West. Farm
Econ. Assoc.*, June, 1934. (3150)

Value of Illinois farm land. *J. Amer. Instit.
Real Estate Appraisers*, 2:4:336-41.

With K. H. Myers:

Types of farming in Illinois. *Ill. Agr. Exp.
Sta. Bul.* 403. (31,000)

CHANLER, JOSEPHINE HUGHES, Ph.D.

Assistant in Mathematics

ARTICLES:

Poristic double binary forms. *Amer. J.
Math.*, 56:4:529-46. (6200)

See also A. B. Coble.

CLARK, ALFRED, M.S.

Assistant in Chemistry

See W. H. Rodebush.

CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Chemistry

ARTICLES:

The principles of crystal growth. *Symposia
on Quantitative Biology* (Biol. Lab., Cold
Spring Harbor), 2:6-14. (3000)

The macromolecule and the micelle as struc-
tural units in biological materials with
special reference to cellulose. *Ibid.*, 2:
28-38. (4000)

The effects of X-radiation on cell structure
and growth—a general survey of radiology.
Ibid., 2:249-63. *The Collecting Net* (Mar-
ine Biol. Lab., Woods Hole), 9:165-74;
208-10. (6000)

X-ray research in the glass industry. *Cer.
Ind.*, 23:6:324-25. (750)

X-ray is answering the question "what is
glass." *Ibid.*, 24:1:34-38. (1500)

X-rays—what should we know about them?
Elec. Eng., 51:1:3-14. *Monograph, Science
Series for Engineers*, pp. 85-96. (6000)

The contributions to radiology of Professor
William Duane. *Radiology*, 24:4:499-500.
(1200)

With W. J. Warren and W. H. Smith:

X-ray diffraction studies of the Bureau of
Standards rubber fractions. *Science*, 79:
2054:433-34. (500)

With W. A. Sisson:

Fluting in annealed sheet steel and its elim-
ination. *Metals and Alloys*, 5:5:103-05.
(2000)

With C. O. Werner:

The crystal structure of the silver nitrate-
urea addition compound. *Zeit. Kristallo-
graphic*, 88:5:162-72. (3000)

With S. L. Tuckey and H. A. Ruehe:

The application of X-rays to research in
dairy technology. *Mo. Bul. Agr. Sci.
Pract., Internat. Instit. Agr.*, Rome, 1934:
7:317-24. *J. Dairy Sci.*, 17:9:587-94. (2000)

Application des rayons X aux recherches de
technologie laitière. *Le Lait*, 14:139:942-
50. (2000)

With F. O. Schmitt and J. N. Mrgudich:

X-ray diffraction studies on nerve. *Science*,
80:2085:567-68. (1000)

With E. Girden and E. A. K. Culler:

Auditory effects of roentgen rays in dogs.
II. *Amer. J. Roentgen. Radium Ther.*,
32:5:675-79. (1800)

With R. R. Sterrett and P. W. Leppa:

X-ray diffraction studies of built-up films of
long-chain compounds. *J.A.C.S.*, 57:2:330-
31. (1100)

REVIEWS:

The significant rôle of the atom in cancer
therapy. Review of *Radium and Cancer*,
by H. S. Souttar. *Nature*, 134:3395:791-92.
(1000)

COBLE, ARTHUR BYRON, Ph.D., LL.D.
Professor of Mathematics and Head of the
Department

ARTICLES:

Cremona's diophantine equations. *Amer. J. Math.*, 56:4:459-89. (17,000)

The geometry of the Weddle manifold *Wp. Bul. Amer. Math. Soc.*, 41:4:209-22. (6000)

With Josephine H. Chanler:

The geometry of the Weddle manifold *Wp. Amer. J. Math.*, 57:2:183-218. (20,000)

COLBY, ARTHUR SAMUEL, Ph.D.
Professor of Pomology

ARTICLES:

Size inheritance in gooseberry fruits. *Proc. Amer. Soc. Hort. Sci.*, 30:105-07. (700)

Inheritance of gooseberry leaf infection. *Ibid.*, 32:397-99. (500)

With H. W. Anderson and W. P. Flint:

Bramble fruits. *Ill. Agr. Exp. Sta. Circ.* 427. Part I. (11,000)

COLE, ARTHUR GIDEON, Ph.D.
Assistant Professor of Physiological Chemistry

REVIEWS:

Einführung in Geist und Studium der Medizin, by Georg B. Gruber. *J.A.M.A.*, 102:957. (200)

The lyophilic colloids (their theory and practice), by Martin H. Fischer and Marian O. Hooker. *Ibid.*, 102:1636. (250)

Electrokinetic phenomena and their application to biology and medicine, by Harold A. Abramson. *Ibid.*, 103:942. (250)

The chemistry of antigens and antibodies, by J. R. Marrack. *Arch. Path.*, 17:872. (250)

COLLINS, WILLIAM LEIGHTON, M.S.
Instructor in Theoretical and Applied Mechanics

See J. O. Draffin.

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BOOKS:

Elements of marketing. (Rev. ed.). Prentice-Hall, N.Y., 1935. 1106 pp.

ARTICLES:

The work of a college professor. *J. Higher Educ.*, 5:6:299-304. (3000)

Buying habits in the home. *Adv. and Selling*, 23:4. (2400)

Lower prices expected. *Associated Press Release*, Feb. 28, 1935. (750)

Your credit rating. *North. Ind. Autom. Maint. News*, 2:1. (300)

REVIEWS:

Trade associations—management, policies, organization, personnel, and services, by W. J. Donald. *J. Business*, 8:3:277-78. (700)

COPLEY, MICHAEL JOSEPH, Ph.D.
Associate in Chemistry

BOOKS:

See L. F. Audrieth.

ARTICLES:

With T. E. Phipps:

Reflection coefficient of electrons. *Phys. Rev.*, 46:2:144-45. (700)

CRANDELL, JOHN STANLEY, B.S., C.E.
Professor of Highway Engineering

ARTICLES:

Skid resistance. *Proc. 14th An. Meet. Highway Res. Bd.*, Part I, p. 220. (560)

Toward better bituminous roads. *Eng. News-Rec.*, 113:21:658-61. (6000)

Use what you have. *Better Roads*, 5:1:17-20. (3700)

Asphaltic joint fillers. *Proc. Assoc. Asphalt Paving Tech.*, 1935, pp. 1-7. (2100)

CRAWFORD, CHALMERS WOODRUFF, B.S., Associate in Animal Husbandry
See J. L. Edmonds.

CROSS, HARDY, A.B., B.S., M.C.E., D.Sc.
Professor of Structural Engineering

ARTICLES:

Common sense in structural design. *Civ. Eng.*, 5:4:213-14. (1500)

Why continuous frames? *J. Amer. Concr. Instit.*, 6:4. (4000)

After college—what? *Hampden-Sydney Student Weekly*, Mar. 25, 1935. (2000)

Thinking in wonderland. *Technograph*, Apr., 1935. (1500)

CULLER, ELMER AUGUSTIN KURTZ, Ph.D., Associate Professor of Psychology

ARTICLES:

With F. A. Mettler:

Conditioned behavior in a decorticate dog. *J. Comp. Psych.*, 18:291-303.

Action of drugs on the chronic decorticated preparation. *J. Pharm. Exp. Ther.*, 52:366-77.

With Glen Finch:

Effects of protracted exposure to a loud tone. *Science*, 80:41-42.

Higher order conditioning with constant motivation. *Amer. J. Psych.*, 46:596-602.

With Glen Finch and Edward Girden:

Apparatus for motor conditioning in cats. *Science*, 79:525-26.

Function of the round window in hearing. *Amer. J. Physiol.*, 111:416-25.

With F. A. Mettler, Glen Finch, and Edward Girden:

Acoustic value of the several components of the auditory pathway. *Brain*, 57:475-82.

With Glen Finch, Edward Girden, and W. Brogden:

Measurements of acuity by the conditioned-response technique. *J. Gen. Psych.*, 12:223-27.

See also G. L. Clark.

DALITSCH, WALTER WILLIAM, B.S., D.D.S., M.D.
Associate in Medicine and Health Officer

ARTICLES:

The influence of fuso-spirillar infection on thrombocytopenic purpura. *Med. Clin. N. Amer.*, 17:6:1677-89. (4500)

Vincent's stomatitis and related infections. *J. Amer. Dent. Assoc.*, 21:7. (2400)

Dental extractions in hemophilia. *Ibid.*, 21:10. (4700)

With others:

Principles of medicine (report of sub-committee). Chapter 30 of *A Course of Study in Dentistry*, Amer. Assoc. of Dental Schools, Chicago, 1935, pp. 302-06.

DAVIS, DAVID JOHN, M.D., Ph.D.
Professor of Pathology, Head of the Department of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine.

ARTICLES:

Human animal diseases. *Sci. Mo.*, 39:62.
The medical college and preventive medicine. *Ill. Health Messenger*, 7:43.

The unity of human and veterinary medicine. *Proc. 38th An. Meet. U. S. Live Stock Sanitary Assoc.*

With I. Pilot:

Rheumatic diseases and sore throat with special reference to hemolytic streptococci. *Ill. Med. J.*, 65:529.

DAWSON, WALKER MYRICK, Ph.D.

Assistant in Animal Husbandry
See *Elmer Roberts*.

DECKER, SAMUEL WESLEY, M.S.

Associate in Fruit and Vegetable Marketing

ARTICLES:

Moisture in relation to the rooting of cuttings. *Proc. Amer. Soc. Hort. Sci.*, 30: 596-97. (900)

See also *J. W. Lloyd and F. F. Weinard*.

DELL, GEORGE HARPER, M.S., C.E.

Associate in Civil Engineering

ARTICLES:

The adjustment of a level net. *Proc. A.S.C.E.*, 61:4:449-67. (8500)

DE TURK, ERNEST E., Ph.D.

Professor of Soil Technology

ARTICLES:

Cyril George Hopkins—biographical sketch. *Dict. Amer. Biog.*, 9:207. (600)

DIAMOND, ISADORE BERNHARD, M.D.

Assistant Professor of Neuropsychiatry

ARTICLES:

Encephalomalacia in infants (Virchow's interstitial encephalitis). *Arch. Neurol. Psych.*, 31:1153-64.

Leukemic changes in the brain—a report of fourteen cases. *Ibid.*, 32:118-42.

DICKINSON, BURRUS, Ph.D.

Associate in Journalism

ARTICLES:

Facts and figures. *Amer. Press*, 52:12:7. (800)

DOLAND, JAMES JOSEPH, M.S., C.E.

Professor of Civil Engineering

ARTICLES:

Flow over rounded crests—a new formula offered. *Eng. News-Rec.*, 114:16:551. (1000)

Bridges in legend and story. *Technograph*, 49:1:6-7. (2000)

DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

ARTICLES:

The efficiency of primers in teaching work recognition. *J. Educ. Res.*, 28:4:271-75. (2200)

Memorizing is not reading. *Elem. Engl. Rev.*, 11:8:220-21. (1000)

DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

ARTICLES:

The effect of moisture extremes upon fruit trees. *Trans. Ill. Hort. Soc.*, 68:437-48.

Ice formation in the fruit bud of the peach. *Proc. Amer. Soc. Hort. Sci.*, 31:22-27. (Suppl. vol.)

With R. L. McMunn:

Investigations on delayed harvesting of Elberta peaches. *Trans. Ill. Hort. Soc.*, 68: 491-502. (3200)

A seven-years study of the fruit bud level in Elberta. *Proc. Amer. Soc. Hort. Sci.*, 30:176-79. (1800)

Fruit-seed dimensions in Elberta. *Ibid.*, 30: 192-94. (1200)

Seven years' results of the hardness of Elberta fruit buds in a fertilizer experiment. *Ibid.*, 32:239-43. (1800)

The volume increase in Elberta during the harvesting period. *Ibid.*, 32:287-90. (1800)

DRAFFIN, JASPER OWEN, M.S.

Professor of Theoretical and Applied Mechanics

BOOKS:

With *W. L. Collins*:

Elementary applied mechanics (statics). Mimco., Urbana, 1934. 94 pp.

ARTICLES:

Function of the testing laboratory in teaching resistance of materials. *J. Eng. Educ.*, 23:9:681-85. (2000)

The march of progress (History of site of Tucker Toll Bridge over Connecticut River). *Civil Engineering*, Aug., 1934, pp. 329. (1200)

REVIEWS:

Discharge formula and tables for sharp-crested suppressed weirs, by C. G. Cline. *Proc. A.S.C.E.*, 60:5:766-67. (550)

DUNBAR, LOUISE BURNHAM, Ph.D.

Assistant Professor of History

ARTICLES:

Recent silver agitation recalls U. S. monetary history in last decades of nineteenth century. *Daily Illini*, 58:210-14. (950)

History by mail. *Ill. Alumni News*, Jan., 1935, p. 125. (1220)

DUNGAN, GEORGE HARLAN, Ph.D.

Associate Professor of Crop Production

ARTICLES:

Losses to the corn crop caused by leaf injury. *Plant Physiology*, 9:749-66. (6650)

With *J. R. Holbert, W. J. Mumm, J. H. Bigger, and A. L. Lang*:

Illinois corn performance tests results for 1934. *Ill. Agr. Exp. Sta. Bul.* 411:55-88. (7700)

See also *W. P. Flint*.

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Assistant in Physics

See *J. H. Bartlett, Jr.*

DUNNINGTON, GUY WALDO, A.M.

Assistant in German

ARTICLES:

The historical significance of Carl Friedrich Gauss in mathematics and some aspects of his work. *Math. News Letter*, 8:8:175-79. (2400)

DUNNINGTON, G. W.—Articles (*continued*)

Ludwig Schlesinger. *Scripta mathematica*, 3:1:67-68. (900)

Gauss, his *Disquisitiones arithmeticae*, and his contemporaries in the *Institut de France*. *Nat. Math. Mag.*, 9:7:187-92. (3720)

With R. C. Archibald:

Gauss' *Disquisitiones arithmeticae* and the French Academy of Sciences. *Scripta mathematica*, 3:2:193-96. (2000)

DYNIWICZ, JOSEPHINE MARION, Ph.C.
Assistant in Pharmacology, Materia Medica, and Therapeutics

See Bernard Fantus.

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See C. S. Marvel.

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Professor of Horse Husbandry

ARTICLES:

With C. W. Crawford:

The farm horse, its feeding, care, and breeding. *Ill. Agr. Exp. Sta. Circ.* 424:2-37. (9000)

ELHARDT, WALTER PHILLIP, Ph.D.
Instructor in Physiology

ARTICLES:

With O. S. Orth:

The effect of ultra-violet irradiation on the anesthetizing power of methyl and ethyl alcohols. *Anesthesia and Analgesia*, 14:1. (3000)

ENGER, MELVIN LORENIUS, M.S., C.E.
Dean of the College of Engineering, Director of the Engineering Experiment Station, and Professor of Mechanics and Hydraulics

ARTICLES:

The engineers' council for professional development. *Ill. Engineer*, 11:3:1-3. (1200)

Graduate study in engineering. *Armour Engineer*, 26:4:9-11. (1000)

Abstract of paper on code of fair competition for the commercial testing laboratory industry. *Proc. 48th An. Cong. Assoc. Land Grant Colleges and Universities*, Apr., 1935, pp. 193-95. (1000)

ENGLIS, DUANE TAYLOR, Ph.D.
Assistant Professor of Chemistry

ARTICLES:

Sweets from artichokes. *Ill. Chem. Teacher*, 2:1-6. (3000)

With H. E. Harrison:

The occurrence of a pectin material in artichoke sirup. *Trans. Ill. Acad. Sci.*, 27:73. (500)

With J. O. Page:

The effect of potassium cyanide upon amylase activity. *Ibid.*, 27:74. (500)

With R. A. Stegeman:

The use of ceric sulfate for the determination of cuprous oxide obtained by the action of reducing sugars on Fehling's solution. *Ibid.*, 27:75-76. (500)

ERICKSON, EDGAR L., Ph.D.
Associate in History

ARTICLES:

The introduction of East Indian Coolies into the British West Indies. *J. Mod. Hist.*, 6:2:127-46. (7000)

EWERT EARL ERNST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

EWING, PAUL LEON, Ph.D.

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ARTICLES:

The effect of ultraviolet light on some sympathomimetic substances. *J. Lab. Clin. Med.*, 20:16-33. (8000)

FABRICANT, NOAH DANIEL, B.S., M.D.

Instructor in Laryngology, Rhinology, and Otolaryngology

See F. L. Lederer.

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Research Assistant Professor of Mechanical Engineering

See A. P. Kratz.

FAIRLIE, JOHN ARCHBALD, Ph.D.

Professor of Political Science

ARTICLES:

Foreword and introduction to articles on township and county government. *Nat. Munic. Rev.*, 23:137. (300)

The county commission form of government in Illinois; county and township organization. *Belleville News-Democrat*, June 2 and October 29, 1934. (1600)

Governmental planning in Illinois. *Report of Ill. State Planning Commission*.

Yesterday, today, and tomorrow (Twenty years of the Illinois Municipal League). *Ill. Munic. Rev.*, Dec., 1934. (1800)

Public administration and administrative law. In *Essays on the Law and Practice of Governmental Administration*. (9000)

Has the constitution gone? *Champaign News-Gazette*, April 24, 1934.

With others:

University training for the public service. *Univ. of Ill. Bul.* 32:7. (4000)

REVIEWS:

Law and the social order, by Morris R. Cohen; Curzon, the last phase, by Harold Nicholson; The Encyclopedia of the Social Sciences; book notices. *Amer. Pol. Sci. Rev.*, vol. 28, pp. 333, 517, 714, 1119; vol. 29, pp. 286, 324. (total words 2750)

FALLS, FREDERICK HOWARD, M.S., M.D.

Professor of Obstetrics and Gynecology and Head of the Department

ARTICLES:

A critical study of five hundred cases of eclamptogenic toxemia. *Amer. J. Obstet. and Gyn.*, 29:3:316. (3000)

With Leon Krohn and J. E. Lackner:

On the use of lutein hormone progestin, in threatened and habitual abortion. *Ibid.*, 29:2:198. (2300)

FANTUS, BERNARD, M.S., M.D.

Professor of Therapeutics

BOOKS:

The 1934 book on general therapeutics. Year Book Pub., Chicago. 1934. 440 pp.

Therapeutics, Vol. VIII of the George Blumer Series. D. Appleton and Co., N.Y. 42 pp.

Dextrose intravenously. *Amer. Hosp. Supply Corp.*, Chicago. 27 pp.

ARTICLES:

Sections on Therapy in *Merck's Manual*. (6th ed.) Merck and Co., Rahway, N.J., 1934. 1200 pp.

Therapy of insomnia. *J.A.M.A.*, 102:22: 1846-48. (2600)

Therapy of amebiasis. *Ibid.*, 102:23:1940-41. (1400)

Therapy of tetanus. *Ibid.*, 102:24:2021-22. (1500)

Therapy of rheumatic fever. *Ibid.*, 102:25: 2100-01. (1800)

Prescribing of dextrose phleboclysis. *Ibid.*, 102:26:2165-70. (5300)

Therapy of conjunctivitis. *Ibid.*, 103:1:25-27. (2600)

Therapy of fresh accidental wounds. *Ibid.*, 103:2:108-09. (1250)

Therapy of erysipelas. *Ibid.*, 103:3:183. (600)

Therapy of furunculosis. *Ibid.*, 103:6:411-12. (1200)

Fever regimen. *Ibid.*, 103:7:484-91. (9200)

Therapy of barbiturate poisoning. *Ibid.*, 103:10:749-50. (1100)

Therapy of mycoses. *Ibid.*, 103:11:832-34. (2500)

Therapy of anthrax. *Ibid.*, 103:12:915-16. (600)

Therapy of disturbances due to heat. *Ibid.*, 103:13:990-91. (2300)

Therapy of carbuncle. *Ibid.*, 103:14:1066-67. (600)

Therapy of eczema. *Ibid.*, 103:17:1305-08. (2800)

Therapy of burns. *Ibid.*, 103:19:1446-47. (1400)

Therapy of glaucoma. *Ibid.*, 103:20:1537-39. (2400)

Therapy of chancroid and bubo. *Ibid.*, 103: 24:1853-54. (2200)

Therapy of pain. *Ibid.*, 103:25:1939-44. (6500)

Therapy of bedsores. *Ibid.*, 104:1:46-48. (2250)

Therapy of ulcer. *Ibid.*, 104:4:309-14. (5300)

Therapy of trichiniasis. *Ibid.*, 104:6:472-73. (1300)

Therapy of varicose veins and ulcers. *Ibid.*, 104:7:559-61. (3300)

Therapy of acne and acne rosacea. *Ibid.*, 104:8:639-41. (2400)

Therapy of fusospirochetosis. *Ibid.*, 114:9: 741-42. (1250)

Therapy of arterial thrombosis of the extremities. *Ibid.*, 104:14:1229-32. (3550)

Therapy of eclampsia. *Ibid.*, 104:16:1411-13. (2650)

Unemployability—a medical problem. *New Humanist*, 8:2:54-59. (2340)

Emergency alimentation. *Amer. J. Nursing*, 35:1:51-54. (2150)

What to do and what not to do for fever. *Hygeia*, 13:3:259-60. (1000)

With H. A. Dyniewicz and J. M. Dyniewicz:

Vehicles for medicines. 6. Syrup of cinnamon. *J. Amer. Pharm. Assoc.*, 23:7:698-701. (1025)

Articles (continued)

Vehicles for medicines. 7. Aromatic syrup of acacia. *Ibid.*, 23:8:812-13. (533)

Vehicles for medicines. 8. Glycyrrhiza vehicle. *Ibid.*, 23:9:915-26. (4450)

Vehicles for medicines. 9. Fruit syrups. *Ibid.*, 24:1:46-50. (1600)

FAYE, CHRISTOPHER URDAHL, A.M., M.S., Cataloger, Library

ARTICLES:

A Bible exhibit at the University of Illinois library. Univ. of Ill. Press, Urbana, 1934. 8 pp. (3700)

FELDMAN, LOUIS, B.S., M.D.

Associate in Medicine

ARTICLES:

Sino-auricular block and ventricular escape in a case of syphilitic heart disease with bundle branch block. Vagus overactivity on the sinus node demonstrated. *Med. Clin. N. Amer.*, 18:5:1383-93. (2000)

With H. H. Hill:

The electrocardiogram of the normal heart in pregnancy. *Amer. Heart J.*, 10:1:110-17. (2500)

FERGUSON, MALCOLM STUART, A.M.

Assistant in Zoology

ARTICLES:

Three species of Eubranchipus new to Canada. *Can. Field Nat.*, 49:3:47-49. (1600)

Notes on the Arctic fairy shrimp, Branchinecta paludosa. *Ibid.*, 49:5:86-88. (1000)

FINCH, GLEN, A.M.

Research Assistant in Psychology

See E. A. Culler.

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See F. L. Ledcrer.

FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Associate Dean of the College of Liberal Arts and Sciences

ARTICLES:

Index making. Part 9, section 4, of *Practical Applications of the Punched Card Method in Colleges and Universities*. Columbia Univ. Press, N. Y., 1935.

REVIEWS:

Milton's use of Du Bartas, by G. C. Taylor. *J. Engl. Germ. Philol.*, 34:119-20. (400)

Milton's Anschauungens von Staat, Kirche, Toleranz, by Gertrud Hardeland. *Ibid.*, 34:120-21. (500)

FLINT, WESLEY PILLSBURY, B.S.

Chief Entomologist with rank of Professor

ARTICLES:

The chinch bug. *J. Econ. Ent.*, 28:2:333-41. (5000)

Codling moth control in southern Illinois in 1934. *Ibid.*, 68:460-72. (3100)

Chinch bug outlook. *Prairie Farmer Mag.*, Dec. 22, 1934. (500)

Diseased chinch bugs. *Ibid.*, June, 1934. (250)

The automobile and prairie wild life. *Ill. Nat. Hist. Surv. Biological Notes*, No. 3, July 20, 1934, reprint from *Trans. Ill. Acad. Sci.* (1500)

FLINT, W. P.—Articles (continued)

- Controlling insects in dairy plants. *Ill. Agr. Exp. Sta., Dept. Dairy Husb., Mimeo.*, Jan., 1935. 5 pp. (2500)
- Preview of barley crop. *Brewers' Tech. Rev.*, July, 1934. (500)
- Raising corn in spite of the chinch bug. *DeWitt Co. Farm Bureau Bul.*, Apr., 1935. (700)
- Chinch bug invasion of the corn belt states. *Great Lakes Banker*, 16:9:17, 21. (1200)
- The chinch bug outlook for 1935. *Ill. Farmers' Instit.*, Feb. 21, 1935. *I.A.A. Record*, 13:4:12-13. (1500)
- Codling moth control in badly infested midwest orchards. *Amer. Fruit Growers Mag.*, Feb., 1935. (1500)
- With M. D. Farrar and W. E. McCauley:
Chinch bug barriers and repellents. *J. Econ. Ent.*, 28:2:410-14. (3000)
- With S. C. Chandler, E. R. McGovran, and M. D. Farrar:
Progress in control of codling moth in 1934. *Trans. Ill. Hort. Soc.*, 68:153-76. (6000)
- With W. A. Ruth and H. W. Anderson:
The season of 1934. *Ibid.*, 68:52-53. (350)
- With S. C. Chandler:
Insect enemies of the peach in Illinois. *State Nat. Hist. Surv. Circ.* 26. 38 pp. (12,000)
- With H. W. Anderson:
Directions for spraying fruits in Illinois. *Ill. Agr. Exp. Sta. Circ.* 429:1-24. (8100)
- With G. H. Dungan and J. H. Bigger:
Fighting the chinch bug on Illinois farms. *Ibid.*, 43:1. 16 pp. (6000)
- With A. S. Colby and H. W. Anderson:
Bramble fruits. *Ibid.*, 42:7:65-72. (2400)

REVIEWS:

- The cockchafer beetle, its incidence and control, by H. W. Thompson. *Welsh J. Agr.*, 10:308-16. 2 figs. (250)

FLOM, GEORGE T., Ph.D.

Professor of Scandinavian Languages and English Philology

ARTICLES:

- Did Old Icelandic have vowel-harmony? *Studia Germanica*, 1934, pp. 45-48. (5350)

REVIEWS:

- Der Einfluss des nördlichen Dialektes im Mittelniederrhein auf die entstehende Hochsprache. Von Agnes Peitz. *J. Engl. Germ. Philol.*, 33:468-70. (1100)
- Linguistica. Selected papers in English, French, and German. By Otto Jespersen. *Ibid.*, 33:471-75. (2250)
- Die vorgeschichtliche Betonung der germanischen Substantiva und Adjektiva. Von Charles C. Becker. *Ibid.*, 33:488. (200)
- Udvalgte Afsnit af den indiske Sprogvidenskab og Runologi. Af J. H. Bredsdorff. *Ibid.*, 33:484. (400)
- Our forefathers: the Gothonic nations. By Gudmund Schutte. Vol. II. *Ibid.*, 33:571-76. (3000)
- Der Einfluss der neuen Welt auf den deutschen Wortschatz, 1492-1900. Von Philip M. Palmer. *Ibid.*, 33:590-91. (500)
- Lautlehre der ae. Hexameron-Homilie des Abtes Aelfric. Von Theodor Göhler. *Ibid.*, 33:599. (285)

Reviews (continued)

- Runekammen fra Setre. Av Magnus Olsen og Haakon Schetelig. *Ibid.*, 34:107-09. (1100)
- De germanska, anglo-frisiska och tyska runorna. De svenska runorna. Av Otto von Friesen. *Ibid.*, 34:109-11. (780)
- On the development of English verbs from Latin and French past participles. By Ole Reuter. *Ibid.*, 34:250-53. (1600)
- Beginning Norwegian: a grammar and reader. By Einar I. Haugen. *Ibid.*, 34:289-91. (700)

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ARTICLES:

- Histopathology of coloboma of the choroid and optic-nerve entrance. *Amer. J. Ophthalm.*, 17:12:1126-29. (3500)
- With S. Soskin:
The fundus oculi in diabetes mellitus. Reprinted from the *Trans. Amer. Acad. Ophthalm. Otolaryng.*, 1934, pp. 266-74. (3200)

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ARTICLES:

- With John W. Harned:
Aspirating catheter for the treatment of pulmonary suppuration. *Arch. Otolaryng.*, 18:819-23. (2000)

FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

ARTICLES:

- Cow inflation or profit? *Hoard's Dairyman*, 79:9:197. (1400)
- Greeting on fiftieth anniversary. *Ibid.*, 80:2:30. (600)
- Live stock feeding. *Southern Agriculturist*, 65:2. (1000)
- Starving good cows starves the dairyman. *Progressive Farmer*, 50:3:14. (1200)

FREEMAN, RUTH CRAWFORD, M.S.

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ARTICLES:

- With O. B. Ragins:
Clinical features of pulmonary tuberculosis. *Amer. Rev. of Tuberculosis*, 29:3. (2700)
- With Maurice Lewison and O. B. Ragins:
Tuberculoma of the brain. *Ann. Int. Med.*, 7:9. (2500)

FULLER, HARRY JAMES, Ph.D.

Associate in Botany

BOOKS:

- Laboratory Outlines for Botany.* Univ. of Ill., Mimeo., 1934. (10,000)

ARTICLES:

- Plant behavior. *J. Gen. Psych.*, 11:379-94. (6500)

FUSON, REYNOLD CLAYTON, Ph.D.
Professor of Organic Chemistry

Books:

With C. R. Noller (*Editor-in-Chief*), W. H. Carothers, L. F. Fieser, J. R. Johnson, and W. W. Hartman:

Organic syntheses, Vol. 15. John Wiley and Sons, N. Y., 1935. v + 104 pp.

ARTICLES:

The principle of vinylogy. *Chem. Rev.*, 16: 1-27. (10,800)

With B. A. Bull:

The haloform reaction. *Ibid.*, 15:275-309. (13,600)

With A. R. Gray:

The highly activated carbonyl group. Dimesityl tetraketone. *J.A.C.S.*, 56:1367-69. (1800)

With J. F. Matuszeski and A. R. Gray:

The highly activated carbonyl group. Dimesityl triketone. *Ibid.*, 56:2099-3001. (2500)

With Robert Johnson:

The haloform reaction. XIII. Trihalomethylketonic acids of the mesitylene series. *Ibid.*, 56:1417-19. (2500)

With C. W. Tullock:

The haloform reaction. XIV. An improved iodoform test. *Ibid.*, 56:1638-40. (2500)

With H. H. Weinstock, Jr.:

The reversibility of the Friedel-Crafts reaction. The interconversion of alpha-(benzohydril)-pina-colones. *Ibid.*, 56:1241-42. (1200)

With C. F. Woodward and G. T. Borchardt:

The reversibility of the Friedel-Crafts condensation. The benzal- and dibenzalacetones. *Ibid.*, 56:2103-05. (3000)

With M. W. Farlow:

The action of zinc on 1,4-dibromo-1,4-dibenzoylbutane. *Ibid.*, 56:2103-05. (2500)

With Ellsworth Ellingboe:

The 1,2-dibenzoylcyclobutanes. *Ibid.*, 56:1774-77. (3500)

The action of phenylmagnesium bromide on the anhydride and the phenylimide of 1,2-cyclobutanedicarboxylic acid. *Ibid.*, 56:1777-79. (2500)

With B. A. Bull and W. E. Ross:

The haloform reaction. XV. Stepwise halogenation. *Ibid.*, 57:764-65. (2000)

GARNER, JAMES WILFORD, Ph.D., LL.D., Litt.D., Professor of Political Science and Head of the Department

ARTICLES:

The doctrine of the Thalweg as a rule of international law. *Amer. J. Internat. Law*, 29:309-10. (500)

Académie de droit international, recueil des cours. *Ibid.*, 29:346-50. (1200)

Notes on decisions, awards, and opinions. *Brit. Year Book of Internat. Law*, 15:152-59; 164-71. (4000)

REVIEWS:

The Hague Court reports, by J. B. Scott. *Ill. Law Rev.*, 28:724-25. (250)

World Court reports, by M. O. Hudson. *Amer. Pol. Sci. Rev.*, 29:334-35. (250)

GASUL, BENJAMIN MORRIS, B.S., M.D.
Associate in Pediatrics

ARTICLES:

With P. S. Rhoads:

Convalescent scarlet fever serum and commercial antitoxin. *J.A.M.A.*, 102:2005-08.

Dick test and blood agar cultures as aids in diagnosis of scarlet fever. *Amer. J. Dis. Child.*, 49:603-10.

See also H. G. Poncher.

GEISSENDOERFER, JOHN T., Ph.D.
Assistant Professor of German

REVIEWS:

Wilhelm Diltheys, *Gessamelte Werke*. VII. Der Aufbau der geschichtlichen Welt in den Geisteswissenschaften. *J. Engl. Germ. Philol.*, 33:4:580-84. (1800)

Wilhelm Diltheys, *Gessamelte Werke*. VIII. Weltanschauungslehre. *Abhandlungen zur Philosophie der Philosophie*. *Ibid.*, 34:1:136-41. (2250)

Johann Bernhard Hermann. Briefe an Albrecht Otto und Jean Paul. Herausgegeben von Kurt Schreinert. *Ibid.*, 34:1:141. (450)

GELLHORN, ERNST, M.D., Ph.D.
Professor of Physiology

ARTICLES:

The influence of parathormone on the neuromuscular system: an experimental analysis. *Amer. J. Physiol.*, 111:2:466-76. (4300)

With D. Northup:

Relation between circulatory rate and absorption in the gut. *Ibid.*, 108:2:469-75. (2640)

With L. F. Moldavsky:

The effect of pH on the absorption of sugars. *Ibid.*, 109:4:638-43. (2540)

Observations on the Hofmeister series in smooth muscle. *Protoplasma*, 21:2:270-78. (2400)

With Irwin Spiesman:

Influence of variations of O₂ and CO₂ tension in inspired air upon hearing. *Proc. Soc. Exp. Biol. Med.*, 32:46-47. (550)

With Irwin Spiesman and L. F. M. Storm:

Influence of variations of O₂ and CO₂ tension in inspired air upon after-images. *Ibid.*, 32:47-48. (530)

GERNON, JOHN TALBOT, B.S., M.D.
Instructor in Surgery
See R. D. Herrold.

GETTMANN, ROYAL A., A.M.
Assistant in English
See B. L. Jefferson.

GETZ, CHARLES ALBERT, M.S.
Assistant in Chemistry

See J. E. Giescking and G. F. Smith.

GIESEKING, JOHN ELDON, Ph.D.
Associate in Soil Survey

ARTICLES:

With H. J. Snider and C. A. Getz:

Destruction of organic matter in plant material by the use of nitric and perchloric acids. *Ind. Eng. Chem.*, 7:185. (1700)

GLENN, SIDNEY ERWIN, Ph.D.
Assistant Professor of English
See B. L. Jefferson.

GOBLE, GEORGE WASHINGTON, A.B.,
LL.B., Professor of Law

ARTICLES:

Mortgages and mutual insurance. *J. Amer. Ins.*, June, 1934, pp. 11-13. (2500)

Liability of a mortgagee for premiums and assessments under a standard mortgage clause. *Ibid.*, Feb. 1935, pp. 13-16, 23-28. (12,000)

The new insurance code. *Decatur Herald, East St. Louis Journal*, and *Urbana Courier*, Feb. 28, 1935. (3250)

The regulation of insurance companies in a period of emergency. (The Insurance Advisory Council). *Proc. Amer. Assoc. Univ. Teachers of Ins.*, 1934, pp. 29-36. (4000)

Law as a science. Reprinted in Gavitt's Introduction to *The Law and Judicial Process*, 1934, pp. 42-53. (9000)

GOLDBERG, BENJAMIN, M.D.
Associate Professor of Medicine

ARTICLES:

Thyroid and tuberculosis. Chapter in *Clinical Tuberculosis*. F. A. Davis Co., Phila., 1935.

Bulletin Chicago Medical Society, 37:41: 625-30.

GOLDMAN, MARCUS SELDEN, Ph.D.
Associate in English

BOOKS:

Sir Philip Sidney and the Arcadia. *Ill. Studies in Lang. and Lit.*, 17:1-2:1-236. Univ. of Ill. Press, Urbana, 1934. 236 pp.

ARTICLES:

The co-ed and culture. *The Hellenist*, 1:1: 3-4. Reprinted from *The Eleusis of Chi Omega*, 35:3:344-50. (2000)

GRAHAM, WALTER JAMES, Ph.D.
Professor of English

ARTICLES:

Defoe's *Review* and Steele's *Tatler*—the question of influence. *J. Engl. Germ. Philol.*, 33:3:250-54. (1300)

Some new views of Browning. *Eleusis*, 37: 1:54-61. (1250)

GREEN, FREDERICK, A.M., LL.B.
Professor of Law

ARTICLES:

Enforceability of gold bonds. *Ill. Bar J.*, 23:2:54-59. (3700)

GRIFFITH, COLEMAN ROBERTS, Ph.D.
Professor of Education and Director of the Bureau of Institutional Research

BOOKS:

An introduction to applied psychology. Macmillan Co., N. Y., 1934. xv + 679 pp.

An introduction to educational psychology. Farrar and Rinehart, N. Y., 1935. xiv + 754 pp.

ARTICLES:

The dollar sign in education. *Rpt. 2d An. Conf. on Major Problems*, Chicago Tribune Press, 1934, pp. 53-61. (4500)

GRING, JOHN LUKINS, M.S.
Assistant in Chemistry
See G. F. Smith.

GULBRANDSEN, LARS FREMAN, M.D.
Assistant in Pediatrics

ARTICLES:

Treatment of chronic typhoid carriers. *Ill. Med. J.*, 67:3. (3000)

Invasion of body tissues by orally ingested bacteria and the defensive mechanism of the gastro-intestinal tract. (Abstract). *Proc. Instit. Med. Chicago*, 10:13:250-51. (1000)

GULLETTE, CAMERON CHARLES, Ph.D.
Assistant Professor of Romance Languages

ARTICLES:

Fanluche. *French Rev.*, 8:2:93-107. (5500)

The Illinois modern language association—a report. *Mod. Lang. J.*, 19:4:304-05. (500)

REVIEWS:

Lecturas Escogidas, by Kasten and Neale-Silva. *Ibid.*, 19:6:478-79. (350)

The Cuthbertson verb wheels. *Ibid.*, 19:3: 238-39. (250)

Cuentos de Aca y Alla, by Gimeno. *Ibid.*, 19:4:318. (200)

Experiments in modern language teaching, by Coleman and others. *Italica*, 11:4:131-32. (500)

HACKETT, ROBERT PHILLIP, Ph.D.
Assistant Professor of Accountancy

ARTICLES:

The problem of special assessments. *Nat. Munic. Rev.*, 23:9:466-70. (3000)

HAGUE, STELLA M., Ph.D.
Instructor in Botany

ARTICLES:

Mosses from the Illinois Ozarks. *Trans. Ill. Acad. Sci.*, 27:2.

HALL, B. VINCENT, Ph.D.
Instructor in Zoology

ARTICLES:

The reactions of rat and mouse eggs to hydrogen ions. *Proc. Soc. Exp. Bio. Med.*, 32:747-48. (650)

HALL, STANLEY WILLIAM, B.S.
Associate Professor of Floriculture

ARTICLES:

Practical pointers and demonstrations feature Illinois short course. *Florists' Rev.*, 75: 194:11-18. (9000)

HALPER, PHILIP ALLEN, B.S., M.D.
Associate in Otolaryngology

BOOKS EDITED:

Rhinology section in *Review of Medical Progress*. F. A. Davis Co., Phila., 1934.

Sections in *Cyclopedia of Medicine*. F. A. Davis Co., Phila., 1935.

HALPERN, LOUIS JOSEPH, B.S., M.D.
Instructor in Pediatrics

ARTICLES:

The prevention of initial loss of weight in the newborn by the use of a hydrating solution. *J. Ped.*, 5:1:40-46.

HANFORD, WILLIAM EDWARD, Ph.D.
Fellow in Chemistry
See Roger Adams.

HARNED, JOHN W., B.S., M.D.
Instructor in Laryngology, Rhinology, and Otology
See Noah For.

HARNO, ALBERT JAMES, B.S., LL.B.,
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Law, and Professor of Law

ARTICLES:

- A better bar. *Reporter*, 19:18. (1000)
Medico-legal service in law enforcement.
Amer. Bar. Assoc. J., 20:6:326-27. (500)
Program on criminal law and its enforce-
ment. *Ibid.*, 20:8:465-67. (3000)
The problems of legal education and a better
bar. *Calif. Bar J.*, 9:8:196-98. (1600)
Legal medicine. *Miss. Law J.*, 7:2:121-33.
(5000)
Whither the law. *Ore. Law Rev.*, 14:1:
187-99. (5000)

REVIEWS:

- Possibilities and need for development of
legal medicine in the United States, by
Oscar T. Schultz; Medico-legal cases, ab-
stracts of court decisions of medico-legal
interest, 1926-1930, by William C. Wood-
ward (ed.); and Medico-legal and crim-
inological review, vol. I, part I, by Gerald
Slot and Everard Dickson. *Amer. Bar.
Assoc. J.*, 20:11:698. (600)
Criminal law, by Justin Miller. *Harvard
Law Rev.*, 48:5:870-71. (700)
Cases on evidence, by Edmund M. Morgan
and John MacArthur Maguire. *Yale Law
J.*, 44:6:1131-32. (800)

HARTLEY, MILES C., Ph.D.

Teacher of Mathematics in the University
High School

ARTICLES:

- Properties of algebraic, plane quintics which
are invariant under finite collineation
groups. *Tôhoku Math. J.*, 39:1:114-23.
(2000)

HARTUNG, ADOLPH, M.D.

Professor of Roentgenology

ARTICLES:

With T. J. Wachowski:

- A modified technique for suspected gall
bladder disease. *Ill. Med. J.*, Jan., 1935.
(3500)

HASSIN, GEORGE BORIS, M.D.

Professor of Neuropsychiatry

ARTICLES:

- Sclerotic atrophy of the cerebellum. *Arch.
Neurol. Psychiat.*, 31:6:1205-22.

With J. J. Thompson:

- Pupillotonia or tonic pupil; report of three
cases. *J. Nerv. Ment. Dis.*, 80:4:430-36.

With A. Ettleson:

- Paraplegia of pregnancy. *Arch. Neurol.
Psychiat.*, 32:6:1273-82.

REVIEWS:

- Zur Kenntniss der Hirnveränderungen bei
der normalen Altersinvolution, von Nils
Gellerstedt. *J.A.M.A.*, 103:2:131.
Diffuse sclerosis (encephalitis periaxialis dif-
fusa), by L. Bauman. *Ibid.*, 104:4:342.

HAYES, WILLIAM PATRICK, Ph.D.

Associate Professor of Entomology

ARTICLES:

- The distribution of *Trichobaris insolata*
Casey. *Bull. Brook Ent. Soc.*, 30:28. (150)
Biological races of insects and their bearing
on host plant resistance. *Ent. News*, 46:
20-23. (800)

HAYWARD, HAROLD NATHANIEL, M.S.
Associate in Electrical Engineering

ARTICLES:

- A multiple-speed standard for calibrating
hand tachometers. *Instruments*, 7:5:87-88.
(2100)

HEDGES, TRIMBLE RAYMOND, M.S.

Assistant in Farm Management

See P. E. Johnston.

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See Julia P. Outhouse.

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Associate in Machine Design

See H. F. Moore.

HERROLD, RUSSELL DORR, B.S., M.D.

Associate Professor of Surgery

ARTICLES:

- The treatment of gonorrhea—based on labo-
ratory observations during the course of
the disease. *J.A.M.A.*, 103:1821-25. (3600)

- Observations on the gonococcal action of
mallophone in urine. *J. Lab. Clin. Med.*,
20:1:53-55. (700)

With E. E. Ewert and J. T. Gernon:

- The treatment of gonorrhea with bacteriophag-
ic lysins. *Urol. Cutan. Rev.*, 38:11:
793-95. (1600)

- The use of acetylbetamethylcholine chloride
in the treatment of neurogenic bladder and
allied conditions. *Med. Rec.*, Feb. 6, 1935.
(1800)

HICK, FORD KIMMEL, M.S., M.D.

Associate in Medicine

ARTICLES:

With H. M. Mortimer:

- Carcinoma of the pancreas. *J. Lab. Clin.
Med.*, 19:10:1058. (3000)

HILL, CHESNEY, Ph.D.

Instructor in Political Science

BOOKS:

- The doctrine of *Rebus sic stantibus* in in-
ternational law. *Univ. of Mo. Studies*, 9:3.
Columbia, Mo., 1934. 93 pp.

HILL, HAROLD HERRIN, B.S., M.D.

Instructor in Obstetrics and Gynecology

See Louis Feldman.

HIRSCH, EDWIN WALTER, B.S., M.D.

Associate in Genito-Urinary Surgery

BOOKS:

- The power to love—a psychic and physio-
logical study of regeneration. Alfred A.
Knopf, N. Y., 1934. 400 pp.

HOELSCHER, RANDOLPH PHILIP, M.S.,
C.E.

Professor of General Engineering Drawing

BOOKS:

With A. B. Mays:

- Basic units in mechanical drawing, Book II.
John Wiley and Sons, N. Y., 1934. 277 pp.

ARTICLES:

- High school mechanical drawing. *Indus.
Arts. Voc. Educ.*, 24:2:46-49. (3860)

HOLMES, RALPH M., A.M.

Associate in Music

MUSICAL COMPOSITIONS:

Go to sleep, little baby. Arrangement for three-part chorus and piano. Raymond A. Hoffman Co., Chicago, 1934. 4 pp.

Ten miles away from home, by W. E. Harper. Arrangement for chorus. Raymond A. Hoffman Co., Chicago, 1934. 9 pp.

HOOD, MARION, A.M.

Instructor in Medicine

See H. G. Poncher.

HOPKINS, B. SMITH, Ph.D., D.Sc.

Professor of Inorganic Chemistry

ARTICLES:

Foreword to *Monograph on Lithium*, by Hans Osborg. Amer. Electrochem. Soc., 1935. (1100)

Recent advances in the chemistry of the rare earth group. Presidential address. *Trans. Ill. Acad. Sci.*, 27:5-17. (6000)

Europium, a rare member of the rare earth group. *Trans. Amer. Electrochem. Soc.*, 46:49-56. (2900)

With L. F. Audrieth:

Electrolysis of rare earth metal salts in non-aqueous solvents. *Ibid.*, 46:135-42. (2900)

With E. L. Meyers:

Observations on the rare earths. XLIII. The atomic weight of europium; the specific gravity of europium chloride. *J. Amer. Chem. Soc.*, 57:241-43. (2800)

HOSTETTER, MARIE MILLER, A.B., B.L.S.

Assistant Professor of Library Science

ARTICLES:

A book background to precede the high school curriculum: in the field of art. *Ill. Libraries*, 16:116-17, 122-26. (2850)

HOTTES, CHARLES FREDERICK, Ph.D.

Professor of Plant Physiology and Head of the Department of Botany

ARTICLES:

Changing emphasis in general botany and its significance. *Iowa State College J. Sci.*, 9:2:287-90.

HOVERSON, EMIL THEODORE, A.M.,

M.D.

Instructor in Pathology, Bacteriology, and Public Health

See W. F. Petersen.

HOWARD, WALDORF VIVIAN, Ph.D.

Associate Professor of Geology

ARTICLES:

Accumulation of oil and gas in limestone. Problems of Petroleum Geology. *Amer. Assoc. Petrol. Geol.*, pp. 365-75. (3600)

Fundamental research. Improved methods of exploring for and recovering petroleum in Illinois. *2d An. Conf. Ill. Ind. Petrol. Assoc.*, pp. 70-72. (1000)

HUELSTER, LAURA JEWEL, A.M.

Associate in Physical Education for Women

ARTICLES:

The teaching of soccer, in *Official Soccer Guide for Women and Girls*, Spaulding's *Athletic Handbook*, 116R:1934-35:19-24. (1800)

HUFF, GERALD BOONE, Ph.D.

Instructor in Physical Education for Men

ARTICLES:

A note on cremona transformations. *Proc. Nat. Acad. Sci.*, 20:7:428-30. (500)

HUNTER, MERLIN HAROLD, Ph.D.

Professor of Economics

ARTICLES:

Tragedy of political boundaries. *Kiwanis Mag.*, 19:7:302-03. (2000)

The federal budget. *Ill. J. Com.*, 17:2:9, 25, 27. (2000)

Federal finances. *Amer. Year Book*, 1934, pp. 171-78. (4500)

State finances. *Ibid.*, pp. 189-91. (2500)

Cities without municipal taxes. *Amer. City*, 49:5:53-54. (2500)

HUNTINGTON, WHITNEY CLARK, M.S.,

C.E., Professor of Civil Engineering and Head of the Department

ARTICLES:

Structural engineering. *Amer. Year Book*, 1934. (5000)

HYNEMAN, CHARLES S., Ph.D.

Assistant Professor of Political Science

BOOKS:

The first American neutrality. *Ill. Studies in Soc. Sci.*, 20:1-2. Urbana, 1935. 178 pp.

ARTICLES:

Problèmes constitutionnels posés par le "Recovery program." *Ann. Inst. Internat. Droit Public*, 1934, pp. 446-53. (2500)

Recent publications of political interest (compilation). *Amer. Pol. Sci. Rec.*, 28:3:553-75; 4:779-800; 5:973-92; 6:1142-62; 29:1:173-92; 2:343-76. (50,000)

INGRAHAM, RAYMOND CLIFFORD, Ph.D.

Instructor in Physiology

See M. B. Visscher.

JACKSON, CHESTER OSCAR, A.M.

Assistant Professor of Physical Education for Men

BOOKS:

Manual for student teachers in physical education. Univ. of Ill. Info. Office, mimeo., Urbana, 1935. 59 pp.

With M. M. Olander:

Manual of recreation and welfare. Owens-Illinois Glass Co., Toledo, Ohio, 1935. 200 pp.

ARTICLES:

With A. M. Smith:

Learning circus stunts in college. *Mod. Mech.*, 13:4:68-69, 118. (1000)

JAFFE, RICHARD HERMANN, M.S., M.D.

Professor of Pathology

BOOKS:

With D. R. Laing:

Changes of the digestive tract in uremia. *Arch. Int. Med.*, 53:851-64. (6000)

ARTICLES:

Pathogenesis of post primary progressive tuberculosis of the lungs. *Arch. Path.*, 18:712-30. (10,000)

REVIEWS:

The pathology of pneumoconiosis. *Ill. Med. J.*, Nov., 1934, pp. 1-18. (7000)

JEFFERSON, BERNARD LEVI, Ph.D.

Professor of English

ARTICLES:

With S. E. Glenn and R. A. Gettmann:

Freshman writing: September to February.
Engl. J. (College ed.), 24:1:28-38. (3500)

JEHLE, MIMI I., Ph.D.

Associate in German

ARTICLES:

Das moderne deutsch Kunstmärchen. *J. Engl. Germ. Philol.*, 33:3:452-61. (3900)

JENKINS, RICHARD LEOS, A.B., M.D.

Assistant Professor of Physiology and of Juvenile Behavior

ARTICLES:

Adoption practices and the physician.

J.A.M.A., 103:403-08. (5800)

Dissimilar identical twins. *Amer. J. Orthopsychiatry*, 5:1:39-42. (1500)

With Lutan Ackerson:

The behavior of encephalic children. *Ibid.*, 4:4:499-507. (3000)

With Esther Glickman:

Cerebral injury at birth to one of identical twins. Report of a case. *Amer. J. Dis. Child.*, 48:130-33. (1500)

JIRKA, FRANK JOSEPH, M.D.

Assistant Professor of Surgery

See J. M. Mora and C. S. Scuderi.

JOANNIDES, MINAS, M.S., M.D.

Associate in Surgery

ARTICLES:

Collapse therapy in pulmonary tuberculosis. *Ill. Med. J.*, Feb., 1935.

Acute primary diaphragmatitis (Hedblom's Syndrome). *Amer. J. Med. Sci.*, 4:189:566.

JOHNSON, CLARENCE A., Ph.D.

Associate in Physiological Chemistry

ARTICLES:

The peroxidase activity of hematin. *Arch. Pathol.*, 16:667-69. (900)

JOHNSON, ROBERT, M.S.

Assistant in Chemistry

See R. C. Fuson.

JOHNSON, SVEINBJORN, A.M., LL.B., LL.D.

University Counsel and Professor of Law

Books:

An appeal to reason. Civilian Mil. Educ. Fund, Washington, D. C., 1934. 14 pp.

Concerning courses of military instruction in land-grant colleges, petition, brief and argument of Amicus Curiae in the Supreme Court of the United States, in the case of Hamilton vs. the Regents of the University of California. Civilian Mil. Educ. Fund, Washington, D. C., 1934. vi + 56 pp.

REVIEWS:

Plans of corporate reorganization, by Philip M. Payne. *Georgetown Law J.*, 23:3:592-94. (900)

JOHNSTON, PAUL EVANS, Ph.D.

Associate Professor of Agricultural

Economics

ARTICLES:

Export and import movements of selected agricultural products, 1920-1936. Univ. of Ill. Dept. Agr. Econ., mimeo. (3200)

With R. S. Marsh:

Fruit and vegetable cost statement and farm business report on 29 Illinois farms. Ill. Agr. Exp. Sta. Dept. Agr. Econ. and Hort., mimeo. (7000)

With J. B. Andrews, T. R. Hedges, and others:

A series of 37 annual farm business reports for counties or groups of counties in Illinois. *Ibid.*, (150,000)

JOHNSTONE, HENRY FRASER, Ph.D.

Assistant Professor of Chemical Engineering

ARTICLES:

With P. W. Leppa:

The solubility of sulfur dioxide at low partial pressures. The ionization constant and heat of ionization of sulfurous acid. *J.A.C.S.*, 56:11:2233-38. (2500)

JUDSON, LYMAN SPICER, Ph.D.

Assistant Professor of English

ARTICLES:

With D. E. Rodden:

The fundamentals of the speaker-audience relationship. *Qt. J. Speech*, 20:3:351-64. (4500)

KADOW, KENNETH JOHN, Ph.D.

Associate Pathologist in Horticulture

ARTICLES:

Seed transmission of verticillium wilt of eggplants and tomatoes. *Phytopath.*, 24:1265-68.

Seed bed diseases and methods of controlling them. *4th An. Rpt. Ill. Veg. Growers Assoc.*, pp. 28-32.

Zinc sulfate as a fungicide and bactericide, together with its effect on peach growth and on peach spray injury. *Trans. Ill. Hort. Soc.*, 68:240-57.

The raspberry white-bud disease and its relation to bitter rot of apples. *Phytopath.*, 25:91-103.

Zinc sulfate as a fungicide and bactericide, together with its effect on peach growth and on peach spray injury. Doctor's thesis, Univ. of Ill., 1934.

With L. H. Shropshire:

Tomato diseases and insect pests—identification and control. *Ill. Agr. Exp. Sta. Circ.* 428. 36 pp.

See also W. A. Ruth and H. W. Anderson.

KAMPMEIER, OTTO FREDERIC, Ph.D., M.D., Professor of Anatomy and Head of the Department

Books:

A manual of instruction of human morphology. Part I. Edwards Bros., Ann Arbor, Mich., 1934. 48 pp.

ARTICLES:

On the pedagogic integration of the divisions of anatomy. *J. Assoc. Amer. Med. Coll.*, Mar., 1935. 12 pp.

KEETON, ROBERT WOOD, M.S., M.D.

Professor of Medicine and Head of the Department

ARTICLES:

Diets low in calories containing varying amounts of protein. Their effect on loss in weight and on the metabolic rate in obese patients. *Arch. Int. Med.*, 55:262-70. (2500)

KEETON, R. W.—Articles (*continued*)

Symptoms of pancreatic disease and the mechanism of their production. *Med. Clin. N. Amer.*, 18:82:1297-317. (6000)

KELLEY, VICTOR WENDELL, Ph.D.

Associate Professor of Horticulture

BOOKS:

Principles of tree and small fruit culture. (Rev. ed.). Daniels and Shoaff, Champaign, 1934. 213 pp.

ARTICLES:

The effect of pruning on growth and production of young apple trees. *Trans. Ill. Hort. Soc.*, 68:416-23.

Managing the soil of the fruit planting. *Ibid.*, 68:288-307.

A summary of good orchard practices. *Ibid.*, 68:314-26.

With M. D. Farrar:

The accumulative effect of oil sprays on apple trees. *J. Econ. Ent.*, 28:260-63.

KETCHUM, PIERCE WADDELL, Ph.D.

Associate in Mathematics

ARTICLES:

Expansions of two arbitrary analytic functions in a series of rational functions. *Ann. Math.*, 35:4:759-66. (3000)

KEYES, DONALD BABCOCK, Ph.D.

Professor of Chemical Engineering

ARTICLES:

The appraisal of a chemical invention. (2d ed.). Williams and Wilkins, Baltimore. (4000)

With F. T. Barr:

Equilibria in a chemical system: hydrogen sulfide-propylene-isopropyl mercaptan-n-propyl mercaptan. *Ind. Eng. Chem.*, 26: 1111-14. (4000)

With M. Gallagher:

The activities of ethylene and ethanol in sulfuric acid. *J.A.C.S.*, 56:2221-24. (2000)

KING, EVERETT EDGAR, M.S., M.C.E.

Professor of Railway Civil Engineering

ARTICLES:

Some aspects of the labor situation. *Tech-nograph*, 49:1:5,20. (1600)

KISTLER, SAMUEL S., Ph.D., Ch.E.

Assistant Professor of Chemical Engineering

ARTICLES:

Thermal conductivity of silica aerogel. *Ind. Eng. Chem.*, 26:658-62. (5000)

Residual water in activated silica gel. *Acta Physicochimica U.R.S.S.*, 1, 354-64. (3500)

The relation between heat conductivity and structure in silica aerogel. *J. Phys. Chem.*, 39:79-85. (2800)

Colloids, Chap. 5 of Vol. 9 of *Annual Survey of American Chemistry*. Reinhold Publishing Co., N. Y., 1935. 16 pp.

With Sherlock Swann and E. G. Appel:

Thoria aerogel catalyst: aliphatic esters to ketones. *Ind. Eng. Chem.*, 26:1014. (500)

REVIEWS:

Electrokinetic phenomena and their application to biology and medicine, by Harold A. Abramson. *Chem. Met. Eng.*, 41:600-01. (250)

KNEIER, CHARLES MAYARD, Ph.D.

Associate Professor of Political Science

BOOKS:

City government in the United States. Harpers, N. Y., 1934. 482 pp.

KNIPP, CHARLES TOBIAS, Ph.D.

Professor of Experimental Electricity

ARTICLES:

A compact vacuum gauge for measuring low pressures. *Trans. Ill. Acad. Sci.*, Dec., 1934.

Renewed activity of radium bromide after heating as revealed in a Wilson expansion chamber. *Ibid.*

Model of an electric cell simulating ion and electron flow. *Ibid.*

Recovery of activity after heating as revealed in a Wilson expansion chamber. *Phys. Rev.*, 45:2.

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Associate Chief in Crop Pathology

ARTICLES:

Pathologic significance of seed coat injury in dent corn. *Phytopath.*, 25:24. (200)

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ARTICLES:

The relation of anemia to surgical diseases of the gall bladder. *Amer. J. Dig. Dis. Nutr.*, 1:9:638.

KRAEHEBUEHL, JOHN OTTO, M.S., E.E.

Assistant Professor of Electrical Engineering

ARTICLES:

Interrelation of mechanical stress and dielectric strength in porcelain. *Rpt. Comm. Insulation, Nat. Res. Council*, 1934, p. 23. (1000)

With C. W. Parmelee:

Mechanical-electrical stress studies of porcelain insulator bodies. *Ill. Eng. Exp. Sta. Bul.* 273. (35,000)

KRASE, NORMAN WILLIAM, Ph.D.

Associate Professor of Chemical Engineering

ARTICLES:

High pressure technique. *Chem. Met. Eng.*, 41:5:265. (200)

REVIEWS:

The design and construction of high pressure chemical plant, by Harold Tongue. *Chem. and Met.*, 41:7:374. (200)

KRATZ, ALONZO PLUMSTEAD, M.S.

Research Professor of Mechanical Engineering

ARTICLES:

With A. C. Willard:

Research in heating, ventilating, and air conditioning. *Contrib. 2d An. Min. Ind. Conf., Ill. Geol. Surv.*, pp. 131-37. (3300)

With A. C. Willard and S. Konzo:

Investigation of warm air furnaces and heating systems. *Ill. Eng. Exp. Sta. Bul.*, 266. (35,000)

Factors affecting human comfort as related to certain aspects of heating and ventilation. *Sheet Metal Worker*, 25:4:150-53; 25:5:189-92; 25:6:229-37. (5700)

With M. K. Fahnestock and E. L. Broderick:

Factors affecting the heat output of convectors. Heating, piping, and air condition-

Articles (continued)

ing. *Amer. Soc. Heat. and Vent. Eng. J.* 6:7:307-15. (5000)

With M. K. Fahnestock and S. Konzo:

Study of unit room coolers in the research residence. *Ibid.*, 11:483-89. (5700)

The importance of good construction in improving the comfort and effectiveness of heating and cooling. *Contrib. 2d An. Min. Ind. Conf. Ill. Geol. Surv.*, pp. 39-53. (5000)

With S. Konzo, M. K. Fahnestock, and E. L. Broderick:

Study of summer cooling in the research residence for the summer of 1934.

Heating, piping, and air conditioning. *Amer. Soc. Heat. and Vent. Eng. J.*, 7:1:29-40. (8500)

KROHN, LEON, B.S., M.D.

Instructor in Obstetrics and Gynecology
See F. H. Falls.

KRUGER, PETER GERALD, Ph.D.

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ARTICLES:

Deepest terms in ions of the iso-electronic sequences Ni I to Kr IV and Pd I to Xe IX. *Phys. Rev.*, 46:124.

Ionization potentials in the iso-electronic sequence A I to Mn VIII. *Ibid.*, 46:336.

Hyperfine structure of Y II lines. *Ibid.*, 47.

Nuclear shells: angular and magnetic moments of nuclei. *Ibid.*, 47:605

KUDO, RICHARD ROKSABRO, D.Sc.

Assistant Professor of Zoology

Books:

Zoology 18—laboratory directions. (3d ed.). Univ. of Ill. Info. Office, Urbana. 33 pp.

ARTICLES:

Studies on some protozoan parasites of fishes of Illinois. *Ill. Biol. Monog.*, 13:1. 44 pp.

REVIEWS:

The biology of the protozoa, (2d ed.), by G. N. Calkins. *Tokio Med. J.*, 2879:44.

Travaux pratiques de parasitologie, (2d ed.), by E. Brumpt and M. Neven-Lemaire. *Ibid.*, 2904:30.

Précis de microscopie, (5th ed.), by M. Langeron. *Ibid.*

Coccidia and coccidiosis, by E. R. Becker. *Ibid.*, 2922:13.

Amebiasis and amebic dysentery, by C. F. Craig. *Ibid.*, 2923:20.

Cytological technique, by J. R. Baker. *Bot. and Zool.*, 3:5:108.

KUHLMAN, ALVIN FREDERICK, M.S.

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See W. B. Nevens.

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Professor of Mathematical Physics

ARTICLES:

The flow of liquids through submerged orifices. *Trans. Ill. Acad. Sci.*, 1934.

The present crisis in theoretical physics. *Ibid.*

REVIEWS:

Discussion of magnetism of silican steels. *Amer. Mfrs. Steel*, 1934.

Reviews (continued)

Discussion of the return flow in pipes suddenly closed. *J. Amer. Soc. Mech. Engrs.*, 1934.

KUSCH, POLYKARP, M.S.

Assistant in Physics

ARTICLES:

With F. W. Loomis:

The band spectrum of caesium. *Phys. Rev.*, 46:292-301.

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LAMBERT, CLAUDE NEEDHAM, A.B.,

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ARTICLES:

Epiphyseal stimulation to increase length of extremities. *Physiother. Rev.*, 14:2:12. (800)

LANG, ALVIN LEONARD, M.S.

Assistant Chief in Soil Experiment Fields

See W. L. Burlison and G. H. Dungan.

LANSFORD, WALLACE MONROE, M.S.,

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ARTICLES:

Discharge coefficients for pipe orifices. *Civ. Eng.*, 4:5:245-47. (2500)

REVIEWS:

Flow of water around bends in pipes. *Proc. A.S.C.E.*, 60:9:1392-95. (2000)

LARSON, LAURENCE MARCELLUS, Ph.D.,

LL.D., Professor of History and Head of the Department

Books:

Records of civilization. Vol. 20 of *The Earliest Norwegian Laws*, trans. from the Old Norwegian. Columbia Univ. Press, N. Y., 1935. x + 451 pp.

ARTICLES:

The Norwegian element in the northwest. *Amer. Hist. Rev.*, 40:1. (5500)

Tellef Grundysen and the beginnings of Norwegian-American fiction. *Norwegian-Amer. Studies and Rec.*, 8. (6800)

Great Britain. *World Book Encyc. An.*, 1934. (2600)

Ireland. *Ibid.* (700)

LEDERER, FRANCIS LOEFFLER, M.D.

Professor of Laryngology, Rhinology, and Otology, and Head of the Department

Books edited:

Otolaryngology section in *Review of Medical Progress*. F. A. Davis Co., Phila. 1934.

ARTICLES:

Sclerosis of the labyrinth. *Cyc. Med.*, 9: 153-60.

Cancer of the head and neck: a critical analysis of available therapeutic measures. *Arch. Phys. Therapy*, 15:517-30; 15:608-15.

Fulminant sinus disease; case study of its pathogenesis. *J. Surg. Gyn. Obstet.*, 60: 645-56.

Multiple carcinoma; pathologic specimen and a case presentation. *Arch. Otolaryng.*, 21:239.

LEDERER, F. L.—Articles (continued)

Hemorrhage in lung cancer: a fatal case following bronchoscopy. *Ibid.*, 21:244-47. *Ann. Otol. Laryn. Rhin.*, 44:157-63.

With L. Z. Fishman:

Rationalization of therapy in laryngeal tuberculosis. *Ill. Med. J.*, 66:448-54.

With H. G. Poncher and N. D. Fabricant:

Aural manifestations of lipid granulomatosis (xanthomatosis) of the skull. *Arch. Otolaryng.*, 21:27-40. (5500)

LEE, FREDERIC EDWARD, Ph.D.

Professor of Economics

ARTICLES:

United States banking failures. *Statist. (London)*, 124:2948:253. (2000)

The gold clause decisions. *Chicago J. Com.*, 15:118:4. (3000)

With Joseph B. Hubbard and others:

International economic problems. Part of Chapter X in *Current Economic Policies*. Henry Holt and Co., N. Y., pp. 563-71.

LEHMANN, EMIL WILHELM, B.S., E.E., A.E., Professor of Agricultural Engineering and Head of the Department

ARTICLES:

Farms need more electrification. *Prairie Farmer*, Oct. 13, 1934, p. 20. (900)

Some facts about rural electrification in Illinois. *Univ. of Ill.*, mimeo. 2 pp. (800)

What is it worth to have water under pressure in the home? *Elec. on the Farm*, Sept., 1934, pp. 9-11. (1500)

With others:

Farm lands subject to soil depletion from erosion or other causes. *Rpt. Land Planning Comm., Nat. Resources Bd.*, Part II, pp. 161-74. (10,000)

Making available farm lands needed for future requirements. *Ibid.*, pp. 193-96. (3500)

LEPPLA, PAUL WARREN, M.S.

Assistant in Chemistry

See G. L. Clark and H. F. Johnstone.

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Instructor in Medicine

ARTICLES:

With Iva G. Murphy:

Amidopyrine and granulopenia—A clinical experiment. *J. Lab. Clin. Med.*, 20:6: 616-22. (3500)

LEUTWILER, OSCAR ADOLPH, B.S., M.E.

Professor of Mechanical Engineering Design and Head of the Department of Mechanical Engineering

BOOKS:

Notes on the design of steam power plants. (Rev. ed.) Edwards Bros., Ann Arbor, Mich., Feb., 1935. 229 pp.

LINDSTROM, DAVID EDGAR, Ph.D.

Associate in Rural Sociology

ARTICLES:

The organization and functioning of the community unit. *Univ. of Ill. Agr. Ext. Serv.*, mimeo. RSE-10. p. 1-14. (3000)

Rethinking the rural community situation in Illinois. *Ibid.*, RSE-15. 4 pp. (1500)

The nature of the movement of farm population in Illinois as shown by a study of selected areas, 1930. *Ill. Agr. Exp. Sta.*, mimeo. 15 pp. (3000)

Equalizing rural and urban library service. *Ill. Libraries*, 16:4. (1500)

Rural youth studies in Illinois. *U.S.D.A.*, mimeo., 1934. 9 pp. (4000)

The present worth of community action. *Bureau Farmer* (Chicago), Sept., 1934. (1000)

LITMAN, SIMON, Dr. Jur. Pub. et Rer. Cam.

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ARTICLES:

International movements of capital. *Amer. Econ. Rev.*, 25:1:74-76. (1200)

REVIEWS:

The American farmer and the export market, by A. A. Dowell and O. B. Jesness. *J. Bus.* 7:4:366-67. (500)

German commercial policy, by W. Röpke. *Amer. Econ. Rev.*, 25:1:113-14. (400)

LITTLETON, ANANIAS CHARLES, Ph.D., C.P.A.

Professor of Accountancy and Assistant Director of Bureau of Business Research

ARTICLES:

Some later problems of economic planning. *Ill. J. Com.*, 16:6:8-9; 7:15-16. (5000)

Auditor independence. *J. Acct.*, 59:4:283-92. (6500)

The dividend base. *Acct. Rev.*, 9:2:140-48. (7000)

Dividends presuppose profits. *Ibid.*, 9:4: 304-11. (7500)

The income approach. *Ibid.*, 9:4:342-46. (2500)

REVIEWS:

Depreciation by public service commission of Wisconsin; Public utility valuation, by W. J. Graham. *Ibid.*, 9:2:186-88. (1500)

Glossary of medieval terms of business, by Florence Edler. *Ibid.*, 10:1:119-21. (1500)

LLOYD, JOHN WILLIAM, Ph.D.

Professor of Olericulture

BOOKS:

Productive vegetable growing. (7th ed.). J. P. Lippincott Co., Philadelphia, 1935. lxxii + 343 pp.

ARTICLES:

Competition and quality. *4th An. Rpt. Ill. Veg. Growers Assoc.*, pp. 45-48. (2800)

With S. W. Decker:

Factors influencing the refrigeration of packages of apples. *Ill. Agr. Exp. Sta. Bul.* 410:13-50. (15,000)

LOUNSBURY, RAYMOND HARVEY, Ph.D.

Associate in Economics

ARTICLES:

The velocity of circulation of goods: an explanation. *Qt. J. Econ.*, 48:4:767-68. (400)

REVIEWS:

Monetary statesmanship, by Norman Lombard. *Amer. Econ. Rev.*, 24:4:746-48. (600)

MCCLURE, MATTHEW THOMPSON, Ph.D.
Dean of the College of Liberal Arts and Sciences, Professor of Philosophy, and Head of the Department

BOOKS:

Early philosophers of Greece. D. Appleton and Co., N. Y., 1935. 217 pp.

ARTICLES:

The idea of progress. *Ind. Univ. Alumni Q.*, July, 1934, pp. 276-83.

Greek genius and race mixture. Chapter 2 of *Studies in the History of Ideas*, Columbia Univ. Press, N.Y., 1935, pp. 23-33.

MCCOLLUM, JOHN PASCHAL, Ph.D.

Assistant Chief in Olericulture

ARTICLES:

Vegetative and reproductive responses associated with fruit development in the cucumber. *Cornell Univ. Agr. Exp. Sta. Memoir* 163. (12,000)

McGOVRAN, EDWARD RAWSON, Ph.D.

Research Assistant in Entomology

See *W. P. Flint*.

McMUNN, RICHARD LACEY, M.S.

Associate in Pomology

ARTICLES:

The relationship between volume and dimensions of the Elberta peach. *Amer. Soc. Hort. Sci.*, 30:187-91. (2100)

See also *Maxwell Jay Dorsey*.

MARVEL, CARL SHIPP, Ph.D.

Professor of Organic Chemistry

ARTICLES:

With *D. S. Frederick and H. D. Cogan*:

The reaction between sulfur dioxide and olefins. *Cyclohexene. J.A.C.S.*, 56:1815-19. (4000)

With *J. C. Eck*:

A convenient synthesis of *dl*-lysine. *J. Biol. Chem.*, 106:381-91. (2500)

MARYAN, HARRY OLIVER, B.S., M.D.

Associate in Obstetrics and Gynecology

ARTICLES:

Maryan's colposcope. *Central Sci. Instr. Co.*, Chicago, Nov., 1934. (1000)

Maryan's technique of colposcopy. *Ibid.* (1000)

MATHEWS, JOHN MABRY, Ph.D.

Professor of Political Science

BOOKS:

American state government. (Rev. ed.). D. Appleton Co., N.Y., 1934. xx + 759 pp.

ARTICLES:

The United States and world affairs. *Amer. Year Book*, 1934, pp. 54-58. (3500)

State administration and legislation. *Ibid.*, pp. 120-21. (1200)

National and interstate relations of states. *Ibid.*, pp. 122-23. (1200)

REVIEWS:

History of American foreign policy, (rev. ed.), by J. H. Latane. *Amer. J. Internat. Law*, 29:1:177-78. (400)

MATTON, NORMAN THOMAS, M.S.

Assistant in Zoology

ARTICLES:

Abnormalities in the uterine young of *Campeloma rufum*, a fresh water snail. *Amer. Mid. Naturalist*, 16:2:144-54. (4500)

MAYS, ARTHUR BEVERLY, A.M.

Professor of Industrial Education

BOOKS:

With *R. P. Hoelscher*:

Basic units in mechanical drawing. II. John Wiley and Sons, N. Y., 1934. 273 pp.

ARTICLES:

With *William T. Bawden and others*:

The growth and trends of the literature of industrial arts. Chapter 6 of *Industrial Arts in Modern Education*. Manual Arts Press, Peoria, Ill., 1934. pp. 105-22.

MAYS, LUTHER LIVINGSTON, A.M.

Assistant in Psychology

ARTICLES:

Studies of catatonia. v. Perseverational tendencies in catatonic patients. *Psychiat. Q.*, 8:728-35. (3000)

With *P. H. Dubois and C. Landis*:

Changes in psychological functions in paresis. II. *Ibid.*, 8:699-702. (1200)

MEYER, CLARA ROCKE, M.S.

Associate in Home Economics

ARTICLES:

With *H. N. Holmes, Ruth Corbet, Harold Cassidy, and Sarah Irene Jacobs*:

The biological activity of some carotene preparations. *J. Nutr.*, 7:3:321-29. (2500)

MEYER, HAROLD IRVING, M.S., M.D.

Associate in Surgery

ARTICLES:

Paget's disease (osteitis deformans). *Med. Clin. N. Amer.*, 17:6:1533-36. (1000)

MICHAUD, RÉGIS, A.M.

Professor of Romance Languages

BOOKS:

Modern thought and literature in France. Funk and Wagnalls Co., N.Y., 1934. 326 pp.

MILLER, GEORGE ABRAM, Ph.D.

Professor of Mathematics, *Emeritus*

ARTICLES:

Confusions in the use of the mathematical term group. *Proc. Nat. Acad. Sci.*, 20:288-91. (1800)

Groups of order 2^n whose squared elements constitute a cyclic subgroup. *Ibid.*, 20:372-75. (1800)

Distinct groups whose subgroups are simply isomorphic. *Ibid.*, 20:430-33. (1600)

Groups involving a set of as many conjugates as commutators. *Ibid.*, 20:41-44. (1800)

Sets of group elements involving only products of more than n . *Ibid.*, 20:45-47. (1400)

Background of mathematics in America. *Science*, 80:356-57. (900)

A widespread error relating to Egyptian mathematics. *Ibid.*, 81:152. (500)

Mathematics in Webster's *New International Dictionary*, (2d ed.), 1935. *Sch. and Soc.*, 40:728. (800)

MILLER, G. A.—Articles (*continued*)

Groups in which the squares of the elements are a dihedral group. *Trans. Amer. Math. Soc.*, 36:819-25. (4000)

Vague historical views relating to negative numbers. *Math. Student*, 2:1-6. (2000)

Expository remarks on the theory of groups. *Ibid.*, 2:41-48. (3500)

History of mathematics in America. *Sch. Sci. Math.*, 35:292-96. (2500)

Evolution of a modern definition of the mathematical term group. *Sci. Mo.*, 39: 554-59. (3500)

Historical note on the determination of all the permutation groups of low degrees. *Tôhoku Math. J.*, 39:60-65. (3000)

Groups generated by an operator of order 2 and an operator of order 3 whose commutator is of order 3. *J. Indian Math. Soc.*, 20:145-47. (1500)

REVIEWS:

A history of mathematics in America before 1900. *Math. Student*, 2:156-57. (800)

MILLER, RICHARD FROMAN, A.B.

Assistant in Chemistry
See Roger Adams.

MILLES, GEORGE, Ph.G., M.S., M.D.

Assistant Professor of Pathology

ARTICLES:

A principle accelerating growth and maturation. *Arch. Path.*, 17:631. (1500)

Renal arteriosclerosis in the problem of urinary obstruction. *Ill. Med. J.*, May, 1935. (1500)

MITCHELL, DAVID RAY, M.S., E.M.

Assistant Professor of Mining and Metallurgical Engineering

ARTICLES:

Fundamentals of coal preparation. *Coal-Heat*, Aug., 1934. (4000)

Economics of coal preparation and reduction in ash content. *Ibid.* (4000)

A new method of evaluating coals for domestic purposes. *Ibid.*, Dec., 1934. (4000)

Mining engineering and educational problems pertaining thereto—a catechism. *Proc. Ill. Min. Instit.* (3900)

With L. C. McCabe and G. H. Cady:

Preliminary report on unit coal—specific gravity curves of Illinois coal. *Trans. A.I.M.E.* (Coal Division), 108, 222. (3000)

Contributions to the study of coal. *Ill. Geol. Surv. Rpt.* 34. (6000)

MITCHELL, HAROLD HANSON, Ph.D.

Professor of Animal Nutrition

ARTICLES:

The effect of the proportions of fat and carbohydrate in the diet upon the excretion of metabolic nitrogen in the feces. *J. Biol. Chem.*, 105:537-46. (3600)

Balanced diets, net energy values and specific dynamic effects. *Science*, 80:558-61. (2500)

MIZELLE, JOHN DARY, M.S.

Assistant in Zoology

ARTICLES:

Swimming of the muskrat. *J. Mammalogy*, 16:22-25.

MONROE, WALTER SCOTT, Ph.D.

Professor of Education and Director of the Bureau of Educational Research

ARTICLES:

Hazards in the measurement of achievement. *Sch. and Soc.*, 41:48-52. (2500)

Effect of measurement on instruction. *J. Educ. Res.*, 28:496-97. (700)

A note on efficiency of prediction. *J. Educ. Psych.*, 25:547-48. (350)

With Dewey B. Stuit:

Correlation analysis as a means of studying contributions of causes. *J. Exp. Educ.*, 3:155-65. (8000)

REVIEWS:

Adjusting the school to the child, by Carleton Washburne. *J. Educ. Res.*, 28:209. (375)

MOORE, HERBERT FISHER, M.E., D.Sc.

Research Professor of Engineering Materials

ARTICLES:

Some engineering tools for social use. *J. West. Soc. Engrs.*, 40:1:3-9. (4800)

With P. E. Henwood:

The strength of screw threads under repeated tension. *Ill. Eng. Exp. Sta. Bul.* 264, pp. 1-17. (8800)

With G. N. Krouse:

Repeated-stress testing machines in the materials testing laboratory of the University of Illinois. *Ill. Eng. Exp. Sta. Circ.* 23, pp. 1-36. (9000)

With B. B. Betty and C. W. Dollins:

The creep and fracture of lead and lead alloys. *Ill. Eng. Exp. Sta. Bul.* 272, pp. 1-47. (1100)

MORA, JACOB MORTON, B.S., M.D.

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ARTICLES:

With F. J. Jirka:

The effect of jaundice on intradermally injected salt solution. *J. Lab. Clin. Med.*, 20:719. (2000)

With D. A. Willis:

Relation of drainage to morbidity following operation for acute suppurative appendicitis. *Amer. J. Surg.*, 27:480. (750)

MOREY, LLOYD, A.B., B.Mus., C.P.A., LL.D.

Comptroller and Professor of Accountancy

Books:

With others:

Financial reports for colleges and universities. Univ. of Chicago Press, Chicago, 1935. 270 pp.

ARTICLES:

Competitive bidding for municipal audits. *Amer. City*, 49:7. (800)

Principles of municipal accounting. *Acct. Rev.*, 9:4:319-25. (3500)

Uniform accounting for local governments. *Nat. Munic. Rev.*, 23:7:377-79. (1200)

Finance and business administration in institutions of higher education. *Rev. Educ. Res.*, 5:2:143-47. (1550)

With T. M. Dickerson:

Municipal accounting as a protection to holders of municipal securities. *Trust Companies*, 59:6:603-06. (2000)

MORGAN, WILLIAM RAY, M.S.
Instructor in Ceramic Engineering

ARTICLES:

Relation between uncombined quartz and thermal expansion of ceramic bodies. *J.A.C.S.*, 17:5:117-21. (2000)

MORWITZ, SAMUEL MORDECAI, M.D.
Instructor in Laryngology, Rhinology, and Otology

ARTICLES:

Rhinolith. *Arch. Otolar.*, 20:704-07.

MOSHER, MARTIN LUTHER, M.Agr.
Associate Professor of Farm Management

ARTICLES:

With J. B. Andrews and H. C. M. Case:

Farm bureau-farm management service reports. *Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo.*, 430 and 431. (15,000)

Three-years' summary report of the farm bureau-farm management service. *Ibid.*, 434. (12,000)

MURGUDICH, JOHN NEIL, Ph.D.
Special Research Assistant in Chemistry
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ARTICLES:

Some new oaks from Western Texas. *Torreyia*, 34:5:119-22. (1100)

MUMM, WALTER JOHN, M.S.
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See G. H. Dungan.

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ARTICLES:

Osteitis deformans, "Paget's disease," with fracture of the femur and prompt union. *J. Bone and Joint Surg.*, 16:4:981-85. (1200)

Rupture of quadriceps tendon above patella with surgical repair. *Ill. Med. J.*, Apr., 1935, pp. 379-81. (1000)

Some rheumatic conditions and their relation to dental affections. *Ill. Dent. J.*, 4:8:293-97.

MURPHY, LAWRENCE W., A.M., Litt.D.
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REVIEWS:

An analysis of the Bryn Mawr research in journalism conducted by Kingsbury, Hart, and associates. *Journ. Qt.*, 11:4:382-91. (4000)

NADEAU, OSCAR EUGENE, B.S., M.D.
Associate Professor of Surgery

ARTICLES:

Spinal anesthesia. *Hosp. News, U. S. Marine Hosp.*, 2:2:1-19. (5000)

Operative treatment of bilateral kidney stones. *Surg. Clin. N. Amer.*, Aug., 1934, pp. 927-33. (2200)

Can kidney stones be dissolved. *Ibid.*, pp. 935-40. (1850)

The early diagnosis of renal tuberculosis—nephrectomy. *Ibid.*, pp. 941-46. (1850)

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Associate Professor of Bacteriology and Public Health

ARTICLES:

The pathogenesis of nephritis due to exposure to cold. *J. Urol.*, 31:685. (2000)

Cocaine poisoning as influenced by diet. *J. Lab. Clin. Med.*, 19:874. (650)

A study of muscle temperature during bacterial chill. *Proc. Soc. Exp. Biol. Med.*, 32:279. (750)

Temperature changes in gastro-intestinal tract in relation to heat and cold on skin. *Ibid.*, 32:281.

REVIEWS:

Klassifikation der Schigomyceten (Bakterien) Versuch einer eissenschaftlichen Klassifikation der Bakterien auf botanischer Grundlage, by Ernst Pribram. *Arch. Int. Med.*, 53:479. (300)

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ARTICLES:

Lespedeza straw for dairy cows. *J. Dairy Sci.*, 17:10:671-74.

With A. F. Kuhlman:

Selecting dairy cattle. *Ill. Agr. Exp. Sta. Circ.* 422:1-46.

Suggestions for teaching dairy cattle selection. *Ibid.*, (supplement), 8 pp.

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BOOKS:

Renaissance architecture. Part III of *Outlines of the History of Architecture*, John Wiley and Sons, N.Y., Chapman and Hall, Ltd., London. 193 pp.

ARTICLES:

Economic and social values of good architecture and landscaping. *Contrib. 2d An. Min. Ind. Conf., Ill. Geol. Surv.*, 1934, pp. 89-99. (4750)

Architecture. *World Book Encyc. An. for 1934*, pp. 18-21. (1250)

Home design. *Arch. and Eng.*, 120:3:19-22. (2780)

NEWMARK, NATHAN MORTIMORE, Ph.D.
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BOOKS:

Interaction between rib and superstructure in concrete arch bridges. Univ. of Ill. Doctoral dissertation, 1934. (Abstract). 12 pp.

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ARTICLES:

With Joseph K. Calvin:

Thoracic aortic aneurysms in children. Their relation to rheumatic fever. *Amer. J. Dis. Child.*, 48:780-90. (4400)

See also H. G. Poncher.

NOLAN, ARETAS WILBUR, Ph.D.

Associate Professor of Agricultural Education

ARTICLES:

Vocational education in agriculture and life's values. *Education*, 55:8:476-79. (2000)
 Things old fashioned. *Christian Community*, 1:17:2. (1000)

REVIEWS:

A study of rural education in Illinois, with special reference to vocational education in agriculture, 1917-1933, by Carl Colvin. *Agr. Educ. Mag.*, Jan., 1935.

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See Ernst Gellhorn.

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ARTICLES:

Iodine cations. *J.A.C.S.*, 56:1849. (300)
 Robinson's electronic theories of organic chemistry. *J. Soc. Chem. Ind.*, 53:559-62. (4000)
 The reintegration of science. *Ind. Eng. Chem.* (news ed.), 12:378.
 Professor Edward Bartow, president-elect of the American Chemical Society. *Sci. Mo.*, 40:286-88. (775)

ODELL, CHARLES WATTERS, Ph.D.

Associate Professor of Education

BOOKS:

Statistical method in education. D. Appleton and Co., N.Y., 1934. 457 pp.

With T. T. Hamilton:

Special features of Illinois school buildings. *Univ. of Ill. Bur. Educ. Res.*, 1934. 106 pp.

OLDFATHER, WILLIAM ABBOTT, Ph.D., LL.D.

Professor of the Classics, Chairman of the Department, Chairman of the Division of Language and Literature, and Curator of the Classical and Oriental Museums

BOOKS:

With H. V. Canter and B. E. Perry:

Index Apuleianus. *Amer. Philol. Assoc. Monog.*, 3, Middletown, Conn., 1934. liv + 490 pp.

With C. H. Oldfather:

Samuel Pufendorf's *De Iure Naturae et Gentium Libri Octo* (ed. and trans.). Carnegie Endowment for International Peace. Classics of International Law. 2 vols. Clarendon Press, Oxford, 1934. 66a + 1002; 64a + 1456 pp.

ARTICLES:

Report of committee on materials for research. *Trans. Amer. Philol. Assoc.*, 64: xxxiii-xxxvi. (155)

A legal right. *Daily Illini*, July 6, 1934. (475)

35 articles on the Locrians in the *Realencyclopädie der classischen Altertums-wissenschaft*. Vols. 5a 2, and 16.2. 41 columns. (1900)

Articles (continued)

Preisigke "Sammelbuch" 5730. *Aegyptus*, 14:4:496-97. (400)

REVIEWS:

Life and letters in the papyri, by J. G. Winter. *Amer. Hist. Rev.*, 40:2:362-63. (500)

OLIVER, THOMAS EDWARD, Ph.D.

Professor of Romance Languages

BOOKS:

The modern language teacher's handbook. D. C. Heath and Co., Boston, 1935. vii + 706 pp.

REVIEWS:

An analytical bibliography on modern language teaching, 1927-1932. Compiled for the committee on modern language teaching with the assistance of Agnes Jacques. *J. Educ. Res.*, 28:6:459-61. (1000)

OLIVER, WILLIAM ALBERT, M.S., C.E.

Associate in Civil Engineering

ARTICLES:

Report on an experimental study of the load distribution to the stringers of a full-sized laminated floor panel. *Amer. Ry. Eng. Assoc. Bul.*, 36:374:824-34. (5000)

ORTH, OSWALD SIDNEY, M.S.

Assistant in Physiology

See W. E. Burge and W. P. Elhardt.

OUTHOUSE, JULIA PRATT, Ph.D.

Associate Professor of Nutrition

ARTICLES:

With Glenna Henderson:

Farm family's supply. *Univ. of Ill. Coll. of Agr. Circ.* 1 p.

PAINE, ELLERY BURTON, M.S., E.E.

Professor of Electrical Engineering and Head of the Department

See J. T. Tykociner.

PARK, SUNSHINE, M.S.

Assistant in Bacteriology

REVIEWS:

Bacteriophage therapy. *N. Amer. Vet.*, 16: 3:19-24. (2500)

PARMELEE, CULLEN WARNER, M.S.

Professor of Ceramic Engineering and Head of the Department

BOOKS:

With A. E. Badger:

Determination of mean specific heats at high temperatures of some commercial glasses. *Ill. Eng. Exp. Sta. Bul.* 271. 22 pp.

ARTICLES:

Reaction-expansion measurements on chromite and allied spinels. *J.A.C.S.*, 18:3. (2700)

With A. E. Badger:

Effects of borax and alumina in glass. *Glass Ind.*, 15:11:235-38. (3000)

With J. H. Chesters:

The burning of magnesite brick. II. *Trans. (English) Cer. Soc.*, 34:3. (3000)

See also J. O. Kraehenbuehl.

PARRY, JOHN JAY, Ph.D.

Associate Professor of English

ARTICLES:

Ellis Pugh. *Dict. Amer. Biog.*, 15:257. (500)

Articles (continued)

Arthurian bibliography for 1934. Arthurian Sect. Mod. Lang. Assoc., Mimeo. (6000)

REVIEWS:

Welsh Christian Origins, by Arthur W. Wade-Evans. *Speculum*, 10:116-18. (1000)
The tale of Gargantua and King Arthur by Francois Girault, by Huntington Brown. *J. Engl. Germ. Philol.*, 34:124. (400)

PATON, ROBERT FREDERICK, Ph.D.

Associate Professor of Physics

ARTICLES:

Protonenemission durch Bor und Phosphor unter der Einwirkung energiereicher alpha-Strahlen. *Zeits. physikal. Chem.*, 90:586-96. (4000)
Protons emitted from boron and phosphorus bombarded by high energy alpha-particles. *Phys. Rev.*, 46:229-30. (750)

PEASE, THEODORE CALVIN, Ph.D.

Professor of History

Books:

With R. C. Werner:

The French foundations, 1680-1693. *Ill. Hist. Colls.*, 23. Springfield, Ill., 1934. xiv + 426 pp.

BOOKS EDITED:

Illinois census returns, 1810, 1818, by Margaret C. Norton. *Ibid.*, 24.
Illinois census returns, 1820, by Margaret C. Norton. *Ibid.*, 26.

ARTICLES:

Indiana in contention between France and England. *Ind. Hist. Bul.*, 12:5:113-32. (6800)
The Mississippi boundary of 1763: a reappraisal of responsibility. *Amer. Hist. Rev.*, 40:2:278-86. (4000)

REVIEWS:

The civilization of the old northwest: a study of political, social, and economic development, 1788-1812, by B. W. Bond, Jr. *Miss. Val. Hist. Rev.*, 21:1:90-91. (380)
Political and social growth of the United States, 1492-1933, by H. C. Hockett and A. M. Schlesinger. *Ibid.*, 21:3:432-33. (680)
Illinois Central Railroad, by Wallace Gates. *Amer. Hist. Rev.*, 40:2:352-54. (670)

PEIRCE, ALAN STANLEY, M.S.

Assistant in Botany

ARTICLES:

Anatomy of the xylem of *Pseudolarix*. *Bot. Gaz.*, 95:4:667-77. (3000)
Positive infection trials with elm "wilt" fungi. *Science*, 80:2078:385. (500)

PELUSE, SAMUEL, B.S., M.D.

Instructor in Medicine

ARTICLES:

Post-spinal-anaesthetic headache. Review of the literature and suggestions for treatment. *Ill. Med. J.*, 67:372-77. (4000)

PERLSTEIN, MINNIE OBOLER, B.S., M.D.

Associate in Dermatology

ARTICLES:

Inguinal lymphogranuloma in its relation to stricture of the rectum. *Arch. Path.*, 19:331-40. (2400)

PERRY, BEN EDWIN, Ph.D.

Associate Professor of the Classics

Books:

See W. A. Oldfather.

ARTICLES:

The text tradition of the Greek life of Aesop. *Trans. Amer. Philol. Assoc.*, 64:198-244.
The origin and date of the fables ascribed to Syntipas. *Proc. Amer. Philol. Assoc.*, 64:44. (Abstract) (300)

PETERS, HOWARD CHESTER, B.S.

Assistant in Physiology

See M. B. Visscher.

PETERSEN, WILLIAM F., B.S., M.D.,

Professor of Pathology

Books:

The patient and the weather. II. Autonomic disintegration. Edwards Bros., Ann Arbor, Mich., 1935. 600 pp.
The patient and the weather. III. Mental and nervous disease. Edwards Bros., Ann Arbor, Mich., 1934. 400 pp.

ARTICLES:

American distribution of deaths from cancer of the skin, mouth, and breast. *Arch. Derm. Syph.*, 30:425-32. (1500)

With E. T. Hoverson:

Meteorologic effects on the sedimentation rate of erythrocytes. *Amer. J. Med. Sci.*, 41:18:455. (1000)

PHIPPS, THOMAS ERWIN, Ph.D.

Associate Professor of Chemistry

ARTICLES:

With M. J. Copley:

Reflection coefficient of electrons. *Phys. Rev.*, 46:2:144-45. (700)

PILOT, ISADORE, B.S., M.D.

Associate Professor of Medicine

See D. J. Davis.

POGGI, EDITH MURIEL, Ph.D.

Associate in Geography

ARTICLES:

Decatur, Illinois: a study in urban geography. *Trans. Ill. Acad. Sci.*, 27:4:85-99. *Bul. Geog. Soc. Phila.*, 32:4:122-39.

PONCHER, HENRY GEORGE, B.S., M.D.

Associate Professor of Pediatrics

ARTICLES:

Tuberculin. Chapter 26 of *Clinical Tuberculosis* by Benjamin Goldberg. F. A. Davis Co., Phila., 1935. 20 pp.

With Julius Hess and Helen Woodward:

Factors influencing the utilization of calcium and phosphorus of cow's milk. *Amer. J. Dis. Child.*, 48:1058-71. (5000)

With B. M. Gasul:

The effect of moderately large dosage of viosterol on tuberculous children. *Amer. Rev. Tuberculosis*, 30:3:358-64. (2700)

With A. L. Shafton:

Renal glycosuria in childhood. *Amer. J. Dis. Child.*, 47:1323-34. (4500)

With J. R. Blayney:

Osteomyelitis of the maxilla in nurslings and in infants. *Ibid.*, 48:730-38. (2700)

PONCHER, H. G.—Articles (continued)

With M. B. Visscher and Helen Woodward:

Creatine metabolism in children with hypothyroidism. *J.A.M.A.*, 102:1132-35. (1500)

With S. J. Nichamin and Marion Hood:

Amebiasis in children. *J. Pediatrics*, 5:6:741-49. (3200)

See also F. L. Lederer.

REVIEWS:

Poliomyelitis, by Landon and Smith.

J.A.M.A., 104:14:1272. (200)

Infantile paralysis, by George Draper. *Ibid.*, 104:14:1271. (250)

POTTHOFF, EDWARD FREDERICK, Ph.D.
Assistant Professor of Education

ARTICLES:

Recent trends in enrollment at the University of Illinois. *Sch. and Soc.*, 39:853-56. (2500)

REVIEWS:

Introduction to education, by W. H. Burton. *Sch. Rev.*, 42:70-71. (650)

Introduction to teaching and learning, by G. A. Yoakum and R. G. Simpson. *Elem. Sch. J.*, 35:627-28. (700)

POWELL, ALDEN LESLIE, Ph.D.

Instructor in Political Science

ARTICLES:

National stamp-tax laws and state instrumentalities. *Amer. Pol. Sci. Rev.*, 29:2:225-46. (9000)

A plan for facilitating constitutional amendment in Illinois. *Ill. Law Rev.*, 30:1:59-67. (3900)

Amending the Illinois constitution. *Ill. Munic. Rev.*, 13:10:200-03. (3000)

REVIEWS:

A history of the vice-presidency of the United States, by L. C. Hatch and E. L. Shoup. *Amer. Pol. Sci. Rev.*, 28:5:946-48. (700)

PUSEY, WILLIAM ALLEN, A.M., M.D.

Professor of Dermatology, Emeritus

See Herbert Rattner.

QUIRKE, TERENCE THOMAS, E.M., Ph.D.
Professor of Geology

ARTICLES:

Origin of watercourses near French River, Ontario. (Abstract). *Proc. Geol. Soc. Amer.*, June, 1934, p. 103. (400)

QUISENBERRY, JOHN HENRY, M.S.

Assistant in Animal Genetics

See Elmer Roberts

RAGINS, OSCAR BENJAMIN, B.S., M.D.

Associate in Medicine

See E. B. Freilich.

RAMSEY, RUSSELL JENNINGS, M.S.

Assistant in Dairy Manufactures

See H. A. Ruhe.

RANDALL, JAMES GARFIELD, Ph.D.

Professor of History

ARTICLES:

John George Nicolay. *Dict. Amer. Biog.*, 13:510-11. (900)

John Reynolds. *Ibid.*, 15:519-20. (900)

REVIEWS:

The antislavery impulse, by G. H. Barnes. *J. South. Hist.*, 1:1:96-98. (950)

Record of the restoration of New Salem, by J. F. Booton; and Lincoln's New Salem, by B. P. Thomas. *Amer. Hist. Rev.*, 40:2:419. (200)

RAPPAPORT, BENJAMIN ZION, M.S., M.D.
Associate in Medicine

See W. H. Welker and C. I. Reed.

RATTNER, HERBERT, M.D.

Associate in Dermatology

ARTICLES:

Dermatitis of the eyelids. *J.A.M.A.*, 103:180-81. (900)

Changes in the skin in chronic encephalitis. *Arch. Derm. Syph.*, 31:35-37. (650)

With W. A. Pusey:

Acne in one of identical twins. *Ibid.*, 29:706. (250)

With L. M. Zimmerman:

Infra-red photography of subcutaneous veins. *Amer. J. Surg.*, 27:3:502. (350)

REED, CARLOS ISAAC, Ph.D.

Associate Professor of Physiology

ARTICLES:

Symptoms of viosterol overdosage in human subjects. *J.A.M.A.*, 102:1745-48. (2800)

Animal experimentation and medical education. *J. Assoc. Amer. Med. Coll.*, 10:2-4. (900)

Effect of heavy administration of viosterol on metabolism of the rat. *Proc. Soc. Exp. Biol. Med.*, 32:274-77. (1500)

Why is an antivivisectionist? *Ill. Med. J.*, 66:2-9. (6000)

Longevity in the box turtle. *Science*, 81:2103:380-81. (800)

With B. Z. Rappaport, M. L. Hathaway, and H. C. Struck:

The treatment of hay fever and asthma with viosterol of high potency. *J. Allergy*, 5:6:541-53. (6700)

With I. E. Steck and D. S. Miller:

The effect of parathormone on basal metabolism of normal dogs. *Amer. J. Physiol.*, 110:1:1-3. (1000)

With L. E. Blanch and E. H. Zans:

Physiology. Chapter in *Rpt. Amer. Assoc. Dent. Sch.*, 1935. 8 pp.

REED, JOHN C., M.S., M.E.

Associate in Mechanical Engineering

See E. E. Ambrosius.

REED, RUSSELL HARLAN, B.S.

Instructor in Agricultural Engineering

ARTICLES:

Heating systems for warming the washing solution in apple washing machines. Mimeo. 29 pp. (10,000)

The harvesting and storing of chopped hay. Mimeo. 3 pp. (1600)

REEDY, JOHN HENRY, Ph.D.

Associate Professor of Chemistry

ARTICLES:

The technique of microchemistry. (Abstract). *Trans. Ill. Acad. Sci.*, 27:2:59. (200)

Articles (continued)

With D. G. Nicholson:

The explosive reaction of perchloric acid with metallic bismuth. *Ibid.*, 27:2:78. (600)

REVIEWS:

About 50 reviews in *Chem. Abstracts*. (Average number of words, 100)

REICH, HERBERT JOSEPH, Ph.D., M.E.

Assistant Professor of Electrical Engineering

ARTICLES:

Vacuum tubes in everyday life. *Champaign-Urbana News Gaz.*, Jan. 6, 1935, p. 21. (2000)

RICHART, FRANK ERWIN, M.S., C.E.

Research Professor of Engineering Materials

ARTICLES:

Elastic properties of concrete. *Rpt. Amer. Soc. Testing Materials*, March, 1935. pp. 22-27. (3000)

Outline of work of reinforced brick masonry research board. *Bul. Amer. Cer. Soc.*, 13:7:179-80. (900)

Developments in reinforced concrete column design. *26th An. Rpt. Eng. Soc. Wis.*, 9:3:62-65. (2000)

With R. L. Brown:

An investigation of reinforced concrete columns. *Ill. Eng. Exp. Sta. Bul.* 267:1-94. (45,000)

REVIEWS:

The Toronto building by-laws, by J. M. Oxley. *J. Amer. Concr. Instit.*, 6:1. (800)

Observations on European practice in concrete design and construction, by B. Moreell. *Ibid.*, 6:2. (500)

RITCH, COLQUITT OTIS, B.S., M.D.

Instructor in Surgery

ARTICLES:

Morbidity and mortality in prostatic surgery. *Ill. Med. J.*, 45:90-92.

ROBERTS, ELMER, Ph.D.

Professor of Animal Genetics

ARTICLES:

With W. M. Dawson:

Effect of Fowler's solution on animals. *Ill. Agr. Exp. Sta. Bul.* 413:187-202. (6000)

With J. A. Hunter:

Size of Chinese and American breeds of chickens and eggs. *Peking Nat. Hist. Bul.* 9:2:83-92. (3500)

With J. H. Quisenberry:

Linkage of the genes for non-yellow and pink-eye in the house mouse. *Amer. Nat.*, 69:2:181-83. (700)

A Brahma-Plymouth Rock mosaic. *J. Hered.*, 26:1:111-14; 3:114. (1100)

With L. E. Card:

Fowls with blue plumage from a Leghorn x Cornish cross. *Poultry Sci.*, 14:64. (350)

With J. H. Quisenberry and L. E. Card:

Blood studies of strains of the domestic fowl, differing in resistance to pullorum disease. *Ibid.*, 14:63-64. (500)

ROBINS, LOUIS SENDER, B.S., M.D.

Associate in Pediatrics

ARTICLES:

With R. H. Kunstadter:

The effect of extract of pregnancy urine

Articles (continued)

upon hypopituitarism in the male. *J. Pediatrics*, 4:6:774.

ROBINSON, ANNA BELLE, A.M.

Associate in Home Economics Education

BOOKS:

Home Economics — Foods — Tests I-VIII. Webb-Duncan Publishing Co., Oklahoma City, 1934. 48 pp.

ROBINSON, FLORENCE BELL, M.L.D.

Assistant Professor of Landscape Architecture

ARTICLES:

Five fundamentals of art: a comparative study. *Lands. Arch. Qt.*, 25:1:19-25. (2500)

RODEBUSH, WORTH HUFF, Ph.D.

Professor of Physical Chemistry

ARTICLES:

Dipole moment and ionic binding. *Trans. Faraday Soc.*, 30:778-86. (3000)

The third law of thermodynamics. *J. Chem. Phys.*, 2:668-70. (1400)

With Alfred Clark:

The OD⁺ bands. *J.A.C.S.*, 57:228. (100)

The liquid state. *Phys. Rev.*, 47:513. (300)

The absolute rate of a chemical reaction. *J. Chem. Phys.*, 3:242. (400)

RODKEY, FREDERICK STANLEY, Ph.D.

Associate Professor of History

ARTICLES:

Conversations on Anglo-Russian relations in 1838. *Engl. Hist. Rev.*, 50:197:120-23. (1800)

ROSE, WILLIAM CUMMING, Ph.D.

Professor of Physiological Chemistry

ARTICLES:

With C. T. Caldwell:

Feeding experiments with mixtures of highly purified amino acids. IV. The supplementing effect of casein fractions obtained by the carbamate procedure. V. Additional properties of the unknown growth essential present in proteins. *J. Biol. Chem.*, 107:45-73. (9000)

With Madelyn Womack:

Feeding experiments with mixtures of highly purified amino acids. VI. The relation of phenylalanine and tyrosine to growth. *Ibid.*, 107:449-58. (3500)

ROSENBLUM, PHILIP, M.D.

Assistant Professor of Pediatrics

ARTICLES:

Convalescent care of cardiac children. *Med. Clin. N. Amer.*, March, 1935, pp. 1471-84. (5000)

ROSS, ROBERT COOKE, Ph.D.

Associate Professor of Farm Management

See W. L. Burlison.

RUCH, FLOYD L., Ph.D.

Assistant Professor of Psychology

ARTICLES:

The differentiative effects of age upon human learning. *J. Gen. Psych.*, 11:261-86. (8000)

The differential decline of learning ability

RUCH, F. L.—Articles (continued)

in the aged as a possible explanation of their conservatism. *J. Soc. Psych.*, 5:329-37. (3500)

Kinesthesia, motivation and transfer. I. Preliminary experiments and statement of a problem. *J. Comp. Psych.*, 18:259-69. (4400)

Generalized turning habit and anticipation as factors in the learning of linear mazes by the rat. *Psych. Bul.* 31:721-22.

REVIEWS:

Individual differences, by F. S. Freeman. *Ibid.*, 32:319-20. (500)

RUEHE, HARRISON AUGUST, Ph.D.

Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

True cheddar cheese and stirred curd cheese. *Milk Plant Mo.*, 23:5:64. (650)

Processing and selling whipped cream in jars. *Ibid.*, 23:5:64-65. (130)

Different cultured milk drinks and methods of preparing them. *Ibid.*, 23:6:50-53. (2000)

Adjusting pasteurizing temperatures and circulation to heat milk in 20-30 minutes. *Ibid.*, 23:6:53. (150)

Formula for making ice cream with vanilla sugar. *Ibid.* (130)

Making cultured buttermilk at home from freshmilk and from milk powder. *Ibid.*, 23:7:56. (500)

Making butter for keeping in storage for use as butter or in ice cream. *Ibid.*, 23:7:56-57. (600)

Smoothing coffee cream and preventing separation, cream plug and feathering. *Ibid.*, 23:7:58. (260)

Can Sudan grass be poisonous. *Ibid.*, 23:8:22. (450)

Why milk tests vary and how drought affects test. *Ibid.*, 23:8:56-57. (780)

Milk forms tough elastic curd. *Ibid.*, 23:9:52. (430)

Making cottage cheese—equipment required. *Ibid.*, 23:9:52-54. (630)

Diminishing cream line in pasteurized milk. *Ibid.*, 23:9:54. (150)

Sodium and calcium chloride, hydrometer and salometer. *Ibid.*, 23:9:54-56. (500)

High temperature probable cause of cream plug. *Ibid.*, 23:10:56. (270)

Off-flavors in milk caused by weeds. *Ibid.*, 23:10:56. (52)

Adding condensed skim milk to whipping cream. *Ibid.*, 23:10:56-58. (180)

Neutralizing cream and its effect on taste and body. *Ibid.*, 23:10:58,67. (530)

Sweet cream and ripened cream butter and how to ripen cream. *Ibid.*, 23:10:67. (250)

When whipping cream leaks. *Ibid.*, 23:11:62. (550)

Removing hydrogen sulphide from water. *Ibid.*, 23:11:62-63. (120)

Methods of making cream cheese. *Ibid.*, 23:12:50. (470)

Getting curd to absorb cream for cottage cheese. *Ibid.*, 23:12:50-51. (250)

Making whipping cream stand up. *Ibid.*, 23:12:51-52. (240)

Running milk over both sides of cooler. *Ibid.*, 23:12:52. (200)

Articles (continued)

Factors affecting whipping qualities of cream. *Ibid.*, 24:1:54. (230)

Making American whole milk and skim milk cheese. *Ibid.*, 24:1:55. (1000)

Cream plug and separation of serum in cream. *Ibid.*, 24:2:52. (430)

Correct reading of acid tests. *Ibid.*, 24:2:52-54. (1000)

Differences in bacteria count. *Ibid.*, 24:2:55-56. (300)

Effect of metals on milk. *Ibid.*, 24:3:60. (150)

Mixing night and morning milk. *Ibid.*, 24:3:60. (150)

Cream line on pasteurized milk. *Ibid.*, 24:3:60-61. (150)

Handling bottled milk. *Ibid.*, 24:3:61-62. (350)

Skim milk whitewash. *Ibid.*, 24:3:62. (400)

Does silage affect milk flavor. *Ibid.*, 24:4:70. (140)

Difficulty with whipping cream. *Ibid.*, 24:4:70-71. (450)

Homogenized coffee cream. *Ibid.*, 24:4:71. (100)

To process whipping cream. *Ibid.*, 24:4:71. (330)

Points about cottage cheese. *Ibid.*, 24:4:73. (350)

Standardizing whipping cream to plain cream. *Ibid.*, 24:4:73. (400)

Best methods and equipment for handling milk on farms and in transit to safeguard quality. *Proc. 27th An. Convention Internat. Assoc. Milk Dealers*, pp. 10-21. (3600)

With P. H. Tracy and R. J. Ramsey:

A study of the causes of a stale metallic flavor in strawberry ice cream. *Ill. Agr. Exp. Sta. Bul.* 407:411-30. (6000)

With S. L. Tuckey and G. L. Clark:

Applications of X-rays to research in dairy technology. *J. Dairy Sci.*, 17:9:587-94. (2250)

With R. J. Ramsey:

Intensifying flavor and aroma in butter. *Milk Plant Mo.*, 24:2:40. (830)

RUSK, HENRY PERLY, M.S.

Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

ARTICLES:

Tankage makes good as a cattle feed. *Nat. Live Stock Prod.*, 13:4:3,13. (2500)

RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

ARTICLES:

With K. J. Kadow:

Spray residue removal. *Trans. Ill. Hort. Soc.*, 68:191-98. (2500)

With H. W. Anderson and W. P. Flint:

The season of 1934. *Ibid.*, 68:44-53. (2800)

SARMA, P. JOSEPH, M.S., M.D.

Assistant Professor of Surgery

ARTICLES:

Sponge—heart treatment of varicose ulcers. *Proc. Instit. Med. Chicago*, 10:7.

See also George de Tarnowsky.

SCHNEEBLY, MERRILL ISAAC, A.B., J.D.,
J.S.D., Professor of Law

ARTICLES:

Restraints upon the alienation of legal interests. *Yale Law J.*, April, 1935, pp. 961-95. (19,000)

SCHWALBE, WILLIAM LOUIS, M.S.
Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

Die Torsion von Walzeisensträgern. *Ingenieur-Arch.*, 5:179-87. (4000)
Solution of torsion problem by iteration. (Abstract). *4th Internat. Congr. Applied Mech.*, July, 1934, p. 99. (300)

SCOVILL, HIRAM THOMPSON, A.B.,
C.P.A.
Professor of Accountancy and Head of the Department of Business Organization and Operation

ARTICLES:

The natural business year. *Ill. Bar. Assoc. J.*, 23:7. 2 pp.

SCUDERI, CARLO SALVADORE, B.S., M.D.
Associate in Surgery

ARTICLES:

The present status of fat embolism. *Int. Surg. Dig.*, 18:195-215. (10,000)

With G. L. Apfelbach:

An unusual carpal fracture dislocation. *J.A.M.A.*, 103:672-73. (500)

With Cubbins, Conley, and Callahan:

Fractures of the lateral condyle of the tibia. *Surg. Gyn. Obstet.*, 59:461-68. (2000)

With F. J. Jirka:

Technic of urinalysis in fat embolism. *J. Lab. Clin. Med.*, March, 1935, pp. 631-33. (700)

SEARS, ROBERT RICHARDSON, Ph.D.
Associate in Psychology

ARTICLES:

Effect of optic lobe ablation on the visuomotor behavior of goldfish. *J. Comp. Psych.*, 17:233-65. (12,000)

An experimental study of the Freudian dynamism "projection." *Psych. Bul.*, 31: 711. (150)

With L. H. Cohen, S. B. Lindley,

W. C. Shipley, and P. K. Snedden:

Psychophysiological measurements during somnolence induced by phenobarbital (luminal). *J. Gen. Psych.*, 10:415-31. (6000)

SECORD, ARTHUR WELLESLEY, Ph.D.
Assistant Professor of English

BOOKS EDITED:

A journal of the plague year, by Defoe. Doubleday, Doran, and Co., Garden City, N. Y., 1935. xxxv + 337 pp.

With R. W. Woods and others:

Worship in song. Light and Life Press, Chicago, 1935. 308 pp.

SEELY, FRED B., M.S.
Professor of Theoretical and Applied Mechanics and Head of the Department

BOOKS:

Resistance of materials. (2d ed.). John Wiley and Sons, N. Y., 1935. 436 pp.

SEVERNS, WILLIAM H., M.S.
Professor of Mechanical Engineering

ARTICLES:

Fundamentals of space heating. *Coal-Heat*, 26:4:7,48,49. (2600)

SEYBOLT, ROBERT FRANCIS, Ph.D.
Professor of the History of Education

BOOKS:

The public schools of colonial Boston, 1635-1775. Harvard Univ. Press, Cambridge, Mass., 1935. ix + 101 pp.

ARTICLES:

Rabanus Maurus. *Encyc. Soc. Sci.*, 13:24-25.
Hiram Orcutt. *Dict. Amer. Biog.*, 14:47-48.
Roswell Park. *Ibid.*, 14:207.
Selim Hobart Peabody. *Ibid.*, 14:342-43.
Cyrus Peirce. *Ibid.*, 14:403-04.
Philemon Pormort. *Ibid.*, 15:80.

SHAWL, RAY IRIS, M.S.
Assistant Professor of Agricultural Engineering

ARTICLES:

Tractor repair and maintenance. *Ill. Agr. Exp. Sta. Circ.* 425:1-51. (15,000)

SHEDD, THOMAS CLARK, M.S., C.E.
Professor of Structural Engineering

BOOKS:

Structural design in steel. John Wiley and Sons, N. Y., 1934. 560 pp.

SHELFORD, VICTOR ERNEST, Ph.D.
Professor of Zoology

ARTICLES:

The physical environment. Chapter 14 in *Hand Book of Social Psychology*, by Murchison. pp. 567-95.

The study and preservation of communities. *Ecology*, 16:274-75.

Faith in the results of controlled laboratory experiments as applied in nature. *Ecol. Monog.*, 4:491-98.

With F. L. Coventry and L. F. Miller:

The conditioning of a chloramine treated water supply for biological purposes. *Ecology*, 16:60-66.

SHELOW, HAROLD, B.S., M.D.
Instructor in Dermatology

ARTICLES:

Treatment of verrucae by local injections of bismuth. *Ill. Med. J.*, 66:332. (1000)

SHENK, JOHN HENRY, M.S.
Assistant in Chemistry

ARTICLES:

Spectrophotometric characteristics of hemoglobins. *J. Biol. Chem.*, 105:4:741-52. (4500)

SHEPARD, FRANCIS PARKER, Ph.D.
Associate Professor of Geology

ARTICLES:

American submarine canyons. *Scot. Geog. Mag.*, 50:212-18. (3000)

Detailed surveys of submarine canyons. *Science*, 80:410-11. (1200)

SHERMAN, IRENE CASE, Ph.D., M.D.
Instructor in Neuropsychiatry

ARTICLES:

Friedreich's disease. A report of two unusual cases. *Arch. Neurol. Psychiat.*, 32: 1282-85. (1800)

SHERMAN, IRENE CASE.—Articles (continued)
 With Mandel Sherman:

Psychotic symptoms and social backgrounds.
 In *The Problem of Mental Disorder*, McGraw-Hill, N. Y., 1934, pp. 339-46. (2000)

SHOUPP, WILLIAM EARL, A.M.
 Assistant in Physics

See J. H. Bartlett, Jr.

SHRINER, RALPH LLOYD, Ph.D.
 Professor of Organic Chemistry

BOOKS:

Organic Chemistry. Review questions and problems. Edwards Bros., Ann Arbor, Mich., 1934. 38 pp.

ARTICLES:

With H. R. Todd:

A comparison of the activating effect of the sulfone group with that of the nitro group. *J.A.C.S.*, 56:1382-84. (2000)

With R. S. Schreiber:

The hydrolysis of substituted benzenesulfonamides. III. Acid hydrolysis. *Ibid.*, 56:1618-19. (2000)

With S. Y. Ma:

Di-urethans as local anesthetics. *Ibid.*, 56:1630. (1000)

SIEBERT, FREDRICK S., A.B., J.D.
 Assistant Professor of Journalism

ARTICLES:

International protection of rights in news. *Proc. Press Congr.*, Columbia, Mo., 1934, pp. 100-17. (6000)

Freedom of propaganda. *Journ. Qt.*, 12:1:27-36. (3000)

With Ellen L. Ryniker:

Press winning fight to guard sources. *Ed. and Pub.*, 67:16:9,36-37. (8000)

REVIEWS:

The struggle for freedom of the press from Caxton to Cromwell, by W. B. Clyde. *Journ. Qt.*, 10:4:412-14. (1000)

SIMER, PARKE HARVEY, Ph.D.
 Associate in Anatomy

ARTICLES:

The distribution and drainage of omental lymphatics in the dog and cat. *Anat. Rec.*, 60:2:197-208. (2400)

Omental lymphatics in man. *Ibid.*, 61:4 (and supplement). (200)

SINGER, HAROLD DOUGLAS, M.D.
 Professor of Psychiatry, Head of the Department of Neuropsychiatry, and Director of the Psychiatric Institute

ARTICLES:

Gastric ulcer of the large penetrating type; relationship of size to healing and to malignancy. *Proc. Instit. Med. Chicago*, 10:11:213-14. (650)

The use of the X-ray in the diagnosis of acute abdominal affections. *Med. Clin. N. Amer.*, 18:5:1421-41. (5500)

With K. A. Meyer:

Perforation of jejunal ulcer into the free abdominal cavity. *Arch. Surg.*, 29:2:248-63. (7500)

Articles (continued)

With F. Steigmann:

Idiopathic spastic ileus with fatal termination. *Amer. J. Surg.*, 27:2:342-48. (4500)

Pernicious anemia following resection for gastric syphilis. *Amer. J. Syph. Neurol.*, 18:4:444-57. (4000)

SISSON, WAYNE ANDREW, Ph.D.
 Special Research Associate in Chemistry

ARTICLES:

X-ray analysis of textile fibers. Part IA, supplement to literature survey. *Textile Res.*, 4:9:429-35. (2000)

X-ray analysis of textile fibers. III. Structure of the cellulose crystallite as interpreted from X-ray diffraction data. *Ibid.*, 5:3:119-33. (7000)

X-ray studies of crystallite orientation in cellulose fibers: natural fibers. *Ind. Eng. Chem.*, 27:51-56. (6000)

With Wanda K. Farr:

X-ray diffraction patterns of cellulose particles and interpretations of cellulose diffraction data. *Contrib. Boyce Thompson Instit.*, 6:3:315-21. (3000)

See also G. L. Clark.

SLOAN, HUBERT JOHN, Ph.D.
 Associate in Poultry Husbandry

ARTICLES:

The seasonal variation in the antirachitic effectiveness of sunshine. *J. Nutr.*, 8:731-49. (4500)

SMITH, CLOYDE MOFFETT, E.M., Ph.D.
 Research Assistant Professor of Mining Engineering

ARTICLES:

A comparison, coal, oil, and gas—advantages and disadvantages. *Coal-Heat*, 26:2:5-8. (2700)

Coal division has interesting sessions. *Min. and Met.*, 16:339:139-40. (1200)

Ground movement and subsidence. *Ibid.*, 16:339:147. (300)

Application of model tests to the determination of losses resulting from the transmission of air around a mine shaft-bottom bend. *Ill. Eng. Exp. Sta. Bul.* 265. (7000)

SMITH, E. EVELYN, A.M.
 Assistant Professor of Institution Management

ARTICLES:

Condensed report of committee on survey of quantity cookery courses. *Amer. Diet. J.*, 10:6:518. (800)

SMITH, GEORGE FREDERICK, Ph.D.
 Associate Professor of Chemistry

BOOKS:

Dehydration studies using magnesium perchlorate. G. F. Smith Chemical Co., Columbus, Ohio, 1934. viii + 59 pp.

ARTICLES:

Mixed perchloric and sulfuric acids. I. Simultaneous oxidizing and reducing properties of hot concentrated perchloric acid. *Ind. Eng. Chem. Anal. Ed.*, 6:229. (1900)

With C. A. Getz:

Mixed perchloric and sulfuric acids. II. Potassium ferro- and ferricyanides as ref-

Articles (continued)

erence standards in the evaluation of titanous solutions. *Ibid.*, 6:252. (1600)

The improved synthesis of o-phenanthroline. *Chem. Rev.*, 16:113. (2100)

With B. S. Friedman:

The hydrochloric acid metathesis of barium perchlorate to form perchloric acid. *J. Soc. Chem. Ind.*, 53:299. (700)

With F. M. Stubblefield and F. B. Middleton:

Occlusions of water by potassium and sodium chlorides. The influence on direct determination of sodium. *Ind. Eng. Chem., Anal. Ed.*, 6:314. (600)

With J. L. Gring:

Rubber stopper remolding for reduced pressure filtration. *Ibid.*, 6:385. (500)

SMITH, LOUIE HENRIE, Ph.D.

Chief, in Charge of Publications, Soil Survey

ARTICLES:

Late-sown emergency feed crops for Illinois. *Ill. Agr. Exp. Sta. Circ.* 423:3-8. (2000)

SMITH, PAUL WINSTON, Ph.D.

Associate in Physiology

Books:

See M. B. Visscher.

ARTICLES:

Total versus extra oxygen consumption in muscle activity in relation to fiber length. *Proc. Soc. Exp. Biol. Med.*, 32:257-60. (1100)

The relation between lactic acid concentration and oxygen consumption in resting and active muscle. *Proc. Amer. Physiol. Soc.*, Apr., 1935, p. 124. (400)

SMITH, RAYMOND STRATTON, Ph.D.

Professor of Soil Physics

ARTICLES:

Classification of Illinois lands. *Trans. Ill. Acad. Sci.*, 27:1:23-26. (1700)

SMITH, WALTER HAYDEN

Mechanician in the Mechanical Engineering Laboratory

See G. L. Clark.

SNIDER, HOWARD JOHN, M.S.

Assistant Chief in Soil Experiment Fields

ARTICLES:

A chemical study of a soil under long-continued field experiments. *J. Amer. Soc. Agron.*, 26:11:946-53. (2700)

The solubility of phosphorus in soils from some Illinois experiment fields. *Soil Sci.*, 38:6:471-76. (1800)

With M. A. Hein:

The influence of soil treatment upon the composition of sweet clover. *J. Amer. Soc. Agron.*, 26:9:740-45. (2200)

With J. E. Gieseking and C. A. Getz:

Destruction of organic matter in plant material by the use of nitric and perchloric acids. *Ind. Eng. Chem.*, 7:185. (1700)

SPIELMAN, MARVIN ANDREW, Ph.D.

Special Research Assistant in Chemistry

ARTICLES:

The structure of Troeger's base. *J. Amer. Chem. Soc.*, 57:583-86. (1500)

SPIESMAN, IRWIN G., B.S., M.D.

Instructor in Medicine

See Ernst Gellhorn.

STALEY, SEWARD CHARLE, Ph.D.

Professor of Physical Education for Men

Books:

The curriculum in sports. W. B. Saunders Co., Philadelphia, 1935. 372 pp.

STECK, ISADORE ELIHU, M.S., M.D.

Assistant in Physiology

See C. I. Reed.

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See D. T. Englis.

STEGGERDA, FREDERIC RUSSELL, Ph.D.

Associate in Physiology

ARTICLES:

With W. R. Amberson and others:

On the use of Ringer-Locke solutions containing hemoglobin as a substitute for normal blood in mammals. *J. Cell and Comp. Physiol.*, 5:3:359-82. (6600)

With A. G. Mulder, W. R. Amberson, and James Flexner:

Oxygen consumption with Hemoglobin-Ringer. *Ibid.*, 5:3:383-96. (2600)

With H. E. Essex:

Comparative study of effects of preparations of posterior lobe of pituitary gland on water interchange in frogs. *Proc. Soc. Exp. Biol. Med.*, 32:425-28. (1100)

With H. E. Essex and F. C. Mann:

The inactivation of histamine in perfused organs. *Amer. J. Physiol.*, 112:1:70-73. (1200)

STEIGMANN, FREDERICK, B.S., M.D.

Instructor in Medicine

ARTICLES:

Facial tularemia. Diagnostic difficulties of this unusually located primary lesion. *Ill. Med. J.*, 67:3:271-74. (2500)

See also H. D. Singer.

STERRETT, ROBERT R., M.S.

Special Research Assistant in Chemistry

See G. L. Clark.

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Professor of Agricultural Economics

See W. L. Burlison.

STRUCK, HAROLD CARL, Ph.D.

Instructor in Physiology

See C. I. Reed and M. B. Visscher.

SUMMERVILLE, MILTON JOSEPH, M.D.

Instructor in Obstetrics and Gynecology

ARTICLES:

Management of incomplete abortion. *Aux. Plaines News* (Chicago Med. Soc.), May, 1935.

Forceps under local infiltration anesthesia. *Ibid.*, Dec., 1934.

SUTTON, ARLE HERBERT, Ph.D.

Assistant Professor of Geology

ARTICLES:

Stratigraphy of the Okaw in southwestern Illinois. *J. Geol.*, 42:6:621-29. (3000)

SUTTON, A. H.—Articles (continued)

Evolution of pterotocrinus in the eastern interior basin during the Chester epoch. *J. Paleontology*, 8:4:393-416. (16,000)

Ovoviviparous reproduction of miocene turritellidae. *Amer. Mid. Naturalist*, 16:1:107-09. (1700) Abstract in *Trans. Ill. Acad. Sci.*, 27:2:118. (360)

SWANN, SHERLOCK, JR. Ph.D.

Research Assistant Professor of Chemical Engineering

ARTICLES:

With S. S. Kistler and E. G. Appel:

Thoria aerogel catalyst: aliphatic esters to ketones. *Ind. Eng. Chem.*, 26:1014. (300)

With Jack Feldman:

Electrolytic reduction of methyl-n-propyl ketone to n-pentane. *Trans. Electrochem. Soc.*, 67:19-24. (1700)

With G. H. Nelson:

The electrolytic reduction of acetophenone. *Ibid.*, 67:49-54. (2000)

TAKATS, GÉZA DE, M.D., M.Surg.

Assistant Professor of Surgery

ARTICLES:

The effect of surgical procedures on sugar tolerance of diabetic patients. *Med. Clin. N. Amer.*, 17:1507-19.

Diagnosis and treatment of peripheral vascular disturbances of the extremities. *J. Med. (Cincinnati, O.)*. (2300)

The determination of the proper level of amputation. *Internat. J. Med. Surg.*, 47:7.

Obliterative vascular disease. A preliminary report on treatment by alternating negative and positive pressure. *J.A.M.A.*, 103:1920-24. (5700)

Peripheral vascular disease. *Ibid.*, 104:1463-67. (5000)

With J. P. Cuthbert:

The effect of suprarenal denervation and splanchnic section of sugar tolerance of dogs. *Arch. Surg.*, 30:151-61. (4400)

REVIEWS:

Le diagnostic des phlébites des membres, by M. Audier. *J.A.M.A.*, 103:865. (100)

TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D., Professor of Municipal and Sanitary Engineering, Emeritus

ARTICLES:

Stresses in railroad track. *Proc. Amer. Ry. Eng. Assoc.*, 35:1148-55. (4600)

The design of tie-plates, *Ibid.*, 35:1126-31. (3600)

The function of ballast. *Ibid.*, 35:1112-14. (1600)

TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

ARTICLES:

Some bacteriological problems involved in home canning procedures. *J. Home Econ.*, 26:365-76. (5000)

Home canning and public health. *Amer. J. Pub. Health*, 25:301-13. (7700)

The microbiological examination of fresh and frozen fruits and vegetables. *Ibid.*, 24:485-92. (5000)

Articles (continued)

With J. R. Byerley:

The effect of ultraviolet light on the fermenting ability of yeasts. *Arch. für Mikro.*, 5:3:349-57. (3500) Abstract in *Trans. Ill. Acad. Sci.*, 27:65. (500)

With Grace B. Armstrong:

Home canning of foods for family use. *Ill. Agr. Exp. Sta. Circ.* 394. (Rev. ed.) (10,500)

With Florence L. Evans:

Effect of meat curing solutions on anaerobic bacteria. III. Sodium nitrite. *Zent. Bakt.*, Abt. 2. (4500)

Effect of meat curing solutions on anaerobic bacteria. IV. The effect of mixed curing solutions. *Ibid.* (3500)

With Doris L. Schneider:

Effect of temperature of storage on bacteria in water samples. *Proc. Soc. Exp. Biol. Med.* (2500)

See also G. I. Wallace.

TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

ARTICLES:

With P. J. Sarma:

Polyp of the jejunum causing intussusception. *Surg. Clin. N. Amer.*, Aug., 1934.

Subdural hemorrhage. *Ibid.*

Surgical treatment of chronic pancreatitis. *Proc. Instit. Med. Chicago*, Apr. 15, 1935.

TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

ARTICLES:

With C. F. Harrold, Helen C. White, and F. E. Faverty:

Victorian bibliography for 1933. *Mod. Philol.*, 31:4:395-434. (15,000)

THEISS, EDWIN LEODGAR, Ph.D., C.P.A.

Associate Professor of Accountancy

REVIEWS:

Budget Kontrolle in Industriellen Unternehmen, by Dr. Heinz Ludwig. *Acct. Rev.*, 9:4:358-59. (900)

Business budgets and budgetary control, by A. W. Willshire. *Ibid.*, 9:4:359-61. (1900)

THOMAS, HENRY BASCOM, B.S., M.D.

Professor of Orthopaedics, Head of the Department, and Director of the Orthopaedic Institute

ARTICLES:

Exceptional case of undifferentiated sarcoma of the humerus. *J. Bone Joint Surg.*, 17:2:478-82. (770)

THOMPSON, CLYDE LOWRY, M.S.

Associate in Ceramic Engineering

ARTICLES:

Quantitative microscopic determination of the quartz content of commercial ground feldspars. *J. Amer. Cer. Soc.*, 14:8:257-58. (1100)

Notes on some effects of the variety of flint used on the properties of a hotel china body. *Ibid.*, 17:9:268-71. (1600)

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

ARTICLES:

Here is how you can make good strawberry ice cream. *Ice Cream Trade J.*, 31:4:15-17.

Articles (continued)

Properties, virtues, and possible drawbacks of homogenized milk. *Milk Plant Mo.*, 24:4.
See also H. A. Ruehe.

TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, Emeritus

ARTICLES:

New amplifications of the North American Piperaceae. *Proc. Amer. Phil. Soc.*, 73: 327-30.

Quercus generis species novae Mexicanae. (Ascribed by error to S. F. Trelease). *Fedde's Repertorium*, 33:314-19.

TRJITZINSKY, WALDEMAR JOSEPH,

Ph.D., Assistant Professor of Mathematics

ARTICLES:

The general case of linear integro-differential equations. *Proc. Nat. Acad. Sci.*, 1934, pp. 668-72. (2000)

A theory of quasi-analytic classes. *Math. Zeits.*, 1935, pp. 560-90. (15,000)

Laplace integrals and factorial series in the theory of linear differential and linear difference equations. *Trans. Amer. Math. Soc.*, 1935, pp. 80-146. (34,000)

TROTIER, ARNOLD HERMAN, A.M.

Catalog Librarian

ARTICLES:

Economies in the cataloging of continuations. *Amer. Lib. Assoc., Catalogers' and Classifiers' Yearbook*, 4:29-38. (3700)

TUCKEY, STEWART LAWRENCE, M.S.

Associate in Dairy Manufactures

See G. L. Clark and H. A. Ruehe.

TUTHILL, JOHN KLINE, B.S., E.E.

Associate Professor of Railway Electrical Engineering

Books:

Transit engineering. John S. Swift Co., St. Louis, 1935. 334 pp.

TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

ARTICLES:

Methods of detection and measurement of ionization in dielectrics. *Trans. Ill. Acad. Sci.*, 26:111-12. (700)

With W. A. Laming:

Oscillations due to corona discharges. *Rpt. Nat. Res. Council, Comm. Elect. Insul.*, 1934, pp. 16-17. (600)

With E. B. Paine and H. A. Brown:

Method of and means of testing insulation. U. S. Patent No. 1,943,391. 20 pp. (17,000)

Method of and means of testing cables. U. S. Patent No. 1,943,392. 11 pp. (9000)

TYLOR, W. RUSSELL, Ph.D.

Assistant Professor of Sociology

ARTICLES:

The setting for the social drama. *Friends Intelligencer*, 91:44:699. (1200)

VAN CLEAVE, HARLEY JONES, Ph.D.

Professor of Zoology

Books:

With Justus F. Mueller:

Parasites of Oneida Lake fishes. Part 3. A

BOOKS (continued)

biological and ecological survey of the worm parasites. *Roosevelt Wild Life Ann.*, 3:3:155-334.

ARTICLES:

Natural vs. accidental death in different habitats of the snail, *Viviparus con-tectoides*. *Trans. Ill. Acad. Sci.*, 26:3:136.

The seasonal life history of an amphibious snail, *Fossaria modicella*, living on sandstone cliffs. *Ecology*, 16:1:101-08.

Observations on the status of certain genera of Acanthocephala, chiefly from birds. *J. Parasitol.*, 20:6:324.

Studies on the life cycle and reversal of symmetry in a fresh-water snail, *Campeloma rufum*. *Anat. Rec.*, 60:4:94-95.

Seasonal life history of a snail of the genus *Fossaria*. *Trans. Ill. Acad. Sci.*, 27:2:161.

Man meddles with nature. *Sci. Mo.*, 40:4: 339-48.

Invertebrates in their relation to man. *Gamma Alpha Rec.*, 25:2:47-50.

VAN DERPOOL, JAMES GROTE, B.Arch.

Assistant Professor of the History of Architecture

ARTICLES:

The recovery of the Saint Sophia mosaics. *Mo. Bul. Ill. Soc. Arch.*, 19:8,9:1-3. (2000)

VAN HORNE, JOHN, Ph.D.

Professor of Romance Languages

ARTICLES:

Bernardo de Balbuena in Jamaica. *Gleaner* (Kingston, Jamaica), June, 1934. (12,000)

VESTAL, ARTHUR GIBSON, Ph.D.

Associate Professor of Botany

ARTICLES:

Segregation of vegetation into associations and into less extensive units. (Abstract). *Bul. Ecol. Soc. Amer.*, 15:4:31. (150)

A bibliography of the ecology of Illinois. I. (Compilation with annotations). *Trans. Ill. Acad. Sci.*, 27:2:163-261. (39,000)

VISSCHER, MAURICE B., Ph.D., M.D.

Professor of Physiology and Head of the Department

Books:

With Paul W. Smith:

Experimental physiology. Edwards Bros., Ann Arbor, Mich., 1935. 99 pp.

ARTICLES:

Bernhard Bavink and the personal equation. *New Humanist*, 7:4:25-27. (1250)

Renewed opposition to animal experimentation. *Ibid.*, 8:1:7-12. (2400)

New investigations on the production of edema. *Illini Scope*, Dec., 1934, pp. 10-11. (1200)

Reform in the system of scientific publication. *Science*, 80:2072:245-46. (1500)

With H. S. Burns:

The influence of various anions of the lyotropic series upon the sodium and chloride content of fluid in the intestine. *Amer. J. Physiol.*, 110:2:490-98. (4500)

With H. C. Peters and C. E. Rea:

Influence of calcium ions upon energy metabolism of the mammalian heart. *Proc. Soc. Exp. Biol. Med.*, 32:268-71. (1200)

VISSCHER, M. B.—Articles (continued)

With H. C. Peters:

The influence of digitalis-like glucosides on energy liberation and efficiency in the isolated mammalian heart. *Proc. Amer. Physiol. Soc.*, April, 1935. pp. 105-06. (350)

With H. C. Struck:

Studies on changes with increasing age in the phosphorus fractions of various tissues of the rat. *Ibid.*, p. 128. (260)

With R. C. Ingraham:

Factors influencing the movement of chloride against its diffusion gradient between intestine and blood. *Ibid.*, p. 135. (300)

See also H. G. Poncher.

WACHOWSKI, THEODORE JOHN, B.S., M.D.

Assistant in Roentgenology

See Adolph Hartung.

WALLACE, GEORGE IRA, Ph.D.

Assistant Professor of Bacteriology

ARTICLES:

With F. W. Tanner:

Microbiology of frozen foods. II. Studies on fruits and vegetables. *Fruit Prod. J.*, 13: 274-77, 366-69; 14:145-47, 151. (10,000)

Microbiology of frozen foods. III. Longevity of pure cultures of microorganisms frozen in various menstra. *Ibid.*, 14:235-37. (2000)

WARD, GLADYS JOSEPHINE, A.M.

Associate in Home Management Extension

ARTICLES:

Safety code for homemakers—to prevent home accidents. (Rev.) *Ill. Home Econ. Ext. Serv.*, Mimeo. (350)

With Ruth Crawford Freeman:

Illinois farm family living. Agricultural outlook for Illinois 1935. *Ill. Agr. Exp. Sta. Circ.* 426:11-13. (500)

WARD, HENRY BALDWIN, Ph.D., LL.D.

Professor of Zoology, Emeritus

ARTICLES:

Preliminary announcement of the Berkeley meeting. *Science*, 79:396-402. (5500)

Robert Henry Wolcott. *Ibid.*, 79:422-23. (550)

The Berkeley meeting of the American Association for the Advancement of Science. *Ibid.*, 80:43-62. (10,500)

Preliminary announcement of the third Pittsburgh meeting. *Ibid.*, 80:484-85. (5000)

The Pittsburgh meeting of the American Association for the Advancement of Science and Associated Societies. *Ibid.*, 81: 103-36. (18,000)

Pittsburgh meeting of the American Association. *Nature*, 135:238-39. (900)

Parasitism and disease among oceanic fishes: economic aspects and epidemics due to animal parasites. *Proc. 5th Pacific Sci. Congr.*, 5:4177-82. (3300)

With Judith Fillingham:

A new trematode in a toadfish from south-eastern Alaska. *Proc. Helminthological Soc.*, 1:2:25-34. (5200)

REVIEWS:

Schistosomiasis, by Dr. Rameses Girges. *J. Parasitol.*, 21:138. (440)

WARREN, WILLIAM J., M.S.

Assistant in Electrical Engineering

See G. L. Clark.

WATSON, FLOYD ROWE, Ph.D.

Professor of Experimental Physics

ARTICLES:

Research in sound insulation. *Contrib. 2d An. Min. Ind. Conf., Ill. Geol. Surv.*, Nov., 1934. pp. 127-30. (1250)

Report of committee on sound-absorption measurements. (Abstract). *J. Acous. Soc.*, Apr. 1935. (200)

REVIEWS:

Modern acoustics, by A. H. Davis. *Ibid.* (350)

The problem of noise, by F. C. Bartlett. *Ibid.* (160)

Signals and speech in electrical communication, by John Mills. *Ibid.* (150)

WATSON, TULLY F., Ph.D.

Assistant in Physics

ARTICLES:

With F. W. Loomis:

Spectrum of tin oxide. *Phys. Rev.*, 45:803.

WEBB, RICHARD LOCKWOOD, Ph.D.

Assistant Professor of Anatomy

ARTICLES:

Cinematographic studies of the effect of certain chemicals and drugs upon living mesenteric lymphatics. *Anat. Rec.*, 61:4 (and supplement). (200)

WEINARD, FREDERICK F., Ph.D.

Associate Professor of Floricultural Physiology

ARTICLES:

Carnation pointers. *Flor. Rev.*, 75:1934:29. (400)

A comparison of flower production by different varieties of roses. *Ibid.*, 1937:11-12. (1000)

Handling Kalanchoë seeds. *Ibid.*, 1940:21. (450)

Report of retailers' section of Illinois florists' week. *Ibid.*, 1941:19-20. (1800)

Report of the pathologist of the society of American florists. *Proc. Bd. Dir., S. A. F. and O. H.*, pp. 94-95. (600)

Spacing carnation plants. *Flor. Rev.*, 76: 1951:11. (600)

With C. C. Compton:

Spraying in the garden. *Hort. Mimeo. Circ.* 5. (400)

With S. W. Decker:

Effects of prolonged storage on forcing qualities of summer-budded roses. *Ill. Agr. Exp. Sta. Bul.* 409. (2800)

WELKER, WILLIAM HENRY, A.C., Ph.D.

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ARTICLES:

With L. Hektoen:

Precipitogenic action of human plasma and its constituents. *J. Infect. Dis.*, 55:271-75. (1000)

With B. Z. Rappaport and T. Nelson:

The effect of low relative humidity at constant temperature on pollen asthma. *J. Allergy*, 6:111-22. (2400)

Articles (continued)

With T. Nelson, B. Z. Rappaport, and
A. G. Canar:

Gas summer air conditioning in the treatment of pollen asthma. *Amer. Gas Assoc.*, 17:6-9. (1300)

Air conditioning in the treatment of pollen asthma. *Heating, Piping, and Air Conditioning*, 6:8:329-31. (2000)

WERNER, RAYMOND CLARENCE, Ph.D.

Assistant Professor of History

See T. C. Pease.

WESTERGAARD, HARALD MALCOLM,

Ph.D., Dr.Eng., Dr.Techn., D.Sc.

Professor of Theoretical and Applied Mechanics

REVIEWS:

Stress functions for shells, illustrated by a problem of buckling. (Abstract). *Congr. for Applied Mech.* (Cambridge, England), p. 124. (300)

With R. D. Mindlin:

Structural beams in torsion. *Proc. Amer. Soc. Civ. Eng.*, 61:509-12. (1500)

WHITLOCK, MARY CECILIA, A.M.

Assistant Professor of Home Economics

ARTICLES:

Wanted—dependability and information. *Retailing* (Exec. Ed.), 6:49:12. (530)

What information helps consumers. *Ibid.*, 7:5:11,14. (1200)

WICKWIRE, GEORGE CHARLES, M.S.

Instructor in Physiology

See W. E. Burge.

WIEN, MAX SAMUEL, B.S., M.D.

Associate Professor of Dermatology

ARTICLES:

Inguinal lymphogranuloma in its relation to stricture of the rectum. *Arch. Path.*, 19: 331-40. (2400)

WILEY, CARROL CARSON, B.S., C.E.

Associate Professor of Highway Engineering

BOOKS:

Principles of highway engineering. (2d ed.). McGraw-Hill Book Co., N. Y., 1935. xiv + 542 pp.

ARTICLES:

Estimating the economic value of proposed highway expenditures. *Trans. Amer. Soc. Civ. Eng.*, 99:1149-54.

Improved arrows for highway signs. *Roads and Streets*, 77:10:376-77.

WILL, SAMUEL FREDERIC, Ph.D.

Assistant Professor of Romance Languages

REVIEWS:

Rabelais in English literature, by Huntington Brown. *J. Engl. Germ. Philol.*, 34: 279-82. (1400)

WILLARD, ARTHUR CUTTS, B.S., D.Eng.,

LL.D., President of the University

See A. P. Kratz.

WILLIAMS, CHARLES ALLYN, Ph.D.

Professor of German

BOOKS:

With Louis Allen:

German legends of the hairy anchorite. *Ill. Studies in Lang. and Lit.*, 17:1-2. Univ. of Ill. Press, Urbana, 1935. 140 pp.

WILLIAMS, ELMER HOWARD, Ph.D.

Associate Professor of Experimental Physics

ARTICLES:

Magnetic properties of rare earth salts. *Phys. Rev.*, 46:133-34. (600)

WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments Committee

ARTICLES:

The preparation of a high school teacher. *Ill. Teacher*, 23:5:133-34. (2300)

WILLIS, DAVID ARTHUR, B.S., M.D.

Instructor in Surgery

See Jacob Morton Mora.

WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

ARTICLES:

Bearing value of small rollers. *Amer. Ry. Eng. Assoc. Bul.* 36:374:691-708. (6000)

With R. W. Kluge:

Laboratory tests of three-span reinforced concrete arch ribs on slender piers. *Ill. Eng. Exp. Sta. Bul.* 269. 120 pp.

Laboratory tests of three-span reinforced concrete arch bridges with decks on slender piers. *Ill. Eng. Exp. Sta. Bul.* 270. 131 pp.

WINAKOR, ARTHUR H., Ph.D., C.P.A.

Statistician, Bureaus of Business Research and Institutional Research

ARTICLES:

Creditors' protection and stockholders' responsibility. *Acct. Rev.*, 9:3:246-53. (4500)

Incidence of expenses in accounting. *Ibid.*, 9:4:312-18. (5400)

Financial aspects of corporate net worth. *Ill. Bur. Bus. Res. Bul.* 50. 34 pp. (16,000)

WINDSOR, PHINEAS LAWRENCE, Ph.B.

Director of the Library, Director of the Library School, and Professor of Library Science

ARTICLES:

What should be the objectives and content of public documents courses? Chapter in *Public Documents*, Amer. Lib. Assoc., Chicago, pp. 171-90. (6000)

Research projects at the University of Illinois Library School. *A.L.A. Bul.* 28:659-60. (900)

REVIEWS:

The library's own printing, by F. K. Walter. *Ibid.*, 28:821-22. (400)

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

BOOKS:

With H. C. Warren and others:

Dictionary of psychology. Houghton Mifflin Co., Boston, 1934. x + 372 pp.

WOODROW, H.—Articles (*continued*)

The effect of practice upon time-order errors in the comparison of temporal intervals. *Psych. Rev.*, 42:2:127-52. (11,000)

WOODWARD, HELEN, M.S.

Research Assistant in Pediatrics

See H. G. Poncher.

WRIGHT, IVAN, Ph.D.

Professor of Economics

ARTICLES:

Price fixing and inflation. *Bankers Mag.*, 129:6. (6000)

The monetary situation as it affects the economic outlook for 1935. *Executive Club of Chicago News*, 11:16. (10,000)

The monetary outlook and confidence for 1935. *Econ. Nat. Comm. on Monetary Policy, Bul.*, March, 1935. (7500)

The effect of the gold clause decisions upon the future American financial policy. *Young Executive*, June, 1935. (5000)

The effect of the gold clause decisions upon the foreign financial relations of the United States. *People's Money*, July, 1935. (6000)

Economic consequences of the gold clause decisions. *LaSalle Street Cashier*, 11:3.

The government and bankers in partnership. *Ibid.*, 10:6. (1200)

To inflate or not to inflate. *Winchester Instit. of Finance*, Aug. 13, 1934. (1000)

Some constructive developments. *Ibid.*, Dec. 3, 1934. (600)

Unsettled foreign exchanges. *Ibid.*, Apr. 8, 1935. (600)

Roosevelt to the bankers. *Ibid.*, Nov. 5, 1934. (700)

Effect of gold clause decisions. *Ibid.*, Mar. 4, 1935. (800)

Commodities and bull markets. *Ibid.*, Oct. 8, 1934. (800)

Money, credit, and speculation. *Ibid.*, Jan. 14, 1935. (800)

Cheap money and investment. *Ibid.*, Feb. 11, 1935. (700)

With Jules Backman:

The futility of price fixing. *Barron's*, July 23, 1934. (4000)

REVIEWS:

The federal reserve act, its origin and problems, by J. Lawrence Laughlin. *Amer. Hist. Rev.*, 40:3:570-71.

YARROS, RACHELLE S., M.D.

Professor of Social Hygiene

ARTICLES:

The education of clinic patients in social hygiene. *J. Soc. Hyg.*, 20:8:390-93. (2000)

YOUNG, PAUL THOMAS, Ph.D.

Professor of Psychology

BOOKS:

With H. C. Warren and others:

Dictionary of psychology. Houghton Mifflin, N.Y., 1934. 372 pp.

ARTICLES:

The approach to satiation for different kinds of food. *Psych. Bul.*, 31:9:733. (300)

ZECHEL, GUSTAV LEOPOLD, M.D.

Assistant Professor of Anatomy and Associate in Surgery

ARTICLES:

With O. Morgenstern:

A timing device for taking motion pictures. *Science*, 81:2088:23-24. (1200)

ZEITLIN, HOWARD, M.S., M.D.

Assistant in Pathology and in Neuropsychiatry

ARTICLES:

Adamantinomas of the hypophyseal stalk and sphenoid bone. *Amer. J. Cancer*, 23:4:729-40.

ZEITLIN, JACOB, Ph.D.

Professor of English

BOOKS EDITED:

The essays of Michel de Montaigne. Vol. I. (Trans.). Knopf, N.Y., 1934. xcix + 434 pp.

With F. W. Scott:

College readings in English prose. (3d ed.). Macmillan Co., N.Y., 1935, 762 pp.

ARTICLES:

William Hazlitt. An appreciation of a great literary journalist. *Sat. Rev. Lit.*, 11:26:417-18. (3000)

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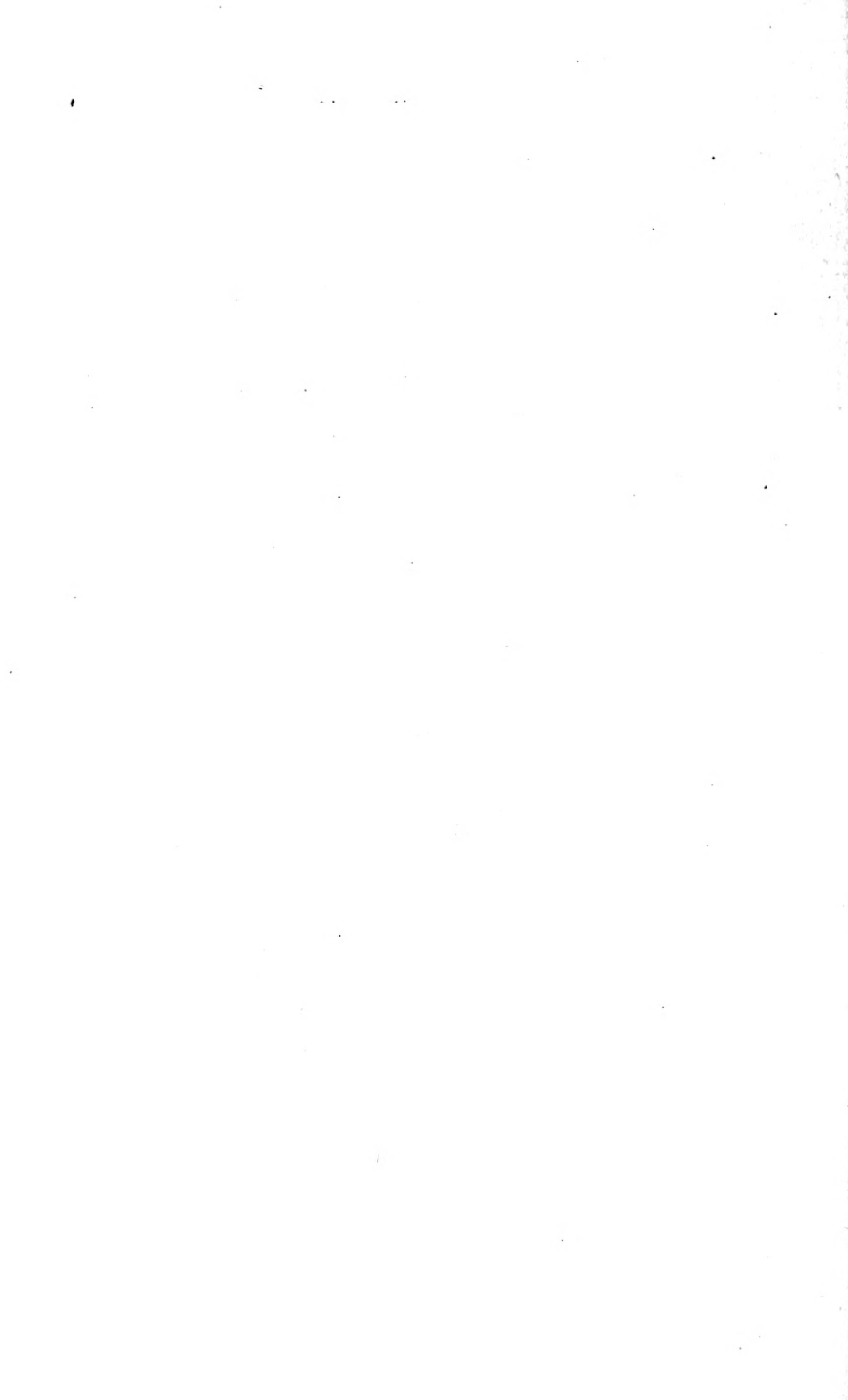
BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1935—APRIL 30, 1936



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS



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BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1935—April 30, 1936

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1936, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1936-37 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ABELSON, SOL M., B.S., M.D.

Assistant in Pediatrics

See J. H. Hess.

ADAMS, LEVERETT ALLEN, Ph.D.

Associate Professor of Zoology

ARTICLES:

Dental variations of the dog. *Trans. Ill. Acad. Sci.*, 28:2:243-44. (1000)

ADAMS, ROGER, Ph.D., D.Sc.

Professor of Organic Chemistry and Head of the Department of Chemistry

BOOKS EDITED:

With J. R. Johnson and others:

Organic syntheses, Vol. 15. John Wiley and Sons, N.Y. 1935. v + 104 pp.

Organic syntheses, Vol. 16. John Wiley and Sons, N.Y. 1936. x + 104 pp.

ARTICLES:

With W. E. Hanford:

The structure of vasicine. II. Synthesis of desoxyvasicine. *J.A.C.S.*, 57:921-24. (2000)Stereochemistry of diphenyls. XLI. The effect of 4-substitution on the rate of racemization of 2-nitro-6-carboxy-2'-methoxydiphenyl. *Ibid.*, 57:1592-95. (1900)

With R. C. Morris and W. E. Hanford:

The structure of vasicine. III. Position of the hydroxyl group. *Ibid.*, 57:951-54. (1500)

With C. C. Li:

Stereochemistry of diphenyls. XL. The effect of temperature and solvent on the rate of racemization of 2-nitro-6-carboxy-2'-alkoxydiphenyls. *Ibid.*, 57:1565-69. (2500)

With E. E. Gruber:

Synthesis of certain hydrogenated phenanthrenes. *Ibid.*, 57:2555-56. (700)

With C. Y. Hsing:

Relative rates of racemization of substituted diamides of 2,2'-dimethoxy-6,6'-dicarboxydiphenyl. XLII. *Ibid.*, 58:587-89. (1200)The relation of the university scientist to the chemical industries. *Ind. Eng. Chem.*, (News ed.), 13:365-67. (1250)

ALEXANDER, LEE LINSLEY, A.M.

Assistant in Chemistry

See R. C. Fuson.

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

ARTICLES:

Introduction to cost finding. *Pub. Aux.*, 71:1:4. (675)Cost finding defined. *Ibid.*, 71:2:4. (580)

Articles (continued)

Time units in cost finding. *Ibid.*, 71:3:4. (710)Keeping time. *Ibid.*, 71:4:4. (700)Start "weeding" singles. *Ibid.*, 71:5:4. (930)Distributing expenses. *Ibid.*, 71:6:4. (740)Did you answer that letter? *Ibid.*, 71:7:4. (740)Determining "fixed" expenses. *Ibid.*, 71:8:4. (640)First of the month. *Ibid.*, 71:9:5. (860)Item by item. *Ibid.*, 71:10:4. (880)Accuracy in time records. *Ibid.*, 71:11:4. (700)Payroll records. *Ibid.*, 71:12:4. (710)The value of a trial balance. *Ibid.*, 71:13:4. (760)Beware of "adjustment companies." *Ibid.*, 71:14:4. (950)Productive and non-productive time. *Ibid.*, 71:15:4. (720)Making collections. *Ibid.*, 71:16:4. (730)Proper time recording. *Ibid.*, 71:17:4. (700)Departments in cost finding. *Ibid.*, 71:18:4. (690)Cost accounting system is simple. *N.E.A. Pub.*, 16:2:14. (750)Practices what he preaches. *Ibid.*, 16:4:14. (1000)Does money slip away too easily? *Ibid.*, 16:3:14. (1100)Industry lags in cost accounting. *Ibid.*, 16:1:4. (300)

ALLGAIER, EARL, M.S.

Assistant in Psychology

ARTICLES:

Visual factors in space perception. *Proc. Iowa Acad. Sci.*, 42. (800)A portable chronoscope. *Amer. J. Psych.*, 47:685-88. (1000)

See also G. D. Higginson.

ALLISON, LOWELL EDWARD, M.S.

Assistant in Soil Biology

ARTICLES:

Organic soil carbon by reduction of chromic acid. *Soil Sci.*, 40:4:311-20. (3500)

ALMY, GERALD MARKS, Ph.D.

Assistant Professor of Physics

ARTICLES:

With G. D. Kinzer:

The emission spectrum of diatomic arsenic. *Phys. Rev.*, 47:721-30. (7500)

ALMY, G. M.—Articles (continued)

With G. R. Irwin:

Mass ratio of the lithium isotopes. *Ibid.*, 48:104-05. (1500)Mass ratio of the lithium isotopes from the spectrum of Li . *Ibid.*, 49:72-77. (4500)

With R. B. Horsfall:

Band spectrum of BH and BH^+ (Abstract). *Bul. Amer. Phys. Soc.*, 11:2.ALSTROM, WILLMER OLOF, B.S.
Teacher in the University High School
See C. O. Jackson.AMBROSIUS, EDGAR ELMER, M.S.
Associate in Mechanical Engineering

ARTICLES:

With J. C. Reed:

Flow of water in piping studied with movie camera. *Amer. Soc. Heat. Vent. Eng. J.*, 7:12:578-81. (2000)ANDERSON, A. MARIE, A.M.
Associate in Art

BOOKS EDITED:

Art manual for high school teachers. Univ. of Ill., Info. Office, Mimeo., 1936. 86 pp.

ANDERSON, CHESTER REED, A.M.
Assistant Professor of English

ARTICLES:

Teachers' recommendations that are honest—or otherwise. *Amer. Sch. Bd. J.*, 90:5:19. (2500)Mr. Principal looks at the application letter. *Ill. Teacher*, 23:9:277. (3500)ANDERSON, HARRY WARREN, Ph.D.
Professor of Pomological Pathology

ARTICLES:

What fungicides should be used for apple diseases in 1936? *Trans. Ill. Hort. Soc.*, 69:441-56. (3650)Use and abuse of spray schedules. *Ibid.*, 69:155-64. (2800)

With K. J. Kadow:

Zinc sulfate in peach and apple sprays. *Ibid.*, 69:246-53. (1750)The relation of zinc sulfate to injury from peach and apple sprays in the 1935 season. *Phytopath.*, 26:14. (200)

See also W. A. Ruth.

ANDREWS, ANDREW IRVING, Ph.D.
Professor of Ceramic Engineering

BOOKS:

Enamels. Twin City Printing Co., Champaign. 1935. 410 pp.

ARTICLES:

Definition of enamel terms. *Bul. Porcelain Enamel Instit.*, Chicago, 1936, 10 pp.ARNDT, CHRISTIAN OTTOMAR, A.M., M.S.
Head of the Department of Foreign Languages in the University High School and Instructor in Education

ARTICLES:

Foreign language teaching. An essential or a frill. *Ill. Teacher*, 24:4:120. (700)ARNOLD, LLOYD, A.M., M.D.
Professor of Bacteriology and Public Health

ARTICLES:

What should be the per capita per day milk consumption of our population? *Amer. J. Dig. Dis. Nutr.*, 2:7:416-21.

Articles (continued)

With Carroll Stuart:

Recent development in the study of oral bacterial flora. *Ibid.*, 2:5:275-80.

With Olaf Bergeim and Arthur Hanszen:

The influence of fruit ingestion before meals upon the bacterial flora of stomach and large intestine and on food allergins. *Ibid.*, 3:1:45-52.

With J. A. Vaichulis:

Compound colored alcoholic solution of mercuric chloride for skin disinfection. *Surg. Gyn. Obstet.*, 61:333-35.

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

ARTICLES:

The mature Goethe and Rousseau. *J. Engl. Germ. Philol.*, 35:2:170-82. (5200)ASHBY, ROBERT CHILDERS, Ph.D.
Associate Professor of Agricultural Economics

ARTICLES:

Obstacles to fair livestock prices. *Ill. Agr. Assoc. Rec.*, 13:5:17-19. (4300)Livestock marketing—a business. *U.S. Livestock News*, 2:4:3. (2000)Marketing problems producers should understand. *Coop. Shipper*, 15:7:4. (1100)Truckmen and livestock markets. *Peoria Market Rev.*, 1:7:2. (580)Livestock marketing problems. Information on lamb feeding. (Set of 7 addresses.) *Mich. State College Multigraphed Pub.*, Feb. 5, 1936, pp. 4-12. (4750)AUDRIETH, LUDWIG FREDERICK, Ph.D.
Assistant Professor of Chemistry

ARTICLES:

Non-aqueous solvents. *Ill. Chem. Teacher*, 2:1:4-9. (2500)

With H. Ulich and H. Peisker:

Dipol-momente von hydrazin und seinen derivaten (II). *Ber. Chem. Ges.*, 68:1677-82. (2000)

With A. Long and R. E. Edwards:

Fused onium salts as acids. Reactions in fused pyridinium hydrochloride. *J.A.C.S.*, 58:428-29. (1000)

With A. Long:

Reactions in fused pyridine hydrochloride. *Trans. Ill. Acad. Sci.*, 28:121-22. (1000)

With M. T. Schmidt:

Onium salts as acids. Reactions of ammonium chloride at higher temperatures. *Ibid.*, 28:133-34. (1000)

See also B. S. Hopkins.

REVIEWS:

Nitrogen system of compounds, by E. C. Franklin. *Angew. Chem.*, 48:530. (500)BABBITT, HAROLD EATON, M.S.
Professor of Sanitary Engineering

ARTICLES:

The dosing of sewage tanks with ground garbage. *Sewage Works J.*, 8:1:16-21. (2000)BACHEM, ALBERT, Ph.D.
Professor of Biophysics

ARTICLES:

Selective heat production by ultrashort (Hertzian) waves. *Arch. Phys. Ther.*, 16:645-50. (2000)

BACHEM, ALBERT—Articles (continued)

Ultraviolet as a bactericide. *Ibid.*, 16:733-40. (3500)

With C. I. Reed:

Antirachitic effects of radiation from different sources. A comparative study. *Amer. J. Dis. Child.*, 50:11-27. (6500)

With M. A. Dushkin:

A study of bacterial sensitivity to ultraviolet radiation. *Biol. Bul.*, 69:1:109-25. (3900)

With P. J. Melnick:

La importancia del factor tiempo en el tratamiento de los tumores malignos por medio de los rayos Roentgen. *Med. Rev. Mex.*, 16:1-6. (2000)

The time factor in the Roentgen ray treatment of rat tumors. *Med. Rec.*, 143:279-81. (2000)

BADGER, ALFRED EARL, M.S.

Research Associate in Ceramic Engineering

ARTICLES:

Fining of soda-lime-magnesia glasses. *Glass Industry*, 16:12:369. (750)

Effect of alumina on the softening temperature and viscosity of glass. *Ibid.*, 17:3:85-86. (2000)

The use of cullet in glassmaking. *Univ. of Ill., Dept. of Ceramic Eng. Bul.* (900)

With W. B. Silverman:

Modulus of elasticity of glass in relation to temperature. *J. Amer. Cer. Soc.*, 18:9:277-81. (4000)

See also C. W. Parmelee.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Assistant Professor of Chemistry

ARTICLES:

With T. Parsons, Jr.:

The preparation of methyl substituted azobenzenes and the rearrangement of methyl substituted azoxybenzenes. *J.A.C.S.*, 58:268-71. (2700)

BAKER, FRANK COLLINS, B.S.

Curator of the Museum of Natural History

BOOKS:

With A. L. Lugin:

The Pleistocene geology of Nebraska. *Neb. Geol. Surv. Bul.*, 10:1-223.

ARTICLES:

Land and freshwater mollusca from North Star Lake and vicinity, Itaska County, Minnesota. *Amer. Mid. Nat.*, 16:257-72. (8200)

Stratigraphic sequence of molluscan fossils in loess deposits. (Abstract.) *Proc. Geol. Soc. Amer.*, 1934, pp. 272-373. (300)

The generic position of Planorbis umbilicatus with the description of a new group of Planorbidae. *Nautilus*, 49:46-48. (600)

Stagnicola elrodiana new name for Limnaea montana Elrod. *Ibid.*, 49:60. (100)

The generic position of Planorbis obstrictus Morelet. *Ibid.*, 49:104. (140)

Quantitative examination of molluscan fossils in two sections of Pleistocene loess in Illinois. *J. Paleontology*, 10:72-76. (3200)

The freshwater mollusk Helisoma corpulentum and its relatives in Canada. *Nat. Mus. Can. Bul.*, 79:1-37. (13500)

With S. T. Brooks:

New species and races of Lymnaeidae from Newfoundland. *Nautilus*, 49:10-13. (800)

BALDUF, WALTER VALENTINE, Ph.D.

Assistant Professor of Entomology

BOOKS:

Bionomics of entomophagous coleoptera. John S. Swift Co., St. Louis. 1935. 220 pp.

ARTICLES:

The bionomics of the ladybeetles. (Abstract.) *Trans. Ill. Acad. Sci.*, 28:2:248. (460)

BALDWIN, EDWARD CHAUNCEY, Ph.D.

Professor of English

ARTICLES:

Why read, and what? *Kiwanis Mag.*, 20:12:554-55. (2500)

BALDWIN, THOMAS WHITFIELD, Ph.D.

Professor of English

ARTICLES:

A note upon Shakespeare's use of Pliny. *The Parrott Presentation Volume*, Princeton Univ. Press, 1935, pp. 157-82.

Parallels between Soliman and Perseda and Garnier's *Bradamante*. *Mod. Lang. Notes*, 51:237-41. (1400)

REVIEWS:

The education of Shakespeare, by G. A. Plimpton. *J. Engl. Germ. Philol.*, July, 1935, pp. 444-46. (950)

Elizabethan book-pirates, by C. B. Judge. *Ibid.*, October, 1935, pp. 595-97. (1000)

BARLOW, REUEL RICHARD, A.M.

Associate Professor of Journalism

ARTICLES:

Here the 32d division fought. *Milwaukee J.*, Nov. 11, 1935, p. 8; *Detroit News*, Nov. 10, 1935, p. 12. (2500)

Veteran returns to scene of armistice. *Decatur Herald & Rev.*, Nov. 10, 1935, p. 11; *Kansas City Star*, Nov. 10, 1935, p. 10; *Peoria J.-Transcript*, Nov. 10, 1935, p. 8; *Champaign-Urbana Courier*, Nov. 10, 1935, p. 10. (5000)

On subscription rates. *Nat. Print. J.*, 53:8:60-61. (1400)

Berlin circulations are mounting despite Nazi domination. *Ed. and Pub.*, 68:26:14. (1200)

Journalistic education under the third Reich. *Journ. Qt.*, 12:4:357-66. (3800)

Nazi press control is complete. *Ed. and Pub.*, 68:30:9. (2400)

No truth in Europe. *Nat. Printer Jour.*, 53:8:60-61. (800)

European press leads in security plans for editorial employes. *Ed. and Pub.*, 69:16:40. (1500)

London museum is Mecca for press students. *Pub. Aux.* (Supplement), 71:17:1. (400)

BARTHOLOMEW, HARLAND, C.E.

Non-resident Professor of Civic Design

ARTICLES:

Official city plans attain new importance. *Civ. Eng.*, 5:10:626-30. (3000)

The future of land subdivision. *Ibid.*, 6:3:158-66. (5000)

BARTLETT, JAMES HOLLEY, JR., Ph.D.

Assistant Professor of Theoretical Physics

ARTICLES:

Exchange forces and the structure of the nucleus. *Phys. Rev.*, 49:102. (500)

With J. J. Gibbons:

Magnetic moment of the Li⁷ Nucleus. *Ibid.*, 49:552. (320)

BARTLETT, ROLAND WILLEY, Ph.D.

Assistant Professor of Agricultural Economics

ARTICLES:

Agricultural cooperation. *Equity Union Exchange* (Greenville, Ill.), Mar., 1936, pp. 6, 8. (2500)

Paying premiums to encourage a more even seasonal production of milk. *Milk Marketing Problems*, Dept. Agr. Econ., Ill. Agr. Exp. Sta. (mimeo.), Feb., 1936, pp. 41-53. (4500)

Why farm prices change. *Ibid.*, Oct., 1935, 33 pp. (10,000)

Recent studies relating to the marketing of milk. *Dairy Manufacturers Short Course Manual*, Dept. Dairy Husb. (mimeo.), Jan., 1936, pp. 84-94. (4000)

Influence of consumer incomes on butter prices. *McHenry County Farm Bureau Bul.*, Jan., 1936. (300)

Making a living in the milk business. *Chicago Dairy Technology Club* (mimeo.), Sept., 1935. 8 pp. (2400)

Usefulness of marketing organizations in St. Louis. *Sanitary Milk Bul.*, Nov., 1935. (1000)

The proportion of national income received by farmers. *Ill. Farm Econ.*, July, 1935, pp. 9-11. (750)

Unemployment and factory payrolls. *Ibid.*, Aug., 1935, pp. 13-14. (300)

National debt. *Ibid.*, pp. 14-15. (300)

Increase in purchasing power of Illinois farmers. *Ibid.*, Sept., 1935, pp. 17-18. (375)

Changes in factory payrolls for specific Illinois markets. *Ibid.*, Oct., 1935, pp. 21-22. (450)

Post-war losses to farmers greater than wartime gains. *Ibid.*, Nov., 1935, pp. 30-31. (800)

Trade agreement between the United States and Canada. *Ibid.*, Dec., 1935, pp. 33-35. (1500)

St. Louis factory payrolls. *St. Louis Milk Market Rev.*, Aug., 1935. (200)

How highways have changed systems of transporting milk. *Ibid.*, Oct., 1935. (450)

Problems of milk transportation in St. Louis. *Ibid.*, Jan., 1936. (1600)

How Dayton, Ohio, milk producers reduced transportation costs. *Ibid.*, Feb., 1936. (1600)

BARTO, HARRIET THOMPSON, A.M.

Assistant Professor of Dietetics

ARTICLES:

The relation of diet to the decay of the teeth. Factors in nutrition, new ed., *Ill. Dept. of Pub. Health, Educ. Health Circ.*, 5:22-25 (2000)

Food fancies and food fads. *Ill. Veg. Growers' Assoc.*, 5th An. Rpt., pp. 56-58. (1900)

BAUER, EDWARD EZRA, M.S., C.E.

Assistant Professor of Civil Engineering

BOOKS:

Plain concrete. (2d ed.) McGraw-Hill Book Co., Inc., N.Y. 1936. 364 pp.

BAUER, FREDERICK CHARLES, Ph.D.

Professor of Soil Fertility

ARTICLES:

Productivity levels of Illinois soils. *Farm Appraisals*, Ill. Agr. Exp. Sta. (mimeo.), May, 1935, pp. 63-73. (3300)

Articles (continued)

With J. J. Pieper and O. H. Sears:

Lespedeza in Illinois. *Ill. Agr. Exp. Sta. Bul.*, 416:301-47. (14,400)

BEADLES, JESSIE RACHEL, B.S.

Assistant in Animal Nutrition

See H. H. Mitchell.

BEARD, JOSEPH HOWARD, A.M., M.D.

Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

ARTICLES:

Rickets—its cause, effect, and prevention. *Trans. Ill. Acad. Sci.*, 28:2:201-02. (1000)

The need for a sanitary milk control. *Dairy Mfrs. Conf. Man.*, Jan., 1936. (2000)

With J. R. Cain:

Why mosquitoes carry typhoid. *Ill. Med. J.*, 68:2:177-81. (3500)

BECKWITH, MERTON MONROE, M.S.

Assistant in Chemistry

See G. L. Clark.

BENNER, THOMAS ELIOT, Ed.D.

Dean of the College of Education and Professor of Education

ARTICLES:

Present status of the preparation of secondary school teachers. *Proc. Instit. Adm. Off. Higher Educ.*, 7:22-30. (2500)

The education of Illinois High School teachers. *Ill. Teacher*, 24:3:71,95-96. (1200)

With E. S. Lawler, W. C. Reavis, and O. F. Weber:

Report of the advisory staff made to Illinois Educational Commission. Springfield, Ill. 1935. 20 pp.

With others:

Reports relating to the general and specialized subject-matter preparation of secondary school teachers. *North Central Assoc. Q.*, 10:2:219-55. (9000)

Report of Chicago junior colleges experiments. *Ibid.*, 10:2:256-57. (500)

Report of the University of Chicago experiment. *Ibid.*, 10:2:257-58. (350)

Report of the Kansas City, Missouri, experiment. *Ibid.*, 10:2:259-61. (600)

BERDAHL, CLARENCE ARTHUR, Ph.D.

Professor of Political Science

REVIEWS:

The American diplomatic game, by Drew Pearson and Constantine Brown. *Amer. Pol. Sci. Rev.*, 29:3:501-03. (750)

The great powers in world politics: international relations and economic nationalism, by Frank H. Simonds and Brooks Emeny. *Ann. Amer. Acad. Pol. Soc. Sci.*, 180: 231-32. (750)

Manifest destiny: a study of nationalist expansionism in American history, by A. K. Weinberg. *Amer. Pol. Sci. Rev.*, 30:1:185-86. (700)

BERGEIM, OLAF, Ph.D.

Associate Professor of Physiological Chemistry

See Lloyd Arnold.

BERNBAUM, ERNEST, Ph.D.
Professor of English

ARTICLES:

- The public enemies of our national morale.
Ill. Alumni News, July, 1935. (5000)
In memory of King George the Fifth. *Ibid.*,
March, 1936. (2500)
Recent works on prose fiction before 1800.
Mod. Lang. Notes, 51:244-55. (6000)

BETTY, BERNARD BREAST, M.S.
Special Research Assistant in Engineering
Materials

ARTICLES:

- Making and testing single crystals of lead.
Proc. A.S.T.M., 35:2:193-200. (2000)

BLACK, CHARLES THEODORE, A.B.
Assistant in Zoology

ARTICLES:

- Richardson's owl in Wisconsin. *Auk*, 52:4:
451-52. (140)
Notes from northeastern and east central
Illinois. *Ibid.*, 52:4:464-65. (1000)
With A. C. Twomey:
Chuck-will's-widow in Illinois. *Ibid.*, 53:1:83.
(120)

BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

ARTICLES:

- Palestine in transformation. *Trans. Ill. Acad.
Sci.*, 28:2:149-50. (1100)

BOGART, ERNEST LUDLOW, Ph.D.
Professor of Economics and Head of the
Department

BOOKS:

- Economic history of the United States. (5th
rev. ed.) Longmans, Green and Co., N.Y.
1936.

With R. B. Browne:

- Workbook in the economic history of the
American people, form A. (Rev. ed.)
Longmans, Green and Co., N.Y. 1935.

- Workbook in the economic history of the
American people, form B. (Rev. ed.)
Longmans, Green and Co., N.Y. 1936.

With C. E. Landon:

- Modern industry. (Rev. ed.) Longmans,
Green and Co., 1936.

REVIEWS:

- The Illinois Central Railroad and its coloni-
zation work, by P. W. Gates. *Amer. Econ.
Rev.*, June, 1935. (700)
America's capacity to consume, by M. Leven,
H. G. Moulton, and C. Warburton. *Miss.
Vall. Hist. Rev.*, June, 1935. (400)
America's capacity to produce, by E. G.
Nourse and associates. *Ibid.*, Dec., 1935.
(500)
The national recovery administration, by
L. S. Lyon and associates. *Ibid.*, Dec.,
1935. (400)
Foreign bondholders and American state
debts, by R. C. McGrane. *Amer. Hist.
Rev.*, June, 1935. (600)
Bibliography of economics, 1751-1775, by
Henry Higgs. *Ibid.*, Mar., 1936. (500)

BONIN, GERHARDT VON, M.D.
Associate Professor of Anatomy

ARTICLES:

- European races of the upper paleolithic.
Human Biol., 7:196-221. (5600)

BONNETT, ORVILLE THOMAS, Ph.D.
Associate in Plant Breeding

ARTICLES:

- The development of the barley spike. *J. Agr.
Res.*, 51:5:451-57. (3600)

BOYD, ANNE MORRIS, B.L.S.

Associate Professor of Library Science

ARTICLES:

- Book selection, whatever that is. *Ill. Lib.*
(Supplement), 18:55-60. (3400)
Bibliographies: architecture, chemistry, ex-
ploration and travel, geography, history,
painting, physiology and hygiene, physics,
political science, sculpture. *Compton's Pic-
tured Encyclopedia*, 1:3,4,6,11,14. (2500)
Books for pleasure and profit. *Ill. Lib. Ext.
Div.*, Springfield, Ill. Mar., 1936. 7 pp.

REVIEWS:

- Public documents: their selection, distribu-
tion, cataloging, reproduction, and preser-
vation, ed. by A. F. Kuhlman. *Lib. Qt.*,
5:477-80. (900)

BRAHANA, HENRY ROY, Ph.D.

Associate Professor of Mathematics

ARTICLES:

- Metabelian groups and pencils of bilinear
forms. *Amer. J. Math.*, 57:645-67. (13,000)
Metabelian groups and trilinear forms. *Duke
Math. J.*, 1:185-97. (7000)
Note on irreducible quartic congruences.
Trans. Amer. Math. Soc., 38:395-400.
(3000)

BRANNON, JAMES MARSHALL, Ph.D.
Assistant Professor of Dairy Bacteriology

ARTICLES:

With S. V. Layson and E. G. Huffer:

- Results of bacteriological survey of milk jugs
and milk bottles. *Milk Plant Mo.*, Feb.,
1936.

With R. J. Pollitt:

- Presence of yeasts in fruit juices that are
sold for beverages. *Milk Dealer*, Nov., 1935.

See also M. J. Prucha.

BRAY, ROGER HAMMOND, M.S.

Assistant Chief in Soil Survey Analysis

ARTICLES:

With R. E. Grim and P. F. Kerr:

- Application of clay mineral technique to Illi-
nois clay and shale. *Bul. Geol. Soc. Amer.*,
46:1909-26. (6800)

BREWER, NATHAN, B.S.
Assistant in Pharmacology

ARTICLES:

With D. S. Bryant:

- The role of the splanchnics in the adductor
spasm of the vocal cords following visceral
trauma. *Anaesthesia and Analgesia*, 14:190.
(300)

With J. E. Davis:

- Effect of physical training on blood volume,
hemoglobin, alkali reserve and osmotic
resistance of erythrocytes. *Amer. J.
Physiol.*, 113:586-91. (2800)

BRITTON, WILLIAM EVERETT, A.M., J.D.
Professor of Law

BOOKS:

- Cases on bills and notes. West Pub. Co., St.
Paul. 1936. 300 pp.

BRODER, SAMUEL B., M.D., M.S.
Instructor in Psychiatry

ARTICLES:

An anencephalic monster with "rhinodymie" and other anomalies. *Amer. J. Path.*, 11:5: 761-74.

See also G. B. Hassin.

BRONSTEIN, I. PAT., B.S., M.D.
Assistant Professor of Pediatrics

ARTICLES:

With George Milles:

Hypothyroidism and cretinism in childhood. *Amer. J. Dis. Child.*, 49:1564-69. (2600)

See also J. H. Hess.

BROOKS, NEIL CONWELL, Ph.D.
Professor of German

ARTICLES:

An Ingolstadt Corpus Christi Procession and the Biblia Pauperum. *J. Engl. Germ. Philol.*, 35:1:1-16. (7000)

REVIEWS:

The story of the German Bible, a contribution to the quadricentennial of Luther's translation, by P. E. Kretzmann. *J. Engl. Germ. Philol.*, 34:3:442. (370)

BROWN, ANDREW WILSON, Ph.D.
Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

With R. L. Jenkins:

The geographical distribution of mental deficiency in the Chicago area. *Proc. Amer. Assoc. Ment. Def.*, 59:291-308. (3000)

REVIEWS:

Educational psychology, by J. B. Stroud. *Psych. Bul.*, 33:2:123-25. (900)

BROWN, FRANK ARTHUR, JR., Ph.D.
Instructor in Zoology

BOOKS:

See R. R. Kudo.

ARTICLES:

Light intensity and melanophore response in the minnow, *Erycymba buccata* Cope. *Biol. Bul.*, 70:1:8-15. (2000)

Color changes in Palaemonetes. *J. Morph.*, 57:2:317-33. (3500)

Control of pigment migration within the chromatophores of *Palaemonetes vulgaris*. *J. Exp. Zool.*, 71:1:1-15. (4500)

BROWNE, ROBERT BELL, Ph.D.
Director of University Extension and Assistant Professor of Education
See E. L. Bogart.

BULL, SLEETER, M.S.
Associate Professor of Meats

ARTICLES:

Agriculture in the Andes. *Successful Farming*, 33:8:18. (2500)

Home cured meats. *Ibid.*, 34:3:34. (1500)

Farm butchering is being revived. *Nat. Live-stock Prod.*, 14:4:6. (2500)

Hints for livestock feeders. *Ill. Dept. of Agr. Rpt. Registered Commercial Feedingstuffs*, 1935, pp. 15-18. (3000)

See also W. E. Carroll.

BURGE, WILLIAM EDWARD, Ph.D.
Associate Professor of Physiology and Acting Head of the Department

ARTICLES:

With H. W. Neild, O. S. Orth, and G. C. Wickwire:

Electric theory of anesthesia. *Anesthesia and Analgesia*, 15:53-54. (1600)

A comparison of the effect of different anesthetics on the electrical potential of the cerebral cortex. *Proc. Am. Physiol. Soc.*, 1936, p. 113. (300)

With H. W. Neild, O. S. Orth, and W. P. Elhardt:

A study of the electrical potential of the cerebral cortex in relation to anesthesia, consciousness, and unconsciousness. *Ibid.*, p. 119. (300)

With H. W. Neild and O. S. Orth:

Evidence that the cause of fatigue is electrical. *Ibid.*, p. 116.

BURLISON, WILLIAM LEONIDAS, Ph.D., D.Agr.
Professor of Crop Production and Head of the Department of Agronomy

ARTICLES:

Utilization of soybean oil with special reference to paint. *Rpt. 15th An. Meet. Amer. Soybean Assoc.*, 1935, pp. 12-17. (2500)

Recent developments in the utilization of soybean oil in paint. *Ill. Agr. Exp. Sta. Circ.*, 438:3-8. (2500)

Illinois crop production ever changing to meet new demands and conditions. *Daily Pantagraph* (Bloomington, Ill.), Apr. 8, 1936, p. 5. (3400)

BURROUGHS, EDWARD WISE, B.S.
Assistant in Animal Husbandry
See H. H. Mitchell.

BUSWELL, ARTHUR MOSES, Ph.D.
Professor of Chemistry

ARTICLES:

Water supply and waste disposal for dairies. *Amer. Cream Poultry Prod. Rev.*, 1936.

Changes in standards of purity for drinking water. (1880-1935). *Proc. Ill. Soc. Eng.*, Jan., 1936.

Distillery wastes. *Mida's Criterion*, March, 1936.

With Jerome Burtle:

Chemical treatment of sewage. *Can. Eng.*, March, 1936.

CAIN, JOHN RICHARD, M.D.
Associate Professor of Hygiene and Medical Adviser for Men
See J. H. Beard.

CALLEN, ALFRED COPELAND, M.S., E.M.
Professor of Mining Engineering and Head of the Department

ARTICLES:

Coal analyses and their interpretation. *Proc. Short Course in Coal Utilization*, Aug., 1935, pp. 4-11. (3500)

Heating values made easy. *Ibid.*, pp. 64-67. (2000)

CALVIN, JOSEPH KAISER, B.S., M.D.
Assistant Professor of Pediatrics

ARTICLES:

Hematocolpos due to imperforate hymen. *Amer. J. Dis. Child.*, 51:832-46.

CAMP, WALTER JOHN RICHARD, M.D., Ph.D.
Professor of Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

The reaction of the cervical portion of the dog's oesophagus to drugs. *J. Pharm. Exp. Ther.*, 54:306. (700)

CARD, LESLIE ELLSWORTH, Ph.D.
Professor of Poultry Husbandry

Books:

With E. H. Barger:

Diseases and parasites of poultry. Lea and Febiger, Phila., 1935. 354 pp.

With M. Henderson:

Farm poultry production. (2d ed.) Interstate Printing Co., Danville, Ill., 1935. 245 pp.

ARTICLES:

Recent findings in poultry research. *Nulaid News*, 13:5:12-15. (2500)

Poultryman's percentage calculator. *Poultry Item*, 38:3:14. (1000)

Profits depend on costs. *Amer. Poultry J.*, 67:2:8. (1200)

The economic significance of the mortality problem in poultry. *Vet. Med.*, 31:2:72-73. (750)

With E. Roberts:

Inheritance of resistance to bacterial infection in animals. A genetic study of pullorum disease. *Ill. Agr. Exp. Sta. Bul.*, 419:465-93. (12,000)

With H. J. Sloan:

The effect of mineral supplements on interior egg quality. *Poultry Sci.*, 14:300-01. (600)

CARMICHAEL, ROBERT DANIEL, Ph.D.
Professor of Mathematics and Dean of the Graduate School.

ARTICLES:

Linear differential equations of infinite order. *Bul. Amer. Math. Soc.*, 42:193-218. (13,000)

Number and clear thinking. *Sci. Mo.*, Dec., 1935, pp. 490-500. (6000)

CARNAHAN, DAVID HOBART, Ph.D.
Professor of Romance Languages and Head of the Department

ARTICLES:

The man Rousseau and his *Confessions*. *News Letter of Phi Sigma Iota*, 7:2:4, 11-12.

CARO, MARCUS RAYNER, B.S., M.D.
Associate in Dermatology
See F. E. Seneer.

CARROLL, WILLIAM ERNEST, Ph.D.
Professor of Swine Husbandry

ARTICLES:

With Sleetor Bull, F. C. Olson, and G. E. Hunt:

Value of present-day swine types in meeting changed consumer demand. *Ill. Agr. Exp. Sta. Bul.*, 415:259-95. (15,000)

CARTER, HERBERT EDMUND, Ph.D.
Associate in Chemistry

ARTICLES:

Synthesis of α -amino- β -hydroxy-n-butyric acids. *J. Biol. Chem.*, 112:769-73. (1000)

See also W. C. Rose.

CASBERG, CARL HERBERT, B.S., M.E.
Professor of Mechanical Engineering

ARTICLES:

Laboratory procedure in teaching machine production. *J. Eng. Educ.*, 25:6:419-25. (2700)

Employment in small industries. *Ibid.*, 26:3:226-30. (1300)

With C. E. Schubert:

Durability of molding sands. *Ill. Eng. Exp. Sta. Bul.*, 281. (21,000)

CASE, HAROLD CLAYTON M., Ph.D.
Professor of Agricultural Economics and Head of the Department

ARTICLES:

Farm debt adjustments. *J. Farm. Econ.*, 17:2:290-300. (4100)

Progress and problems in agricultural planning in the North Central states. *Ibid.*, 18:1:75-85. (4000)

With D. E. Lindstrom and A. L. Leonard:

Farm business survey of 120 families in Union County, Illinois, 1934. *Ill. Agr. Exp. Sta., Mimeo.* 15 pp. (3000)

With M. L. Mosher, J. B. Andrews, and J. B. Cunningham:

Farm bureau farm management service reports. *Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo.* 473 and 474. (15,000)

With J. B. Andrews and M. L. Mosher:

Three-years summary report of the farm bureau farm management service. *Ibid.*, 478. (12,000)

With J. B. Andrews, W. A. Herrington, and M. L. Mosher:

Ten-years summary report on the farm bureau farm management service. *Ibid.*, 479. (12,000)

CLARK, GEORGE LINDENBERG, Ph.D.
Professor of Chemistry

ARTICLES:

Progress in X-ray research on rubber. *Rubber Age*, 38:2:79-80. (1200)

A 1936 survey of the biological effects of X-radiation. *Radiology*, 26:2:295-312. (9500)

With F. O. Schmitt and R. S. Bear:

X-ray diffraction studies on nerve. *Radiology*, 25:2:131-51. (8500)

The role of lipoids in the X-ray diffraction patterns of nerve. *Science*, 82:2:115:44-45. (550)

With E. A. Parker, J. A. Schaad, and W. J. Warren:

New measurements of previously unknown large interplanar spacings in natural materials. *J.A.C.S.*, 57:1509. (350)

With D. H. Reynolds:

An X-ray diffraction method for the estimation of quartz in a mixture of silicate ores. *Univ. of Toronto Studies, Geol. Series*, 38:13-22. (2500)

An X-ray diffraction method for the quantitative analysis of mine dusts. *Ind. Eng. Chem. (Analyt. Ed.)*, 8:36. (2300)

With R. R. Sterrett and B. H. Lincoln:

Improved lubricants and lubrication I. *A. P. I. preprint.* (8500)

Regimentation agents in lubricating oil. *Privately printed pamphlet.* (8500)

With M. M. Beckwith:

A method for detection and evaluation of residual distortion in crystals with special

CLARK, G. L.—Articles (*continued*)
reference to electric steel. *Zeit. Kristallog.*,
90:392-98. (2000)

With J. H. Chesters and K. C. Lyon:
The burning of magnesite bricks III. *Trans. Cer. Soc.*, 34:243-49. (1700)

With W. J. Warren:
Further X-ray studies of rubber and rubber insulation. *Rpt. Comm. on Insulation, N.R.C.*, 10-11. (700)

With S. L. Tuckey:
Structural changes occurring in casein during cheese ripening as shown by X-ray diffraction studies. *J. Dairy Sci.*, 18:7:461. (250)

REVIEWS:

Popoff's Quantitative Analysis, revised by Rice and Cortelyou. *J. Chem. Educ.*, 12: 11:549-50. (400)

CLEMENT, JOHN ADDISON, Ph.D.
Professor of Education

ARTICLES:

Interrelationships between purposes, content and teaching techniques of ninth and tenth grade mathematics. *Math. Teacher*, 29:3:136-44. (4500)

With J. H. Clement:

A study of postgraduates in North Central Association schools of Illinois and Kansas during 1934-35. *North Central Assoc. Qt.*, 10:4:448-55. (5000)

CLEVENGER, ARTHUR WILBUR, A.M.
High School Visitor, with rank of Professor

ARTICLES:

The long period daily class schedule for high schools. *North Central Assoc. Qt.*, April, 1936, pp. 456-61. (2700)

With F. C. Hood:

Changes which have been made in the program of studies of Illinois high schools accredited by the North Central Association of Colleges and Secondary Schools since June 30, 1929. *Ill. Teacher*, April, 1935, pp. 246, 248, 255, 262.

COBLE, ARTHUR BYRON, Ph.D., LL.D.
Professor of Mathematics and Head of the Department

ARTICLES:

Collineation groups in a finite space with a linear and a quadratic invariant. *Amer. J. Math.*, 58:15-34. (7500)

Groups of cremona transformations in space of planar type. *Duke Math. J.*, 2:1-9. (5500)

COE, GEORGE CHARLES, B.S., M.D.
Assistant in Medicine
See L. F. Miller.

COLBY, ARTHUR SAMUEL, Ph.D.
Professor of Pomology

ARTICLES:

An analysis of the difficulties involved in growing black raspberries in the Peoria territory. *Trans. Ill. Hort. Soc.*, 69:384-93. (3200)

Factors influencing profitable raspberry and strawberry culture in southern Illinois. *Ibid.*, 69:495-507. (4000)

The chestnut situation in Illinois. *Proc. Northern Nut Growers Assoc.*, 25:47-50. (1100)

Articles (*continued*)

Currants and gooseberries in Illinois. *Univ. of Ill. Coll. of Agr., Mimeo.*, Oct., 1935. (4800)

Notes on nut culture in Illinois. *Amer. Fruit Grower*, 56:4-19. (600)

COLE, ARTHUR GIDEON, Ph.D.
Assistant Professor of Physiological Chemistry

ARTICLES:

Organic chemistry. Chapter 9 of *A Course of Study in Dentistry*. Amer. Assoc. of Dental Schools, Chicago, 1935. pp. 97-102.

Physiological chemistry. Chapter 10, *Ibid.*, pp. 103-109.

REVIEWS:

A textbook of biochemistry, ed. by B. Harrow and C. P. Sherwin. *J.A.M.A.*, 105:143. (500)

The theory of emulsions and their technical treatment, by W. Clayton. *Ibid.*, 106:946-47. (350)

Mikroskopische Methoden in der Mikrochemie, by L. Kofler and A. Kofler. *Ibid.*, 106:948. (300)

CONVERSE, PAUL D., A.M.
Professor of Business Organization and Operation

ARTICLES:

Analysis of retail trading areas—some suggested methods with an example. *Nat. Mark. Rev.*, 1:4:316-25. (7200)

Increasing the consumption of dairy products. *Dairy Mfrs. Conf. Man.*, 1936, pp. 139-144. (3200)

REVIEWS:

Retail price behavior, by J. H. Cover. *Acct. Rev.*, 10:5. (1350)

COOKE, THOMAS GAUNT, B.S.
Assistant in Chemistry
See T. E. Phipps and W. H. Rodebush.

COPLEY, MICHAEL JOSEPH, Ph.D.
Assistant Professor of Chemistry
See T. E. Phipps.

CORBETT, WILLARD JASON, M.S.
First Assistant in Dairy Research

ARTICLES:

With W. C. Frazier and W. V. Price:
Study of a gas defect in cream cheese. *J. Dairy Sci.* (Abstract), 18:7:472. (300)

Milk Dealer, 25:3:38. (2000)

CRAMER, RALPH ELLSWORTH, M.S.
Special Research Assistant in Engineering Materials

ARTICLES:

Shatter cracks and flakes in steel. *Metals and Alloys*, Jan., 1936, p. 23. (500)

Nature of shatter cracks. *Metal Progress*, June, 1935, p. 68. (400)

CRANDELL, JOHN STANLEY, B.S., C.E.
Professor of Highway Engineering

ARTICLES:

A touring engineer's impressions of the roads of Italy. *Eng. News-Rec.*, 115:20:669-74. (7600)

Roadside bins for maintenance material in Switzerland. *Better Roads*, 5:10:26. (600)

Report of committee on fillers and cushion courses. *Proc. 15th An. Meet. Highway Res. Bd.*, 170-79. (6000)

CROSS, HARDY, A.B., B.S., M.C.E., D.Sc.
Professor of Structural Engineering

ARTICLES:

The relation of analysis to structural design.
Proc. A.S.C.E., Oct., 1935, pp. 1119-30. (5000)

Limitations and application of structural analysis. *Eng. News-Rec.*, Oct. 17-24, 1935, pp. 535-37, 571-73. (10,000)

Structural knowledge. *Ibid.*, Feb. 6, 1936, pp. 199-200. (1000)

CULLER, ELMER AUGUSTIN KURTZ,
Ph.D.

Professor of Psychology

Books:

With H. C. Warren and others:

Dictionary of psychology. Houghton Mifflin Co., Boston, 1934. x + 372 pp.

ARTICLES:

An experimental study of tonal localization in the cochlea of the guinea pig. *Ann. Otol. Rhin. Laryn.*, 44:807-13.

With W. G. Brogden:

Experimental extinction of higher-order responses. *Amer. J. Psych.*, 47:663-69.

Device for the motor conditioning of small animals. *Science*, 83:269-70.

With W. J. Brogden and F. A. Mettler:

Experimentally increased intra-cranial pressure. *Arch. Otolaryng.*, 21:464-65.

With E. Girden:

Auditory effects of Roentgen rays in dogs. *Amer. J. Roentgen. Radium Ther.*, 32: 675-79.

Effect of Roentgen rays upon hearing in dogs. *J. Comp. Psych.*, 20:263-90.

With G. Finch:

Relation of forgetting to experimental extinction. *Amer. J. Psych.*, 47:656-62.

With F. A. Mettler and C. Mettler:

Effects of total removal of the cerebral cortex. *Arch. Neurol. Psychiat.*, 34:1238-49.

CUNNINGHAM, JOSEPH BERNARD, B.S.
Assistant Professor of Farm Management

Extension

See H. C. M. Case.

DALITSCH, WALTER WILLIAM, B.S.,
D.D.S., M.D.

Associate in Medicine and Health Officer

ARTICLES:

The medical student's health. *Illini Scope*, 5:8:4-6. (1800)

DAVIS, DAVID JOHN, M.D., Ph.D.

Professor of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine

ARTICLES:

Some studies on the ecology of streptococci. *Proc. Instit. Med. Chicago*, 10:18. (5000)

Preventive medicine in the medical curriculum. *Ill. Med. J.*, Jan., 1936. (3000)

Septic sore throat. *Ill Health Mess.*, 8:5. (2000)

With C. Buck and I. Pilot:

Hemolytic streptococci from tonsils of cow, hog, and sheep. *Proc. Soc. Exp. Biol. Med.*, 34:233-35. (1000)

DAVISON, RICHARD MILTON, M.D., M.S.
Instructor in Surgery

ARTICLES:

The open intrapleural pneumolysis operation. *J. Thor. Surg.*, 4:6:607.

DECKER, SAMUEL WESLEY, M.S.

Associate in Fruit and Vegetable Marketing

ARTICLES:

Progress report on the study of the Peoria market. *Ill. Veg. Grow. Assoc. 5th An. Rpt.*, pp. 60-66. (4400)

Report of market survey on Peoria market. *Trans. Ill. Hort. Soc.*, 69:372-83. (3600)

See also J. W. Lloyd.

DE TURK, ERNEST E., Ph.D.

Professor of Soil Technology

ARTICLES:

Adaptability of sewage sludge as a fertilizer. *Sewage Works J.*, 7:4:597-610. (5750)

DODGE, ARTHUR FARWELL, Ph.D.

Assistant Professor of Industrial Education

Books:

Occupational ability patterns. Teachers College, Columbia University, N.Y., 1935. 97 pp.

ARTICLES:

New materials and possibilities in teaching industrial arts. *Indus. Educ. Mag.*, 37:4: 215-17. (1200)

Job training for house heating service men. *Western Gas*, 11:12:24-46. (1500)

DOLAN, THOMAS JAMES, M.S.

Instructor in Theoretical and Applied Mechanics

See F. B. Seely.

DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

Books:

A combined word list. Ginn and Co., Boston, 1936. 185 pp.

Building the dictionary habit. Scott, Foresman and Co., Chicago, 1935. 32 pp.

ARTICLES:

Goals in intermediate reading. *Elem. Sch. J.*, 35:9:682-90. (3200)

A basic sight vocabulary. *Ibid.*, 36:6:456-60. (1600)

DOOB, JOSEPH LEO, Ph.D.

Associate in Mathematics

ARTICLES:

The limiting distributions of certain statistics. *Ann. Math.*, 6:3:160-69. (4500)

DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

ARTICLES:

Nodal development of the peach shoot as related to fruit bud formation. *Proc. Amer. Soc. Hort. Sci.*, 33:245-57. (6000)

Results to date of four lines of research of interest to apple growers. *Trans. Ill. Hort. Soc.*, 69:236-44. (3500)

The variety situation in Illinois. *Ibid.*, 69:468-73. (2000)

The value of a good variety name. *Amer. Fruit Grower*, 55:8. (2500)

Revised code of nomenclature. *Ibid.*, 55:8. (1000)

DORSEY, M. J.—Articles (continued)

With R. L. McMunn:

Suggestions in harvesting peaches. *Ill. Hort.*, 26:3. (1000)

Peach thinning investigations V: a study of late thinning. *Proc. Amer. Soc. Hort. Sci.*, 33:280-83. (2000)

DRAFFIN, JASPER OWEN, M.S.

Professor of Theoretical and Applied Mechanics

ARTICLES:

Laboratory instruction in engineering education. *J. Eng. Educ.*, 25:10:727-33. (2800)

Fifty years of engineering education. *Ibid.*, 26:8:635-42. (3600)

Crystalline structure and its relation to strength and ductility. Chapter 8 of *Text-book of the materials of engineering*, by H. F. Moore. (5th ed.) McGraw-Hill Book Co., N.Y., 1936. pp. 96-122.

DREYER, IRVING, M.S., M.D.

Instructor in Medicine

See C. I. Reed.

DUNGAN, GEORGE HARLAN, Ph.D.

Professor of Crop Production

ARTICLES:

Plants as indicators and conditioners of soil productivity. *Farm Appraisals*, Ill. Agr. Exp. Sta. Mimeo., May, 1935, pp. 60-62. (1200)

With J. R. Holbert, W. P. Flint, and J. H. Bigger:

Resistance and susceptibility of corn strains to second brood chinch bugs. *Iowa State Coll. J. Sci.*, 9:3:413-25. (6,000)

DYAS, FREDERICK GEORGE, M.D.

Professor of Surgery

ARTICLES:

Reconstruction of the hip. *Ill. Med. J.*, August, 1935.

DYNIEWICZ, JOSEPHINE MARION, Ph.G., Ph.C.

Assistant in Pharmacology, Materia Medica, and Therapeutics

See Bernard Fantus.

ELHARDT, WALTER PHILLIP, Ph.D.

Instructor in Physiology

BOOKS:

With O. S. Orth:

Physiological anatomy. Copifyer Corp., Detroit, Mich., 1935. 240 pp.

ARTICLES:

With O. S. Orth:

The effect of water polo on blood pressure and pulse rate. *Am. Phys. Ed. Assoc. Res. Q.*, 7:99-101. (600)

See also W. E. Burge.

EMCH, ARNOLD, Ph.D.

Professor of Mathematics

ARTICLES:

Gauss and the French Academy of Science. *Science*, 81:316-17. *Amer. Math. Mo.*, 42:382-83.

New models for the solution of quadratic and cubic equations. *Nat. Math. Mag.*, 9:162-64.

REVIEWS:

Lezioni sulla teoria geometrica delle equazioni e delle funzioni algebriche, by F. Enriques and O. Chisini. Vol. IV, Funzioni Ellittiche e Abelianne. *Bul. Amer. Math. Soc.*, 41.

ENGER, MELVIN LORENIUS, M.S., C.E.

Professor of Mechanics and Hydraulics, Dean of the College of Engineering, and Director of the Engineering Experiment Station

ARTICLES:

Current investigations at the University of Illinois. *Eng. News-Rec.*, June 6, 1935. (5000)

ENGLIS, DUANE TAYLOR, Ph.D.

Associate Professor of Chemistry

ARTICLES:

With E. G. Lynn and V. G. Milum:

The analysis of 25 Illinois honeys and the quantitative methods used. *Ill. Beekeep. Assoc., An. Rpt.*, 1933-34, pp. 54-63. (4000)

With B. S. Friedman:

The detection of the fortification or adulteration of meat broth with monosodium glutamate. *Trans. Ill. Acad. Sci.*, 28:119-21. (750)

EVERETT, SAMUEL, Ph.D.

Assistant Professor of Education

BOOKS:

With others:

A challenge to secondary education. D. Appleton-Century Co., N.Y., 1935.

BOOKS EDITED:

Lincoln school studies society. Teachers College, Columbia Univ., N.Y., 1935.

ARTICLES:

Pamphlets and other enrichment materials. *Curriculum J.*, 7:4. (1800)

EWERT, EARL ERNST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

FAHNESTOCK, MAURICE KENDALL, M.S.

Research Assistant Professor of Mechanical Engineering

ARTICLES:

Essentials of air conditioning. *Coal-Heat*, 28:5-6, 8, 10, 45-46. (*Ill. Eng. Exp. Sta. Reprint No. 5*). (4200)

FAIRBANKS, BERTHEIR WESLEY, Ph.D.

Special Research Assistant in Animal Nutrition

See H. H. Mitchell.

FAIRLIE, JOHN ARCHIBALD, Ph.D.

Professor of Political Science

ARTICLES:

Has the constitution gone? *Mich. Law Rev.*, 33:1037. (6000)

The executive power in the state constitution. *Ann. Amer. Acad. Pol. Soc. Sci.*, Sept., 1935. (8000)

The legislature and the administration. *I. Amer. Pol. Sci. Rev.*, 30:241. (6000)

REVIEWS:

Le siècle du corporatisme, by Mihail Manoilescu. The people's king, George V, by

FAIRLIE, JOHN A.—Reviews (continued)

John Buchan. The reign of George V, by D. C. Somervell. Public administration, by J. M. Pfiffner. *Amer. Pol. Sci. Rev.*, 29: 518, 900, 1062, 1086. (1400)

FANTUS, BERNARD, M.S., M.D.

Professor of Therapeutics

BOOKS EDITED:

Yearbook of general therapeutics. Year Book Pub., Chicago, 1935. 460 pp.

Abstracts in *Merck Medical Memoranda*, June, 1935, to April, 1936. Rahway, N.J. (24,000)

ARTICLES:

Therapy of uremia (azotemia). *J.A.M.A.*, 104:18:1602-04. (3500)

Therapy of iritis (iridocyclitis) and of choroiditis. *Ibid.*, 104:20:1821-22. (2000)

Therapy of puerperal sepsis. *Ibid.*, 105:1:29-31. (2500)

Therapy of psoriasis. *Ibid.*, 105:2:115-17. (3300)

Therapy of urticaria and of angioneurotic edema. *Ibid.*, 105:8:595-99. (2000)

"Unemployability" medical problem. *Arch. Phys. Ther.*, 16:9:517-19. (2000)

Advances in therapeutic technic. *J.A.M.A.*, 105:9:877-81. (4075)

Therapy of jaw fractures and of face injuries. *Ibid.*, 105:2:1679-82. (3700)

Therapy of injuries to large blood vessels. *Ibid.*, 105:22:1767-71. (5400)

Causal therapy of contact dermatitis. *Ibid.*, 105:25:2062-64. (2800)

Coughs. *Ibid.*, 106:5:375-82. (9500)

With J. M. Dyniewicz:

Phenolphthalein studies: I, Colloidal phenolphthalein. *Amer. J. Dig. Dis. Nutr.*, 2:12:721-24. (2500)

With H. A. Dyniewicz and J. M. Dyniewicz: Acetanilid studies. *J. Pharm. Exp. Ther.*, 55:2:222-33. (2500)

FAUCETT, MAX ALBERT, M.S., E.E.

Associate in Electrical Engineering

See J. O. Kraehenbuehl.

FAYE, CHRISTOPHER URDAHL, A.M., M.S.

Cataloger in the Library

ARTICLES:

Ethiopia—spark for world conflagration? *Waltham League Messenger*, 44:3:76-77. (1650)

A Bible exhibit at the University of Illinois Library. (Rev. reprint). Univ. of Ill., 1935. (3700)

With W. J. Wilson:

The library and museums of the University of Illinois. In *Census of Medieval and Renaissance Manuscripts in the United States and Canada*, by Seymour de Ricci. Vol. I. H. W. Wilson Co., 1935. pp. 696-710. (4550)

FERGUSON, MALCOLM STUART, A.M.

Assistant in Zoology

ARTICLES:

Notes on the relation of the European starling to other species of birds. *Auk*, Jan., 1936.

FILBEY, EDWARD JOSEPH, Ph.D., C.P.A.

Professor of Accountancy

BOOKS:

Income tax problems and solutions. (Rev. ed.) Edwards Brothers, Ann Arbor, Mich., 1935. 58 pp.

FISCHER, WALTER R., B.S., M.D.

Instructor in Orthopaedics

ARTICLES:

Relief for painful feet. *Med. Clin. N. Amer.*, Jan., 1936.

FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Dean of the College of Liberal Arts and Sciences, and Associate Professor of English

ARTICLES:

The selection of students at the college level for the study of law. *Sch. and Soc.*, 41: 1064:686-88. (1500)

Tutorial work in the College of Liberal Arts and Sciences of the University of Illinois. *Ibid.*, 42:1092:744-45. (1250)

FLINT, WESLEY PILLSBURY, B.S.

Chief Entomologist, with rank of Professor

ARTICLES:

Prominent insects for 1936. *Macon County Outlook*, Jan., 1936. (1300)

The cicada, or seventeen-year locust. *Chicago Tribune*, Jan. 12, 1936. (1400)

With M. D. Farrar:

Injection method for dispersion of oil in tank mixtures. *J. Econ. Ent.*, 29:1:216. (250)

The use of nicotine in the apple spray schedule. *Trans. Ill. Hort. Soc.*, 69:167-174. (2500)

With S. C. Chandler:

Apple spray schedule for 1936. *Ibid.*, 69: 478-485. (2600)

The latest methods of fighting the Oriental fruit moth. *Ibid.*, 69:485-495. (3000)

With J. R. Holbert, J. H. Bigger, and G. H. Dungan:

Resistance and susceptibility of corn strains to second brood chinch bugs. *Iowa State Coll. J. Sci.*, 9:413-425. (6000)

See also W. A. Ruth.

FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

REVIEWS:

Norsk Riksmålsordbok. Utarbeidet av Trygve Knudsen og Alf Sommerfelt. *Amer. J. Philol.*, 56:273-76. (1540)

A grammar of the Buchan dialect (Aberdeenshire), descriptive and historical, I, phonology—accidence, by Eugen Dieth. *J. Engl. Germ. Phil.*, 34:434-37. (1575)

Om obestämda artikeln. Ett bidrag till nordisk sprakhistoria, av Gunnar Laijstrom. *Ibid.*, 34:437-39. (1200)

FOLEY, EDMUND, B.S., M.D.

Assistant Professor of Medicine

See R. W. Keeton.

FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

ARTICLES:

The forlorn cow. *Hoard's Dairyman*, 81:1:4. (1500)

Need abundant pasture to feed forlorn cows. *Ibid.*, 81:2:28. (1200)

FRASER, W. J.—Articles (continued)

- Over the top with alfalfa pasture. *Ibid.*, 81: 3:56. (1100)
 Champion of alfalfa pasture. *Ibid.*, 81:4:88. (1300)
 Insure with second-crop alfalfa. *Ibid.*, 81: 5:112. (1300)
 Profit by good pasture mixture. *Ibid.*, 81: 6:156. (1400)
 Poverty stricken pasture land. *Ibid.*, 81:7: 178. (1500)
 Championship pasture team. *Ibid.*, 81:8:212. (1600)
 Past and future progress in dairying. *Prog. Farmer*, 51:2:9. (1800)

FREEMAN, MRS. RUTH CRAWFORD, M.S.
Associate in Home Accounts

Books:

With Day Monroe:

- Farm family account book. U. S. Dept. of Agr., Washington, D.C., 1935. 43 pp.

ARTICLES:

- Summary of Illinois home account records, 1935-36. Univ. of Ill. Mimeo. 23 pp.

With Paulena Nickell:

- More money available for family spending in 1933-34. *Ill. Agr. Exp. Sta. An. Rpt.*, 47:255-61.

FRENCH, THOMAS M., A.B., M.D.
Associate in Criminology, Social Hygiene,
and Medical Jurisprudence

ARTICLES:

- A clinical study of learning in the course of a psychoanalytic treatment. *Psychoanal. Q.*, April, 1936.

FRIEDMAN, BERNARD SAMUEL, A.B.
Assistant in Chemistry
*See D. T. Englis.*FULLER, HARRY JAMES, Ph.D.
Associate in Botany

Books:

- Taxonomic keys to wildflowers, grasses, and trees. College Bookstore, Champaign, 1936. 39 pp.

ARTICLES:

- Daily variation in the sensitivity of Mimosa with special reference to the action of light. *Bot. Gaz.*, 97:672-77.

With F. L. Wynd and E. S. Reynolds:

- Studies in ultra-violet and respiratory phenomena. II. The effects of ultra-violet on respiration and respiratory enzymes of higher plants. *Ann. Mo. Bot. Garden*, 22: 837-52.

FUSON, REYNOLD CLAYTON, Ph.D.
Professor of Organic Chemistry

Books:

With J. R. Johnson and others:

- Organic syntheses, Vol. 16. John Wiley and Sons, N.Y., 1936. v + 104 pp.

With Ralph L. Shriner:

- The systematic identification of organic compounds. John Wiley and Sons, N.Y., 1935. ix + 195 pp.

With Ralph Connor:

- A brief course in organic chemistry. Edwards Brothers, Inc., Ann Arbor, Mich., 1935. xiv + 149 pp.

ARTICLES:

With L. L. Alexander and A. L. Jacoby:

- The reversibility of the Friedel-Crafts condensation. Hydrogenation phenomena. *J.A.C.S.*, 57:2208-09. (1500)

With H. H. Weinstock and G. E. Ulliot:

- A new synthesis of benzoin. 2, 4, 6-trimethylbenzoin. *Ibid.*, 57:1803-04. (1600)

With Robert Johnson:

- The haloform reaction. XVI. The action of hypiodite on hindered ketones. *Ibid.*, 57: 919-20. (1500)

GARNER, JAMES WILFORD, Ph.D., LL.D.,
Litt.D.
Professor of Political Science and Head of
the Department

Books:

With Valentine Jobst:

- The law of treaties. The Carnegie Endowment for International Peace, Washington, 1935. 568 pp.

ARTICLES:

- Acts and joint resolutions of congress as substitutes for treaties. *Amer. J. Internat. Law*, 29:482-88. (2700)

- Recent German nationality legislation. *Ibid.*, 30:96-99. (1000)

- The draft code of the international diplomatic academy on the fundamental principles of international law. *Ibid.*, 30:279-84. (2300)

- Das Völkerrecht in den Kriegen der Zukunft. *Zeits. der Akademie für Deutsches Recht*, Jan., 1936, pp. 40-49. (10,000)

- Les lois de la guerre, leur valeur, leur avenir. *Revue de Droit Internat. et de Législateur Comparée*, 17:96-118.

- The outlook for the law of war and of neutrality. *Trans. Grotius Soc.*, 22. (3500)

- Eight notes on certain decisions of courts and arbitration tribunals concerning various questions of international law. *Brit. Year Book Internat. Law*, 16:171-81. (5500)

With Valentine Jobst:

- The unilateral denunciation of treaties. *Amer. J. Internat. Law*, 29:569-86. (8000)

REVIEWS:

- Académie de droit international, recueil des cours. *Ibid.*, 30:157-64. (3400)

- Can we be neutral, by A. W. Dulles and H. F. Armstrong. *Ibid.*, 30:344-45. (300)

- Neutrality: its history, economics, and law, by P. C. Jessup and F. Déak. *Ibid.*, 30: 346-48. (600)

- The Soviet Union and international law, by T. A. Taracouzio. *Amer. Pol. Sci. Rev.*, 29:689-91. (800)

- L'Etat Moderne, Vol. X of the Académie Française. *Ibid.*, 30:412. (150)

GARRIGUS, WESLEY PATTERSON, Ph.D.
Assistant in Animal Husbandry
*See H. H. Mitchell.*GASUL, BENJAMIN MORRIS, B.S., M.D.
Associate in Pediatrics

ARTICLES:

- Exanthem subitum—a common disease in infants. *Douglas Park Bul. Chicago Med. Soc.*, Dec., 1935.

- See also R. H. Jaffe.*

GEISSENDOERFER, JOHN THEODORE,
Ph.D.
Assistant Professor of German

REVIEWS:

Von deutscher Dichtung und Musik, von
Wilhelm Dilthey. *J. Engl. Germ. Philol.*,
35:2:301-07. (2700)

GELLHORN, ERNST, M.D., Ph.D.
Professor of Physiology in the College of
Medicine

ARTICLES:

On the role of CO₂ in counteracting the
effects of anoxemia on brainstem and cor-
tex. *Proc. Amer. Physiol. Soc.*, 48th An.
Meet., pp. 57-58. (210)

Value of carbon dioxide in counteracting
oxygen lack. *Nature*, 137:700-01. (1000)

With I. G. Spiesman:

The influence of hyperpnea and of variations
of O₂- and CO₂-tension in the inspired air
upon hearing. *Amer. J. Physiol.*, 112:3:
519-28. (4500)

The influence of hyperpnea and of variations
of the O₂- and CO₂-tension in the inspired
air upon after-images. *Ibid.*, 112:4:620-26.
(3000)

The influence of hyperpnea and of variations
in the O₂- and CO₂-tension in the inspired
air upon nystagmus. *Ibid.*, 112:4:662-68.
(3000)

With S. H. Kraines:

The influence of hyperpnea and of variations
in the O₂- and CO₂-tension of the inspired
air on word-associations. *Science*, 83:2150,
266-67. (800)

GERNON, JOHN TALBOT, B.S., M.D.
Instructor in Urology

ARTICLES:

With C. I. Wynekoop:

Crossed renal dystopia without fusion. *Urol.*
Cutan. Rev., 39:5. (800)

GETZ, CHARLES ALBERT, M.S.
Assistant in Chemistry
See G. F. Smith.

GIBBONS, JOHN JOSEPH, JR., Ph.D.
Instructor in Physics
See J. H. Bartlett, Jr.

GOBLE, GEORGE WASHINGTON, A.B.,
LL.B.
Professor of Law

ARTICLES:

Redefinition of basic legal terms. *Columbia*
Law Rev., 35:535-47. (6000)

Codification of Illinois insurance laws. *Ill.*
Law Rev., 30:695-715. (10,000)

Life of Samuel H. Treat. *Dict. Amer. Biog.*,
18:634-35. (700)

Life of Thomas Todd. *Ibid.*, 18:574-75. (900)

Life of Robert Trimble. *Ibid.*, 18:642-43.
(900)

GOTSHALK, D. W., Ph.D.
Associate Professor of Philosophy

ARTICLES:

Beauty and value. *J. Phil.*, 32:22:604-10.
(3200)

GRAHAM, ROBERT, B.S., D.V.M.
Professor of Animal Pathology and Hygiene

ARTICLES:

A pasteurella-like microorganism in the

Articles (continued)

brains of horses suffering from so-called
cornstalk disease. *Science*, 81:153-54. (200)

Direct isolation of pasteurella-like micro-
organisms from brains of horses suffering
from so-called cornstalk disease. *Science*,
81:387-88. (350)

Cornstalk disease investigations: toxic en-
cephalitis or non-virus encephalomyelitis of
horses. *Vet. Med.*, 31:2:46-50. (1500)

Results of inoculating laboratory animals
with equine brain-tissue suspensions and
filtrates from spontaneous cases of so-
called cornstalk disease. *J. Amer. Vet.*
Med. Assoc., 86:6:773-80. (700)

Fowl cholera. *Ill. Agr. Exp. Sta. Circ.*, 441:
1-8. (1200)

With E. H. Barger:

Summary of studies on fowl pox. *Vet. Med.*,
31:2:78-81. (1900)

Studies on incubator hygiene, IV. A note
on the virucidal effect of formaldehyde on
fowl pox virus. *Poultry Sci.*, 15:1:48-52.
(1800)

With Frank Thorp, Jr.:

Transmission studies in leucemia. *Vet. Med.*,
31:2:82-83. (1200)

With H. H. Mitchell and Viola M. Michael:

Avitaminoses in animals. *Ill. Agr. Exp. Sta.*
Circ., 449:3-15. (4000)

With J. J. Pieper:

Plant poisoning of animals (rev. ed.). *Ill.*
Agr. Exp. Sta. Mimeo. 55 pp. (9000)

With J. P. Torrey:

Results of examining pasteurized and un-
pasteurized milk for *Brucella abortus*.
Trans. Ill. Acad. Sci., 28:2:207-08. (750)

With Viola M. Michael:

Epizootological data from laboratory diag-
noses. *Vet. Med.*, 31:3:114-24. (2800)

Studies on incubator hygiene, V: a note on
the hatchability of eggs inoculated with
salmonella, pasteurella, staphylococci, and
streptococci. *Poultry Sci.*, 15:1:83-87.
(1800)

Brucellosis in swine. *Ill. Agr. Exp. Sta.*
Circ., 435. 12 pp. (2300)

White snakeroot poisoning. *Ibid.*, 436. 12
pp. (2500)

GRAHAM, WALTER JAMES, Ph.D.
Professor of English

ARTICLES:

Addison's letters. *London Times Lit. Sup-*
plement, Oct. 17, 1935, p. 652. (140)

Unpublished correspondence of Addison.
Notes and Queries, 169:314. (175)

Addison and Sir Henry Newton. *Ibid.*, 170:
7:110-11. (1200)

Addison's travel letters in the *Tatler* and
Guardian. *Philol. Q.*, 15:2:97-103. (2600)

REVIEWS:

Jonathan Swift, Gedanken und Schriften
uber Religion und Kirche, von Hans
Reimers. *J. Engl. Germ. Philol.*, 34:4:601-
03. (750)

GRAY, HORACE MONTGOMERY, Ph.D.
Associate Professor of Economics

ARTICLES:

The allocation of joint costs in multiple-
purpose hydro-electric projects. *Amer.*
Econ. Rev., 25:2:224-35. (6000)

GREENGARD, JOSEPH, B.S., M.D.
Associate in Pediatrics

ARTICLES:

Passive immunity in infants and their response to diphtheria toxoid. *J.A.M.A.*, Aug. 3, 1935.

GREGG, RUSSELL TAAFFE, Ph.D.

Assistant Principal of the University High School, Instructor in Education, and Supervisor of the Visual Aids Service.

ARTICLES:

Experiences with a state cooperative film library. *Educ. Screen*, 15:39-41. (2400)

GRIFFITH, COLEMAN ROBERTS, Ph.D.
Professor of Education and Director of the Bureau of Institutional Research.

Books:

With C. E. Skinner and others:

Readings in psychology. Farrar and Rinehart, N.Y., 1935. 853 pp.

With S. M. Corey and E. F. Potthoff:

Workbook in educational psychology. Farrar and Rinehart, N.Y., 1935. iv + 202 pp.

ARTICLES:

Athletics. In *American Colleges and Universities* (3d ed.), edited by C. S. Marsh, 1936, pp. 43-44. (800)

GRUBER, ELBERT EGIDIUS, M.S.

Assistant in Chemistry

See Roger Adams.

GULBRANDSEN, LARS FREMAN, M.D.

Instructor in Bacteriology and Public Health

ARTICLES:

Invasion of the body tissues by orally ingested bacteria and the defensive mechanism of the gastro-intestinal tract. *Amer. J. Hyg.*, 22:257-73.

With R. S. Keller:

Tubercle bacilli on the lips of patients with pulmonary tuberculosis. *Ill. Med. J.*, Oct., 1935. 12 pp.

GULLETTE, CAMERON CHARLES, Ph.D.

Assistant Professor of Romance Languages

ARTICLES:

The Illinois Modern Language Association, a report. *Mod. Lang. J.*, 20:4:233-34. (800)

Suggestions for a Spanish club calendar. *Ibid.*, 20:8:459-68. (5000)

REVIEWS:

Language learning, by Peter Hagboldt. *Italia*, 12:4:219-20. (500)

Macías, by Larra, edited by H. J. Nune-maker. *Mod. Lang. J.*, 20:3:116-17. (500)

HACKETT, ROBERT PHILLIP, Ph.D.

Assistant Professor of Accountancy

ARTICLES:

Why modern business men need accounting training. *J. Bus.*, 16:5:9, 14. (1300)

Consistency in prepaid expenses. *Acct. Rev.*, 10:2:206-09. (2700)

HAGUE, STELLA MARY, Ph.D.

Instructor in Botany

ARTICLES:

With G. W. Boewe and Stella H. Barrick:

Mosses from Apple River Canyon, Mississippi Palisades, and White Pines Forest State Parks. *Trans. Ill. Acad. Sci.*, 28:2: 83-84.

HALL, BENJAMIN VINCENT, Ph.D.

Instructor in Zoology

ARTICLES:

With R. M. Lewis:

The induction of an acid vaginal secretion in the immature macaque by injections of oestrin. *Endocrin.*, 20:210-13. (1700)

HALL, STANLEY WILLIAM, B.S.

Associate Professor of Floriculture

ARTICLES:

Some thoughts on greenhouse fertilizers. *Bul. Chrys. Soc. Amer.*, 3:2:6-11. (4000)

Results of extensive research explained at Illinois short course. *Flor. Rev.*, 77:1993: 9-13.

Retail sessions feature lighting, demonstration. *Ibid.*, 77:1993:13-14.

Illinois state group meets. *Ibid.*, 77:1993:14.

Illinois course banquet. *Ibid.*, 77:1993:14.

Pot plant pointers given at short course. *Ibid.*, 77:1993:18-19.

HALPER, PHILIP ALLEN, B.S., M.D.

Associate in Laryngology, Rhinology, and Otolaryngology

ARTICLES:

Rhinology. In *Review of Medical Progress*. F. A. Davis Co., Phila., 1935.

Sections in *Cyclopedia of Medicine*. F. A. Davis Co., Phila., 1935.

HAMILTON, TOM SHERMAN, M.S.

Associate in Animal Nutrition

See H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.

Professor of History

REVIEWS:

John Lind of Minnesota, by G. M. Stephenson. *Amer. Hist. Rev.*, 41:3:590-91. (300)

Guarding the frontier, by E. B. Wesley. *Minn. Hist.*, 17:1:80-81. (500)

HARNO, ALBERT JAMES, B.S., LL.B.,

LL.D.

Professor of Law, Dean of the College of Law, and Provost

ARTICLES:

The plan of the criminal code. *Ill. Bar J.*, 24:5:144-46. (1700)

HARTLEY, MILES C., Ph.D.

Teacher in the University High School

ARTICLES:

Some geometric properties of the algebraic, plane sextic invariant under the symmetric G₆. *Tôhoku Math. J.*, 40:2:425-32. (1400)

HARTUNG, ADOLPH, M.D.

Professor of Roentgenology

ARTICLES:

With T. J. Wachowski:

Mucocele of the frontal sinus: with special reference to the roentgen aspects and report of four cases. *Amer. J. Roentgen. Radium Ther.*, 34:1:30-36. (3200)

The roentgen diagnosis of intracranial lesions. *Ill. Med. J.*, 69:25-28. (2800)

Extraneous shadows complicating urography with special reference to radiopaque pills. *J.A.M.A.*, 106:5:96-98. (1600)

With Samuel Rupert:

Roentgen aspects of sympathetic neuroblastoma. *Radiology*, 24:607-15. (3200)

HASSIN, GEORGE BORIS, M.D.
Professor of Neuropsychiatry

ARTICLES:

Crossed atrophy of the cerebellum: pathologic study of a case. *Arch. Neurol. Psychiat.*, 33:917-27. (3000)

Paraplegias: their significance in general practice. *J. Nerv. and Ment. Dis.*, 82:2: 134-46. (5500)

With T. T. Stone:

Subacute combined degeneration of the spinal cord. *Arch. Neurol. Psychiat.*, 34: 401-06. (2500)

With T. H. Harris:

Olivopontocerebellar atrophy. *Ibid.*, 34:43-61. (8000)

With S. B. Broder:

Intravenous injections of hypotonic and hypertonic solutions. *J.A.M.A.*, 104:1955-57. (3000)

HATHAWAY, MILICENT LOUISE, Ph.D.
Associate in Home Economics

ARTICLES:

With D. E. Lobb:

The provitamin D of heat-treated cholesterol. *J. Biol. Chem.*, 113:1:105-10.

HAYES, WILLIAM PATRICK, Ph.D.
Associate Professor of Entomology

ARTICLES:

Two new species of *Cosmobaris*. *J. Kans. Ent. Soc.*, 9:1:26-29. (1000)

REVIEWS:

The wood-feeding roach *Cryptocercus*, by C. R. Cleveland. *Bul. Brook. Ent. Soc.*, 30:3:127. (200)

HENDERSON, MELVIN, M.S.
Instructor in Agricultural Education
See L. E. Card.

HERROLD, RUSSELL DORR, B.S., M.D.
Associate Professor of Surgery

ARTICLES:

The effect of formaldehyde on the growth of tubercle bacilli. *J. Lab. Clin. Med.*, 20:11:1165-67. (800)

With E. E. Ewert and H. Maryan:

Relation of chronic cervicitis to infection of the urinary tract. *Surg. Gyn. Obstet.*, 62:85-89. (3000)

HERSHEY, ALBERT EBY, M.S.
Research Associate in Mechanical Engineering

ARTICLES:

Measurement of gas temperatures in an internal-combustion engine. *Trans. A.S.M.E.*, 58:3:195-201. (5000)

HESS, JULIUS HAYES, M.D.
Professor of Pediatrics and Head of the Department

ARTICLES:

Round table discussion on prematurity. *J. Ped.*, 8:1:104.

Infants immature and premature. *Cyclopedia of Medicine*, F. A. Davis Co., Phila.

With S. M. Abelson and I. P. Bronstein:

Atlanto-axial dislocations. *Amer. J. Dis. Child.*, 49:1:137-47. (4200)

HICK, FORD KIMMEL, B.S., M.D.
Associate in Medicine

ARTICLES:

Partial pressure of oxygen in arterial blood of patients: description of an aerotonometer method. *Proc. Soc. Exp. Biol. Med.*, 33:582-87.

HIGGINS, JOHN A., D.D.S.

Assistant in Pharmacology, Materia Medica, and Therapeutics

See H. A. McGuigan.

HIGGINSON, GLENN D., Ph.D.
Associate Professor of Psychology

BOOKS:

Psychology. Macmillan Co., N.Y., 1936. 646 pp.

ARTICLES:

Stimulus, sensation, and meaning. *J. Phil.*, 32:24:645-50. (2000)

Human learning with a rotated maze. *J. Psych.*, 1:1:277-94. (4800)

Some categories in psychology. *Psych. Rev.*, 43:217-28. (4000)

A new explanation of some so-called illusory patterns. *J. Psych.*, 1:1:295-311. (4500)

A systematic approach to psychology in terms of function and product. *Ibid.*, 1:2: 1-23. (7000)

With Earl Allgaier:

An electro-mechanical maze for the study of human learning. *Ibid.*, 1:1:271-75. (1200)

A non-moving sound-cage for auditory studies. *Ibid.*, 1:1:313-18. (1600)

HINDSLEY, MARK HUBERT, A.M.

Assistant Director of Military Bands and Associate in Music

BOOKS:

Formations, designs, and entrances for the marching band. *Marching Manuever Series*, I. Gamble Hinged Music Co., Chicago, 1935. 27 pp.

HOELSCHER, RANDOLPH PHILIP, M.S., C.E.

Professor of General Engineering Drawing
See H. H. Jordan.

HOLMES, RALPH M., A.M.

Associate in Music

ARTICLES:

No more grades in music classes. *Music Educ. J.*, 22:4:31-33. (1300)

Operetta choral music. *Educ. Music Mag.*, 15:3:20. (300)

Musical foundations and their development. *Music Educ. Nat. Conf. Yearbook*, 1935, pp. 375-76. (900)

The school festival and its contribution to the interpretation of the school program to the public. *Ibid.*, p. 112. (200)

MUSICAL COMPOSITIONS:

Short'nin' bread. (Arrangement for three-part chorus and piano.) Raymond A. Hoffman Co., Chicago, 1935. 8 pp.

HOLT, HAROLD WRIGHT, A.B., LL.B., S.J.D.

Professor of Law

BOOKS:

Illinois annotations, restatement of contracts. American Law Institute Pub. Co., St. Paul, Minn., 1936. 330 pp.

HOLT, H. W. (continued)

REVIEWS:

Husband and wife, by C. G. Vernier. *Yale Law J.*, 45:742. (650)

HOPKINS, B. SMITH, Ph.D., D.Sc.
Professor of Inorganic Chemistry

ARTICLES:

The cultural value of chemistry. *J. Chem. Educ.*, 12:418-22. (5000)

With D. W. Pearce and T. T. Quirke:

Chemical stability of the terminal faces of acicular crystals. *Amer. J. Sci.*, 30:116-20. (2100)

With D. W. Pearce and C. R. Naeser:

Observations on the rare earths 42: studies in the electrolytic reduction of ytterbium. *Proc. Electrochem. Soc.*, 69:11:145-52. (3200)

With J. B. Reed and L. F. Audrieth:

Observations on the rare earths 42: preparation of anhydrous rare earth compounds by action of fused and solid "onium" salts on the oxides. *J.A.C.S.*, 57:1159-60. (950)

With D. H. West:

Observations on the rare earths 45: preparation of rare earth amalgams by displacement. *Ibid.*, 57:2185-86. (1200)

With C. R. Naeser:

Observations on the rare earths 46: atomic weight of gadolinium. *Ibid.*, 57:2183-84. (1600)

With L. W. Mattern, W. Segerblom, and N. E. Gordon:

An outline of the essentials for a year of high school chemistry. *J. Chem. Educ.*, 13:175-179. (5000)

REVIEWS:

College Chemistry, by Smith. 3d rev. ed., by James Kendall. *J. Chem. Educ.*, 12:450. (1000)

Introduction to inorganic chemistry, by G. H. Cartledge; Laboratory exercises in inorganic chemistry, by G. H. Cartledge and H. W. Woodburn. *Ibid.*, 12:599. (850)

HORSFALL, ROBERT BRUCE, JR., A.M.
Assistant in Physics

See G. M. Almy.

HOSTETTER, MARIE MILLER, A.B., B.L.S.
Assistant Professor of Library Science

ARTICLES:

The academic training of the librarian. *Library J.*, 61:139-140. (1585)

HOWARD, FRANK CHARLES, M.S.
Instructor in Chemical Engineering

See Sherlock Swann, Jr.

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Associate Professor of Geology

BOOKS:

Regional geology of the United States. Univ. of Ill. Mimeo., 1935. 100 pp.

ARTICLES:

Factors affecting the recovery of petroleum from limestones. *Oil and Gas J.*, 34:4:40. *Oil News* (London), Aug. 1, 1935. (800)

HUELSON, ROBERT R., A.M.
Assistant Dean of the College of Agriculture and Professor of Agricultural Economics

ARTICLES:

Agricultural college courses for rural appraisers. *J. Farm. Econ.*, 17:3:501-12. (5000)

HUEGY, HARVEY WILBORN, Ph.D.
Associate in Business Organization and Operation

ARTICLES:

Retail credit—a six-year record. *Credit World*, 24:1:4-6. (2000)

HUELSEN, WALTER A., M.S.
Associate Professor of Olericulture

ARTICLES:

Growing tomatoes in Illinois. *Ill. Agr. Ext. Serv. Circ.*, 451. (13,000)

New wilt resistant tomato varieties for field and greenhouse. *Ibid.*, 448. (5000)

With M. C. Gillis:

Fertilizer requirements of sweet corn. *Ill. Agr. Exp. Sta. Bul.*, 417. (40,000)

Fertilizer treatments for sweet corn. *Ill. Agr. Ext. Serv. Circ.*, 439. (5500)

HUELSTER, LAURA JEWEL, A.M.
Associate in Physical Education for Women

ARTICLES:

The growth of soccer for girls and women. *J. Health and Phys. Educ.*, 6:7:39, 53. (1400)

Significant findings of a survey of the status of soccer, speedball, and fieldball in the school physical education program for girls. *Official Soccer Guide for Women, 1935-36*, Spalding's Athletic Library 116R, pp. 8-10. (1300)

HUNTER, MERLIN HAROLD, Ph.D.
Professor of Economics

BOOKS:

Outline of economic history of the United States. Longmans, Green, and Co., N.Y., 1936. 130 pp.

ARTICLES:

A forgotten economic law. *Kiwanis Mag.*, 20:8:357, 393-94. (2500)

So you are a college professor. *Christian Science Monitor*, Oct. 2, 1935. (2200)

Government and weather. *Kiwanis Mag.*, 21:1:21. (1000)

The burden of our public debts. *Social Sci.*, 10:3:248-53. (4000)

Taxation and social welfare. *Proc. Ill. Conf. Soc. Welfare*, 1935, pp. 198-201. (2000)

The tragedy of meaningless words and phrases. *Tax Mag.*, 13:10:582-83, 626-27. (2000)

Income taxation of non-residents. *Proc. Nat. Tax Assoc.*, 1935, pp. 235-36. (2000)

State finances. *Amer. Year Book*, 1935, pp. 229-36. (4000)

Shall we tax corporations or business? *Amer. Econ. Rev.*, 26:1:84-89. (2000)

REVIEWS:

Training for the public service. *Acct. Rev.*, 11:1:97. (300)

Politics, pressures, and the tariff, by E. E. Schattschneider. *Amer. Econ. Rev.*, 26:1:154. (250)

Public finance, by Fagan and Macy. *Ibid.*, 25:2:369. (200)

HUNTINGTON, WHITNEY CLARK, M.S., C.E.
Professor of Civil Engineering and Head of the Department

ARTICLES:

- Structural engineering. Chapter in *Amer. Year Book*, 1935. (7000)
New type of pressure cell for granular materials. *Eng. News-Rec.*, Jan. 2, 1936. (2500)

HYNEMAN, CHARLES S., Ph.D.
Assistant Professor of Political Science

BOOKS:

- A collection of materials on government regulation of business. Univ. of Ill. Info. Office Mimeo. Part I, 316 pp. Part II, 139 pp.

ARTICLES:

- Legislative experience of Illinois lawmakers. *Univ. of Chicago Law Rev.*, 3:1104-18. (8000)
Recent publications of political interest (compilation). *Amer. Pol. Sci. Rev.*, 29: 3:541-62; 4:727-47; 5:920-37; 6:1098-124; 30:11213-35; 2:417-45. (50,000)

INGRAHAM, RAYMOND CLIFFORD, Ph.D.
Instructor in Physiology in the College of Medicine

ARTICLES:

- Nonspecificity of the chloride impoverishing mechanism of small intestine. *Proc. Soc. Exp. Biol. Med.*, 33:453-55. (500)
See also M. B. Visscher.

JACKSON, CHESTER OSCAR, A.M.
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ARTICLES:

- Selected bibliography of recreation. *Curriculum Lab.*, Urbana. March, 1936. 10 pp. (2500)
Condensed summary of questionnaire study on Recreation in Industry. *Nat. Phys. Educ. Serv. Bul.*, 89:12. (200)
Recent changes in student teaching practices and major problems in teacher training at forty-three institutions of higher learning. *Amer. Phys. Educ. Assoc. Res. Q.*, 7:2108-19. (3200)

With W. O. Alstrom:

- A study of physical education preferences. *Nat. Phys. Educ. Serv. Bul.*, 90:5-6. (350)

JAFFE, RICHARD HERMANN, M.S., M.D.
Professor of Pathology

ARTICLES:

- The pathology of pulmonary tuberculosis. Chap. 4 of Vol. I of *Clinical Tuberculosis*, by B. Goldberg. F. A. Davis Co., Phila., 1935, pp. A-97-149. (16,000)
The primary carcinoma of the lung. *J. Lab. Clin. Med.*, 20:1227. (4000)
Histologic studies on the spleen in cases of leukemia. *Arch. Path.*, 19:647. (3000)
The nature of the anemia in acute leukemia. *Ibid.*, 20:724. (7000)
The frequency of peptic ulcer in the North American negro. *Centralbl. f. Path.*, 63: 379. (1000)
Differential diagnostic difficulties in leukemia. *Miss. Doctor*, March, 1936. (4000)

With B. M. Gasul:

- Acute epidural spinal abscess. *Arch. Ped.*, 52:6:361-90. (5000)

Articles (continued)

With A. Schultz:

- The relations between tuberculomata of the central nervous system and tuberculosis of other organs. *Amer. Rev. Tubercul.*, 32: 304. (4500)

JEFFERSON, BERNARD LEVI, Ph.D.
Professor of English and Executive Secretary of the Department

BOOKS:

With W. D. Templeman:

- A freshman guide to writing. Doubleday-Doran and Co., Garden City, N.Y., 1935. 616 pp.

JEHLE, MIMI IDA, Ph.D.

Associate in German

BOOKS:

- Das deutsche Kunstmärchen von der Romantik zum Naturalismus. *Ill. Studies in Lang. and Lit.*, 19:1-2. Urbana, 1935. 196 pp.

JENKINS, RICHARD LEOS, A.B., M.D.
Assistant Professor of Juvenile Behavior and of Physiology

ARTICLES:

- On adopting a baby. *Hygeia*, 13:1066-68. (2600)
The management of negativism in young children. *Med. Rec.*, 142:507-10. (4000)
See also A. W. Browne and H. G. Poncher.

JIRKA, FRANK JOSEPH, M.D.

Assistant Professor of Surgery

See C. S. Scuderi.

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Instructor in Political Science

BOOKS AND ARTICLES:

See J. W. Garner.

REVIEWS:

- La ratification des traités, by F. Dehousse. *Amer. J. Internat. Law*, 29:711. (300)
Vollmacht und Ratifikation bei völkerrechtlichen Verträgen nach deutschem Recht, by H. O. Meissner. *Ibid.*, 29:551. (150)

JOHNSON, CLARENCE A., Ph.D.

Associate in Physiological Chemistry

ARTICLES:

With William B. Bradley:

- Preparation and antigenic properties of globins from hemoglobins of different species. *J. Infect. Dis.*, 57:70-73. (1600)

JOHNSON, SVEINBJORN, A.M., LL.B.,

LL.D.

Professor of Law and University Counsel

BOOKS EDITED:

- Cases on private corporations, by H. S. Richards. (3d ed.) West Pub. Co., St. Paul, 1936. lxiv + 968 pp.

ARTICLES:

- Keep your powder dry! Civilian Military Education Fund, Washington, D.C., 1936. 24 pp.
A lawyer looks at the engineers. *J. Eng. News*, June, 1935. (3000)
The fifty-eight lawyers. *U. S. Law Rev.*, 70:1:22-30. (4000)

REVIEWS:

- The earliest Norwegian laws, by L. M. Larson. *Georgetown Law Rev.*, Nov., 1935. (1200)

JOHNSTONE, HENRY FRASER, Ph.D.

Associate Professor of Chemical Engineering

ARTICLES:

Recovery of sulfur dioxide from waste gases—equilibrium partial vapor pressures over solutions of the ammonia-sulfur dioxide-water system. *Ind. Eng. Chem.*, 27:587-93. (5600)

See also D. B. Keyes.

JONES, MILDRED ELINOR, Ph.D.

Instructor in Physiology

See F. R. Steggerda.

JORDAN, GARRET LOWELL, Ph.D.

Assistant Professor of Agricultural Economics and Assistant to the Dean of the College of Agriculture

ARTICLES:

What about soybean prices this fall? *Ill. Farm Econ.*, Oct., 1935.

JORDAN, HARVEY HERBERT, B.S.

Professor of General Engineering Drawing, Head of the Department, and Associate Dean of the College of Engineering

BOOKS:

With R. P. Hoelscher:

Engineering drawing (3d rev. ed.). John Wiley and Sons, N.Y., 1935.

JUDSON, LYMAN SPICER, Ph.D.

Assistant Professor of English

BOOKS:

A manual of group discussion. Univ. of Ill., Urbana, 1936. 184 pp.

ARTICLES:

With E. A. Nusbaum, L. Foley, and C. Wells:

Experimental studies of the firmness of the velar-pharyngeal occlusion during the production of English vowels. *Speech Monog.*, 2:71-80.

KADOW, KENNETH JOHN, Ph.D.

Associate Pathologist in Horticulture

ARTICLES:

Important diseases of vine crops in Illinois and methods of controlling them. *Ill. Veg. Grow. Assoc. An. Rpt.*, 1935.

See also H. W. Anderson.

KAMPMEIER, OTTO FREDERIC, Ph.D.,

M.D.

Professor of Anatomy and Head of the Department

BOOKS:

A manual of instruction of human morphology. Part II. Edwards Brothers, Ann Arbor, Mich., 1935. 141 pp.

KEETON, ROBERT WOOD, M.S., M.D.

Professor of Medicine and Head of the Department

ARTICLES:

Diabetes and Tuberculosis. Chapter in *Clinical Tuberculosis*, by B. Goldberg. F. A. Davis Co., Phila., 1935, pp. K-3-32. (20,000)

The importance of dietetics in modern medicine. *Proc. Interstate Post Grad. Med. Assoc. N. Amer.*, 1935, pp. 157-61.

Factors in tissue repair and resistance to infection. *J. Amer. Dent. Assoc.*, 23:194-201.

Use of the outpatient department in medical education. *J.A.M.A.*, 106:17:1500 (330)

Articles (continued)

With Helen Holt and Birgit Vennesland:

The effect of gonadectomy on body structure and body weight in albino rats. *Amer. J. Physiol.*, 114:3:515-25.

With E. F. Foley, A. B. Kendrick, and D. Darling:

Alterations in serum proteins as index of liver failure. *Proc. Soc. Exp. Biol. Med.*, 33:430-31. (550)

KELLEY, CORNELIA PULSIFER, Ph.D.

Instructor in English

REVIEWS:

Reading and writing, by R. M. Gay. *Engl. J.*, 25:1:81-82. (500)

KELLEY, VICTOR W., Ph.D.

Associate Professor of Horticulture Extension

ARTICLES:

Efficient spraying. *Trans. Ill. Hort. Soc.*, 69:401-11.

Factors affecting development of color in fruits. *Ibid.*, 69:430-40.

Summary of good orchard practices for 1936. *Ibid.*, 69:287-95.

Orchard cover crops. *Ill. Hort. Soc. News Letter*, Aug., 1935.

Practical sanitation for apple orchards. *Ill. Agr. Exp. Sta. Circ.*, 443. 23 pp.

KEYES, DONALD BABCOCK, Ph.D.

Professor of Chemical Engineering

ARTICLES:

Chemical engineering problems of our mineral resources. *Ill. Eng. Exp. Sta. Reprint* No. 3. (1500)

The teaching of chemical engineering unit processes. *Proc. 4th Symp. on Chem. Eng. Educ.*, Amer. Instit. Chem. Eng., p. 58. (2000)

With H. F. Johnstone:

Recovery of sulfur dioxide from waste gases. Distillation of a three-component system, ammonia-sulfur dioxide-water. *Ind. Eng. Chem.*, 27:659-65. (4000)

KEYSER, LOUIS SCHRÖER, M.S.

Assistant in Chemistry

ARTICLES:

A new buret for potentiometric titrations. *J. Ind. Eng. Chem., anal. ed.*, 8:82. (300)

A new buret for alkali titrations. *Ibid.*, 8:121. (300)

KINZER, GILBERT DE FOREST, M.S.

Assistant in Physics

See G. M. Almy.

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ARTICLES:

President's power to remove federal officers. *Mich. Law. Rev.*, 33:1256-59. (800)

Immunity of state officers from federal income tax. *Ibid.*, 33:1283-85. (750)

KOEHLER, BENJAMIN, Ph.D.
Associate Chief in Crop Pathology

ARTICLES:

- Seed treatments for the control of certain diseases of wheat, oats, barley. *Ill. Agr. Exp. Sta. Bul.*, 420:499-575. (31,000)
- Seed treatments for farm crops. *Ill. Agr. Exp. Sta. Circ.*, 444:3-19. (4900)
- Entry of *Fusarium moniliforme* and *Cephalosporium acremonium* into growing corn ears. *Phytopath.*, 26:98-99. (200)
- Effect of seed coat injury on germination, vigor, and yield of corn. *Trans. Ill. Acad. Sci.*, 28:2. (1190)

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Special Research Associate in Mechanical Engineering
See A. P. Kratz.

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ARTICLES:

- Stab wounds of the heart. *Arch. Int. Med.*, 56:281-96.

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BOOKS:

- Design data for electrical wiring and illumination. John S. Swift Co., St. Louis, 1935. 60 pp.

With M. A. Faucett:

- Circuits in electrical engineering. John S. Swift Co., St. Louis, 1936. 361 pp.

See also C. W. Parmelee.

KRAINES, SAMUEL HENRY, B.S., M.D.
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KRASE, NORMAN WILLIAM, Ph.D.
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ARTICLES:

With A. D. Singh:

- Synthesis of acetic acid from methanol and carbon monoxide. *Ind. Eng. Chem.*, 27: 909-14. (3500)

KRATZ, ALONZO PLUMSTEAD, M.S.
Research Professor of Mechanical Engineering

ARTICLES:

- Heat loss calculations for space heating. *Coal-Heat*, 28:1:40-44. (3000)
- Factors affecting human comfort. *Ibid.*, 28:4: 56-64. (6000)
- How heat control affects human health. *Commerce*, 32:12:36-38. (2000)

With S. Konzo:

- Fuel saving resulting from the use of storm windows and doors. Heating, Piping, and Air Conditioning. *Amer. Soc. Heat. and Vent. Eng. J.*, 7:12:595-99. (4300)

With F. C. Houghten:

- Report of the committee on research for 1935. *Ibid.*, 8:2:119-26. (5000)

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ARTICLES:

With S. G. Weissberg:

- Deep terms in ions of the isoelectronic sequence to Cl I to Mn ix. *Phys. Rev.*, 47: 798A.

Articles (continued)

- Deepest terms in ions of the isoelectronic sequence A 1 to Mn vi. *Ibid.*, 48:659.

- Deep terms in Ti Vi, v, vii, Cr viii and Mn ix. *Bul. Amer. Phys. Soc.*, 2:2:20.

- Series spectra in Mn vii and Fe viii. *Ibid.*, 2:2:20.

KUDO, RICHARD ROKSABRO, D.Sc.
Associate Professor of Zoology

BOOKS:

With L. J. Thomas, W. M. Luce, and B. V. Hall:

- Laboratory manual for an elementary course in general zoology. Univ. of Ill. Info. Office. 84 pp.

ARTICLES:

- The macronuclear chromatin of *Nyctotherus ovalis*. *J. Parasitol.*, 21:429-30.

REVIEWS:

- Lehrbuch der Protozoenkunde*. 5 Aufl. II, T. 2. By F. Doflein and E. Reichenow. *Bot. and Zool.*, 3:10:1871.

- Cellular respiration, by N. U. Meldrum. *Ibid.*, 3:11:122.

- Urtiere oder Protozoa. I. Wimpertiere oder Ciliata, by A. Kahl. *Ibid.*, 4:3:130.

- The Invertebrata. 2d ed., by L. A. Borradaile and others. *Ibid.*, 4:4:135.

- Essentials of tissue culture technique, by Gladys Cameron. *Tokio Med. J.*, 2950:36.

- Parasites et parasitisme, by Pierre P. Grasse. *Ibid.*, 2962:30.

KUHLMAN, ALVIN FREDERICK, M.S.
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REVIEWS:

- Flow of water around bends in pipes, by D. L. Yarnell and F. A. Nagler. *Trans. A.S.C.E.*, 100:1036-40. (2000)

LARSON, LAURENCE MARCELLUS, Ph.D., LL.D.
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ARTICLES:

- Problems of the Norwegian church in the eleventh century. *Church Hist.*, 4:3:159-72. (5500)

- Literature of the Vinland problem. *Nordisk Tidende*, Oct. 9, 1935. (1900)

- Otto Leopold Schmidt. *J. Ill. Hist. Soc.*, 28: 4:237-46. (3750)

- The Kensington Rune Stone. *Minn. Hist.*, 17:1:20-37. (6300)

- Great Britain. *World Book Encyc. An.*, 1935. pp. 72-75. (2100)

- Irish Free State. *Ibid.*, pp. 83-84. (700)

LAW, GLENN CLINE, M.S.
Instructor in Physical Education for Men

BOOKS:

- Thirty lessons in boxing. Bailey and Himes, Champaign, 1936. 76 pp.

LEE, FREDERIC EDWARD, Ph.D.
Professor of Economics

ARTICLES:

- British banks' enviable record. *Barron's*, 15: 28:18. (2500)
British banks join upswing. *Ibid.*, 16:16:15. (3000)
Revised banking bill—victory for Carter Glass. *Chicago J. Com.*, 15:235:8. (3000)
Revised banking bill—senate amendments to title II. *Ibid.*, 15:236:10. (3000)
Real estate loans and underwriting provisions of new banking bill. *Ibid.*, 15:238:4. (2500)
Banking bill conference delay. *Ibid.*, 15: 253:8. (3000)
Eight years of English joint stock banking. *Ibid.*, 15:259:4. (4000)
Banking—whose victory? *Ibid.*, 15:282:8. (3500)
Bank act—gains and losses. *Ibid.*, 15:285:8. (3000)
Our silver policy. *Ibid.*, 16:21:4. (3500)
Urges blocking of reserve board of political puppets. *Ibid.*, 16:78:5. (2500)
Wanted: a constructive silver policy. (Pamphlet) Economists' Nat. Com. on Monetary Policy, April, 1936. 5 pp. (3500)
Analyzing foreign government investment issues. *Economist*, 24:15:18. (4000)
The banking act of 1935—some notable omissions. *Great Lakes Banker*, 17:4:10-11. (3000)
The University of Maryland episode. *Sch. and Soc.*, 42:1072:62-64. (1250)

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ARTICLES:

- Saving money in elevating corn. *Electricity on the Farm Mag.*, June, 1935.
Agricultural drainage and water conservation in Illinois. Mimeo. for Ill. Soc. of Engineers, Jan., 1936.

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Books:

With R. P. MacFate:

- Handbook of clinical laboratory diagnosis. (2d ed.) Edwards Bros., Ann Arbor, Mich., 1936. 298 pp.

ARTICLES:

- Suprarenal hemorrhages (traumatic) in the newborn. *Amer. J. Surg.*, 29:1:94-96.
Immunity phenomena in tuberculosis. *J. Lab. Clin. Med.*, 20:2:1153-64.
Thymic death and the meteorological environment. *Amer. J. Surg.*, 1936.

With R. I. Klein and P. Rosenblum:

- Weltmann serocoagulation test in diseases of childhood. *Proc. Soc. Exp. Biol. Med.*, 1936.

LEVINTHAL, DANIEL HAROLD, M.D.
Assistant Professor of Orthopaedics

ARTICLES:

- Old traumatic displacement of the distal femoral epiphysis. *J. Bone Joint Surg.*, 18:1:199-204. (500)

With Irving Wolin:

- Arthrokataclasis of the hip joint. *Radiology*, 25:5:580-85. (1000)

LEVY, HERMAN ABRAHAM, B.S., M.D.
Assistant in Medicine
See H. A. Singer.

LICHTENSTEIN, BEN WILLIAM, B.S., M.D.
Instructor in Psychiatry

ARTICLES:

With Howard Zeitlin:

- Pontile abscess: report of two cases. *J.A.M.A.*, 106:1057-60. (3500)

LINDSTROM, DAVID EDGAR, Ph.D.
Assistant Professor of Rural Sociology

ARTICLES:

- The community unit. Ill. Agr. Ext. Serv., Mimeo. RSE-10. 23 pp. (4600)
Rural discussion team tourneys. *Ibid.*, RSE-22. 21 pp. (4200)
The relief client and the community. I. E. R. C. Mimeo., Chicago. 4 pp. (1000)
The future population in the agricultural industry in the state of Illinois. *Trans. Ill. Acad. Sci.*, 28:2:141-42. (1200)
What do farmers want. *Ext. Serv. Rev.*, 7:1:1,12. (1500)
4-H looks to rural sociology. *Ibid.*, 6:8. (800)
A richer rural social life is emerging from the depression. *Ill. Agr. Assoc. Rec.*, 13:9:21. (500)
See also H. C. M. Case.

LITTLETON, ANANIAS CHARLES, Ph.D., C.P.A.
Professor of Accountancy and Assistant Director of the Bureau of Business Research

ARTICLES:

- Value or cost. *Acct. Rev.*, 10:3:269-74. (4000)
Contrasting theories of profit. *Ibid.*, 11:1: 10-16. (4500)
An inevitably mediocre bureaucracy. *J. Acct.*, 60:4:264-70. (3000)

REVIEWS:

- Works on accounting by American authors, by H. C. Bentley. *Ibid.*, 60:4:309-11. (700)

LLOYD, JOHN WILLIAM, Ph.D.
Professor of Olericulture

ARTICLES:

- Precooling in relation to the marketing of Illinois fruits. *Trans. Ill. Hort. Soc.*, 67: 225-35. (4000)

With S. W. Decker:

- Factors influencing the refrigeration of packages of peaches. *Ill. Agr. Exp. Sta. Bul.*, 418:437-64. (11,000)

With E. P. Lewis:

- Substitution of commercial fertilizers for manure in vegetable production. *Ibid.*, 421:577-610. (12,500)

LOCKLIN, DAVID PHILIP, Ph.D.
Associate Professor of Economics

BOOKS:

Economics of transportation. Business Publications, Inc., Chicago, 1935. 788 pp.

ARTICLES:

Statistical analysis of 31 reorganizations of Class I railways, 1914-33. Bur. of Statistics, I.C.C., Mimeo. (5200)

LOHMANN, KARL BAPTISTE, M.L.A.
Professor of Landscape Architecture

BOOKS:

Regional planning. Edwards Bros., Ann Arbor, Mich., 1936. 141 pp.

ARTICLES:

A community-planning primer for Illinois. *Univ. of Ill. Bul.*, 32:50:1-24. (9200)

Rebuilding small American cities. *Planners J.*, March-April, 1936. p. 43. (550)

Impressions of a sabbatical leave. *Univ. of Ill., Dept. of Landscape Arch., Alumni News Letter*, 1936. pp. 4-6. (1870)

LOOMIS, FRANCIS WHEELER, Ph.D.
Professor of Physics and Head of the Department

ARTICLES:

With T. F. Watson:

Band spectra of AgO and CuO. *Phys. Rev.*, 48:280-82.

With O. H. Brandt:

Band spectrum of OH⁺. *Ibid.*, 49:55-67.

With P. Kusch:

Note on a band system of caesium. *Ibid.*, 49:217-18.

LUCE, WILBUR MARSHALL, Ph.D.
Associate in Zoology

ARTICLES:

Temperature studies on bar-infrabar. *J. Exp. Zool.*, 71:1:125-47. (7000)

LYBYER, ALBERT HOWE, Ph.D.
Professor of History

ARTICLES:

United States relations in the Orient and Near East. *Amer. Year Book*, 1935, pp. 78-84. (3000)

Arabia, Greece, Iraw, Iran, Egypt, Syria, Turkey. *World Book Encyc. An.*, 1935. (4000)

Leadership in ancient Asia. *New Orient*, Jan., 1936, pp. 5-13. (2500)

MACFATE, ROBERT PRESTON, Ch.E., M.S.
Assistant Director of the Hospital Laboratory and Associate in Pathology
See S. A. Levinson.

MACKAY, ROLAND PARKS, A.B., M.D.
Associate Professor of Psychiatry

ARTICLES:

Ependymoblastoma in the fourth ventricle, with new bone formation. *Arch. Neurol. Psychiat.*, 34:844-53.

With John Favill:

Syringomyelia and intramedullary tumor of the spinal cord. *Ibid.*, 33:1255-76.

MACMASTERS, MAJEL MARGARET, Ph.D.
Instructor in Home Economics

ARTICLES:

With Julia E. Abbott and Charles A. Peters: Investigations of the effects of some factors on rhythmic crystallization. *J.A.C.S.*, 57:2504-08. (2500)

MALCOLM, ROBERT BRUCE, M.S., M.D.
Associate Professor of Surgery

ARTICLES:

Carcinoma of breast. *Surg. Clin. N. Amer.*, Feb., 1936, pp. 303-16.

MARSH, RAY STANLEY, A.M.
Associate Professor of Pomology

ARTICLES:

Soil nitrate nitrogen determinations following the applications of calcium cyanamide and nitrate of soda to the surface of the soil under apple trees during dry and normal seasons. *Proc. Amer. Soc. Hort. Sci.*, 33:142-44. (500)

MARVEL, CARL SHIPP, Ph.D.
Professor of Organic Chemistry

ARTICLES:

The scientific work of Roger Adams. *Chem. Bul.*, March, 1936, pp. 1-4. (3600)

With C. F. Gibbs:

Quaternary ammonium salts from bromopyridylalkylamines. V. Conversion of cyclic ammonium salts to linear polymers. *J.A.C.S.*, 57:1137-39. (1800)

With J. W. Copenhaver and Max F. Roy:

Hexa-*p*-alkylphenylethanes. The effect of the *p*-alkyl group in the dissociation of the ethane. *Ibid.*, 57:1311-14. (2700)

With L. E. Schniepp:

Some reactions of delta-aminovaleric acid and its derivatives. *Ibid.*, 57:1557-58. (1100)

Di-*p*-alkylphenyldibiphenyleneethanes. The effect of the *p*-alkyl group on the dissociation of the ethane. *Ibid.*, 57:1635-36. (1700)

With Madison Hunt:

The reaction between sulfur dioxide and olefins. II. Propylene. *Ibid.*, 57:1691-96. (4800)

With J. C. Eck:

The synthesis of Bis-2,2'-(1,3-diphenylindenol-3). A contribution to the rubrene problem. *Ibid.*, 57:1898-1900. (2300)

With L. L. Ryden:

The reaction between sulfur dioxide and olefins. III. Higher olefins and some limitation of the reaction. *Ibid.*, 57:2311-14. (3000)

With J. H. Ford and C. D. Thompson:

Rearrangements of polyynes. VII. Formation of allenes. *Ibid.*, 57:2619-23. (4000)

With E. D. Farley:

Rearrangement of polyynes. VIII. Formation of diallenes. *Ibid.*, 58:29-34. (4800)

MARYAN, HARRY OLIVER, B.S., M.D.
Associate in Obstetrics and Gynecology
See R. D. Herrold.

MATHEWS, JOHN MABRY, Ph.D.
Professor of Political Science

ARTICLES:

Roosevelt's Latin-American policy. *Amer. Pol. Sci. Rev.*, 29:5:805-20. (5000)

MATTOX, NORMAN THOMAS, M.S.
Assistant in Zoology

ARTICLES:

Annular rings in the long bones of turtles and their correlation with size. *Trans. Ill. Acad. Sci.*, 28:2:255-56. (750)

MAYS, ARTHUR BEVERLY, A.M.
Professor of Industrial Education

ARTICLES:

Education for culture in an age of science and machinery. *Educ. Rev.*, 44:295-99. (1900)

The new significance of the practical arts (Abstract). *J. Home Econ.*, 27:8:509-11. (900)

Significant trends in industrial education (Abstract). *Ind. Educ. Mag.*, 38:2:98-99. (800)

McCASKILL, OLIVER LE ROY, Ph.B., J.D.
Professor of Law

BOOKS:

Illinois civil practice act annotated. Foundation Press, Inc., Chicago, 1936. x + 334 pp.

ARTICLES:

One form of civil action, but what procedure, for the federal courts. *Ill. Law Rev.*, 30: 415-45. (10,000)

McCLURE, MATTHEW THOMPSON, Ph.D.
Dean of the College of Liberal Arts and Sciences, Professor of Philosophy, and Head of the Department

ARTICLES:

Science, democracy, and education. *Ill. Teachers Mag.*

MCCOLLUM, JOHN PASCHAL, Ph.D.
Assistant Chief in Olericulture

ARTICLES:

A study of the rest period of chives. *Proc. Amer. Soc. Hort. Sci.*, 33:491-95 (1250)

McDOWELL, ELLIOTT WALDO, A.M.
Assistant in English

ARTICLES:

A general humanities course. *J. Higher Educ.*, 7:1:16-22. (3500)

McGUIGAN, HUGH ALISTER, Ph.D., M.D.
Professor of Pharmacology and Therapeutics and Head of the Department

ARTICLES:

With J. A. Higgins:

Changes in the circulatory effect of potassium salts due to epinephrine (adrenalin). *Amer. J. Physiol.*, 114:207-11. (1500)

Some lesser known actions of the salicylates. *Arch. Internat. Pharm. Ther.*, 51:398-415. (5400)

McMUNN, RICHARD LACEY, M.S.
Associate in Pomology

ARTICLES:

Pollination of fruits. *Ill. Beekeep. Assoc., An. Rpt.*, 1933-34:45-53. (5200)

The distribution of rain under an apple tree. *Amer. Soc. Hort. Sci.*, 33:95-98. (1500)
See also M. J. Dorsey.

MELNICK, PERRY JULIUS, M.S., M.D.
Associate in Pathology
See Albert Bachem.

MEYER, JACOB, M.S., M.D.
Associate Professor of Medicine

ARTICLES:

With Louis Scheman and H. Necheles:

Action of oil of peppermint on the secretion and motility of the stomach in man. *Arch. Int. Med.*, 56:88-97.

Articles (continued)

With H. Necheles:

On the inhibition of gastric secretion by oil of peppermint. *Amer. J. Physiol.*, 110:3.

With H. I. Sapoznik, R. A. Arens, and H. Necheles:

The effect of oil of peppermint on the emptying time of the stomach. *J.A.M.A.*, 104:1792-94.

With J. S. Golden:

Epigastric percussion in peptic ulcer. *Amer. J. Dig. Dis. Nutr.*, 3:1:6-7.

MICHAEL, VIOLA MAE, Ph.D.

First Assistant in Animal Pathology

See Robert Graham, H. H. Mitchell, and F. W. Tanner.

MICHAUD, RÉGIS, A.M.

Professor of Romance Languages

ARTICLES:

When America invaded Montparnasse. *Légion d'Honneur*, 6:3:186-92. (3000)

Tournants littéraires. *French Review*, 9:3: 200-09. (4000)

André Gide's journey. *Books Abroad*, 10:1: 9-11. (2500)

Le mouvement littéraire et social de gauche aux Etats-Unis. *La Grande Revue*, 149:2: 575-93. (7000)

REVIEWS:

Correspondance générale, by Sainte-Beuve. *Books Abroad*, 10:2:189. (300)

French novelists of today, by M. H. Stansbury. *Ibid.*, 10:2:229-30. (300)

MILES, RUSSELL HANCOCK, M.Mus.
Associate Professor of Music

MUSIC COMPOSITIONS:

When all is still. (Part song for male voices.) H. T. FitzSimons, Chicago, 1935. 6 pp.

Scythe song. (Part song for female voices.) Oliver Ditson, Boston. 8 pp.

A song of spring. (Part song for female voices.) Oliver Ditson, Boston. 12 pp.

MILLER, GEORGE ABRAM, Ph.D., LL.D.
Professor of Mathematics, Emeritus

BOOKS:

Collected works. I. Univ. of Ill. Press, Urbana, 1935. xi + 475 pp.

ARTICLES:

Groups which are the products of two permutable proper subgroups. *Proc. Nat. Acad. Sci.*, 21:469-72. (1500)

Groups in which the squares generate a subgroup of index less than seven. *Ibid.*, 21: 523-25. (1200)

Groups of order 2^n determined by subgroups generated by their squares. *Ibid.*, 21: 621-25. (2000)

Formulas giving the number of groups determined by their squares. *Ibid.*, 21:671-74. (1700)

Largest groups determined by the squares of their operators. *Ibid.*, 21:471-81. (1400)

General theorems applying to all the groups of order 32 . *Ibid.*, 22:112-15. (1800)

Motifs pour l'introduction des nombres négatifs. *L'Enseignement Math.*, 33:221-26. (2100)

Difference between arithmetic and algebra. *Science*, 81:513-14. (600)

Articles (continued)

A wide-spread error relating to the Pythagoreans. *Ibid.*, 82:126. (300)

Definitions of mathematical terms in general English dictionaries. *Ibid.*, 82:248-49. (1000)

On the history of negative numbers. *Ibid.*, 82:517. (500)

Recent German mathematics. *Ibid.*, 83:230. (700)

Correcting errors in the histories of mathematics. *Sch. Sci. Math.*, 35:977-83. (2000)

A characteristic feature of Babylonian mathematics. *Sch. and Soc.*, 42:438-39. (700)

The backwardness of early American mathematics. *Math. Student*, 3:8-11. (1000)

Groups containing five and only five squares. *Amer. J. Math.*, 57:615-22. (3200)

Evolution of the use of the modern mathematical concept of group. *Sci. Mo.*, 41:228-33. (4000)

Basal facts in the history of mathematics. *Ibid.*, 42:230-35. (3000)

REVIEWS:

Mathematics and the question of the cosmic mind, by C. J. Keyser. *Nat. Math. Mag.*, 10:68-69. (600)

MILLER, LEO FREDERICK, B.S., M.D.

Instructor in Orthopaedics

ARTICLES:

With G. C. Coe:

Renal dwarfism. *Ill. Med. J.*, May, 1935. (800)

With Gerhard Danelius:

Roentgen examination of the intercondyloid fossa of the knee joint. *Radiology*, 25:5:605-08. (1200)

Lateral view of the hip. *Amer. J. Roent. Rad. Ther.*, 35:2. (1000)

MILLES, GEORGE, Ph.G., M.S., M.D.

Assistant Professor of Pathology

See I. P. Bronstein.

MILUM, VERN G., Ph.D.

Assistant Professor of Entomology

ARTICLES:

Lesser vs. greater wax-moths. *Gleanings in Bee Culture*, 53:662-66. (2100)

With H. W. Geuther:

Observations on the biology of the greater wax-moth, *Galleria mellonella* L. *J. Econ. Ent.*, 28:576-78. (850)

What moths infest bee combs in Illinois. *Ill. Beekeep. Assoc. An. Rpt.*, 1933-34, pp. 80-82. (1000)

With B. D. Burks:

Diseases of adult bees. *Ibid.*, pp. 70-79. (3500)

With G. E. Lynn and K. T. Crum:

The effect of methods of processing, heating, and storage temperature on the crystallization of Illinois honeys. *Ibid.*, pp. 63-69. (3500)

See also D. T. Englis.

MITCHELL, DAVID RAY, M.S., E.M.

Assistant Professor of Mining and Metallurgical Engineering

ARTICLES:

The evaluation of washed coal. *Amer. Min. Congr. Yearbook*, 1935. (4000)

Articles (continued)

Economics of coal preparation. *Coal-Heat*, July, 1935. (4000)

Economical use of solid fuel. *Ibid.*, Nov., 1935. (3000)

With L. C. McCabe and G. H. Cady:

Contributions to the study of coal. *Ill. Geol. Surv. R. I.*, 38. (7000)

MITCHELL, HAROLD HANSON, Ph.D.

Professor of Animal Nutrition

ARTICLES:

The food value of ethyl alcohol. *J. Nutr.*, 10:311-35. (10,000)

The substitution of dithioethylamine (cystine amine) for cystine in the diet of the white rat. *J. Biol. Chem.*, 111:699-705. (2500)

Phosphorus deficiencies and disease. *Vet. Med.*, 31:66-71. (1700)

The importance of calories as a diet index (revised). *Ill. Educ. Health Circ.*, 5:9-16. (2500)

A student specializing in animal husbandry needs chemistry and physics. *Proc. Amer. Soc. An. Prod.*, 28th An. Meet., pp. 170-76. (2500)

With W. P. Garrigus:

The effect of grinding on the digestibility of corn by pigs and on its content of metabolizable energy. *J. Agr. Res.*, 50:731-35. (1500)

With T. S. Hamilton:

A modification of the Sherman method of studying the multiple nature of vitamins, with an application to vitamin G. *J. Nutr.*, 10:117-28. (3800)

The balancing of rations with respect to protein. *Proc. Amer. Soc. An. Prod.*, 28th An. Meet., pp. 241-52. (4500)

With W. E. Watkins:

The phosphorus requirements of growing chickens, with a demonstration of the value of controlled feeding. *Poultry Sci.*, 15:32-41. (3600)

With Robert Graham and Viola Michael:

Avitaminosis in animals. *Ill. Agr. Exp. Sta. Circ.*, 449:3-15. (4000)

With Wise Burroughs and J. R. Beadles:

The significance and accuracy of biological values of proteins computed from nitrogen metabolism data. *J. Nutr.*, 11:257-74. (7200)

With B. W. Fairbanks:

The nutritive value of skim milk powders with special reference to the sensitivity of milk proteins to heat. *J. Agr. Res.*, 51:1107-21. (9000)

MIZELLE, JOHN DARY, Ph.D.

Assistant in Zoology

ARTICLES:

Destruction of bird life by hail. *Trans. Ill. Acad. Sci.*, 28:2.

Muskrat habitations of Marsh Island, La. *Amer. Midland Nat.*, 17:3.

MONROE, WALTER SCOTT, Ph.D.

Professor of Education and Director of the Bureau of Educational Research

REVIEWS:

Testing and the uses of test results, by E. A. Lincoln and L. L. Workman. *J. Educ. Res.*, 29:549-50. (600)

MOORE, HERBERT FISHER, M.E., M.M.E.,
D.Sc.
Research Professor of Engineering Materials

BOOKS:

Textbook of the materials of engineering.
(5th ed.) McGraw-Hill Book Co., N.Y.,
1936. xiv + 420 pp.

ARTICLES:

Progress report of the joint investigation of
fissures in railroad rails. *Bul. Amer. Ry.
Eng. Assoc.*, 37:376:1-26. *Univ. of Ill.
Eng. Exp. Sta.*, Reprint 4. (11,000)

Effect of occasional overload on the strength
of metals. *Metals and Alloys*, 6:6:144. (800)

Correlation between metallography and me-
chanical testing. *Iron Age*, 137:9:26-29,
106. (3000)

MORA, JACOB MORTON, B.S., M.D.
Assistant Professor of Surgery

ARTICLES:

The hepatic lesion in thyrotoxicosis. *Ill.
Med. J.*, 68:282-86. (1500)

The effect of jaundice on intradermally
injected salt solution. *J. Lab. Clin. Med.*,
20:719-21. (600)

With D. A. Willis:

The relation of drainage to morbidity fol-
lowing operation for acute suppurative
appendicitis. *Amer. J. Surg.*, 27:480-83.
(800)

MOREY, LLOYD, A.B., B.Mus., C.P.A.,
LL.D.
Comptroller and Professor of Accountancy

ARTICLES:

College finance. *Educ. Rec.*, 17:1:106-19.
(3400)

Municipal accounting principles as recom-
mended by the national committee. *C.P.A.*,
16:2:72-77. (3600)

Financial reports. *Proc. 25th An. Meet.
Assoc. Coll. and Univ. Bus. Officers*, May,
1935, pp. 101-12. (4500)

Thirty-five editorials. *Educ. Bus. Man. and
Buyer*, May, 1935, to April, 1936.

Fitting the accounting system to the plan of
reporting recommended by the national
committee on standard reports. *Financial
Advisory Service of the American Council
on Education*, April, 1936. (3250)

With others:

Municipal accounting terminology. *Nat. Com.
on Munic. Acct. Bul.*

Accounts of governmental bodies. *Amer.
Instit. Account. Bul.*, 1935. (2800)

REVIEWS:

Finance, by Russell and Reeves. *J. Higher
Educ.*, May, 1936. (375)

MORROW, GLENN RAYMOND, Ph.D.
Professor of Philosophy

BOOKS:

Studies in the Platonic epistles. *Univ. of
Ill. Press*, Urbana, 1935. 234 pp.

REVIEWS:

Mind, self, and society from the standpoint
of a social behaviorist, by G. H. Mead.
Phil. Rev., 44:587-89. (1000)

MOSHER, MARTIN LUTHER, M.Agr.
Associate Professor of Farm Management
Extension

See H. C. M. Case.

MULLER, CORNELIUS HERMAN, A.M.
Assistant in Botany

ARTICLES:

With Mary T. Mueller:

A new *Houstonia* in southcentral Texas.
Bul. Torr. Bot. Club, 63:33-34. (500)

Some new and noteworthy trees in Texas
and Mexico. *Ibid.*, 63:147-55. (3200)

MURPHY, FRANK GEORGE, B.S., M.D.
Assistant Professor of Orthopaedics

ARTICLES:

Some rheumatic conditions and their rela-
tionship to dental affections. *Ill. Dent. J.*,
4:8:293-97. (3000)

Mal-union of Colles' fracture and its surgical
correction. *Ill. Med. J.*, 69:1:72-75. (2500)

Poise, pose, and posture—their acquirement
and preservation. *Hygeia*, 14:6:512-13.
(2000)

NEDZEL, ALEXANDER JOHN, M.D., M.S.
Associate Professor of Bacteriology and
Public Health

ARTICLES:

Influence of diet upon the toxicity of ethyl-
hydrocupreine hydrochloride. *J. Lab. Clin.
Med.*, 20:944. (500)

Exposure to cold, as a factor in etiology of
lobar pneumonia. *Ill. Med. J.*, 68:340.
(3400)

Pressor reactions and bacterial localization
in central nervous system. *Proc. Soc.
Exp. Biol. Med.*, 34:239. (700)

Pressor reactions and gastric ulcer. *Ibid.*,
34:150. (300)

With G. H. Gowen:

Effectiveness of the oral administration of
ephedrine in the common cold. (Abstract).
Ill. Med. J., 69:315. (400)

NEILD, HAROLD WALLACE, M.S.
Assistant in Physiology

ARTICLES:

The effect of various pH on water absorp-
tion and elimination of frogs during ether
anesthesia. *Anesthesia and Analgesia*, 14:
169-71. (2200)

With A. F. Seritellie:

Water absorption and elimination of frogs
during ether, nitrous oxide, chloroform,
and ethylene anesthesia. *Ber. über d.
gesamte Physiol. u. exp. Pharm.*, 81:364.
(100)

See also W. E. Burge.

NEVENS, WILLIAM BARBOUR, Ph.D.
Professor of Dairy Cattle Feeding

ARTICLES:

Lespedeza hay for dairy cattle. *J. Dairy Sci.*,
18:9:593-98.

Feeding the dairy herd. *Ill. Agr. Exp. Sta.
Circ.*, 440:1-52.

With A. F. Kuhlman:

A method of harvesting samples of pasture
forage. *J. Dairy Sci.*, 28:12:793-94.

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ARTICLES:

Architecture. *World Book Encyc. An.*, 1935,
pp. 17-20. (1150)

Articles (continued)

The interrelationship of the arts—fine and industrial: their place in the modern curriculum. *Ind. Educ. Mag.*, 27:4:169-77. (4900)

NEWMARK, NATHAN MORTIMORE, Ph.D.
Research Associate in Civil Engineering

ARTICLES:

A half century of progress in foundation theory. *Ill. Soc. Eng. Golden Jubilee Souvenir Program*, pp. 144-52. (5000)

Simplified computation of vertical pressures in elastic foundations. *Ill. Eng. Exp. Sta. Circ.*, 24. 19 pp.

With R. E. Copeland:

Structural and economic studies of monolithic concrete walls for dwellings. *J. Amer. Concr. Instit.*, 6:5:478-98. (6000)

See also F. E. Richart.

REVIEWS:

Analysis of multiple arches, by Alexander Hrennikoff. *Proc. A. S. C. E.*, 61:5:724-26. (1200)

Distribution of stresses under a foundation, by A. E. Cummings. *Ibid.*, 62:1:156-58. (750)

The relation of analysis to structural design, by Hardy Cross. *Ibid.*, 62:4:536-41. (3000)

NICHOLSON, DOUGLAS G., Ph.D.
Instructor in Chemistry

See J. H. Reedy.

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Assistant Professor of Home Management
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ARTICLES:

Vocational education adds security. *Agr. Educ.*, 8:10:148-49. (2000)

A program of adult education. *Ibid.*, 7:12:181-84. (700)

NOYES, WILLIAM ALBERT, Ph.D., LL.D., Chem.D., D.Sc.
Professor of Chemistry, Emeritus

ARTICLES:

Electronic theories. *Chem. Rev.*, 17:1:26. (11,200)

Science in place of war. *Johns Hopkins Alumni Mag.*, 23:348-52. (2000)

Some effects of German rearmament. *World Affairs Interpreter*, June, 1935, pp. 118-24. (1500)

The way forward in chemistry (Priestley medal address). *Science*, 82:352-67. (3800)

International backgrounds. *World Affairs Interpreter*, Jan., 1936. (3800)

REVIEWS:

Electronic theories, by R. F. Hunter. *J. Chem. Educ.*, 16:299. (600)

Die homöopolare bindung, by G. Hahn. *J.A.C.S.*, 57:965. (500)

O'CONOR, VINCENT JOHN, B.S., M.D.
Associate Professor of Urology

ARTICLES:

Therapeutic value of prostatic massage. *Med. Clin. N. Amer.*, Jan., 1936, pp. 19-75.

Resection of large solitary renal cysts: (description of a satisfactory technique).

Articles (continued)

Trans. Amer. Assoc. Genito-Urinary Surg., 1935. pp. 83-91.

Infections of the urinary tract. Chapter in *Surgery*, by Christopher.

OLDBERG, ERIC, M.D., Ph.D.
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ARTICLES:

Extrapyramidal tract section. *Yale J. Biol. Med.*, 7:580.

The neurosurgical considerations of fracture of the spine. *Surg. Clin. N. Amer.*, Feb., 1936, pp. 291-302.

REVIEWS:

Practical neurological diagnosis with special reference to the problems of neurosurgery, by R. G. Spurling. *Arch. Neurol. Psychiat.*, Nov., 1935, p. 929.

OLDFATHER, WILLIAM ABBOTT, Ph.D., LL.D.
Professor of the Classics and Chairman of the Department

ARTICLES:

Report of committee on materials for research. *Amer. Philol. Assoc.*, 65:xxi-xxiv. (2000)

Resolution for the Classical Association of the Middle West and South on the death of Paul Shorey. *Class. J.*, 31:1:2-4. (500)

Telephanes. *Realencyclopädie*, Supplbd. 6.

Locrian antiquities. *Ibid.*, 6Al. (2500)

Excidium Troie. *Speculum*, 11:2:272-77. (3000)

REVIEWS:

Clemens Alexandrinus: Register, by O. Stählin. *Amer. J. Philol.*, 57:102-03. (500)

Thesaurus Linguae Latinae Epigraphicae, by L. F. Smith, J. H. McLean, and C. W. Keyes. *Ibid.*, 57:2:213-17. (2200)

ORTH, OSWALD SIDNEY, M.S.

Assistant in Physiology

See W. E. Burge and W. P. Elhardt.

PAINE, ELLERY BURTON, M.S., E.E.
Professor of Electrical Engineering and Head of the Department

ARTICLES:

With J. T. Tykociner and R. E. Tarpley:

Oscillations due to corona discharges on wires subjected to alternating potentials. *Ill. Eng. Exp. Sta. Bul.*, 278.

PARMELEE, CULLEN WARNER, M.S.
Professor of Ceramic Engineering and Head of the Department

BOOKS:

Clays and some other ceramic materials. Edwards Brothers, Ann Arbor, Mich., 1936. 132 pp.

ARTICLES:

Novaculite as a refractory material. *Brick and Clay Rec.*, 86:6:205-10. (2540)

With K. C. Lyon:

Use of magnesium aluminate (spinel) material for glass melting containers. *J. Amer. Cer. Soc.*, 18:1:338-40. (800)

With J. O. Kraehenbuehl:

Mechanical electrical stress studies of porcelain insulator bodies. *Ill. Eng. Exp. Sta. Bul.*, 273. 72 pp.

PARMEELE, C. W.—Articles (continued)

With W. B. Silverman:

The effect of alumina on the melting rate of a soda-lime-magnesia-silica glass. *Glass Ind.*, Apr., 1936. (2000)

With A. E. Badger:

Effect of alumina on the softening temperature and viscosity of glass. *Ibid.*, March, 1936. (2000)

A survey of insulation practice. *Ibid.*, 16:9: 274-77. (3500)

The use of cullet in glassmaking. Univ. of Ill., Dept. Cer. Eng., 1935. (900)

PARRY, JOHN JAY, Ph.D.

Associate Professor of English

ARTICLES:

With Margaret Schlauch:

Arthurian bibliography for 1935. (Mimeo.) 13 pp.

PAUL, HARRY GILBERT, Ph.D.

Professor of English

BOOKS:

Tennyson's *The Princess* (rev. ed.). Lyons and Carnahan, Chicago, 1935. xx + 120 pp.

ARTICLES:

The teaching of reading. *Engl. J.*, 25:234. (500)

PEASE, THEODORE CALVIN, Ph.D.

Professor of History

ARTICLES:

Otto Leopold Schmidt: 1863-1935. *J. Ill. Hist. Soc.*, 21:4:225-36. (3800)

REVIEWS:

Englische Geschichte im achtzehnten Jahrhundert, von Wolfgang Michael. *Amer. Hist. Rev.*, 40:4:732-33. (730)

Lincoln's New Salem, by B. P. Thomas. *Miss. Vall. Hist. Rev.*, 22:1:103-04. (100)

Sources of culture in the middle west: backgrounds versus frontier, edited by D. R. Fox. *Ibid.*, 22:1:117-18. (390)

The territorial papers of the United States, by C. E. Carter. *Ibid.*, 22:2:290-92. (840)

Frontier Ohio, 1788-1803, by R. C. Downes. *Ibid.*, 22:3:443-44. (430)

Jubilee: a pioneer college, by R. L. Shively. *Ibid.*, 22:4:575. (160)

PELUSE, SAMUEL, B.S., M.D.

Instructor in Medicine

ARTICLES:

Cincofen poisoning, with autopsy. Report of a case due to cinsa-vess. *J.A.M.A.*, 105:1032-33.

Correspondence department of the J.A.M.A. *Ibid.*, 105:2091.

PETERSEN, WILLIAM F., B.S., M.D.

Professor of Pathology

BOOKS:

The patient and the weather. Vol. I, pt. 1, The footprint of Asclepius. Edwards Bros., Ann Arbor, Mich., 1935. 200 pp.

The patient and the weather. Vol. I, pt. 2, Autonomic integration. Edwards Bros., Ann Arbor, Mich., 1936. 900 pp.

ARTICLES:

With Florence Benell:

Eine Studie über die meteorologischen Beziehungen des Auftretens von Polio-

Articles (continued)

meyelitis in Staate New York. *Bioklimatische Beiblätter*, 4:160-66. (1500)

PHIPPS, THOMAS ERWIN, Ph.D.

Associate Professor of Chemistry

ARTICLES:

With M. J. Copley:

The surface ionization of potassium on tungsten. *Phys. Rev.*, 48:960-68. (6000)

Surface ionization of potassium iodide on tungsten. *J. Chem. Phys.*, 3:594. (400)

With M. J. Copley, O. C. Simpson, and H. M. Tenney:

A study of the speed of divergent nozzle pumps. *Rev. Sci. Instr.*, 6:265-67. (1200)

With M. J. Copley and Julian Glasser:

An ionization gauge for the detection of molecular rays. *Ibid.*, 6:371. (500)

With M. L. Speelman and T. G. Cooke:

Experiment in chemical equilibrium for students of physical chemistry. *J. Chem. Educ.*, 12:318-21. (2500)

A glass manometer for laboratory use by students in physical chemistry. *Ibid.*, 12:321-23. (1500)

PICKENS, LOUISE MILLIKEN, M.S.

Associate in Home Economics

See Sybil Woodruff.

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Professor of Crop Production

ARTICLES:

The place of lespedeza in Illinois agriculture. *Ill. Farm. Instit. Rpt. Feb.*, 1935, pp. 5-21. (8000)

With O. H. Sears and F. C. Bauer:

Lepedeza in Illinois. *Ill. Agr. Exp. Sta. Bul.*, 416:301-47. (14,400)

With Robert Graham:

Plant poisoning of animals (rev. ed.). *Ill. Agr. Exp. Sta. Mimeo.* 55 pp.

PILOT, ISADORE, B.S., M.D.

Associate Professor of Pathology

ARTICLES:

Septic sorethroat. *Med. Clin. N. Amer.*, Jan., 1936, pp. 143-150. (5000)

See also D. J. Davis.

POGGI, EDITH MURIEL, Ph.D.

Associate in Geography

ARTICLES:

London and Paris: a comparison of their hinterlands. *Trans. Ill. Acad. Sci.*, 28. (1000)

REVIEWS:

Le Rhin: problemes d'histoire et d'economie, by Albert Demangeon and Lucien Febure. *Geog. Rev.*, 26:1. (800)

PONCHER, HENRY GEORGE, B.S., M.D.

Associate Professor of Pediatrics

ARTICLES:

Purpura as a symptom in pediatric practice. *J.A.M.A.*, 104:19. (3000)

With R. L. Jenkins:

Pathogenesis of Laurence-Biedl syndrome. *Amer. J. Dis. Child.*, 50:178-86. (3500)

REVIEWS:

A basis for the theory of medicine, by A. D. Speransky. *J.A.M.A.*, 106:12. (1000)

Spleen and resistance, by David Perla and Jessie Marmorston. *Ibid.*, 106:12. (1000)

PORTER, FRANCIS MARION, M.S.
Assistant Professor of General Engineering
Drawing

Books:

With J. T. Lendrum:

Architectural projections. John S. Swift
Co., St. Louis, 1935. 104 pp.

PORTIS, BERNARD, M.D., Ph.D.
Assistant Professor of Surgery

ARTICLES:

Prophylaxis and treatment of postoperative
thrombosis. *Surg. Clin. N. Amer.*, Feb.,
1936.

POTTHOFF, EDWARD FREDERICK, Ph.D.
Assistant Professor of Education

Books:

See C. R. Griffith.

ARTICLES:

Teaching combinations: reductio ad ab-
surdum. *Sch. Rev.*, 43:417-27. (3800)

What combinations of subjects constitute the
teaching load of secondary school teachers.
North Central Assoc. Q., 10:237-44. (3000)

REVIEWS:

Introduction to the study of American edu-
cation, by L. W. Wilson and I. L. Kandel.
Elem. Sch. J., 35:793-95. (600)

The psychology of learning, by E. R.
Guthrie. *Ibid.*, 36:232-33. (550)

Educational psychology, by A. C. Eurich and
H. A. Carroll. *Sch. Rev.*, 43:793-95. (700)

The influence upon learning of the quanti-
tative variation of after-effects, by R. T.
Rock. *Ibid.*, 36:629-31. (750)

PRUCHA, MARTIN JOHN, Ph.D.
Professor of Dairy Bacteriology

ARTICLES:

Improving cream for buttermaking—care of
the cream on the farm. *Dairy Mfrs. Conf.
Man.*, 1936, pp. 188-92. (1700)

Certain problems related to the production
of sanitary ice cream. *Ibid.*, pp. 125-29.
(1600)

Chemical sterilizers. *Ibid.*, pp. 47-55. (1800)

With J. M. Brannon:

Studies in milk pasteurization. *Trans. Ill.
Acad. Sci.*, 28:2.

With P. H. Tracy:

Are flavoring and coloring sources of bac-
teria in ice cream? *Ice Cream Trade J.*,
32:1:17-18. (2400)

PUSEY, WILLIAM ALLEN, A.M., M.D.
Professor of Dermatology, Emeritus
See Herbert Rattner.

PUTNAM, WILLIAM JAMES, M.S., M.E.
Professor of Theoretical and Applied Me-
chanics

ARTICLES:

With F. B. Seely:

Structural beams in torsion. *Proc. A.S.C.E.*,
62:2:953-58. (2000)

QUIRKE, TERENCE THOMAS, E.M., Ph.D.
Professor of Geology

ARTICLES:

Origin of watercourses near French River,
Ontario. *Bul. Geol. Soc. Amer.*, 47:267-88.
(9000)

Articles (continued)

With D. W. Pearce and B. S. Hopkins:

Chemical stability of the terminal faces of
acicular crystals. *Amer. J. Sci.*, 30:116-20.
(2000)

RALL, RICHARD REDNER, B.S., M.D.
Assistant in Surgery

ARTICLES:

With H. E. Landes:

Congenital valvular obstruction of the pos-
terior urethra. *J. Urol.*, 34:3:254-67.
(5000)

RANDALL, JAMES G., Ph.D.
Professor of History

ARTICLES:

Has the Lincoln theme been exhausted?
Amer. Hist. Rev., 41:270-94. (12,500)

James Washington Singleton. *Dict. Amer.
Biog.*, 17:191. (650)

John Todd Stuart. *Ibid.*, 18:173-74. (700)

REVIEWS:

The Lincoln legend: a study in changing
conceptions, by Roy P. Basler. *J. South-
ern Hist.*, 2:118-19. (500)

RATTNER, HERBERT, M.D.
Associate in Dermatology

ARTICLES:

Burning tongue. *Arch. Derm. Syph.*, 31:
701-02. (200)

Pellagra following reaction from the Ro-
entgen rays. *Ibid.*, 32:107. (200)

Dermatitis of the penis from rubber.
J.A.M.A., 105:1189. (500)

With W. A. Pusey:

Use of adrenal substance in cases of der-
matoses which may have a menstrual fac-
tor. *Arch. Derm. Syph.*, 31:865-66. (550)

RAYNER, WILLIAM HORACE, C.E., M.S.
Assistant Professor of Civil Engineering

ARTICLES:

Adjustment of a level net. *Proc. A.S.C.E.*,
61:6:926-27. (500)

REED, CARLOS ISAAC, Ph.D.

Associate Professor of Physiology in the
College of Medicine

ARTICLES:

With I. Dreyer:

The treatment of arthritis with massive
doses of vitamin D. *Arch. Phys. Ther.*,
16:537-40. (2600)

See also Albert Bachem.

REVIEWS:

The parathyroids in health and in disease,
by D. H. Shelling. *J.A.M.A.*, 106:734-35.
Endocrinology, 20:236. (350)

Repos physiologique du ponmon par hypo-
tension dans le traitement de la tubercu-
lose pulmonaire: observations clinique et
physiologique, par F. Parodi. *Ibid.*, 105:
225. (250)

REED, JOHN CLIFFORD, M.S., M.E.
Associate in Mechanical Engineering

ARTICLES:

With E. E. Ambrosius:

Flow of water in piping studied with movie
camera. *Amer. Soc. Heat. Vent. Eng. J.*,
7:12:578-81. (2000)

REEDY, JOHN HENRY, Ph.D.
Associate Professor of Chemistry

ARTICLES:

Micro methods in qualitative analysis (Abstract). *Trans. Ill. Acad. Sci.*, 28:2:131-32. (250)

With H. E. Phipps:

Observation on polymorphism. *J. Phys. Chem.*, 40:1:89-100. (6000)

With D. G. Nicholson:

Explosive reaction of bismuth with perchloric acid. *J.A.C.S.*, 57:817-18. (1250)

REYNOLDS, DEXTER HAROLD, M.S.

Assistant in Chemistry

See G. L. Clark.

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Instructor in Psychiatry

ARTICLES:

The bromide permeability test in schizophrenia. *J. Nerv. Ment. Dis.*, 82:2.

RICHART, FRANK ERWIN, M.S., C.E.

Research Professor of Engineering Materials

ARTICLES:

A study of the economics of high strength concrete in building constructions. *J. Amer. Concr. Inst.*, 7:4:459-72. (5000)

Section on reinforced concrete columns, building regulations for reinforced concrete. *Ibid.*, 7:4:436-42. (2500)

With N. M. Neumark:

The strength of monolithic concrete walls. *Ill. Eng. Exp. Sta. Bul.*, 277 34 pp. (12,000)

REVIEWS:

Concrete beam and cylinder strength. *Eng. News-Rec.*, 115:21:722-23. (600)

RINAKER, CLARISSA, Ph.D.

Assistant Professor of English

ARTICLES:

A psychoanalytical note on Jane Austen. *Psychoanal. Q.*, 5:1:108-15. (2700)

RISER, ROY OTIS, B.S., M.D.

Instructor in Ophthalmology

ARTICLES:

Dacryostenosis in children. *Amer. J. Ophthal.*, 18:12:1116-22. (4500)

ROBERTS, ELMER, Ph.D.

Professor of Animal Genetics

ARTICLES:

The effect of heredity on human enamel. *J. Dent. Res.*, 15:221. (225)

With L. E. Card:

Inheritance of resistance to bacterial infection in animals. A genetic study of pul-lorum disease. *Ill. Agr. Exp. Sta. Bul.*, 419:465-93. (12,000)

ROBERTSON, CARITA, A.M.

Assistant Professor of Physical Education for Women

REVIEWS:

Team sports for women, by Alice Frymir and Marjorie Hillas. *Amer. Phys. Educ. Assoc. Res. Q.*, 7:1:176. (350)

RODEBUSH, WORTH HUFF, Ph.D.

Professor of Physical Chemistry

ARTICLES:

The reaction between nitric oxide and atomic oxygen. *Chem. Rev.*, 17:409-12. (900)

Articles (continued)

With M. L. Speakman:

Recombination of hydrogen atoms in the presence of hydrogen chloride. *J.A.C.S.*, 57:1040-43. (2500)

Reaction of some oxides of nitrogen with oxygen and nitrogen. *Ibid.*, 57:1474-76. (2000)

The action of hydrogen bromide on the nitrogen afterglow. *Ibid.*, 57:1881-82. (1000)

With T. G. Cooke:

Conductance of salt crystals. *J. Chem. Phys.*, 3:834. (250)

RODKEY, FREDERICK STANLEY, Ph.D.

Associate Professor of History

REVIEWS:

International economics and diplomacy in the Near East—a study of British commercial policy in the Levant, 1834-53, by V. J. Puryear. *J. Mod. Hist.*, 8:1:112. (500)

ROSE, WILLIAM CUMMING, Ph.D.

Professor of Biochemistry

ARTICLES:

The metabolism of creatine and creatinine. *Am. Rev. Biochem.*, 4:243-62. (7500)

The significance of the amino acids in nutrition. *Harvey Lectures*, 30:49-65. (6300)

With R. H. McCoy, C. E. Meyer, H. E. Carter, Madelyn Womack, and E. T. Mertz:

Isolation of the "unknown essential" present in proteins. (A preliminary report.) *J. Biol. Chem.*, 109:77. (350)

With Madelyn Womack:

Feeding experiments with mixtures of highly purified amino acids. VII. The dual nature of the "unknown growth essential." *Ibid.*, 112:275-82. (3000)

With R. H. McCoy and C. E. Meyer:

Feeding experiments with mixtures of highly purified amino acids. VIII. Isolation and identification of a new essential amino acid. *Ibid.*, 112:283-302. (7000)

ROSENBLUM, PHILIP, M.D.

Assistant Professor of Pediatrics

See S. A. Levinson.

ROSENTHAL, SOL ROY, M.D., Ph.D.

Associate in Bacteriology and Public Health

ARTICLES:

The bacillus of Calmette and Guérin in the immunization against tuberculosis. *Ill. Med. J.*, March, 1936. 13 pp. (2500)

ROY, MAX FERDINAND, A.M.

Assistant in Chemistry

See C. S. Marvel.

RUBERG, LEONE ANNE, A.M.

Assistant in Chemistry

See R. L. Shriner.

RUBERT, SAMUEL R., B.S., M.D.

Instructor in Roentgenology

See Adolph Hartung.

RUCH, FLOYD L., Ph.D.

Assistant Professor of Psychology

ARTICLES:

Experiments with maze patterns. *J. Comp. Psych.*, 20:21-34.

RUCH, FLOYD L.—Articles (continued)

- Generalized turning habits. *Ibid.*, 20:35-52.
Is there an anticipatory tendency on maze learning? *Ibid.*, 20:113-24.
The method of common points of mastery as a technique in human learning experimentation. *Psych. Rev.*, 43:229-34.

RUEHE, HARRISON AUGUST, Ph.D.

Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

- Ropy milk. *Dairyman*, 1:4. (900)
What I would do if I were a freshman. *Ill. Agr.*, Sept., 1935. (300)
A study of the quality of raw milk sold in unsupervised territory in Illinois. *Proc. 28th An. Conv. Internat. Assoc. Milk Dealers*, Oct., 1935. (1000)
Viewpoints from dairy industry on Bang's disease control. *16th An. Vet. Conf.*, Nov. 7, 1935. (1200)
Disturbing competitive forces within the dairy industry. *Dairy Mfrs. Conf. Man.*, 1936. (2250)
Butter sweet and sour tests for butterfat. *Milk Plant Mo.*, 24:5. (1800)
Making cultured buttermilk. *Ibid.*, 24:5. (1000)
Bottling and sealing cream. *Ibid.*, 24:6. (300)
Jewish sour cream and sweet butter. *Ibid.*, 24:6. (450)
Flavor of butter and buttermilk. *Ibid.*, 24:6. (550)
Errors in Babcock test readings. *Ibid.*, 24:6. (180)
Ice cream mix without homogenizer. *Ibid.*, 24:6. (325)
Making buttermilk without culture. *Ibid.*, 24:7. (325)
Tinning dairy equipment. *Ibid.*, 24:7. (300)
To avoid agitating milk. *Ibid.*, 24:7. (225)
Cream feathering. *Ibid.*, 24:8. (350)
Feeding soybeans. *Ibid.*, 24:8. (100)
Potato flavor. *Ibid.*, 24:8. (300)
Etching of bottles by washing solutions. *Ibid.*, 24:9. (550)
Fatty acids in milk and butter. *Ibid.*, 24:10. (325)
To avoid weed flavor in milk. *Ibid.*, 24:10. (100)
Factors in homogenizing process. *Ibid.*, 24:10. (400)
Causes of low milk production. *Ibid.*, 24:11. (400)
Poison from frozen roughage. *Ibid.*, 24:11. (350)
Water-proof covering for wooden floors. *Ibid.*, 24:11. (450)
Repasteurizing homogenized milk two days old. *Ibid.*, 24:12. (100)
Correct way of testing caustic in washing solution. *Ibid.*, 24:12. (400)
Improving cream line of pasteurized milk. *Ibid.*, 24:12. (500)
Too much acid causes wheying off in buttermilk. *Ibid.*, 24:12. (225)
What causes bottles to get scratched. *Ibid.*, 24:12. (150)
Method of stabilizing sour cream. *Ibid.*, 25:1. (400)

Articles (continued)

- Relation of milk stone to thermophilic bacteria. *Ibid.*, 25:1. (1000)
Test for pasteurization of milk by the holding process. *Ibid.*, 25:2. (1040)
Bang bacillus can produce undulant fever in man. *Ibid.*, 25:2. (100)
How to handle starter for buttermilk culture. *Ibid.*, 25:3. (450)
To eradicate ropy milk sterilize all equipment thoroughly. *Ibid.*, 25:3. (250)
It is unlawful to color milk or cream. *Ibid.*, 25:3. (300)
Rapid test for fat in chocolate milk. *Ibid.*, 25:3. (350)
Procedure for preparing semi-solid buttermilk. *Ibid.*, 25:3. (300)
Feed value of whey, skim milk and buttermilk. *Ibid.*, 25:4. (550)
To prevent brown discoloration of sweetened condensed milk. *Ibid.*, 25:4. (200)
What is soft curd cheese and how is it tested. *Ibid.*, 25:4. (550)
Getting proper reading on acidity tests. *Ibid.*, 25:4. (400)

RUSK, HENRY PERLY, M.S.

Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

ARTICLES:

- Future of livestock farming. *Daily Pantagraph* (Bloomington, Ill.), April 11, 1936. (1200)

RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

ARTICLES:

- A research program for spray residues. *Proc. Conn. Pom. Soc.*, 38:140-51. *Proc. Amer. Pom. Soc.*, 1935, pp. 140-51. (7000)
The spray residue situation. *Trans. Ill. Hort. Soc.*, 69:174-85. (4200)
With H. W. Anderson and W. P. Flint:
The season of 1935. *Ibid.*, 69:44-52. (3000)
With D. S. Brown:
Brief summary of some of the more important new experiments. *Ibid.*, 69:186-88. (700)

SANFORD, CHARLES WILSON, Ph.D.

Assistant Professor of Education and Principal of University High School

ARTICLES:

- Grade placement and assignment of student teachers. *Supervisors of Student Teaching*, 16th Yearbook, pp. 71-84. (4500)

SARMA, P. JOSEPH, M.S.

Assistant Professor of Surgery

ARTICLES:

- Hypertonic solutions. *Surg. Clin. N. Amer.*, Feb., 1936.
Use of acacia solution in surgical cases. *Ibid.*

SAUNDERS, MRS. ALTA GWINN, A.M.

Associate Professor of Business English

ARTICLES:

- Say it with flowers in your letters to make them effective. *Florist's Rev.*, 76:1953:17-20; 1955:18-19; 1957:17-18. (8750)
Recent trends in collection letters. *Credit and Financial Man.*, 37:11:17-19. (3000)

SCHAAD, JOHN A., B.S.

Assistant in Chemistry

See G. L. Clark.

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Professor of Accountancy and Assistant
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BOOKS:

Advanced cost accounting (rev. ed.). Univ.
of Ill. Info. Office, Mimeo., 1936. 184 pp.

ARTICLES:

Distributing and controlling overhead. *Nat.
Assoc. Cost Acct. Bul.*, 17:5:235-46.
(3200)

SCHNEBLY, MERRILL ISAAC, A.B., J.D.,
J.S.D.

Professor of Law

ARTICLES:

Restraints upon the alienation of legal in-
terests: II. *Yale Law J.*, 44:1186-1215.
(18,750)

Restraints upon the alienation of legal in-
terests: III. *Ibid.*, 44:1380-1408. (18,000)

SCHROEDER, PAUL LOUIS, B.S., M.D.

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and Medical Jurisprudence, Head of the
Department, and Director of the Institute
for Juvenile Research

ARTICLES:

Criminal behavior in the later period of
life. *Amer. J. Psychiat.*, 92:4:915-24.

SCHUBERT, CARL EDWARD, B.S.

Associate in Mechanical Engineering

See C. H. Casberg.

SCHWALBE, WILLIAM LOUIS, M.S.

Assistant Professor of Theoretical and Ap-
plied Mechanics

ARTICLES:

Über den Schubmittelpunkt in einem durch
eine Einzellast gebogenen Balken. *Zeits.
angew. Math. und Mech.*, 15:138-43.
(3600)

SCIARRETTA, SYLVIO AMEDEO, B.S.,
M.D.

Instructor in Laryngology, Rhinology, and
Otology

REVIEWS:

Works appearing in Italian journals. *Ann.
Otol., Rhin., Laryng.*, *passim*.

SCUDERI, CARLO SALVADORE, B.S.,
M.D.

Associate in Surgery

ARTICLES:

With W. R. Cubbins and J. J. Callahan:

The causes of non-union: bone growth and
regeneration. *Surg. Gyn. Obstet.*, 62:2A:
427-33. (5000)

With F. J. Jirka:

Fat embolism. A control study of blood
serum and urine. *J. Lab. Clin. Med.*, 20:
9:945-47. (1000)

SEARS, OGLE HESSE, Ph.D.

Associate Professor of Soil Biology

See J. J. Pieper and F. C. Bauer.

SECORD, ARTHUR WELLESLEY, Ph.D.

Associate Professor of English

ARTICLES:

Gulliver and Dampier. *Mod. Lang. Notes*,
51:159. (400)

SEELY, FRED B., M.S.

Professor of Theoretical and Applied Me-
chanics and Head of the Department

ARTICLES:

With T. J. Dolan:

Stress concentration at fillets, holes, and
keyways as found by the plaster-model
method. *Ill. Eng. Exp. Sta. Bul.*, 276.
(10,000)

See also W. J. Putnam.

SENEAR, FRANCIS EUGENE, B.S., M.D.

Professor of Dermatology and Head of the
Department

ARTICLES:

Evaluation of serodiagnostic tests for syph-
ilis. *So. Med. J.*, 29:1:68-74. (1800)

With M. R. Caro:

Histiocytoma cutis. *Arch. Derm. Syph.*, 33:
209-26. (6600)

SEVERNS, WILLIAM H., M.S.

Professor of Mechanical Engineering

ARTICLES:

Boiler test calculations. *Coal-Heat*, 28:1:58-
62. (2500)

SEYBOLT, ROBERT FRANCIS, Ph.D.

Professor of the History of Education

BOOKS:

The private schools of colonial Boston.
Harvard Univ. Press, Cambridge, Mass.,
1935. x+106 pp.

ARTICLES:

William Russell. *Dict. Amer. Biog.*, 16:249-
50.

Edward Austin Sheldon. *Ibid.*, 17:63-64.

William Everts Sheldon. *Ibid.*, 17:66-67.

Thomas Sherwin. *Ibid.*, 17:98-99.

William Wallace Stetson. *Ibid.*, 17:599-600.

Gideon French Thayer. *Ibid.*, 18:404-05.

Elisha Ticknor. *Ibid.*, 18:524-25.

Arnold Tompkins. *Ibid.*, 18:580-81.

The private schools of seventeenth century
Boston. *New England Q.*, 8:418-24.

Student libraries at Harvard, 1763-1764.
Pub. Colonial Soc. Mass., 28:449-61.

SHAPIRO, LOUIS BERNARD, B.S., M.D.

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ARTICLES:

Suicide: psychology and familial tendency.
J. Nerv. Ment. Dis., 81:547-53. *Elgin
Papers*, 2:78-84.

Effect of sodium amylal on oxygen consump-
tion rate in the psychoses. *Ibid.*, 2:132-35.

With Rowena M. Hayes:

Evaluation, heredity, personality traits, etc.,
in the psychoses. *Ibid.*, 2:179-83.

With C. F. Read:

Treatment of dementia praecox with sulphur-
in-oil. *Ibid.*, 2:194-202.

SHAWL, RAY IRIS, M.S.

Assistant Professor of Agricultural Engi-
neering

ARTICLES:

Preliminary report on the field use of a two-
prow general purpose tractor whose engine
had been changed over to high compres-
sion. *Univ. of Ill., Dept. of Agr. Eng.*,
Mimeo. (1800)

Articles (continued)

With Thayer Cleaver:
Better plowing. *Ill. Agr. Exp. Sta. Circ.*,
450:1-40. (9000)

SHAY, MARY LUCILLE, Ph.D.

Associate in History

REVIEWS:

The legal position of the Holy See before and after the Lateran agreements, by Mario Falco. Trans. from the French by A. H. Campbell. *Italica*, 12:3:190-91. (250)

The Prince, by Niccolò Machiavelli. Trans. by Luigi Ricci, revised by E. R. P. Vincent. *Ibid.*, 12:3:191. (175)

SHELFORD, VICTOR ERNEST, Ph.D.

Professor of Zoology

ARTICLES:

Life zones and modern ecology. *Problems of Ecology and Biocenology*, in Russian, pp. 3-10; in English, pp. 11-15. (4000)

Report of committee on preservation of natural conditions. *Ecology*, 17:3:12-18. (2500)

With Sig. Olson:

Sere, climax, and influent animals. *Ibid.*, 16:3:75-402. (13,000)

With A. O. Weese et al:

Some marine biotic communities. *Ecol. Mon.*, 5:250-354. (52,500)

REVIEWS:

Animal life in Palestine, by Bodenheimer. *Science*, 83:438. (400)

SHEPARD, FRANCIS PARKER, Ph.D.

Associate Professor of Geology

ARTICLES:

Submarine canyons off the American coasts. *Zeits. Geomorphol.*, 9:99-105. (2600)

Gravel cusps on the California coast related to tides. *Science*, 82:2124:251-53. (900)

Geological mapping of the ocean bottom. *Ibid.*, 82:2139:614-15. (1400)

With G. V. Cohee:

Continental shelf sediments off the Mid-Atlantic States. *Bul. Geol. Soc. Amer.*, 47:441-58. (8000)

With H. R. Wanless:

Permo-carboniferous coal series related to southern hemisphere glaciation. *Science*, 81:2108:521-22. (1200)

SHERMAN, MRS. IRENE CASE, Ph.D., M.D.

Instructor in Psychiatry

BOOKS:

With Mandel Sherman and C. D. Flory:

Infant behavior. *Comp. Psych. Monog.*, 12:4:59. Johns Hopkins Press, Baltimore, Md., 107 pp.

SHRINER, RALPH LLOYD, Ph.D.

Professor of Organic Chemistry

BOOKS:

With R. C. Fuson:

The systematic identification of organic compounds. John Wiley and Sons, N.Y., 1935. ix+195 pp.

ARTICLES:

With R. S. Schreiber:

Anomalous mutarotation of amine salts of d-camphor-10-sulfonic acid. Attempted resolution of tri-substituted nitrogen compounds. *J.A.C.S.*, 57:1306-11. (5000)

Articles (continued)

Anomalous mutarotation of salts of Reychler's acid. II. Ketimine from salts of d-camphor-10-sulfonic acid. *Ibid.*, 57:1445-47. (3000)

Anomalous mutarotation of salts of Reychler's acid. III. Reduction of ketimines of d-camphor-10-sulfonic acid. Formation of sultams. *Ibid.*, 57:1896-98. (2500)

With Leone A. Ruberg:

The local anesthetic action of dialkylaminoethoxyethyl p-aminobenzoates. *Ibid.*, 57:1581-83. (2000)

With J. T. Thurston:

Asymmetric syntheses. IV. The action of optically active nitrates on 2-bromofluorene. *Ibid.*, 57:2163-66. (3500)

With H. Sutherland:

Anomalous mutarotation of salts of Reychler's acid. IV. Comparison of 2-(N-phenylketimine)-d-camphane-10-sulfonic acid with d-camphor-10-sulfonanilide. *Ibid.*, 58:62-63. (1500)

REVIEWS:

A textbook of organic chemistry, historical, structural and economic, by John Read. *J. Chem. Educ.*, 13:97-98. (1000)

Organic chemistry, by H. J. Lucas. *Ibid.*, 13:198. (1200)

SHUMWAY, WALDO, Ph.D.

Professor of Zoology

BOOKS:

Introduction to vertebrate embryology (3d ed.) John Wiley and Sons, N.Y., 1935. xii+390 pp.

SIEBERT, FREDRICK SEATON, A.B., J.D.

Assistant Professor of Journalism

ARTICLES:

The 400th anniversary of the printing of the English Bible. *Ed. and Pub.*, 68:33:48. (3000)

The lost Revolutionary press. *Journ. Q.*, 13:2. (1500)

REVIEWS:

Life and times of Henry Crabb Robinson, by Edith J. Morley. *Ibid.*, 12:4:407-08.

Propaganda and the news, by Will Irwin. *Ibid.*, 13:1:103-06.

SIMER, PARKE HARVEY, Ph.D.

Assistant Professor of Anatomy

ARTICLES:

Omental lymphatics in man. *Anat. Rec.*, 63:3:253-62. (2500)

With R. L. Webb:

The behavior of lymph vessels in omental adhesions. *Ibid.*, (supplement) 64:4. (200)

SINGER, HARRY ALBERT, M.S., M.D.

Associate Professor of Medicine

ARTICLES:

The diagnosis of perforated peptic ulcer. I. Direct diagnosis. *Internat. Clin.*, 2:45:55-77. (10,000)

The diagnosis of perforated peptic ulcer. II. Differential diagnosis. *Ibid.*, 3:45:116-44. (12,500)

Pyrexia due to gastric carcinoma. *Proc. Instit. Med.*, 11:4:81-82. (175)

With H. A. Levy:

Relationship of Felty's and allied syndromes to sepsis lenta. *Arch. Int. Med.*, 57:576-600. (9000)

SINGER, HAROLD DOUGLAS, M.D.

Professor of Psychiatry, Head of the Department, and Director of the Psychiatric Institute

ARTICLES:

Research in psychiatry. *J.A.M.A.*, 104: 223-26.

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Special Research Assistant in Chemical Engineering

See N. W. Krase.

SLOAN, HUBERT JOHN, Ph.D.

Associate in Poultry Husbandry

ARTICLES:

The operative removal of the yolks from newly-hatched chicks. *Poultry Sci.*, 15: 23-27. (2200)

See also L. E. Card.

SMITH, GEORGE FREDERICK, Ph.D.

Associate Professor of Chemistry

BOOKS:

Mixed perchloric, sulfuric, and phosphoric acids and their applications in analysis. G. F. Smith Chemical Co., Columbus, Ohio, 1935. vii+70 pp.

ARTICLES:

Analytical chemistry. Chapter in *Annual Survey of American Chemistry*, Vol. IX. Chemical Catalogue Co., N.Y., 1935. (6000)

With V. R. Hardy:

Die Herstellung von wasserfreien Perchloraten des Magnesiums und der Erdalkalimetalle durch Reaktionen zwischen festen Stoffen. *Zeits. anorgan. und allgem. Chem.*, 223:1. (3000)

With E. G. Koch:

Darstellung und Eigenschaften der Perchloratamine der Erdalkalimetalle. *Ibid.*, 223:17. (2000)

With G. P. Smith:

The determination of chromium in stainless steel, using perchloric, phosphoric, and sulfuric acids. *Soc. Chem. Ind.*, 54:185T-89T. (2700)

With C. A. Getz:

Art of whipping cream acquires a scientific finesse. *Milk Dealer*, June, 1935. (1000)

With V. R. Sullivan:

Determination of chromium on chrome tanned leather. *J. Amer. Leather Chem. Assoc.*, 30:433-53. (3800)

Volumetric determination of iron in leather. *Ind. Eng. Chem.*, 7:301-05. (2500)

With L. D. McVickers and V. R. Sullivan:

Mixed perchloric and sulfuric acids. III. The determination of chromium in chromic oxide. *J. Soc. Chem. Ind.*, 54:369T-72T. (1800)

SMITH, JANICE M., M.S.

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See Sybil Woodruff.

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See M. B. Visscher.

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ARTICLES:

Present and potential land use in the Big Muddy basin. *I.E.R.C. Mimeo.*, Feb., 1935, pp. 41-47. (1000)

Erosion control in the Big Muddy basin. *Ibid.*, pp. 47a-47b. (500)

Soil identification problems. *Ill. Agr. Exp. Sta., Mimeo.*, May, 1935, pp. 42-47. (2500)

Land use in Kaskaskia valley. *Ill. Planning Com., Mimeo.*, 1936. (2600)

SNIDER, CLYDE FRANK, Ph.D.

Instructor in Political Science

ARTICLES:

How recent legislation affects county government in Indiana. *Nat. County Mag.*, 1: 4:16-17. (2200)

REVIEWS:

The laws of Indiana Territory, 1809-1816, edited by L. B. Ewbank and Dorothy L. Riker, with a foreword by Gov. P. V. McNutt. *Ind. Mag. Hist.*, 31:2:153-55. (750)

Expediting legislative procedure—research report of the Kansas legislative council, prepared under the supervision of F. H. Guild. *Ind. Univ. Alum. Q.*, 23:2:190-91. (500)

SOLOMON, ALFRED P., A.B., M.D.

Assistant Professor of Psychiatry

ARTICLES:

With T. L. Fentress:

Galvanic skin reflex and Danielopolu test in psychoneurotic patients. *Arch. Neurol. Psychiat.*, 35:4:770-75.

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See Ernst Gellhorn.

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BOOKS:

The surgical technic of abdominal operations. S. B. Debour Pub., Chicago, 1936. 736 pp.

STAFFORD, GEORGE THOMAS, M.S.

Associate Professor of Physical Education for Men

BOOKS:

Individual exercises. A. S. Barnes and Co., N.Y., 1935. 111 pp.

ARTICLES:

The recreational program in adapted activities for atypical individuals. *Proc. Coll. Phys. Educ. Assoc.*, pp. 46-53. (3500)

STAUFFER, RUSSELL SCOTT, Ph.D.

Associate in Soil Physics and Soil Survey

ARTICLES:

Influence of parent material on soil character in a humid, temperate climate. *J. Amer. Soc. Agron.*, 27:11:885-94.

STEGGERDA, FREDERIC RUSSELL, Ph.D.

Assistant Professor of Physiology

ARTICLES:

Observation of the variation in water content of the fecal material along the colon. *Amer. J. Physiol.*, 112:3:559-64. (1500)

Articles (continued)

With Mildred E. Jones:

Studies on water metabolism in normal and hypophysectomized frogs. *Ibid.*, 112:2: 397-400. (900)

Effects of light and dark environment on weight changes in normal and hypophysectomized frogs. *Proc. Soc. Exp. Biol. Med.*, 32:1369-71. (500)

STEIGMANN, FREDERICK, B.S., M.D.
Instructor in Medicine

ARTICLES:

Gastric secretion in biliary tract disease. *Ill. Med. J.*, 68:186. (2000)

STERRETT, ROBERT R., Ch.E., M.S.
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See G. L. Clark.

STEVENS, NEIL EVERETT, Ph.D.
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ARTICLES:

Second experimental forecast of the incidence of bacterial wilt of corn. *Plant Dis. Reporter*, 20:6:109-13.

Incidence of ear rots in the 1934 corn crop. *Ibid.*, 20:4:63-71.

Incidence of bacterial wilt of corn in the eastern United States. *Ibid.*, 19:18:286-88.

Notes on *zostera marina* in Upper Buzzards Bay, Massachusetts. *Ibid.*, 19:14:232-33.

Experimental forecast of the incidence of bacterial wilt of corn in 1935. *Ibid.*, 19: 6:69-70.

Incidence of ear rots in the 1916-1933 corn crops. *Ibid.*, 19:6:71-93.

With C. L. Shear:

Sphaeria zeae (*Diplodia zeae*) and confused species. *Mycologia*, 27:5:467-77.

STRAUB, FREDERICK GUY, M.S., Met. E.
Special Research Associate Professor of
Chemical Engineering

ARTICLES:

Purified steam economics. *Paper Ind.*, 17:8: 572-74. (2660)

Cause and prevention of turbine blade deposits. *Trans. A.S.M.E.*, 57:8:447-54. *Combustion*, 7:6:23-27. (8900)

Continuous production of distilled water free from carbon dioxide and ammonia. *Ind. Eng. Chem. (Anal. Ed.)*, 27:433. (900)

Analcite, preparation and solubility between 182° and 282° C. *Ibid.*, 28:113. (1000)

Removal of silica from solution at boiler temperatures. *Ibid.*, 28:36. *Brewers Tech. Rev.*, 11:4:125. (1000)

New laboratory data relative to embrittlement in steam boilers. *Power Plant Eng.*, 40:2:104-05. (1600)

Cause and prevention of steam turbine blade deposits. *Ill. Eng. Exp. Sta. Bul.*, 282.

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See Lloyd Arnold.

SUTTON, ARLE HERBERT, Ph.D.
Assistant Professor of Geology

Books:

Lithologic summary of the Paleozoic, Mesozoic, and Cenozoic formations of the United States. Univ. of Ill. Info. Office, Mimeo., Urbana, 1936. 110 pp.

Books (continued)

Common genera of fossil invertebrates. Univ. of Ill. Info. Office, Mimeo., Urbana, 1936. 40 pp.

ARTICLES:

Stratigraphy of the Silurian system of the upper Mississippi Valley. *Guide Book 9th An. Field Conf., Kans. Geol. Soc.*, 1935, pp. 268-80. (6500)

With Frances Harper:

Ostracodes of the Morrison formation from the Black Hills, South Dakota. *J. Paleontology*, 9:8:623-28. (3500)

SWANN, SHERLOCK, JR., Ph.D.
Research Assistant Professor of Chemical Engineering

ARTICLES:

With L. F. Deditius and W. A. Pyhrr:

Electrolytic reduction of ketones in glacial acetic acid. II. Reduction of aliphatic ketones to hydrocarbons. *Trans. Electrochem. Soc.*, 68:321-27. (1800)

With H. J. Read and F. C. Howard:

Electrolytic reductions of organic compounds at alloy cathodes. I. Reduction of aliphatic ketones to hydrocarbons at cadmium amalgams. *Ibid.*, 69, Preprint 24. (1400)

Electro-organic chemical preparations. *Ibid.*, 69, Preprint 36. (4500)

TAFT, DONALD REED, Ph.D.
Professor of Sociology

Books:

Human migration. Ronald Press Co., N.Y., 1936. 590 pp.

TAKATS, GEZA DE, M.D., M.Surg.
Associate Professor of Surgery

ARTICLES:

Surgery in diabetes. *J. Kan. Med. Soc.*, May, 1935. (5200)

Splanchnic nerve section in juvenile diabetes. II. Technic and post-operative management. *Ann. Surg.*, 102:22-29. (3250)

The present status of the surgery of the sympathetic nervous system. *Ill. Med. J.*, 68:512-15. (1000)

Gangrene. *Surg. Clin. N. Amer.*, 16:317-36. (6500)

The use of papaverine in acute arterial occlusions. *J.A.M.A.*, 106:1003-05. (2500)

Chapters on varicose veins, thrombosis and thrombophlebitis, and embolism, in *Text-book of Surgery*, by F. Christopher. W. B. Saunders and Co., Phila., 1936, pp. 168-87. (10,000)

With George Scupham:

Peripheral vascular diseases. *Arch. Int. Med.*, 56:530-662. (6600)

With S. R. Gifford:

Cervical sympathectomy in retinitis pigmentosa. *Arch. Ophth.*, 14:441-52. (5000)

TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.
Professor of Municipal and Sanitary Engineering, *Emcritus*

ARTICLES:

Report of special committee on stresses in track. *Proc. Amer. Ry. Eng. Assoc.*, 36: 243. (500)

Discussion on stresses in railroad track. *Ibid.*, 36:957-58. (800)

TALBOT, A. N.—Articles (*continued*)

Economic value of different sizes of rail. *Ibid.*, 36:963-64. (700)

Elevation of outer rail on curves. *Ibid.*, 36:969-74. (4000)

The early years of the American Society for Testing Materials. *Bul. Amer. Soc. Test. Mat.*, 78. (1100)

TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

ARTICLES:

Proper processes for home canners. *J. Amer. Diet. Assoc.*, 11:118-27. (4320)

Poisonous substances in food (discussion). *Amer. J. Pub. Health*, 26:385-86. (1340)

Public health significance of sewage sludge when used as a fertilizer. *Sewage Works J.*, 7:4:611-17. (2450)

With Viola Michael:

Microbiology of merchantable cream-style canned corn. *Foods Res.*, 1:99-112. (4800)

TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

ARTICLES:

Principles of intestinal surgery. *Ill. Med. J.*, Sept., 1935, pp. 219-30. (6000)

Tubal reimplantation. *Amer. J. Gyn. Obstet.*, July, 1935, pp. 1430-36. (4500)

Surgery of closed abdominal wounds. *Surg. Clin. N. Amer.*, Feb., 1936, pp. 81-92. (5000)

TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

BOOKS:

See B. L. Jefferson.

ARTICLES:

With C. F. Harrold, Helen C. White, and F. E. Faverty:

Victorian bibliography for 1934. *Mod. Philol.*, 32:4:397-430. (15,000)

TENNEY, HORACE MARION, M.S.

Assistant in Chemistry

ARTICLES:

With H. J. Long:

Some tests for metallic ions making use of organic dyes. *J. Chem. Educ.*, 13:2:82-83. (1000)

See also T. E. Phipps.

THOMAS, HENRY BASCOM, B.S., M.D.

Professor of Orthopaedics, Head of the Department, and Director of the Illinois Surgical Institute for Children

ARTICLES:

Some orthopaedic findings in ninety-eight cases of hemophilia. *J. Bone and Joint Surg.*, 18:1:140-47. (1500)

Angiomas of the skeletal muscle—combined operative and radiation therapy: two case reports. *Amer. J. Surg.*, 31:2:354-60. (2700)

Soutter's traction in unreduced fractures of the forearm and in old shoulder dislocations. *Surg. Clin. N. Amer.*, Feb., 1936. (1400)

Partial gigantism: overgrowth and asymmetry of bones and skeletal muscle. *Amer. J. Surg.*, 32:1:108-12, 168. (2700)

THORP, FRANK, JR., D.V.M., M.S.

Associate in Animal Pathology

See Robert Graham.

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

ARTICLES:

Sweet-curd cottage cheese. *Ill. Agr. Exp. Sta. Circ.*, 445:1-13. (3000)

The past, present, and future of homogenized milk. *Canadian Dairy and Ice Cream J.*, 14:5:25-32. (4800)

We are missing the mark in educating the consumer. *Milk Dealer*, 24:10:46. (645)

Certain problems related to the marketing of homogenized milk. *Proc. 28th An. Conv. Internat. Assoc. Milk Dealers*, pp. 39-66. (5270)

Certain problems related to the marketing of homogenized milk. *Milk Dealer*, 24:4:30-32. 25:5:60-68. (7000)

Why do they eat ice cream. *Ice Cream Trade J.*, 31:8:11-12. (1200)

Using corn sugar as an ingredient in the manufacture of ice cream. *Ibid.*, 32:2:30. (1200)

The use of stabilizing agents in manufacturing ice cream. *Ibid.*, 32:3:31-32. (1800)

Stabilizers as used in ice cream manufacture. *Confect. and Ice Cream World*, April 10, 1936, pp. 14-15. (900)

With S. L. Tuckey:

Analysis of data from the national butter scoring contest of 1934. *Amer. Cream. and Poultry Prod. Rev.*, 81:23:844-47. (3000)

See also M. J. Prucha.

TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, Emeritus

ARTICLES:

The pedicellate peppers of South America. *Proc. Amer. Phil. Soc.*, 75:691-716.

TRJITZINSKY, WALDEMAR JOSEPH, Ph.D.

Associate Professor of Mathematics

ARTICLES:

Theory of linear difference equations containing a parameter. *Annali di Matematica*, 4th s., 14:181-215. (20,000)

Theory of linear differential equations containing a parameter. *Acta Mathematica*, 67:1-50. (30,000)

TROTIER, ARNOLD HERMAN, A.M.

Catalog Librarian in the Library and Lecturer in the Library School

REVIEWS:

Cataloguing, a textbook for use in libraries, by H. A. Sharp, *Lib. J.*, 60:966. (500)

A system of bibliographic classification, by H. E. Bliss. *Ibid.*, 61:24-25. (1700)

TUCKEY, STEWART LAWRENCE, M.S.

Associate in Dairy Manufactures

ARTICLES:

Formation and control of milk stone. *Ice Cream Trade J.*, 32:2:16. *Amer. Butter and Poultry Prod. Rev.*, 81:21:766. (700)

See also P. H. Tracy and G. L. Clark.

TWOMEY, ARTHUR CORNELIUS, M.S.

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See E. B. Paine.

TYLOR, W. RUSSELL, Ph.D.
Assistant Professor of Sociology

ARTICLES:

Socio-economic aspects of territorial planning with special reference to the Mississippi Valley Plan. *Social Forces*, 14:2:193-200. (4300)

Changes inherent in our rural community life. *North Central Assoc. Q.*, 10:4:462-68. (3900)

ULLYOT, GLENN EDGAR, M.S.

Assistant in Chemistry
See R. C. Fuson.

VAN CLEAVE, HARLEY JONES, Ph.D.

Professor of Zoology

ARTICLES:

The larval stages of Acanthocephala. (Abstract). *J. Parasitol.*, 21:6:435-36.

A tentative survey of the classification of the Acanthocephala. *Multigraphed*.

Some interesting pre-Linnaean names. *Trans. Ill., Acad. Sci.*, 28:2:263-65.

The recognition of a new order in the Acanthocephala. *J. Parasitol.*, 22:2:202-06.

With Ray Chambers:

Studies on the life history of a snail of the genus *Lioplax*. *Amer. Midland Nat.*, 16:6:913-20.

VAN HORNE, JOHN, Ph.D.

Professor of Romance Languages

ARTICLES:

Editorial comment. *Italica*, 12:178-85, 209-14; 13:17-26. (13,000)

REVIEWS:

Epistolario di Giacomo Leopardi. *Italica*, 13:29-30. (600)

VESTAL, ARTHUR GIBSON, Ph.D.

Associate Professor of Botany

ARTICLES:

Fluctuations of vegetation-components during twenty-two years. (Abstract). *Bul. Ecol. Sco. Amer.*, 16:4:32. (140)

With Charlotte L. Grant:

Usefulness of different moisture properties of soils. (Abstract). *Ibid.*, 16:4:40. (150)

A new culture-method for studying soil-moisture influence. (Abstract). *Ibid.*, 16:4:41-42. (150)

VISSCHER, MAURICE B., Ph.D., M.D.

Professor of Physiology and Head of the Department in the College of Medicine

BOOKS:

With P. W. Smith:

Experimental physiology, with anatomical and mechanical illustrations and an appendix of technical data. Lea and Febiger, Phila., 1935. 191 pp.

ARTICLES:

Science and dictators. *New Humanist*, 8:5:159-64. (2150)

The medical profession and social security. *Illini Scope*, Feb., 1936, p. 3. (650)

Water purification as a public health problem in Chicago. Privately printed by the Pub. Health Com. of the City Club of Chicago. (4700)

With R. C. Ingraham:

Studies on the elimination of dyes in the gastric and pancreatic secretions, and in-

Articles (continued)

ferences thereof concerning the mechanisms of secretion of acid and base. *J. Gen. Physiol.*, 18:5:695-716. (7200)

The production of chloride-free solutions by the action of the intestinal epithelium. *Amer. J. Physiol.*, 114:3:676-80. (1800)

The influence of various poisons to the movement of chloride against concentration gradients from intestine to plasma. *Ibid.*, 114:3:681-87. (2200)

With H. C. Peters, C. E. Rea, and J. W. Grossman:

Influence of ethyl alcohol on energy metabolism of the mammalian heart. *Proc. Soc. Exp. Biol. Med.*, 34:61-64. (1000)

With H. C. Peters:

The energy metabolism of the heart in failure and the influence of drugs upon it. *Amer. Heart J.*, 11:3:273-91. (6700)

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Instructor in Roentgenology
See Adolph Hartung.

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ARTICLES:

With Aaron Arkin:

Primary carcinoma of the lung. A diagnostic study of 135 cases in four years. *J.A.M.A.*, 106:8:587-92. (6000)

WALLS, EDNA ELLIOTT, A.M.

Assistant Professor of Child Development and Parent Education

ARTICLES:

Use of reading materials in parent education. *Parent Educ. Mess.*, 4:4-6. (600)

WALTZ, WALDO E., A.M.

Assistant in Political Science

BOOKS:

The nationality of married women. Frank Frailey, Urbana, 1936. 25 pp.

ARTICLES:

Arizona's administrative government. *Ariz. Hist. Rev.*, 7:1:19-30. (4500)

WANLESS, HAROLD ROLLIN, Ph.D.

Assistant Professor of Geology
See F. P. Shepard.

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Professor of Zoology, Emeritus

ARTICLES:

The longevity of *Diphyllbothrium latum*. Parasites, transmetteurs, animaux venimeux. *Recueil des travaux dédié au 25-me anniversaire scientifique du Professeur Eugene Pavlosky*, pp. 288-94. Moscow, 1935. (4000)

Preliminary announcement of the Minneapolis meeting. *Science*, 81:2108:495-504. (7700)

The third Minneapolis meeting of the A.A.A.S. *Ibid.*, 82:2117:71-88. (15,600)

Preliminary announcement of the fourth St. Louis meeting. *Ibid.*, 82:2315:499-510. (9500)

The St. Louis meeting of the A.A.A.S. *Ibid.*, 83:2145:111-46. (32,400)

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Books:

Sound, an elementary textbook in the science of sound and the phenomena of hearing. John Wiley and Sons, N.Y., 1935. 219 pp.

ARTICLES:

Decibels and noise. *Sch. Sci. Math.*, 36:158-60. (1500)

REVIEWS:

The flute, by D. C. Miller, *J. Acous. Soc.*, 7:233-34. (1250)

Klänge und Geräusche, by F. Trendelenburg. *Ibid.*, 7:231. (350)

Sound, by E. G. Richardson. *Ibid.*, 7:71. (280)

Editorial reviews. *Ibid.*, 7: *passim*.

WEBB, RICHARD LOCKWOOD, Ph.D.
Assistant Professor of Anatomy

ARTICLES:

Numerical changes of mast cells within the dermis of the white rat. *Anat. Rec.*, 64:4. (250)

With P. H. Simer:

The behavior of lymph vessels in omental adhesions. *Ibid.*, 64:4. (200)

WEBER, OSCAR FRIEDOLIN, Ph.D.
Associate Professor of Education

ARTICLES:

The non-high school situation in Illinois. *Ill. Sch. Bd. Bul.*, 2:12-13.

See also T. E. Benner.

WEINARD, FREDERICK FRANCIS, Ph.D.
Associate Professor of Floricultural Physiology

ARTICLES:

Lawns and their care. Dept. of Hort., Mimeo. pamphlet (revised). (4000)

Figures on rose production. *Flor. Rev.*, 78: 2005:21. (800)

Available nutrients in lawn, garden, and greenhouse soils. *Proc. Amer. Soc. Hort. Sci.*, 33:654. (250)

WEINSTOCK, HARRY HERSCHEL, JR., M.S.
Assistant in Chemistry
See R. C. Fuson.

WEISSBERG, SAMUEL GEORGE, Ph.D.
Assistant in Physics and Psychology
See P. G. Kruger.

WELKER, WILLIAM HENRY, A.C., Ph.D.
Professor of Physiological Chemistry and Head of the Department

ARTICLES:

With L. Hektoen:

The specificity of the negative phase in precipitin production. *J. Infect. Dis.*, 57: 337-44. (2000)

WERNER, RAYMOND CLARENCE, Ph.D.
Assistant Professor of History

ARTICLES:

Joseph Galloway, politician and imperial statesman. *Univ. of Iowa Studies*, 10:60-72. (4600)

WESTERGAARD, HARALD MALCOLM, Ph.D., Dr.Eng., Dr.Tech., D.Sc.
Professor of Theoretical and Applied Mechanics

ARTICLES:

General solution of the problem of elastostatics of an n-dimensional homogeneous isotropic solid in an n-dimensional space. *Bul. Amer. Math. Soc.*, 41:10:695-99.

WHITLOCK, MARY CECILIA, A.M.
Assistant Professor of Home Economics

ARTICLES:

Shell prints. *School Arts*, 34:10:588-92. *The Guardian*, April, 1936. (1100)

Consumer problems. *West. Arts Assoc. Bul.*, Nov. 1, 1935. (1500)

WICKWIRE, GEORGE CHARLES, M.S.
Instructor in Physiology
See W. E. Burge.

WILEY, LLEWELLYN NOEL, M.S.
Assistant in Psychology

ARTICLES:

With O. C. Trimble:

The ordinary objective test as a possible criterion of certain personality traits. *Sch. and Soc.*, 43:1109:446-48. (1600)

WILL, SAMUEL FREDERIC, Ph.D.
Assistant Professor of Romance Languages

ARTICLES:

An unpublished letter of Charles de Sainte-Marthe. *Romanic Rev.*, 26:3:235-40. (3000)

Camille de Morel: a prodigy of the Renaissance. *Pub. Mod. Lang. Assoc.*, 51:1:83-119. (17,000)

WILLIAMS, LEWIS WARD, Ph.D.
Instructor in Education and Secretary of the Appointments Committee

ARTICLES:

Opportunities in the teaching profession. *Ill. Teacher*, 24:4:113, 127, 128. (1400)

REVIEWS:

Letters of recommendation, by L. N. Morrist. *Sch. Rev.*, 44:4:315-16. (600)

WILSON, WILBUR M., M.M.E., C.E.
Research Professor of Structural Engineering

Books:

With R. W. Kluge:

Effect of time yield in concrete upon deformation stresses in a reinforced concrete arch bridge. *Ill. Eng. Exp. Sta. Bul.*, 275. 29 pp.

With R. L. Brown:

The effect of residual longitudinal stresses upon the load-carrying capacity of steel columns. *Ill. Eng. Exp. Sta. Bul.*, 280. 26 pp.

ARTICLES:

Present status of structural welding. *J. West. Soc. Eng.*, 41:1:8-18. (5000)

Tests to determine the feasibility of welding the steel frames of buildings for complete continuity. *J. Amer. Weld. Soc.*, 15:1:28-38. (5000)

WINAKOR, ARTHUR HARRY, Ph.D.,
C.P.A.
Statistician in the Bureaus of Business Research and Institutional Research.

ARTICLES:

Limitations on assets. *Acct. Rev.*, 11:1:42-48. (4500)

With R. F. Smith:

Changes in the financial structure of unsuccessful industrial corporations. *Ill. Bur. Bus. Res. Bul.*, 51. 44 pp. (13,500)

WINTERS, ERIC, JR., M.S.

Associate in Soil Physics and Soil Survey

ARTICLES:

With Herman Wascher:

Local variability in the physical composition of Wisconsin drift. *J. Amer. Soc. Agron.*, 27:8:617-23. (1500)

WISHART, HAROLD BERTRAM, B.S.

Special Research Assistant in Engineering Materials

ARTICLES:

With W. D. Boone:

High-speed fatigue tests of several ferrous and non-ferrous metals at low temperatures. *Proc. A.S.T.M.*, 35:147-55. (2000)

WOLTHUIS, ENNO, M.S.

Assistant in Chemistry

ARTICLES:

The lowest temperatures. *J. Chem. Educ.*, 13:4:172-74. (1500)

WOMACK, MADELYN, Ph.D.

Special Research Assistant in Chemistry
See W. C. Rose.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

ARTICLES:

Report of the division of anthropology and psychology, National Research Council. *Psych. Bul.*, 32:9:660-63. (1000)

Report of committee in the experimental study of suggestion. *Ibid.*, 32:9:658-59. (300)

WOODRUFF, SYBIL, Ph.D.

Professor of Foods

ARTICLES:

With H. Hayden:

The effect of freezing on the physical and microscopic character of gels of corn and wheat starches. *J. Agr. Res.*, 52:3:233-37. (2100)

With L. Pickens and J. Smith:

Gelation of egg sols in the presence of electrolytes. *J. Home Econ.*, 27:8:540. (225)

WOODWORTH, CLYDE MELVIN, Ph.D.

Professor of Plant Genetics

ARTICLES:

Inheritance of seedling stem color in a broomcorn-sorghum cross. *J. Amer. Soc. Agron.*, 28:4. (1300)

WORKING, ELMER JOSEPH, M.S.

Associate Professor of Agricultural Economics

ARTICLES:

The objectives of economic control. An essay in *Economics, Sociology and the Modern World*, Harvard Univ. Press, Cambridge, 1935.

REVIEWS:

World agriculture and the depression, by V. P. Timoshenko. *J. Farm. Econ.*, 17:2:399-403.

YOUNG, PAUL THOMAS, Ph.D.

Professor of Psychology

BOOKS:

Motivation of behavior, the fundamental determinants of human and animal activity. John Wiley and Sons, N.Y., 1936. xviii+562 pp.

ZECHEL, GUSTAV LEOPOLD, M.D.

Assistant Professor of Anatomy and Associate in Surgery

ARTICLES:

A simple method of obtaining blood from the rat in the preparation of plasma for tissue culture. *Arch. Exp. Zellforschung*, 18: 142-45. (1050)

Peritoneal sutures in Narath and Schonbauer's modification of Talma's operation. *Amer. J. Surg.*, 32:1:101-02. (350)

ZEITLIN, HOWARD, M.S., M.D.

Instructor in Pathology and in Psychiatry
See B. W. Lichtenstein.

ZEITLIN, JACOB, Ph.D.

Professor of English

BOOKS:

The essays of Michel de Montaigne (translated and edited). II. Alfred A. Knopf, N.Y., 1935. 614 pp.

REVIEWS:

The English familiar essay, by Marie L. Hamilton. *J. Engl. Germ. Philol.*, 34:3: 466-68. (650)

Modern prose style, by Bonamy Dobree. *Ibid.*, 34:3:459-60. (1000)

Wordsworth's anti-climax, by W. L. Sperry. *Ibid.*, 35:2:293-96. (1800)

ZIMMERMANN, ARNOLD ALBERT, M.S.,

D.Sc.

Associate Professor of Anatomy

ARTICLES:

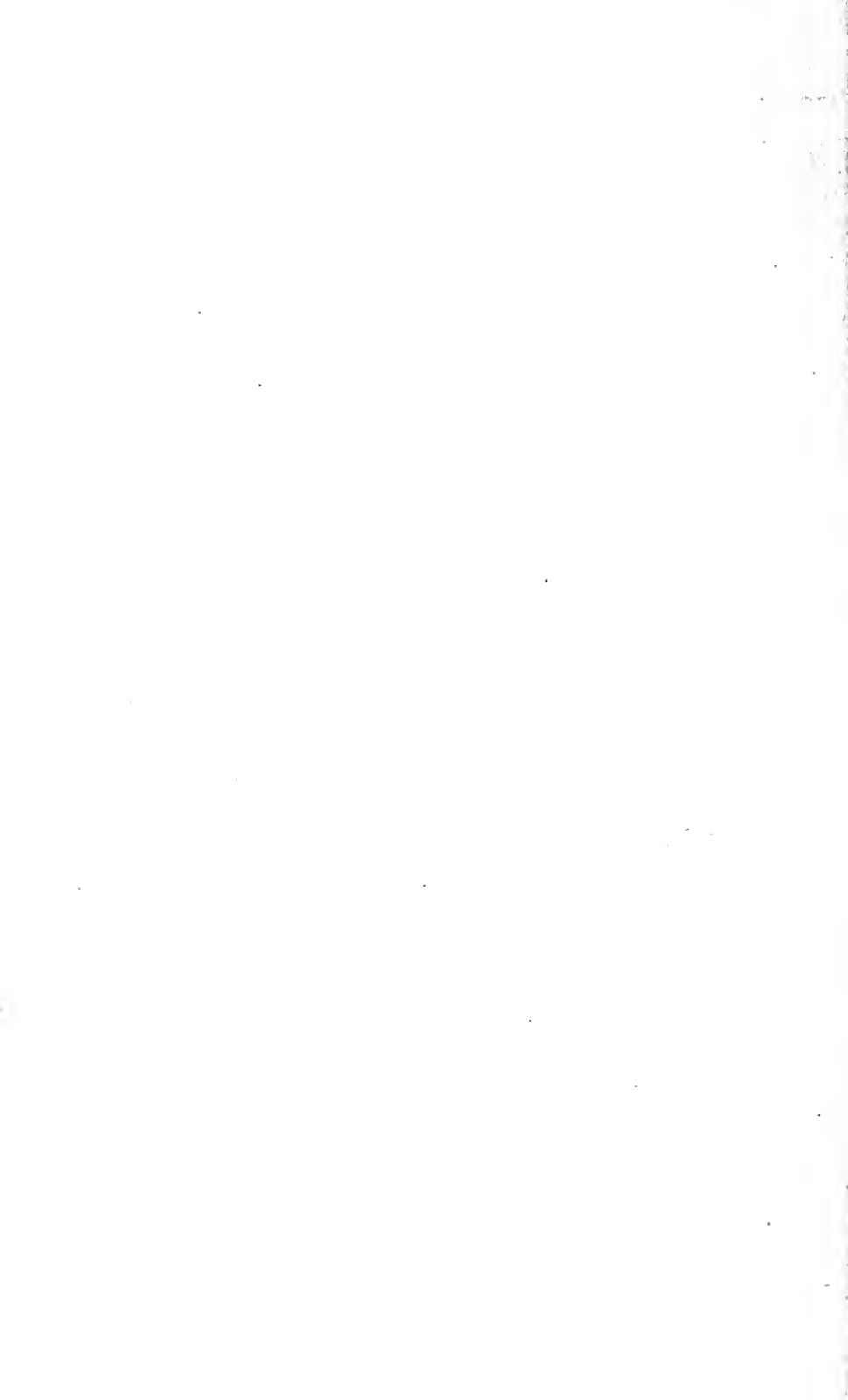
With O. Larsell and Edward McCrady:

Morphological and functional development of the membranous labyrinth in the opossum. *J. Comp. Neurol.*, 63:1:95-118. (7000)

REVIEWS:

Origin and function of the vascular system and of blood on the basis of cellular physiology, by M. Hausmann. *J.A.M.A.*, Sept., 1935, p. 991. (1000)

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PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1936—APRIL 30, 1937



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

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UNIVERSITY OF ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1936—April 30, 1937

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1937, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1937-38 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

Adams, Leverett Allen, Ph.D., Associate Professor of Zoology

ARTICLES:

With D. H. Thompson:

A case of wild carp, lacking pelvic fins. *Copeia*, Dec. 31, 1936, pp. 210-15. (2000)

Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

BOOKS EDITED:

With L. F. Fieser and others:

Organic syntheses, Vol. 17. John Wiley and Sons, N.Y., 1937. v + 112 pp.

ARTICLES:

With R. F. Miller:

Contribution to the multiplanar isomerism of cyclohexanes. *J.A.C.S.*, 58:787-91. (2500)

With A. McLean:

Succinic-a-d₂, a'-d acid and its derivatives. *Ibid.*, 58:804-10. (3500)

With M. T. Leffler:

Succinic-a-d₂, a'-d acid and its derivatives. II. Stereochemistry of the type RR'CHD. *Ibid.*, 58:1551-55. (2250)

Stereochemistry of deuterium compounds of the type RR'CHD: camphane-2, 3-d₂. *Ibid.*, 58:155-58. (1500)

REVIEWS:

The chemistry of natural products related to phenanthrene, by L. F. Fieser. *J.A.C.S.*, 58:859. (370)

Adamstone, Frank Bolton, Ph.D., Assistant Professor of Zoology

ARTICLES:

A lymphoblastoma occurring in young chicks reared on a diet treated with ferric chloride to destroy vitamin E. *Amer. J. Cancer*, 28:3:540-49.

Albig, John William, Ph.D., Assistant Professor of Sociology

ARTICLES:

A comparison of methods of recording urban residential mobility. *Sociol. and Soc. Res.*, 21:226-34.

A method of recording trends in urban residential mobility. *Ibid.*, 21:120-28.

Allison, Lowell Edward, M.S., Assistant in Soil Biology

ARTICLES:

Effect of chemical treatment of pea seed on nodulation by *Rhizobium leguminosarum*. III. *Agr. Exp. Sta. Bul.*, 443, pp. 3-12. (3500)

Anderson, Chester Reed, A.M., Assistant Professor of English

ARTICLES:

Writing application letters. *Diary of Alpha Kappa Psi*, 25:3-6. (4000). Reprinted in *The Literature of Business* (4th ed.), by Saunders and Creek, 1937, pp. 488-98.

Editorial comment. *Amer. Bus. Writ. Assoc. Bull.*, Vol. 1, Nos. 1-4. (7200)

Anderson, Ernestine Anne, A.M., Teacher of English in University High School

ARTICLES:

Sophomores read for pleasure. III. *Teacher*, Mar., 1937, pp. 201 ff. (2000)

Drama in an English literature course. *Engl. J.*, Mar., 1937, pp. 232-235. (1000)

Anderson, Harold Homer, Ph.D., Assistant Professor of Psychology

BOOKS:

Children in the family. D. Appleton-Century Co., N.Y., 1937.

ARTICLES:

Motivation of young children: further studies in success and failure, praise and blame. *Child Development*, 7:2:125-43. (2000)

Personality adjustment of the elementary school child. *N.E.A. Dept. Elem. Sch. Prin. 15th Yearbook*, pp. 244-53. (6500)

Growing in responsibility. *Childhood Educ.*, 13:1:5-8. (2000)

Six cents (on dealing with stealing in a small child). *Univ. of Iowa, Child Welfare Pamphlet F*, 1936, 8 pp. (500)

Learning about the world. *Parents' Mag.*, 11:8:17. (1000)

Anderson, Harry Warren, Ph.D., Professor of Pomological Pathology

ARTICLES:

Spray injury. *Trans. Ill. Hort. Soc.*, 70: 411-24.

With K. J. Kadow:

Factors affecting the physiological functions of fruit trees as viewed from the standpoint of sprays. *Ibid.*, 70:221-33.

With K. J. Kadow and S. L. Hopperstead:

The evaluation of some cuprous oxides recommended as seed-treatment products for the control of damping-off. *Phytopathology*, 27:575-87.

With K. J. Kadow and W. A. Ruth:

Greenhouse wires and pipes galvanized with zinc react with sulfur dioxide to form soluble zinc salts. *Ibid.*, 26:6:609-10.

With H. H. Thornberry:

Comparative studies on cultures of *Phytomonas lactucae-scarioiae* n. sp. and *Phytomonas pruni*. *Ibid.*, 27:109.

See also W. P. Flint and W. A. Ruth.

Arndt, Christian Ottomar, A.M., M.S., Head of the Department of Foreign Languages in University High School and Instructor in Education

ARTICLES:

Modern language and modern life. *Sch. and Soc.*, 44:246-49. (2500)

Arnold, Lloyd, A.M., M.D., Professor of Bacteriology and Public Health

BOOKS:

With C. Virginia Fisher:

Classification of yeasts and yeast-like fungi. *Ill. Med. Dent. Monog.*, Vol. 1, No. 3. Univ. of Ill. Press, Urbana, 1936. 92 pp.

ARTICLES:

With H. E. McDaniels and Eleanor Burton:
E. histolytica and other protozoa in the personnel of a Chicago hospital. *Amer. J. Digest. Dis. Nutrit.*, 3:526-28. (1800)

With Marion Hood:

The relationship between oral and gastric bacterial flora. *Ibid.*, 4:40-43. (2000)

The relation between the acid-base equilibrium and the gastric bacterial flora. *Ibid.*, 4:95-99. (1600)

Arnold, Richard Thomas, M.S., Fellow in Organic Chemistry

See R. C. Fuson.

Ashby, Robert Childers, Ph.D., Professor of Livestock Marketing

ARTICLES:

Wanted—quality market for quality beef. *Coop. Shipper*, 16:5:4-5. (1900)

Toward more profitable lamb marketing. *U. S. Livestock News*, 3:7:7. (2000)

The basic problems affecting livestock prices. *Amer. Coop.*, 1936, pp. 308-22. (7300)

Real drafters from Aberdeenshire. *Nat. Livestock Prod.*, 15:3:16. (700)

A glance at consumer cooperatives in Scotland and England. *Ill. Agr. Exp. Sta. multigraph*, Jan., 1937. (1900)

Livestock auction markets. *Assoc. So. Agr. Workers*, multigraph, Nashville, Tenn., Feb. 4, 1937. (2800)

Things stockmen do that affect their returns. *Proc. Amer. Soc. Animal Prod.*, 1936, pp. 300-04. (1550)

Some alternatives in livestock marketing. *Ill. Agr. Exp. Sta.*, multigraph, Apr., 1937. (5600)

British livestock-production and marketing. *Successful Coop. Livestock Market*, Chicago Producers Commission Assoc. An. Rpt., 1936, pp. 52-59. (4200)

Audrieth, Ludwig Frederick, Ph.D., Assistant Professor of Chemistry

ARTICLES:

A symposium of complex inorganic compounds. *Chem. Rev.*, 48:530-33. (1500)

With M. Sveda:

Demonstration of cold light. *Trans. Ill. Acad. Sci.*, 29:106. (400)

With C. Slobutsky:

Acid catalysis in liquid ammonia. *Ibid.*, 29:104-05. (1000)

Babbitt, Harold Eaton, M.S., Professor of Sanitary Engineering

ARTICLES:

The educational situation in water works engineering. *J. Amer. Water Works Assoc.*, 28:7:784.

Articles (continued)

With B. J. Leland and F. H. Whitley, Jr.:

The biologic digestion of sewage sludge with ground garbage. *Ill. Eng. Exp. Sta. Bul.*, 287.

Badger, Alfred Earl, M.S., Research Associate in Ceramic Engineering

ARTICLES:

Method of reducing heat losses from furnace parts. *Glass Industry*, 18:83-84. (500)

With W. C. Pittman:

Volatilization of ceramic materials at high temperatures. *Cer. Ind.*, 28:218. (400)

Badger, Carroll John, B.S., Associate in Soil Experiment Fields

See F. C. Bauer.

Baillar, John Christian, Jr., Ph.D., Assistant Professor of Chemistry

BOOKS:

Laboratory assignments for Chemistry 2 (3d ed.). Published by the author, 1936. 43 pp.

ARTICLES:

The stereochemistry of complex inorganic compounds. *Chem. Rev.*, 19:67-87. (9500)

With J. H. Balthis, Jr.:

Some chromous and chromic amines. *J.A.C.S.*, 58:1474-76. (2200)

With A. J. Barney and R. F. Miller:

The action of alkalis on mixtures of aromatic aldehydes. *Ibid.*, 58:2110-11. (1200)

With F. G. Jonelis and E. H. Huffman:

The stereochemistry of complex inorganic compounds II. The reaction of carbonates with levo-dichlorodiethylenediaminocobalt chloride. *Ibid.*, 58:2224-26. (1800)

With J. H. Haslam and E. M. Jones:

The stereochemistry of complex inorganic compounds III. The reaction of ammonia with levo-dichlorodiethylenediaminocobalt chloride. *Ibid.*, 58:2226-27. (1350)

With E. H. Huffman and A. R. Wreath:

Configuration changes in the reactions of complex inorganic compounds. *Science*, 85:49. (260)

REVIEWS:

General chemistry (3d ed.), by H. N. Holmes. *J. Chem. Educ.*, 14:48. (550)

Baker, Frank Collins, B.S., Curator of the Museum of Natural History

ARTICLES:

Identification of shells. Appendix VI in *Rediscovering Illinois*, by Fay-Cooper Cole and Thorne Deuel. Univ. of Chicago Press.

New Lymnaeidae from the United States and Canada. II. Michigan, Minnesota, and Montana. *Nautilus*, 49:127-30. (2000)

The relationship of Parapholyx. *Ibid.*, 50:30-31. (250)

Remains of animal life from the Kingston kitchen midden site near Peoria. *Trans. Ill. Acad. Sci.*, 29:243-46. (1500)

Baker, Robert Horace, Ph.D., D.Sc., Professor of Astronomy and Head of the Department

ARTICLES:

A study of 1113 additional galaxies in a region of Fornax and Eridanus. *Ann. Harv. Observ.*, 88:163-74. (3000)

Balduf, Walter Valentine, Ph.D., Assistant Professor of Entomology

ARTICLES:

Observations on *Podalonia violaceipennis* and *Vespula maculata*. *Can. Entom.*, 68: 137-39. (1400)

REVIEWS:

The gypsy moth, *Porthetria dispar* L., in Eurasia, Africa, and New England, by K. E. Schedl. *J. Econ. Entom.*, 30:2:384. (400)

Baldwin, Thomas Whitfield, Ph.D., Professor of English

REVIEWS:

The real war of the theaters, by R. B. Sharpe. *J. Engl. Germ. Philol.*, 36:272-75. (1400)

Bartlett, James Holley, Jr., Ph.D., Associate Professor of Theoretical Physics

See J. J. Gibbons.

Bartlett, Roland Willey, Ph.D., Assistant Professor of Agricultural Economics

ARTICLES:

Transportation of milk in the St. Louis milkshed. *J. Farm Econ.*, 18:2:352-62. (2700)

Changes in city market outlets for fluid milk. *Amer. Coop.*, 1936, pp. 100-16. (5700)

Milk transportation in the St. Louis milkshed with suggested solutions. *Ill. Agr. Exp. Sta. Bul.*, 430, pp. 423-70. (10,000)

The farmer's share of the consumer's dollar. *Ill. Farm Econ.*, Nos. 12-13, pp. 57-58. (650)

Changes in factory payrolls. *Ibid.*, Nos. 16-17, pp. 78-79. (950)

Changes in retail distribution methods. *Ibid.*, No. 19, pp. 90-91. (650)

The relation of international trade agreements to incomes of dairy producers. *Ibid.*, Nos. 20-21, pp. 93-97. (1400)

Trends in the dairy industry. *Ind. Dairy-mens Assoc. An. Rpt.*, 1937. (5000)

Changes in city market outlets for fluid milk. *Dairy Manufacturers Short Course Manual*, Dept. Dairy Hush., mimeo., Nov., 1936, pp. 1-12. (3500)

Importance of high-quality milk to consumers, distributors and producers. Dept. Agr. Econ., mimeo., Jan., 1937, pp. 1-7. (2000)

Consumers' income affects dairymen. *Hoard's Dairyman*, 81:14:370. (550)

Changes in city market outlets for fluid milk. *Milk Plant Mo.*, Jan., 1937, pp. 40 and 42. (1600)

Factory payrolls continue gains in Illinois and United States. *Popkess' Dairyman's J.*, Dec., 1936, p. 12. (250)

Changes in city market outlets for fluid milk. *Ibid.*, Feb., 1937, p. 6; Mar., 1937, p. 6; Apr., 1937, p. 12. (2000)

Bartow, Virginia, Ph.D., Associate in Chemistry

ARTICLES:

Women in chemistry—an historical survey. *Sigma Delta Epsilon News*, 3:1:6-7. (1800)

Bauer, Edward Ezra, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

Determining the percentage of moisture in soil samples without drying. *A.S.T.M. Bul.*, July, 1936, pp. 10-11. (2700)

Building street intersections without bumps. *Amer. City*, Feb., 1936, pp. 60-61. (900)

Articles (continued)

Instruction in soil mechanics. *Proc. Internat. Conf. Soil Mech.*, Part 3, pp. 264-65. (1150)

Report of the meeting of the committee on foundations and soil mechanics of the Society for the Promotion of Engineering Education. *J. Eng. Educ.*, 27:4:277-78; *C.E. Bul.*, S.P.E.E., Dec., 1936. (1500)

Bauer, Frederick Charles, Ph.D., Professor of Soil Fertility

ARTICLES:

With A. L. Lang, C. J. Badger, L. B. Miller, C. H. Farnham, and P. E. Johnson:

Crop yields from Illinois soil experiment fields. *Ill. Agr. Exp. Sta. Bul.*, 425, pp. 147-243.

Baumgardner, Alleyne, A.B., B.S., Reference Assistant in the Library

ARTICLES:

Suggested instructional material for eleventh or twelfth grade economics. High School Visitor's Office, mimeo., 1936, 47 pp. (11,000)

Bayley, William Shirley, Ph.D., Professor of Geology, Emeritus

ARTICLES:

Mineralogy's contribution to other sciences and to industry. *Amer. Mineral.*, 22:3:147-68. (11,000)

Beard, Joseph Howard, A.M., M.D., Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

ARTICLES:

The contribution of cholera to public health. *Sci. Mo.*, 43:515-21. (3000)

Beck, William Carl, A.B., B.M., M.D., Associate in Surgery

BOOKS:

Biesenberger's plastic procedure on the female breast (translation). Mandrich, Vienna, 1937.

ARTICLES:

Preparation of the operative field. *Arch. Surg.*, 33:876-89. (6000)

Principles and problems in surgery of the autonomic nervous system. *Guthrie Clinic Bul.*, 6:80-88. (3000)

Branchogenic cysts in infancy. *Surg.*, 1:792-800. (4000)

REVIEWS:

Internat. Abst. Surg. Mo., passim.

Behling, Burton Neubert, Ph.D., Instructor in Economics

ARTICLES:

Monopolistic competition in public utility service. *Amer. Econ. Assoc.*, mimeo., Dec., 1936. (1800)

Competitive significance of substitutes for public utility service. *Amer. Econ. Rev.*, 27:1:17-30. (6300)

Benner, Thomas Eliot, Ed.D., Professor of Education and Dean of the College of Education

ARTICLES:

With C. W. Sanford:

Recent changes in the program of teacher education of the College of Education. *Ill. Teacher*, Mar., 1937, p. 203. (1500)

Berdahl, Clarence Arthur, Ph.D., Professor of Political Science and Chairman of the Division of Social Sciences

REVIEWS:

The eve of 1914, by T. Wolff. *Amer. Pol. Sci. Rev.*, 30:4:785-86. (750)

The treaty of St. Germain; a documentary history of its territorial and political clauses, edited by N. Almond and R. H. Lutz. *Ibid.*, 31:1:168-69. (350)

Birch, Carroll La Fleur, M.S., M.D., Assistant Professor of Medicine

BOOKS:

Hemophilia: clinical and genetic aspects. *Ill. Med. Dent. Monog.*, Vol. 1, No. 4. Univ. of Ill. Press, Urbana, 1937. 151 pp.

ARTICLES:

Bleeding from the oral tissues; causes and differentiation. *J. Amer. Dent. Assoc.*, 23:5:750-54. (2800)

Black, Dorothy Miller, A.M., Reference Assistant in the Library

REVIEWS:

Americana annual, 1936. *Subscription Books Bul.*, 7:4:49-50. (400)

Catholic encyclopedia, rev. ed., vol. 1, 1936. *Ibid.*, 8:2:18-21. (1200)

Dictionary of American English, part 1. *Ibid.*, 8:2:21-22. (600)

Encyclopaedia Britannica, 14th ed., 1936. *Ibid.*, 7:4:55-56. (800)

Encyclopedia of banking and finance, by G. G. Munn, Vol. 1, 1935. *Ibid.*, 7:4:56-58. (650)

Who's who in American art, 1936-37. *Ibid.*, 8:1:13-15. (650)

Who's who in American education, 1935-36. *Ibid.*, 7:4:59-61. (750)

Who's who in commerce and industry, 1936. *Ibid.*, 7:3:43-44. (650)

Black, Paul Howard, M.E., M.S., Associate in Mechanical Engineering

ARTICLES:

An investigation of relative stresses in solid spur gears by the photoelastic method. *Ill. Eng. Exp. Sta. Bul.*, 288. 29 pp.

Blanchard, William Oscar, Ph.D., Professor of Geography

ARTICLES:

Some problems of Egyptian agriculture. *Trans. Ill. Acad. Sci.*, 29:136-38. (1000)

The plains of the Po. *J. Geog.*, 36:81-92. (3600)

Father Nile and Egyptian agriculture. *Sci. Mo.*, 44:268-72. (2000)

Bogart, Ernest Ludlow, Ph.D., Professor of Economics and Head of the Department

BOOKS EDITED:

Principles and problems of economics, by O. C. Ault and E. J. Eberling. Longmans, N.Y., 1936. viii + 843 pp.

REVIEWS:

So Half Amerika: Die Auslandshilfe der Vereinigten Staaten, 1812-1930, by H. Stöhr. *J. Pol. Econ.*, Nov., 1936. (400)

Boner, J. Russell, A.B., Assistant in Economics

ARTICLES:

Don't apologize for a mimeo! *Quill and Scroll*, 11:1:15. (1200)

How a mimeo paper can attract subscribers. *Ibid.*, 11:2:19. (1200)

Articles (continued)

Magazine or newspaper; which shall it be? *Ibid.*, 11:3:17. (1000)

The deadline for mimeos. *Scholastic Editor*, 16:3:67-69. (1200)

Mimeograph papers. *Ibid.*, 16:5:100-01; 16:7:142. (1400)

Bonnell, Allen Thomas, A.M., Service Fellow in Economics

ARTICLES:

Foreign trade of Italy, 1925-1935, with recommendations for the expansion of the export trade. *Annuario della Camera di Commercio Italiana in New York*, 12:424-53.

Bonnett, Orville Thomas, Ph.D., Assistant Professor of Plant Genetics

ARTICLES:

The development of the wheat spike. *J. Agr. Res.*, 53:6:445-51. (3400)

Boyd, Anne Morris, B.L.S., Associate Professor of Library Science

ARTICLES:

Report of sub-committee on institutional libraries. *Ill. Lib.*, 18:187-90. (2200)

See also P. L. Windsor.

Brandly, Carl Alfred, D.V.M., M.S., Associate Chief in Animal Pathology and Hygiene

ARTICLES:

Studies on the egg-propagated viruses of infectious laryngotracheitis and fowl-pox. *J. Amer. Vet. Med. Assoc.*, 88(n.s.41):587-99. (6000)

Studies on certain filtrable viruses. *Ibid.*, 90(n.s.43):479-87. (3200)

See also R. Graham.

Bray, Roger Hammond, M.S., Assistant Chief in Soil Survey Analysis

ARTICLES:

Potassium availability in Illinois soils. *Better Crops*, 20:12:11-16, 36-39. (4200)

Total potassium content of Illinois soils and its relation to availability. *Ill. Agr. Exp. Sta.*, mimeo., May, 1936. (1300)

Chemical and physical changes in soil colloids with advancing development in Illinois soils. *Soil Sci.*, 43:1:1-14. (5000)

With R. E. Grim:

The mineral constitution of various ceramic clays. *J. Amer. Cer. Soc.*, 19:11:307-15. (5300)

With R. E. Grim and W. F. Bradley:

The constitution of bond clays and its influence on bonding properties. *Proc. Amer. Foundrymen's Assoc.*, 7:211-28. (4400)

Broder, Samuel B., M.D., M.S., Instructor in Psychiatry

ARTICLES:

Therapy in catatonia, the effects of combining caffeine sodiobenzoate with sodium amylal. *Amer. J. Psychiat.*, 93:4:957-67. Sleep induced by sodium amylal, an abridged method for use in mental illness. *Ibid.*, 93:1:57-74.

Broderick, Edwin Laurence, M.S., Research Assistant in Mechanical Engineering

ARTICLES:

Air conditioning equipment. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 59-74. (3200)

See also A. P. Kratz.

Brodie, Allan Gibson, D.D.S., M.S., Professor of Orthodontia and Head of the Department

ARTICLES:

- Two unusual cases of supernumerary teeth. *Angle Orthodontist*, 6:3:209-11. (500)
Occlusion from the standpoint of the fundamental sciences. *Ill. Dent. J.*, Jan., 1937, pp. 6-20. (6000)

REVIEWS:

With others:

- The application of the principles of the edgewise arch in the treatment of class II div. I malocclusion, by C. H. Tweed. *Angle Orthodontist*, 7:1:1-14.

Brooks, Neil Conwell, Ph.D., Professor of German, *Emeritus*

REVIEWS:

- Twee Zestiende-Eeuwse Spelen Van De Hel, door B. H. Erne. *J. Engl. Germ. Philol.*, 35:3:423-24. (430)
A study of the themes of the Resurrection in the mediaeval French drama, by J. G. Wright. *Ibid.*, 36:2:271-72. (450)

Brown, Frank Arthur, Jr., Ph.D., Instructor in Zoology

BOOKS:

See L. J. Thomas.

ARTICLES:

- The responses of the large-mouthed black bass to colors. *Bul. Ill. Nat. Hist. Surv.*, 21:2:21-55. (12,000)

With J. F. G. Wheeler:

- The periodic swarming of *Anchistioides antiguensis* (Schmitt) at Bermuda. *J. Linn. Soc.*, 39:4:13-28. (5000)

With B. V. Hall:

- The directive influence of light upon *Drosophila melanogaster* Meig and some of its eye mutants. *J. Exp. Zool.*, 74:2:205-20. (5000)

Brown, Hugh Alexander, M.S., E.E., Associate Professor of Electrical Engineering

See E. B. Paine.

Bruch, Gerston, Ph.C., Assistant in Materia Medica and Botany

See E. H. Wirth.

Buchholz, John Theodore, Ph.D., Professor of Botany

ARTICLES:

- The embryogeny of species of *Podocarpus* of the subgenus *Stachycarpus*. *Bot. Gaz.*, 98: 135-46. (5000)
Seed cone development in *Sequoia gigantea*. *Science*, 85:59. (400)
The effects of visible and ultra violet light on the histology of plant tissues. Chapter 24 of *Biological Effects of Radiation*, by B. M. Duggar et al., Vol. II, pp. 829-40. McGraw-Hill Book Co., N.Y., 1936.

With A. F. Blakeslee:

- Genes from radium treatment affecting pollen tube growth in *Datura*. *Genetics*, 21: 731-51. (12,000)

- A gene in *Datura* which is recessive in both the gametophyte and sporophyte. *Rec. Gen. Soc. Amer.*, 5:187. (500)

With A. F. Blakeslee and others:

- Datura* investigations. *An. Rpt. Dept. Genetics, Carnegie Inst. Wash.*, 1935-36, pp. 37-40.

REVIEWS:

- Gymnosperms, structure and evolution, by C. J. Chamberlain. *Science*, 82:225-26; *Bot. Gaz.*, 97:191-92. (1200)

Reviews (continued)

- The Cerro Cuadrado petrified forest, by G. R. Weiland. *Bot. Gaz.*, 98:619-21. (1200)

Bull, Sleeter, M.S., Associate Professor of Meats

ARTICLES:

- High in the Andes. *Nat. Livestock Prod.*, Feb., 1937, p. 3. (1500)
Argentina—our rancher neighbor. *Ibid.*, Mar., 1937, p. 3. (1500)

Burge, William Edward, Ph.D., F.I.C.A., Associate Professor of Physiology and Acting Head of the Department

ARTICLES:

See G. C. Wickwire.

Burlison, William Leonidas, Ph.D., D.Agr., Professor of Crop Production and Head of the Department of Agronomy

ARTICLES:

- The soybean—a plant immigrant makes good. *Ind. Eng. Chem.*, 28:772. *Ill. Agr. Exp. Sta. Circ.*, 461, pp. 1-15. (5600)
Growing artichokes in America. *Proc. 2d Dearborn Conf.*, May, 1936, pp. 111-20. (4900)

With H. P. Rusk and J. J. Pieper:

- Pasture improvement and management. *Ill. Agr. Exp. Sta. Circ.*, 465, pp. 1-50. (13,000)

With J. J. Pieper:

- Foreign strains of alfalfa and red clover. *Ill. Agr. Exp. Sta. Bul.*, 431, pp. 475-503. (8500)

With V. R. Boswell and others:

- Studies of the culture and certain varieties of the Jerusalem artichoke. *U.S.D.A. Tech. Bul.* 514, pp. 1-69. (1700)

Burmester, Ben Roy, Ph.D., Instructor in Animal Physiology

ARTICLES:

- Reticulocytes: their color, volume, and saturation indices. *Calif. and West. Med.*, 45:2:119. (500)
A chemical and spectrophotometric study of immature red blood cells. *Folia Haematol.*, 56:372-97. (6500)

With D. M. Greenberg and others:

- The state and partition of the calcium and inorganic phosphorus in the serum of the fowl; effect of growth and ovulation. *Poultry Sci.*, 15:6:483-89. (2800)

Buswell, Arthur Moses, Ph.D., Professor of Chemistry and Chief of State Water Survey

ARTICLES:

- Treatment of milk waste—American and European practice. *Proc. 20th An. Conv. Internat. Assoc. Milk Dealers* (plant section), Oct., 1936, pp. 107-13.

With T. E. Larson:

- Optical difficulties with the cylindrical cataphoresis cell. *J. Phys. Chem.*, June, 1936.

With Le Bosquet:

- Complete treatment of distillery waste. *Ind. Eng. Chem.*, 28:795.

With J. Burtle:

- Oxygen demand studies. *Sewage Works J.*, 9:2:224-38.

With V. Deitz and W. H. Rodebush:

- Effect of hydrogen bond formation on the fundamental frequency of the hydroxyl radical. *J. Chem. Phys.*, 5:84.

Calvin, Joseph Kaiser, B.S., M.D., Assistant Professor of Pediatrics

ARTICLES:

Tetanus. Chapter 27 of *Practice of Pediatrics*, Vol. 2, by Brennemann. W. F. Prior Co., 1936.

Camp, Walter John Richard, M.D., Ph.D., Professor of Pharmacology, Materia Medica and Therapeutics

ARTICLES:

An explanation of duodenal activity. *J. Pharm. Exp. Ther.*, 58:393-401. (1900)

With J. A. Higgins:

The role of potassium in epinephrine action. *Ibid.*, 57:376-87. (2800)

Canter, Howard Vernon, Ph.D., Professor of the Classics and Acting Chairman of the Department

ARTICLES:

Ill will of the gods in Greek and Latin poetry. *Class. Philol.*, 32:131-43. (5700)

Mythology in Cicero. *Ibid.*, 32:39-41. (1000)

Irony in the orations of Cicero. *Amer. J. Philol.*, 57:457-64. (3500)

"Laus temporis acti" in Latin literature. *Proc. Amer. Philol. Assoc.*, 67:32. (300)

REVIEWS:

Memoirs of the American Academy in Rome, XII. *Class. J.*, 32:178-80. (1200)

Plauti Mercator, by P. J. Enk. *Ibid.*, 32:377-78. (400)

Sallust, by K. Latte. *Class. Philol.*, 32:185-86. (600)

Card, Leslie Ellsworth, Ph.D., Professor of Poultry Husbandry

See E. Roberts.

Carmichael, Robert Daniel, Ph.D., Professor of Mathematics and Dean of the Graduate School

ARTICLES:

Proof that every positive integer is a sum of four integral squares. *Duke Math. J.*, 2:243-45. (1400)

On non-homogeneous linear differential equations of infinite order with constant coefficients. *Amer. J. Math.*, 58:473-86. (6000)

On numbers of the form $a^2 + ab^2$. *Amer. Math. Mo.*, 44:81-86. (3600)

Knowledge and wisdom. *Phi Kappa Phi J.*, 17:12-18. (3600)

With W. T. Martin and M. T. Bird:

On a classification of integral functions by means of certain invariant point properties. *Trans. Amer. Math. Soc.*, 40:462-73. (6000)

Caro, Marcus Rayner, B.S., M.D., Associate in Dermatology

ARTICLES:

With F. E. Senear:

Nevoxantho-endothelioma or juvenile xanthoma. *Arch. Dermat. Syph.*, 34:195.

Ulcerative Hodgkin's disease of the skin. *Ibid.*, 35:114.

Carpenter, Paul David, Ph.G., B.S., Associate in Materia Medica and Botany

BOOKS:

Morphological studies on Polygala Senega. *J. Amer. Pharm. Assoc.*, June, 1936.

Carter, Herbert Edmund, Ph.D., Assistant Professor of Chemistry

ARTICLES:

With L. R. Schiltz:

Synthesis of serine. *J. Biol. Chem.*, 116:793-98. (1300)

With M. L. Wood and R. J. Madden:

Synthesis of α -amino- β -hydroxy- n -butyric acids. *II. Ibid.*, 117:1-6. (1700)

Cary, Roderick Charles, A.B., Assistant in Chemistry

See R. L. Shriner.

Case, Harold Clayton M., Ph.D., Professor of Agricultural Economics and Head of the Department

See M. L. Mosher.

Casner, Andrew James, A.B., LL.B., Associate Professor of Law

BOOKS:

With others:

Restatement of the law of property, 2 vols. Amer. Law Inst., St. Paul, Minn., 1936. cxii + 1179 + 82 pp.

Maryland annotations to the restatement of agency. *Ibid.* 320 pp.

Uniform property act. Amer. Law Inst. Phila., Pa., 1937. 22 pp.

Christ, Robert Edward, Ph.D., Special Research Assistant in Chemistry

See R. C. Fuson.

Clark, Francis Matthew, Ph.D., Associate in Bacteriology

See F. W. Tanner.

Clark, George Lindenberg, Ph.D., D.Sc., Professor of Chemistry

ARTICLES:

X-ray studies of the structures of biological materials. *Science*, 85:2193-53. (125)

The application of the x-ray diffraction method to non-metallic materials. *Symposium on Radiography and X-ray Diffraction Method, A.S.T.M.*, 1937, pp. 339-350. (4000)

With J. N. Mrgudich and N. C. Schieltz:

Die basischen Sulfate des Bleis. *Zeits. anorg. allgem. Chem.*, 229:4:401-09. (1800)

With A. F. Smith:

X-ray diffraction studies of chitin, chitosan, and derivatives. *J. Phys. Chem.*, 40:7:863-80. (5500)

With P. W. Leppla:

X-ray diffraction studies of built up films. *J.A.C.S.*, 58:11:2199. (1000)

With J. A. Schaad:

X-ray diffraction studies of tendon and intestinal wall collagen. *Radiology*, 27:3:339-56. (5000)

With W. A. Sisson and E. A. Parker:

Adsorption edges in the x-ray patterns of native and mercerized cellulose. *J.A.C.S.*, 58:9:1635-38. (700)

With John L. Gring:

Practical apparatus for spectroscopic chemical analysis. *R.S.L.*, 7:8:305-06. (650)

With R. R. Sterrett and B. H. Lincoln:

X-ray diffraction studies of lubricants. I. Structures of solid and of unimolecular films, and orientation effects of addition agents. *Ind. Eng. Chem.*, 28:11:1318-22. (3500)

CLARK, G. L.—Articles (continued)

- X-ray diffraction studies of lubricants. II. Molecular regimentation and chemical reductions in liquid oils and blends. *Ibid.*, 28:11:1322-25. (2500)
X-ray diffraction studies of lubricants. III. X-ray method of rating lubricants in terms of protection against surface wear. *Ibid.*, 28:11:1326-28. (2000)

With E. A. Parker:

- Diffraction of x-rays at very small angles by celluloses and rayons. *Science*, 85: 2199:203-04. (550)

With W. S. Coe:

- Photochemical reduction with x-rays and effects of addition agents. *J. Chem. Phys.*, 5:2:97-105. (6000)

With J. H. Shenk:

- X-ray diffraction studies of globular proteins. I. Egg albumin. *Radiology*, 28:1:58-67. (4500)
X-ray diffraction studies of globular proteins. II. Hemoglobins. *Ibid.*, 28:2:144-56. (5000)
X-ray diffraction studies of globular proteins. III. The action of formaldehyde on proteins. *Ibid.*, 28:3:357-61. (1500)

With R. E. Grim and W. F. Bradley:

- Notes on the identification of minerals in clays by x-ray diffraction. *Zeit. Kristallog.*, 96:4:322-24. (600)

With F. F. Riecken and D. H. Reynolds:

- X-ray diffraction studies of two-micron fractions of some genetic soil profiles. *Ibid.*, 96:4:273-86. (3700)

See also H. A. Ruehe.

REVIEWS:

- Materialprüfung mit Röntgenstrahlen, by R. Glocker. *Ind. Eng. Chem.*, 15:6:131. (420)

Clevenger, Arthur Wilbur, A.M., High School Visitor

ARTICLES:

- Music from the point of view of the administrator. *Educ. Mus. Mag.*, Jan.-Feb., 1937, pp. 15-16, 34-35. (3200)
Temperance in the schools. *Ill. Teacher*, Apr., 1937, pp. 239, 277. (1300)

Coble, Arthur Byron, Ph.D., LL.D., Professor of Mathematics and Head of the Department

ARTICLES:

- Groups of Cremona transformations in space of planar type. II. *Duke Math. J.*, 2:205-19. (9000)

Colby, Arthur Samuel, Ph.D., Professor of Pomology

ARTICLES:

- The inheritance of suckering and tip layering in purple raspberry seedlings. *Proc. Amer. Soc. Hort. Sci.*, 33:427-29. (1300)
Preliminary report on raspberry root systems. *Ibid.*, 34:372-76. (1300)
Strawberry culture in Illinois. *Ill. Agr. Exp. Sta. Circ.*, 453. (15,000)
Tomorrow's berries. *Rural Prog. Mag.*, 50: 12:19. (500)
New small fruit varieties. *Trans. Iowa Hort. Soc.*, 70:34-40. (2400)
Some problems in the control of small fruit pests. *Ibid.*, 70:45-50. (2300)
The improvement of varietal descriptions in nursery catalogs. *Flor. Exch. and Hort. Trade World*, 87:5:14. (1400)
Next steps in Illinois nut growing. *Proc. North. Nut Growers Assoc.*, 26:52-55. (2100)

Articles (continued)

- What the small fruit grower can do about the weather. *Trans. Ill. Hort. Soc.*, 70: 163-72. (3200)
What is new in small fruit culture? *Ibid.*, 70:337-53. (5000)

Cole, Arthur Gideon, Ph.D., Assistant Professor of Physiological Chemistry

ARTICLES:

With L. Hektoen:

- Precipitin reactions of various ovalbumins. *Proc. Soc. Exp. Biol. Med.*, 36:97-99. (800)

REVIEWS:

- Manuel de biochimie, by Pierre Thomas. *Arch. Path.*, 22:433. (300)
The specificity of serological reactions, by K. Landsteiner. *Ibid.*, 22:581. (250)

Cole, Warren Henry, B.S., M.D., Professor of Surgery and Head of the Department

BOOKS:

- Text book of general surgery. D. Appleton-Century Co., N.Y., 1936. 1031 pp.

ARTICLES:

- Tumors of the gallbladder and bile ducts. In *A Text Book of Surgery*, by Christopher. W. B. Saunders Co., Phila., 1936.
Pneumococcus peritonitis. *Surg.*, 1:3:386-94. (5000)

With N. A. Womack:

- The thyroid gland in hypoglycemia. *Ann. Surg.*, 105:3:370-78. (3200)

Converse, Paul D., A.M., Professor of Business Organization and Operation

BOOKS:

- Essentials of distribution. Prentice-Hall, N.Y., 1936. 575 pp.
Suggested solutions to problems in elements of marketing (rev. ed.). Prentice-Hall, N.Y., 1937. 82 pp.

ARTICLES:

- Shall we tax the chains? *Bul. Nat. Tax. Assoc.*, 22:3:88-93. (4300)
How changing prices affect retailers as credit risks. *Credit Exec.*, 30:5:135-38. (3800)
Retail cooperatives are a good defense. *Re-tailing*, 9:2:17. (1300)

Copley, Michael Joseph, Ph.D., Assistant Professor of Chemistry

ARTICLES:

With J. Glasser:

- Surface ionization of cesium on tungsten. *J.A.C.S.*, 58:1057. (700)

Cornbleet, Theodore, B.S., M.D., Assistant Professor of Dermatology

See H. C. Struck and B. Fantus.

Cowan, John Charles, A.B., Assistant in Chemistry

See C. S. Marvel.

Cramer, Ralph Ellsworth, M.S., Special Research Assistant in Engineering Materials

ARTICLES:

- Production of flakes in steel by heating in hydrogen. *Steel*, Nov. 9, 1936, pp. 92-93. (800)

REVIEWS:

- Recrystallization structures, by N. P. Goss. *Trans. A.S.T.M.*, 24:1024-27. (600)

Crandell, John Stanley, B.S., C.E., Professor of Highway Engineering

ARTICLES:

- Germany builds superhighways. *Eng. News-Rec.*, 117:9:289-91. (5400)
There is no need of faults in brick pavements. *Amer. City*, 51:8:47-49. (4500)
Industrial studies in physical regional planning. *Planners' J.*, 2:4:96-98. (1800)
Make "L" highways beautiful. *Motor News*, 26:10:2. (350)
A new sense of design values is needed. *Eng. News-Rec.*, 118:1:14-16. (4000)
Report of committee on fillers and cushion courses. *Proc. 16th Ann. Meet. Highway Res. Bd.*, p. 181. (900)

Crist, Raymond E., D. ès Let., Instructor in Geography

ARTICLES:

- Life on the llanos of Venezuela. *Bul. Geog. Soc. Phila.*, 35:2:13-25. (3500)

REVIEWS:

- Die Venezolanischen Llanos, by Muller; Notes on the vegetation of the Venezuelan llanos, by J. G. Myers; Desolate marches: travels in the Orinoco llanos of Venezuela, by L. M. Nesbitt. *Geog. Rev.*, 26:3:500-02. (1000)
A description of Ifni, by E. Hernandez-Pacheco. *Ibid.*, 26:4:684. (500)

Cross, Hardy, A.B., B.S., M.C.E., D.Sc., Professor of Structural Engineering

ARTICLES:

- Analysis of flow in networks of conduits or conductors. *Ill. Eng. Exp. Sta. Bul.*, 286. (6000)
Interaction between rib and superstructure in concrete arch bridges. *Proc. A.S.C.E.*, Apr., 1937. (1000)
Concerning the importance of teaching school. *J. Eng. Educ.*, Jan., 1937. (1000)
Relation of analysis to structural design. *Trans. A.S.C.E.*, Vol. 62. (7000)

Culler, Elmer Kurtz, Ph.D., Professor of Psychology

ARTICLES:

- Conditioned behavior in a decorticate dog. *Psych. Bul.*, 31:729-30.
Mapping the cochlea. *Ibid.*, 32:722-23.
Acoustic value of the components of the auditory system in cats. *Amer. J. Physiol.*, 116:33-34.
Conditioned-reflex method in the study of hearing by bone-conduction. *Ann. Otol. Rhinol. Laryngol.*, 45:837-40.

With G. Finch:

- Effects of protracted exposure to a loud tone. *Amer. J. Physiol.*, 113:32.

With E. Girden:

- Conditioned responses in curarized striate muscle in dogs. *J. Comp. Psych.*, 23:261-74.

With W. J. Brogden:

- Increased acoustic sensitivity in dogs following Roentgen-radiation of the hypophysis. *Amer. J. Physiol.*, 119:123-23.

With E. Girden, F. A. Mettler, and G. Finch:

- Conditioned responses in a decorticate dog to acoustic, thermal and tactile stimulation. *J. Comp. Psych.*, 21:367-85.

With G. Finch and E. Girden:

- Correlation of auditory acuity with peripheral electric response of acoustic mechanism. *J. Psych.*, 2:409-19.

Articles (continued)

With W. J. Brogden, E. Girden, and F. A. Mettler:

- Acoustic value of the several components of the auditory system in cats. *Amer. J. Physiol.*, 116:252-61.

Cunningham, Joseph Bernard, B.S., Assistant Professor of Farm Management Extension
See P. E. Johnston.

Damschroder, Rudolph E., Ph.D., Assistant in Chemistry

See R. L. Shriner.

Davis, David John, M.D., Ph.D., Professor of Pathology, Head of the Department of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine

ARTICLES:

- George E. Clements (short sketch of life). *Proc. Inst. Med.*, 11:11:230-31. (225)
William Allen Pusey—the educator. *Arch. Derm. Syph.*, 35:10-13. (2000)

With I. Pilot and others:

- Tonsillitis in dogs due to hemolytic streptococci. *Proc. Soc. Exp. Biol. Med.*, 34:499-502. (1000)

Davis, James Elwood, M.F., Extension Forester in the Agricultural Extension Service

ARTICLES:

- Windbreaks for Illinois farmsteads. *Ill. Nat. Hist. Surv. Bul.*, 27. (3000)

De Turk, Ernest E., Ph.D., Professor of Soil Fertility

ARTICLES:

- Soil conservation from the viewpoint of soil chemistry. *J. Amer. Soc. Agron.*, Feb., 1937. (7200)

Diamond, Isadore Bernhard, M.D., Assistant Professor of Psychiatry

ARTICLES:

- Puerperal eclampsia: a neuropathologic study. *Arch. Neurol. Psychiat.*, 35:1320-37. (6500)

Dickinson, Burrus S., Ph.D., Assistant Professor of Journalism

See L. W. Murphy.

Dickinson, Frank Greene, Ph.D., Assistant Professor of Economics

ARTICLES:

With F. Eakin:

- A balance sheet of the nation's economy. *Ill. Bur. Bus. Res. Bul.*, 54.
The national wealth: how a balance sheet might solve national problems. *Annalist*, Apr. 23, 1937.

Dillavou, Essel Ray, A.M., J.D., Associate Professor of Business Law

ARTICLES:

- Law of business correspondence. Appendix II in *Effective Business Correspondence*, by Alta G. Saunders.

Dodge, Arthur Farwell, Ph.D., Assistant Professor of Industrial Education

ARTICLES:

- Social dominance of clerical workers and sales persons as measured by the Bernreuter personality inventory. *J. Ed. Psych.*, 28:1:71-73. (1000)
Vocational training in penal institutions. *Prison System in Ill.*, pp. 672-74. (1000)

Dolan, Thomas James, M.S., Assistant Professor of Theoretical and Applied Mechanics

REVIEWS:

Two- and three-dimensional cases of stress concentration, and comparison with fatigue tests, by R. E. Peterson, and A. M. Wahl. *J. Applied Mech.*, 3:4:146-47. (1500)

Doland, James Joseph, M.S., C.E., Professor of Civil Engineering

ARTICLES:

Simplified analysis of flow in water distribution systems. *Eng. News-Rec.*, 117:14:475-77. (1000)

Dolch, Edward William, Ph.D., Assistant Professor of Education

ARTICLES:

How much word knowledge do children bring to grade one? *Element. Engl. Rev.*, 13:5:177-83. (2300)

The first step in remedial readings. *Element. Sch. J.*, 37:4:268-72. (2000)

Side lights on a combined word list. *Element. Engl. Rev.*, 14:1:22-24. (750)

Donovick, Samuel Elmar Richard, A.M., Assistant in Bacteriology

ARTICLES:

With T. D. Beckwith:

Increase in production of ethyl alcohol by yeast treated with ultra violet energy. *Proc. Soc. Exp. Biol. Med.*, 35:36-38.

An open system respirometer for study of the gaseous metabolism of microorganisms. *J. Bact.*, Mar., 1937.

Doob, Joseph Leo, Ph.D., Assistant Professor of Mathematics

ARTICLES:

Note on probability. *Ann. Math.*, 37:2:363-67. (2600)

Statistical estimation. *Trans. Amer. Math. Soc.*, 39:3:410-21. (4800)

REVIEWS:

Leçons sur la théorie mathématique de la lutte pour la vie, by V. Volterra. *Bul. Amer. Math. Soc.*, 52:5:304-05. (600)

Dorsey, Maxwell Jay, Ph.D., Professor of Pomology

ARTICLES:

A record of peach seed germination tests. *Proc. Amer. Soc. Hort. Sci.*, 34:257-63. (2500)

New peach varieties. *Amer. Nurseryman*, 65:7-8; *Trans. Ill. Hort. Soc.*, 70:241-47. (2000)

Peach thinning or tree conditioning the crop. *Amer. Fruit Grower*, 56:11. (1500)

Downs, William Benham, D.D.S., M.S., Assistant Professor of Orthodontia

ARTICLES:

A method of exhibiting and shipping models. *Angle Orthodontist*, Apr., 1937.

Draffin, Jasper Owen, M.S., Professor of Theoretical and Applied Mechanics

ARTICLES:

Mechanics of materials. *Handbook of Engineering Fundamentals*, Wiley Handbook Series, Vol. 1, 1936. Sec. 5, pp. 1-59, 81-94.

Non-metallic materials—stone, brick, and terra cotta. *Ibid.*, Sec. 12, pp. 14-20.

Dungan, George Harlan, Ph.D., Professor of Crop Production

ARTICLES:

Hybrid corn: scientific crossing of old varieties produces high yield in test fields. *Armour*, 2:7:10-11. (600)

With J. R. Holbert and A. L. Lang:

Progress in hybrid corn production. *Ill. Farm. Inst.*, reprint, June, 1936, 43 pp. (7700)

With J. R. Holbert, W. J. Mumm, J. H. Bigger, and A. L. Lang:

Illinois corn performance tests: 1935. *Ill. Agr. Exp. Sta. Bul.*, 427, pp. 283-340. (4750)

Illinois corn performance tests: 1936. *Ibid.*, 429, pp. 391-420. (1700)

Dunlap, Glen LeRoy, D.V.M., M.S., Associate in Animal Pathology and Hygiene

See R. Graham.

Dunn, Cecil Gordon, Ph.D., Assistant in Physics

ARTICLES:

A convenient primary winding for magnetic testing of rings in low and intermediate magnetic fields. *Rev. Sci. Inst.*, 7:9:359. (500)

Dunnington, Guy Waldo, A.M., Assistant in German

BOOKS:

Carl Friederich Gauss' inaugural lecture on astronomy and papers on the foundations of mathematics. La. Univ. Press., Baton Rouge, 1937. x + 104 pp.

ARTICLES:

Roosevelt und der neue Kurs in U.S.A. *Göttinger Tageblatt*, June 11, 1936. (700)

Newton and Pope's epitaph. *Scripta Math.*, 4:3:290-91. (600)

Otto Neugebauer and the history of mathematics. *Nat. Math. Mag.*, 11:1:14-23. (3600)

Oslo under the integral sign. *Ibid.*, 11:2:85-94. (4500)

Vigeland's monument to Abel in Oslo. *Ibid.*, 11:3:145-46. (1000)

In memoriam: E. J. B. Goursat. *Ibid.*, 11:4:190. (400)

Johann Friedrich Pfaff. *Ibid.*, 11:6:263-66. (2000)

Wilhelm Pfaff. *Ibid.*, 11:6:267. (450)

B. F. Thibaut (1775-1832), early master of the art of teaching and popularizing mathematics. *Ibid.*, 11:7:318-23. (2700)

REVIEWS:

Anekdoten aus dem Leben deutscher Mathematiker, by J. Mahrenholz. *Ibid.*, 11:1:63. (300)

The study of the history of mathematics, by G. Sarton. *Ibid.*, 11:4:204-05. (400)

Johannes Kepler als Mathematiker, by F. Kubach. *Ibid.*, 11:5:247. (350)

Die Sphärik von Menelaos aus Alexandrien in der Verbesserung von Abu Nasr Mansur b. 'Ali b. 'Ira'q, mit Untersuchungen zur Geschichte des Textes bei den islamischen Mathematikern, by M. Krause. *Ibid.*, 11:7:341-42. (450)

Gervinus und die Anfänge der politischen Literaturgeschichtsschreibung in Deutschland, by R. Unger. *Monats. f. deutschen Unterricht*, 28:7:320-21. (800)

Die Anfänge der Königlichen Societät der Wissenschaften zu Göttingen, by J. Joachim. *Ibid.*, 28:7:321-22. (600)

Dyas, Frederick George, M.D., Professor of Surgery

ARTICLES:

With L. J. Aries:

Fixation of fractures of neck of femur by introduction of Kirschner wires. *Surg. Gyn. Obstet.*, 63:499-503. (500)

Dyniewicz, Josephine Marion, Ph.G., Ph.C., Instructor in Pharmacology, Materia Medica, and Therapeutics

See B. Fantus.

Elhardt, Walter Philipp, Ph.D., Instructor in Physiology

ARTICLES:

Pain and weather. *J. Lab. Clin. Med.*, 21:12:1427.

Emch, Arnold, Ph.D., Professor of Mathematics

ARTICLES:

On certain configurations of points in space and linear systems of surfaces with these as base points. *Bul. Amer. Math. Soc.*, 43:261-65. (2000)

On the construction of symmetric ruled surfaces. *Amer. J. Math.*, 59:365-70. (2400)

Rejected papers of three famous mathematicians. *Nat. Math. Mag.*, 11:1-4. (1500)

Über eine bemerkenswerte Klasse von Hyperflächen. *Commentari Math. Helvetici*, 9:42-50. (3000)

REVIEWS:

Einführung in die Liniengeometrie und Kinematik, by E. A. Weiss. *Bul. Amer. Math. Soc.*, 42:618. (250)

Die pseudosphäre und die nichteuklidische geometrie, by F. Schilling. *Ibid.*, 42:619. (200)

Lezioni sulla teoria geometrica delle equazioni e delle funzioni algebriche, by F. Enriques and O. Chisini. *Ibid.*, 41:614. (350)

Englis, Duane Taylor, Ph.D., Associate Professor of Chemistry

ARTICLES:

With W. J. Shannon:

Cleaning of whole kernel corn. A comparison of blower cleaned and flotation washed corn. *Canner*, 82:23:14-16. (2000)

With R. A. Stegeman:

Observations on the determination of cuprous oxide as applied to sugar analysis. *J. Assoc. Official Agr. Chem.*, 19:480-89. (4000)

See also V. G. Milum.

Erickson, Edgar L., Ph.D., Associate in History

ARTICLES:

The European adventure of an eighteenth century American. *Penn. Hist.*, 3:4:259-66. (4000)

REVIEWS:

The Civil War letters of Colonel Hans Christian Heg, edited by T. C. Blegen. *Miss. Valley Hist. Rev.*, Sept., 1936. (400)

Evans, Henry Pritchard, Jr., M.S., Associate in Civil Engineering

ARTICLES:

With Wing and Bradley:

Tunnel and Penstock tests, Chelan Station, Washington. *Trans. A.S.C.E.*, 101:1652:1428-35. (4000)

REVIEWS:

New-method estimators handbook, by Alm-gren and Wurum. *West. Soc. Eng. Bul.*, 8:2:4. (150)

Ewing, Paul Leon, M.S., Assistant Professor of Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

With H. Scgenreich:

A study of decamethylenediguanidine bitartrate (Anticomman). *J. Lab. Clin. Med.*, 22:180-83. (1400)

Fahnestock, Maurice Kendall, M.S., Research Assistant Professor of Mechanical Engineering

ARTICLES:

What's what in air conditioning. *Coal-Heat.*, 29:8:8-12. (3400)

Research in summer cooling at the University of Illinois. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 123-54. (10,000)

See also A. P. Kratz and W. H. Severns.

REVIEWS:

Modern air conditioning: what it means to the water utility, by L. L. Lewis and L. H. Polderman. *Amer. Water Works J.*, 28:9:1195-96. (600)

Fairbanks, Berthier Wesley, Ph.D., Special Research Assistant in Animal Nutrition

See H. H. Mitchell.

Fairlie, John Archibald, Ph.D., Professor of Political Science

ARTICLES:

The legislature and the administration II. *Amer. Pol. Sci. Rev.*, 30:494. (5000)

The London passenger transport board. *Nat. Munic. Rev.*, 26:23. (3500)

The doctrine of stare decisis in British courts of last resort. *Mich. Law Rev.*, 35:946. (7000)

REVIEWS:

Cabinet government, by W. I. Jennings. *Amer. Pol. Sci. Rev.*, 31:330. (800)

The king and the imperial crown, by A. B. Keith. *Ibid.*

Fantus, Bernard, M.S., M.D., Professor of Therapeutics

BOOKS:

Year book on general therapeutics. Year Book Pub., Chicago, 1936. 460 pp.

ARTICLES:

Therapy of the Cook County Hospital: therapy of nontuberculous lung abscess. *J.A.M.A.*, 106:1728-31. (2900)

Fluid posoperatively; statistical study. *Ibid.*, 107:14-17. (2800)

The pharmacopoeia and the physician: the choice of ointment vehicles in dermatology. *Ibid.*, 107:861-63. (2500)

With T. Cornbleet:

Therapy of the Cook County Hospital: the therapy of itching (pruritus). *Ibid.*, 106:2144-48. (4000)

With S. H. Kraines:

Therapy of the Cook County Hospital: the therapy of psychoneuroses. *Ibid.*, 107:579-84. (5200)

With Feinberg:

Therapy of the Cook County Hospital: the therapy of (horse) serum reactions. *Ibid.*, 107:1717-19. (2200)

FANTUS, BERNARD—Articles (continued)

With J. M. Dyniewicz:

Phenolphthalein administration to nursing women. *Amer. J. Dig. Dis. Nutr.*, 3:3: 184-85. (1100)

Phenolphthalein studies: III. Phenolphthalein and activated charcoal. *Ibid.*, 3:5:337-41. (2300)

Phenolphthalein studies: phenolphthalein solubilities. *Ibid.*, 3:8:573-77. (3000)

Phenolphthalein studies: a thousand doses of phenolphthalein: urinalyses. *J.A.M.A.*, 108:439-43. (5800)

Phenolphthalein studies. *J.A.Ph.A.*, 26:236-39. (2000)

With H. A. Dyniewicz:

The vehicle value of cherry syrup. *Ibid.*, 25:8:701-05. (1700)

Barbiturate vehicles. *Ibid.*, 25:11:993-94. (800)

With O. U. Sisson:

Syrup of ammonium mandelate. *Ibid.*, 25: 12:1138-39. (650)

Farnham, Cecil Hodgson, B.S., First Assistant in Soil Experiment Fields

See F. C. Bauer.

Faucett, Max Albert, M.S., E.E., Assistant Professor of Electrical Engineering

See J. O. Kraehenbuehl.

Faye, Christopher Urdahl, A.M., M.S., Cataloger in the Library

Books:

Evangelisk luthersk folke-kalender for 1937. (Redigert af N. A. Madson). Den Norske synode af den Amerikanske Evangelisk Lutherske Kirke, Minneapolis, 1936. 72 pp.

ARTICLES:

Interessant gruppe ved statens 'U', "Heimskringla." *Skandinaven*, 71:11:1. (800)

With W. Pennington-Bickford:

The "Greate new bell" of St. Clement's. *The Anchor*, 1:2:33-34. (500)

REVIEWS:

The Catholic encyclopedia, Vol. I, rev. ed., 1936. *Library Qt.*, 8:2:283-86. (1400)

Fessler, William Alfred, Ph.D., Fellow in Organic Chemistry

See R. L. Shriner.

Fett, Gilbert Howard, M.S., Instructor in Electrical Engineering

ARTICLES:

Short time spark over gaps. *Elec. Eng.*, 56: 498. (1000)

Filbey, Edward Joseph, Ph.D., C.P.A., Professor of Accountancy

Books:

Income tax problems and solutions (rev. ed.). Univ. of Ill., Urbana. 1936. 60 pp.

Fisher, C. Virginia, Ph.D., Associate in Bacteriology and Public Health

See L. Arnold.

Flint, Wesley Pillsbury, B.S., Chief Entomologist

ARTICLES:

Three years' tests with fixed nicotines. *Trans. Ill. Hort. Soc.*, Mar. 1, 1937, pp. 438-44. (3500)

The Illinois insect hazard for 1937. *Great Lakes Banker*, 18:7:3-4. (3000)

Articles (continued)

More about keeping dairy plants free of insect pests. *Milk Plant Mo.*, 26:5:50. (300)

Controlling common insects. *Strawberry Culture in Illinois*, by A. S. Colby, Ill. Agr. Exp. Sta. Circ., 453. pp. 46-51. (2600)

With H. W. Anderson:

Directions for spraying fruits in Illinois (revised). *Ibid.*, 447, pp. 1-25. (15,000)

With W. E. McCauley:

Ants, how to combat them. *Ibid.*, 456, pp. 1-7. (3500)

With J. H. Bigger and M. D. Farrar:

Fighting grasshoppers on Illinois farms. *Ibid.*, 466, pp. 1-11. (6000)

With S. C. Chandler:

Results of orchard insect control experiments for 1936. *Trans. Ill. Hort. Soc.*, Mar. 1, 1937, pp. 274-79. (3000)

With C. W. Kearns:

Contact insecticidal properties of various derivatives of cyclohexylamine. *J. Econ. Entom.*, 30:1:158-66. (5000)

Flom, George Tobias, Ph.D., Professor of Scandinavian Languages and English Philology

Books:

The Old Norwegian general law of the Gulathing. *Ill. Studies Lang. Lit.*, Vol. 20, Nos. 3-4. Univ. of Ill. Press, Urbana, 1937. 204 pp.

Old English grammar (3d ed.). D. C. Heath and Co., Boston. xiv + 423 pp.

ARTICLES:

On the place-names at Aurland Parish in Sogn, Norway. *Saga-Book of the Viking Society for Northern Research*. Vol. 11, Part 3. London, 1936. pp. 260-81. (9000)

"Breaking" in Old Norse and Old English with special reference to the relations between them. *Lang. J. Ling. Soc. Amer.*, 13:2:123-36. (7500)

REVIEWS:

Geschichte de unbestimmten Artikels im Alt- und Frühmittelenglischen, by P. Susskind. *J. Engl. Germ. Philol.*, 35:602-05. (1500)

Aus der Thidrekssaga, Wieland der Schmied, herausgegeben von H. Reuschel. *Ibid.*, 35:612-13. (500)

Flynn, Charles Everette, B.S., Assistant in Journalism

ARTICLES:

Town talk. Column appearing three times a week in the *Daily News*, Du Quoin, Ill. (80,000)

I.C.P.A. news-letter. *Bul. Ser. Ill. Coll. Press Assoc.*, 15:1:1-3; 15:2:1-3. (1600)

Foster, William Arthur, B.S., B.Arch., A.E., A.I.A., Associate Professor of Rural Architecture

ARTICLES:

With D. E. Lindstrom and M. G. Fuller:

Rural community buildings. *Ill. Agr. Exp. Sta. Circ.*, 470, pp. 3-58. (8400)

Fox, Noah, B.S., M.D., Associate in Laryngology, Rhinology, and Otology

ARTICLES:

Heating pad for the head and adnexa. *Arch. Otol.*, 25:212. (200)

With J. W. Harned:

Treatment of asthmatic patients in otolaryngologic practice. *Ibid.*, 25:393-404. (5000)

FOX, NOAH—Articles (continued)

Use of extract of nasal mucosa in treatment of acute and chronic rhinosinusitis. *Ibid.*, 24:89-91. (1000)

Fraser, Wilber John, M.S., Professor of Dairy Farming, *Emcritus*

ARTICLES:

William Dempster Hoard, the man. *Hoard's Dairyman*, 81:19:491. (1600)
Think through the fundamentals before starting into dairy farming. *Ibid.*, 82:4:104. (1500)
Thinking things through financially. *Ibid.*, 82:5:141. (1700)
Thirty years of dairying. *Pure Milk*, 9:10:3. (2400)
The blue grass bubble. *Farm J.*, 61:3:18. (1200)
Alfalfa pastures bridge the dry season. *Successful Farm.*, 35:3:22. (1200)

Fuller, Harry James, Ph.D., Associate in Botany

BOOKS:

A laboratory manual for agricultural botany (revised). Univ. of Ill. Info. Office, mimeo., 1937. 20 pp.

Fuller, Max Golden, B.F.A., Extension Specialist in Landscape Gardening

See *W. A. Foster*.

Fuson, Reynold Clayton, Ph.D., Professor of Organic Chemistry

BOOKS:

With *L. F. Fieser and others*:

Organic syntheses, Vol. 17. John Wiley and Sons, N.Y., 1937. v + 112 pp.

ARTICLES:

With *H. H. Weinstock, Jr.*:

Mesityl phenyl diketone. *J.A.C.S.*, 58:1233-36. (2600)

The interconversion of mixed benzoin. *Ibid.*, 58:1986-88. (2100)

With *R. T. Arnold*:

A new synthesis of mixed benzoin. *Ibid.*, 58:1295-96. (900)

With *L. L. Alexander*:

The reversibility of the Friedel-Crafts reaction. Hydrogenation. *Ibid.*, 58:1745-47. (1700)

With *R. E. Christ*:

The condensation of β -cyclocitral with dimethylacrolein. *Science*, 84:294-95. (75)

With *L. L. Alexander and others*:

The addition of benzene to benzalquinaldines and benzalaldehydes. *J.A.C.S.*, 1979-80. (1100)

With *S. H. Babcock, Jr.*:

The rearrangement of 1-phenyl-5-benzoylcyclopentene oxide. *Ibid.*, 58:2325-26. (1300)

With *R. E. Christ and G. M. Whitman*:

The condensation of propenyl ketones with ethyl oxalate. *Ibid.*, 58:2450-52. (2100)

With *A. Lippert and others*:

A cyclopentane derivative from 1, 4-dibromo-1,4-dibenzoylbutane. *Ibid.*, 59:2633-34. (1000)

With *H. H. Hully and F. H. Brock*:

Dihydro-1,4-pyrans. V. The structure of the 3-cyano derivatives. *Ibid.*, 59:2634-35. (1200)

Gant, Virgil Arnett, M.S., Assistant in Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

With *H. D. Shaw*:

Odor concentration in air-conditioned structures. *Ind. Eng. Chem.*, 9:16-18. (2800)

Garner, James Wilford, Ph.D., LL.D., Dr. Juris., Litt.D., Professor of Political Science and Head of the Department

ARTICLES:

Non-extradition of American citizens. *Amer. J. Internat. Law*, 30:480-86. (3400)

Non-recognition of illegal territorial annexations and claims to sovereignty. *Ibid.*, 679-88. (4500)

Questions of international law in the Spanish Civil War. *Ibid.*, 31:66-73. (4000)

Executive discretion in the conduct of foreign relations. *Ibid.*, 31:289-93. (2200)

Recent neutrality legislation of the United States. *Brit. Yr. Bk. Internat. Law*, 17:45-53. (3500)

The U.S.A. and Soviet Russia—a protest. *Ibid.*, 17:184-86. (850)

W. W. Willoughby, an evaluation of his contributions to political science. Chapter in *Essays in Political Science, in Honor of W. W. Willoughby*, by Mathews and Hart, Johns Hopkins Univ. Press, 1937, pp. 3-31. (7500)

REVIEWS:

Neutrality—The Napoleonic Period, by W. A. Phillips and A. H. Reede; The World War Period, by E. G. Turlington; Today and Tomorrow, by P. C. Jessup. *Amer. J. Internat. Law*, 30:552-58. (3000)

Académie de droit international, recueil de cours, 4 vols. *Ibid.*, 31:172-78. (2800)

American diplomatic and consular service, by G. H. Stewart. *Amer. Pol. Sci. Rev.*, 30:770-71. (450)

The League of Nations and the rule of law, 1918-1935, by A. Zimmern. *Ibid.*, 30:992-94. (650)

The law and procedure of international tribunals (supplement) by J. H. Ralston. *Amer. Bar Assoc. J.*, 23:56. (360)

L'Exécution des sentences internationales, by E. Hambro. *Ibid.*, 23:211. (500)

Annual digest of public international law cases during 1929-1930, by H. Lauterpacht. *Ibid.*, 23:135-36. (275)

Garnett, Emily Owen, A.B., B.S., Reference Assistant in the Library

ARTICLES:

Reference service by telephone. *Library J.*, 61:21:909-11. (1800)

Gasul, Benjamin Morris, B.S., M.D., Associate in Pediatrics

ARTICLES:

Acute epidural spinal abscess—a clinical entity. *Arch. Neurol. Psychiat.*, Oct., 1936, p. 866.

Gathercoal, Edmund Norris, Ph.G., Pharm.M., Professor of Pharmacognosy

BOOKS:

With *Esther Meyer*:

Laboratory exercises for the course in bacteriology. Samuelson Duplicating Co., Chicago, 1937. 47 pp.

With *E. H. Wirth*:

Pharmacognosy. Lea and Febiger, Phila., 1936. 808 pp.

ARTICLES:

Research activities in connection with the revision of the U.S. Pharmacopoeia and the National Formulary. *J.A.P.H.A.*, 25:11:1028-36. (6000)

GATHERCOAL, E. N.—Articles (continued)

Report on the National Formulary. *Ibid.*, 25: 12:1168-72. (2800)

With R. K. Snyder:

Methods used in the determination of the alkalinity imparted to water by ampul glass. *Ibid.*, 26:4:321-28. (3700)

With E. G. King and R. E. Terry:

The preparation of stable ephedrine sprays. *Amer. Drug.*, Dec., 1936, pp. 44-45. (1100)

Geissendoerfer, John Theodore, Ph.D., Assistant Professor of German

Books:

With J. W. Kurtz:

Deutsche Meisternovellen. Prentice-Hall, N.Y., 1936. 336 pp.

Reviews:

Klassik und Romantik der Deutschen, I, Die Grundlagen der Klassisch-romantischen Literatur, by Franz Schultz. *Germ. Rev.*, 12:133-34. (465)

Gellhorn, Ernst, M.D., Ph.D., Professor of Physiology

Books:

With Jean Requier:

La perméabilité en physiologie et en pathologie générale. Masson et Cie, Paris, 1936. 928 pp.

Articles:

The effect of O₂-lack, variations in the CO₂-content of the inspired air, and hyperpnea on visual intensity discrimination. *Amer. J. Physiol.*, 115:3:679-84. (1700)

The effectiveness of carbon dioxide in combating the changes in visual intensity discrimination produced by oxygen deficiency. *Ibid.*, 117:1:75-78. (1100)

The relationship between physiologic and psychic reactions. *Illini Scope*, 6:3:1-2. (1000)

With J. O. Dunn:

The influence of lack of vitamin A in the diet on the phagocytosis promoting properties of the blood serum. *J. Nutr.*, 13:3: 317-28. (3400)

With A. Janus:

The influence of partial pressure of O₂ on body temperature. *Amer. J. Physiol.*, 116: 2:327-29. (900)

With A. Joslyn:

The influence of oxygen want, hyperpnea, and carbon dioxide excess on psychic processes. *J. Psych.*, 3:161-68. (2400)

With E. H. Lambert:

Influence of carbon dioxide upon blood pressure reaction to oxygen deficiency. *Proc. Soc. Exp. Biol. Med.*, 36:169-71. (700)

With L. F. Moldavsky:

On the relation between hypoglycemia and anoxemia. *Ibid.*, 36:92-94. (600)

Gernon, John Talbot, B.S., M.D., Associate in Urology

Articles:

With E. Palmer and C. M. McKenna:

Some recent developments in the treatment of neurogenic dysfunction of the bladder: based on cystometry. *J. Urol.*, 35:5:515-19. (1500)

Gibbons, John Joseph, Jr., Ph.D., Instructor in Physics

Articles:

With J. H. Bartlett and R. E. Watson:

The magnetic moment of the Li⁷ Nucleus, II. *Phys. Rev.*, 50:315.

Gieseeking, John Eldon, Ph.D., Associate in Soil Physics and Soil Survey

Articles:

With H. Jenny:

Behavior of polyvalent cations in base exchange. *Soil Sci.*, 42:4:273-80. (2400)

See also H. J. Snider.

Glavis, Frank Johnson, A.B., Fellow in Chemistry

See C. S. Marvel.

Goble, George Washington, A.B., LL.B., Professor of Law

Articles:

Life of Pinkney Walker. *Dict. Amer. Biog.*, 19:352-53. (700)

Life of Bushrod Washington. *Ibid.*, 19: 508-09. (1200)

Life of William Wilson. *Ibid.*, 20:347-48. (1000)

Life of William Allen Woods. *Ibid.*, 20: 504-05. (900)

Life of Sigmund Zeisler. *Ibid.*, 20:648. (700)

The moral hazard clauses of the standard fire insurance policy. *Columbia Law Rev.*, 37:410-28; *J. Amer. Assoc. Univ. Teachers Ins.*, 4:37-54; *Current Legal Thought*, 3: 591-98. (9000)

Trends in theory of contracts in the United States. *Tulane Law Rev.*, 11:412-24. (5500)

Gotshalk, Dilman Walter, Ph.D., Associate Professor of Philosophy

Articles:

Beauty and value: a summary. *Scientia*, 60: 8:118. (350)

Gowen, G. Howard, M.D., M.S., Instructor in Public Health

Articles:

Correlation of the bacteriological and clinical course in phage therapy of chronic furunculosis of the face. *Ill. Med. J.*, July, 1936. (2100)

The rate of disappearance of bacteria from the skin of the normal eyelids and the normal conjunctiva. *Ibid.*, Mar., 1937. (2000)

A practical method of measuring and recording skin test reactions. *J. Lab. Clin. Med.*, 22:187-90. (850)

The periodicity of poliomyelitis. *Ill. Health Mess.*, Apr. 15, 1937. (700)

See also A. J. Nedzel.

Graham, Robert, B.S., D.V.M., Professor of Animal Pathology and Hygiene

Articles:

Salmonella isolated from baby quail. *J. Amer. Vet. Med. Assoc.*, 88:763-64. (400)

A note on the influence of culture media on the isolation of Pasteurella from equine cerebral tissue of artificially inoculated horses. *Ibid.*, 89:59-64. (1500)

With J. P. Torrey:

A survey of the incidence of Brucella in pasteurized and unpasteurized market milk in Illinois. *Ibid.*, 41:614-23. (1600)

With Viola M. Michael:

Studies on incubator hygiene, VI. Note on the resistance of *S. pullorum* on sterilized and unsterilized egg shells. *Poultry Sci.*, 85:490-91. (500)

Studies on incubator hygiene, VII. Results of fumigation of *S. pullorum* in incubators at full capacity. *Ibid.*, 85:492-93. (500)

Studies on incubator hygiene, VIII. The resistance of *S. aertrycke*, *S. anatium*, and *Salmonella* from quail to formaldehyde fumigation. *Ibid.*, 85:494-95. (500)

GRAHAM, ROBERT—Articles (continued)

With C. A. Brandy:

Pathogenicity and virulence of certain bacteria. *Science*, 84:415. (600)

With Barbara Harris:

Studies on so-called cornstalk disease in horses, IV. Toxic encephalitis or non-virus encephalitis. *Vet. Med.*, 31:340-46. (2000)

With G. L. Dunlap:

Swine erysipelas. *Ill. Agr. Exp. Sta. Circ.*, 471. 13 pp. (2700)

With C. A. Brandy and Viola M. Michael:

Leucemia of fowls. *Ibid.*, 467. 14 pp. (2300)

With J. P. Torrey, J. D. Mizelle, and Viola M. Michael:

Internal parasites of poultry. *Ibid.*, 469. 50 pp. (10,000)

Graham, Walter James, Ph.D., Professor of English

ARTICLES:

Thomas Baker, Mrs. Manley, and the *Female Tatler*. *Mod. Philol.*, 34:267-72. (2200)

With C. W. Roberts and C. F. Harrold:

The romantic movement: a current selective and critical bibliography for 1936. *Engl. Lit. Hist.*, 4:1-40.

"Rime et prose." *Times Lit. Sup.*, Oct. 10, 1936, p. 815. (200)

Gray, Horace Montgomery, Ph.D., Associate Professor of Economics

ARTICLES:

Recent changes in the public control of electric rates. *J. Bus.*, 17:5:7-10. (3000)

REVIEWS:

The Gas Light Company of Baltimore, by G. T. Brown. *Amer. Econ. Rev.*, 26:3:535. (300)

Public utility regulation and the so-called sliding scale, by I. Bussing. *Ibid.*, 26:4:774-75. (500)

Public utility industries, by G. L. Wilson, J. M. Herring, and R. B. Entler. *Ibid.*, 27:1:166-67. (500)

Green, George Kenneth, Ph.D., Instructor in Physics

See P. G. Kruger.

Green, John William, M.S., Associate in Agricultural Economics

ARTICLES:

Analysis of farm management instruction in Illinois high schools and course outline suggestions. Dept. Agr. Econ., mimeo., 13 pp. (6500)

Griffith, Coleman Roberts, Ph.D., Professor of Education, and Director of the Bureau of Institutional Research

Books:

With C. E. Skinner and others:

Readings in educational psychology. Farrar and Rhinehart, N.Y., 1937. x + 630 pp.

Gullette, Cameron Charles, B.Mus., Ph.D., Assistant Professor of Romance Languages

Books:

With O. K. Lundberg:

Le roi des montagnes. Harpers, N.Y., 1936. xiii + 187 pp.

ARTICLES:

Quatrelles, a humorist among the naturalists. *French Rev.*, 10:5:386-97. (4400)

The Illinois Modern Language Association, a report. *Mod. Lang. J.*, 21:4:289-90. (450)

Articles (continued)

Conference on the curriculum, a report. *Ibid.*, 21:2:123-24; *French Rev.*, 10:2:167-68. (450)

Hackett, Robert Phillip, Ph.D., Assistant Professor of Accountancy

ARTICLES:

Property accounts for municipalities. *Acct. Rev.*, 12:1:64-68. (3300)

REVIEWS:

Municipal accounting statements. National Committee on Municipal Accounting. *Ibid.*, 11:4:392-93. (800)

Accounting—elementary theory and practice, by R. N. Owens and D. Kennedy. *Ibid.*, 11:3:299-301. (2600)

Hall, Benjamin Vincent, Ph.D., Associate in Zoology

Books:

See L. J. Thomas.

ARTICLES:

With F. A. Brown, Jr.:

The directive influence of light upon *Drosophila melanogaster* Meig and some of its eye mutants. *J. Exp. Zool.*, 74:2:205-20. (5000)

Hall, Stanley William, B.S., Associate Professor of Floriculture

ARTICLES:

Prof. Dorner awarded gold medal of honor. *Ill. Agr.*, 49:6:87. (220)

Illinois floricultural students win again. *Ibid.*, 49:6:89. (400)

Illinois florists hold annual meeting during short course. *Flor. Rev.*, 79:2050:32.

Concentrated course in florists' work at University of Illinois. *Ibid.*, 79:2050:33-37.

Heating system efficiency. *Ibid.*, 79:2050:94.

Progress in bulb growing. *Ibid.*, 79:2050:38.

Retailers demonstration. *Ibid.*, 79:2051:31.

Hamilton, Tom Sherman, Ph.D., Assistant Professor of Animal Nutrition

See H. H. Mitchell.

Hansen, Marcus Lee, Ph.D., Professor of History

ARTICLES:

Immigration and Puritanism. *Norweg.-Amer. Studies Rec.*, 9:1-28. (8000)

REVIEWS:

Laur. Larsen: pioneer college president, by Karen Larsen. *Miss. Vall. Hist. Rev.*, 23:4:605. (350)

Hark, Frederick William, M.S., M.D., Assistant Professor of Orthopaedics

See H. B. Thomas.

Harno, Albert James, LL.B., LL.D., Professor of Law, Dean of the College of Law, and Provost

ARTICLES:

Rationale of a criminal code. *Penn. Law Rev.*, 85:6:549-63. (7000)

Changing emphasis in the profession. *Reporter*, 21:3:7-9. (1500)

REVIEWS:

Criminal actions in the common pleas courts of Ohio, by C. E. Gehlke. *Amer. Bar Assoc. J.*, 22:11:814-15. (900)

Cases on criminal law and procedure (3d ed.), by W. E. Mikell. *Columbia Law Rev.*, 36:7:1189-90. (500)

HARNO, ALBERT JAMES—Reviews (*continued*)

Local democracy and crime control, by A. C. Millsbaugh. *Ill. Law Rev.*, 31:3:424-26. (1000)

How to conduct a criminal case (3d ed.), by W. H. Black. *Penn. Law Rev.*, 85:5:544. (400)

Hartung, Adolph, M.D., Professor of Roentgenology

ARTICLES:

With T. J. Wachowski:

Irradiation therapy of intracranial neoplasms. *Ill. Med. J.*, Oct., 1936. (350)

Hassin, George Boris, M.D., Professor of Neuropsychiatry

ARTICLES:

Amaurotic family idiocy and Schilder's disease. Chapters 9 and 10, Vol. 4, Brennemann's *Practice of Pediatrics*. W. F. Pryor Co., Hagerstown, Md., 1937.

Reacting cells in the brain in the presence of a foreign body. *Arch. Neurol. Psychiat.*, 36:2:231-47. (5500)

REVIEWS:

Osnovy morfologii nervnoy sistemy v normalnom i patologicheskom sostoyaniyakh, Vol. I, by L. Smirnov. *J.A.M.A.*, 107:26:2155-56. (550)

Plexos coroides de los ventriculos laterales, by E. Andia. *Arch. Neurol. Psychiat.*, 37:3:710. (165)

Pathology of the nervous system, by J. H. Biggart. *Ibid.*, 37:3:709. (150)

Syndrome of the craniospinal tumor: symptomatology, pathology and treatment, by Bogorodinsky. *Ibid.*, 37:4:980. (400)

Juvenile paresis, by W. Menninger. *Arch. Pathol.*, 23:4:613. (200)

Hay, Ralph Carroll, B.S., Extension Specialist in Agricultural Engineering

See E. W. Lehmann.

Hayes, William Patrick, Ph.D., Associate Professor of Entomology

ARTICLES:

Structural differences in the greater and lesser wax moths. *J. Econ. Entom.*, 29:6:1055-58. (1200). *Gleanings in Bee Culture*, 64:8:465-66. (800)

With W. S. Wormser:

The permanent preservation of insects. *Bul. Brook. Entom. Soc.*, 31:3:111-28. (5100)

REVIEWS:

General entomology, by R. A. Wardle. *J. Econ. Entom.*, 29:4:809. (200)

Hazlett, William Henry, M.D., Assistant Professor of Surgery

BOOKS:

Interne's manual. St. Luke's Hospital, mimeo., Chicago, 1937. 85 pp.

ARTICLES:

Pseudohermaphroditism. *Clin. Bul. St. Luke's Hosp.*, Vol. 1. (2000)

Helbing, Albert Theodore, Ph.D., Associate in Economics

REVIEWS:

Wage earners meet the depression, by R. A. Allen and S. B. Barton. *Amer. Econ. Rev.*, 26:3. (400)

L'évolution du syndicalisme aux États-Unis de Washington à Roosevelt, by R. Marjolin. *Ibid.*, 27:1. (300)

The journeymen barbers' international union of America, by W. S. Hall. *Johns Hopkins Alumni Mag.*, 25:3. (700)

Herrington, Wilson Andrew, B.S., Associate in Farm Management

See M. L. Mosher.

Herrold, Russell Dorr, B.S., M.D., Associate Professor of Urology

ARTICLES:

Altered environmental gonococcal forms and the probable mechanism of cure in gonorrhea. *Amer. J. Syph. Gonorrhea, Venereal Dis.*, 20:6:614-22. (3400)

Hess, Julius Hayes, M.D., Professor of Pediatrics, and Head of the Department

ARTICLES:

Premature infants. Chapter in Brennemann's *Practice of Pediatrics*. W. F. Pryor Co., Hagerstown, Md., 1936.

Chicago city-wide plan for the care of premature infants. *J.A.M.A.*, 107:400-04.

With R. H. Kunstadter and W. Saphir:

Urinary excretion of gonadotropic hormone in cryptorchidism. *Ibid.*, 108:352-54.

Higgins, John A., D.D.S., Instructor in Pharmacology, Materia Medica, and Therapeutics
See W. J. R. Camp.

Higginson, Glenn D., Ph.D., Associate Professor of Psychology

BOOKS:

Guide for psychology. The Macmillan Co., N.Y., 1937. 98 pp.

Manual of experimental psychology. McKnight and McKnight, Bloomington, 1936. 307 pp.

Instructor's manual for psychology. The Macmillan Co., N.Y., 1937. 88 pp.

Exercises in general psychology. McKnight and McKnight, Bloomington, 1936. 129 pp.

ARTICLES:

An examination of some phases of space perception. *Psych. Rev.*, 44:1:77-96. (7200)

Maze learning with knowledge of pattern similarity. *J. Exp. Psych.*, 20:3:223-43. (7500)

Hill, Roscoe Earle, M.S., Assistant in Zoology

ARTICLES:

A new bee of the genus *Coelioxys* from Nebraska (Hymenopt.: Megachilidae). *Entom. News*, 47:205-08. (1400)

Hindsley, Mark Hubert, A.M., Associate in Music and Assistant Director of Military Bands

ARTICLES:

Apply foresight for results. *Educ. Mus. Mag.*, 16:4:15. (1200)

Football and the marching band. *New-Mus. Guide*, Jan., 1937, p. 52. (1500)

Hoelscher, Randolph Philip, M.S., C.E., Professor of General Engineering Drawing

BOOKS:

A guide to the study of engineering drawing. John Wiley and Sons, N.Y., 22 pp.

Hoffman, Samuel Julian, B.S., M.D., Associate in Pediatrics

ARTICLES:

With H. Rattner:

Infantile eczema from cod liver oil. *J.A.M.A.*, 107:494. (600)

Hollender, Abraham Risel, M.D., Associate in Laryngology, Rhinology, and Otology

BOOKS:

Physical therapeutic methods in otolaryngology. C. V. Mosby Co., St. Louis, 1937. 422 pp.

HOLLENDER, ABRAHAM RISEL (*continued*)

ARTICLES:

Some otolaryngologic problems of the general practitioner. *Eye, Ear, Nose, Throat Mo.*, 15:151-53.

Vasomotor rhinitis: evaluation of therapeutic procedures with special reference to ionization. *Ibid.*, 15:337-40.

Changing trends in otolaryngologic therapy. *Ibid.*, 16:81-83.

Holt, Harold Wright, A.B., LL.B., S.J.D., Professor of Law

ARTICLES:

The federal interpleader act and conflict of laws in garnishment. *Univ. Chicago Law Rev.*, 4:403-29. (11,000)

Hood, Marion, Ph.D., Associate in Medicine
See L. Arnold.

Hoover, William Farrin, A.M., Assistant in Geology

ARTICLES:

Petrography and distribution of a highly weathered drift in the Kansas River Valley. *J. Sedimentary Petrol.*, 6:3:143-53.

Laboratory method for demonstration of igneous rock textures. *Science*, 85:2208:411-12.

Hopkins, B. Smith, Ph.D., D.Sc., Professor of Inorganic Chemistry

ARTICLES:

Recent developments in the chemistry of the rare earth group. *J. Chem. Educ.*, 13:363-68. (5500)

With W. A. Taebel:

The rare earths as catalysts. *Proc. Electro-Chem. Soc.*, preprint 71-6. April 28, 1937, pp. 45-51. (2500)

REVIEWS:

Salts and their reactions (6th ed.), by L. Dobbin, and J. E. Mackenzie. *J. Chem. Educ.*, 13:448. (500)

Hostetter, Marie Miller, A.B., B.L.S., Assistant Professor of Library Science

ARTICLES:

Integration and library instruction. *Bul. Amer. Lib. Assoc.*, 30:8:770-74. (2600)

Howe, John Stewart, A.B., M.D., Associate in Pathology

ARTICLES:

The variability of the tuberculin reaction. *Proc. Inst. Med. Chicago*, 11:14:296. (300)

Huegy, Harvey Wilborn, Ph.D., Assistant Professor of Business Organization and Operation

ARTICLES:

Credit management needs a goal. *Credit and Financial Management*, 38:10:8-10. 36-37. (3200)

Tests of credit management. *Ibid.*, 38:11:6-8. (2800)

Huelsen, Walter A., M.S., Associate Professor of Olericulture

ARTICLES:

An analysis of different types of cannery contracts and the relation of maturity to yields and quality. *Ill. Agr. Exp. Sta. Circ.*, 472. (7500)

With W. H. Michaels:

The yield complex of sweet corn. Part I: effect of advancing maturity. Part II:

Articles (*continued*)

relations between yield components. *Ill. Agr. Exp. Sta. Bul.*, 432, pp. 505-608. (50,000)

Hunter, Merlin Harold, Ph.D., Professor of Economics

ARTICLES:

Social and economic implications of our public finances. *Tax Mag.*, 14:7:409-12. (4500)

Taxation and business. *Proc. 3 Short Course in Coal Utilization*, 93-100. (4000)

Taxation and business. *Coal Heat*, 30:2:22-26. (4000)

State finance. *Amer. Yr. Bk.*, 1937, pp. 223-29. (4500)

Taxation of corporate surplus. *Proc. Nat. Tax Assoc.*, 1936, pp. 233-43. (4500)

REVIEWS:

Public finance, by A. G. Buehler. *J. Farm Econ.*, 18:4:784. (300)

Public finance, by H. L. Lutz. *Acct. Rev.*, 11:3:299. (250)

Huntington, Whitney Clark, M.S., C.E., Professor of Civil Engineering and Head of the Department

ARTICLES:

Structural engineering. *Amer. Yr. Bk.*, 1936, pp. 626-36. (7000)

Dams. *Nelson's Encyc.*, 1936, pp. 535B-D, 536A-B. (7000)

Bridges. *Ibid.*, pp. 287-91, 291A-J, 292-96. (16,000)

Hutchinson, James, Associate in Floriculture

ARTICLES:

Pruning ornamental shrubs. Dept. Flor. Pamphlet, 3, 1936.

Hyneman, Charles S., Ph.D., Assistant Professor of Political Science

BOOKS:

The constitution and the judicial process: a collection of materials. Univ. of Ill. Info. Office, mimeo., 1936. 291 pp.

ARTICLES:

Administrative adjudication: an analysis. *Pol. Sci. Qt.*, 51:3:383-417; 4:516-37. (23,000)

Recent publication of political interest (bibliography). *Amer. Pol. Sci. Rev.*, 30:3:616-45; 4:826-51; 5:1033-61; 6:1227-51; 31:1:174-97; 2:378-406. (50,000)

Ingraham, Raymond Clifford, Ph.D., Instructor in Physiology

ARTICLES:

With M. B. Visscher:

Effects of a divalent cation on sodium removal from intestinal loops. *Proc. Soc. Exp. Biol. Med.*, 36:201-02. (500)

With L. F. Moldavsky and E. Gellhorn:

On the relation between hypoglycemia and anoxemia. *Proc. Amer. Physiol. Soc.*, 49 An. Meet., Apr., 1937, p. 85. (150)

Jackson, Chester Oscar, A.M., Assistant Professor of Physical Education for Men

ARTICLES:

Recent changes in student teaching curricula and major problems in teacher training at forty-three institutions of higher learning. *Amer. Phys. Educ. Assoc. Res. Qt.*, 7:2:108-19. (3200)

Suggested programs for demonstrations and exhibitions. *J. Health Phys. Ed.*, 8:2:84-89, 118-20. (4500)

Sanitation in athletics. *Scholastic Coach*, 6:2:34. (850)

JACKSON, CHESTER OSCAR—Articles (continued)

Practical sanitation in high school athletics.

Ill. H. S. Athlete, 9:4:50-51 (300); 9:5:74-75 (400); 9:6:87. (300)

Health practices? *Ibid.*, 9:8:121-22. (375)

With W. O. Alstrom:

Pupil interest in physical education activities.

Scholastic Coach, 6:3:8-9, 31-32. (2600)

REVIEWS:

Partners in play, by Mary J. Breen. *Amer.*

Phys. Educ. Assoc. Res. Qt., 8:1:163. (400)

Jacob, Paul Emile, Ph.D., Assistant Professor of Romance Languages

See S. F. Will.

Jehle, Mimi Ida, Ph.D., Associate in German

ARTICLES:

The attitude towards woman in the modern

German novel. *Monats. f. Deutschen*

Unterricht, 29:4:109-14. (2800)

Jensen, Vernon Peter, Ph.D., Special Research Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

Stress analysis by means of polarized light

with special reference to bridge rollers. *Bul.*

Assoc. States Eng. Soc., 11:4:9-24. (4000)

With D. L. Holl:

An application of derivatives of non-analytic

functions in plane stress problems. *Bul.*

Amer. Math. Soc., 43:4:256-60. (2000)

Jirka, Frank Joseph, M.D., Assistant Professor of Surgery

See C. S. Scuderi.

Joannides, Minas, M.S., M.D., Associate in Surgery

ARTICLES:

Oleoethorax in collapse therapy of pulmonary

tuberculosis. An experimental and clinical

study and a review of the literature. *Amer.*

Rev. Tuberc., 34:561-613.

Ahepa takes the initiative. *Ahepa Mag.*, 9:1:

16-17.

With O. C. Schlack.

Use of phrenic neurectomy combined with

artificial pneumoperitoneum for collapse of

adherent tuberculous lung. *J. Thor. Surg.*,

6:2:218.

Jobst, Valentine, Ph.D., Instructor in Political Science

ARTICLES:

Reservations to multipartite treaties. *Amer.*

J. Internat. Law, 31:318-20. (1000)

REVIEWS:

Théorie et pratique des traités internationaux, by A.-F. Frangulis. *Ibid.*, 30:

564-65. (400)

Maritime neutrality to 1780, by C. J. Kulsrud.

Amer. Pol. Sci. Rev., 31:162-63. (350)

Johnson, Alice Sarah, A.B., B.L.S., Lecturer in Library Science, and Reference Librarian

BOOKS:

With Margaret Hutchins and Margaret S. Williams:

Guide to the use of libraries; a manual for

college and university students (5th ed.).

H. W. Wilson Co., N.Y., 1936, 252 pp.

(abridged ed., 86 pp.)

Johnson, Percy Evert, B.S., First Assistant in Soil Experiment Fields

See F. C. Bauer.

Johnson, Sveinbjorn, A.M., LL.B., LL.D., University Counsel and Professor of Law

REVIEWS:

Subsidiaries and affiliated corporations, by

E. R. Latty. *Penn. Law Rev.*, 85:4:435-37.

(800)

Handbook on the law of private corporations,

by R. S. Stevens. *Georgetown Law Rev.*,

25:2:495-97. (900)

Johnson, Walter Gilbert, Ph.D., Instructor in English

BOOKS:

James Thomson's influence on Swedish literature

of the eighteenth century. *Ill. Studies*

Lang. Lit., Vol. 29, Nos. 3-4. Univ. of

Ill. Press, Urbana, 1936. 202 pp.

Beginning Swedish. Burgess Pub. Co., Minneapolis,

1936. 130 pp.

Johnston, Paul Evans, Ph.D., Associate Professor of Agricultural Economics Extension

ARTICLES:

The farmer's interest in world trade. Dept.

Agr. Econ., mimeo. (2000)

With J. B. Cunningham:

Summary of annual farm business reports—

reports on one thousand six hundred

thirty-nine farms for 1935. *Ibid.* (500)

With J. B. Cunningham and others:

A series of 42 annual farm business reports

for counties or groups of counties in Illinois.

Ibid. (8000)

With V. W. Kelley:

Enterprise cost analysis of forty-one fruit

farms. *Ibid.* (500)

Johnstone, Henry Fraser, Ph.D., Associate Professor of Chemical Engineering

ARTICLES:

With J. Kunz:

Graphical solution of a differential equation

of diffusion and chemical reaction. *Sci.*

Rpts. Tohoku Imperial Univ., Anniversary

Vol., Ser. I, 1936. (2000)

With A. D. Singh:

Recovery of sulfur dioxide from waste gases.

Ind. Eng. Chem., 29:286-97. (7500)

Jones, Fred Mitchell, Ph.D., Associate in Business Organization and Operation

BOOKS:

Middlemen in the domestic trade of the

United States, 1800-1860. *Ill. Studies Soc.*

Sci., Vol. 21, No. 3. Univ. of Ill. Press,

Urbana, 1937. 81 pp.

ARTICLES:

Retail stores in the United States, 1800-1860.

J. Marketing, 1:2:134-42. (6000)

Kadow, Kenneth John, Ph.D., Associate Pathologist in Horticulture

ARTICLES:

With L. H. Shropshire:

Diseases and insect pests of cabbage and

related plants. Identification and control.

Ill. Agr. Exp. Sta. Circ., 454.

See also H. W. Anderson and W. A. Ruth.

Kampmeier, Otto Frederic, Ph.D., M.D., Professor of Anatomy and Head of the Department

BOOKS:

A manual of instruction of human morphol-

ogy. Part III. Edwards Bros., Ann Arbor,

Mich., 1936. 108 pp.

KAMPMEIER, OTTO FREDERIC—(continued)

ARTICLES:

Union catalogue of medical literature in Chicago now open for reference. *Bul. Med. Lib. Assoc. Q.*, Feb., 1936, p. 169. (300)

Kearns, Clyde Wilson, Ph.D., Special Research Assistant in Entomology

See *W. P. Flint*.

Keeton, Robert Wood, M.S., M.D., Professor of Medicine and Head of the Department

ARTICLES:

The treatment of malnutrition in general practice. *Med. Clin. N. Amer.*, Jan., 1937. (17,000)

With L. R. Limarzi and L. Seed:

Early effect of total thyroidectomy in a case of polycythemia vera. *Proc. Soc. Exp. Biol. Med.*, 36:3:353-56. (900)

Kelley, Victor Wendell, Ph.D., Associate Professor of Horticulture Extension

ARTICLES:

Grape pruning in Illinois. *Ill. Agr. Exp. Sta. Circ.*, 468, pp. 1-16. (6500)

The condition of apple trees in western Illinois following the severe winter and drouth. *Trans. Ill. Hort. Soc.*, 70:456-71. (6000)

The economic outlook for the Illinois apple crop in 1937. *Ibid.*, 70:373-84. (4500)

Problems of fruit growers in 1936. *Ibid.*, 70:302-06. (2000)

See also *P. E. Johnston*.

Kendeigh, Samuel Charles, Ph.D., Assistant Professor of Zoology

ARTICLES:

With S. P. Baldwin:

Factors affecting yearly abundance of passerine birds. *Ecol. Mo.*, 7:1:91-124. (14,000)

Kendrick, Aaron B., Ph.D., Associate in Medicine

ARTICLES:

With M. E. Hanke:

The use of iodine and other modifications in the Van Slyke manometric amino nitrogen method. *J. Biol. Chem.*, 117:161-74. (4000)

Ketchum, Pierce Waddell, Ph.D., Assistant Professor of Mathematics

ARTICLES:

On the expansion of a function analytic at distinct points. *Bul. Amer. Math. Soc.*, 43:115-21. (1500)

Keyes, Donald Babcock, Ph.D., Professor of Chemical Engineering

ARTICLES:

Cracking of petroleum. *Trans. Amer. Inst. Chem. Eng.*, 32:473. (5000)

Keyser, Louis Schröer, M.S., Assistant in Chemistry

ARTICLES:

A simplified laboratory stirrer and melting point bath. *J. Chem. Educ.*, 13:590-91.

Kirkham, Edward James, Jr., M.S., Assistant in Accountancy

ARTICLES:

Depreciation under the income tax. *Acct. Rev.*, 11:4:345-73. (26,000)

Kneier, Charles Mayard, Ph.D., Associate Professor of Political Science

ARTICLES:

Power of congress to provide for the re-adjustment of municipal debts. *Mich. Law Rev.*, 34:1252-54. (900)

Constitutional home rule. *Ibid.*, 35:841-43. (900)

Konzo, Seichi, M.S., Special Research Assistant Professor of Mechanical Engineering

ARTICLES:

Factors affecting fuel saving. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 100-17. (7000)

See also *A. P. Kratz*.

Kraehenbuehl, John Otto, M.S., E.E., Associate Professor of Electrical Engineering

BOOKS:

With M. A. Fawcett:

Machines in electrical engineering. John Swift and Co., St. Louis, 1937. 341 pp.

ARTICLES:

An investigation of student study lighting. *Ill. Eng. Exp. Sta. Circ.*, 28. (7000)

Problems in building lighting. *Ibid.*, 29. (5000)

Study facilities in college dormitories. *Sight-Saving Rev.*, 7:1:20-34. (3500)

Problems in building lighting. *Trans. Assoc. Supts. Bldgs. & Grounds of Univ. & Coll.*, 1936. (4500)

Kraines, Samuel Henry, B.S., M.D., Associate in Psychiatry

ARTICLES:

Standards for private sanitariums for the care of patients with nervous or mental diseases. *Ill. Med. J.*, 65:154.

See also *Bernard Fantus*.

Kratz, Alonzo Plumstead, M.S., Research Professor of Mechanical Engineering

ARTICLES:

Physical factors affecting comfort. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 26-44. (5200)

Importance of structure in heating and ventilating. *Architec. Rec.*, 81:3:41. (2400)

With M. K. Fahnestock and S. Konzo:

Investigation of summer cooling in the warm air heating research residence. *Ill. Eng. Exp. Sta. Bul.*, 290, pp. 1-137. (42,000)

With M. K. Fahnestock, S. Konzo, and E. L. Broderick:

Study of summer cooling using water from the city water mains. Heating, Piping and Air Conditioning. *Amer. Soc. Heat. Vent. Eng. J.*, 8:5:278-88. (7500)

With S. Konzo:

Performance of oil-fired warm-air furnaces in the research residence. *Ibid.*, 8:12:693-704. (8500)

With M. K. Fahnestock and E. L. Broderick:

The cooling and heating rates of a room with different types of steam radiators and convectors. *Ibid.*, 9:4:251-64. (10,000)

With H. J. Macintire:

Comfort cooling in the research residence at the University of Illinois. *Refriger. Eng.*, 33:1:29-36. (3500)

Krehbiel, Robert Henry, Ph.D., Instructor in Anatomy

ARTICLES:

Cytological studies of the decidual reaction in the rat during early pregnancy and in the production of deciduomata. *Phys. Zool.*, 10:2:212-34. (12,000)

Kruger, P. Gerald, Ph.D., Associate Professor of Physics

ARTICLES:

With S. G. Weissberg:

Deep terms in Ti VI, V VII, Cr VIII and Mn IX. *Phys. Rev.*, 49:872.

Series spectra in Mn VII and Fe VIII. *Ibid.*, 49:873.

With G. K. Green:

A million volt cyclotron. *Ibid.*, 51:57.

A transmission line for cyclotron operation. *Ibid.*

The construction and operation of the cyclotron to produce one million volt deuterons. *Bul. Amer. Phys. Soc.*, April, 1937.

With G. K. Green and F. W. Stallmann:

Cyclotron operation without filaments. *Phys. Rev.*, 51:291.

With L. W. Phillips:

Spectra of Sc IV and Sc V. *Bul. Amer. Phys. Soc.*, April, 1937.

With H. S. Pattin:

Spectra of Sc VI and Sc VII. *Ibid.*

With W. E. Shoupp:

Scattering of neutrons by protons. *Ibid.*

Kudo, Richard Roksabro, D.Sc., Associate Professor of Zoology

ARTICLES:

Studies on *Nyctotherus ovalis* Leidy, with special reference to its nuclear structure. *Arch. f. Protistenk.*, 87:1:10-42.

REVIEWS:

The Invertebrata (2d ed.), by L. A. Borradaile et al. *Bot. Zool.*, 4:4:135.

Protoplasm, by W. Seifritz. *Ibid.*, 4:8:143.

Introduction to human parasitology (5th ed.), by A. C. Chandler. *Tokio Med. J.*, 2985:41.

Manson's tropical diseases (10th ed.), by P. H. Manson-Bahr. *Ibid.*, 2992:34.

A guide to human parasitology for medical practitioners (2d ed.), by D. B. Blacklock and T. Southwell. *Ibid.*, 2992:34.

Précis de parasitologie (5th ed.), by E. Brumpt. *Ibid.*, 3019:58.

The microscope (16th ed.), by S. H. Gage. *Ibid.*, 3019:59.

Traité d'helminthologie médicale et vétérinaire, by Neveu-Lemaire. *Ibid.*, 3020:47.

Kuhlman, Alvin Frederick, M.S., Associate in Dairy Husbandry

See W. B. Nevens.

Kunz, Jakob, Ph.D., Professor of Mathematical Physics

ARTICLES:

Farhenerscheinungen in kolloidalen Kaliumdämpfen. *Physik. Zeits.*, 37:415.

Die Druckverhältnisse beider dunklen Entladung. *Arch. f. Electrotechnik*, 30:6.

Discussion H of working and recrystallization structure. *Trans. A.S.M.*, Dec., 1936, p. 1033.

With H. F. Johnstone:

Graphical solution of a differential equation of diffusion and chemical reaction. *Sci. Rpts. Tohoku Imperial Univ.*, Anniversary Vol., Ser. I, 1936. (2000)

With S. H. Babcock:

Optical rotatory power of solutions in an electric field. *Philos. Mag.*, 32:616.

Ladd, Robert Lelon, M.S., M.D., Assistant Professor of Pathology and of Oral Pathology

ARTICLES:

With V. J. O'Connor:

Intra-prostatic injections and experimental study. *J.A.M.A.*, 107:1185-88.

Intra-prostatic injections and experimental study with further observations. *J. Urol.*, 37:4:557-69.

Lang, Alvin Leonard, M.S., Assistant Chief in Soil Experiment Fields

See F. C. Bauer and G. H. Dungan.

Lansford, Wallace Monroe, M.S., C.E., Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

The use of an elbow in a pipe line for determining the rate of flow in the pipe. *Ill. Eng. Exp. Sta. Bul.*, 289. (10,000)

Larson, Laurence Marcellus, Ph.D., LL.D., Professor of History, Emeritus

ARTICLES:

The collection and preservation of sources. *Norw.-Amer. Studies Rec.*, 9:95-105. (3800)

Law, Glenn Cline, M.S., Instructor in Physical Education for Men

BOOKS:

Wrestling for high school and college. Daniels and Shoaf, Champaign, 1937. 109 pp.

ARTICLES:

Illinois high school wrestling tournament. *H. S. Athlete*, Apr., 1937. (1000)

Lederer, Francis Loeffler, B.S., M.D., Professor of Laryngology, Rhinology, and Otolaryngology

BOOKS:

Cyclopedia of medicine service, Vol. XIII. (Chief associate editor), pp. 758-842. F. A. Davis Co., Phila., 1936.

Taber's digest of medical terms. (Associate editor). F. A. Davis Co., Phila., 1937.

ARTICLES:

Malignant neoplasms. Chapter 28 of *Physical Therapeutic Methods in Otolaryngology*, by A. R. Hollender. C. V. Mosby Co., St. Louis, 1937.

Malignancies of the nasal accessory sinuses. *Wis. Med. J.*, Apr., 1937.

Lee, Frederic Edward, Ph.D., Professor of Economics

ARTICLES:

A difficult balancing act. *Banking*, 19:9:96. (500)

British banks survey cheap money road. *Barron's*, 17:14:7-8. (2500)

Why devaluation has not raised prices as promised by its advocates. *Chicago J. Com.*, 16:210:1. (1000)

Devaluation permits foreigners to buy securities cheaply. *Ibid.*, 16:211:1-2. (1500)

U. S. devaluation unique in inflation possibilities. *Ibid.*, 16:212:1-3. (1200)

Monetary experiments new in fact or new to experimenters? *Ibid.*, 16:239:1. (1000)

Should be rid of heterogeneous currency issues. *Ibid.*, 16:240:1. (1200)

New monetary unit is uncertainty. *Ibid.*, 16:241:1. (800)

Monetary policy and long-term investments. *Economist*, 25:12:28. (4000)

Our universities and bankers' educational conferences. *Great Lakes Banker*, 18:4:4-5. (2000)

Bank management under a variable monetary policy. *Ibid.*, 18:8:12. (3500)

LEE, FREDERIC EDWARD—(continued)

REVIEWS:

The system of Chinese public finance, by Lee Chou-Ying. *Amer. Econ. Rev.*, Mar., 1937. (400)

Lehmann, Emil Wilhelm, B.S., E.E., A.E., Professor of Agricultural Engineering and Head of the Department

ARTICLES:

Fencing with electricity. *Successful Farming*, Aug., 1936. (1000)

Midwest truck irrigation. *Country Gent.*, Feb., 1937. (250)

Ridge buster. *Ibid.*, Apr., 1937. (250)

New equipment pays. *Ibid.*, June, 1937. (350)

With R. C. Hay:

Terraces to save the soil. *Ill. Agr. Exp. Sta. Circ.*, 459. 31 pp.

Leonard, Maria, A.M., Litt.D., Dean of Women

ARTICLES:

Values. *Arrow*, May, 1936. (1000)

With Mildred Warren:

Today's books for today's girls. Univ. of Ill. Office of Dean of Women.

Lescher, Frank Mills, B.S., A.I.A., Associate Professor of Architecture

ARTICLES:

New building trends make new home owners. *Ill. J. Com.*, 28:7:14. (5300)

Levinson, Samuel Azor, M.S., M.D., Associate Professor of Pathology and Assistant Professor of Medicine

BOOKS:

With R. P. MacFate:

Clinical laboratory diagnosis. Lea and Febiger, Phila., 1937. 877 pp.

Levinson, Sidney Older, B.S., M.D., Instructor in Pediatrics

ARTICLES:

A five year review of anterior poliomyelitis in the Chicago area. *Ill. Med. J.*, Sept., 1936. (4200)

Lichtenstein, Ben William, M.D., M.S., Instructor in Neurology

ARTICLES:

With H. Zeitlin:

Occlusion of the anterior spinal artery. *Arch. Neurol. Psychiat.*, 36:96-111.

Caisson disease. *Arch. Pathol.*, 22:86-98.

Actinomycotic abscess of the brain. *Ibid.*, 23:58-66.

Limarzi, Louis Robert, B.S., M.D., Associate in Medicine

See R. W. Keeton.

Lindstrom, David Edgar, Ph.D., Assistant Professor of Rural Sociology

ARTICLES:

Forces affecting participation of farm people in rural organization. *Ill. Agr. Exp. Sta. Bul.* 423, pp. 79-127. (13,500)

Selectivity of 4-H club work: an analysis of factors influencing membership. *Ibid.*, 426, pp. 247-78. (9000)

Some factors affecting social welfare in rural areas of Alexander County, Illinois, 1934. *Ill. Agr. Exp. Sta.*, mimeo. 45 pp. (12,000)

The community unit (rev.). *Ext. Serv. Agr. Home Econ.*, mimeo., 22 pp. (7200)

An outline to guide discussion on community forces at work. *Ibid.*, 2 pp. (500)

Articles (continued)

Some pointers on leading discussion with reference to the topic how can we improve our citizenship. *Ibid.*, 3 pp. (900)

A discussion outline on characteristics of a farm community in which I would like to live. *Ibid.*, 3 pp. (900)

Organizing rural discussion team tours. *Ibid.*, 15 pp. (1000)

Suggestions for chairmen and guides of discussion teams. *Ibid.*, 10 pp. (4500)

Illinois rural youth discuss good citizenship.

Rural Amer., 14:8:9-10. (700)

For better community meetings. *Ill. Agr. Assoc. Rec.*, 15:4:23-24. (1400)

The music and dance festival. *Ibid.*, 14:10:22. (1500)

With Ida Johns and R. Handschin:

Rural welfare and relief work in eleven counties representative of rural Illinois. *Ill. Agr. Exp. Sta.*, mimeo., 21 pp. (6600)

With E. H. Regnier:

Extension work in rural sociology. *Ext. Serv. Agr. Home Econ.*, mimeo., 6 pp. (3000)

See also W. A. Foster.

Litman, Simon, Dr. Jur. Pub. et Rer. Cam., Professor of Economics

REVIEWS:

Abolish slumps: a diagnosis of the trade cycle, by A. W. Knight. *Amer. Econ. Rev.*, 27:1:150. (300)

Littleton, Ananias Charles, Ph.D., C.P.A., Professor of Accountancy and Assistant Director of the Bureau of Business Research

ARTICLES:

The professional college. *Acct. Rev.*, 11:2:109-17. (4500)

Concepts of income underlying accounting. *Ibid.*, 12:1:13-22. (5500)

REVIEWS:

Stabilized accounting, by H. W. Sweeney. *Ibid.*, 11:3:296-99. (2000)

Lloyd, John William, Ph.D., Professor of Olericulture

ARTICLES:

Relation of the spray residue problem to co-operative marketing. *Amer. Cooperation*, 1936, pp. 489-90. (550)

Lohmann, Karl Baptiste, M.L.A., Professor of Landscape Architecture

ARTICLES:

A regional planning program for Champaign Co., Ill. Regional Planning Commission of Champaign County, 32 pp. (17,000)

The heritage of a town well-named. *Amer. City*, Dec., 1936, p. 97; *Town and Country Planning of Great Britain*, Mar., 1937, p. 76. (450)

Some unpublished regional planning comments by the late Henry Wright, Community Planner. *Planning and Civic Comment*, July-Sept., 1936, pp. 20-26. (3500)

Low, Abraham Adolph, M.D., Assistant Professor of Psychiatry

BOOKS:

Studies in infant speech and thought, Part I. *Ill. Med. Dent. Monog.*, Vol. 1, No. 2. Univ. of Ill. Press, Urbana, 1936. 71 pp.

Luce, Wilbur Marshall, Ph.D., Associate in Zoology

See L. J. Thomas.

Lybyer, Albert Howe, Ph.D., Professor of History

ARTICLES:

United States relations in the Orient and Near East. *Amer. Yr. Bk.*, Mar., 1937, pp. 88-93. (3500)

Articles on Arabia, Egypt, Greece, Iran, Iraq, Palestine, Syria, and Turkey in "Annual for 1936" of *World Book Encyclopedia*. (5500)

Mohammed the conqueror. *Slavonic and East European Rev.*, 15:639-48. (4500)

Lyon, Stuart Wellington, M.S., Special Research Assistant in Engineering Materials

ARTICLES:

With **H. B. Wishart**:

Effect of overload on the fatigue properties of several steels at various low temperatures. *A.S.M.*, 1936, preprint. (2000)

See also **H. F. Moore**.

Lyon, Will Ferson, A.B., M.D., Assistant Professor of Surgery

ARTICLES:

Diagnosis and treatment of industrial neuroses.

MacFate, Robert Preston, Ch.E., M.S., Associate in Pathology and Assistant Director of the Hospital Laboratory

See **S. A. Levinson**.

Macintire, Horace James, M.M.E., Professor of Refrigeration

BOOKS:

Refrigeration engineering. John Wiley and Sons, N.Y., 1937. 415 pp.

ARTICLES:

With **A. P. Kratz**:

Comfort cooling in the research residence of the University of Illinois. *Refrig. Eng.*, 33:129-36.

Mackay, Roland Parks, A.B., M.D., Associate Professor of Psychiatry

ARTICLES:

With **G. W. Hall**:

Forms of familial ataxia resembling multiple sclerosis. A clinical study. *Arch. Neurol. Psychiat.*, 37:19-31. (6000)

MacMasters, Majel Margaret, Ph.D., Associate in Home Economics

See **Sybil Woodruff**.

Martin, Robert Samuel, Ph.D., Associate in Mathematics

ARTICLES:

With **A. J. Maria**:

Representation of positive harmonic functions. *Duke Math. J.*, 2:3:517-29. (3800)

Marvel, Carl Shipp, Ph.D., Professor of Organic Chemistry

ARTICLES:

With **William J. Sparks**:

Rearrangement of polynes. IX. Dimers of Tri-*t*-butyl-ethynylmethyl halides. *J.A.C.S.*, 58:865-70. (5400)

With **P. S. Pinkney**, **G. A. Nesty**, and **R. H. Wiley**:

Hydrophenanthrenes and related ring systems from dienynes. *Ibid.*, 58:972-76. (4100)

Articles (continued)

With **J. H. Brown** and **H. W. Durand**:

The reduction of aromatic compounds with hydrogen and a platinum oxide-platinum black catalyst in the presence of halogen acid. *Ibid.*, 58:1594-96. (2700)

With **L. L. Ryden**:

Polysulfones from acetylenes and sulfur dioxide. *Ibid.*, 58:2047-50. (2700)

With **J. C. Cowan**:

Ammonium salts from bromopropylamines. VI. Salts of polymeric tertiary amines. *Ibid.*, 58:2277-79. (2300)

With **F. J. Glavis** and **L. L. Ryden**:

The reaction between sulfur dioxide and olefins. V. The structure of the polysulfones from olefins of the type $RCH=CH_2$. *Ibid.*, 59:707-11. (3600)

REVIEWS:

Laboratory methods of organic chemistry, by **L. Gatterman**; rev. by **H. Wieland**. *Ibid.*, 59:772. (220)

Mathews, John Mabry, Ph.D., Professor of Political Science

BOOKS EDITED:

With **J. Hart**:

Essays in political science, in honor of **Westel Woodbury Willoughby**. Johns Hopkins Univ. Press, Baltimore, 1937. viii + 364 pp.

REVIEWS:

A diplomatic history of the United States, by **S. F. Bemis**. *Amer. J. Internat. Law*, 31:2:362-63. (500)

American diplomacy: policies and practice, by **B. H. Williams**. *Ibid.*, 30:3:570-71. (400)

Current problems of public policy, edited by **C. A. Beard** and **G. H. E. Smith**. *Amer. Pol. Sci. Rev.*, 30:6:1208. (300)

Mattox, Norman Thomas, Ph.D., Assistant in Zoology

ARTICLES:

A new fairy shrimp belonging to the genus *Pristicephalus*. *Amer. Mid. Naturalist*, 17: 6:950-53. (1300)

Sex organs and reproduction in *Campeloma rufum*, a fresh-water snail. *Anat. Rec.*, 67:1(sup.1):77. (250)

Mays, Arthur Beverly, A.M., Professor of Industrial Education

ARTICLES:

Neglected values in industrial arts. *Amer. Voc. Assoc. J.*, Feb., 1937. (1500)

The educational beliefs of a professor of industrial education. *Peabody J. Educ.*, Mar., 1937. (750)

Industrial arts in the new curriculum. *Ind. Arts, Voc. Educ. Mag.*, Feb., 1937. (2000)

Practical arts as moral education. *Ibid.*, June, 1936. *Character*, Dec., 1936. (3800)

McGuigan, Hugh Alister, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, and Head of the Department

BOOKS:

An introduction to materia medica and pharmacology. **C. V. Mosby Co.**, St. Louis, 1936. 580 pp.

ARTICLES:

Medical thermometry. *Ann. Med. Hist.*, 9: 148-54. (3400)

McKenna, Charles Morgan, B.S., M.D., Professor of Urology

See **J. T. Gernon**.

McMunn, Richard Lacey, M.S., Assistant Professor of Pomology

ARTICLES:

- Tables for rapid calculations of spray and dust requirements. *Ill. Hort.*, Apr., 1937. (2500)
Fruit bud hardiness in peach varieties. *Proc. Amer. Soc. Hort. Sci.*, 34:233-37. (2800)

Metcalf, Clell Lee, D.Sc., Professor of Entomology and Head of the Department

ARTICLES:

- Bugaboo or backbone? *J. Econ. Entom.*, 30: 2:382-84. (1200)

REVIEWS:

- The pioneer century of American entomology, by H. B. Weiss. *Ibid.*, 29:3:636-37. (1000)

Meyer, Curtis Erdmund, Ph.D., Special Research Assistant in Chemistry
See W. C. Rose.

Meyer, Esther, Ph.B., M.S., Instructor in Bacteriology

BOOKS:

See E. N. Gathercoal.

ARTICLES:

With Virginia Ryan:
Bacteriologic studies of the blood of normal individuals and rheumatic fever patients. *J. Lab. Clin. Med.*, 22:113-16. (1000)

Michaud, Régis, A.M., Professor of Romance Languages

ARTICLES:

- Le mouvement littéraire et social de gauche aux États-Unis. *Grande Rev.*, 150:5:461-83. (18,000). Part III, *Ibid.*, 150:6:628-49. (18,000)
French criticism in the past decade. *Bks. Abroad*, 10:4:392-95. (2300)
French literature under Leon Blum. *Ibid.*, 11:2:167-68. (1800)
Le "Professeur Clemenceau." *French Rev.*, 10:1:23-29. (2500)

Miles, Russell Hancock, M.Mus., Associate Professor of Music

MUSIC:

- The song of the lacemaker. Part-song for mixed voices. H. W. Gray Co., N.Y. 14 pp.

Miller, George Abram, Ph.D., LL.D., Professor of Mathematics, *Emeritus*

ARTICLES:

- Groups in which the squares of the operators generate a cyclic group. *Proc. Nat. Acad. Sci.*, 22:288-91. (1900)
Regular subgroups of a transitive substitution group. *Ibid.*, 22:375-77. (1200)
Groups containing a relatively large number of operators of the same order. *Ibid.*, 22:541-43. (1500)
Number of abelian groups of a given order. *Ibid.*, 22:654-55. (700)
Enumeration of the abelian groups whose orders do not exceed a given number. *Ibid.*, 22:700-03. (2000)
Groups whose prime powers generate a cyclic subgroup. *Ibid.*, 22:703-06. (1700)
Groups which contain an abelian subgroup of prime index. *Ibid.*, 23:13-16. (1800)
The groups of order p^m which have $m-1$ independent generators. *Ibid.*, 23:234-36. (1500)
Résumé: basal facts in the history of mathematics. *Scientia*, 31:66. (200)

Articles (continued)

- Group theory definitions in Webster's New International Dictionary. *Math. Gazette*, 20:143-44. (500)
A dozen mathematical errors in Webster's Dictionary. *Science*, 85:418-19. (400)
Fundamental ideas in the history of mathematics. *Math. Student*, 3:321-26. (2200)
Group theory in the secondary schools. *Sch. and Soc.*, 44:344-45. (800)
Group theory in mathematical education. *Ibid.*, 45:183-85. (800)
Factor congruences in the history of mathematics. *Tôhoku Math. J.*, 42:362-65. (1500)
False group theory. *Sci. Mo.*, 44:280-03. (2100)

REVIEWS:

- Erreurs de mathématiciens des origines à nos jours, by Maurice Lecat. *Scripta Mathematica*, 4:470-72. (900)

Miller, Lawrence Byrne, B.S., Associate in Soil Experiment Fields

See F. C. Bauer.

Miller, Leo Frederick, B.S., M.D., Instructor in Orthopaedics

ARTICLES:

- Osteochondritis dissecans of the capitellum of the humerus. *Radiol.*, 27:2:237-39. (1000)

Miller, Richard Froman, Ph.D., Assistant in Chemistry

See R. Adams and J. C. Bailar.

Milum, Vern G., Ph.D., Assistant Professor of Entomology

ARTICLES:

- Resolutions adopted at International Beekeepers' Conference, San Antonio, Texas, November, 1936. *Gleanings in Bee Culture*, 65:85-116. (650)
Suggestions on resolutions. *Beekeepers' Item*, 21:194-95. (500)

With E. G. Lynn and D. T. Englis:

- Effect of processing and storage on composition and color of honey. *Food Research*, 1:255-61. (2100)

Mitchell, David Ray, M.S., E.M., Associate Professor of Mining and Metallurgical Engineering

ARTICLES:

- Preparation and utilization of coal for domestic fuel, and sampling coal shipments. *Proc. 3d Short Course in Coal Utilization, 1936, Coal-Heat*, 30:8. (7000)
Coal segregation problems. *Proc. 15th Fuel Engrs. Meet. 1936, Coal-Heat*, 30:9. (5000)
The Rheolaveur coal cleaning process. *Trans. A.S.M.E.*, 1936. (700)
Dry cleaning of coal by air-sand process. *Ibid.* (600)

With C. M. Smith:

- Possible recovery of coal from waste at Illinois mines. *Ill. Eng. Exp. Sta. Bul.*, 285. 44 pp.

Mitchell, Harold Hanson, Ph.D., Professor of Animal Nutrition

ARTICLES:

- Dry rendered tankage is superior in feed tests. *Nat. Provisioner*, Feb. 20, 1937, pp. 11-12. (1400)
Carl von Voit. *J. Nutr.*, 13:3-13. (5000)

With T. S. Hamilton:

- The estimation of the heat production of cattle from the insensible loss in body weight. *J. Agr. Res.*, 52:837-54. (5000)

MITCHELL, H. HANSON—Articles (continued)

Sex differences in anemic rates. *Science*, 85:364-66. (2000)

With B. W. Fairbanks:

The relation between calcium retention and the store of calcium in the body, with particular reference to the determination of calcium requirements. *J. Nutr.*, 11: 551-72. (7500)

Mohn, Paul Eugene, M.S., M.E., Assistant Professor of Mechanical Engineering

ARTICLES:

Reducing that "unaccounted for" loss. *Power Plant Eng.*, 40:8:456. (550)
Home heating. *Better Buymanship Bul.*, 20, H.F.C., Nov., 1936. 36 pp. (14,000)
Essential features of heating systems. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 75-87. *Coal-Heat*, 30:4:44-50. (4000)

Monroe, Walter Scott, Ph.D., Professor of Education and Director of the Bureau of Educational Research

BOOKS:**With L. Shores:**

Bibliographies and summaries in education to July, 1935. H. W. Wilson Co., N.Y., 1936. 470 pp.

With M. D. Egelhart:

The scientific study of educational problems. The Macmillan Co., N.Y., 1936. 504 pp.

ARTICLES:

The literature of education. *Educ. Rec.*, 17:555-65. (3500)
Note on the interpretation of coefficients of correlation. *J. Educ. Psych.*, 27:551-53. (1200)

Moore, Herbert Fisher, M.E., M.M.E., D.Sc., Research Professor of Engineering Materials

ARTICLES:

When and how does a fatigue crack start? *Metals and Alloys*, 7:11:110-17. (2400)
Second progress report of the joint investigation of fissures in railroad rails. *Proc. Amer. Ry. Eng. Assoc.*, 37:998-1012; *Ill. Eng. Exp. Sta. Reprint*, 8. (4800)
Correlation between metallography and mechanical testing. *Trans. Amer. Inst. Min. Met. Eng.*, 120:13-35; *Ill. Eng. Exp. Sta. Reprint*, 9. (7000)

With H. B. Wishart and S. W. Lyon:

Slow-bend and impart tests of notched bars at low temperatures. *Proc. A.S.T.M.*, 36: 2:110-15. (1500)

Morey, Lloyd, A.B., B.Mus., C.P.A., LL.D., Professor of Accountancy and Comptroller

BOOKS:

Introduction to governmental accounting. John Wiley and Sons, N.Y., 1936, 318 pp.

With others:

Municipal accounting statements. *National Committee on Municipal Accounting*, Bul. 6, Chicago, 1936. 156 pp.
Bibliography of municipal accounting (2d ed). *Ibid.*, Bul. 7, 1937. 30 pp.
Training for college and university business administration. *Financial Advisory Service of American Council on Education*, Vol. I, No. 7. Wash., D.C., 1937. 13 pp.

ARTICLES:

Some financial problems of local government. *Western City*, 12:8:12-13. (2500)
Municipal accounting. *Ill. Municipal Rev.*, 15:11:231-35. (3500)
"Fund" and "appropriation." *Ibid.*, 16:1:13. (500)

Articles (continued)

The place of accountancy in government. *Acct. Dig.*, 2:2:205-12. (6300)

Progress toward accepted principles of municipal accounting. *J. Accy.*, 63:2:127-38. (4300)

Recent developments in municipal accounting. *Acct. Forum*, 8:1:9-11. (3000)

Editorials (20). *Educ. Bus. Manager and Buyer*, 1936 and 1937.

Morgan, William Ray, Ph.D., Associate in Ceramic Engineering

ARTICLES:

Oxidation and loss of weight of clay bodies during firing. *Ill. Eng. Exp. Sta. Bul.*, 284, pp. 1-40. (12,000)

Morrow, Glenn Raymond, Ph.D., Professor of Philosophy

ARTICLES:

What is left of liberalism? *Actes du VIII^e Congrès Internat. de Philos.*, Prague, 1936, pp. 603-09. (3000)

REVIEWS:

Platon, by L. Robin. *Philos. Rev.*, 45:6: 616-19. (1400)

Mosher, Martin Luther, M.Agr., Professor of Farm Management Extension

ARTICLES:

Is it practical to plan farm operations on agricultural forecasts? *J. Farm Econ.*, 19: 1:241-52. (4000)

With H. C. M. Case, E. G. Fruin, and W. A. Herrington:

Farm bureau farm management service reports. *Ill. Agr. Exp. Sta., Dept. Agr. Econ., Mimeo.*, 523 and 525. (30,000)

Mrgudich, John Neil, Ph.D., Special Research Assistant in Chemistry

See G. L. Clark.

Muller, Cornelius Herman, A.M., Assistant in Botany

ARTICLES:

Studies in the oaks of the mountains of northeastern Mexico. *J. Arn. Arb.*, 17: 160-79. (7500)

Mumm, Walter John, M.S., Associate in Plant Genetics

See G. H. Dungan.

Murphy, Lawrence William, A.M., Litt.D., Professor of Journalism and Director of the School of Journalism

BOOKS:**With L. A. Greenawalt:**

A student's journalism laboratory. Thomas Nelson and Sons, N.Y., 1937. 216 pp.

With F. L. Mott and others:

Headlining America. Houghton Mifflin Co., N.Y., 1937. 300 pp.

ARTICLES:

Schools of journalism. *Internat. Yr. Bk. Ed. Pub.*, Feb., 1937. (3500)

1935-36 classification of general college courses in journalism. *Pub. Aux.*, 67:22: 1-2. (7000)

Reader response to editorials. *Nat. Print. J.*, 54:11:45-46. (1000)

Individuality as an asset in a newspaper. *Ibid.*, 54:6:32-33; 7:44. (2500)

Annual classification of schools of journalism. *Ibid.*, 54:5:24; 6:28. (3000)

Give to journalism for journalism. *Ibid.*, 54:11:1-2. (2000)

MURPHY, L. WILLIAM—Articles (continued)

Members of the American Association of Schools and Departments of Journalism, 1937. Pamphlet published by the Association. (4000)

With B. S. Dickinson and others:

Standard courses for high schools and junior colleges. *Pub. Aux.*, 1937. (10,000)

Nakamura, Frank Isa, A.M., Assistant in Animal Nutrition

ARTICLES:

Recent progress in the study of the nutritive value of proteins. (In Japanese). *J. Agr. Chem. Soc. Japan*, 12:140:83-88. (2000)

Nutritive significance of vitamins and their requirements in nutrition. (In Japanese). *Ibid.*, 12:142:145-50. (3000)

Nedzel, Alexander John, M.D., M.S., Associate Professor of Bacteriology and Public Health

ARTICLES:

The rôle of splanchno-peripheral balance in etiology of diarrhea. *Ill. Med. J.*, 69:549. (7000)

The experimental production of bacterial endocarditis in dogs. Chapter 8 of W. F. Petersen's *The Patient and the Weather*, Vol. IV, Part 1, p. 649. (3000)

The Pressor episode and its relation to experimental endocarditis in dogs. *Proc. Chi. Path. Soc.*, 22:724. (600)

With G. H. Gowen:

Effectiveness of the oral administration of ephedrine in the common cold. *Ill. Med. J.*, 71:132. (2100)

Nesty, Glenn Albert, Ph.D., Fellow in Organic Chemistry

See C. S. Marvel.

Nevens, William Barbour, Ph.D., Professor of Dairy Cattle Feeding

ARTICLES:

Silage crops for dairy cattle. *Ill. Agr. Exp. Sta. Circ.*, 463, pp. 1-16.

With A. F. Kuhlman:

Alfalfa silage. *J. Dairy Sci.*, 19:9:611-17. (3500)

Newcomb, Rexford, A.M., M.Arch., A.I.A., Professor of the History of Architecture and Dean of the College of Fine and Applied Arts

ARTICLES:

Architecture. *World Bk. Encyc. An.* (1936), pp. 17-20. (1100)

With W. R. Tylor:

The University and social planning. *Social Forces*, 15:1:34-46. (6500)

Newmark, Nathan Mortimore, Ph.D., Research Assistant Professor of Civil Engineering

ARTICLES:

Interaction between rib and superstructure in concrete arch bridges. *Proc. A.S.C.E.*, 62:7:1043-61. (10,000)

Nicholson, Douglas G., Ph.D., Associate in Chemistry

ARTICLES:

Titanium-hydrogen peroxide compounds. *Trans. Ill. Acad. Sci.*, 29:2:97. (300)

The reaction of hydrogen peroxide with chromic anhydride in dry ethyl acetate. *J.A.C.S.*, 58:2525-26. (900)

Articles (continued)

With Sister M. Antoine Reiter:

The reaction of titanium tetrachloride with hydrogen peroxide in dry ethyl acetate. *Ibid.*, 59:151-52. (650)

Nicholson, Hugh Philo, M.S., E.M., Associate in Mining and Metallurgical Engineering

ARTICLES:

Application of geophysical prospecting to engineering problems. *Trans. Ill. Soc. Eng.*, Jan. 28, 1937. (2500)

Nolan, Aretas Wilbur, Ph.D., Associate Professor of Agricultural Education

BOOKS:

Short stories for future farmers of America. Interstate Printing Co., Danville, Ill., 1936. 307 pp.

ARTICLES:

Screenings. *Amer. Farm Youth Mag.*, Vol. 2, Nos. 1-5. (2500)

National exchange club noumenon. *Exch. Mag.*, Vol. 15, Nos. 9-18. (5000)

Norton, Laurence Joseph, Ph.D., Professor of Agricultural Economics

BOOKS:

With L. L. Scranton:

Marketing of farm products. Interstate Printing Co., Danville, Ill., 1937. 373 pp.

ARTICLES:

Materials prepared for grain marketing schools: 1936-37. *Dept. Agr. Econ. Mimeo.*, 501. 26 pp. (6000)

Digest of round table conference on training personnel for the cooperative field. *Amer. Coop.*, 1936. (300)

Noyes, William Albert, Ph.D., LL.D., Chem.D., D.Sc., Professor of Chemistry, Emeritus

ARTICLES:

The absurdity of war. *World Affairs Interpreter*, 7:243-49. (3300)

Biographical memoir of Edward Wight Washburn. *Nat. Acad. Sci.*, 1936, 16 pp.

With B. Singh:

The parachors of methyl and ethyl nitrite and of nitromethane and nitroethane. *J.A.C.S.*, 58:802-03. (1300)

O'Connor, Vincent John, B.S., M.D., Associate Professor of Urology

ARTICLES:

Repair of rupture of the male urethra. *Surg. Gyn. Obstet.*, 63:198-200.

See also R. L. Ladd.

Oden, Rudolph Justus Emanuel, A.B., M.D., Assistant Professor of Surgery

ARTICLES:

Clinical histories from the view point of a surgeon. *Bul. Assoc. Record Librarians of N. Amer.*, Mar., 1937.

Odum, Howard Washington, Ph.D., LL.D., Professor of Sociology and Head of the Department

BOOKS:

Southern Regions of the United States. Univ. of N.C. Press, Chapel Hill, 1936. 664 pp.

ARTICLES:

Security and welfare: Which way is forward for North Carolina? 25th Anniv. N. C. Conf. Social Service, Jan., 1937. 24 pp.

ODUM, H. W.—Articles (continued)

Cotton and diversification. *Problems of the Cotton Economy*, Proc. South. Soc. Sci. Res. Conf., New Orleans, Mar. 8, 1935, Sec. III, pp. 50-71, Arnold Foundation, Dallas, Texas, 1936.

Despite potentialities the South is an area of scarcity instead of a land of abundance. *The South Today*, Southern Newspaper Syndicate, Aug., 1936.

Notes on the technicways in current contemporary society. *Amer. Sociol. Rev.*, May, 1937.

Promise and prospect of the South: a test of American regionalism. *Proc. 8th An. Sess. South. Pol. Sci. Assoc.*, 1936.

Regional planning. *Library Trends*, ed. by L. R. Wilson, Univ. of Chicago Press, 1937.

Regionalism and regional planning. *Proc. Conf. Acad. Deans*, Richmond, Va., Dec., 1936.

Six Americas in search of a faith. *Independent Woman*, 15:10:309, Oct., 1936.

Six Americas in search of a faith: The South in the national picture; Alabama in the South and the Nation; Regional planning in the American democracy. *Proc. Univ. Ala. Inst. Pub. Affairs*, 1936.

The errors of sociology. *Social Forces*, 15: 327-42, May, 1937.

Planning for the state's social welfare. *N. C. State Board of Charities and Public Welfare, News Letter*, Oct., 1936, pp. 1-6.

These southern regions. *Ala. Sch. J.*, 54:9: 12, 22, May, 1937.

Oldberg, Eric, M.D., Ph.D., Professor of Neurology and Neurological Surgery and Head of the Department

ARTICLES:

Surgery of intractable pain. Part 12, pp. 380-84, of F. Christopher's *Textbook on Surgery*. W. B. Saunders Co., Phila., 1936.

Olech, Eli, D.D.S., M.S., Associate in Oral Surgery

ARTICLES:

An unusual massive formation of salivary calculus. *Dental Dig.*, 42:1:15. (75)

Oliver, Revilo Pendleton, A.M., Assistant in the Classics

ARTICLES:

The stage in India (part II). *Players Mag.*, 12:4-6. (3200)

The intellectual deficit. *Nations Bus.*, 24:25-26. (3200)

Oliver, William Albert, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

Stress theory and fact checked on laminated glued timber arches. *Eng. News-Rec.*, 118: 82. (1000)

Teaching the theory of flexure in reinforced concrete. *C. E. Bul. S.P.E.E.*, Mar., 1937. (1000)

Olkon, David Mortimer, A.M., M.D., Assistant Professor of Neurology

ARTICLES:

Multiple sclerosis syndrome in a child: report of a clinical case. *J. Nerv. Ment. Dis.*, 85:2:139-42. (1500)

Overman, Oliver Ralph, Ph.D., Associate Professor of Dairy Chemistry

ARTICLES:

Keeping quality of butter. *Nat. Butter and Cheese J.*, 27:24:6-7. (2100)

Articles (continued)

With O. F. Garrett:

Determination of sodium. Removal of phosphorus before determining sodium by the uranyl zinc acetate method. *Ind. Eng. Chem.*, 9:2:72-73. (1600)

See also H. A. Ruehe.

Page, John Lorence, Ph.D., Assistant Professor of Geography

ARTICLES:

The climates of North America. *Handbuch der Klimatologie in fünf Bänden*, Band II, Teil J. Berlin, 1936.

Paine, Ellery Burton, M.S., E.E., Professor of Electrical Engineering and Head of the Department

ARTICLES:

With H. A. Brown:

Electrical discharge phenomena in insulation under high continuous potentials. *Trans. Ill. Acad. Sci.*, 29:2:207-08. (1000)

Parker, Edward Arthur, M.S., Special Research Assistant in Chemistry

See G. L. Clark.

Parks, Ralph Rex, A.M., Extension Specialist in Agricultural Engineering

ARTICLES:

Farm wiring. *Dept. Agr. Eng., Mimco.*, 56. 12 pp.

Rural electrification. *Ibid.*, 55. 7 pp.

Parmelee, Cullen Warner, M.S., D.Sc., Professor of Ceramic Engineering and Head of the Department

ARTICLES:

With K. C. Lyon:

Effect of composition upon the scratch hardness of certain glasses. *Glass Industry*, June, 1936. (1600)

Maximum bubble pressure (Jaeger) method for the measurement of surface tension of molten glass. *J. Soc. Glass Tech.*, 21:83: 44-52. (3000)

Parrish, Wayland Maxfield, Ph.D., Associate Professor of English

ARTICLES:

Objective literary standards in interpretation.

Q. J. Speech, 22:3:368-80. (5000)

Concerning taste. *Cameo*, 4:2. (2000)

Principles—more or less. *Ill. Speech News*, 4:2:3. (1500)

Parry, John Jay, Ph.D., Associate Professor of English

BOOKS:

Brut y Brenhinedd, Cotton Cleopatra version (an edition of the Welsh text of Geoffrey of Monmouth's *Historia*). The Mediaeval Acad. of Amer., Cambridge, Mass., 1937. xviii + 243 pp.

With Margaret Schlauch:

A bibliography of Arthurian critical literature for the years 1930-35. *The Mod. Lang. Assoc. Amer.*, N.Y., 1936. iii + 109 pp.

ARTICLES:

With Margaret Schlauch:

Arthurian bibliography for 1936 (annual supplement). *Mimeo.*, Urbana. 10 pp.

Pattin, Howard Sparling, Ph.D., Assistant in Physics

See P. G. Kruger.

Pease, Theodore Calvin, Ph.D., Professor of History

BOOKS:

Anglo-French boundary disputes in the west, 1749-1763. *Ill. Hist. Coll.*, 27. Springfield, 1936. clxxi + 568 pp.

REVIEWS:

The British régime in Wisconsin and the northwest, by Louise P. Kellogg. *Amer. Hist. Rev.*, 42:1:148-49. (700)

Guarding the frontier: a study of frontier defence from 1815 to 1825, by E. B. Wesley. *Miss. Vall. Hist. Rev.*, 23:1:100-02. (500)

Here I have lived: a history of Lincoln's Springfield, 1821-1865, by P. M. Angle. *Ibid.*, 23:2:273-74. (450)

The territorial papers of the United States, IV, by C. E. Carter. *Ibid.*, 23:3:406-07. (400)

Peluse, Samuel, B.S., M.D., Instructor in Laryngology, Rhinology, and Otology

ARTICLES:

A new portable and utility light for the otolaryngologist. *Arch. Otol.*, 24:624-25. (300)

A new holster for the ophthalmic ward and clinic. *Arch. Ophthalm.*, 17:706-08. (350)

Perlstein, Minnie Oboler, B.S., M.D., Associate in Dermatology

See *M. S. Wien*.

Perry, Ben Edwin, Ph.D., Associate Professor of the Classics

BOOKS:

Studies in the text history of the life and fables of Aesop. *Amer. Philol. Assoc. Monog.*, No. 7. Haverford, Pa., 1936. xvi + 240 pp.

Petersen, William F., B.S., M.D., Professor of Pathology

BOOKS:

The patient and the weather, vol. IV, pts. 1 and 2. Edwards Bros., Ann Arbor, Mich., 1937. 1600 pp.

Phillips, Lyle Winston, A.M., Assistant in Physics

See *P. G. Kruger*.

Phlips, Thomas Erwin, Ph.D., Professor of Physical Chemistry

ARTICLES:

With *J. E. Clemens*:

An experimental thermionic tube. *Rev. Sci. Instr.*, 8:133-34. (1100)

Pieper, John Jacob, Ph.D., Professor of Crop Production

ARTICLES:

With *W. L. Burlison*:

Foreign strains of alfalfa and red clover. *Ill. Agr. Exp. Sta. Bul.*, 431, pp. 475-503. (8500)

With *W. L. Burlison* and *H. P. Rusk*:

Pasture improvement and management. *Ill. Agr. Exp. Sta. Circ.*, 465, pp. 1-50. (13,000)

Pinkney, Paul Swithin, B.S., Fellow in Organic Chemistry

See *C. S. Marvel*.

Poncher, Henry George, B.S., M.D., Associate Professor of Pediatrics

ARTICLES:

Laboratory methods in pediatric procedures. *Clinical Laboratory Diagnosis*, by Levinson and MacFate. Lea and Febiger, 1937. (10,000)

Supplementary feeding of the newborn. *Ill. Med. J.*, Sept., 1936. (1000)

With *Helen Woodward*:

Studies on the pathogenesis and treatment of myotonia congenita. *Amer. J. Dis. Child.*, 52:1065. (5000)

With *J. Schour*:

Rate and apposition of enamel and dentin. *Ibid.*, June, 1937. (9000)

REVIEWS:

La rate en pathologie sanguine, by Emilie Houcke. *J.A.M.A.*, Aug. 22, 1936. (350)

Über Sternalpunktionen, by Elsa Segerdahl. *Acta. Med. Scand.*, supp. 64; *J.A.M.A.*, Oct. 10, 1936. (500)

Les syndromes—neuro-hématiques, by H. Rogers and J. Olmer. *J.A.M.A.*, Oct. 24, 1936. (350)

Angines lympho-monocytaires, agranulocytoses, leucémies, leucopeniques, by J. Sabrazes. *Ibid.*, Feb. 1, 1936. (200)

Portis, Bernard M.D., Ph.D., Assistant Professor of Surgery

ARTICLES:

Surgical treatment of complicated duodenal ulcer. *Radiol. Rev.*, May, 1937.

Potthoff, Edward Frederick, Ph.D., Assistant Professor of Education

ARTICLES:

Subject-matter preparation of secondary-school teachers—special problems resulting from the number of sections taught. *N.C.A. Qt.*, 11:288-95. (4400)

Price, Charles Coale, III, Ph.D., Instructor in Chemistry

ARTICLES:

A study of the phenanthrene-bromine addition reaction. *J.A.C.S.*, 58:1834-38. (2800)

The effect of various catalysts on the phenanthrene-bromine reaction. *Ibid.*, 58:2101-04. (1800)

With *L. F. Fieser*:

The effect of substituents on the phenanthrene-bromine reaction. *Ibid.*, 58:1838-43. (3500)

Puestow, Charles Bernard, M.D., Ph.D., Associate Professor of Surgery

ARTICLES:

Surgery of the gall-bladder and bile ducts. *Ill. Med. J.*, 71:54-58. (2000)

Quinn, John Kerker, A.M., Assistant in English

ARTICLES:

Remarks on some young American poets. *Life and Letters Today*, 14:3:28-39. (6000)

Blake and the new age. *Va. Qt. Rev.*, 13:2:271-85. (6000)

REVIEWS:

Dramatis personae; Letters to the New Island; by W. B. Yeats. *Yale Rev.*, 26:1:208-10. (750)

Before the brave, by K. Patchen. *New Republic*, 87:1123:138-39. (500)

A further range, by Robert Frost; Collected poems, by T. S. Eliot; Public speech, by A. MacLeish; Landscape with figures, by L. Wiggam. *I'a. Qt. Rev.*, 12:4:621-24. (1500)

QUINN, JOHN KERKER—Reviews (continued)

The arts today, by W. H. Auden; A time to dance, by C. D. Lewis; The destructive element, by S. Spender; Reactionary essays, by A. Tate. *Ibid.*, 12:3:465-69. (1300)

Poems of people, by E. L. Masters. *Herald-Tribune Books*, 12:52:13. (700)

The deer come down, by E. Weismiller. *Ibid.*, 13:16:18. (350)

Time in the rock, by Conrad Aiken. *Ibid.*, 13:22:11. (550)

Saltwater farm, by R. P. Tristram Coffin. *Ibid.*, 13:28:16. (1000)

The people yes, by Carl Sandburg. *Midwest*, 1:1:29. (1000)

Poems, by C. F. MacIntyre. *Ibid.*, 1:3:30. (400)

Quirk, Terence Thomas, E.M., Ph.D., Professor of Geology

ARTICLES:

A new means of demonstrating optic figures. *Trans. Ill. Acad. Sci.*, 29:177-78. (800)

New nepheline syenites from Bigwood Township, Ontario. *Ibid.*, 29:179-85. (2600)

With L. C. McCabe:

Angle of polarization as an index of coal rank. *Amer. Inst. Min. Met. Eng. Tech. Pub.*, 791. (3800)

Randall, J. G., Ph.D., Professor of History

BOOKS:

The Civil War and Reconstruction. D. C. Heath and Co., Boston, 1937. 959 pp.

ARTICLES:

Richard Yates. *Dict. Amer. Biog.*, 20: 599-601. (1000)

REVIEWS:

Here have I lived: a history of Lincoln's Springfield, 1821-1865, by P. M. Angle. *Amer. Hist. Rev.*, 41:821-22. (350)

Movements of thought in the nineteenth century, by G. H. Mead. *Ibid.*, 42:535-37. (900)

The story of Congress, 1789-1935, by E. S. Bates. *Miss. Vall. Hist. Rev.*, 23:299-300. (500)

The older middle west, 1840-1880, by H. C. Hubbard. *Ibid.*, 23:419-20. (700)

Lincoln in the political circus, by B. B. Gernon. *Ibid.*, 23:577. (300)

Rappaport, Benjamin Zion, M.S., M.D., Associate in Medicine

See C. I. Reed.

Rattner, Herbert, M.D., Associate in Dermatology

See S. J. Hoffman.

Rayner, William Horace, C.E., M.S., Assistant Professor of Civil Engineering

BOOKS:

Elementary surveying, D. Van Nostrand Co., N.Y., 1937. xvi + 380 pp.

Reed, Carlos Isaac, Ph.D., Associate Professor of Physiology

ARTICLES:

With H. Deutsch and H. C. Struck:

The role of the thyroid in the calorogenic action of vitamin D. *Amer. J. Physiol.*, 117:1:1-5. (1400)

With M. L. Hathaway, B. Z. Rappaport, and H. C. Struck:

A study of blood constituents in pollinosis with and without treatment. *J. Allergy*, 8:1:1-23. (6700)

Articles (continued)

With I. E. Steck, H. Deutsch, and H. C. Struck:

Further studies on intoxication with vitamin D. *Ann. Int. Med.*, 10:961-64. (6000)

With A. J. Bartoli and H. C. Struck:

Total nitrogen content of skeletal muscle of the rat in various nutritional states. *Proc. Soc. Exp. Biol. Med.*, 35:528-32. (900)

Reed, John Clifford, M.S., M.E., Associate in Mechanical Engineering

ARTICLES:

With E. E. Ambrosius:

James Watt: a scientist rather than an inventor. *Sci. Mo.*, 43:3:272-75. (2500)

Regnier, Earl Hubert, B.S., Assistant in Rural Organization

See D. E. Lindstrom.

Reich, Herbert Joseph, Ph.D., M.E., Associate Professor of Electrical Engineering

ARTICLES:

Electronic transient visualizers. *Elec. Eng.*, 55:314-18. (2400)

Electronic transient visualizers. *Proc. Ill. Acad. Sci.*, 29:217-19. (900)

Rhode, Chris Simeon, B.S., Professor of Dairy Husbandry Extension

ARTICLES:

Managing the dairy bull. *Ill. Agr. Exp. Sta. Circ.*, 460.

Richart, Frank Erwin, M.S., C.E., Research Professor of Engineering Materials

ARTICLES:

Reinforced concrete columns. Progress Rpt. of Committee on Specifications. *Amer. Concrete Inst.*, Jan., 1937, pp. 35-40. (3500)

With J. E. Keranen:

Shrinkage of haydite and sand-gravel concrete. *Proc. A.S.T.M.*, 36:1:339-45. (3000)

With P. G. Jones:

The effect of testing speed on strength and elastic properties of concrete. *Ibid.*, 36:2: 380-91.

With T. A. Olson:

Rapid and long-time tests on reinforced concrete knee frames. *J. Amer. Concrete Inst.*, 8:4:459-79. (8500)

Riskind, Lester Allen, B.S., M.D., Assistant in Urology

ARTICLES:

With H. C. Rolnick:

Mortality in prostatic surgery. *J. Urol.*, Jan., 1937.

Ritch, Colquitt Otis, B.S., M.D., Associate in Urology

ARTICLES:

Giant prostatic calculi: report of case. *J. Urol.*, 36:2:157.

Urologic lesions masked as essential hypertension. *Ill. Med. J.*, July, 1936.

Roberts, Charles Walter, A.M., Instructor in English

See W. J. Graham.

Roberts, Elmer, Ph.D., Professor of Animal Genetics

ARTICLES:

With L. E. Card:

Inheritance of resistance to bacterial infection: a genetic study of pullorum disease.

ROBERTS, ELMER—Articles (continued)

Proc. 6th World's Poultry Cong., 2:69-73. (2500)

With J. H. Quisenberry:

Linkage studies in the rat. *Amer. Naturalist*, 70:395-99. (1600)

Robertson, William Spence, Ph.D., Professor of History and Head of the Department

ARTICLES:

History: the revolutionary period. *Handbk. Latin Amer. Studies*, 1:103-11. (4000)

Robinson, Florence Bell, M.L.D., Assistant Professor of Landscape Architecture

ARTICLES:

The rural mail-box. *Prairie Farmer*, Nov. 7, 1936. (700)

Gardens in China and Japan. *Ill. Bull. Business and Professional Women's Club*, Spring No., 1936. (1800)

Roche, Alphonse Victor, Ph.D., Associate in Romance Languages

BOOKS:

Les idées traditionnelles en France, de Rivarol à Charles Maurras. *Ill. Studies Lang. Lit.*, Vol. 21, Nos. 1-2. Univ. of Ill. Press, Urbana, 1937. 235 pp.

ARTICLES:

The teaching of intonation in modern foreign languages, with special reference to French. *Mod. Lang. J.*, Mar., 1937. (2400)

Le mot "traditionalisme." *Mod. Lang. Notes*, Mar., 1937. (2000)

Rodebush, Worth Huff, Ph.D., Professor of Physical Chemistry

ARTICLES:

Dipole moments of the alkali halides. *J. Chem. Phys.*, 4:536. (200)

The absolute rate of a chemical reaction. The formal thermodynamic treatment. *Ibid.*, 4:744. (1200)

The hydrogen bond and coordination. *Chem. Rev.*, 19:59. (2100)

The reactions of oxygen and hydrogen at low pressures. *J. Phys. Chem.*, 41:283. (3000)

With L. A. Murray, Jr., and M. E. Bixler:

The dipole moments of the alkali halides. *J. Chem. Phys.*, 4:372. (2000)

With A. M. Buswell and V. Deitz:

The effect of hydrogen bond formation on the fundamental frequency of the hydroxy radical. *Ibid.*, 5:84. (200)

With R. W. Campbell:

The formation of hydrogen peroxide in the electrodeless discharge in water vapor. *Ibid.*, 4:293. (200)

Rose, William Cumming, Ph.D., Professor of Biochemistry

ARTICLES:

Lafayette Benedict Mendel—an appreciation. *J. Nutr.*, 11:607-13. (2500)

With Madelyn Womack, C. E. Meyer, and others:

The present status of the amino acid in nutrition. A preliminary report. *J. Biol. Chem.*, 114:85. (250)

With C. E. Meyer:

The spatial configuration of alpha-amino-beta-hydroxy-n-butyric acid. *Ibid.*, 115:721-20. (3200)

With Madelyn Womack:

The relation of leucine, isoleucine, and norleucine to growth. *Ibid.*, 116:381-91. (3000)

Articles (continued)

With R. H. McCoy:

The relation of glycine and serine to growth. *Ibid.*, 117:581-88. (2500)

Rosenthal, Sol Roy, M.D., Ph.D., Associate in Bacteriology and Public Health

ARTICLES:

Focal and general tissue responses to an avirulent tubercle bacillus (BCG). *Arch. Path.*, 22:348-72.

Significance of tissue lymphocytes in the prognosis of lymphogranulomatosis. *Ibid.*, 21:628-46.

Ross, Robert Cooke, Ph.D., Associate Professor of Farm Management

ARTICLES:

Soybean costs and production practices. *Ill. Agr. Exp. Sta. Bull.*, 428, pp. 340-88. (20,000)

The farmer's interest in taxation. *Dept. Agr. Econ.*, mimeo., pp. 1-33. (11,000)

With B. R. Hurt:

Costs of harvesting with combines. *Ill. Farm Econ.*, Nos. 16-17, pp. 79-80. (800)

Ruehe, Harrison August, Ph.D., Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

Pasteurization is simplest and cheapest way to safeguard milk supply. *Milk Plant Mo.*, 25:5:72-73. (650)

Commercial manufacture of Philadelphia cream cheese. *Ibid.*, 25:5:73-74. (325)

How to make the brom cresol purple test. *Ibid.*, 25:5:74-75. (300)

Calorific and vitamin value of ice cream. *Ibid.*, 25:5:75-76. (200)

Lactometer readings and specific gravity. *Ibid.*, 25:6:74. (175)

Drying whey on milk drying machine. *Ibid.*, 25:6:74. (175)

To stop sweet cream separating. *Ibid.*, 25:7:66. (600)

When and how to use starter for butter. *Ibid.*, 25:7:67. (250)

Devonshire cream by the English method. *Ibid.*, 25:7:67-68. (400)

Improving the quality of whipped cream. *Ibid.*, 25:8:66-67. (475)

Making old fashion Dutch Cheese or Smere Kase. *Ibid.*, 25:8:67-68. (325)

Making buttermilk from returned milk. *Ibid.*, 25:8:68-69. (550)

Foreign flavors in milk. *Ibid.*, 25:8:69. (225)

Ropy milk, how to prevent and stop it. *Ibid.*, 25:9:72-73. (550)

Increasing body of cream. *Ibid.*, 25:10:118-19. (550)

Milk solids content, fat content and freezing point as tests for added water. *Ibid.*, 25:10:119. (475)

Causes of bad flavors in milk and their remedies. *Ibid.*, 25:12:74-75. (625)

Buttermilk for beverage purposes. *Ibid.*, 25:12:75-76. (200)

Causes for curdling of milk. *Ibid.*, 26:1:63-64. (200)

Cottage cheese and cheese cake. *Ibid.*, 26:1:64. (150)

Processes for increasing viscosity of cream. *Ibid.*, 26:1:64-65. (300)

Manufacturing milk sugar. *Ibid.*, 26:1:65-66. (250)

Metering milk. *Ibid.*, 26:1:66. (75)

Suggestions for avoiding sour milk. *Ibid.*, 26:2:76. (350)

Getting a good cream line on pasteurized milk. *Ibid.*, 26:2:76. (250)

RUEHE, H. A.—Articles (continued)

- Cream and its ability to color coffee. *Ibid.*, 26:2:77. (275)
 Methods and equipment for manufacturing casein. *Ibid.*, 26:2:77-78. (375)
 Effect of silage on taste and acidity of milk. *Ibid.*, 26:2:78-79. (275)
 Keeping buttermilk starter at right temperature. *Ibid.*, 26:2:79. (300)
 The air drier for drying casein. *Ibid.*, 26:2:79-80. (250)
 Handling cream for keeping quality and body. *Ibid.*, 26:3:84-85. (375)
 Materials to use in charging the bottle washer. *Ibid.*, 26:4:90-91. (600)
 Freezing point as a means to determine watering of milk. *Ibid.*, 26:4:91-92. (300)
 A method of controlling the flavor in butter. *Minutes Amer. Assoc. Creamery Butter Mfrs.*, Jan., 1937. (2500)
 Silhouette. *Sealtest Food Adviser*, Mar., 1937, pp. 7-8. (600)
 Producing milk for cheese making. *Manual Dairy Mfrs. Conf.*, Nov., 1936. (2000)
 The use of starter distillate in improving butter flavor. *Ibid.* (2600)
 Looking ahead in the ice cream industry. *Manual Ice Cream Short Course*, Feb., 1937. (1500)
 With S. L. Tuckey and G. L. Clark:
 X-ray diffraction studies of cheese protein during the ripening of Cheddar cheese. *J. Dairy Sci.*, 19:7:475-76. (200)

With O. R. Overman:

- Standardization of flavor in butter. *Proc. 14th Midwest Reg. Meet. Amer. Chem. Soc.*, April, 1937. (1800)

Rusk, Henry Perly, M.S., Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

ARTICLES:

- With W. L. Burtison and J. J. Pieper:
 Pasture improvement and management. *Ill. Agr. Exp. Sta. Circ.* 465, pp. 1-50. (13,000)

Ruth, Warren Albert, Ph.D., Professor of Pomological Physiology

ARTICLES:

- The spray residue research program. *Proc. Amer. Pomol. Soc.*, 52:230-39; *Proc. Va. Hort. Soc.*, Va. Fruit, 25:1:230-39. (6000)

With H. W. Anderson and M. D. Farrar:

- The season of 1936. *Trans. Ill. Hort. Soc.*, 70:44-53. (2800)

With K. J. Kadow and H. W. Anderson:

- Greenhouse wires and pipes galvanized with zinc react with sulfur dioxide to form soluble zinc salts. *Phytopathology*, 26:6:609-10.

Sanford, Charles Wilson, Ph.D., Assistant Professor of Education and Principal of University High School

ARTICLES:

- Teaching the use of the library to prospective social studies and English teachers. *Sch. and Soc.*, Dec. 5, 1936.
 A combined course in student-teaching and the technique of teaching. *Educ. Admin. Super.*, Nov., 1936.

With others:

- The program for the improvement of instruction in Illinois high schools. *Ibid.*, Dec., 1936.

See also T. E. Benner.

Sarma, P. Joseph, M.S., M.D., Assistant Professor of Surgery

ARTICLES:

- Advancement in surgical anesthesia in the United States. *Surg. Rev.*, Aug., 1936, pp. 209-18.
 Personal experience with Andrews inguinal herniotomy in 300 cases. *Mcd. Bul.*, Jan., 1937. (4000)
 Varicose veins and ulcers (diagnosis and treatment). *Bul. Ravenswood Hosp.*, Jan., 1937. (1500)

Saunders, Mrs. Alta Gwinn, A.M., Associate Professor of Business English

BOOKS:

- Effective business English (rev. ed.). The Macmillan Co., N.Y., 1936. 614 pp.

Schieltz, N. Cyril, B.Ch.E., Special Research Assistant in Chemistry

See G. L. Clark.

Schmidt, Edward Charles, M.E., Professor of Railway Engineering and Head of the Department

ARTICLES:

- More efficient locomotives. *Sci. Amer.*, 156:4:222-25. (3300)

Schneibly, Merrill Isaac, A.B., J.D., J.S.D., Professor of Law

REVIEWS:

- Restatement of the law of trusts, by the American Law Institute. *Cal. Law Rev.*, 24:748-51. (1500)

Schour, Isaac, D.D.S., Ph.D., Professor of Histology

ARTICLES:

- Changes in the incisor of the thirteen-lined ground squirrel (*Citellus tridecemlineatus*) following bilateral gonadectomy. *Anat. Rec.*, 65:177-99. (4000)
 The growth pattern, growth rhythm and ring analysis of the tooth. *Ibid.*, 67:45-46. (250)
 Recent knowledge of the inter-relationship of endocrines and teeth. *Proc. 9th Internat. Dent. Cong. (Vienna)*, 1:107-28. (3500)
 Rate of growth of alveolar bone measured by alizarin injections. *J. Dent. Res.*, 15:329. (250)
 The effect of metabolic disturbances on teeth. *Dent. Items of Interest*, 58:753-64. (5500)
 The neonatal line in the enamel and dentin of the human deciduous teeth and first permanent molar. *J. Amer. Dent. Assoc.*, 23:1946-55. (1800)
 The preparation of the student for active research or for an appreciation of research: a study with six case histories. *J. Dent. Educ.*, 1:3-14. (4500)

With S. B. Chandler, and W. R. Tweedy:

- The effects of parathyroidectomy on the incisor teeth of the albino rat and their modification following fasting or repeated pregnancies and lactations. *Anat. Rec.*, 67:45. (250)

Schwalbe, William Louis, M.S., Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

- Simultaneous equations in mechanics solved by iteration. *Proc. A.S.C.E.*, Aug., 1936, pp. 861-78. (5400)
 Torsionless bending of a hollow beam by a transverse load. *J. Applied Mech. A.S.M.E.*, Mar., 1937, pp. 25-30. (2500)
 On the end effect in the cooling of a rail of finite length. *Rpt. of Rails Invest.*, Dec., 1936, pp. 69-76. (2000)

Scott, Harold Martin, M.S., Associate in Poultry Husbandry

ARTICLES:

With **L. F. Payne**:

Light in relation to the experimental modification of the breeding season of turkeys. *Poultry Sci.*, 16:90-96. (1400)

With **J. S. Hughes**:

The change in the concentration of ovalbumin in egg white during egg formation. *Ibid.*, 15:349-51. (500)

With **D. C. Warren**:

Influence of ovulation rate on the tendency of the fowl to produce eggs in clutches. *Ibid.*, 15:381-89. (2100)

Influence of light on ovulation in the fowl. *J. Exp. Zool.*, 74:137-56. (3000)

With **R. E. Phillips**:

Egg size in relation to growth of Narragansett turkeys. *Poultry Sci.*, 15:435-38. (700)

With **J. G. Feinberg** and **J. S. Hughes**:

Fluctuations of calcium and inorganic phosphorus in the blood of the laying hen during the cycle of one egg. *Ibid.*, 16:132-34. (600)

With **J. S. Hughes** and **D. C. Warren**:

Augmentation of nitrogen to the egg white after the formation of the shell membranes in the fowl. *Ibid.*, 16:53-61. (2000)

With **J. S. Hughes** and **J. Antelzy**:

Location of the antienzyme in egg white. *Ind. Eng. Chem.*, 8:310-11. (400)

Scovill, Hiram Thompson, A.B., C.P.A., Professor of Accountancy and Head of the Department of Business Organization and Operation

ARTICLES:

Differences between graduate and professional education in business. *Proc. 18th An. Meet. Assoc. Coll. Sch. Bus.*, June, 1936, pp. 70-82. (4600)

Scuderi, Carlo Salvatore, B.S., M.D., Associate in Surgery

ARTICLES:

With **F. J. Jirka**:

Glomus tumor: report of a case. *J.A.M.A.*, 107:201-03.

Fat embolism: an experimental study on the value of roentgenograms of the chest in diagnosis. *Arch. Surg.*, 33:708-13.

With **W. R. Cubbins** and **J. J. Callahan**:

Cruciate ligament injuries. *Surg. Gyn. Obstet.*, 64:218-25.

Rupture of the crucial ligaments. *Surg. Clin. N. Amer.*, Apr., 1937.

Secord, Arthur Wellesley, Ph.D., Associate Professor of English

REVIEWS:

The sublime: a study of critical theories in XVIII-century England, by S. H. Monk. *J. Engl. Germ. Philol.*, 36:284-86. (1800)

John Arbuthnot, mathematician and satirist, by L. M. Beattie. *Ibid.*, 36:293-94. (1000)

Seed, Lindon, M.S., M.D., Associate Professor of Surgery

See **R. W. Keeton**.

Senear, Francis Eugene, B.S., M.D., Professor of Dermatology and Head of the Department

See **M. R. Caro**.

Severns, William H., M.S., Professor of Mechanical Engineering

ARTICLES:

Estimating the humidification requirements of residences. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 88-100. (4400)

With **M. K. Fahnestock**:

University of Illinois installs new experimental air-conditioning equipment. *Heating, Piping, Air Conditioning*, 9:4:227-30. (4000)

Seybolt, Robert Francis, Ph.D., Professor of the History of Education

ARTICLES:

Asa Turner. *Dict. Amer. Biog.*, 19:57-59.

Jonathan Baldwin Turner. *Ibid.*, 19:68.

James Madison Watson. *Ibid.*, 19:544-45.

William Harvey Wells. *Ibid.*, 19:645-46.

James Pyle Wickersham. *Ibid.*, 20:179-80.

Shannon, William John, A.B., Assistant in Chemistry

See **D. T. Englis**.

Shaw, James Byrne, D.Sc., Professor of Mathematics, Emeritus

ARTICLES:

Irrational rhythms. *Sci. Mo.*, 42:2:168-72. (3000)

Shay, Mary Lucille, Ph.D., Associate in History

REVIEWS:

Italy in the making, 1846-1848, by G. F.H. and J. Berkeley. *Italica*, 13:2:67-68. (500)

Shelford, Victor Ernest, Ph.D., Professor of Zoology

BOOKS:

Animal communities in temperate America (2d ed.). Univ. of Chicago Press, 1937. 368 pp.

ARTICLES:

Conservation of wild life. Chapter 19 of *Our National Resources and Their Conservation*. John Wiley and Sons, N.Y., 1936.

The problem of our grasslands. *Ibid.*, Chapter 7.

Report of the committee on preservation of natural conditions. *Ecology*, 18:306-16.

Shepard, Francis Parker, Ph.D., Associate Professor of Geology

ARTICLES:

The submarine canyons. *Harv. Alum. Bul.*, June 5, 1936, pp. 1126-28.

Submerged valleys in continental slopes and changes of sea level. *Science*, 83:620-21.

Undertow, rip tide, or "rip current." *Ibid.*, 84:181-82.

Continued explorations of California submarine canyons. *Trans. Amer. Geophys. Union*, 1936, pp. 221-23.

The underlying causes of submarine canyons. *Nat. Acad. Sci.*, 22:8:496-502.

Origin of the Great Lakes basins. *J. Geol.*, 45:1:76-88.

Daly's submarine canyon hypothesis. *Amer. J. Sci.*, 33:369-79.

With **G. V. Cohee**:

Continental shelf sediments off the mid-Atlantic states. *Bul. Geol. Soc. Amer.*, 47:440-58. (8000)

With **H. R. Wanless**:

Sea level and climatic changes related to late Paleozoic cycles. *Ibid.*, 47:1177-1206.

Shoupp, William Earl, Ph.D., Instructor in Physics

See **P. G. Kruger**.

Shriner, Ralph Lloyd, Ph.D., Professor of Organic Chemistry

ARTICLES:

With **W. A. Fessler**:

Derivatives of tertiary alcohols. Acid phthalic esters. *J.A.C.S.*, 58:1384-86. (2500)

With **C. Dale**:

2-bromo-9-nitrofluorene and 1,1'-dinitro-3,3'-dibromobifluorenyl. *Ibid.*, 58:1502. (500)

With **R. E. Damschroder**:

Urethans as local anesthetics. III. Alkyl N-(8-Quinolyl) carbamates. *Ibid.*, 58:1610-12. (1500)

With **F. E. Condo**, **E. T. Hinkle**, and **A. Fassero**:

Identification of nitriles. II. Addition compounds of nitriles with mercaptoacetic acid. *Ibid.*, 59:230-32. (2000)

With **R. C. Cary** and **J. F. Vitcha**:

Optically active quaternary ammonium salts from *d*- and *l*-2-octyl *p*-bromo-benzenesulfonates and tertiary amines. *J. Org. Chem.*, 1:280-87. (3000)

Siebert, Fredrick Seaton, A.B., J.D., Associate Professor of Journalism

ARTICLES:

Regulation of the press in the seventeenth century. *Journalism Qt.*, 13:4:381-94. (4200)

Simer, Parke Harvey, Ph.D., Assistant Professor of Anatomy

ARTICLES:

With **R. L. Webb**:

Lymphatics in omental adhesions. *Surg. Gyn. Obstet.*, 64:872-75. (1800)

Singh, Alamjit Dhaliwal, M.S., Special Research Assistant in Chemical Engineering
See **H. F. Johnstone**.

Smith, Cloyde Moffett, E.M., Ph.D., Research Assistant Professor of Mining Engineering
See **D. R. Mitchell**.

Smith, E. Evelyn, A.M., Assistant Professor of Institution Management

ARTICLES:

Factors in selection of equipment. *Practical Home Econ.*, May, 1937.

Smith, Frank, D.Sc., Professor of Systematic Zoology, Emeritus

ARTICLES:

New North American species of earthworms of the family Megascolecidae. *Proc. U.S. Nat. Mus.*, 84:157-81. (11,000)

Smith, G. Frederick, Ph.D., Associate Professor of Chemistry

BOOKS:

With **V. R. Sullivan**:

The electron beam spectrometer. **G. F. Smith Chemical Co.**, Columbus, Ohio, 1936. 40 pp.

ARTICLES:

An improved form of Rogers ring burner. *Ind. Eng. Chem., anal.ed.*, 8:484-85. (1500)

With **G. F. Croad**:

Anhydrous sodium carbonate as a standard of reference in acidimetry. Stability of sodium carbonate in the temperature range 300 deg. to 400 deg. C. *Ibid.*, 9:141-42. (1500)

With **C. A. Getz**:

Rate of dehydration of ethyl alcohol using metallic calcium. *Ibid.*, 9:100-02. (2500)

Articles (continued)

With **V. R. Sullivan** and **G. Frank**:

Hexanitrate ammonium cerate as a proposed reference standard in oxidimetry. *Ibid.*, 8:449-51. (2500)

With **V. R. Sullivan**:

The electron beam spectrometer. A line-operated vacuum tube titrometer for potentiometric titrations with cathode-ray tube replacement of the micro-ammeter. *J. Soc. Chem. Ind.*, 56:104T-108T. (3500)

REVIEWS:

Colorimetric methods of analysis (vol. 1), by **F. D. Snell** and **Cornelia T. Snell**. *J. Chem. Educ.*, 12:597. (600)

Smith, Louie Henrie, Ph.D., Chief in charge of Publications of Soil Survey

See **R. S. Smith**.

Smith, Paul Winston, Ph.D., Associate in Physiology

ARTICLES:

The mechanism of the poisoning action of phloerizin on the kidney. *Proc. Amer. J. Physiol.*, 116:146. (150)

Smith, Raymond Stratton, Ph.D., Professor of Soil Physics

ARTICLES:

With **E. A. Norton**, **E. Winters**, and **H. Wascher**:

Parent materials, subsoil permeability and surface character of Illinois soils. *Ill. Agr. Exp. Sta., mimeo.* (4800)

With **E. A. Norton** and **L. H. Smith**:

Clinton county soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 57, pp. 1-33. (15,000)

Snider, Clyde Frank, Ph.D., Instructor in Political Science

ARTICLES:

Indiana reorganizes for welfare administration. *Nat. Munic. Rev.*, 25:7:426-27. (600)

The organization and functions of county boards in Indiana. *Ind. Law J.*, 12:4:281-315. (9000)

Snider, Howard John, M.S., Assistant Chief in Soil Experiment Fields

ARTICLES:

With **J. E. Giesekeing**:

Estimation of potassium in silicates and soils. *Ind. Eng. Chem.*, 9:232. (1500)

Snyder, Roy Kenneth, M.S., Special Research Assistant in Pharmacy

See **E. N. Gathercoal**.

Somers, Lee Adrian, M.S., Associate in Vegetable Gardening Extension

ARTICLES:

Vegetable exhibitions. Their planning and management. *Ill. Agr. Exp. Sta. Circ.*, 455. (7000)

Staley, Seward Charle, Ph.D., Professor of Physical Education for Men, Head of the Department, and Director of the School of Physical Education

BOOKS:

A sports curriculum. **Bailey and Himes**, Champaign, 1936. 124 pp.

ARTICLES:

The sports students congress in Berlin. *J. Health and Phys. Educ.*, 7:10:613. (3500)

Stallmann, Frederick William, A.M., Assistant in Physics
See *P. G. Kruger*.

Starr, Charles Joseph, B.S., Associate in Mechanical Engineering

ARTICLES:

A study of lip clearance on twist drills. *Trans. A.S.M.E.*, 59:3:197-207. (3500)

Stauffer, Russell Scott, Ph.D., Associate in Soil Physics and Soil Survey

ARTICLES:

Influence of soil management on some physical properties of a soil. *J. Amer. Soc. Agron.*, 28:11:900-06. (3000)

Steck, Irving Elihu, M.S., M.D., Instructor in Physiology and in Medicine

ARTICLES:

Clinical experience in the treatment of arthritis with massive doses of vitamin D. *Ill. Med. J.* 71:3:243-48. (4000)

With *E. Jonas and J. Brams*:

Primary carcinoma of the jejunum. *Ibid.*, 69:5:444-47. (1800)

See also *C. I. Reed*.

Steggerda, Frederic Russell, Ph.D., Assistant Professor of Physiology

ARTICLES:

Comparative study of water metabolism in amphibians injected with pituitrin. *Proc. Soc. Exp. Biol. Med.*, 36:103-06. (550)

With *C. Gianturco*:

A method for visualizing different organs in the normal unanesthetized animal. *Anat. Rec.*, 67:4:405-07. (450)

A roentgenologic study of the shifting of blood in the circulatory system of experimental animals under the influence of various stimuli. *Amer. J. Roentgen. Radium Ther.*, 37:2:175-79. (1700)

Stevens, Neil Everett, Ph.D., Professor of Botany

ARTICLES:

Weather conditions and bacterial wilt of corn in Michigan and Indiana. *Plant Dis. Reporter*, 20:15:241-44.

Notes on the condition of *Zostera marina* in Buttermilk Bay, Massachusetts. *Ibid.*, 20:17:280-81.

Incidence of ear rots in the 1935 corn crop. *Ibid.*, 20:20:316-20.

Third experimental forecast of the incidence of bacterial wilt of corn. *Ibid.*, 21:6:102-07.

Two species of *Physoalospora* in England. *Mycologia*, 28:4:330-36.

A note on the temperature relations of certain fungi. *Ibid.*, 28:6:510-13.

Environmental conditions and the wasting disease of eel-grass. *Science*, 84:2169:87-80.

Was there an outbreak of bacterial wilt of corn in central Illinois in 1891 and 1892? *Trans. Ill. Acad. Sci.*, 29:2:73-75.

Stewart, Charles Leslie, Ph.D., Professor of Agricultural Economics

ARTICLES:

Farm land values as affected by road type and distance. *J. Farm Econ.*, 18:4:724-35. (4100)

Discussion of paper on land value in Germany. *Ibid.*, 19:1:187-80. (1400)

Improved roads and land values. *23d Ann. Conf. Hwy. Eng.*, Feb., 1937, pp. 47-64. (6000)

Articles (continued)

Shifting real estate values in Illinois. *Ill. Farm Econ.*, Sept.-Oct., 1936, pp. 80-81. (850)

With *W. J. Wills*:

Yield dependability on Illinois farms. *Ibid.*, Jan.-Feb., 1937, pp. 97-99. (1600)

Stiven, Frederic Benjamin, Mus.D., A.A.G.O., Professor of Music and Director of the School of Music

ARTICLES:

High lights of the first international congress of music education. *Proc. Mus. Teachers Nat. Assoc.*, 31:31:83-96. (4800)

Music in the universities and colleges of the United States of America. *S. Amer. Mus. Bul.*, Montevideo, and *Les Cahiers de la Musique*, Brussels. (2000)

Struck, Harold Carl, Ph.D., Instructor in Physiology

ARTICLES:

With *M. B. Visscher*:

Effects of prolonged administration of moderate doses of creatine in rats. *Proc. Soc. Exp. Biol. Med.*, 35:532-35. (700)

With *T. Cornbleet*:

Calcium metabolism in scleroderma. *Arch. Derm. Syph.*, 35:188-201. (5000)

With *A. J. Bartoli and Jeannette L. Cohen*:

A study of the total acid soluble phosphorus in skeletal muscle of rats. *Proc. Amer. Physiol. Soc.*, 49th An. Meet., Apr., 1937, p. 11. (300)

See also *C. I. Reed*.

Sullivan, Virgil Richard, A.M., Assistant in Chemistry

See *G. F. Smith*.

Sutton, Arle Herbert, Ph.D., Associate Professor of Geology

ARTICLES:

Fourth annual tri-state geological field conference. *Science*, 85:2194-76. (500)

With *D. G. Sutton*:

Middle Devonian of southern Indiana. *J. Geol.*, 45:3:320-31. (4000)

REVIEWS:

Historical geology, by *Ver Wiebe*. *Econ. Geol.*, 31:6:645-46. (275)

Swann, Sherlock, Jr., Ph.D., Research Associate Professor of Chemical Engineering

ARTICLES:

Electro-organic chemistry. Chapter 11 of *Annual Survey of American Chemistry*, 1935, pp. 152-63. (4300)

Taebel, Wilbert, M.S., Assistant in Chemistry
See *B. S. Hopkins*.

Taft, Donald Reed, Ph.D., Professor of Sociology

ARTICLES:

Nationality and crime. *Amer. Sociol. Rev.*, 1:5:724-36. (4900)

REVIEWS:

New light on delinquency and its treatment, by *W. Healy and Augusta F. Bronner*. *Ill. Law Rev.*, Feb., 1937, pp. 841-43. (700)

Migration and economic opportunity, by *C. Goodrich et al.* *Amer. Sociol. Rev.*, Dec., 1936, pp. 1000-02. (950)

Takats, Geza de, M.D., M.Surg., Associate Professor of Surgery

ARTICLES:

Chapter III of *Trauma and Disease*, by Brachdy and Kahn, 1937, pp. 79-112.

Chapters on varicose veins, thrombosis, and thrombophlebitis and embolism, in Christopher's *Textbook of Surgery*, 1936, pp. 168-187.

Acute arterial occlusions of the extremities. *Amer. J. Surg.*, 33:61.

Surgical treatment of peripheral vascular disease. *N. Y. J. Med.*, Nov., 1936.

With Scupham:

Peripheral vascular diseases. *Arch. Int. Med.*, 58:531-72.

REVIEWS:

Passive vascular exercises and the conservative management of obliterative arterial diseases of the extremities, by L. G. Herrmann. *J.A.M.A.*, 107:901. (650)

Atiologie und Therapie der Varizen und des varikosen Symptomenkomplexes, by F. Jaeger. *Ibid.*, 107:903. (300)

Talbot, Arthur Newell, C.E., D.Sc., E.Eng., LL.D., Professor of Municipal and Sanitary Engineering, Emeritus

ARTICLES:

The relation between track and rolling stock. *Ry. Age*, 102:589-93; *West. Ry. Club*, 49:13-24. (5000)

Report of special committee on stresses in railroad track. *Proc. Amer. Ry. Eng. Assoc.*, 37:101-02. (700)

Discussion on stresses in railroad track. *Ibid.*, 37:954-61. (5000)

Tanner, Fred Wilbur, Ph.D., Professor of Bacteriology and Head of the Department

ARTICLES:

The microbiology of canned foods. *Proc. 2d Internat. Cong. Microbiol.*, 1936, pp. 219-20. (1000)

Report on sampling inoculum. *J. Assoc. Official Chem.*, Aug., 1936, 431-33. (800)

Microbiology of fresh and canned foods. *Food Mfr.*, 11:385-89. (3600)

Some recent advances in food poisoning. *N. Amer. Veterinarian*, 18:19-23. (2700)

With Elaine W. Oglesby:

Influence of temperature on growth and toxin production by *Clostridium botulinum*. *Food Res.*, 1:481-94. (3900)

With F. M. Clark:

Thermophilic canned-food spoilage organisms in sugar and starch. *Ibid.*, 2:27-40. (4000)

Taylor, Aubrey Bryant, Ph.D., Instructor in Physiology

ARTICLES:

With R. L. King:

Further studies on the parasitic ameba found in grasshoppers. *Trans. Amer. Micros. Soc.*, 56:8-10.

Templeman, William Darby, Ph.D., Assistant Professor of English

ARTICLES:

With C. F. Harrold and others:

Victorian bibliography for 1935. *Mod. Philol.* 33:4:403-35. (15,000)

Terry, Ralph Eugene, Ph.G., M.S., Associate Professor of Pharmacy

See E. N. Gathercoal

Thacker, Edgar Abney, M.S., M.D., Instructor in Hygiene and Medical Adviser for Men

ARTICLES:

Tuberculosis control in our educational institutions by the tuberculin x-ray plan. *Ill. Med. J.*, 71:4:354-61. (4600)

Theiss, Edwin Leodgar, Ph.D., C.P.A., Associate Professor of Accountancy

ARTICLES:

The beginnings of business budgeting. *Acct. Rev.*, 12:1:43-55. (9000)

Thomas, Henry Bascom, B.S., M.D., Professor of Orthopaedics, Head of the Department, and Director of the Illinois Surgical Institute for Children

ARTICLES:

With F. W. Hark:

Angiomata of skeletal muscle. *Amer. J. Surg.*, Apr., 1937, pp. 69-72. (1800)

Thomas, Lyell Jay, Ph.D., Assistant Professor of Zoology

BOOKS:

With R. R. Kudo, W. M. Luce, F. A. Brown, and B. V. Hall:

Laboratory manual for an elementary course in general zoology (rev. ed.). Univ. of Ill., Urbana, 1936. 82 pp.

ARTICLES:

A new source of *Diphyllobothrium* infection. *Science*, 85:2196:119. (300)

Bothriocephalus rarus n. sp., a cestode from the newt, *Triturus viridescens* Raf. *J. Parasitol.*, 23:2:119-132. (4800)

Environmental relations and life history of the tapeworm *Bothriocephalus rarus* Thomas. *Ibid.*, 23:2:133-52. (7200)

REVIEWS:

Contributions to a science of nematology, by N. A. Cobb. *Trans. Amer. Micros. Soc.*, Apr., 1937. (800)

Thompson, Charles Manfred, Ph.D., LL.D., Litt.D., McKinley Professor of the Economics of Public Utilities, Dean of the College of Commerce and Business Administration, and Director of the Bureau of Business Research

BOOKS:

High school economics (rev. ed.). Sandorn and Co., Chicago, 1936.

Thorek, Philip, B.S., M.D., Assistant in Anatomy and in Surgery

ARTICLES:

Gas gangrene. *Amer. J. Surg.*, Apr., 1937, pp. 22-26. (3000)

With C. Rutter:

Phytobezoar and trichobezoar. *Ibid.*, Mar., 1937. (3000)

Timmons, Benjamin Finley, Ph.D., Assistant Professor of Sociology

ARTICLES:

Experience in county public welfare organization and administration as a basis for planning in Illinois. *Social Forces*, 15:2:248-54. (4500)

Tracy, Paul Hubert, Ph.D., Professor of Dairy Manufactures

ARTICLES:

Frozen desserts. *Ill. Agr. Exp. Sta. Circ.*, 462. (6000)

Factors responsible for off-flavors in milk. *Milk Dealer*, May, 1936, pp. 114-16. (2300)

TRACY, PAUL HUBERT—Articles (continued)

Stabilizing agents in the ice cream mix. *Can. Dairy Ice Cream J.*, July, 1936, pp. 25-26. (1800)

The use of sodium alginate as a stabilizing agent. *Ice Cream Field*, July, 1936, pp. 18-19. (200)

Freezing ice cream. *Ice Cream Trade J.*, July, 1936, pp. 19-21. (3300)

Factors that must be considered in selecting the mix standard. *Ibid.*, Apr., 1937, pp. 38-40. (2500)

Ways of improving sanitary quality. *Ibid.*, Mar., 1937, pp. 32-33. (1500)

With H. H. Brown:

A study of methods used to improve the sanitary quality of nut meats, flavoring and coloring used in ice cream. *Proc. 36th An. Conv. Internat. Assoc. Ice Cream Mfrs.* (5500)

Trelease, William, D.Sc., LL.D., Professor of Botany, *Emeritus*

ARTICLES:

Piperaceae. In *Flora of Peru*, Part 2, by J. F. Macbride, Field Mus. Nat. Hist. Bot. Series, Vol. 13.

Trjitzinsky, Waldemar Joseph, Ph.D., Associate Professor of Mathematics

ARTICLES:

Linear functionals in the theory of quasi-analytic and D-analytic classes. *Mathematische Zeits.*, 41:493-507. (8000)

Non-linear difference equations. *Compositio Mathematica*, 5:1-66. (38,000)

Trotter, Arnold Herman, A.M., Lecturer in Library Science and Catalog Librarian

ARTICLES:

Organization of the catalog department in a university library. *Catalogers' and Classifiers' Yrbk.*, 5:9-18. (4000)

Report of the planning board. *Ill. Lib.*, 18:4:181-82. (360)

Tuckey, Stewart Lawrence, M.S., Associate in Dairy Manufactures

ARTICLES:

Survey of recent studies on butter manufacture. *Amer. Cream. and Poul. Prod. Rev.*, 83:19:706-09. (2200)

Manufacture of cheese from pasteurized milk. *Nat. Butter and Cheese J.*, 27:23:22-26. (3000)

See also H. A. Ruehe.

Tykociner, Joseph Tykocinski, E.E., Research Professor of Electrical Engineering

ARTICLES:

With M. W. Woodruff:

Flexural vibrations of piezoelectric quartz bars and plates. *Ill. Eng. Exp. Sta. Bul.*, 291, 35 pp.; *Trans. Ill. Acad. Sci.*, 29:2:225-27. (1100)

Tylor, W. Russell, Ph.D., Assistant Professor of Sociology

ARTICLES:

Preparedness for peace. *Decatur Herald Rev.*, Aug. 30, 1936, p. 9. (2200)

See also R. Newcomb.

Van Cleave, Harley Jones, Ph.D., Professor of Zoology

ARTICLES:

Tenuisentis, a new genus of Acanthocephala, and its taxonomic position. *Parasitol.*, 28:3:446-51.

Articles (continued)

Reversal of symmetry in *Campeloma rufum*, a fresh-water snail. *Amer. Naturalist*, 70:567-73.

Acanthocephala from amphibians and reptiles of China (Abstract). *J. Parasitol.*, 22:4:530.

Acanthocephala of the genus *Corynosoma* from birds of Dyer Island, South Africa. Göteborgs Kungl. Vetenskaps-och Vitterhets-Samhälles Handlingar. Ser. B., 5:2:1-6.

With Emily M. Richey:

Studies on the radula in snails of the genus *Viviparus*. *Trans. Amer. Micros. Soc.*, 55:2:223-29.

With L. H. Townsend:

On the assignment of *Echinorhynchus dirus* to the genus *Acanthocephalus*. *Proc. Helm. Soc., Wash.*, 3:2:63.

With Dorothy A. Altringer:

Studies on the life cycle of *Campeloma rufum*, a fresh-water snail. *Amer. Naturalist*, 71:167-84.

Van Derpool, James Grote, B.Arch., Associate Professor of the History of Architecture

ARTICLES:

Comparison of Byzantine planning at Constantinople and in Greece proper. *Art Bul.*, Dec., 1936. (7500)

Van Horne, John, Ph.D., Professor of Romance Languages

ARTICLES:

Fray Antonio Tello, historian. *Hispania*, 19:191-200. (4500)

Editorial comment. *Italica*, 13:17-26, 47-54, 95-101; 14:17-26. (17,500)

Von Bonin, Gerhardt, M.D., Associate Professor of Anatomy

ARTICLES:

Skeletal material from the Lowry area. Chapter 7 of *Lowry Ruin in Southwestern Colorado*, by P. S. Martin, *Field Mus. Nat. Hist. Anthropol. Series*, 23:1:143-214. (18,000)

On the craniology of Oceania. *Crania from New Britain. Biometrika*, June, 1936, pp. 123-48. (6500)

A first study of the size of the cells in the cerebral cortex. *J. Comp. Neurol.*, 66:1:103-11. (1700)

Wachowski, Theodore John, B.S., M.D., Associate in Roentgenology

See A. Hartung.

Walls, Edna Elliott, A.M., Assistant Professor of Child Development and Parent Education

ARTICLES:

With A. Varland, M. Lind, and others:

Toys and equipment that can be made at home. *Ill. Ext. Serv. Agr. Home Econ.*, 1937. 30 pp.

Wanless, Harold Rollin, Ph.D., Associate Professor of Geology

ARTICLES:

Pennsylvanian correlation between the eastern interior and the Appalachian coal fields. *Proc. Geol. Soc. Amer.*, June, 1936. (150)

See also F. P. Shepard.

Ward, Gladys Josephine, A.M., Associate in Home Management Extension

ARTICLES:

Kitchen clinics. *J. Home Econ.*, 28:445-46. (800)

Ward, Henry Baldwin, Ph.D., LL.D., Professor of Zoology, Emeritus

ARTICLES:

Meetings of the executive committee of the A.A.A.S. *Science*, 83:439-40; 84:460-61. (2500)

Preliminary announcement of Rochester meeting of A.A.A.S. *Ibid.*, 83:447-56. (8500)

Grants in aid of research. *Ibid.*, 83:569. (750)

Joint meeting at Rochester and Ithaca. *Ibid.*, 84:93-113. (20,000)

Preliminary announcement of second Atlantic City meetings. *Ibid.*, 84:465-75. (10,000)

Friday's program at Atlantic City. *Ibid.*, 84:547-48. (600)

Christmas meeting of A.A.A.S. *Sci. Mo.*, 43:575-77. (650)

Atlantic City meeting of A.A.A.S. *Nature*, 139:202-04. (2500)

Atlantic City meeting of A.A.A.S. and associated societies. *Science*, 85:129-64. (26,000)

Stream pollution. *U. S. Senate, 74th Cong., 2d Session*, 3958-59, 4342, 4627. (2000)

REVIEWS:

The microscope, by S. H. Gage. *Trans. Amer. Micr. Soc.*, 56:117. (400)

Warren, William J., Ph.D., Instructor in Electrical Engineering

ARTICLES:

Power factor changes of some commercial rubber insulations with aging. *Rpt. Comm. Elec. Insulation, Nat. Res. Council*, 1936, p. 25. (1000)

Wascher, Herman, M.S., Assistant Chief in Soil Survey

See R. S. Smith.

Watson, Floyd Rowe, Ph.D., Professor of Experimental Physics

ARTICLES:

The sound absorbing value of Portland cement concretes. *J. Amer. Concrete Inst.*, 7:659-72. (5500)

Building acoustics. *Proc. Assoc. Supts. Bldgs. and Grounds of Univs. and Colls.* (2700)

Selected topics in acoustics. *Sch. Sci. Math.*, 36:474-78. (2000)

REVIEWS:

The new acoustics, by N. W. McLachlan. *J. Acous. Soc.*, 8:64. (350)

Elektroakustische Untersuchungen in Hörräumen, by Hans Frei. *Ibid.*, 7:64. (200)

Editorial reviews. *Ibid.*, 7 *passim*.

Webb, Richard Lockwood, Ph.D., Assistant Professor of Anatomy

ARTICLES:

With Parke H. Simer:

Lymphatics in omental adhesions. *Surg. Gyn. Obstet.*, 64:872-75. (1800)

Webster, George Lewis, Ph.G., B.S., Associate in Chemistry

ARTICLES:

With F. F. Blicke:

Arsinic acids. *J.A.C.S.*, 59:534-37. (2000)

Arsinyls. VIII. Amino and hydroxydiarsyls. *Ibid.*, 59:537-39. (2000)

Weinard, Frederick Francis, Ph.D., Associate Professor of Floricultural Physiology

ARTICLES:

An experiment with callas. To note effects of dips on growth. *Flor. Rev.*, 79:2035-24. (500)

The fourteenth annual Illinois state florists' week. *Flor. Exch.*, 88:11:10A. (2500)

Weisiger, George Bates, B.S., LL.B., J.D., Professor of Law

BOOKS:

Manual for the use of law books (2d ed.). The Bobbs-Merrill Co., Indianapolis, 1937. ix + 107 pp.

Welker, William Henry, A.C., Ph.D., Professor of Physiological Chemistry and Head of the Department

ARTICLES:

Air conditioning and its effect on hay fever and pollen asthma. *Ill. Eng. Exp. Sta. Circ.*, 26, pp. 15-25; *Heat. Vent. J.*, Nov., 1936, pp. 35-38. (2800)

Werner, Raymond Clarence, Ph.D., Assistant Professor of History

BOOKS:

Syllabus of the history of the United States, Part III, 1828-1917. Univ. of Ill. Supply Store, 1937. 53 pp.

White, Herbert LeRoy, B.S., C.E., Sanitary Engineer

ARTICLES:

A critical analysis of gravel-packed wells. *Water Works Eng.*, 89:17:1077-78. (6700)

Gravel-packed wells. *J. Amer. Water Works Assoc.*, 29:4:475-88. (6700)

Whitlock, Mary Cecelia, A.M., Assistant Professor of Home Economics

ARTICLES:

"10 long steps" or why this customer wants more labeling. *Retailing* (exec. ed.), 8:51:4-5. (1100)

How to buy values in textiles and clothing. *Ill. Agr. Exp. Sta. Circ.* 16 pp. (2500)

Beauty plus service. *Women's Wear Daily*, Nov. 25, 1936. (2400)

With others:

Wearability of silk dresses, 1931-1934. Mimeo. by National Federation of Textiles, Inc., Mar., 1936, 54 pp. Abstract, *A.S.T.M. Standards on Textile Material*, Oct., 1936, pp. 272-280 (3600). Also abstract, *J. Home Econ.*, 28:10:677-79. (1200)

Wickwire, George Charles, M.S., Instructor in Physiology

ARTICLES:

With W. E. Burge and Ruth Krouse:

The influence of copper on the rate of disintegration of mammalian erythrocytes. *Amer. J. Physiol.*, 116:3:638-40. (1000)

Wien, Max Samuel, B.S., M.D., Associate Professor of Dermatology

ARTICLES:

With Minnie O. Perlstein:

The intradermal treatment of lymphogranuloma inguinale. *Brit. J. Derm. Syph.*, 49:63-65.

Ulcerative lesions of the skin in lymphogranuloma inguinale. *J.A.M.A.*, 108:27-30.

Wiley, Carroll Carson, B.S., C.E., Professor of Civil Engineering

ARTICLES:

Yesterday and today with the police. *Pub. Ill. Policemen's Assoc.*, July-Sept., 1936. (1100)

The attitude of the driver. *Nat. Safety Council Proc.*, Oct., 1936. (2100)

Will, Samuel Frederic, Ph.D., Associate Professor of Romance Languages

BOOKS:

With T. R. Palfrey:

Petite anthologie: poésies françaises. F. S. Crofts and Co., N.Y., 1936. ix + 130 pp.

With P. E. Jacob:

Jean-Jacques Rousseau. Selections from the *Confessions* and *Rêveries d'un Promeneur Solitaire*. Henry Holt and Co., N.Y., 1937. xli + 233 + iv pp.

ARTICLES:

A note on Ronsard's *Epitafe de François Rabelais*. *Mod. Lang. Notes*, Nov., 1936, pp. 455-58. (1400)

With V. L. Sikes:

American studies on the French Renaissance. *Romanic Rev.*, 27:3-4:201-04. (1800)

REVIEWS:

État présent des études sur Villon, by Louis Cons. *Bks. Abroad*, 10:3:316. (300)

Willard, Arthur Cutts, B.S., D.Eng., LL.D., President

ARTICLES:

The state university and professional education. *Proc. An. Cong. Med. Educ., Med. Licensure and Hosp.*, Chicago, Feb., 1936. (2000)

What is air conditioning. *Master Plumber*, 7:3:14-15; *N. J. Master Plumber*, 1:8:6. (1500)

Wills, Walter Joe, B.S., Assistant in Agricultural Economics

See C. L. Stewart.

Wilson, Wilbur M., M.M.E., C.E., Research Professor of Structural Engineering

ARTICLES:

Tests of steel columns. *Ill. Eng. Exp. Sta. Bul.*, 292. 25 pp.

Applications of the wedge extensometer. *Proc. A.S.T.M.*, Vol. 36, Part II, pp. 807-12. (1800)

Wilson, Wilfrid, B.S., Dr.Math. et Phys., Associate in Mathematics

ARTICLES:

Two theorems on product complexes. *Compositio Math.*, 4:2:285-86. (400)

On e-nets in a complex. *Ibid.*, 4:2:287-93. (2500)

Winakor, Arthur Harry, Ph.D., C.P.A., Statistician in the Bureau of Institutional Research

ARTICLES:

Capacity to pay current debts. *Ill. Bur. Bus. Res. Bul.*, 53.

Windsor, Phineas Lawrence, Ph.B., Professor of Library Science, Director of the Library School and of the Library

ARTICLES:

With A. M. Boyd:

The objectives and content of public documents courses. A chapter in *Public Documents*, 1935, pp. 179-195. (6800)

Winters, Eric, Jr., M.S., Associate in Soil Physics and Soil Survey

See R. S. Smith.

Wirth, Elmer Hauser, Ph.C., Ph.D., Assistant Professor of Pharmacognosy

BOOKS:

See E. N. Gathercoal.

ARTICLES:

Acid-insoluble ash in colocynth. *Nat. Formulary Bul.*, 5:2414-15. (700)

The botanical name of jalap. *Ibid.*, 5:2448-49. (350)

The tolerance standard for cacao praeparatum. *Ibid.*, 6:2515-16. (550)

Ether soluble extractive of kamala. *Ibid.*, 6:2544-45. (450)

The quantitative determination of volatile oils in vegetable drugs. *Ibid.*, 6:2555-60. (2600)

With G. Bruch:

Studies on poplar bud. *J.A.Ph.A.*, 25:672-82. (5300)

REVIEWS:

Abstracts and reviews from "Pharmaceutische Weekblad," "Pharmaceutische Tijdschrift," and "Pharmaceutische Tijdschrift voor Nederlands Indie." *Pharm. Absts.*, Vols. II and III, *passim*. (15,000)

Wishart, Harold Bertram, M.S., Special Research Assistant in Engineering Materials

See H. F. Moore and S. W. Lyon.

Womack, Madelyn, Ph.D., Special Research Assistant in Chemistry

See W. C. Rose.

Woodrow, Herbert, Ph.D., Professor of Psychology and Head of the Department

ARTICLES:

The measurement of difficulty. *Psych. Rev.*, 43:341-65. (12,500)

Absolute scaling applied to the data yielded by the method of constant stimuli. *J. Exp. Psych.*, 20:1:28. (14,000)

The interrelationship of conditions of difficulty: 1. The effect of change in number at various spatial separations on simultaneous letter-span. *J. Gen. Psych.*, 16:83-102. (9500)

Number, spatial separation and illumination as conditions of simultaneous letter span. *Ibid.*, 16:103-30. (13,500)

Two quantitative laws relating to goodness of performance. *J. Psych.*, 4:139-59. (10,000)

Report of the division of anthropology and psychology, National Research Council. *Psych. Bul.*, 33:699-700. (500)

Report of committee on the experimental study of suggestion. *Ibid.*, 33:698-99. (300)

With L. H. Stott:

The effect of practice on positive time-order errors. *J. Exp. Psych.*, 6:694-705. (6000)

With L. A. Wilson:

A simple procedure for approximate factor analysis. *Psychometrika*, 1:245-58. (6500)

REVIEWS:

Psychometric methods, by J. P. Guilford. *Ibid.*, 1:295-96. (800)

Woodruff, Sybil, Ph.D., Professor of Foods

ARTICLES:

With Majel M. MacMasters:

The effects on corn and wheat starch gels produced by pretreating the starches with freezing or with chemical reagents. *Trans. Ill. Acad. Sci.*, 29:2:107-09. (850)

Wright, Ivan, Ph.D., Professor of Economics

ARTICLES:

Private banking is safer than government banking. *Econ. Nat. Comm. on Monetary Policy*, July, 1936. (2000)

The consequences of inflation. *Ibid.* (1500)

Unsolved research problems in money, credit and banking. *Mag. Banking*, Jan., 1937. (3000)

Managing your personal estate through a period of inflation. *La Salle St. Cashier*, Mar., 1937. (2000)

Trend of long term mortgage money rates. *An. Rpt. N. Central Bldg. Loan League*, Jan., 1937.

REVIEWS:

Managing the people's money, by J. E. Goodbar. *Pol. Sci. Qtr.*, Dec., 1936.

Crises and cycles, W. Ropke. *Ibid.*, Mar., 1937.

The downfall of the gold standard, by G. Cassel. *Ibid.*

World finance 1914-1935, by P. Einzig. *Ibid.*

Agricultural credit: a study of recent developments in agricultural credit administration in the United States, by A. I. Qureshi. *Ibid.*

International money markets, by J. T. Madden and M. Nadler. *Econ. Forum*, Spring, 1936.

Aspects of the theory of international capital movements, by C. Iversen. *Ibid.*, Fall, 1936.

Young, Paul Thomas, Ph.D., Professor of Psychology

ARTICLES:

A group experiment upon the affective reaction to odors. *Amer. J. Psych.*, 49:277-86. (5000)

REVIEWS:

Elementary general psychology, by S. W. Fernberger. *Psych. Bul.*, 34:2:110-14. (1500)

Zechel, Gustav Leopold, M.D., Assistant Professor of Anatomy and Associate in Surgery

ARTICLES:

The cirrhosis of the liver as a surgical problem. *Ill. Med. J.*, Dec., 1936, pp. 1-20. (4000)

Application of adhesive plaster. *Amer. J. Surg.*, 32:2:324. (200)

Zeitlin, Howard, M.S., M.D., Instructor in Pathology and in Psychiatry

ARTICLES:

With B. W. Lichtenstein:

Occlusion of the anterior spinal artery. *Arch. Neurol. Psychiat.*, 36:96-111.

Caisson disease. *Arch. Pathol.*, 22:86-98.

Actinomycotic abscess of the brain. *Ibid.*, 23:58-66.

Zeitlin, Jacob, Ph.D., Professor of English

BOOKS:

Essays of Michel de Montaigne. Vol. III. Alfred A. Knopf, N.Y., 1936. 581 pp.

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BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1937—April 30, 1938

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1938, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1938-1939 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

Ackerman, Joseph, M.S., Associate in Farm Management

ARTICLES:

Factors influencing farm lending experience in Coles and the six adjoining counties, Illinois, 1917, 1933. *J. Amer. Soc. Farm Mgrs. and Rural Appraisers*, 11:1:36-38. (800)

See also H. C. M. Case, L. J. Norton, and C. L. Stewart.

Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

BOOKS:

See C. S. Marvel.

ARTICLES:

With C. R. Kinney:

Dideuteriovaline and dideuterioleucine. *J.A.C.S.*, 59:897-98. (1000)

With F. C. McGrew:

Stereochemistry of deuterium compounds of the type $RR'CXHXD$: ethyl-*d*₄-ethylcarbinol. *Ibid.*, 59:1497-1500. (2100)

With K. N. Campbell and R. C. Morris:

The structure of gossypol. I. *Ibid.*, 59:1723-28. (3300)

With R. F. Miller and D. J. Butterbaugh:

Structure of gossypol. II. Acylation. *Ibid.*, 59:1729-31. (1800)

With R. C. Morris:

The structure of gossypol. III. Gossypol ethers. *Ibid.*, 59:1731-35. (3000)

With R. F. Miller:

Structure of gossypol. IV. Anhydrogossypol and its derivatives. *Ibid.*, 59:1736-38. (2000)

With W. B. Burnett, R. L. Jenkins, C. H. Peet, and E. E. Dreger:

Dialkylaminoalkanol esters of *p*-aminobenzoic acid. *Ibid.*, 59:2248-52. (2500)

With M. T. Leffler:

Aminophenyl-2-oxazolones as local anesthetics. *Ibid.*, 59:2252-58. (4000)

With A. Novelli:

Aminophenyl-2-pentoxazolines. *Ibid.*, 59:2259-60. (1000)

With S. H. Babcock:

Aminophenyl thiazolines and thiazines. *Ibid.*, 59:2260-61. (1200)

With B. S. Friedman and M. Sparks:

Aminophenyl oxazoles and thiazoles. *Ibid.*, 59:2262-64. (2000)

With Allene Jeanes:

The addition of alkali metals to phenanthrene. *Ibid.*, 59:2608-22. (9600)

Albig, John William, Ph.D., Assistant Professor of Sociology

ARTICLES:

The content of radio programs, 1925-1935. *J. Social Forces*, 16:3:338-49.

Alien, Harry Kenneth, Ph.D., Assistant Professor of Economics

ARTICLES:

Municipal finance. *Amer. Yr. Bk.*, 1938, pp. 232-38. (5000)

Local government by remote control. *Ill. J. Com.*, 20:2:9. (4000)

Almy, Gerald Marks, Ph.D., Assistant Professor of Physics

ARTICLES:

With G. D. Kinzer:

The emission spectrum of diatomic arsenic II. *Phys. Rev.*, 52:8:814-21. (5000)

Alsterlund, John Frederick, A.M., Special Research Assistant in the Engineering Experiment Station

ARTICLES:

With C. C. Compton:

Effects of nicotine fumigation at short exposure and assumed high concentration. *J. Econ. Entom.*, 30:4:571-75. (3000)

Ames, Alfred Campbell, A.M., Assistant in English

ARTICLES:

Some English mosaics from Faust. *Monatshefte für deutschen Unterricht*, 29:6:266-71. (3000)

Anderson, Harold Homer, Ph.D., Assistant Professor of Psychology

ARTICLES:

An experimental study of dominative and integrative behavior in children of pre-school age: *J. Social Psych.*, 8:335-45. (3600)

Domination and integration in the social behavior of young children in an experimental play situation. *Genetic Psych. Monog.*, 19:3:341-408. (25,000)

REVIEWS:

The psychology of the unadjusted school child. (rev. ed.), by J. J. B. Morgan. *Amer. J. Psych.*, 1937, pp. 494-95. (800)

Anderson, Harry Warren, Ph.D., Professor of Pomological Pathology

ARTICLES:

Injury to apple foliage and fruit in the 1937 season. *Trans. Ill. Hort. Soc.*, 71: 432-39.

With W. P. Flint:

Directions for spraying fruits in Illinois (rev.). *Ill. Agr. Exp. Sta. Circ.*, 447, 25 pp. (15,000)

ANDERSON, H. W.—Articles (continued)

With W. P. Flint and W. A. Ruth:

The season of 1937. *Trans. Ill. Hort. Soc.* 71:43-52.

With K. J. Kadow:

Evaluation of some sulfur fungicides. *Ibid.*, 71:245-55.

Damping-off control in Illinois. *Ill. Agr. Exp. Sta. Circ.*, 481, 11 pp.

Damping-off control. An evaluation of seed and soil treatments. *Ill. Agr. Exp. Sta. Bul.*, 439, pp. 291-348.

The value of new copper sprays as fungicides for the control of apple blotch, cherry leaf spot and apple scab. *Phytopath.*, 28:247-56.

With K. J. Kadow and D. Powell:

Copper sprays tested in the 1937 Illinois spray schedule. *Trans. Ill. Hort. Soc.*, 71:255-69.

With K. J. Kadow and S. L. Hopperstead:

Control of sclerotinia and botrytis stem rots of greenhouse tomatoes and cucumbers. *Phytopath.*, 28:225-27.

Arnim, Sumter Smith, D.D.S., Ph.D., Assistant Professor of Operative Dentistry and Acting Head of the Department

ARTICLES:

The present-day concept of caries based on clinical and experimental data and the most fruitful approach to the prevention and control of the condition. *Internat. J. Orthodontia and Oral Surg.*, 23:10:1045. (5500)

Arnold, Joseph Norman, M.S., Assistant Professor of General Engineering Drawing

ARTICLES:

Measuring student and instructor performance in engineering drawing. *J. Eng. Drawing*, 1:2:1-5. (5000)

With F. H. Warner:

Cut and fill volume told by chart. *Eng. News-Rec.*, 119:2:75. (400)

Aron, Albert William, Ph.D., Professor of German and Head of the Department

ARTICLES:

The shifting evaluation of baroque literature. *Monatshefte für Deutschen Unterricht*, 29:5:193-200. (3700)

Romain Rolland and Goethe. *Ibid.*, 30:3:4:98-109. (5600)

Ashby, Robert C., Ph.D., Professor of Livestock Marketing

ARTICLES:

Where to? *U. S. Live Stock News*, 4:3:3-7; *Sheep and Goat Raiser's Mag.*, 18:2:3-4. (4000)

Present day marketing problems cannot be solved by stockmen acting as individuals. *Pacific Stockman*, 4:4:1. (1400)

Relation of the auction market to the livestock industry. *Proc. Amer. Soc. Animal Prod.*, Dec., 1937. (1700)

Livestock auction markets in Illinois. *Looking Ahead in Cooperative Marketing*, U. of I. Dept. of Agr. Econ. Mimeo. (1500)

Stop guessing—use tested scales. *Nat. Live Stock Prod.*, 16:4:7. (900)

Know shrink records—used tested scales. *Ibid.*, 16:5:9. (1400)

Auctions—the place they hold in livestock marketing. *Ibid.*, 16:9. (1900)

With E. N. Searls:

1937 motor truck cost studies. U. of I. Dept. of Agr. Econ. Mimeo., 764. 8 pp. (3700)

Articles (continued)

With L. J. Norton and L. H. Simerl:

Summary of the cooperative survey in Illinois — livestock marketing associations. *Ibid.*, 844, 9 pp. (2500)

With H. H. Alp and L. E. Card:

Studies of the market quality of eggs from 109 farms in southeastern Illinois. *Ill. Agr. Exp. Sta. Bul.*, 441, pp. 397-411. (5000)

Astell, Louis Alexander, M.S., Teacher of Science in University High School

ARTICLES:

The radio program as an aid in education. *Sch. Sci. Math.*, 38:293-99. (3000)

The development and needs of visual aids in chemical education. *Educ. Screen*, 17:150-52. (2500)

Audieth, Ludwig Frederick, Ph.D., Assistant Professor of Chemistry

ARTICLES:

With T. E. Franks:

Corrosion of some alloys by solutions of ammonium salts in liquid ammonia. *Metals and Alloys*, 9:51-52. (2000)

With C. Slobutsky and R. W. Campbell:

Acid catalysis in liquid ammonia. I. Ammonolysis of diethylmalonate. *Proc. Nat. Acad. Sci.*, 23:611-15. (2500)

With L. L. Fellingner:

Acid catalysis in liquid ammonia. II. Ammonolysis of ethyl benzoate. *J.A.C.S.*, 60:579-81. (2000)

Babbitt, Harold Eaton, M.S., Professor of Sanitary Engineering

ARTICLES:

Some recent developments in water works practice. *J. Amer. Water Works Assoc.*, 30:453. (3000)

Trends and developments in water purification practice in 1937. *Bul. Assoc. State Eng. Soc.*, 13:2:102. (3000)

REVIEWS:

Solution of transmission problems of a water system, by E. H. Aldrich. *Proc. A.S.C.E.*, 64:380. (1500)

Bachem, Albert, Ph.D., Professor of Biophysics

ARTICLES:

Various types of absolute pitch. *J. Acous. Soc. Amer.*, 9:146-51. (3400)

With P. J. Melnick:

The time factor in the irradiation of malignant tumors. *Arch. Path.*, 23:757-92. (10,000)

Badger, Alfred Earl, M.S., Research Associate in Ceramic Engineering

ARTICLES:

With C. G. Harman:

Method of determining density of molten glass. *Glass Ind.*, 19:4:145. (700)

Method of improving the appearance of silica brick. *Brick and Clay Rec.*, 90:5:292. (900)

See also C. W. Parmelee and B. W. King.

Badger, Carroll John, B.S., Associate in Soil Experiment Fields

See F. C. Bauer.

Bailar, John Christian, Jr., Ph.D., Assistant Professor of Chemistry

BAILAR, J. C. (continued)**ARTICLES:**

- Chemistry for its professional value. *Sci. Teach.*, 4:2:5. (600)
 Introduction to the symposium (on complex inorganic compounds). *Chem. Rev.*, 21:1-2. (700)

REVIEWS:

- Laboratory manual of general chemistry, by Walton and Krauskopf. *J. Chem. Educ.*, 14:600. (400)
 Laboratory manual of general chemistry, by Holmes. *Ibid.*, 15:97. (400)

Bailey, Harold Wood, Ph.D., Assistant Professor of Mathematics

ARTICLES:

- Some problems of junior college mathematics. *Bul. Kans. Assoc. Teach. Math.*, 12:4:7-13. (5200)

Baker, Frank Collins, B.S., Curator of the Museum of Natural History

ARTICLES:

- Abundance of the European starling in Illinois. *Science*, 85:564. (350)
 An Illinois record for the little brown crane. *Auk*, 54:388. (200)
 A new Pleistocene race of *Polygyra* appressa. *Nautilus*, 51:23. (300)
 New land and freshwater mollusca from the upper Pliocene of Kansas and a new species of *Gyraulus* from early Pleistocene strata. *Ibid.*, 51:126-31. (2000)
 Pleistocene land and freshwater mollusca as indicators of time and ecological conditions. Chap. 7 in *Early Man as Depicted by Leading Authorities at the International Symposium of the Academy of Natural Sciences*, J. B. Lippincott Co., Phila. (2500)

Baker, Robert Horace, Ph.D., D.Sc., Professor of Astronomy and Head of the Department

BOOKS:

- Introducing the constellations. Viking Press, N. Y., 1937. 205 pp.
 Astronomy (3d ed.). D. Van Nostrand Co., N. Y., 1938. xii + 515 pp.

Balduf, Walter Valentine, Ph.D., Assistant Professor of Entomology

ARTICLES:

- The volume of entomological literature. *Science*, 85:542-44. (1600)
 Bionomic notes on the common bagworm, *Thyridopteryx ephemeraeformis*, and its insect enemies. *Proc. Ent. Soc. Wash.*, 39:169-84. (7000)
 Bionomic notes on *Exartema ferriferanum* Walk. and its parasites. *J. N. Y. Ent. Soc.*, 46:23-26. (1300)

Balseiro, José A., LL.B., Associate Professor of Romance Languages

ARTICLES:

- Azorín *Nosotros* (Buenos Aires), 2:17:359-80. (8500)
 En torno al romanticismo. *El Mundo* (San Juan de Puerto Rico), Nov. 28, 1937, p. 5. (5000)
 Baroja y la popularidad. *Hispania*, 21:1:19-26. (3000)

Barlow, Reuel Richard, A.M., Professor of Journalism

ARTICLES:

- The newspaper sets its policy. *Survey of Journalism*, by G. F. Mott and others, Barnes and Noble, N.Y., 1937, pp. 246-51.

Articles (continued)

- The press as a political and social force. *Ibid.*, pp. 261-69.
 The world's press systems. *Ibid.*, pp. 270-77.
 The spurious "English Mercurie." *Journ. Qrt.*, 14:3:249-52. (1000)
 The foreign press: France. *Ibid.*, 14:3:293-95; 14:4:396-98; 15:1:79-81. (3600)

REVIEWS:

- The press and world affairs, by R. W. Desmond. *Ibid.*, 14:3:273-75. (1000)
 England goes to press, by R. Postgate and A. Vallance. *Ibid.*, 14:4:372-73. (600)
 The Morning Post, 1772-1937, by W. Hindle. *Ibid.*, 15:1:55-56. (600)

Bartlett, James Holley, Jr., Ph.D., Associate Professor of Theoretical Physics

ARTICLES:

- Neutron-proton interactions. *Phys. Rev.*, 51:889. (600)
 Stopping of cosmic-ray electrons. *Bul. Amer. Phys. Soc.*, Apr. 16, 1938. (150)

Bartlett, Roland Willey, Ph.D., Assistant Professor of Agricultural Economics

ARTICLES:

- Today and tomorrow in the milk business. Dairy Marketing Instit., N. J. State Coll. Agr. Mimeo., 1938, 11 pp.; *Ohio Milk Producers*, 1:10:10.
 What the future holds for Illinois dairymen and their organizations. Ill. Milk Producers Assoc. Mimeo., 1938.
 Looking ahead in cooperative dairy marketing for Illinois as a whole. *Pure Milk*, Mar., 1938.
 Increasing the efficiency of milk distribution. Dairy Mfrs. Short Course Manual, 1937, p. 211-18; *Hoards Dairyman*, 83:3; *Amer. Produce Rev.*, 85:14:380-82.
 Distribution of milk through stores and depots. *Ill. Farm Econ.*, May-June, 1937, pp. 116-19.
 Business conditions, Illinois farm prices, changes in unemployment, and changes in factory payrolls. *Ibid.*, Sept.-Oct., 1937, pp. 129-31.
 Comparison of living standards in different countries. *Ibid.*, Jan., 1938, pp. 146-47.
 High market milk prices reduce milk consumption. *Ibid.*, Mar.-Apr., 1938, pp. 161-65.

REVIEWS:

- The hill country of northern New England: its social and economic history, 1790-1930, by Harold F. Wilson. *J. Farm. Econ.*, 20:2:549-50. (400)

Bartow, Virginia, Ph.D., Associate in Chemistry

ARTICLES:

- William Albert Noyes: An appreciation. *Alpha Chi Sigma-Zeta Ion*, 3:1:1-2. (500)
 Richard Watson: Chemist and clergyman. *J. Chem. Educ.*, 15:3. (5000)

Bauer, Edward Ezra, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

- Hydrometer computations in soil studies simplified. *Eng. News-Rec.*, 118:662-64. (3500)
 Processes in manufacture of portland cement. *Roads and Streets*, May, 1937, pp. 55-60. (2000)
 Chemical aspects of manufacture and use of portland cement. *Ibid.*, June, 1937, pp. 40-43. (2000)

BAUER, E. E.—Articles (continued)

Manufacture and use of portland cement—recent trends in manufacture, testing and specification writing. *Ibid.*, July, 1937, pp. 51-54. (2000)

A beginning course in soil mechanics. *Civ. Eng. Bul.*, Mar., 1938, p. 4. (900)

Bauer, Frederick Charles, Ph.D., Professor of Soil Fertility**ARTICLES:**

Comparative effects of soils, fertilizers and systems of soil treatment on crop yields. U. of I. Dept. of Agron. Mimeo., 1937. 23 pp. (300)

With L. B. Miller:

Fertilizing Illinois wheat. *Ibid.*, 10 pp. (1800)

Effect of soil treatment in stabilizing yields of winter wheat. *J. Amer. Soc. Agron.*, 29:9:728-34. (1200)

With A. L. Lang, C. J. Badger, L. B. Miller, C. H. Farnham, P. E. Johnson, and L. F. Marriott:

Soil experiment fields crop yields, 1937. U. of I. Dept. of Agron. Mimeo., 1938. 24 pp. (230)

See also W. B. Nevins.

Beach, Frank Herman, Ph.D., Assistant Professor of Business Organization and Operation**ARTICLES:**

Modern trends in advertising and creating consumer demand. *Ice Cream Rev.*, Dec., 1937. (4000)

Beadles, Jessie Rachel, B.S., Assistant in Animal Nutrition

See H. H. Mitchell.

Beamer, Parker Reynolds, M.S., Assistant in Bacteriology

See F. W. Tanner.

Beard, Joseph Howard, A.M., M.D., Professor of Hygiene, Head of the Department of Health Service, and University Health Officer**ARTICLES:**

Health teaching in high schools. *School and Soc.*, 47:1217:545-49. (3200)

Beck, William Carl, A.B., B.M., M.D., Associate in Surgery**ARTICLES:**

Chemical burns of the face. *Surg. Clin. N. Amer.*, Feb., 1938.

See also G. de Takats.

Behling, Burton Neubert, Ph.D., Instructor in Economics**ARTICLES:**

Note on monopoly and competition. *Amer. Econ. Rev.*, 27:4:767-68. (600)

REVIEWS:

The twilight of American capitalism: an economic interpretation of the New Deal, by A. S. J. Baster. *Ibid.*, 27:4:786-87. (600)

Benner, Thomas Eliot, Ed.D., Professor of Education and Dean of the College of Education**ARTICLES:**

With E. H. Potthoff and others:

Subject-matter preparation of secondary school teachers. *North Central Assoc. Qt.*, Apr., 1938, pp. 439-539.

Articles (continued)

With J. A. Clement and others:

Report to the Galesburg board of education concerning curriculum, buildings, finance. Mimeo., May, 1938. 41 pp.

Berdahl, Clarence Arthur, Ph.D., Professor of Political Science**ARTICLES:**

The implications of the Kellogg Pact with respect to American foreign policy. *N. Y. Univ. Law Qt. Rev.*, 15:1:82-106. (12,000)

The President's veto of private bills. *Pol. Sci. Qt.*, 52:4:505-31. (10,000)

REVIEWS:

Survey of international affairs, 1935, by A. J. Toynbee. *Amer. Pol. Sci. Rev.*, 31:3: 544-46. (1000)

At the Paris Peace Conference, by J. T. Shotwell. *Ibid.*, 32:2:371-73. (900)

Bergeim, Olaf, Ph.D., Associate Professor of Physiological Chemistry**BOOKS:**

With P. B. Hawk, B. L. Oser, and A. G. Cole:
Practical physiological chemistry (11th ed.). P. Blakiston's Son and Co., Phila., 1937. xxii + 968 pp.

Bigelow, Howard French, A.M., Assistant Professor of Home Management**ARTICLES:**

The consumption unit of society—the family. *Ann. Amer. Acad. Pol. Social Sci.*, Mar., 1938. (2000)

Bisesi, Joseph Louis, M.S., E.E., Special Research Associate in Engineering Materials
See H. F. Moore.**Black, Charles Theodore, M.S., Assistant in Zoology****ARTICLES:**

Additional Illinois golden eagle records. *Auk*, 54:3:385-88. (1400)

Black, Dorothy Miller, A.M., Reference Assistant in the Library**ARTICLES:**

"Give away" plan of selling. *Lib. J.*, 63:108. (600)

Supreme court on the "give away" plan. *Subscrip. Bks. Bul.*, 9:1-3. (750)

Blanchard, William Oscar, Ph.D., Professor of Geography**BOOKS:**

The geography and history of Illinois. Allyn and Bacon, Boston, 1938. 72 pp.

ARTICLES:

The Panama Canal: some geographic influences. *Sci. Mo.*, 45:494-502. (3000)

Blaurock, Melvin Frank Otto, B.S., M.D., Assistant in Psychiatry
See A. A. Low and A. P. Solomon.**Blodgett, Ralph Hamilton, Ph.D., Assistant Professor of Economics****BOOKS:**

With P. F. Gemmill:
Economics: principles and problems. Harpers, N. Y., 1937. 1356 pp.

REVIEWS:

Economic thought and its institutional background, by H. W. Peck. *J. Pol. Econ.*, 45:5:702-04. (800)

Boley, Loyd Edwin, D.V.M., Assistant in Animal Pathology and Hygiene

ARTICLES:

Immunization against fowl pox and laryngotracheitis. *Vet. Med.*, 32:558-59. (1000)
See also R. Graham.

Bolin, Oren, M.S., Associate in Plant Genetics

ARTICLES:

With R. F. Fuelleman:

Brome grass. U. of I. Dept. of Agron. Mimeo., 1938. 4 pp. (1300)

Bonin, Gerhardt von, M.D., Associate Professor of Anatomy

ARTICLES:

Brain-weight and body-weight of mammals. *J. Gen. Psych.*, 16:379-89. (2500)

Cranial deformity in the Pueblo area. *Amer. Anthropol.*, 39:4. (500)

A first study of the size of the cells in the cerebral cortex. *J. Comp. Neurol.*, 66:1:103-11. (2500)

With I. P. Bronstein, S. M. Abelson, and R. H. Jaffé:

Macroglossia in children. *Amer. J. Dis. Children*, 54:1328-43. (6000)

Bonnett, Orville Thomas, Ph.D., Assistant Professor of Plant Genetics

ARTICLES:

The development of the oat panicle. *J. Agr. Res.*, 54:12:927-31. (2600)

Bosselman, Mrs. Beulah Chamberlain, A.B., M.D., Associate in Psychiatry

ARTICLES:

With S. H. Kraines:

Mental changes including aphasia in a patient with sickle cell anemia. *Amer. J. Psychiat.*, 94:3:709-12. (900)

Bourgin, David Gordon, Ph.D., Assistant Professor of Mathematics

ARTICLES:

With R. J. Duffin:

The Heaviside operational calculus. *Amer. J. Math.*, 59:489.

Brandly, Carl Alfred, D.V.M., M.S., Associate Professor of Animal Pathology and Hygiene

ARTICLES:

Photosensitization in domestic animals. *Lederle Vet. Bul.*, 7:2. (2500)

See also R. Graham.

Brannon, James Marshall, Ph.D., Assistant Professor of Dairy Bacteriology

ARTICLES:

Electric sterilization of dairy utensils. *Milk Dealer*, 26:112.

REVIEWS:

Mastitis. *Milk Plant Mo.*, Aug., 1937, p. 43; Sept., 1937, p. 44.

Bray, Roger Hammond, M.S., Assistant Chief in Soil Survey Analysis

ARTICLES:

The significance of the weathering loss of K and Mg in soil colloids extracted from Illinois soils. *Soil Sci. Soc. Proc.*, 1:153-59. (2400)

Calibrating soil tests for available potassium. *Ibid.*, 1:225-31. (2600)

New concepts in the chemistry of soil fertility. *Ibid.*, 2:175-79. (3800)

Phosphorus availability and crop response. *Ibid.*, 2:215-21. (4600)

Articles (continued)

The significance of particle size within the clay fraction. *J. Amer. Cer. Soc.*, 20:8:257-61. (2200)

With R. E. Grim and W. F. Bradley:

The mica in argillaceous sediments. *Amer. Mineralogist*, 22:7:813-29. (3600)

Broderick, Edwin Laurence, M.S., Research Assistant in Mechanical Engineering

See A. P. Kratz.

Brodie, Allan Gibson, D.D.S., M.S., Professor of Orthodontia and Head of the Department

ARTICLES:

Graduate work in orthodontia at the University of Illinois. *J. Dent. Educ.*, Apr., 1938.

With others:

Orthodontic interview. *Magyar Fogorvosok Lapja* (Budapest), 1937, 2:25.

Bronstein, I. Pat., B.S., M.D., Assistant Professor of Pediatrics

ARTICLES:

Intradermal antuitrin S in children. *J. Lab. Clin. Med.*, 23:7:756-61. (2000)

See also G. von Bonin.

Brown, Andrew Wilson, Ph.D., Associate Professor of Psychology and of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

With M. Lichtenstein:

Intelligence and achievement of children in a delinquency area. *J. Juvenile Res.*, 22:1.

With A. A. Hartman:

A survey of the intelligence of Illinois prisoners. *J. Criminal Law and Criminol.*, 28:5.

With R. L. Jenkins and Lillian E. Cisar:

Influence of lethargic encephalitis on intelligence of children. *Amer. J. Dis. Children*, 55:304-21.

Brown, George Bosworth, Assistant in Chemistry

See R. L. Shriner.

Brown, Hugh Alexander, M.S., E.E., Associate Professor of Electrical Engineering

BOOKS:

Radio frequency electrical measurements (2d ed.). McGraw-Hill Book Co., N.Y., 1938. 386 pp.

Buchholz, John Theodore, Ph.D., Professor of Botany and Head of the Department

ARTICLES:

Cone formation in *Sequoia gigantea*. I. The relation of stem size and tissue development to cone formation. II. The history of the seed cone. *Amer. J. Bot.*, 25:296-305. (8000)

Dissection, staining, and mounting of the embryos of conifers. *Stain Technol.*, 13:53-64. (4500)

With A. F. Blakeslee and others:

Datura investigations. *Ann. Rpt. Dept. of Genetics*, Carnegie Inst. of Wash., Dec., 1937, pp. 38-44. (3700)

Bull, Sleeter, M.S., Associate Professor of Meats

BOOKS:

With W. E. Carroll:

The principles of feeding farm animals (rev. ed.). Macmillan Co., N.Y., 1937. 397 pp.

BULL, SLEETER (continued)**ARTICLES:**

Rancidity and mold in cured bacon retarded. *Nat. Provisioner*, 93:13:13. (1400)

Retarding rancidity in lard and pork fats. *Ibid.*, 98:4:15. (2300)

La Argentina—nuestro amigo estanciero—produce ganado bovino engordado con pasto, muy superior al nuestro. *La Res* (Buenos Aires) 5:83:5059. (1800)

Argentina our rancher friend. *Nat. Live Stock Prod.*, 15:6:3. (1200)

Who gets the consumer's meat dollar? *Ibid.*, Nov., 1937, p. 3. (1200)

From the standpoint of the market. *Ibid.*, 16:8:3. (800)

Cutting the beef carcass. *Instit. Farm.*, Mar., 1938, pp. 9-11. (1200)

Eat your own pork. *Ibid.*, Apr., 1938, p. 4. (1800)

See also Sybil Woodruff.

Burlison, William Leonidas, Ph.D., D.Agr., Professor of Crop Production and Head of the Department of Agronomy

ARTICLES:

See G. H. Dungan and O. H. Sears.

REVIEWS:

All about the soya bean: in agriculture, industry, and commerce, by G. D. Gray. *Ind. Eng. Chem.* (news ed.). 15:256. (400)

With A. L. Long:

Rich land poor land, by Stuart Chase. *J. Farm Econ.*, 19:831. (650)

With J. J. Pieper:

Production of field crops, by T. B. Hutcheson, T. K. Wolfe, and M. S. Kipps. *Science*, 86:124. (450)

Burmester, Ben Roy, Ph.D., Instructor in Animal Physiology

ARTICLES:

Vitamin deficiency diseases in poultry. *Vet. Med.*, 32:8:364-67. (3200)

With V. M. Lerner:

A measuring device for shank length of living birds. *Poultry Sci.*, 16:4:211-12. (600)

With V. S. Asmundson:

The effect of resecting a part of the uterus on the formation of the hen's egg. *Ibid.*, 17:2:126-30. (3500)

See also L. E. Card.

Burns, Mrs. Kathryn Van Aken, A.M., Assistant Professor of Home Economics

ARTICLES:

Some association problems. *J. Home Econ.*, 29:517-20. (2000)

Home economics and the agricultural program. *Ibid.*, 30:73-76. (2000)

Buswell, Arthur Moses, Ph.D., Professor of Chemistry and Chief of State Water Survey

ARTICLES:

With W. V. Upton:

Titanium salts in water purification. *Ind. Eng. Chem.*, 29:870.

Water quality for fire fighting. *Ill. Water Surv. Circ.*, 19. 12 pp.

With W. V. Upton and C. S. Boruff:

Adsorption of fluoride from salts by alum flocc. *Ind. Eng. Chem.*, 29:1154.

With T. E. Larson:

Methane in ground waters. *J. Amer. Water Works Assoc.*, 29:12:1978-82.

Articles (continued)

With W. H. Rodebush and V. Deitz:

A study of the effect of hydrogen bonding upon the infrared absorption of the hydroxyl group. *J. Chem. Phys.*, 5:7:501.

With W. H. Rodebush and K. Krebs:

Infrared studies. III. Absorption bands of hydrogels between 2.5 and 3.5 μ . *J.A.C.S.*, 59:2603.

With W. H. Rodebush and M. Roy:

Infrared absorption as a measure of ionization. *Ibid.*, 59:1767.

With W. H. Rodebush and L. Borst:

The infrared spectrum of water in an inert solvent. *J. Chem. Phys.*, 6:61.

With others:

Preliminary data on surface water resources. *Ill. Water Surv. Bul.*, 31. 157 pp.

Campbell, Walker Elliott, M.S., Instructor in Accountancy

ARTICLES:

Progressive secretarial training. *Bus. Ed. World*, 17:10:817-18. (1100)

Canter, Howard Vernon, Ph.D., Professor of the Classics

ARTICLES:

Praise of Italy in classical authors. *Class. J.*, 30:457-70. (6500)

Card, Leslie Ellsworth, Ph.D., Professor of Poultry Husbandry

ARTICLES:

With H. H. Alp and R. C. Ashby:

Studies of the market quality of eggs from 109 farms in southeastern Illinois. *Ill. Agr. Exp. Sta. Bul.*, 441, pp. 397-411. (5000)

With B. R. Burmester:

On the nature of "meat spots" in eggs. *Poultry Sci.*, 17:3:235-39. (2500)

Carmichael, Robert Daniel, Ph.D., Professor of Mathematics and Dean of the Graduate School

BOOKS:

Introduction to the theory of groups of finite order. Ginn and Co., Boston, 1937. xiv + 447 pp.

Caro, Marcus Rayner, B.S., M.D., Associate in Dermatology

ARTICLES:

Pemphigus: treatment with sulfanilamide. *Arch. Derm. Syph.*, 37:196.

Carroll, William Ernest, Ph.D., Professor of Swine Husbandry

BOOKS:

With H. J. Rucker:

Pig projects and profits. Interstate Publishing Co., Danville, Ill., 1937. 188 pp.

With S. Bull:

The principles of feeding farm animals (rev. ed.). Macmillan Co., N.Y., 1937. 397 pp.

With J. L. Edmonds, W. G. Kammlade, W. B. Nevins, and R. R. Snapp:

Workbook in producing farm livestock. John Wiley and Sons, N.Y., 1938. 100 pp.

ARTICLES:

With W. P. Garrigus, G. E. Hunt, and R. A. Smith:

The value and use of oats in the rations of growing-fattening swine. *Ill. Agr. Exp. Sta. Bul.*, 436. 170 pp.

CARROLL, W. E.—Articles (continued)

With H. H. Mitchell, W. P. Garrigus, and G. E. Hunt:
Calcium and phosphorus supplements for growing swine. *Ibid.*, 434, pp. 15-54.

Carter, Herbert Edmund, Ph.D., Assistant Professor of Chemistry

ARTICLES:

With H. D. West:

Synthesis of α -amino- β -hydroxy-n-butyric acids. III. A simple method of preparing a mixture of the two forms. *J. Biol. Chem.*, 119:103-08. (2000)

Synthesis of α -amino- β -hydroxy-n-butyric acids. IV. Separation of mixtures of the two forms and preparation of d(—) and l(+)-threonine. *Ibid.*, 119:109-19. (3000)

Synthesis of α -amino- β -hydroxy-n-butyric acids. V. Preparation of dl-allothreonine, with notes concerning the addition of methyl hypobromite to unsaturated acids. *Ibid.*, 122:605-09. (1000)

Synthesis of α -amino- β -hydroxy-n-butyric acids. VI. Preparation of d- and l-allothreonine and nutritive value of the four isomers. *Ibid.*, 122:611-17. (700)

With E. J. Van Loon:

The α -bromo- β -methoxy- β -phenylpropionic acids. *J.A.C.S.*, 59:2955-57. (1500)

Case, Harold Clayton M., Ph.D., Professor of Agricultural Economics and Head of the Department

BOOKS:

With J. W. Green and R. C. Ross:

Workbook in farm management. Interstate Publishing Co., Danville, Ill., 1937. 136 pp.

ARTICLES:

With D. E. Lindstrom:

Farm incomes and expenditures and costs of family living in the Lick Creek area, southern Illinois, 1934. Ill. Agr. Exp. Sta. Mimeo., 1937. (7000)

With Joseph Ackerman:

Farm leases for Illinois. Ill. Agr. Exp. Sta. Circ., 474. 43 pp. (12,500)

Tenancy problems and remedies. U. of I. Dept. of Agr. Econ. Mimeo., 680. (7500)

With M. L. Mosher, W. A. Herrington, and E. G. Fruin:

Farm bureau farm management service reports. U. of I. Dept. of Agr. Econ. Mimeo., 624 and 629. (30,000)

Casner, Andrew James, A.B., LL.B., Associate Professor of Law

ARTICLES:

Class gifts to others than to "heirs" or "next of kin"—increase in the class membership. *Harv. Law Rev.*, 51:254-308. (18,000)

Restatement of property, advisers memorandum of law, no. 21. Amer. Law Instit. Mimeo., 67 pp. (15,000)

With others:

Law of property act, proposed final draft no. I. *Ibid.*, 23 pp. (7600)

Restatement of property, proposed final draft no. II. *Ibid.*, 146 pp. (50,000)

Restatement of property, tentative draft no. 9. *Ibid.*, 205 pp. (70,000)

Restatement of property, preliminary draft no. 72. *Ibid.*, 101 pp. (25,000)

Chanler, Josephine Hughes, Ph.D., Instructor in Mathematics

ARTICLES:

The involution curve determined from a special pencil of n-ics. *Trans. Amer. Math. Soc.*, 42:111-15. (7000)

Clark, George Lindenberg, Ph.D., D.Sc., Professor of Chemistry

ARTICLES:

Analysis by x-rays of ultimate structures of living material. *Biodynamica*, Aug., 1937; *Radiology*, 30:2:180-90. (6000)

Adjustment: x-ray diffraction studies of two micron fractions of some genetic soil profiles. *Z. Kristallog.*, 97(A):124. (50)

X-rays—forty-two years after. *Reg. Phi Lambda Upsilon*, 22:4:8-11. (1500)

With A. F. Smith:

New mechanical devices for measurement and interpretation of fiber diffraction patterns. *Rev. Sci. Instr.*, 8:6:199-201. (1200)

With D. H. Reynolds:

Chemistry of zirconium dioxide—x-ray diffraction studies. *Ind. Eng. Chem.*, 29:6:711-15. (2300)

The crystal structure of zinc meta-antimonate $Zn(SbO_3)_2$. *Z. Kristallog.*, 98(A):185-90. (1600)

With J. N. Mrgudich:

The determination of lead peroxide. *Ind. Eng. Chem. (anal. ed.)*, 9:6:256-58. (1500)

With J. L. Gring:

Carotenoids in yellow corn. *Ibid.*, 9:6:271-74. (3000)

With W. F. Bradley and R. E. Grim:

A study of the behavior of montmorillonite upon wetting. *Z. Kristallog.*, 97(A):216-22. (1000)

With S. T. Gross:

A new type of gnomonic ruler. *Science*, 86:2229:272-73. (500)

Some of the higher hydrates of trisodium phosphate and trisodium vanadate. *Z. Kristallog.*, 98(A):107-11. (1300)

With E. A. Parker:

An x-ray diffraction study of the action of liquid ammonia on cellulose and its derivatives. *J. Phys. Chem.*, 41:6:777-85. (4000)

With S. Ross:

Diffraction of x-rays by built-up films of proteins. *Science*, 86:2230:292-93. (1500)

With E. Wollhuis:

An electron diffraction study of the effect of heat upon the structure of gold leaf. *J. Applied Phys.*, 8:9:630-38. (4000)

A resume of electron diffraction. *J. Chem. Educ.*, 15:2:64-75. (9000)

With E. Wollhuis and W. H. Smith:

X-ray diffraction patterns of sol, gel, and total rubber when stretched and when crystallized by freezing and from solutions. *Rubber Age*, 42:1:35-38; 42:2:113-15; *J. Res. Nat. Bur. Standards*, 19:379-91. (4000)

With N. C. Schieltz and T. T. Quirke:

A new study of the preparation and properties of the higher oxides of lead. *J.A.C.S.*, 59:2305-08. (1800)

With Rosalind Klaas, H. C. Sweany, and J. N. Mrgudich:

Detection of crystalline silica in lung tissue by x-ray diffraction analysis. *Science*, 86:2241:544-45. (300)

With C. G. Dunn:

Magnetic field of a symmetrical bundle of parallel wires carrying equal currents. *Phys. Rev.*, 52:11:1167-69.

CLARK, G. L.—Articles (*continued*)

X-ray and magnetic analyses of deformed silicon steel rings. *Ibid.*, 52:11:1170-78. (2700)

With H. D. Simons and O. C. Klein:

X-rays from radio tubes. *Radiology*, 29:6:721-23. (400)

With M. M. Beckwith:

X-ray diffraction studies of distortion in metals. *Trans. Amer. Soc. Metals*, 25:6:1207-24. (5000)

With E. E. Harris, E. A. Parker, and E. C. Sherrard:

An x-ray study of lignin and its significance for the structure of living matter. *Bio-dynamica*, Jan., 1938. (4000)

Coble, Arthur Byron, Ph.D., LL.D., Professor of Mathematics and Head of the Department

ARTICLES:

A class of linear groups with integral coefficients. *Duke Math. J.*, 3:2:175-99. (13,000)

Frank Morley—in memoriam. *Bul. Amer. Math. Soc.*, 44:167-70. (2900)

Colby, Arthur Samuel, Ph.D., Professor of Pomology

ARTICLES:

Red and black raspberries—varieties and culture. *Amer. Fruit Grower*, 58:1:9; 58:3:28. (2000)

Important raspberry insects and diseases. *Ibid.*, 58:2:14. (750)

Nut notes from the University of Illinois. *Proc. Northern Nut Growers Assoc.*, 28:38-39. (600)

Some results of selection in the northern pecan. *Proc. Amer. Soc. Hort. Sci.*, 35:88-90. (750)

Cole, Arthur Gideon, Ph.D., Assistant Professor of Physiological Chemistry

BOOKS:

With O. Bergeim, P. B. Hawk, and B. L. Oser:

Practical physiological chemistry (11th ed.). P. Blakiston's Son and Co., Phila., 1937. xxii + 968 pp.

REVIEWS:

Physiological chemistry of the bile, by H. Sobotka. *J.A.M.A.*, 110:9:680-81. (175)

Cole, Warren Henry, B.S., M.D., Professor of Surgery and Head of the Department

ARTICLES:

Acute pancreatitis. *New Orleans Med. Surg. J.*, 90:6:351-56.

Acute pancreatitis with special reference to pathogenesis and the diagnostic value of the blood amylase test. *Amer. J. Surg.*, 40:245-59.

Report of the forty-seventh annual meeting of the Western Surgical Association, Indianapolis, Dec. 3-4, 1937. *Surg.*, 3:3:446-70.

REVIEWS:

Operative surgery. Vol. III: The ear, air passages, and neck, by M. Kirschner. *J.A.M.A.*, 110:4:310.

Arteriovenous aneurysm: abnormal communications between the arterial and venous circulations, by E. Holman. *Ibid.*, 110:18:1515.

Collins, William Leighton, M.S., Associate in Theoretical and Applied Mechanics

ARTICLES:

With J. T. MacKenzie and C. K. Donoho:

On effect of span on transverse tests of cast iron. *Proc. Amer. Soc. Testing Materials*, 37(Pt. II):84. (110)

See also J. O. Draffin.

Converse, Paul D., A.M., Professor of Business Organization and Operation

ARTICLES:

Do we want price fixing. *J. Business* (Univ. of Iowa), 18:1:2-6. (5000)

Restore the competitive system. *Women's Wear Daily*, 55:126:46. (750)

Prices and services of chain and independent stores in Champaign-Urbana. *J. Marketing*, 2:3:193-200. (3000)

What every man should know about marketing economics. *Chicago Credit News*, Apr., 1938, pp. 11-12. (2500)

With R. V. Mitchell:

The movement of retail trade within a metropolitan area. *Ibid.*, 2:1:61-67. (5000)

REVIEWS:

Problems in agricultural marketing, by D. W. Malott. *Ibid.*, 2:4:332-33. (600)

Copley, Michael Joseph, Ph.D., Assistant Professor of Chemistry

BOOKS:

See B. S. Hopkins.

ARTICLES:

With V. Deitz:

A torsion manometer for the measurement of the force of a molecular ray. *Rev. Sci. Instr.*, 8:314-17. (2500)

With O. C. Klein:

A new method for starting thermite reactions. *Trans. Ill. Acad. Sci.*, 30:189. (450)

See also T. E. Phipps.

Corbett, Willard Jason, M.S., First Assistant in Dairy Husbandry

ARTICLES:

Processing the ice cream mix. *Ice Cream Rev.*, May, 1937, p. 66; *Confectionery and Ice Cream World*, May 21, 1937, p. 20. (3000)

With P. H. Tracy:

Use of anti-oxidants to prevent tallowiness in butter. *Nat. Butter and Cheese J.*, Dec. 25, 1937, p. 10; *Amer. Prod. Rev.*, Jan. 12, 1938, p. 328. (2500)

See also H. A. Ruehe.

Cozzens, Arthur Bertrand, Ph.D., Instructor in Geography

ARTICLES:

The geographic background of some Mexican house types. *Ann. Assoc. Amer. Geographers*, 28:1:43-44. (600)

Cramer, Ralph Ellsworth, M.S., Special Research Assistant Professor of Engineering Materials

See H. F. Moore.

Crandell, John Stanley, B.S., C.E., Professor of Highway Engineering

ARTICLES:

The express road and the highway system. *Civ. Eng.*, 7:10:690-93. (6000)

Airways and airports. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 89-90.

Methods of vibration of concrete according to French practice. *Proc. 17th Ann. Meet. Highway Res. Bd.*, pp. 281-83. (1600)

CRANDELL, J. S.—Articles (continued)

Report of committee on fillers and cushion courses for brick and block pavements. *Ibid.*, pp. 343-48. (4000)

REVIEWS:

A comprehensive textbook on our commonest materials. *Better Roads*, 7:5:50. (900)

Crathorne, Arthur Robert, Ph.D., Professor of Mathematics**BOOKS:**

With E. B. Lytle:

Trigonometry (rev. ed.). Henry Holt and Co., N.Y., 1938. xxiv + 268 pp.

Crist, Raymond E., Dr. es Lettres, Instructor in Geography**BOOKS:**

Etude géographique des llanes du Venezuela occidental. Grenoble (Allier Pere et Fils), 1937. 180 pp.

ARTICLES:

Desarrollo politico y origen del caudillismo en Venezuela. *La Revista Geog. Amer.*, 7:43:253-70. (7000)

Land tenure in the llanos of Venezuela. *Trans. Ill. Acad. Sci.*, 30:2. (500)

REVIEWS:

Ein Beitrag zur Methodik der Bevölkerungskarten: Nationalitätenkarte von Bulgarien, by H.-P. Kosack. *Geog. Rev.*, 28:2:327. (300)

Die Rohstoff-gebiete des tropischen Afrika, by L. Waibel. *Ibid.*, 27:4:694-95. (600)

Culler, Elmer Augustin Kurtz, Ph.D., Professor of Psychology**ARTICLES:**

Effect of curare upon cortical function. *Proc. Amer. Philos. Soc.*, 78:92-94.

Observation on the spinal dog. *Psych. Bul.*, 34:742-43.

Recent advances in some concepts of conditioning. *Psych. Rev.*, 45:134-53.

The law of effect. *Psych. Rev.*, 45:206-11.

The neural mechanism of hearing. *Laryngoscope*, 1937. 4 pp.

With W. J. Brogden and E. A. Lipman:

The role of incentive in conditioning and extinction. *Amer. J. Psychol.*, 51:109-18.

With John Willmann and Fred A. Mettler:

Mapping the cochlea. *Amer. J. Physiol.*, 119:292.

With H. W. Ades and Fred A. Mettler:

Distribution of acoustic pathways in medial geniculate bodies. *Amer. J. Physiol.*, 119:257-58.

See also P. S. Shurrager.

Dalitsch, Walter William, B.S., D.D.S., M.D., Assistant Professor of Medicine and Health Officer for the Chicago Departments**ARTICLES:**

Principles and practice of medicine. *Alumni J.* (U. of I. Coll. of Dent.), 21:3:55. (1100)

The health service department. *Ibid.*, p. 41. (600)

Daniels, Arthur Simpson, A.M., Assistant Professor of Physical Education for Men**ARTICLES:**

Preparation for recreational leadership. *Proc. 41st An. Meet. Colleges P. E. Assoc.*, Dec., 1937, pp. 55-61. (2700)

Darrow, Chester William, Ph.D., Associate in Physiology and in Criminology, Social Hygiene, and Medical Jurisprudence**ARTICLES:**

Systolic and diastolic blood pressure continuously recorded: apparatus and applications. *Amer. J. Physiol.*, 119:295. (440)

See also A. P. Solomon.

Davis, David John, M.D., Ph.D., Professor of Pathology, Head of the Department of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine**ARTICLES:**

Bovine mastitis in relation to milk-borne epidemics. *J. Infectious Dis.*, 60:374-80. (3000)

Post-graduate education. *J. Assoc. Med. Students*, Feb., 1938, pp. 136-37. (1500)

Davis, Mrs. Fern DeBeck, A.M., Librarian of the Architecture Library**ARTICLES:**

Ricker library of architecture. *Special Libraries*, 29:4:106-08. (1500)

DeTurk, Ernest E., Ph.D., Professor of Soil Fertility**ARTICLES:**

Growing plants in water solution. U. of I. Dept. of Agron. Mimeo., 1937. 3 pp. (800)

With S. R. Dickman:

A method for the determination of the organic phosphorus of soils. *Soil Sci.*, 45:1:29-38. (3600)

With I. R. Hoerner:

The absorption and utilization of nitrate nitrogen during vegetative growth by Illinois high protein and Illinois low protein corn. *J. Amer. Soc. Agr.*, 30:3:232-43.

Dickinson, Frank Greene, Ph.D., Assistant Professor of Economics**ARTICLES:**

New class war. *Sat. Eve. Post*, Aug. 7, 1937, p. 23. (4500)

Economist—a short autobiography. *Ill. Quest*, 1:3:34. (1000)

With F. Eakin:

A balance sheet of the nation's economy. *Chicago Credit News*, July, 1937, p. 16. (2000)

Dickman, Sherman Russell, M.S., Assistant in Soil Survey Analysis

See E. E. DeTurk.

Dietz, Frederick Charles, Ph.D., Professor of History**BOOKS:**

Political and social history of England (3d ed.). Macmillan Co., N.Y., 1937. xxii + 812 pp.

REVIEWS:

Calendar of treasury books, vols. X-XVII. *Amer. Hist. Rev.*, Apr., 1938, pp. 611-12.

Dodge, Arthur Farwell, Ph.D., Assistant Professor of Industrial Education**ARTICLES:**

Occupational ability patterns. *Education*, 57:10:613-16. (1800)

Relation of social dominance to general intelligence. *J. Educ. Psych.*, 28:5:387-90. (1400)

DODGE, A. F.—Articles (continued)

- What should be the education and training of a trade teacher? *Amer. Vocational Assoc. J.*, 12:3:173-76. (2500)
 Social dominance and sales personality. *J. Applied Psych.*, 22:2:132-39. (2500)

REVIEWS:

- Traits characteristic of men majoring in physical education at the Pennsylvania State College, by N. S. Walke. *Occupations*, 16:7:701. (400)
 Trends of professional opportunities in the liberal arts college, by M. Kuder. *Ibid.*, 16:7:701-02. (400)

Dolan, Thomas James, M.S., Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

- Combined effect of corrosion and stress concentration. *Amer. Eng. Ind.*, 14:12:584-90. (5000)
 The combined effect of corrosion and stress concentration at holes and fillets in steel specimens subjected to reversed torsional stresses. *Ill. Eng. Exp. Sta. Bul.*, 293. (16,000)

Doland, James Joseph, M.S., C.E., Professor of Civil Engineering

ARTICLES:

- Hydro-electric power. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 58-61.
 With T. E. Larson and C. O. Reinhardt: Model study of spillway characteristics. *Ill. Water Surv. Circ.*, 20.

Dolch, Edward William, Ph.D., Assistant Professor of Education

ARTICLES:

- Mass remedial reading. *Educ. Admin. and Superv.*, 23:7:541-46. (3000)
 Remedial reading work in every class. *Ill. Teacher*, 26:3:78. (800)
 Ready, play. *School Musician*, 9:6:8-11. (2400)
 Phonics and polysyllables. *Elementary Engl. Rev.*, 15:4:120-24. (3200)

Doob, Joseph Leo, Ph.D., Assistant Professor of Mathematics

ARTICLES:

- Stochastic processes depending on a continuous parameter. *Trans. Amer. Math. Soc.*, 42:1:107-40. (17,000)

Dorsey, Maxwell Jay, Ph.D., Professor of Pomology

ARTICLES:

- The code of nomenclature of the American Pomological Society. *Amer. Fruit Grower*, 58:12. (1000)
 Tree conditioning the peach crop. *Trans. Ill. Hort. Soc.*, 71:152-57. (1500)
 Place of fruit breeding in horticultural development. *Ibid.*, 71:285-80. (1500)
 Peach breeding project. *Ibid.*, 71:386-92. (1800)
 Recovery of the apple from freezing injury (abstract). *Proc. Amer. Soc. Hort. Sci.*, 115. (200)

See also R. L. McMunn.

Downs, William Benham, D.D.S., M.S., Assistant Professor of Orthodontia

ARTICLES:

- Mesial drift. *Angle Orthodontist*, 8:2:77-99. (6000)
 Analysis of forces of occlusion (abstract). *Proc. Inst. Med. Chicago*, 12:1:16. (300)

Draffin, Jasper Owen, M.S., Professor of Theoretical and Applied Mechanics

ARTICLES:

- Development of some concepts of mechanics. *J. Eng. Educ.*, 28:8:563-70. (3400)
 With W. L. Collins: The tensile strength of cast iron. *Proc. A.S.T.M.*, 37(Pt. II):88-97. (5200)
 With C. W. Muhlenbruch: The mechanical properties of balsa wood. *Ibid.*, pp. 582-87. (3300)

Dunbar, Louise Burnham, Ph.D., Assistant Professor of History

ARTICLES:

- Ellis's search. *N. Y. Times*, Sept. 19, 1937, Sec. 4, p. 9. (600)

Duncan, Ray Oscar, LL.B., Assistant in Physical Education for Men

ARTICLES:

- Principles to be observed in organizing and conducting a curriculum in sports. *Ill. Teacher*, 26:8:256-57. (600)

Dungan, George Harlan, Ph.D., Professor of Crop Production

ARTICLES:

- The rise of hybrid corn. *Trans. Ill. Acad. Sci.*, 30:2:54-55. (650)

With W. L. Burlison:

- Results of variety tests with winter wheat, 1926-1937, agronomy crop experiment fields and cooperative tests. U. of I. Dept. of Agron. Mimeo., 1937. 12 pp. (1200)
 Winter barley in Illinois. *Ibid.*, 6 pp. (1000)
 Results of oat variety tests on agronomy crop experiment fields summarized to include 1937. *Ibid.*, 1938. 9 pp. (500)
 Spring barley in Illinois—results of variety tests, 1927-1937. *Ibid.*, 3 pp. (1000)
 Performance of varieties of spring wheat in Illinois, 1927-1937. *Ibid.*, 3 pp. (800)

With R. O. Snelling, W. J. Mumm, J. H. Bigger, and A. L. Lang: Illinois corn performance tests—1937. *Ill. Agr. Exp. Sta. Bul.*, 440, pp. 351-95. (3200)

Dunnington, Guy Waldo, A.M., Assistant in German

ARTICLES:

- Notes on Lejeune Dirichlet. *Nat. Math. Mag.*, 12:4:171-82. (5000)
 Über Gauss und Jean Paul. *Jean Paul Blätter*, 13:1:2-3. (600)
 G. A. Miller as mathematician and man: some salient facts. *Nat. Math. Mag.*, 12:8:384-87.

With J. J. von Woyciechowsky:

- The Fourth International History of Science Congress, Prague, Sept. 22-27, 1937. *Ibid.*, 12:2:77-81. (2500)
 The history of mathematics in Hungary before 1830. *Ibid.*, 12:3:125-30. (2500)

With A. Speiser:

- Report of the Euler Commission. *Ibid.*, 12:3:122-24. (2000)

REVIEWS:

- Men of mathematics, by E. T. Bell. *Ibid.*, 11:8:406. (450)
 Die Georg-August-Universität zu Göttingen 1737-1937, by Götz von Selle. *Monatsheft für Deutschen Unterricht*, 29:8:423-24. (600)
 Mathematics for the million, by I. Hogben. *Nat. Math. Mag.*, 12:3:157-58. (400)
 Beiträge zur griechischen Logistik, by K. Vogel. *Ibid.*, 12:4:204-05. (500)

DUNNINGTON, G. W.—Reviews (continued)

With W. Lorey:

Die Georg-August-Universität zu Göttingen 1737-1937, by Götz von Selle, and Bildnisse Göttinger Professoren, edited by M. Voigt. *Ibid.*, 12:5:256-58. (700)

Dyas, Frederick George, M.D., Professor of Surgery

ARTICLES:

With M. L. Goren:

Bumper and fender fractures. *Surg. Gyn. Obstet.*, 65:690-94.

Dyniewicz, Josephine Marion, Ph.G., Ph.C., Instructor in Pharmacology, Materia Medica, and Therapeutics

See B. Fantus.

Edmonds, James Lloyd, B.S., Professor of Horse Husbandry

BOOKS:

With W. G. Kammlade, W. B. Nevens, R. R. Snapp, and W. E. Carroll:
Workbook in producing farm livestock. John Wiley and Sons, N.Y., 1938. 100 pp.

Edwards, Ogden Frazelle, Ph.D., Instructor in Bacteriology

ARTICLES:

With L. F. Rettger:

The relation of certain respiratory enzymes to the maximum growth temperatures of bacteria. *J. Bact.*, 34:5:489-515. (6000)

Elhardt, Walter Phillipp, Ph.D., Instructor in Physiology

BOOKS:

With O. S. Orth:

Physiological anatomy (rev. ed.). John S. Swift Co., St. Louis, 1938. 272 pp.

Eldson, James Harold, Ph.D., Instructor in Romance Languages

BOOKS:

On the life and work of the Spanish humanist Antonio de Torquemada. *Univ. Calif. Pub. Mod. Philol.*, 20:3:127-86, Berkeley, 1937.

Emch, Arnold, Ph.D., Professor of Mathematics

ARTICLES:

Rejected papers of three famous mathematicians. *Nat. Math. Mag.*, 11:1-4. (500)

The plane quartic of genus two. *Ibid.*, 12:5-12. (1500)

Carl Friedrich Geiser. *Ibid.*, 12:286-89. (500)

On certain configuration of points in space and linear systems of surfaces with these as base points. *Bul. Amer. Math. Soc.*, 43:261-65. (600)

On the construction of symmetric ruled surfaces. *Amer. J. Math.*, 59:365-70. (800)

Cremona involutions and covariants connected with the Weddle surface. *Annali di Matematica*, 16:101-05. (800)

REVIEWS:

Grosse Mathematiker, by G. Kowalewski. *Nat. Math. Mag.*, 12:362. (60)

Emerson, William Stevenson, Ph.D., Instructor in Chemistry

ARTICLES:

With A. A. Morton:

Condensations by sodium. IX. Preparation and properties of triphenyl- and trimethyl-triphenylcarbinols and some of their derivatives. *J.A.C.S.*, 59:1947-49. (2000)

Articles (continued)

Condensations by sodium. XI. Trimethoxy-triphenylcarbinol and comparisons of colors of some carbonium salts in this series. *Ibid.*, 60:284-85. (700)

Englis, Duane Taylor, Ph.D., Associate Professor of Chemistry

ARTICLES:

With E. G. Lynn:

Use of an electric heater for the Lane and Eynon titration of reducing sugars. *Ind. Eng. Chem. (anal. ed.)*, 9:314. (500)

Erickson, Edgar L., Ph.D., Assistant Professor of History

ARTICLES:

With Grant at Vicksburg: from the Civil War diary of Captain Charles E. Wilcox. *J. Ill. Hist. Soc.*, 30:4:441-503. (22,000)

Evans, Henry Pritchard, Jr., M.S., Associate in Civil Engineering

REVIEWS:

Applied fluid mechanics, by M. P. O'Brien and G. H. Hickox. *Eng. News-Rec.*, 119:14:571-72. (400)

Parkways and land values, by John Nolen and H. V. Hubbard. *Ibid.*, 120:8:306. (400)

Fahnestock, Maurice Kendall, M.S., Research Assistant Professor of Mechanical Engineering

See A. P. Kratz.

Fairbanks, Berthier Wesley, Ph.D., Associate Professor of Animal Husbandry

ARTICLES:

Scientific societies meet at Memphis. *N. Amer. Vet.*, 18:37-41. (1500)

Effects of mineral deficiencies in animals. *Ibid.*, 18:15-20; 18:24-33. (3500)

The feeding of yeast. *Ibid.*, 18:42-45. (1500)

Magnesium—an indispensable element in nutrition. *Ibid.*, 18:50-53. (1800)

Selenium poisoning. *Ibid.*, 19:22-25. (1500)

Vitamin E. *Ibid.*, 19:31-34. (1500)

The significance of amino acids in nutrition. *Ibid.*, 19:17-20. (1600)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Improving the nutritive value of bread by the addition of dry milk solids. *Cereal Chem.*, 15:169-80. (3000)

Falls, Frederick Howard, M.S., M.D., Professor of Obstetrics and Gynecology and Head of the Department

ARTICLES:

- Report of the maternal welfare committee. *Ill. Med. J.*, Nov., 1937. (900)
Actinomycosis of the ovary. *Amer. J. Obstet. Gyn.*, 34:6:1033. (800)
The use of prostest in obstetrical complications. *So. Med. J.*, 31:5:556-62. (4300)

Fantus, Bernard, M.S., M.D., Professor of Therapeutics

Books:

- General technic of medication (3d ed.). Amer. Med. Assoc., Chicago, 1938. 626 pp.
Year book of general therapeutics, 1937. Year Book Publishers, Chicago, 1938. 496 pp.

ARTICLES:

- Therapy of the Cook County Hospital: blood preservation. *J.A.M.A.*, 109:128-31. (3000)
Our insufficiently appreciated American spas and health resorts. *Ibid.*, 110:40-42. (2500)
Economy in medication. *Ibid.*, 110:880-84. (4500)
The blood bank at Cook County Hospital. *Mod. Hosp.*, 50:57-58.

With H. A. Dyniewicz:

- Compound solution of tannic acid. *J.A.M.A.*, 109:200-03. (4000)

With F. Tice:

- Therapy of the Cook County Hospital: hemoptysis. *Ibid.*, 110:579-80. (1600)

With F. Steigmann:

- Therapy of the Cook County Hospital: therapy of icterus (jaundice). *Ibid.*, 110:732-40. (9000)

With J. M. Dyniewicz:

- Phenolphthalein studies: elimination of phenolphthalein. *Ibid.*, 110:796-98. (3300)

Farnham, Cecil Hodgson, B.S., First Assistant in Soil Experiment Fields

See F. C. Bauer.

Faucett, Max Albert, M.S., E.E., Assistant Professor of Electrical Engineering

Books:

With J. O. Krachenbuehl:

- Circuits in electrical engineering (2d ed.). John S. Swift Co., St. Louis, 1937. 364 pp.

ARTICLES:

With C. A. Keener:

- Harmonics may delay relay operation. *Elec. World*, 109:15:86. (750)

Faye, Christopher Urdahl, A.M., M.S., Cataloger in the Library

Books:

- Evangeliskluthersk folke-kalender for aaret 1938. Den norske synode af den amerikanske evangelisk lutherske kirke, Minneapolis, 1937. 64 pp.

ARTICLES:

- Heimskringla commemorative booklet, 1911-1937. Heimskringla, Urbana, 1937. 19 pp. (5000)
Heimskringla. En nordisk forening ved Illinois Statsuniversitet feirer 25-aars-Jubilaeum. *Decorah-Posten*, 63:85:2. (800)
232 catalog cards for monographs in foreign serial publications. Printed by the Library of Congress. (47,000)

Fellows, Julian Robert, M.S., Associate in Mechanical Engineering

ARTICLES:

- Eliminate smoke with new device. *Coal-Heat*, June, 1937, pp. 65-67. (2500)
See also A. P. Kratz.

Fitzsimmons, Cleo, M.S., Specialist in Rural Youth Extension

ARTICLES:

- Rural youth in Illinois. *J. Home Econ.*, 29:311-12. (500)
Rural youth work out their own program. *Ext. Serv. Rev.*, Oct., 1937, p. 148. (1200)

Fletcher, Harris Francis, Ph.D., Professor of English

ARTICLES:

- The undergraduate college student and the library. *Sch. and Soc.*, 45:735-40. (4000)

Flint, Wesley Pillsbury, B.S., Chief Entomologist

ARTICLES:

- The army worm. *Cargill Crop Bul.*, 12:12:29. (700)
More about keeping dairy plants free of insect pests. *Milk Plant Mo.*, 26:5:50. (600)
Factors that cause codling moth abundance. *Wis. Hort.*, 28:4:84-85. (750)

With S. C. Chandler:

- Codling moth control without the use of lead arsenate. *Trans. Ill. Hort. Soc.*, Mar. 1, 1938, pp. 418-27. (5000)
Results of peach insect control work in 1937. *Ibid.*, pp. 427-32. (3000)

With S. C. Chandler and M. D. Farrar:

- The cost of codling moth control. *Ibid.*, pp. 177-83. (3000)

With W. E. McCauley:

- Fabric insects. *Ill. Agr. Exp. Sta. Circ.*, 473. 12 pp. (3500)

With M. D. Farrar and J. H. Bigger:

- Oil baits for grasshopper and armyworm control. *Ill. Agr. Exp. Sta. Bul.*, 442, pp. 415-420. (2500)

With H. W. Anderson:

- Directions for spraying fruits in Illinois (rev.). *Ibid.*, 447. 25 pp. (15,000)

With H. W. Anderson and W. A. Ruth:

- The season of 1937. *Trans. Ill. Hort. Soc.*, 71:43-52.

With L. R. Tekon:

- Route the weeds. *Ill. Nat. Hist. Surv. Circ.*, 28, pp. 5-6. (650)

With J. H. Bigger, J. R. Holbert, and A. L. Lang:

- Resistance of certain corn hybrids to attack of southern corn rootworm. *J. Econ. Entom.*, 31:1:102-07. (3000)

Flom, George Tobias, Ph.D., Professor of Scandinavian Languages and English Philology

REVIEWS:

- Was Man in Runen ritzte, von W. Krause. *J. Engl. Germ. Philol.*, 36:406-08. (1500)
Ijslands Volksgelooft, door P. C. M. Sluijter. *Ibid.*, 36:428-29. (650)
Anglo-Norse studies. An inquiry into the Scandinavian elements in the modern English dialects, by P. Thorson. *Ibid.*, 36:429-31. (1300)
A dictionary of modern American usage, by H. W. Horwill. *Ibid.*, 36:445-46. (1000)

FLOM, G. T.—Reviews (continued)

- Studier i Heimskringlas Stil. Dialogene og Talene, av H. Lie. *Ibid.*, 36:554-56. (1500)
- Zur Geographie des Mittelenglischen Wortschatzes, von R. Kaiser. *Ibid.*, 36:569-72. (1700)
- Middle English surnames of occupation, 1100-1350. With an excursus on toponymical surnames, by G. Fransson. *Ibid.*, 36:577-79. (1100)
- Faeroysk Tradition i norrønt Mal, af M. Sørlic. *Ibid.*, 37:95-97. (700)
- The influence of Low Dutch on the English vocabulary, by E. C. Llewellyn. *Ibid.*, 37:118-20. (1000)
- Det Norske Landnam pa Man, ved C. J. S. Marstrander. *Ibid.*, 37:296-99. (1700)
- Verb doublets of Latin origin in English, by O. Reuter. *Ibid.*, 37:299-300. (1100)
- The sagas of Icelanders (Íslendinga Sögur), by H. Hermannsson. *Ibid.*, 37:320-21. (800)

Flynn, Charles Everette, B.S., Instructor in Journalism

ARTICLES:

- News-Letter. *Ill. Coll. Press Assoc. Bul.*, 16:1-10, Sept., 1937-May, 1938. (5000)
- Town talk. Column appearing three times a week in the *Daily News*, DuQuoin, Ill. (50,000)

Fraser, Wilber John, M.S., Professor of Dairy Farming, Emeritus

BOOKS:

- Profitable farming and life management. Interstate Printers and Publishers, Danville, Ill., 1937. 420 pp.

ARTICLES:

- Ox cart dairy farming is still with us. *Hoard's Dairyman*, 83:1:3. (1900)
- Productions for profitable dairy herds. *Ibid.*, 83:3:63. (1600)
- Objectives in side-line dairying. *Ibid.*, 83:4:102. (2300)
- Profitable objectives for the grade herd. *Ibid.*, 83:5:131. (2200)
- The job of the pure-bred breeder. *Ibid.*, 83:7:199. (2600)

Freeman, Mrs. Ruth Crawford, M.S., Associate in Home Accounts

ARTICLES:

- With J. Lita Bane:
Contract buying. *J. Home Econ.*, Nov., 1937.
- With Candace Hurley:
They get what they want. *Successful Farm.*, Mar., 1938.
- With Virginia W. Randall:
Summary of Illinois home accounts records, 1936-37. U. of I. Coll. Agr. Mimeo., 1937.

Fuelleman, Robert Francis, M.S., Assistant in Crop Production

ARTICLES:

- Orchard grass. U. of I. Dept. of Agron. Mimeo., 1938. 5 pp. (1400)
- Reed canary grass. *Ibid.*, 5 pp. (1400)
- Renovating worn pastures by means of scarification and reseedling with legumes. *Ibid.*, 4 pp. (950)
- Sudan grass. *Ibid.*, 3 pp. (700)
- See also O. Bolin and J. J. Pieper.

Fuller, Harry James, Ph.D., Assistant Professor of Botany

ARTICLES:

- Elementary botany at the University of Illinois. *Trans. Ill. Acad. Sci.*, 30:115-17. (1200)

With J. H. Hanley:

- Effects of heat and cold treatment upon enzyme activity in bulbs and corms. *Ibid.*, 30:113-14. (900)

Fuson, Reynold Clayton, Ph.D., Professor of Organic Chemistry

BOOKS:

With H. Gilman and others:

- Organic chemistry (vol. 1). John Wiley and Sons, N.Y., 1938. lvi + 857 pp.

ARTICLES:

With W. E. Ross:

- The action of methylmagnesium bromide on 2,4,6-trichlorobenzoyl chloride. *J.A.C.S.*, 59:1508. (1200)

Garner, James Wilford, Ph.D., LL.D., Litt.D., Professor of Political Science and Head of the Department

ARTICLES:

- The outlook for the law of war and neutrality. *Trans. Grotius Soc.*, 22:1-12. (4000)
- Extradition (France and the United States)—the Neidecker case. *Brit. Yr. Bk. Internat. Law*, 18:193-95. (1600)
- Sovereign states as plaintiffs (counter claims). *Ibid.*, 18:195-96. (450)
- Confiscatory decrees of the Soviet government of Russia—validity in the United States. *Ibid.*, 18:196-97. (600)
- The Spanish Civil War—neutrality policy of the United States. *Ibid.*, 18:197-98. (800)
- The United States Neutrality Act of 1937. *Amer. J. Internat. Law*, 31:385-97. (6000)
- Recognition of belligerency. *Ibid.*, 32:106-13. (3600)
- Legal aspects of air craft in belligerent operations. *Proc. Amer. Soc. Internat. Law*, 1937, pp. 120-23. (1600)
- Recent American neutrality legislation. *Proc. Royal Inst. Internat. Affairs*, 16:853-63. (5000)
- La justice administrative en France et aux Etats-Unis. *Institut des Etudes Americaines, Cahiers de Politique Etrangere*, 1938, No. 32. (3000)

REVIEWS:

- The elements of international law, by H. Wheaton. *Amer. J. Internat. Law*, 31:546. (400)
- Académie de droit international. Recueil des Cours, 1936. *Ibid.*, 31:183-89. (3200)
- Oppenheim's international law (vol. 2, 5th ed.), by H. Lauterpacht. *J. Soc. Comp. Legis. and Internat. Law*, 20(3d ser.): 130-32. (1500)
- The sources of international law, by G. A. Finch. *Amer. Bar Assoc. J.*, 81:33-34. (400)
- Truth in history and other essays, by Dunn-ing. *J. So. Hist.*, 4:94-95. (800)
- Mississippi, storm center of secession. *Ibid.*, 250-52. (1200)

Gathercoal, Edmund Norris, Ph.G., Pharm.M., Professor of Pharmacognosy

ARTICLES:

- Pharmacy week radio talk. *J.A.Ph.A.*, 26:10: 939-42. (2500)
- Report on the National Formulary. *Ibid.*, 26:11:1063-66. (1500)
- Revision of N. F. VI. *Merck's Report*, Jan., 1938, p. 15. (2500)

GATHERCOAL, E. N.—Articles (continued)

National Formulary Bulletin, May 12, 1937, to March 16, 1938.

Report of subcommittee on extractive preparations. *Ibid.*

Report of subcommittee on color naming. *Ibid.*

With E. E. Vicher:

An improved calomel ointment. *J.A.Ph.A.*, 26:12:1241-45. (3000)

With E. E. Vicher and Esther Meyer:

Phenol resistance of *Staphylococcus aureus*. *Ibid.*, 26:7:590-93. (1700)

With R. K. Snyder and L. Goldberg:

Assay of N. F. pepsin preparations. *Ibid.*, 26:6:541-43. (1500)

Gellhorn, Ernst, M.D., Ph.D., Professor of Physiology

ARTICLES:

On the mechanism by which CO₂ offsets the effect of O₂ deficiency. *Amer. J. Physiol.*, 119:316. (250)

Oxygen deficiency, carbon dioxide and temperature regulation. *Ibid.*, 120:190-94. (1700)

The influence of carbon dioxide in combating the effect of oxygen deficiency on psychic processes with remarks on the fundamental relationship between psychic and physiologic reactions. *Amer. J. Psychiat.*, 93:1413-34. (5000)

The integrated action of the organism exemplified by studies on anoxemia. *Sigma Xi Q.*, 25:156-65. (4500)

The action of hypoglycemia on the central nervous system and the problem of schizophrenia from the physiologic point of view. *J.A.M.A.*, 110:1433-34. (1200)

With J. O. Dunn:

Undernutrition, starvation and phagocytosis. *J. Nutr.*, 14:145-53. (2400)

With N. Glickman:

The effect of oxygen deficiency on the sensitivity of rats to insulin. *Amer. J. Physiol.*, 121:358-63. (2400)

With S. H. Kraines:

Word associations as affected by deficient oxygen, excess of carbon dioxide and hyperpnea. *Arch. Neurol. Psychiat.*, 38:491-502. (3500)

With E. Lambert:

Carotid sinus pressor reflexes in anoxia. *Proc. Soc. Exp. Biol. Med.*, 38:315-16. (400)

Role of afferent nerves in response of vasomotor center to oxygen deficiency. *Ibid.*, 38:427-29. (900)

With B. Ury:

Influence of oxygen deficiency on reflex dilatation of the pupil. *Ibid.*, 38:426-27. (400)

With I. G. Spiesman and A. Weil:

Significance of peripheral receptors for excitability of the central nervous system. *Ibid.*, 36:643-45. (700)

With R. C. Ingraham and L. F. Moldavsky:

On the relation between hypoglycemia and anoxemia. *Amer. J. Physiol.*, 119:341. (120)

With J. Mehlman and M. Kaplan:

Contribution to problem of cutaneous localization in man. *Arch. Neurol. Psychiat.*, 39:327-32. (1900)

Gernon, John Talbot, B.S., M.D., Associate in Urology

ARTICLES:

With E. Palmer:

The use of ergotamine tartrate in the treatment of the tabetic bladder. *Ill. Med. J.*, July, 1937, pp. 1-19. (1700)

With C. M. McKenna:

Fibro-lipoma of the penis. *J. Urol.*, 38:5:500-02. (650)

Gershon, Solomon, Ph.C., B.S., Instructor in Chemistry

BOOKS:

The catalytic dehydrogenation of sugar alcohols. Univ. of Chicago Libraries, Mar., 1938. 52 pp.

Giesecke, G. Ernst, Ph.D., Instructor in German

ARTICLES:

New meanings. *Words*, 4:4:55. (350)

Gieseking, John Eldon, Ph.D., Associate in Soil Physics and Soil Survey
See H. J. Snider.

Goble, George W., A.B., LL.B., Professor of Law

BOOKS:

Cases on contracts I. Foundation Press, Chicago, 1937. xxiv + 769 pp.

ARTICLES:

Is loss payable clause a separate contract. *J. Amer. Insurance*, 14:10:16-17. (2000)

Goff, John A., Ph.D., Professor of Thermodynamics

BOOKS:

Notes on thermodynamics (2d ed.). John S. Swift Co., St. Louis, 1937. 142 pp.

Gotshalk, Dilman Walter, Ph.D., Associate Professor of Philosophy

BOOKS:

Structure and reality—a study of first principles. Dial Press, N.Y., 1937. xiv + 292 pp.

ARTICLES:

The metaphysical situation. *Philos. Rev.*, 46:5:513-23. (4500)

REVIEWS:

Le phénomène de l'art, par G. Mottier. *Ibid.*, 46:4:453-54. (160)

L'esthétique française contemporaine, par V. Feldman. *Ibid.*, 46:5:564. (160)

Graham, Robert, B.S., D.V.M., Professor of Animal Pathology and Hygiene

ARTICLES:

With J. Sampson and L. E. Boley:

Losses of newborn calves presumably the result of feeding dams rations inadequate for reproduction. *Cornell Veterinarian*, 28:1:53-57. (2000)

With C. A. Brandly:

Studies on incubator hygiene. IX. The disinfecting properties of formaldehyde for hemophilic bacteria associated with avian coryza. The filtrable viruses of infectious laryngotracheitis, and infectious bronchitis. *Poultry Sci.*, 16:6:428-33. (2800)

With C. A. Brandly and G. L. Dunlap:

Studies on duck septicemia. *Cornell Veterinarian*, 28:1:1-8. (2000)

With J. D. Mizelle:

Studies on so-called cornstalk disease in horses. V. Feeding experiments. *Ibid.*, 27:4:374-80. (1200)

GRAHAM, ROBERT—Articles (continued)

With G. L. Dunlap:

Rabies. *Ill. Eng. Exp. Sta. Circ.*, 475. 23 pp. (6000)

\$5,000,000 reward to Illinois cattle breeders and dairymen. U. of I. Dept. of Animal Husb. Mimeo.

Pregnancy disease in Illinois flocks. *Ibid.*Prevention of scours in calves. *Ibid.*

Graham, Walter James, Ph.D., Professor of English

ARTICLES:

With C. W. Roberts, R. T. Ittner, and others: The romantic movement: a selective and critical bibliography for the year 1937. *Engl. Literary Hist.*, 5:111-49.

REVIEWS:

A catalogue of English newspapers in the Bodleian Library 1620-1800, by R. T. Milford and D. N. Sutherland. *J. Engl. Germ. Philol.*, 36:446. (550)German visitors to English theaters in the 18th century, by J. A. Kelley. *Ibid.*, 36:614. (350)The poetry of the Gentleman's Magazine, by C. D. Yost, Jr. *Ibid.*, 36:613. (300)

Gray, Edna Ruth, A.B., B.S., Associate in Clothing Extension

ARTICLES:

Selecting men's clothes. *Copper's Farmer*, Nov., 1937, p. 41.Mending lore. *Ibid.*, Mar., 1938, p. 41.

Gray, Horace Montgomery, Ph.D., Associate Professor of Economics and Assistant Dean of the Graduate School

ARTICLES:

How shall we plan for tomorrow's business. *Dairy Mfrs. Conf. Manual*, Urbana, 1937, pp. 16-20. (2500)

Local improvements in relation to drainage basin, state and national plans. Regional Plan. Comm. Champaign Co., 1938, pp. 13-14. (600)

REVIEWS:

Electric power in Syria and Palestine, by B. A. Faris. *Amer. Econ. Rev.*, 27:2:585. (400)Sugar, a case study of government control, by J. E. Dalton. *Ann. Amer. Acad. Pol. Social Sci.*, 193:165-66. (500)State and national power over commerce, by F. D. G. Ribble. *Ibid.*, 193:167-68. (800)Big business, its growth and its place, by A. L. Bernheim (ed.). *Ibid.*, 194:249. (800)How profitable is big business, by A. L. Bernheim (ed.). *Ibid.*, 194:250. (800)

Greeley, Paul Webb, A.B., M.D., Instructor in Surgery

ARTICLES:

The Gillies operation for correction of depressed fracture deformities of the zygomatic-malar bones. *Ill. Med. J.*, May, 1937. (1500)

Green, George Kenneth, Ph.D., Instructor in Physics

See P. G. Kruger.

Green, John William, M.S., Associate in Agricultural Economics

See H. C. M. Case.

Griffith, Coleman Roberts, Ph.D., Professor of Education and Director of the Bureau of Institutional Research

ARTICLES:

Educational research. *Bul. Fed. Ill. Colleges*, Mar. 18, 1938, pp. 14-18. (3800)Functions of a bureau of institutional research. *J. Higher Educ.*, 9:5:248-55. (4500)

Griffith, Donald Kenneth, M.S., Assistant in Accountancy

ARTICLES:

Weaknesses of index-number accounting. *Acct. Rev.*, 12:2:123-33. (7600)

Habberton, William, Ph.D., Assistant Professor of Education, and Head of the Department of Social Studies in the University High School

BOOKS:

Anglo-Russian relations concerning Afghanistan, 1837-1907. U. of I. Press, Urbana, 1937. 102 pp.

ARTICLES:

Socialization of education. *Social Educ.*, 11:5:336-39. (2000)

Hackett, Robert Phillip, Ph.D., Assistant Professor of Accountancy, and Assistant Dean of the College of Commerce

REVIEWS:

Cost accounting—principles and methods (2d ed.), by C. Reittel and C. E. Johnston. *Acct. Rev.*, 12:4:433. (900)

Hackleman, Jay Courtland, A.M., Professor of Crops Extension

ARTICLES:

With E. D. Walker:

Five steps in pasture improvement. U. of I. Dept. of Agron. Mimeo., 1938. 11 pp. (3400)

Hague, Stella Mary, Ph.D., Instructor in Botany

ARTICLES:

Illinois liverworts. *Trans. Ill. Acad. Sci.*, 30:2.

Hall, Darl Merideth, Ph.D., Extension Project Supervisor

ARTICLES:

Specialization first. *Nation's Schools*, 21:4:32. (300)

Hall, Stanley William, B.S., Associate Professor of Floriculture

ARTICLES:

Seedling chrysanthemums at the University of Illinois. *Chrysanthemum Soc. Amer. Bul.*, 5:2:10-13.Final florists' course of the season at University of Illinois. *Flor. Rev.*, 81:2:103:17-22.Rose growing in Illinois. *Ibid.*, 82:2:109:37.The greenhouse rose industry in Illinois. *Flor. Exch.*, 90:19:11.

Ham, Clarence Walter, B.M.E., M.E., Professor of Machine Design

BOOKS:

Mechanics of machinery (2d ed.). McGraw-Hill Book Co., N.Y., 1938. 476 pp.

Hamilton, Tom Sherman, Ph.D., Assistant Professor of Animal Nutrition

See H. H. Mitchell.

Hansen, Edwin LeRoy, B.S., Assistant in Agricultural Engineering

ARTICLES:

With F. W. Andres:

An electric fence made from home materials.

Hark, Frederick William, M.S., M.D., Assistant Professor of Orthopaedics

See H. B. Thomas.

Harman, Cameron Gerald, M.S., Instructor in Ceramic Engineering

See A. E. Badger and C. W. Parmelee.

Harno, Albert James, B.S., LL.B., LL.D., Professor of Law, Dean of the College of Law, and Provost

ARTICLES:

The training of a lawyer. *Bar Examiner*, 6:7:90-92; *Reporter*, 22:2:6-8. (1500)

Uniform expert testimony act. *J. Amer. Judicature Soc.*, 21:5:156-60. (3200)

REVIEWS:

Outlines of criminal law (15th ed.), by Kenny. *Yale Law J.*, 47:2:315-17. (900)

The influence of the American Bar Association on public opinion and legislation, by M. Louise Rutherford. *Wash. Univ. Law Q.*, 23:2:286-88. (1000)

Felony and misdemeanor, by J. Goebel, Jr. *Amer. Bar Assoc. J.*, 24:4:322-23. (1200)

Harrell, Thomas Willard, Ph.D., Instructor in Psychology

ARTICLES:

Factors influencing preference and memory for auditory rhythm. *J. Gen. Psych.*, 17:63-104. (12,000)

The validity of certain mechanical ability tests for selecting cotton mill machine fixers. *J. Soc. Psych.*, 8:279-82. (1000)

Scientific tests for fitting the operative to the job. *Cotton*, 101:63-64. (1000)

With R. M. Dorcus:

Some relations between initial body polarity and polarity during the psychogalvanic reflex. *J. Gen. Psych.*, 16:489-91. (900)

With R. Harrison:

The rise and fall of behaviorism. *Ibid.*, 18:367-421. (15,000)

Hassini, George Boris, M.S., Professor of Neurology

ARTICLES:

Neuroptic myelitis vs. multiple sclerosis. *Arch. Neurol. Psychiat.*, 37:1083-99. (5000)

Marie's ataxia (olivopontocerebellar atrophy): clinical and pathologic considerations. *Ibid.*, 37:1371-81. (3500)

Pathologic features of multiple sclerosis and allied conditions. *Ibid.*, 38:713-24. (4500)

Friedreich's ataxia, a histopathologic study. *Ibid.*, 39:116-30. (4000)

Changes in the brain in accidental electrocution. *J. Nerv. Ment. Dis.*, 86:6:668-73. (2000)

Nerve injuries caused by intravenous injections of dextrose. *J.A.M.A.*, 110:13:948-49. (2000)

Ear phenomenon in lesions of the sympathetic nerve. *Ibid.*, 110:1440-41. (500)

With E. Oldberg and M. Tinsley:

Changes in the brain in plexectomized dogs. *Arch. Neurol. Psychiat.*, 38:1224-39. (5500)

REVIEWS:

Malarial therapy of neurosyphilis and other diseases of the nervous system, by P. A. Miniovich. *J. Nerv. Ment. Dis.*, 87:241. (500)

Reviews (continued)

Theoretische und experimentale Studien zur Methylenblaufärbung des Nervengewebes, by A. Schabadasch. *Arch. Neurol. Psychiat.*, 37:1468.

Beiträge zur Pathologie des Thalamus, by P. Schuster. *Ibid.*, 39:216-17. (1000)

Herrold, Russell Dorr, B.S., M.D., Associate Professor of Surgery

ARTICLES:

Treatment of infections in the urinary tract with sulfanilamide. *Proc. Inst. Med. Chicago*, 11:15:321-22. (650)

Treatment of gonorrhea and other infections in the urinary tract with sulfanilamide. *Urol. Cutan. Rev.*, 41:7:468-71. (3000)

Management of gonorrhea—present status. *Ind. Med.*, 7:1:5-8. (4000)

Hershey, Albert Eby, M.S., Research Assistant Professor of Mechanical Engineering

ARTICLES:

Flame temperatures in engines. *Chem. Rev.*, 21:3:431-37. (3200)

Hick, Ford Kimmel, M.D., Ph.D., Assistant Professor of Medicine

ARTICLES:

The use of oxygen in pneumonia. *Med. Clin. N. Amer.*, Jan., 1938. (5100)

Criteria of oxygen want, with especial reference to neurocirculatory asthenia. *Amer. J. Med. Sci.*, 6:194:800-04. (1400)

See also R. W. Keeton and G. de Takats.

Higgins, John A., D.D.S., Instructor in Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

Use of potassium chloride as a hemostatic agent—report of two cases. *J. Amer. Dent. Assoc.*, 24:1047. (600)

Higginson, Glenn D., Ph.D., Associate Professor of Psychology

ARTICLES:

An objective test of imagination. Edwards Bros., Ann Arbor, Mich., 1938. 6 pp.

Mirror drawing apparatus for the instructional laboratory. *J. Psych.*, 6:335. (1500)

The place of meaning in psychology. *Psych. Rev.*, 44:6:491-504.

Comparative study of maze learning with and without knowledge of pattern similarity. *J. Gen. Psych.*, 18:63-76. (6500)

Hiller, Ernest Theodore, Ph.D., Professor of Sociology

ARTICLES:

The social structure in relation to the person. *Social Forces*, 16:1:34-44. (6400)

Hindsley, Mark Hubert, A.M., Associate in Music and Assistant Director of Military Bands

BOOKS:

Music educator's basic method for the cornet. Carl Fischer, N.Y., 1937. 48 pp.

Music educator's method for the baritone. *Ibid.*, 48 pp.

Music educator's method for the BB \flat tuba. *Ibid.*, 48 pp.

Music educator's method for the E \flat tuba. *Ibid.*, 48 pp.

ARTICLES:

When do we start? *Educ. Music Mag.*, 17:1:15. (1000)

The advanced class. *Ibid.*, 17:2:11. (1000)

HINDSLEY, M. H.—Articles (continued)

- The pre-class clinic for beginning instrumentalists. *Ibid.*, 17:3:29-30. (1200)
 The instrumental class. *Ibid.*, 17:4:61-62. (1500)
 The instrumental music teacher. *Music Educ. J.*, 24:3:34. (3000)
 Ten commandments for school band and orchestra. *Sch. Musician*, 9:2:19. (500)
 Common points in wind instruments. *Etude*, 55:10:645. (2300)

MUSIC:

- Music in the air (march paraphrase). Carl Fischer, N.Y., 1937.

Hine, Maynard K., D.D.S., Associate in Dental Pathology and Therapeutics

ARTICLES:

- The simulation of spirochetal morphology by fusiform bacteria. *J. Infect. Dis.*, 61: 198-200.

With **G. P. Berry**:

- Morphological and cultural studies of the genus fusiformis. *J. Bact.*, 34:517-33.

Hoener, Irwin Raymond, M.S., Assistant in Soil Fertility

See **E. E. DeTurk**.

Hood, Marion, Ph.D., Associate in Medicine
 See **R. W. Keeton**.

Hopkins, B. Smith, Ph.D., D.Sc., Professor of Inorganic Chemistry

BOOKS:

- General chemistry for colleges (rev. ed.). D. C. Heath and Co., Boston, 1937. 758 pp.

With **M. J. Copley**:

- Laboratory exercises and problems in general chemistry. D. C. Heath and Co., Boston, 1937, 234 pp.

ARTICLES:

With **W. A. Taebel**:

- Beobachtungen über seltene Erden. XLVII. Darstellung der wasserfreien Jodide seltener Erden. *Zeit. Anor. Allgem. Chemie*, 235:62-64. (850)

- The rare earths as catalysts. *Trans. Electrochem. Soc.*, 71:397-403. (2700)

With **C. N. McCarty**, **L. R. Scribner**, and **Margaret Lawrence**:

- Observations on the rare earths. XLVIII. Quantitative estimation of the rare earths by means of their arc spectra. *Ind. Eng. Chem.* (anal. ed.), 10:184-87. (5000)

REVIEWS:

- Inorganic chemistry, a survey of modern developments, by **G. T. Morgan** and **F. H. Burstall**. *J. Chem. Educ.*, 14:249. (750)
 Textbook of inorganic chemistry (5th ed.), by **J. R. Partington**. *Ibid.*, 14:600. (350)

Howe, John Stewart, A.B., M.D., Associate in Pathology

ARTICLES:

- Daily variations in tuberculin reactions. *Amer. Rev. Tuberc.*, 37:264-85. (5000)
 Abstract in *Trans. 33d An. Meet. Nat. Tuberc. Assoc.*, 1937. (400)
 The role of anoxia of the tissues in the reaction to tuberculosis. *Arch. Pathol.*, 23:740. (300)
 Variability of daily tuberculin reactions (abstract). *Amer. J. Pathol.*, 13:611. (500)

Huegy, Harvey Wilborn, Ph.D., Assistant Professor of Business Organization and Operation

ARTICLES:

- Installment terms. *Credit and Financial Management*, 39:10:19-21. (3000)

With **A. H. Winokor**:

- The financial policies and practices of automobile finance companies. *Ill. Bur. Bus. Res. Bul.*, 56. 56 pp. (22,000)

Huelsen, Walter A., M.S., Associate Professor of Olericulture

ARTICLES:

With **W. H. Michaels**:

- The yield complex of sweet corn. *Ill. Agr. Exp. Sta. Bul.*, 432, pp. 509-608. (50,000)
 Growers contracts for sweet corn. *Ill. Agr. Exp. Sta. Circ.*, 472. 16 pp. (6300)

Huelster, Laura Jewel, A.M., Assistant Professor of Physical Education for Women

ARTICLES:

- Suggested high school studies for physical education majors. *Ill. Phys. Educ. News*, 1:3:2. (800)

Hull, Ralph, Ph.D., Assistant Professor of Mathematics

ARTICLES:

- Note on the ideals of cyclic algebras. *Bul. Amer. Math. Soc.*, June, 1937, pp. 384-87. (1000)

With **F. S. Nowlan**:

- Sets of integral elements of certain rational division algebras. *Trans. Royal Soc. Canada*, 3d Ser., Sec. III, Vol. 31, pp. 163-84. (2000)

REVIEWS:

- Sixteen short reviews in *Zentralblatt für Mathematik*.

Hunter, Merlin Harold, Ph.D., Professor of Economics and Head of the Department

ARTICLES:

- Effects of taxation on localization of industry. *Proc. Nat. Tax Assoc.*, 30:179-86;
State Finance Amer. Yr. Bk., 1938, pp. 225-232. (4000)

REVIEWS:

- Assessment principles and terminology, by the National Association of Assessing Officers. *Amer. Econ. Rev.*, 38:181. (300)

Huntington, Whitney Clark, M.S., C.E., Professor of Civil Engineering and Head of the Department

ARTICLES:

- Structural engineering. *Amer. Yr. Bk.*, 1937, pp. 658-67. (6500)

With **R. Newcomb** and **W. R. Tylor**:

- Summary abstract. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 279-98. (10,000)

Ingraham, Raymond Clifford, Ph.D., Associate in Physiology

ARTICLES:

With **M. B. Visscher**:

- Further studies on intestinal absorption with the performance of osmotic work. *Amer. J. Physiol.*, 121:771-85. (5500)

With **M. B. Visscher** and **H. C. Peters**:

- On the movement of materials across living membranes against concentration gradients. *J. Physical Chem.*, 42:141-50. (4000)

See also **E. Gellhorn**.

Ittner, Robert Theodore, Ph.D., Instructor in German

BOOKS:

The Christian legend in German literature since Romanticism. Ottendorfer Memorial Series of Germanic Monographs, No. 28, N.Y., 1937. vii + 124 pp.

ARTICLES:

See *W. J. Graham*.

Jackson, Chester Oscar, A.M., Assistant Professor of Physical Education for Men

ARTICLES:

Health and sanitary practices in high-school athletics. *J. Sch. Health*, 7:7:151-56. (2500)

Clean sports: a new angle. *Hygieia*, 15:11:987-89. (2500)

Status of physical education in the accredited secondary schools of Illinois. *Res. Qt. Amer. Assoc. Health & Phys. Educ.*, 9:1:47-59. (3000)

Jacobsen, Eda Augusta, A.M., Assistant Professor of Home Economics

BOOKS:

With *Helen E. McCullough*:

Fundamentals of textiles—a workbook. John Wiley and Sons, N.Y., 1937. 154 pp.

Jensen, Vernon Peter, Ph.D., Special Research Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

Some three-dimensional aspects of the bridge roller problem. *Iowa Eng. Exp. Sta. Bul.*, 138, pp. 1-31. (10,000)

Jirka, Frank Joseph, M.D., Assistant Professor of Surgery

ARTICLES:

Typhoid fever and diphtheria in Illinois. *Ill. Med. J.*, 72:74.

Diphtheria immunization. *Ibid.*, 71:466.

The advances in sewage treatment in Illinois during the past decade. *Proc. Ill. Assoc. Sanitary Dist.*, 1937.

Walking into trouble. *Insurance Broker*, July, 1937.

With *C. S. Scuderi*:

Mucocoeles of the appendix. *Ill. Med. J.*, Jan., 1938.

Joannides, Minas, M.S., M.D., Associate in Surgery

ARTICLES:

With *O. C. Schlack*:

Use of phrenic neurectomy combined with artificial pneumoperitoneum for collapse of adherent tuberculous lung. *J. Thoracic Surg.*, 6:218-20.

Jobst, Valentine, Ph.D., Instructor in Political Science

ARTICLES:

The United States and international labor conventions. *Amer. J. Internat. Law*, 32: 135-38. (1300)

REVIEWS:

The ratification of international conventions, by F. O. Wilcox; *Théorie juridique de la révision des traités*, by G. Scelle. *Pol. Sci. Qt.*, 53:137-39. (1000)

International law, by L. Oppenheim; The law of nations—cases, documents, and notes, by H. W. Briggs (ed.). *Amer. Bar Assoc. J.*, 24:325-27. (1800)

Johnson, Clarence A., Ph.D., Associate in Physiological Chemistry

ARTICLES:

Sulfanilamide, A brief review of its development, chemistry, and clinical use. *Ill. Med. J.*, 73:235-37. (1200)

Johnson, Percy Evert, B.S., First Assistant in Soil Experiment Fields

See *F. C. Bauer*.

Johnson, Sveinbjorn, A.M., LL.B., LL.D., Professor of Law and University Counsel

BOOKS:

Intercollegiate athletics as a part of the state's educational program. Petition, brief and argument for respondent, Allen, Collector of Internal Revenue v. Regents of the University System of Georgia. U. of I., Urbana, 1938. ii + 59 pp.

ARTICLES:

Go ye and learn what that meaneth. (Address given at the Honors Day Convocation, Dec. 1, 1937). *Sch. of Educ. Rec. Univ. of N. D.*, 23:4:99-110. (3000)

REVIEWS:

Tjuvnad och Fornäemi, by T. Wennstrom. *Germ. Rev.*, 12:3:218-19. (900)

Principles of corporate reorganization in bankruptcy, by T. K. Finletter. *Georgetown Law Rev.*, 26:1094-96. (500)

Johnston, Paul Evans, Ph.D., Associate Professor of Agricultural Economics Extension

ARTICLES:

Farm management as related to conservation programs. *J. Farm Econ.*, 19:3:685-87. (1000)

Factors which influence the level of living of farm families. *Ill. Agr. Econ. Schools Mimeo.*, pp. 101-36. (10,000)

Cost of producing apples and peaches in Illinois, 1932-1936. *Trans. So. Ill. Hort. Soc.*, 1937, 71:380-86. (1500)

With *J. B. Cunningham*:

Summary of annual farm business reports on 1,658 Illinois farms for 1936. U. of I. Dept. of Agr. Econ. Mimeo., 635. (2500)

With *J. B. Cunningham and others*:

A series of 49 annual farm business reports for counties or groups of counties in Illinois. U. of I. Dept. of Agr. Econ. Mimeo., 770-818.

Johnstone, Henry Fraser, Ph.D., Associate Professor of Chemical Engineering

ARTICLES:

Recovery of sulfur dioxide from waste gases, IV. *Ind. Eng. Chem.*, 29:1396-98. (1200)

With *H. J. Read*, and *H. C. Blankmeyer*: Recovery of sulfur dioxide from waste gases, III. *Ibid.*, 30:101-09. (4500)

With *R. V. Kleinschmidt*:

The absorption of gases in wet cyclone scrubbers. *Trans. Amer. Instit. Chem. Eng.*, 34:2:181-97. (5000)

With *W. O. Taff* and *F. G. Straub*:

Decomposition of sodium-sulphite solutions at elevated temperatures. *Trans. Amer. Soc. Mech. Eng.*, 60:3:261-65. (2500)

Jones, Paul Van Brunt, Ph.D., Professor of History

BOOKS:

Analytical survey of modern European history (rev. ed.). Macmillan Co., N.Y. Part I, 1937, 46 pp.; Part II, 1938, 52 pp.

Jordan, Garret Lowell, Ph.D., Assistant Professor of Agricultural Economics

ARTICLES:

The implications of recent money and credit developments. *Ill. Farm Econ.*, Feb., 1938.

Kaiser, Margaret, M.S., Assistant in Botany

ARTICLES:

Transitional phenomena in a normal seedling of *Althaea rosea* Cav. *Proc. Okla. Acad. Sci.*, 17:62-65. (1000)

Kammlade, William Garfield, Ph.D., Associate Professor of Sheep Husbandry

BOOKS:

With J. L. Edmonds, W. B. Nevins, R. R. Snapp, and W. E. Carroll:

Workbook in producing farm livestock. John Wiley and Sons, N.Y., 1938. 100 pp.

Kampmeier, Otto Frederic, Ph.D., M.D., Professor of Anatomy and Head of the Department

BOOKS:

A manual of instruction of human morphology. Part IV: Morphology of the abdomen and its organs. Edwards Bros., Ann Arbor, Mich., 1937. 98 pp.

Origin and development of the mediastinal and aortic thyroids and the periaortic fat bodies. U. of I. Press, Urbana, 1937. 82 pp.

REVIEWS:

The lung, by W. S. Miller. *Arch. Path.*, 24:132-33. (600)

Kaplan, Maurice, B.S., M.D., Assistant in Psychiatry

See A. A. Low and E. Gelhorn.

Kearns, Clyde Wilson, Ph.D., Special Research Assistant in Entomology

ARTICLES:

With C. C. Compton:

Improved control of red spider on greenhouse crops with sulfur and cyclohexylamine derivatives. *J. Econ. Entom.*, 30:3:512-22. (6000)

Keating, Louis Clark, Ph.D., Associate in Romance Languages

ARTICLES:

Building the Spanish collection of the small college library. *Hispania*, 20:3:250-52. (900)

The incompetent student raises a problem for the language teacher. *Mod. Lang. J.*, 22:1:38-40. (1100)

New languages for old in junior college. *Junior Coll. J.*, 8:3:142-43. (800)

Keeton, Robert Wood, M.S., M.D., Professor of Medicine and Head of the Department

ARTICLES:

The relation of metabolic diseases to dentistry. *J. Amer. Dent. Assoc.*, 24:1336-41.

Clinical problems in diabetes. *Ill. Med. J.*, Jan., 1938.

With Marion Hood:

Pulmonary disease secondary to amebiasis. *Med. Clin. N. Amer.*, Jan., 1938.

With M. H. Streicher, R. Snyder, and S. Lieberman:

Gastric achylia. Study of the electrolytes of gastric juice. *J. Lab. Clin. Med.*, 22:10:1003.

With E. F. Foley, A. B. Kendrick, and D. Darling:

Articles (continued)

Alterations in serum protein as an index of hepatic failure. *Arch. Internal Med.*, 60:64-76.

With F. K. Hick and N. Glickman:

Physiologic response of man to environmental temperature. *Heating, Piping and Air Conditioning* (Journal Section), Mar., 1938.

Kelley, Victor Wendell, Ph.D., Associate Professor of Horticulture Extension

ARTICLES:

Growing fruit for home use. *Ill. Agr. Exp. Sta. Circ.*, 482. (19,000)

The problem of apple scab control. *Trans. Ill. Hort. Soc.*, 71:339-44. (1300)

Some principles of pruning. *Wis. Hort.*, 28:5:115-16. (1500)

With M. J. Dorsey, P. E. Johnston, and others: An analysis of the Illinois peach industry. *Trans. Ill. Hort. Soc.*, 71:404-47. (6000)

Kemmerer, Donald Lorenzo, Ph.D., Associate in Economics

ARTICLES:

Judges good behavior tenure in colonial New Jersey. *N. J. Hist. Soc. Proc.*, Jan., 1938, pp. 3-15. (3300)

REVIEWS:

Financial development of the United States, by W. J. Schultz and M. R. Caine. *Amer. Econ. Rev.*, Mar., 1938, pp. 125-26. (500)

Kenney, Harold Eugene, M.S., Assistant Professor of Physical Education for Men

BOOKS:

With G. C. Law:

Wrestling for the high school and college. Daniels Press, Champaign, 1937. 117 pp.

ARTICLES:

Professional archery. *Amer. Bowman Rev.*, 7:9:4. (1000)

Keyes, Donald Babcock, Ph.D., Professor of Chemical Engineering

ARTICLES:

Fractional distillation. *Trans. Ill. Acad. Sci.*, 30:185-88. (2000)

With H. D. Foster:

Catalysts for the vapor-phase oxidation of acetaldehyde. *Ind. Eng. Chem.*, 29:1254-60. (5000)

With A. J. Paik and S. Swann, Jr.:

Catalysts for the equilibrium, ethylene-water-ethanol. *Ibid.*, 30:173-75. (3000)

Keyser, Louis Schröer, M.S., Assistant in Chemistry

See R. L. Shriner.

King, Burnham William, Jr., Ph.D., Special Research Assistant in Ceramic Engineering

ARTICLES:

With A. E. Badger:

Remove carbon from iron and steel by heat treatment. *Ceramic Ind.*, 29:1:41. (600)

King, Everett Edgar, M.S., M.C.E., Professor of Railway Civil Engineering

ARTICLES:

Railway electrification. *Amer. Railway Eng. Assoc.*, Bul. 402, Vol. 39, pp. 473-84. (6000)

Railroads. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 80-83.

Kneier, Charles Mayard, Ph.D., J.D., Associate Professor of Political Science

ARTICLES:

Validity of municipal ordinances providing for parking meters. *Mich. Law. Rev.*, 36: 1:157-59. (750)

Kobak, Alfred Julian, M.S., M.D., Associate in Obstetrics and Gynecology

ARTICLES:

The use of silver picrate suppository in the treatment of cervical vaginitis in children. *Amer. J. Obstet. Gyn.*, Aug., 1937.

The interpretation of excessive gonadotropic hormone excreted in the urine in early pregnancy. *J.A.M.A.*, Apr., 1938, p. 1179. (2000)

Koehler, Benjamin, Ph.D., Chief in Crop Pathology

ARTICLES:

With J. R. Holbert:

Combating corn diseases in Illinois. *Ill. Agr. Exp. Sta. Circ.*, 484. (7800)

Koller, Armin Hajman, Ph.D., Assistant Professor of German

BOOKS:

The Abbé Du Bos—his advocacy of the theory of climate. Garrard Press, Champaign, 1937. v + 128 pp.

Konzo, Seichi, M.S., Special Research Assistant Professor of Mechanical Engineering
See A. P. Kratz.

Kraehenbuehl, John Otto, M.S., E.E., Associate Professor of Electrical Engineering

BOOKS:

With M. A. Faucett:

Circuits in electrical engineering (2d ed.). John S. Swift Co., St. Louis, 1937. 364 pp.

ARTICLES:

The University of Illinois surveys study-lighting conditions. *Light*, 7:1. (3000)

Kraines, Samuel Henry, B.S., M.D., Associate in Psychiatry

ARTICLES:

Psychiatric analysis of the present day madness in the world. *Sci. News Let.*, 86:372-73.

Correlation of oxygen deprivation with intelligence, constitution, and blood pressure. *Amer. J. Psychiat.*, 93:1435-46.

With Beulah Bosselman:

Mental changes including aphasia in a patient with sickle cell anemia. *Ibid.*, 94:3:709-12.

See also E. Gellhorn.

Kratz, Alonzo Plumstead, M.S., Research Professor of Mechanical Engineering

ARTICLES:

With J. R. Fellows:

Pressure losses resulting from changes in cross-sectional area in air ducts. *Ill. Eng. Exp. Sta. Bul.*, 300, pp. 1-56. (18,000)

With S. Konzo:

Study of methods of control and types of registers as affecting temperature variations in the research residence. *Heating, Piping, and Air Conditioning* (Journal section), 9:12:745-57. (10,000)

Articles (continued)

With S. Konzo and E. L. Broderick:

Study of summer cooling in the research residence using water at temperature of 52 deg. F. and 46 deg. F. *Ibid.*, 9:5:319-27; 9:6:391-400. (11,000)

With M. K. Fahnestock, S. Konzo, and E. L. Broderick:

The use of water in cooling a residence. *J. Amer. Water Works Assoc.*, 29:6:836-56. (6000)

Kruger, P. Gerald, Ph.D., Associate Professor of Physics

ARTICLES:

With G. K. Green:

The construction and operation of a cyclotron to produce one million volt deuterons. *Phys. Rev.*, 51:699.

The gamma-ray spectrum of B¹⁰. *Ibid.*, 52:247A; 52:773.

Energy variations in cyclotron beam. *Bul. Amer. Phys. Soc.*, Apr., 1938.

With L. W. Phillips:

Spectra of ScIV and ScV. *Phys. Rev.*, 51:1019.

Isoelectronic sequence ClI to MnIX. *Ibid.*, 51:1087.

Deep term in spectra of ScVIII and ScIX. *Ibid.*, 52:97.

With H. S. Pattin:

Spectra of ScVI and ScVII. *Ibid.*, 51:1019.

Ultra violet spectra. *Ibid.*, 52:621.

With W. E. Shoupp:

Scattering of neutrons by protons. *Ibid.*, 51:1021.

With W. E. Shoupp and F. W. Stallmann:

Scattering of neutrons by protons. *Ibid.*, 52:678.

With S. G. Weissberg:

Extreme ultra violet series in CrVI, MnVII, and FeVIII. *Ibid.*, 52:314.

With S. G. Weissberg and L. W. Phillips:

Isoelectronic sequence Al to FeIX. *Ibid.*, 51:1090.

Kudo, Richard Roksabro, D.Sc., Associate Professor of Zoology

REVIEWS:

The biological control of insects, by H. L. Sweetman. *Bot. and Zool.*, 5:10:179.

Biological stains (3d ed.), by H. J. Conn. *Ibid.*, 5:10:180.

The smallest living thing, by G. N. Calkins. *Ibid.*, 5:10:180.

Animal microbiology (4th ed.), by M. F. Guyer. *Ibid.*, 5:12:162.

Biological laboratory technique, by J. B. Gatenby. *Ibid.*, 6:1:360.

Culture methods for invertebrate animals, by J. G. Needham and others (eds.). *Ibid.*, 6:3:681.

Recent advances in cytology (2d ed.), by C. D. Darlington. *Ibid.*, 6:3:682.

Kunz, Jakob, Ph.D., Professor of Mathematical Physics

ARTICLES:

The photo-electric cell in astronomy. *Trans. Ill. Acad. Sci.*, 1938, p. 255.

With R. G. LaBaw:

Optical rotatory power of turbid solutions in an electrical field. *Nature*, 140:194.

With J. T. Tykociner and L. P. Garner:

Water vapor in the construction of more sensitive photo-electric cells. *J. Optical Soc. Amer.*, 27:224.

Ladd, Robert Lelon, M.S., M.D., Assistant Professor of Pathology and of Oral Pathology

ARTICLES:

- Bowel management in oral disabilities. *Peoria Dist. Dent. Soc. Bul.*, Apr., 1938.
Critical analysis of therapeutic measures in the management of pyogenic prostatitis. *J. Urol.*, 39:2.

REVIEWS:

With V. J. O'Connor:

- Year book of urology, 1937. *Ibid.*, 37:557-68.
Review of intraprostatic injection work. *Proc. Staff Members Mayo Clinic*, Spring Number, 1938.

Lang, Alvin Leonard, M.S., Assistant Chief in Soil Experiment Fields

See F. C. Bauer, W. L. Burlison, G. H. Dunagan, and W. P. Flint.

Lansford, Wallace Monroe, M.S., C.E., Assistant Professor of Theoretical and Applied Mechanics

REVIEWS:

- The tensile strength of cast iron, by J. O. Draffin and W. L. Collins. *Proc. A.S.T.M.*, 37:2:99-100. (500)

Larson, Laurence Marcellus, Ph.D., LL.D., Professor of History, Emeritus

BOOKS:

- The changing West and other essays. Norwegian-American Historical Society, Northfield, Minn., 1937. vi + 180 pp.

Larson, Reinhold Fridtjof, M.S., Assistant Professor of Mechanical Engineering

ARTICLES:

- Aluminum paint on oil field boilers. *Petroleum Eng.*, 9:5:28. (1200)

Lee, Frederic Edward, Ph.D., Professor of Economics

ARTICLES:

- British banks make profits despite cheap money. *Barron's*, 18:24:13. (1500)
Our monetary policy. *Economist*, Nov. 5, 1937, p. 26. (4000)

Lehmann, Emil Wilhelm, B.S., E.E., A.E., Professor of Agricultural Engineering and Head of the Department

ARTICLES:

- Rural electrification. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 64-79.
Smaller crews and lower costs. *Elec. on the Farm*, Sept., 1937, pp. 7-9.
Cobbing the corn crop. *Ibid.*, Dec., 1937, pp. 12-13.

Leonard, Maria, A.M., Litt.D., Dean of Women

ARTICLES:

- Values. *Arrow* (Pi Beta Phi), 53:4:346-49. (2800)

With Mildred Warren:

- Today's books for today's girls (rev. ed.). U. of I. Office of the Dean of Women.

Leutwiler, Oscar Adolph, B.S., M.E., Professor of Mechanical Engineering Design and Head of the Department of Mechanical Engineering

BOOKS:

- Notes on the design of steam power plants (rev. ed.). Edwards Bros., Ann Arbor, Mich. 229 pp.

Levine, Norman Dion, Ph.D., Assistant Animal Parasitologist

ARTICLES:

- Infectious enterohepatitis (blackhead) in turkeys. U. of I. Dept. of Animal Husb. Mimeo., 3 pp. (900)
Trichomonad abortion in cattle. *Ibid.*, 3 pp. (500)

Levinson, Samuel Azor, M.S., M.D., Associate Professor of Pathology and Assistant Professor of Medicine

ARTICLES:

- The Weltmann serum coagulation, preliminary report. *J. Lab. Clin. Med.*, 23: 1:1-14.
The Weltmann serum coagulation in tuberculosis. *Trans. Nat. Tuberc. Assoc.*, 1937.
The Weltmann serum coagulation reaction. Comparison with sedimentation reaction and clinical findings in tuberculosis. *Amer. Rev. Tuberc.*, 37:2:200-37.

Lichtenstein, Ben William, M.D., M.S., Instructor in Neurology and Neurological Surgery

ARTICLES:

With H. Zeitlin:

- Actinomycotic abscess of the brain. *Arch. Path.*, 23:58-66. (2500)
Ganglioglioma of the spinal cord associated with pseudosyringomyelia. *Arch. Neurol. Psychiat.*, 37:1356-70. (3500)
Cystic tumor of the third ventricle containing colloid material. *Ibid.*, 38:268-87. (8000)

With A. B. Ragins:

- Ganglioneuroma of the vermiform appendix. *Arch. Path.*, 24:786-90. (850)

Lindstrom, David Edgar, Ph.D., Assistant Professor of Rural Sociology

ARTICLES:

- Natural increase in the population, rural and urban, in Illinois, 1930. *Trans. Ill. Acad. Sci.*, 30:2:63-64. (750)
The farm family and its community problems. *Rural Sociol.*, 2:2:210-14. (2000)
Getting electricity to rural community is social problem. *Rural Elec. Bul.*, Dec., 1937, p. 1. (1500)

With E. H. Regnier:

- Rural social recreation. Ill. Ext. Serv. Mimeo., 75 pp. (12,000)
See also R. R. Parks and H. C. M. Case.

Linsley, Clyde Maurice, M.S., Assistant Professor of Soils Extension

ARTICLES:

With L. B. Miller:

- Light liming—a temporary method of liming for legumes. U. of I. Dept. of Agron. Mimeo., 1937, 5 pp. (1100)

Litman, Simon, Dr. Jr. Pub. et Rer. Cam., Professor of Economics

REVIEWS:

- Commerce and society: a short history of trade and its effects on civilization, by W. F. Oakeshott. *Amer. Econ. Rev.*, 27: 2:362-63. (500)
Autarchie, économie complexe, politique commerciale rationnelle: contribution à l'étude des doctrines du commerce international, by C. D. Herisson. *Ibid.*, 27:3:567. (400)

Littleton, Ananias Charles, Ph.D., C.P.A., Professor of Accountancy and Assistant Director of the Bureau of Business Research

ARTICLES:

- Tests for principles. *Acct. Rev.*, 13:1:16-24. (4500)
Business profits as a legal basis for dividends. *Harv. Bus. Rev.*, 16:1. (5000)

Lloyd, John William, Ph.D., Professor of Olericulture

ARTICLES:

- Green peas for Illinois markets. *Ill. Agr. Exp. Sta. Circ.*, 483, 8 pp. (2800)
Behavior of soybeans as a vegetable crop. *Proc. Amer. Soybean Assoc.*, 17:23-28. (4000)
Soybeans as a vegetable. *Trans. Ill. Hort. Soc.*, 71:328-32. (1800)
Some results of the Western Illinois Apple Survey. *Ibid.*, 71:200-05. (2300)

With B. L. Weaver:

- Fertilizer experiments with greenhouse tomatoes. *Ill. Agr. Exp. Sta. Bul.*, 438: 273-88. (6500)

With S. W. Decker:

- The market for fresh fruits and vegetables in Peoria. *Ill. Agr. Exp. Sta. Bul.*, 435, pp. 57-112. (20,000)

See also W. B. Nevens.

Locklin, David Philip, Ph.D., Associate Professor of Economics

ARTICLES:

- Transport coordination and rate policy. *Harv. Bus. Rev.*, 15:417-28. (6500)

REVIEWS:

- Our economic world, by D. O. Kinsman. *Ann. Amer. Acad. Pol. Social Sci.*, 195: 211-12. (425)

Lohmann, Karl Baptiste, M.L.A., Professor of Landscape Architecture

ARTICLES:

- Some observations on industrial decentralization. *Planners' J.*, Nov.-Dec., 1937. (800)
Planning the network of our streams. *Reg. Plan. Com. Champaign Co.*, Mar., 1938. 46 pp.

Long, Mrs. Bernita Jewell, A.B., LL.B., B.S., Lecturer in Library Science and Assistant in the Law Library

ARTICLES:

- Order routine. *Law Lib. J.*, 30:351-59. (5500)

Low, Abraham Adolph, M.D., Assistant Professor of Psychiatry

ARTICLES:

- Manic-depressive psychosis. *Asylum Light*, 1:27.
Insulin shock therapy. *Ibid.*, 2:31.
An evaluation of the shock treatments of the psychoses. *Psychiat. Exch.*, 1:4.
The present status of sodium amyltal therapy. *Ibid.*, 1:43.
The incidence of utterances concerning sex organs and sex functions in a two year speech record of two preschool children. *Proc. Amer. Speech Correction Assoc.*, 8:70.
References to sex organs and functions in speech production of two preschool children. *Arch. Neurol. Psychiat.*, 39:519.

With I. R. Sonenthal, M. F. Blaurock, M. Kaplan, and Irene Sherman:

Articles (continued)

- Metrazol shock treatment of the "functional" psychoses. *Ibid.*, 39:317.

Luce, Wilbur Marshall, Ph.D., Associate in Zoology

ARTICLES:

- Hybrid crosses in sunfishes. *Trans. Ill. Acad. Sci.*, 30:2:309-10. (1000)

Lybber, Albert Howe, Ph.D., Professor of History

ARTICLES:

- United States relations in the Orient and Near East. *Amer. Yr. Bk.*, 1937, pp. 78-89. (7500)
Turkey's national revolution. *Events*, 2:7: 48-53. (2500)
Storm over Palestine. *Ibid.*, 2:9:221-27. (3400)
Palestine awaits judgement. *Ibid.*, 2:10: 301-04. (2800)
Britain's iron hand in Palestine. *Ibid.*, 2:11: 390-92. (1000)
Renaissance of Arabia. *Ibid.*, 2:12:462-68. (3000)
Arab demands in Palestine. *Ibid.*, 3:13: 60-64. (2300)
Egypt's boy king meets a crisis. *Ibid.*, 3:14: 147-51. (2000)
Stakes of empire in Arabia. *Ibid.*, 3:15: 221-23. (1900)
Turkey marches on. *Ibid.*, 3:16:297-302. (2400)
Arabia, Czechoslovakia, Egypt, Greece, Iran, Iraq, Palestine, Syria, Turkey. *World Bk. Encyc. An.*, 1937. (5000)
Hitler carries on Bismarck tradition of state socialism. *Urbana Courier*, Aug. 15, 1937; *Decatur Herald*, Aug. 15, 1937. (4000)

Maack, Arthur Charles, M.S., Assistant in Dairy Manufactures

See P. H. Tracy.

MacIntire, Horace James, M.M.E., Professor of Refrigeration

BOOKS:

- Refrigeration engineering. John Wiley and Sons, N.Y., 1937. 415 pp.

Mackay, Roland Parks, A.B., M.D., Associate Professor of Neurology and Neurological Surgery

ARTICLES:

- The treatment of general paresis. *Med. Clin. N. Amer.*, Jan., 1938, pp. 233-46.
The exogenous toxins (and the nervous system). Chap. 10 in *Tice's Practice of Medicine*, Pryor and Co., Hagerstown, Md., 1938, pp. 565-625.

Manley, John Henry, Ph.D., Associate in Physics

ARTICLES:

With S. Millman:

- The nuclear spin and magnetic moment of Li⁶. *Phys. Rev.*, 51:19.

With H. H. Goldsmith and J. S. Schwinger:

- Absorption of resonance neutrons. *Ibid.*, 51: 1022.

With J. R. Dunning, F. G. Brickwedde, and H. J. Hoge:

- Interaction of neutrons with normal para-hydrogen. *Ibid.*, 52:1076.

Marriott, Lawrence Frederick, B.S., Assistant in Soil Experiment Fields
See F. C. Bauer.

Marvel, Carl Shipp, Ph.D., Professor of Organic Chemistry

BOOKS:

With Henry Gilman, Roger Adams, and others: Organic chemistry (2 vols.). John Wiley and Sons, N.Y., 1938. Vol. I, 857 pp.; Vol. II, 1033 pp.

ARTICLES:

With J. H. Brown:

Hexaalkylphenylethanes. III. Hexa-*p*-cyclohexylphenylethane and hexa-*m*-tolylethane. *J.A.C.S.*, 59:1175-76. (1200)

Hexaalkylphenylethanes. IV. Preparation of some alkylbromobenzenes. *Ibid.*, 59:1176-78. (1600)

With M. F. Roy:

The dissociation of hexa-*p*-alkylphenylethanes. *Ibid.*, 59:2622-25. (2800)

With G. A. Nesty:

Cyclization of dieneynes. IV. *Trans*-1,2-dialkylcyclooctahydronaphthalene derivatives. *Ibid.*, 59:2662-65. (2900)

With L. R. Drake:

Phosphonic acids and their alkyl esters from α,β -unsaturated ketones. *J. Org. Chem.*, 2:387-99. (6200)

With C. L. Levesque:

The structure of vinyl polymers: the polymer from methyl vinyl ketone. *J.A.C.S.*, 60:280-84. (3200)

With P. S. Pinkney:

Fused ring systems from dieneynes. VI. Some limitations of the cyclization reaction. *Ibid.*, 59:2669-72. (2600)

With P. S. Pinkney, G. A. Nesty, and D. E. Pearson:

Cyclization of dieneynes. V. Hydrophenanthrenes. *Ibid.*, 59:2666-68. (2200)

With L. L. Ryden and F. J. Glavis:

The reaction between sulfur dioxide and olefins and acetylenes. VI. Ascaridole as a catalyst for the reaction. *Ibid.*, 59:1014-15. (1600)

With W. J. Sparks and W. J. Peppel:

Rearrangements of polyenes. X. Rearrangement product of hexa-*t*-butylethynylethane. *Ibid.*, 59:1351-52. (1400)

With M. B. Mueller and W. J. Peppel:

Rearrangement of styryl substituted ethanes. XI. *Ibid.*, 60:410-13. (2400)

Mathews, John Mabry, Ph.D., Professor of Political Science

BOOKS:

American foreign relation (rev. ed.). D. Appleton-Century Co., N.Y., 1938. xvi + 766 pp.

ARTICLES:

The joint resolution method. *Amer. J. Internat. Law*, 32:2:349-52. (1000)

Matson, Edward John, M.S., Assistant in Chemistry

See R. L. Shriner.

Mays, Arthur Beverly, A.M., Professor of Industrial Education

ARTICLES:

Neglected values in industrial arts. *Ind. Educ. Mag.*, 39:4. (1700)

JOURNALS EDITED:

Education, 58:3:129-91.

Industrial arts material in *Amer. Voc. Assoc. J.*, 12:2-3.

McArthur, Selim Walker, Ph.B., M.D., Associate Professor of Surgery

ARTICLES:

The muscle-splitting or grid-iron incision for appendectomy. An historical note. *Surg. Gyn. Obstet.*, 65:715-16.

McCaskill, Oliver Le Roy, Ph.B., J.D., Professor of Law

REVIEWS:

The mind of the juror, by A. S. Osborne. *Ill. Law Rev.*, 32:896. (1100)

McDiarmid, Errett Weir, Jr., Ph.D., Associate in Library Science

ARTICLES:

Suggestions to junior college librarians. *Junior Coll. J.*, 8:2:63-66. (2200)

With G. R. Tatum:

Library noise. *Lib. Qt.*, 8:2:200-09. (2200)

McMunn, Richard Lacey, M.S., Assistant Professor of Pomology

ARTICLES:

With M. J. Dorsey:

Thinning peaches. *Ill. Hort.*, 5:26:3. (300)

Meyer, Marvin Clinton, A.M., Assistant in Zoology

ARTICLES:

Leeches of southeastern Missouri. *Ohio J. Sci.*, 37:4:248-51. (3800)

Notes on some leeches from Ontario and Quebec. *Can. Field-Naturalist*, 51:117-19. (2900)

Michaud, Régis, A.M., Professor of Romance Languages

ARTICLES:

Re-enter Anatole France. *Va. Qt. Rev.*, 13:4:621-24. (1200)

Roger Martin Du Gard. *Books Abroad*, 12:3:149-51. (2300)

Valencia-Madrid-Paris vs. Budapest. *Ibid.*, 12:1:12-14. (1700)

L'année Littéraire 1937. *French Rev.*, 11:5:365-70. (1700)

REVIEWS:

The novel of adolescence in France, by Justin O'Brien. *Ibid.*, 11:3:244-46. (1000)

Twelve reviews of current French books in the autumn and winter numbers of *Books Abroad*. (3600)

Miles, Russell Hancock, M.Mus., Associate Professor of Music

MUSIC:

Harvest caravans: cantata for mixed voices.

Oliver Ditson Co., Phila., 1938. 86 pp.

He shall come down like rain: anthem for mixed voices. *Ibid.*, 8 pp.

Waken! Lords and ladies gay: part song for male voices. *Ibid.*, 15 pp.

ARTICLES:

The Kansas state music festival. *Sch. Musician*, 9:8:18-19. (1900)

Miller, George Abram, Ph.D., LL.D., Professor of Mathematics, Emeritus

BOOKS:

With H. F. Blichfeldt and L. E. Dickson:

Theory and applications of finite groups (rev. ed.). G. E. Stechert Co., N.Y., 1938. 390 pp.

ARTICLES:

Groups of order less than 2^m having $m-1$ or $m-2$ independent generators. *Proc. Nat. Acad. Sci.*, 23:280-85. (2200)

MILLER, G. A.—Articles (continued)

- Groups having a maximum number of independent generators. *Ibid.*, 333-37. (1800)
- Sets of independent generators of a finite group. *Ibid.*, 494-96. (1200)
- Groups in which every subgroup of composite order is invariant. *Ibid.*, 549-52. (1800)
- Groups which contain a Hamiltonian group of odd prime index. *Ibid.*, 587-89. (1100)
- Groups having a maximum number set of independent generators. *Ibid.*, 24:17-30. (1900)
- Groups having a maximum set of independent generators of the same order. *Ibid.*, 91-94. (1700)
- Groups having a maximum number set of conjugate independent generators. *Ibid.*, 94-97. (1200)
- The quadratic equation. *Sch. and Soc.*, 45: 684-85. (1000)
- Implications in the history of mathematics. *Ibid.*, 47:275-77. (1600)
- Group theory for the million. *Sci. Mo.*, 45: 562-65. (1200)

REVIEWS:

- The handmaiden of the sciences, by E. T. Bell. *Nat. Math. Mag.*, 12:102-03. (400)

Miller, Lawrence Byrne, B.S., Associate in Soil Experiment Fields
See F. C. Bauer and C. M. Linsley

Minard, David, Ph.D., Instructor in Physiology

ARTICLES:

- Histamine-like substances in blood following trauma. *Amer. J. Physiol.*, 119:375-76. (150)
- The presence and distribution of histamine-like substances in blood. *Ibid.*, 119:375. (260)

Mitchell, David Ray, M.S., E.M., Associate Professor of Mining and Metallurgical Engineering

ARTICLES:

- Segregation in the handling of coal. *Amer. Instit. Min. Eng.*, Tech. Paper 846. (4000)
- Reclamation of refuse at Illinois coal mines. *Proc. Min. Ind. Conf.*, 1937. (4000)
- Smoke, dust and air pollution. *Coal-Heat*, 32:4:10. (2500)
- Coal preparation gets the spotlight. *Mechanization*, Dec., 1937. (1500)
- Trends in preparation and plant design. *Ibid.*, Apr., 1938. (2000)
- Steam power possibilities. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 62-63.

Mitchell, Harold Hanson, Ph.D., Professor of Animal Nutrition

ARTICLES:

- The importance of the relations between energy, protein, and minerals in measuring the nutritive value of feeds and rations. *Proc. Amer. Soc. Animal Prod.*, 1938, pp. 29-42. (6500)
- The feeding of mineral supplements to livestock (rev. ed.). *Ill. Agr. Exp. Sta. Circ.*, 411, pp. 3-8. (2500)
- The biological value of the proteins and a criticism of the methods of its determination. *Proc. Volta Cong.*, 1937, pp. 3-33. (15,000)

With T. S. Hamilton:

- Sex differences in anemic rats. *Science*, 85:364-66. (2000)

Articles (continued)

With J. R. Beadles:

- The nutritive value of the proteins of nuts in comparison with the nutritive value of beef proteins. *J. Nutr.*, 14:6:597-608. (5500)

With F. J. McClure:

- Mineral nutrition of farm animals. *Nat. Res. Council Bul.*, 99:7-135. (65,000)

With T. S. Hamilton and J. R. Beadles:

- The comparative nutritive values of glucose, fructose, sucrose and lactose when incorporated in a complete diet. *J. Nutr.*, 14:5:435-52. (8500)

With W. E. Carroll, T. S. Hamilton, W. P. Garrigus, and G. E. Hunt:

- Calcium and phosphorus supplements for growing swine. *Ill. Agr. Exp. Sta. Bul.*, 434, pp. 15-54. (20,000)

Mitchell, Robert Victor, M.B.A., Assistant in Business Organization and Operation

See P. D. Converse:

Mohn, Paul Eugene, M.S., M.E., Assistant Professor of Mechanical Engineering

ARTICLES:

- Essential features of heating systems. *Master Plumber*, 7:5:19; 7:6:6; *N. J. Master Plumber*, 1:12:4; 2:1:4. (4000)
- Domestic heating plants. *Coal-Heat*, 32:4:78. (4300)

Monroe, Walter Scott, Ph.D., Professor of Education and Director of the Bureau of Educational Research

ARTICLES:

- Some trends in educational measurement. *Ind. Univ. Sch. Educ. Bul.*, 13:4:28-35. (3500)
- Progress toward a science of education. *Ibid.*, 13:4:43-51. (4000)
- General methods: classroom experimentation. *37th Yrbk. Nat. Soc. Study of Educ.*, Pt. II, pp. 319-27; *Sch. and Soc.*, 45:633-39. (3000)

REVIEWS:

- Reconstructing education through research. *J. Educ. Res.*, 31:537-38. (400)

Moon, George Robert, A.M., Assistant to the Dean of the College of Medicine; Examiner and Recorder for Chicago Departments

ARTICLES:

- Study of premedical and medical scholastic records of students in the University of Illinois College of Medicine. *J. Assoc. Amer. Med. Colleges*, 13:3:208-12. (1900)

Moore, Herbert Fisher, M.E., D.Sc., Research Professor of Engineering Materials

ARTICLES:

- Fatigue testing of wire. *Wire and Wire Products*, 12:5:235-40. (3500)
- Fatigue testing of sheet metal. *Metal Working Press*, 1:9-10:7. (2000)
- Social engineering in the health field. *Ill. Health Mess.*, 10:5:48-50. (2500)
- Why railroad rails break and what is being done about it. *Bul. Assoc. State Eng. Soc.*, 13:2:72-76. (2000)

With R. E. Cramer:

- Internal fissures induced in rails by soaking in hydrogen. *Metal Progress*, Aug., 1937, pp. 159-61. (1300)

With J. B. Baker and B. B. Betty:

- Creep and fracture tests on single crystals of lead. *Metals Tech.*, 5:3:1-20. (6500)

MOORE, H. F.—Articles (continued)

With J. L. Bisesi, R. E. Cramer, and others:
Third progress report of the joint investigation
of fissures in railroad rails. *Proc. Amer. Ry. Eng. Assoc.*, 38:645-73. (10,000)

**Morey, Lloyd, A.B., B.Mus., C.P.A., LL.D.,
Professor of Accountancy and Comptroller****ARTICLES:**

Municipal accounting standards. *Amer. City*,
52:6:127-29. (1200)

Cooperative aids for financial problems.
Educ. Bus. Mgr. Buyer, 19:6:10-13; *Educ. Rec.*, 18:3:377-87. (3000)

Recommendations concerning accounting and
reporting by the National Committee on
Standard Reports. *Proc. Conf. Bus. Off. Coll. and Univ. of Western States*, 1:1:8-30. (11,500)

The developing standards other than those
of accounting in business practices in colleges
and universities. *Proc. 27th Meet. Assoc. Univ. Coll. Bus. Off.*, pp. 36-37. (700)

Principles of accounting for governmental
authorities. *Proc. Amer. Instit. Acct.*,
1937, pp. 289-96. (3100)

Uniform municipal accounting. *Accounting Forum*, 9:1:17-18. (1800)

Government reorganization. *J. Accy.*, 65:4:
329-31. (800)

**Morrow, Glenn Raymond, Ph.D., Professor of
Philosophy****ARTICLES:**

The murder of slaves in Attic law. *Class. Philol.*, 32:3:210-27. (7000)

Law as order and as command. *Travaux du IX^e Congrès Internat. de Philos.*, 12:11-15. (2500)

**Mosher, Martin Luther, M.Agr., Professor of
Farm Management Extension****ARTICLES:**

With W. A. Herrington, E. G. Fruin, and
H. C. M. Case:

Farm bureau farm management service reports.
U. of I. Dept. of Agr. Econ. Mimeo., 624 and 629. (30,000)

**Mrgudich, John Neil, Ph.D., Special Research
Associate in Chemistry**

See G. L. Clark.

**Murphy, Frank George, B.S., M.D., Assistant
Professor of Orthopaedics****ARTICLES:**

Repair of laceration of flexor pollicis longus
tendon. *J. Bone Joint Surg.*, 19:4:1121-23. (1500)

Fracture-dislocation of the ankle joint. *Surg. Clin. N. Amer.*, 18:1:113-27. (3500)

**Nedzel, Alexander John, M.D., M.S., Associate
Professor of Pathology, Bacteriology, and Public Health****ARTICLES:**

Influence of diet upon the action of phenobarbital sodium. *J. Lab. Clin. Med.*, 22:1130. (900)

Variations in the toxicity of morphine sulphate. *Ibid.*, 22:1031. (1200)

The toxicity of morphine sulphate and the
pressor episodes. *Ibid.*, 22:1130. (900)

Experimental endocarditis. *Arch. Path.*, 24:143. (13,000)

The histopathology of experimentally produced
endocarditis (abstract). *Amer. J. Path.*, 13:627. (1100)

Nelson, Tell, B.S., M.D., Associate in Medicine**ARTICLES:**

With M. B. Cohen:

A sheep antibody which blocks the Prausnitz-Kustner reaction. *J. Immunol.*, 34:1:63-69. (1500)

**Nevens, William Barbour, Ph.D., Professor
of Dairy Cattle Feeding****BOOKS:**

With J. L. Edmonds, W. G. Kammlade, R. R. Snapp, and W. E. Carroll:

Workbook in producing farm livestock. John Wiley and Sons, N.Y., 1938. 100 pp.

ARTICLES:

Feeding the dairy herd. *Ill. Agr. Exp. Sta. Circ.*, 440. 52 pp.

Experiments in time of harvesting soybeans for hay. *Proc. Amer. Soybean Assoc.*, Sept., 1937, pp. 34-36.

With R. C. Ross, R. R. Hudelson, F. C. Bauer, H. H. Alp, and J. W. Lloyd:

Shall we move to the country? *Ill. Agr. Exp. Sta. Circ.*, 479. (14,000)

**Newcomb, Rexford, A.M., M.Arch., A.I.A.,
Professor of the History of Architecture,
Director of the Bureau of Community
Planning, and Dean of the College of Fine
and Applied Arts****BOOKS:**

Spanish colonial architecture in the United States. J. J. Augustin, N.Y., 1937. 170 pp.

ARTICLES:

Architecture. *World Bk. Encyc. An.*, Quarrie Corp., Chicago, 1938. (1200)

Observations on planning. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 1-3. (1200)

With W. C. Huntington and W. R. Tylor:
Summary abstract. *Ibid.*, pp. 279-98. (10,000)

**Newmark, Nathan Mortimore, Ph.D., Research
Assistant Professor of Civil Engineering****ARTICLES:**

Estimating earth pressures. *Eng. News-Rec.*, 120:1:23-24. (1200)

REVIEWS:

Graphical distribution of vertical pressure beneath foundations, by D. M. Burmister. *Proc. A.S.C.E.*, 63:6:1098-1101. (1500)

Interaction between rib and superstructure in concrete arch bridges. (Author's closure). *Ibid.*, 64:2:341-43. (1400)

A simple method for the computation of temperatures in concrete structures, by R. W. Carlson. *J. Amer. Concr. Instit.*, 9:4:104. (1200)

**Nicholson, Douglas G., Ph.D., Associate in
Chemistry****ARTICLES:**

Calcined mixtures of litharge and titanium dioxide—x-ray diffraction study. *Ind. Eng. Chem.*, 29:716-17. (700)

With C. E. Holley, Jr.:

Drying of linseed oil paint—concentration of driers. *Ibid.*, 30:114-16. (1500)

**Nolan, Aretas Willbur, Ph.D., Associate
Professor of Agricultural Education****BOOKS:**

With E. Davenport:

Agricultural arts. Gerrard Press, Cham-paign, 1938. 308 pp.

NOLAN, A. W. (continued)

ARTICLES:

- Vocational education in agriculture and life's values. *Agr. Ed. Mag.*, 10:7:129-30. (1500)
Exchange club noumenon. *Exch. Mag.*, 1937-38

Norton, Laurence Joseph, Ph.D., Professor of Agricultural Economics

BOOKS:

- Financing agriculture. Insterstate Printing Co., Danville, Ill., 1938. 319 pp.

ARTICLES:

- Farmers grain elevators. *Ill. Agr. Exp. Sta. Circ.*, 476. (6000)
Production credit. *J. Farm Econ.*, 19:2:540-44. (1200)
A co-op is as strong as its directors. *Nat. Live Stock Prod.*, 16:3. (1200)
Marketing—prominent part of new farm act. *Ibid.*, 16:7. (1200)
Loans on sealed corn. *Ill. Farm Econ.*, Nos. 30-31, pp. 142-43. (700)
Argentine corn crops and exports of United States corn. *Ibid.*, Nos. 34-35, p. 160. (250)
Financial results of farmers elevator companies in 1936. U. of I. Dept. of Agr. Econ. Mimeo., (4000)
Basic facts about marketing; basic facts about cooperative marketing; increasing efficiency of marketing. *Ibid.*, (20,000)

With C. R. Sayre:

- Cash incomes and debt ratios of Illinois farmers in 1935. *Ill. Farm Econ.*, Nos. 24-25, pp. 112-114. (900)

With J. Ackerman:

- Credit used by Illinois farms. *Ibid.*, Nos. 28-29, pp. 134-35. (700)

With L. H. Simerl and G. W. Freemeyer:

- Summary of the cooperative survey in Illinois—grain marketing associations. U. of I. Dept. of Agr. Econ. Mimeo., 734. (5000)
Summary of the cooperative survey in Illinois—dairy marketing associations. *Ibid.*, 859. (2500)

With L. H. Simerl and R. C. Ashby:

- Summary of the cooperative survey in Illinois—livestock marketing associations. *Ibid.*, 844. (2500)

REVIEWS:

- Glory roads and the psychological state of California, by Whitehead and Lewis. *J. Farm Econ.*, 18:4:781. (350)

Noyes, Frederick Bogue, A.B., D.D.S., D.Sc., Professor of Orthodontia, Director of the Children's Clinic, and Dean of the College of Dentistry

BOOKS:

With I. Schour and H. J. Noyes:

- A text-book of dental histology and embryology (5th ed.). Lea and Febiger, Phila., 1938.

ARTICLES:

- The present status of dental education. *J. Dent. Educ.*, 2:2:83-88. (2600)

Noyes, William Albert, Ph.D., LL.D., Chem.D., D.Sc., Professor of Chemistry, Emeritus

ARTICLES:

- Obituary notice of William Pitt Mason. *Yrbk. Amer. Philos. Soc.*, p. 375. (800)

Oldberg, Eric, M.D., Ph.D., Professor of Neurology and Neurological Surgery and Head of the Department

ARTICLES:

- Chronic subdural hematoma. *Inter-State Post Grad. Med. Assoc. N. Amer.*, Oct. 19, 1937.
The reflexes in the prognosis of transverse lesions of the spinal cord. *J.A.M.A.*, 110: 2:104-06.
Neuropithelium des Kleinhirns. *Zentralblatt für allgemeine Pathologie und pathologische Anatomie*, 69:113-15.

With B. Ury:

- Effect of ablation of sensory cortex upon the threshold to pain reaction. *Proc. Soc. Exp. Biol. Med.*, 38:134-37.

With G. B. Hassin and M. Tinsley:

- Changes in the brain in plexectomized dogs, with comments on the cerebrospinal fluid. *Arch. Neurol. Psychiat.*, 38:6:1224-39.

Oldfather, William Abbott, Ph.D., LL.D., Professor of the Classics and Chairman of the Department

ARTICLES:

- Eighteen articles on Locrain antiquities. *Real-Encyc.*, 17:2; 19:1; VI, A, 2. (11,000)
Socrates at court. *Class. Weekly*, 31:203-11. (7000)
Contrasts between ancient and modern civilization. *Phi Kappa Phi. J.*, 17:106-20. (4500)
The earliest recorded library regulation. *Lib. Qt.*, 7:437. (400)
The maintenance of ancient Greek public libraries. *Ibid.*, 8:287-88. (400)
Leopardi and Epictetus. *Italica*, 14:44-53. (3500)
Suggestions for guidance in the preparation of a critical index verborum for Latin and Greek authors. *Trans. Amer. Philol. Assoc.*, Vol. 68. (3500)

REVIEWS:

- The function of a graduate school in a democratic society, by Foster. *Class Weekly*, 30:259-60.

NOTE:—The following articles and reviews were published in 1936-1937 but were not reported previously because Professor Oldfather was on leave of absence.

ARTICLES:

- The sneeze and breathing of love. *Classical Studies Presented to Edward Capps*, pp. 268-81. (5000)
Gli Scavi di Locri, Estratto dal volume "Paolo Orsi" supplemento de *l'Archivio Storico per la Calabria e la Lucania*, 5:187-93. (2000)
In memoriam: Grant Showerman of Wisconsin and Rome. *Amer. Scholar*, 5:3: 367-72. (1800)
Last words on the rising of cold. *Class. Weekly*, 30:2:14-16. (600)
Classica Americana. *Ibid.*, 30:21:235-36. (400)
Twenty-four articles in *Real-Encyc.*, Vol. 17. (6500)
Letter to the editor on the resignation of Edward Berman. *Daily Illini*, Nov. 21, 1936, p. 4. (400)
Report of the committee on materials for research. *Proc. Amer. Philol. Assoc.*, pp. xx-xxii. (1200)

REVIEWS:

- De Priscani Lydi *Solutionum Capite VI*, by Alina Chodaczek. *Class. Weekly*, 30: 8:90. (400)

OLDFATHER, W. A.—Reviews (*continued*)

- Clemens Alexandrinus IV, 2, 1, by O. Ståhlin. *Amer. J. Philol.*, 58:104-05.
Epictetus, Het eerste Boek, by H. W. F. Stollwag. *Gnomon*, 13:3:149-56. (3000)

Oliver, Revilo Pendleton, A.M., Assistant in the Classics

REVIEWS:

- Le origini della tragedia, by B. Stumpo. *Italica*, 14:80-82. (1100)
Immagini delle Antille, and Images des Antilles, by L. Finmi. *Ibid.*, 15:41-42. (600)

Oliver, William Albert, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

- Modern developments in timber construction. *Bul. Assoc. State Eng. Soc.*, 13:138-44. (2800)

Olkon, David Mortimer, A.M., M.D., Assistant Professor of Psychiatry and of Neurology and Neurological Surgery

ARTICLES:

- Chronic subdural hematoma with acute psychotic manifestations. *J.A.M.A.*, 110:20:1664-65. (1700)

Outhouse, Julia Pratt, Ph.D., Associate Professor of Nutrition

ARTICLES:

- The food value of milk. *Ill. Health Mess.*, 10:5:24-28. (5000)

With Janice Smith and Irene Twomey:

- The relative effects of certain saccharides and of vitamin D on mineral metabolism of rats. *J. Nutr.*, 15:3. (3000)

With Janice Smith and Lillian Merritt:

- Control-feeding technic in bone-calcification studies. *Ibid.*, 14:6. (2500)

With Janice Smith, Lillian Merritt, and Florence R. White:

- A comparative study of the growth-promoting and bone-calcifying effects of several carbohydrates. *Ibid.*, 14:6. (3500)

Page, John Lorence, Ph.D., Assistant Professor of Geography

ARTICLES:

- Climatology. *Kaskaskia Valley Report*, U. of I. Info., Office Mimeo., 1937, pp. 21-24.

Parks, Ralph Rex, A.M., Extension Specialist in Agricultural Engineering

ARTICLES:

- Plan now to electrify your farm. Mimeo., 4 pp. (1200)

With D. E. Lindstrom and H. W. Hannah:

- Why electrify and how. Mimeo., 4 pp. (1000)

Parmelee, Cullen Warner, M.S., D.Sc., Professor of Ceramic Engineering and Head of the Department

ARTICLES:

- Report of the Fellowship Committee on Education and Publication, 1936-1937. *Bul. Amer. Cer. Soc.*, 16:12:479-80. (1600)

With C. G. Harman:

- Effect of alumina on the surface tension of molten glass. *J. Amer. Cer. Soc.*, 20:7:224-30. (3300)

With T. N. McVay:

- Effect of iron and its compounds on color and properties of ceramic engobes and materials. *Ibid.*, 20:10:336-44. (5000)

Articles (*continued*)

With C. L. Thompson:

- Effect of heat treatment on thermal expansion of some silica-alumina glasses. *Ibid.*, 20:9:305-08. (1400)

With A. E. Badger and A. E. Williams:

- Surface tension of various molten glasses. *Ibid.*, 20:10:325-29. (2500)

Parry, John Jay, Ph.D., Associate Professor of English

ARTICLES:

- Arthurian bibliography for 1937 (annual supplement). Mimeo.

REVIEWS:

- Studies in early Celtic nature poetry, by Kenneth Jackson. *Mod Lang. Notes*, 52:307-08. (200)

Pask, Joseph Adam, M.S., Assistant in Ceramic Engineering

ARTICLES:

- The quadrant-chart type of nomograph applied to clay slips. *J. Amer. Cer. Soc.*, 21:3:101-03. (1000)

With Hewitt Wilson:

- The effect of temperature on the structure of soapstone. *Ibid.*, 20:11:360-63. (1500)

Paul, Harry Gilbert, Ph.D., Professor of English

BOOKS:

- Units in English. Lyons and Carnahan, Chicago, 1937. Bk. III, xiv + 530 pp.; Bk. IV, xvi + 523 pp.

ARTICLES:

- In retrospect. *Bul. Ill. Assoc. Teach. Engl.*, 26:1-2. (600)

Pease, Theodore Calvin, Ph.D., Professor of History

ARTICLES:

- Illinois. A record of the march of events of 1937. *Britannica Book of the Year*, 1938, pp. 329-30. (1300)
History of settlement. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 6-12.

REVIEWS:

- The historical records of North Carolina. Vol. I: The county records, Alamance-Columbus, ed. by C. C. Crittenden and Dan Lacy. *Amer. Archiv.*, 1:2:91. (400)
A manual of archive administration, by H. Jenkinson. *Ibid.*, 1:1:23-25. (900)
The territorial papers of the United States. Vol. V: The territory of Mississippi, 1798-1817, ed. by C. E. Carter. *Miss. Vall. Hist. Rev.*, 24:4:545-46. (450)
Henry Clay and the Whig Party, by G. R. Poage. *Ibid.*, 24:3:399-400. (300)

Perry, Ben Edwin, Ph.D., Associate Professor of the Classics

REVIEWS:

- Physiologus, ed. by F. Sbordone. *Amer. J. Philol.*, 58:4:488-96. (4300)

Petersen, William F., B.S., M.D., Professor of Pathology

BOOKS:

With Margaret E. Milliken:

- The patient and the weather, Vol. IV, Pt. 3: Surgical problems. Edwards Bros., Ann Arbor, Mich., 1938. 651 pp.

Phillips, Lyle Winston, A.M., Assistant in Physics

ARTICLES:

The seventh spectrum of chlorine. *Phys. Rev.*, 53:248.

See also P. G. Kruger.

Phipps, Thomas Erwin, Ph.D., Professor of Physical Chemistry

ARTICLES:

With J. O. Hendricks and M. J. Copley:

Evidence for halogen films on tungsten in the surface ionization of potassium halides. *J. Chem. Phys.*, 5:868-72. (3000)

With R. L. E. Scifert:

Evidence of a periodic deviation from the Schottky line for tungsten. *Phys. Rev.*, 53:493. (500)

Pickels, George Wellington, B.C.E., C.E., Professor of Civil Engineering

ARTICLES:

Magnitude and frequency of floods on Illinois streams. *Ill. Eng. Exp. Sta. Bul.*, 296, 59 pp.

Possible reservoir sites. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 45-57.

Land reclamation and flood control. *Ibid.*, pp. 102-11.

Pieper, John Jacob, Ph.D., Professor of Crop Production

ARTICLES:

Weed control. *Trans. Ill. Hort. Soc.*, 71: 345-54. (3300)

With R. F. Fuchelman:

Crimson clover. U. of I. Dept. of Agron. Mimeo., 1938, 4 pp. (1100)

Mammoth clover. *Ibid.*, 1938, 3 pp. (700)

REVIEWS:

Production of field crops, by T. B. Hutcheson, T. K. Wolfe, and M. S. Kipps. *Science*, 86:124. (450)

Poncher, Henry George, B.S., M.D., Associate Professor of Pediatrics

ARTICLES:

With C. B. Puestow and H. Hammatt:

Vitamin oils in the treatment of burns—an experimental study. *Surg. Gyn. Obstet.*, 66:622-27. (10,000)

See also I. Schour.

REVIEWS:

Pediatric dietetics, by N. T. Saxl. *J.A.M.A.*, 109:14. (400)

Das Serum Eisen und die Eisenmangel-Krankheit, by L. Heilmeyer and K. Plötnner. *Ibid.*, 109:22. (250)

Atlas of hematology, by Osgood and Ashworth. *Ibid.*, 110:5. (750)

Pediatric urology, by Campbell, *Ibid.*, 110:7. (350)

Clinical urinalysis, by R. A. Kilduffe. *Ibid.*, 110:8. (400)

Pontius, Guy V., B.S., M.D., Associate in Surgery

ARTICLES:

Pathogenesis, diagnosis and treatment of horseshoe fistulae in ano. *Ind. Med.*, Feb., 1938.

Potthoff, Edward Frederick, Ph.D., Associate Professor of Education

ARTICLES:

See T. E. Benner.

REVIEWS:

School learning with various methods of practice and rewards, by G. Forlano. *Elemen. Sch. J.*, 38:310-11. (550)

Powell, Dwight, A.M., Special Research Assistant in the Agricultural Experiment Station

ARTICLES:

New technic for hatching codling moth eggs. *J. Econ. Entom.*, 30:3:563-64. (800)

The biology of *Cephalonomia tarsalis* (Ash.), a vespid wasp (Bethyridae: Hymenoptera) parasitic on the sawtoothed grain beetle. *Ann. Ent. Soc. Amer.*, 31:1:44-48. (3000)

See also H. W. Anderson.

Price, Hartley D'Oyley, A.M., Assistant Professor of Physical Education for Men

NOTE.—The following list of articles includes some published during 1936-1937 but not reported previously because Professor Price was on leave of absence.

ARTICLES:

The art of guarding or spotting. *J. Health and Phys. Educ.*, 8:3:151-55. (2000)

Elementary balancing and tumbling. *Ibid.*, 9:2:100-03. (2000)

Advanced tumbling. *Athletic J.*, 17:6:11. (2000)

Tumbling hints. *Ibid.*, 17:7:16.

More about advanced tumbling. *Ibid.*, 17: 8:20. (2000)

Elementary handbalancing. *Ibid.*, 18:4:28. (2000)

Advanced handbalancing. *Ibid.*, 18:5:13. (2000)

Fundamentals of doubles handbalancing. *Ibid.*, 18:6:28-32. (2000)

Handbalancing routines. *Ibid.*, 18:7:16. (2000)

Puestow, Charles Bernard, M.D., Ph.D., Associate Professor of Surgery

ARTICLES:

Postoperative care. *J. Ind. Med. Assoc.*, 30:7:338-40.

With H. G. Poncher and H. Hammatt:

Vitamin oils in the treatment of burns—an experimental study. *Surg. Gyn. Obstet.*, 66:622-27.

Quinn, John Kerker, A.M., Assistant in English

ARTICLES:

Poets into playwrights. *Va. Qt. Rev.*, 13:4: 616-20. (1600)

Additions to the gallery. *Ibid.*, 14:2:283-88. (1700)

REVIEWS:

Phoenix, by D. H. Lawrence. *Yale Rev.*, 26:4:847-48. (750)

Tomorrow's Phoenix, by Ruth Lechlitner. *Herald-Tribune Books*, 14:4:7. (1000)

Cold morning sky, by Marya Zaturenska. *Ibid.*, 14:6:29. (600)

The new world, by Edgar Lee Masters. *Ibid.*, 14:12:23. (600)

Year's end, by Josephine Johnson. *Ibid.*, 14:14:32. (800)

Academic procession, by J. R. Parker. *Ibid.*, 14:18:11. (500)

Life is my song, by J. G. Fletcher. *Ibid.*, 14:12. (800)

U. S. 1, by Muriel Rukeyser. *Ibid.*, 14:25: 12. (1000)

Play in poetry, by Louis Untermeyer. *Ibid.*, 14:34:18. (600)

Quirke, Terence Thomas, E.M., Ph.D., Professor of Geology

ARTICLES:

The law of rock metamorphism (A translation from the German of V. M. Goldschmidt). U. of I. Supply Store, Champaign, 1937. 28 pp.

2E goniometer (abstract). *Amer. Mineral.*, 22:217. (300)

With G. L. Clark and N. C. Schieltz:

A new study of the preparation and properties of the higher oxides of lead. *J.A.C.S.*, 59:2305-08. (1700)

With L. C. McCabe:

Methods of determining refractive indices of vitreous. *Bul. Geol. Soc. Amer.*, 49: 669-82. (7500)

Randall, J. G., Ph.D., Professor in History

ARTICLES:

The historian as revisionist. *Ind. Hist. Bul.*, 15:90-101. (4800)

REVIEWS:

Abraham Lincoln Association papers, 1936. *Amer. Hist. Rev.*, 42:800-01. (120)

Lincoln, 1847-53, by B. P. Thomas. *Ibid.*, 42:801. (180)

Cheever, Lincoln, and the causes of the Civil War, by G. I. Rockwood. *Ibid.*, 42:801. (160)

Hamilton Fish: the inner history of the Grant administration, by A. Nevins. *Ibid.*, 42:802-04. (1000)

The letters and journal of Brand Whitlock, by A. Nevins (ed.). *J. Mod. Hist.*, 9:249-51. (800)

Why was Lincoln murdered? by O. Eisen-schmiel. *Miss. Vall. Hist. Rev.*, 24:262-63. (500)

Rayner, William Horace, C.E., M.S., Assistant Professor of Civil Engineering

ARTICLES:

Recent developments in surveying practice. *Bul. Assoc. Eng. Soc.*, 13:2:32-36. (1500)

Reed, Russell Harlan, B.S., Associate in Agricultural Engineering

ARTICLES:

Electric quick drier for moisture determinations. *Proc. Amer. Soc. Animal Prod.*, Nov. 26-28, 1937. 7 pp. (2500)

Reich, Herbert Joseph, Ph.D., M.E., Associate Professor of Electrical Engineering

ARTICLES:

Circuits for oscillographic frequency comparison. *Rev. Sci. Instruments*, 8:348-49. (600)

A low-distortion audio-frequency oscillator. *Proc. Instit. Radio Engrs.*, 25:1387-98. (2500)

With H. Toomim:

Electronic circuits for the measurement of time and speed. *Rev. Sci. Instruments*, 8:502-04. (1300)

With W. A. Depp:

Dynamic characteristics of glow-discharge tubes. *Phys. Rev.*, 52:245. (200)

Richart, Frank Erwin, M.S., C.E., Research Professor of Engineering Materials.

ARTICLES:

Strength properties of chilled car wheels. *Amer. Eng. Ind.*, 15:3:116-21. (3500)

With T. A. Olson:

The resistance of reinforced concrete columns to eccentric loads. *J. Amer. Concr. Instit.*, 9:4:401-20. (6000)

Articles (continued)

With R. L. Brown and P. G. Jones:

Tests of strength properties of chilled car wheels. *Ill. Eng. Exp. Sta. Bul.*, 294. (21,000)

Rinaker, Clarissa, Ph.D., Assistant Professor of English

REVIEWS:

Boswell's journal of a tour to the Hebrides, ed. by F. A. Pottle and C. H. Bennett. *J. Engl. Germ. Philol.*, 36:4:576-77. (700)

Samuel Johnson's prefaces and dedications, by A. T. Hazen. *Ibid.*, 37:2:316-18. (800)

Ritch, Colquitt Otis, B.S., M.D., Associate in Surgery

ARTICLES:

Cessation of epileptic seizures following recovery from prostatitis. *Ill. Med. J.*, June, 1937.

Roberts, Charles Walter, Ph.D., Instructor in English

See W. J. Graham.

Roberts, Elmer, Ph.D., Professor of Animal Genetics

ARTICLES:

The effect of cysteine on hereditary hypotrichosis in the rat (*Mus norvegicus*). *J. Biol. Chem.*, 118:3:627-30. (1400)

Color inheritance in shorthorn cattle. *J. Heredity*, 28:5:167-68. (1000)

A family with a sex-linked hereditary ataxia. *J. Nerv. Ment. Dis.*, 87:1:74-80. (2500)

Preferences for certain genetic strains of corn exhibited by animals. *J. Amer. Soc. Agron.*, 30:2:150-59. (5000)

Robertson, William Spence, Ph.D., Professor of History and Head of the Department

BOOKS TRANSLATED AND EDITED:

A history of Argentina, by R. Levene. Univ. N. C. Press, Chapel Hill, 1937. xiii + 565 pp.

ARTICLES:

Spanish America: the revolutionary period. *Handbook of Latin American Studies: A Guide to the Material Published in 1936*, pp. 248-59. (5000)

Robinson, Florence Bell, M.L.D., Assistant Professor of Landscape Architecture

BOOKS:

Tabular keys (rev. ed.). U. of I. Info. Office Mimeo. 131 pp.

Abstract of text in planting design with references and problems. *Ibid.*, 44 pp.

Robinson, True William, Ph.D., Instructor in Zoology

ARTICLES:

Auxin yields from frog tissues and embryos. *Anat. Rec.*, 70:1:37. (250)

Production of auxin by yeast. *Ibid.*, 70:1:43. (250)

Rodebush, Worth Huff, Ph.D., Professor of Physical Chemistry

ARTICLES:

With A. M. Buswell and M. F. Roy: Infrared absorption as a measure of ionization. *J.A.C.S.*, 59:1767. (200)

With A. M. Buswell and K. Krebs: Infrared studies. III. Absorption bands of hydrogels between 2.5 and 3.5 μ . *Ibid.*, 59:2603. (1000)

RODEBUSH, W. H.—Articles (continued)

With A. M. Buswell and L. B. Borst:

The infrared spectrum of water in an inert solvent. *J. Chem. Phys.*, 6:61. (1500)

With A. M. Buswell and V. Deitz:

A study of the effect of hydrogen bonding upon the infrared absorption of the hydroxyl group. *Ibid.*, 5:501. (2000)

With C. W. J. Wendt and R. W. Campbell:

The formation of water and hydrogen peroxide at low pressures. *J.A.C.S.*, 59: 1924. (3000)

Rodkey, Frederick Stanley, Ph.D., Associate Professor of History

REVIEWS:

Das Werden des deutschen Staates seit dem Ausgang des Heiligen römischen Reiches, 1800 bis 1933: Eine verfassungsgeschichtliche Darstellung, by H. E. Feine. *Amer. Hist. Rev.*, 43:2385-86. (500)

Rose, William Cumming, Ph.D., Professor of Biochemistry

ARTICLES:

The nutritive significance of the amino acids and certain related compounds. *Science*, 86:298-300. (1800)

The nutritive significance of the amino acids. *Physiol. Rev.*, 18:109-36. (11,000)

The physiology of amino acid metabolism. *Proc. Instit. Med.*, 12:98-110. (7700)

With J. K. Gunther:

The relation of alanine to growth. *J. Biol. Chem.*, 123:39-43. (1300)

With Madelyn Womack and K. S. Kemmerer:

The relation of cystine and methionine to growth. *Ibid.*, 121:403-10. (2200)

Ross, Robert Cooke, Ph.D., Associate Professor of Farm Management

BOOKS:

See H. C. M. Case.

ARTICLES:

Changes in costs and practices in the production of soybeans. *Proc. Amer. Soybean Assoc.*, 1937, pp. 52-57. (3300)

See also W. B. Nevins.

Roysher, Hudson Brisbane, B.S., Instructor in Art

ARTICLES:

Training industrial designers. *Ind. Educ. Mag.*, 40:3134-37. (2500)

Rucker, Herbert Judson, M.S., Instructor in Agricultural Education

BOOKS:

See W. E. Carroll.

ARTICLES:

With M. Henderson:

A Method of filing bulletins (rev. ed.). Illinois State Board for Voc. Educ., Springfield. 20 pp.

Ruehe, Harrison August, Ph.D., Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

Sorghum silage and feed flavor in milk. *Milk Plant Mo.*, 26:5:80. (225)

Improving the standing-up quality of whipped cream. *Ibid.*, (150)

Effect of addition of syrup and heating upon the curdling of milk. *Ibid.*, 26:5:82. (500)

Articles (continued)

Cost of operating a milk pasteurizing, bottling, and distributing business. *Ibid.*, 26: 5:83. (400)

Laying concrete floors in milk plants. *Ibid.*, 26:6:84. (750)

Suggestions for reducing the foaming of skimmilk. *Ibid.*, 26:6:86. (250)

Brine freezer cannot be changed to direct expansion. *Ibid.*, (90)

Treatment of sour cream. *Ibid.*, (135)

How to test milk for soft curd. *Ibid.*, 26: 6:87. (475)

Fat tests of milk before and after homogenization. *Ibid.*, 26:7:70. (250)

Making acidophilus cottage cheese. *Ibid.*, (275)

Producing sour cream with desirable flavor and body. *Ibid.*, 26:7:71. (440)

Snakes may cause mastitis in cows. *Ibid.*, 26:8:76. (425)

Whipped butter and how to make it. *Ibid.*, 26:8:77. (100)

To improve bottled cream. *Ibid.*, 26:9:90. (235)

Why cream sours on cottage cheese and how to prevent it. *Ibid.*, 26:9:91. (260)

Significance of gas producing bacteria in milk. *Ibid.*, 26:10:104. (450)

Colby style, stirred curd or granular type of American cheese. *Ibid.*, (385)

Cause of green color at bottom of sour milk. *Ibid.*, 26:10:106. (150)

How to control thermophilic bacteria. *Ibid.*, 26:10:107. (500)

How to prevent off-flavors in cheddar cheese. *Ibid.*, 26:11:78. (500)

Milk sickness caused by snake root is not sleeping sickness. *Ibid.*, 26:11:79. (170)

Essentials for producing milk of low bacteria count. *Ibid.*, 26:12:66. (600)

Manufacture of casein from skimmilk. *Ibid.*, 26:12:67. (140)

Recipe for manufacturing eggnog. *Ibid.*, 26:12:68. (125)

Excessive agitation may cause unsatisfactory cream line. *Ibid.*, 27:1:56. (475)

Faulty way of operating refrigerating machine. *Ibid.*, 27:1:58. (500)

Looking ahead in the dairy industry. *Ibid.*, 27:2:38. (1900)

Oil films depress refrigerating efficiency. *Ibid.*, 27:2:78. (450)

Now is the active season for cottage cheese. *Ibid.*, 27:3:53. (2200)

Producing vitaminized, homogenized soft curd milk. *Ibid.*, 27:3:70. (500)

What separator slime consists of and what causes it. *Ibid.*, 27:3:71. (100)

What makes milkstone, how to prevent it, and how to eliminate it after it is formed. *Ibid.*, 27:4:30. (1400)

Casein made from skimmilk and from butter-milk and its respective uses. *Ibid.*, 27:4: 78. (125)

What rent should a milk dealer pay to a creamer for space and power. *Ibid.*, 27:4: 79. (235)

Improving body to malted milk. *Ibid.*, 27:4: 80. (50)

Things to consider in planning tomorrow's business. *Ice Cream Short Course Manual*, Mar. 1-4, 1938. (1300)

Getting the maximum results from the refrigerating system. *Ibid.*, (1800)

Use of the laboratory in controlling plant operations. *Ibid.*, (900)

Relation of microorganisms to cream quality. *Manual for Smith-Hughes Schools*, published by Ill. Dairy Prod. Assoc.

RUEHE, H. A.—Articles (continued)

The importance of a high vitamin D content in milk. *Minutes of Certified Milk Prod. Assoc.*, Oct., 1937. (2700)

New developments and future trends in the dairy industry. *Indianapolis Dairy Tech. Soc.*, Dec. 6, 1937. (5000)

Starter distillate. *Amer. Butter Instit.*, Dec. 1, 1937. (1100)

Extra mural courses in dairy husbandry. *Minutes Amer. Dairy Sci. Assoc.*, June 23, 1937; abstract in *J. Dairy Sci.*, July, 1937.

The importance of fruits and nuts as affecting the sanitary qualities of commercial ice cream. *Wis. Dairy Mfrs. Conf. Manual*, 1938. (2000)

Controlling flavor in butter. *Ibid.* (3000)

With W. J. Corbett:

Volumetric method for the determination of diacetyl. *Minutes Amer. Dairy Sci. Assoc.*, 1937; abstract in *J. Dairy Sci.*, July, 1937. (500)

Rusk, Henry Perly, M.S., Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

ARTICLES:

Worn eroded lands are worth reclaiming. *Nat. Live Stock Prod.*, Apr., 1938, p. 7. (1500)

Ruth, Warren Albert, Ph.D., Professor of Pomological Physiology

ARTICLES:

A characteristic localization of the arsenical browning of apples. *Proc. Amer. Soc. Hort. Sci.*, 35:161-64. (1300)

Orchard soil conservation. *Ill. Fruit Exch. News*, 3:2:1-2. (800)

Soil erosion as it affects orchard management. *Trans. Ill. Hort. Soc.*, 71:169-73. (1700)

With H. W. Anderson and W. P. Flint:

The season of 1937. *Ibid.*, 71:43-52. (3700)

Sampson, Jesse J., D.V.M., Ph.D., Assistant in Animal Pathology and Hygiene

ARTICLES:

Acetonemia. *Exchange*, Jan.-Mar., 1938, pp. 1-3. (1500)

Pregnancy disease of ewes. *Ibid.*, Apr.-June, 1938, pp. 1-3. (1400)

Ketosis in cattle and sheep. *Vet. Med.*, 33: 6:280-81. (1100)

See also R. Graham.

Sandy, Gerald Herbert, A.M., Assistant in charge of Exchanges in the Order Department of the Library

REVIEWS:

Handbook of Latin-American studies (Vol. 2), ed. by L. Hanke. *Tulane Law Rev.*, 12:3:490-91. (400)

Sanford, Charles Wilson, Ph.D., Assistant Professor of Education and Principal of the University High School

ARTICLES:

The function of the principal as a supervisor in the professional improvement of the instructional staff. *Ways to Better High Schools*, U. of I. Office of the High School Visitor, Apr. 15, 1938. (6500)

Sarma, P. Joseph, M.S., M.D., Assistant Professor of Surgery

ARTICLES:

Saphenous vein litigation. *Surg. Clin. N. Amer.*, Feb., 1938, pp. 129-41.

Saunders, Mrs. Alta Gwinn, A. M., Associate Professor of Business English

BOOKS:

How to become an interesting talker. Maxwell Droke, Indianapolis, 1937. 47 pp.

With H. L. Creek:

The literature of business (rev. ed.). Harper Bros., N.Y., 1937. 591 pp.

Schaffer, Otto G., B.S., Professor of Landscape Architecture and Head of the Department

ARTICLES:

Parks and other recreation areas. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 239-41.

Schmidt, Edward Charles, M.E., Professor of Railway Engineering and Head of the Department

ARTICLES:

Report of the committee on front-ends, grates and ash pans. *Proc. Railway Fuel and Traveling Engrs. Assoc.*, 1:158-68. (3600)

More efficient locomotives. *Bul. Assoc. Amer. Railroads*, pp. 1-4. (3300)

With H. J. Schrader:

Resistance to heat checking of chilled iron car wheels, and strains developed under long-continued application of brake shoes. *Ill. Eng. Exp. Sta. Bul.*, 298. 50 pp.

Schnebly, Merrill Isaac, A.B., J.D., J.S.D., Professor of Law

REVIEWS:

Restatement of the law of property (Vol. 1-2), by the American Law Institute. *Col. Law Rev.*, 37:881-87. (3500)

Schneider, Philip Frederic, M.D., Instructor in Obstetrics and Gynecology

ARTICLES:

An evaluation of the tests being used at present to determine pregnancy. *Amer. J. Med. Tech.*, 3:6. (1400)

Schour, Isaac, D.D.S., Ph.D., Professor of Histology and Head of the Department

BOOKS:

With F. B. Noyes and H. J. Noyes:

A text-book of dental histology and embryology (5th ed.). Lea and Febiger, Phila., 1938.

ARTICLES:

Calcium metabolism and teeth. *J.A.M.A.*, 110:870-77. (5000)

Growth and calcification pattern of the human deciduous teeth. *Anat. Rec.*, 70: 4:70. (250)

With H. G. Poncher:

The rate of apposition of human enamel and dentin as measured by the effects of acute fluorosis. *Amer. J. Dis. Children*, 54: 757-76. (4800)

With M. Massler:

The growth pattern of the upper deciduous central incisor. *J. Dent. Res.*, 16:4:350. (135)

The rate and gradient of growth in human deciduous teeth with special reference to the neonatal ring. *Ibid.*, 16:4:349. (260)

SCHOUR, ISAAC—Articles (continued)

With M. M. Hoffman:

The 16-micron daily rhythm in the rat incisor demonstrated by Alizarine. *Ibid.*, 16:4:349. (200)Effects of alizarine red S injections on the teeth and bones of Macacus rhesus monkey. *Proc. Soc. Exp. Biol. Med.*, 37:710-11. (450)

With S. B. Chandler and W. R. Tweedy:

Changes in the teeth following parathyroidectomy. I. The effects of different periods of survival, fasting and repeated pregnancies and lactations on the incisor of the rat. *Amer. J. Path.*, 13:6:945-70. (9000)

With W. R. Tweedy, S. B. Chandler, and M. B. Engel:

Changes in the teeth following thyroidectomy. II. The effect of parathyroid extract and calciferol on the incisor of the rat. *Ibid.*, 13:6:971-84. (4600)Schrader, Herman John, M.S., Assistant Professor of Railway Mechanical Engineering
See E. C. Schmidt.

Schubert, Carl Edward, B.S., Associate in Mechanical Engineering

ARTICLES:

A correlation of the physical and chemical properties of clays with the durability of molding sands. *Trans. Amer. Foundrymen's Assoc.*, 9:1:661-90. (9000)

Schultz, Louis William, D.D.S., B.S., M.D., Assistant Professor of Oral Surgery

ARTICLES:

Treatment for subluxation of the temporomandibular joint. *J.A.M.A.*, 109:13:1032-35. (1300)A curative treatment for subluxation of the temporomandibular joint or of any joint. *J. Amer. Dent. Assoc.*, 24:12:1947-49. *Aux Plaines Bul.*, 22:8:75-78. (1500)Treatment by injection for subluxation of the temporomandibular joint. *Dent. Digest*, 43:9:423-25. (1100)A new method for stabilizing weak joints. *Ill. Med. J.*, 72:350-51.A treatment for subluxation of the temporomandibular joint. *Alumni Bul.* (U. of I. Coll. of Dent.), 21:2:4. (1300)Treatment for subluxation of the temporomandibular joint. *Yr. Bk. Eye, Ear, Nose, Throat*, 1938, pp. 454-56. (400)

Scott, Harold Martin, M.S., Associate in Poultry Husbandry

ARTICLES:

Turkey production in Kansas. *Kan. Agr. Exp. Sta. Bul.*, 276, pp. 3-95. (25,000)

Scovill, Hiram Thompson, A.B., C.P.A., Professor of Accountancy and Head of the Department of Business Organization and Operation

ARTICLES:

The relationships and responsibilities of schools of commerce to the colleges of agriculture and education. *Proc. 19th An. Meet. Amer. Assoc. Coll. Sch. Bus.*, 1937, pp. 37-48. (3200)A discussion of a tentative statement of principles underlying consolidated reports. *Acct. Rev.*, 13:1:73-77. (2100)

Scuderi, Carlo Salvatore, B.S., M.D., Associate in Surgery

ARTICLES:

Fat embolism: resume of the literature plus some newer thoughts on diagnosis. *Arch. Surg.*, 36:614-25.

See also F. J. Jirka.

Sears, Ogle Hesse, Ph.D., Associate Professor of Soil Biology

ARTICLES:

Strain variation of the root-nodule bacteria.

Soil Sci. Soc. Proc., 1937, 2:329-32. (2300)What do we know about the fertility value of soybeans? *Amer. Soybean Assoc. Proc.*, Sept. 14-16, 1937, pp. 49-51. (1000)

With W. L. Burlison:

Soybeans in relation to soil improvement.

U. of I. Dept. of Agron. Mimeo., 1937, 5 pp. (1100)

Seifert, Ralph Louis Edwin, Ph.D., Instructor in Chemistry

See T. E. Phipps.

Severns, William H., M.S., Professor of Mechanical Engineering

BOOKS:

Heating, ventilating and air conditioning fundamentals. John Wiley and Sons, N.Y., 1937. 467 pp.

ARTICLES:

Estimating the humidification requirements of residences. *N. J. Master Plumber*, 2:6:8; 2:7:4. *Master Plumber*, 3:1:12. (4200)

Seybolt, Robert Francis, Ph.D., Professor of the History of Education

ARTICLES:

Schoolmasters of colonial Boston. *Pubs. Colonial Soc. Mass.*, 32:184-85.The ministers at the town meetings in colonial Boston. *Ibid.*, 32:300-04.

Shaw, James Byrnie, D.Sc., Professor of Mathematics, Emeritus

ARTICLES:

The unity of mathematics. *Sci. Mo.*, 45:5:402-11. (7800)

Shelford, Victor Ernest, Ph.D., Professor of Zoology

ARTICLES:

Organization of the ecological society of America, 1914-19. *Ecology*, 19:164-66. (1000)

Shepard, Francis Parker, Ph.D., Associate Professor of Geology

ARTICLES:

Daly's hypothesis of submarine canyons. *Amer. J. Sci.*, 33:369-79. (4000)Salt domes related to Mississippi submarine trough. *Bul. Geol. Soc. Amer.*, 48:1349-62. (4600)Revised classification of marine shorelines. *J. Geol.*, 45:602-24. (6000)Investigations of submarine topography during the past year. *Trans. Amer. Geoph. Union*, 1937, pp. 226-28. (600)Shifting bottom in submarine canyon heads. *Science*, 86:2240:522-23. (1500)Discussion of glaciation of Northern Siberia. *Amer. J. Sci.*, 34:399-400. (500)Beach cusps and tides. *Ibid.*, 35:309-10. (450)

SHEPARD, F. P.—Articles (continued)**With W. F. Wrath:**

Marine sediments around Catalina Island. *J. Sed. Pet.*, 7:2:41-50. (4500)

With G. A. MacDonald:

Sediments of Santa Monica Bay. *Calif. Bul. Amer. Assoc. Pet. Geol.*, 22:201-16. (6400)

Sherman, Mrs. Irene Case, Ph.D., M.D.,
Associate in Psychiatry

See A. A. Low.

Shriner, Ralph Lloyd, Ph.D., Professor of
Organic Chemistry

ARTICLES:**With R. E. Damschroder:**

A synthesis of iretol. *J.A.C.S.*, 59:931-33. (1200)

Derivatives of coumaran. I. 2-benzoyl-5 (and 6)-methoxycoumaran-3-one. *Ibid.*, 60: 894-96. (1500)

With J. T. Thurston:

Salts of nitro compounds. I. Preparation, alkylation and acylation of salts or phenylnitroacetone nitrile. *J. Org. Chem.*, 2:183-94. (6000)

With G. B. Brown:

Salts of nitro compounds. II. The reaction of the silver salt of phenylnitromethane with diphenylbromomethane. *J. Org. Chem.*, 2:376-80. (2500)

With Louis S. Keyser:

β' -diethylaminoethyl β -aminocrotonate. *J.A.C.S.*, 60:286-88. (1200)

With W. O. Teeters:

Substituted tetrahydronaphthalenes. I. 1-keto- and 1-hydroxy-2-(*p*-dialkylaminobenzyl)-tetrahydronaphthalenes. *Ibid.*, 60:936-39. (2000)

With E. J. Matson and W. O. Teeters:

The action of mercuric acetate on peptides, diketopiperazines and proteins. *J. Org. Chem.*, 2:403-10. (4000)

Shumway, Waldo, Ph.D., Professor of Zoology

Books:

Introduction to vertebrate embryology (3d ed.). John Wiley and Sons., N.Y., 1938. xii + 390 pp.

ARTICLES:**With A. L. Soderwall:**

The effect of pituitary implantation on advancing sexual maturity in *Ameiurus melas*. *Anat. Rec.*, 70:1:92. (100)

Shurrager, Phil Sheridan, A.M., Research Assistant in Psychology

ARTICLES (abstracts):**With E. A. K. Culler:**

Observations on the spinal dog. *Am. Meet. Amer. Psych. Assoc.*, Sept., 1937, pp. 53-54. (200)

Comparative brain potentials with the onset of death in the primitive forebrain and the mammalian cortex. *Am. Meet. A.A.A.S.*, Dec., 1937, p. 174. (300)

Conditioning and related phenomena in the spinal dog. *Ibid.*, p. 173. (300)

Phenomena allied to conditioning in the spinal dog. *Proc. Amer. Physiol. Soc.*, Apr., 1938, pp. 186-87. (300)

Temporal, qualitative, and quantitative relationships of muscle responses to variable cortical stimuli. *Electro-Physiology*, No. 2, p. 3. (300)

Seibert, Fredrick Seaton, A.B., J.D., Associate Professor of Journalism

ARTICLES:

The press and the British Constitutional crisis. *Public Opinion Qt.*, 1:4:120-26. (2500)

Copyright problems of the educational broadcasting station. *N.A.E.B. News Bul.*, Mar.-May, 1938. (2000)

Simer, Parke Harvey, Ph.D., Assistant Professor of Anatomy

ARTICLES:**With R. L. Webb:**

Lymphatics in omental adhesions. *Surg. Gyn. Obstet.*, 64:872-75. (2000)

Smith, George Frederick, Ph.D., Associate Professor of Chemistry

Books:

Special and instrumental methods of analysis. Edwards Bros., Ann Arbor, Mich., 1937. 348 pp.

ARTICLES:

Standard mixed chloride samples. The effect of ball mill grinding and mixing on the actual analyses as compared with calculated values. *J. Chem. Ed.*, 14:241. (2000)

With F. Ring:

The preparation, aqueous and perchloric acid solubilities, solution densities and transition temperature of silver perchlorate. *J.A.C.S.*, 59:1889. (1500)

With C. S. Wilcox:

Wood's mental reducer. *Ind. Eng. Chem. (anal. ed.)*, 9:419. (1600)

With C. A. Getz:

Carate oxidimetry. Theoretical considerations and determination of approximate electrode reference potentials. *Ibid.*, 10:191. (3500)

Determination of chromium in ferrochrome. Phosphoric acid as solvent with mixed perchloric and sulfuric acids as oxidant. *Ibid.*, 9:379. (2500)

Determination of chromium in chromite. A new procedure involving a mixture of phosphoric, sulfuric, and perchloric acids. *Ibid.*, 9:518. (1500)

With C. A. Getz, P. H. Tracy, and M. J. Prucha:

Instant whipping of cream by aeration. *Food Res.*, 2:409. (7800)

Smith, Guy Donald, A.M., Associate in Soil Physics and Soil Survey

ARTICLES:

Intra-zonal soils: a study of some solonetz-like soils found under humid conditions. *Soil Sci. Soc. Proc.*, 1937, 2:461-69. (3100)

Smith, Laurence Lewis, M.S., Associate in Electrical Engineering

ARTICLES:

Solution of electrical networks by successive approximations. *Ill. Eng. Exp. Sta. Bul.*, 299. (12,000)

Smith, Louie Henrie, Ph.D., Chief, in Charge of Publications of Soil Survey
See R. S. Smith.

Smith, Raymond Stratton, Ph.D., Professor of Soil Physics

ARTICLES:

Land use. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 93-101.

SMITH, R. S.—Articles (continued)

With L. H. Smith:

Washington County soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 58. (11,000)Wabash County soils. *Ibid.*, 61. (11,000)

With L. H. Smith and E. Winters, Jr.:

Marshall County soils. *Ibid.*, 59. (10,000)

With L. H. Smith and H. Wascher:

Putnam County soils. *Ibid.*, 60. (11,000)

With R. S. Stauffer:

Variation in soils with respect to the disposition of natural precipitation. *J. Amer. Soc. Agron.*, 29:11:917-23. (2300)

Smith, Robert Chester, Jr., Ph.D., Associate in Art

ARTICLES:

The colonial churches of Brazil. *Bul. Pan Amer. Union*, 72:1:1-8. (3000)O desenvolvimento da arquitetura religiosa em Minas Geraes. *Bol. do Centro de Estudos Historicos* (Rio de Janeiro), 2: 1:1-19. (9000)

Snapp, Roscoe Raymond, Ph.D., Associate Professor of Beef Cattle Husbandry

BOOKS:

See J. L. Edmonds.

ARTICLES:

Beatrice—a new shorthorn family. *Short-horn World*, 22:5-6. (1500)Crop feeding calves. *Ibid.*, 23:1:4. (1800)

Snider, Clyde Frank, Ph.D., Instructor in Political Science

ARTICLES:

Indiana counties and townships. *Ind. Mag. Hist.*, 33:2:119-52. (10,000)County and township government in 1935-36. *Amer. Pol. Sci. Rev.*, 31:5:884-913. (10,000)Recent publications of political interest (compilation). *Ibid.*, 31:5:1000-18; 31:6: 1195-1221; 32:1:177-204; 32:2:402-32. (30,000)

Snider, Howard John, M.S., Assistant Chief in Soil Experiment Fields

ARTICLES:

The influence of the chemical composition of soils upon the maintenance of the turf lawns and golf courses. *Trans. Ill. Acad. Sci.*, 30:2:69-70. (800)

With J. E. Gieseking:

Estimation of potassium in silicates and soils. *Ind. Eng. Chem. (anal. ed.)*, 9:232. (1000)

Snyder, Harold Ray, Ph.D., Instructor in Chemistry

ARTICLES:

With J. A. Kuck and John R. Johnson:

Organoboron compounds, and the study of reaction mechanisms. *J.A.C.S.*, 60:105-11. (6000)

With John R. Johnson and M. G. Van Campen, Jr.:

Organoboron compounds. Reactions of tri-n-butylborane. *Ibid.*, 60:115-21. (6000)

Soderwall, Arnold Larson, A.M., Assistant in Zoology

ARTICLES:

With F. R. Steggerda:

The relationship of the pars tuberalis to melanophore response in frogs (*Rana pipiens*). *Anat. Rec.*, 70:1:57. (200)

See also W. Shumway.

Solomon, Alfred P., A.B., M.D., Assistant Professor of Psychiatry

ARTICLES:

With C. Darrow and M. F. Blaurock:

Autonomic changes before, during and after sodium amytal, insulin, and metrazol treatments. *Proc. Central States Neuro-psychiatric Soc.*, Oct., 1937.

Sonenthal, Israel Ronald, B.S., B.M., M.D., Assistant in Psychiatry

See A. A. Low.

Spivack, Julius Leo, M.D., Assistant Professor of Surgery

BOOKS:

The surgical technic of abdominal operations (2d ed.). S. B. Debour, Chicago, 1938, xvii + 741 pp.

Técnica quirúrgica en las operaciones abdominales. (Version Española por el O. G. Carrera). Unione Tipografica Editorial Hispano-Americana, Mexico, 1938. xvi + 738 pp.

ARTICLES:

Sul metodo Spivack di Gastrostomia. *Rassegna Internazionale di Clinica e Terapia*, 18:23:1045-48. (1400)

Stafford, George Thomas, Ed.D., Associate Professor of Physical Education for Men

ARTICLES:

Debunking good posture. *Health and Hygiene*, 7:4:109. (1000)Adapted sports for "posture cases." *Phi Delta Pi*, Mar., 1938, pp. 40-42. (2000)

Staley, Seward Charle, Ph.D., Professor of Physical Education for Men and Head of the Department, and Director of the School of Physical Education

ARTICLES:

The history of sport. *J. Health Phys. Edu.*, 8:9:522-25. (3000)

Stallmann, Frederick William, A.M., Assistant in Physics

See P. G. Kruger.

Starr, Charles Joseph, B.S., Associate in Mechanical Engineering

ARTICLES:

A study of lip clearance on twist drills. *Trans. Amer. Soc. Mech. Engrs.*, 59:3: 197-207. (6000)

Stauffer, Russell S., Ph.D., Associate in Soil Physics and Soil Survey

ARTICLES:

Local variability in Wisconsin till and its influence on soil character. *Amer. J. Sci.*, 34:235-43. (1600)

See also R. S. Smith.

Stearns, Raymond Phineas, Ph.D., Assistant Professor of History

ARTICLES:

Correspondence of John Woodbridge, Jr., and Richard Baxter. *New England Qt.*, 10:3:557-83. (15,000)A description of the Russell Papers in the Historical Society of Pennsylvania. *Pa. Mag. Hist. Biog.*, 62:2:205-12. (3500)

REVIEWS:

The early Stuarts, 1603-1660, by Godfrey Davies. *Church Hist.*, 6:3:279-80. (800)

STEARNS, R. P.—Reviews (continued)

The American mind: Selections from the literature of the United States, ed. by H. R. Warfel, R. H. Gabriel, and S. T. Williams. *Harv. Educ. Rev.*, 8:2:267-69. (1000)

Steggerda, Frederic Russell, Ph.D., Assistant Professor of Physiology

ARTICLES:

With F. H. Scott:

Effect of hypotonic and hypertonic Ringer on isotonic and isometric contraction of muscle. *Proc. Soc. Exp. Biol. Med.*, 1937, pp. 535-36. (700)

See also A. L. Soderwall.

Stevens, Neil Everett, Ph.D., Professor of Plant Pathology

ARTICLES:

The excessive meekness of American botanists. *Science*, 85:2216:580-82.

Bacterial wilt of sweet corn in 1937. *Plant Dis. Reporter*, 21:16:298-305.

Incidence of ear rots in the 1936 corn crop. *Ibid.*, 21:19:343-45.

Problems involved in control of plant diseases and insects. *J. Econ. Ent.*, 31:1:39.

With Jessie I. Wood:

Recent fluctuations in plant diseases in the United States. *Bot. Rev.*, 3:277-306.

With C. M. Haenseler:

Fourth experimental forecast of the incidence of bacterial wilt of corn. *Plant. Dis. Reporter*, 22:6:96-100.

Stewart, Charles Leslie, Ph.D., Professor of Agricultural Economics

ARTICLES:

With J. Ackerman:

Economic aspects of farm production and marketing. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 260-73. (3500)

Farm land rented in Illinois townships. *Ill. Farm. Econ.*, July-Aug., 1937, pp. 125-27. (450)

Stiven, Frederic Benjamin, Mus.D., A.A.G.O., Professor of Music and Director of the School of Music

ARTICLES:

Music in American colleges and universities. *L'Educ. Mus. Trait d'Union entre les Peuples*, pp. 51-54. (1800)

Straub, Frederick Guy, M.S., Met.E., Special Research Associate Professor of Chemical Engineering

ARTICLES:

With T. A. Bradbury:

Boiler-water treatment. *Mech. Eng.*, 60:5.

See also H. F. Johnstone.

Streicher, Michael Henry, M.S., M.D., Assistant Professor of Medicine

See R. W. Keeton.

Strohl, Everett Lee, M.D., M.S., Assistant in Surgery

ARTICLES:

The adrenal cortex: a cytologic study of normal and of pathologic tissue. *Arch. Surg.*, 35:901-12.

Struck, Harold Carl, Ph.D., Instructor in Physiology

ARTICLES:

With S. A. Szurck:

A study of the metabolism of a dwarf under treatment with growth hormone. *Endocrinology*, 21:387-93. (3000)

Swann, Sherlock, Jr., Ph.D., Research Associate Professor of Chemical Engineering

ARTICLES:

Industrial possibilities of electroorganic reduction. *Ind. Eng. Chem.*, 29:1339.

With E. W. Field:

The electrolytic reduction of n-valeraldehyde. *Trans. Electrochem. Soc.*, 72:327.

With A. J. Paik and D. B. Keyes:

Catalysts for the equilibrium, ethylene-water ethanol. *Ind. Eng. Chem.*, 30:173.

Tabel, Wilbert A., Ph.D., Instructor in Chemistry

See B. S. Hopkins.

Taft, Donald Reed, Ph.D., Professor of Sociology

ARTICLES:

Problems arising from minorities. Chap. 2 in *Our Racial and National Minorities*, ed. by F. J. Brown and J. S. Roucek, pp. 18-33.

REVIEWS:

Later criminal careers, by S. Glueck. *Amer. Sociol. Rev.*, Dec., 1937. (600)

Takats, Géza de, M.D., M.Surg., Associate Professor of Surgery

ARTICLES:

Reflex dystrophy of the extremities. *Arch. Surg.*, 34:939-56.

The effect of sympathectomy on peripheral vascular disease. *Surg.*, 2:46-60.

Sympathectomy for peripheral vascular disease. *Arch. Int. Med.*, 60:990-1001.

Passive vascular exercises; treatment by alternating suction and pressure. *Cyclopedia of Medicine*, F. A. Davis Co., Baltimore, Md.

Management of peripheral vascular disease. *Arch. Phys. Therapy*, 19:88-96.

Vascular accidents of the extremities. *J.A.M.A.*, 110:1075-81.

A case of arteriosclerotic gangrene. *St. Luke's Hosp. Staff Clin. Bul.*, 1:19-21.

With F. K. Hick and J. S. Coulter:

Intermittent venous hyperemia. *J.A.M.A.*, 108:1951-59.

With G. W. Scupham:

Peripheral vascular diseases. A review of some of the recent literature and a critical review of the surgical treatment. *Arch. Int. Med.*, 60:522-63.

With W. C. Beck:

The use of sodium nitrite for testing the flexibility of the peripheral vascular bed. *Amer. Heart J.*, 15:158-64.

REVIEWS:

Lectures on embolism and other surgical subjects, by G. Nystrom. *J.A.M.A.*, 108:21:1826.

The surgery of the sympathetic nervous system, by G. E. Gask and J. P. Ross. *Arch. Neurol. Psychiat.*

Talbot, Arthur Newell, C.E., D.Sc., D.Eng., LL.D., Professor of Municipal and Sanitary Engineering, *Emeritus*

ARTICLES:

Report of special committee on stresses in railroad track. *Bul. Amer. Ry. Eng. Assoc.*, 392:455-56. (700)

TALBOT, A. N.—Articles (continued)

Discussion on stresses in railroad track.
Proc. Amer. Ry. Eng. Assoc., 38:674-81.
Bul. Amer. Ry. Eng. Assoc., 39:587-94.
(4100)

Discussion of paper on "A new theory of rail expansion," by A. Africano. *Proc. Amer. Soc. Civ. Eng.*, 63:6:1159-67. (5000)

Tanner, Fred Wilbur, Ph.D., Professor of Bacteriology and Head of the Department

Books:

Bacteriology: a textbook of microorganisms (3d ed.). John Wiley and Sons, N.Y., 1937. 510 pp.

ARTICLES:

With S. C. Prescott:

Microbiology in relation to food preservation. *Food Res.*, 3:189-97. (4000)

With J. Hofer:

Thermal death-time studies of *Oospora lactis*. *Ibid.*, 2:505-13. (3200)

With P. R. Beamer:

Presence of acid-fast organisms on tableware. *Zent. f. Bakt.*, 2:98:209-12. (1300)

With E. Wheaton and R. H. Luck:

Observations on problems relating to the paper milk bottle. *J. Milk Tech.*, 1:11-15. (3000)

Tarnowsky, George de, M.D., Professor of Surgery

ARTICLES:

Minor surgery of the abdominal wall. *Surg. Clin. N. Amer.*, Feb., 1938. (5000)

Taylor, Aubrey Bryant, Ph.D., Instructor in Physiology

ARTICLES:

With T. L. Jahn and F. Crescitelli:

The electrocardiogram of the grasshopper (*Melanoplus differentialis*). *J. Cell. Comp. Physiol.*, 10:4:439-60. (5800)

Templeman, William Darby, Ph.D., Assistant Professor of English

ARTICLES:

With C. F. Harrold, F. E. Faverty, and C. W. Thomas:

Victorian bibliography for 1936. *Mod. Philol.*, 34:4:387-423. (15,000)

Terry, Ralph Eugene, Ph.G., M.S., Associate Professor of Pharmacy

Books:

Gray's pharmaceutical quiz compend (rev. ed.). Chicago Medical Book Co., 1937. 288 pp.

ARTICLES:

From the bystander. Monthly column in *Drug Progress*. (5500)

Question box. Column appeared about once a month in *J. Nat. Assoc. Retail Drug*. (7500)

What can be done about it? *Amer. J. Pharm. Educ.*, Oct., 1937. (600)

Thacker, Edgar Abney, M.S., M.D., Instructor in Hygiene and Medical Adviser for Men

ARTICLES:

Present problems in preventive medicine. *Ill. Med. J.*, 72:63-66. (1900)

Theiss, Edwin Leodgar, Ph.D., C.P.A., Associate Professor of Accountancy

Books:

Theiss-Hunter standard bookkeeping and accounting forms. Lakeside Press, Chicago, 1937. 125 pp.

REVIEWS:

Office management, by J. H. MacDonald. *Acct. Rev.*, 12:4:451-52. (1300)

Thomas, Henry Bascom, B.S., M.D., Professor of Orthopaedics and Head of the Department, and Director of the Illinois Surgical Institute for Children

ARTICLES:

With F. W. Hark:

Volkmann's ischaemia. *Miss. Val. Med. J.*, Nov., 1937.

Timmons, Benjamin Finley, Ph.D., Assistant Professor of Sociology

ARTICLES:

Social welfare. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 171-208.

Tinsley, Milton, M.D., Assistant in Neurology and Neurological Surgery

See G. B. Hassin.

Tippo, Oswald, Ph.D., Instructor in Botany

ARTICLES:

The bearing of comparative anatomy on the establishment of the relationships of the Moraceae and their presumed allies. *Amer. J. Bot.*, 24:10:741.

Tracy, Paul Hubert, Ph.D., Professor of Dairy Manufactures

ARTICLES:

Milk products in the mix. *Ice Cream Trade J.*, May, 1937, pp. 27-28. (1400)

Greater knowledge of possible sources of ice cream defects needed as consumer becomes increasingly quality-conscious. *Confectionery and Ice Cream World*, May, 1937, p. 10. (1300)

Preparation of homogenized milk. *Cherry-Burrell Circle*, June-July, 1937, pp. 24-26. (1700)

The phosphatase test as a means for determining the efficiency of milk pasteurization. *Milk*, Autumn, 1937, p. 6. (4000)

Selecting milk products for the mix. *Can. Dairy and Ice Cream J.*, 16:8:23-24; *Bakers Technical Dig.*, 12:3:71-72. (1800)

Controlling flavor in market milk. *Dairy Conference*, Ohio State Univ., Feb., 1938, pp. 76-80. (1600)

Relative efficiency of high and low pressure homogenization of milk and ice cream mix. *Ibid.*, pp. 85-89. (1900)

Avenex as an anti-oxidant in ice cream. *Ibid.*, pp. 111-17. (2500)

Consumers' preference for ice cream. *Ibid.*, pp. 131-37. (2400)

Sodium alginate as a stabilizer in ice cream. *Ibid.*, pp. 143-48. (2200)

A discussion of some common ice cream defects. *Can. Dairy and Ice Cream J.*, 17:4:71. (3600)

With A. J. Hahn:

Determining the efficiency of milk pasteurization. *Proc. 30th An. Conv. Internat. Assoc. Milk Dealers*, 1937, pp. 57-71. (5600)

With W. J. Corbett:

Use of anti-oxidants to prevent tallowiness in butter. *Nat. Butter and Cheese J.*, Dec., 1937, p. 10. *Amer. Prod. Rev.*, Jan. 12, 1938. (2500)

TRACY, P. H.—Articles (continued)**With A. C. Maack:**Use of anti-oxidants in ice cream. *Ice Cream Rev.*, 21:6:82-85. (3200)**With H. P. Smith:**Consumers preference for ice cream. *Confectionery and Ice Cream World*, Feb. 25, 1938, p. 14. (2400)**With C. A. Getz, G. F. Smith, and M. J. Prucha:**Instant whipping of cream by aeration. *Food Res.*, 2:5. (12,000)

See also S. L. Tuckey.

Trelease, William, D.Sc., LL.D., Professor of Botany, Emeritus**ARTICLES:**A Mexican puzzle (Yucca Howard-Smithii). *Proc. Amer. Philos. Soc.*, 78:97-99.**Trjitzinsky, Waldemar Joseph, Ph.D., Associate Professor of Mathematics****ARTICLES:**Theory of non-linear singular differential systems. *Trans. Amer. Math. Soc.*, 42: 225-322. (58,000)Singular point problems in the theory of linear differential equations. *Bul. Amer. Math. Soc.*, 44:209-24. (9000)Theory of non-linear q-difference systems. *Annali di Matematica*, 17:59-107. (30,000)Analytic theory of non-linear singular differential equations. *Mémoires des Sci. Math.*, Fasc. 90. (48,000)**Trotter, Arnold Herman, A.M., Lecturer in Library Science and Catalog Librarian****ARTICLES:**What is there in library planning? A summary of the work of the Library Planning Board. *Ill. Lib.*, 19:44-46. (1400)Cataloging and classification. *Bul. Amer. Lib. Assoc.*, 31:556. (400)**Tuckey, Stewart Lawrence, Ph.D., Associate in Dairy Manufactures****ARTICLES:**Chemical changes occurring during ripening of cheddar cheese. *Dairy Mfrs. Conf. Manual*, 1937.**With P. H. Tracy:**Study of accuracy milk sampling methods. *Ibid.* (3000)Study of methods employed by buttermakers. *Ibid.* (2000)**Turner, Fred Harold, Ph.D., Dean of Men****ARTICLES:**Are fraternities worth while? *Rotarian*, 51: 3:14. (2000)**Turpin, Walter Stevens, Ph.D., Instructor in Mathematics****ARTICLES:**On the fundamental group of a certain class of plane algebraic curves. *Amer. J. Math.*, 59:3:529-44. (4000)Concerning special centers of projection for an algebraic space branch. *Bul. Amer. Math. Soc.*, 43:10:697-702. (1500)**Tylor, W. Russell, Ph.D., Assistant Professor of Sociology****ARTICLES:**The challenge to social science. *Social Sci.*, 13:1:16-19. (2200)Population and other socio-economic factors. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 130-70.**Articles (continued)****With R. Newcomb and W. C. Huntington:**Summary abstract. *Ibid.*, pp. 279-98. (10,000)**Van Cleave, Harley Jones, Ph.D., Professor of Zoology and Head of the Department****ARTICLES:**Individual and group projects in high school biology. *Sci. Teacher*, 4:1:6-7.Preparation for graduate study in biology. *Bios*, 8:2:49-50.Acanthocephala from China. II. Two new species of the genus *Acanthocephalus* from Amphibia. *Parasitol.*, 29:3:395-98.Helminthology in wildlife investigations. *J. Wildlife Res.*, 1:1:21-27.When man meddles with nature. *Sci. Dig.*, 2:5:27-30.Opportunities in biology. *Bios*, 8:3:117-21.Status of the generic name *Profilicollis* of A. Meyer (abstract). *J. Parasitol.*, 23: 6:563.Invertebrates in their relation to man. *Bios*, 9:1:14-20.Developmental stages in acanthocephalan life histories. *Skrjabin* (30-year Jubilee volume), Moscow, 1937. pp. 739-43.**With T. Dale Foster:**The seasonal life history of a land snail, *Polygyra thyroideus* (Say). *Nautilus*, 51: 2:50-54.**Van Horne, John, Ph.D., Professor of Romance Languages****ARTICLES:**Bernardo de Balbuena. Estudio biográfico y crítico (2d installment). *Indice* (Guadalajara, Mexico), Aug., 1937. (10,000)Editorial comment. *Italica*, 14:2, 3, 4; 15:1 (20,000)**Vaughan, Herbert Edward, Ph.D., Instructor in Mathematics****ARTICLES:**On locally compact materisable spaces. *Bul. Amer. Math. Soc.*, 43:532-35. (1000)**Vestal, Arthur Gibson, Ph.D., Associate Professor of Botany****ARTICLES:**California grasslands. *Bul. Ecol. Soc. Amer.*, 18:4:47-48. (200)A subject index for communities, including vegetation-components. *Ecology*, 19:1:107-25. (9200)**Wakerlin, George E., M.S., Ph.D., M.D., Professor of Physiology and Head of the Department****ARTICLES:**The hemopoietic liver principle. *Ann. Int. Med.*, 11:31-38. (3800)Dr. Wakerlin counsels seniors on internship, early practice. *Illini Scope*, 7:5-6. (1300)The relation of the reticulocytogenic urine principle to the homopoietic or antipernicious anemia liver principle. *Amer. J. Physiol.*, 119:417-18. (100)**With H. D. Bruner:**The blood picture of the normal dog. *Proc. Soc. Exp. Biol. Med.*, 36:667-70. (450)**Walker, Ernest DeWitt, B.S., Extension Specialist in Agronomy****ARTICLES:****With J. C. Hackleman:**

Five steps in pasture improvement. U. of I. Dept. of Agron. Mimeo., 1938, 11 pp. (3400)

Wall, Frederick Theodore, Ph.D., Instructor in Chemistry

ARTICLES:

On the assignment of vibrational frequencies to particular bonds. *J.A.C.S.*, 60:1:71-73. (2000)

With C. R. Eddy:

Bond force constants and vibrations of tetramethylmethane and tetramethylsilicon. *J. Chem. Phys.*, 6:2:107. (800)

Wallace, George Ira, Ph.D., Assistant Professor of Bacteriology

ARTICLES:

The survival of pathogenic microorganisms in ice cream. *J. Dairy Sci.*, 21:1:35-36. (1000)

The egg as a medium for cultivation of *Mycobacterium tuberculosis* from tuberculous materials. *Proc. Soc. Exp. Biol. Med.*, 37:304-05. (1000)

Walter, David Oswell, Ph.D., Instructor in Political Science

ARTICLES:

Reapportionment and urban representation. *Ann. Amer. Acad. Pol. Social Sci.*, Jan., 1938, pp. 11-20. (5500). *State Government*, 11:30-32. (1500)

Representation of metropolitan districts. *Nat. Munic. Rev.*, 27:129-37. (6000)

REVIEWS:

American constitutional law, by C. W. Gerstenberg. *Cornell Law Qt.*, 23:214. (350)

Wanless, Harold Rollin, Ph.D., Associate Professor of Geology

ARTICLES:

Coals of the Eastern Interior Basin. *Proc. Ind. Coal Min. Instit.*, 1937, pp. 28-33. (4000)

Pennsylvanian problems of the Eastern Interior Basin. *Program 50th An. Meet. Geol. Soc. Amer.*, 1937, p. 102. (250)

Ward, Henry Baldwin, Ph.D., D.Sc., LL.D., Professor of Zoology, Emeritus

BOOKS EDITED:

Some fundamental aspects of the cancer problem. Science Press, N.Y., 1937. 248 pp.

ARTICLES:

Minutes of the Executive Committee of the American Association for the Advancement of Science. *Science*, 85:2212:499-500. (800)

Symposium at the Denver meeting on the control of drifting soils. *Ibid.*, 85:2213:514. (300)

New societies and shifting interests. *Ibid.*, 86:2243:579-80. (1500)

Obituary: George Henry Falkiner Nuttall. *Ibid.*, 87:2259:337-38. (1000)

REVIEWS:

Adventures in bird protection, an autobiography, by T. G. Pearson. *Ibid.*, 86:2219:37-38. (500)

Wascher, Herman, M.S., Assistant Chief in Soil Survey

See R. S. Smith.

Watson, Floyd Rowe, Ph.D., Professor of Experimental Physics

ARTICLES:

With M. E. Raquet:

Improved method for obtaining photographs of ripple wave actions. *J. Acous. Soc.*, 9:352-53. (1500)

REVIEWS:

Sound, by A. T. Jones. *Rev. Sci. Instr.*, 8:370. (1000)

Sound waves: their shape and speed, by D. C. Miller. *Ibid.*, 8:371. (800)

Editorial reviews. *J. Acous. Soc.*, Vol. 9.

Weaver, Brayton Ladd, M.S., Instructor in Olericulture

See J. W. Lloyd.

Webb, Richard Lockwood, Ph.D., Assistant Professor of Anatomy

ARTICLES:

Mesenteric lymphatics. Analysis of the mechanism of drug action as revealed by motion pictures. *Proc. Instit. Med. Chicago*, 11:15. (500)

With P. H. Simer:

Lymphatics in omental adhesions. *Surg. Gyn. Obstet.*, 64:872-75. (2000)

Weber, Oscar Friedolin, Ph.D., Associate Professor of Education

ARTICLES:

Problems of education. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 221-38. (5000)

The importance of the selection of competent public school administrators. *U. of I. Bul.*, Mar., 1938. 10 pp.

Webster, George Lewis, Ph.G., B.S., Assistant Professor of Chemistry

ARTICLES:

With F. F. Blicke and J. F. Oneto:

Diarsyls IX. Tetra-(3-amino-4-hydroxyphenyl)-diarsyl. *J.A.C.S.*, 59:925-27. (2200)

Weinard, Frederick Francis, Ph.D., Associate Professor of Floricultural Physiology

ARTICLES:

Illinois florists' short course. *Flor. Exch.*, 90:12:20. (1700)

Experimental work in floriculture at the University of Illinois. *So. Flor.*, 44:24:5. (400)

Welker, William Henry, A.C., Ph.D., Professor of Physiological Chemistry and Head of the Department

ARTICLES:

With L. Hektoen:

Renewal of multiple precipitin production on injection of one antigen in rabbits successively immunized with many antigens. *Science*, 86:592-93. (1000)

Whitlock, Mary Cecelia, A.M., Assistant Professor of Home Economics

ARTICLES:

How to buy values in textiles and clothing (rev.). *Ill. Agr. Exp. Sta. Circ.* 19 pp.

Whittaker, Edmund, Ph.D., Assistant Professor of Economics

ARTICLES:

New factors affecting gold mines. *Barron's*, May 17, 1937, p. 14. (900)

Government establishment of small farms in England and Scotland. *J. Farm Econ.*, 19:2:650-54. (2500)

Too much gold—America's problem. *So. Afr. J. Econ.*, 5:2:215-16. (750)

Economic considerations of obsolescence. *Acct. Rev.*, 12:4:337-44. (6000)

Wiley, Carroll Carson, B.S., C.E., Professor of Civil Engineering

ARTICLES:

- Pipe lines. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, p. 90.
Communication. *Ibid.*, pp. 91-92.

With O. M. Hathaway:

- Highways. *Ibid.*, pp. 84-88.

Will, Samuel Frederic, Ph.D., Associate Professor of Romance Languages

ARTICLES:

- The coup d'état of December 2, 1851, as seen by the brother Saint-Arnaud. *J. Mod. Hist.*, 10:66-76. (4800)

REVIEWS:

- The works of Guillaume de Salluste. Sieur du Bartas (Vol. I), by U. T. Holmes. *J. Engl.-Germ. Philol.*, 36:611-12. (850)
Le jeu de Robin et Marion, by Adam Le Bossu dit de la Halle, transpositions de Gustave Cohen. *Books Abroad*, 12:70. (225)
Discorso sul metodo and Principii di filosofia, libro primo, by Renato Descartes, edited by Adolfo Levi. *Ibid.*, 12:237-38. (150)
Malherbe, sa vie, son caractère, sa doctrine, by Jean de Celles. *Ibid.*, 12:182. (300)

Williams, Charles Allyn, Ph.D., Professor of German

ARTICLES:

- Two versions of the sixteenth century song "Es ein Schnee gefallen . . . Ich sollt zu meinem Buleen." *Mod. Lang. Notes*, 53:357-58. (650)

REVIEWS:

- Echoes of the American revolution in German literature, by H. S. King. *J. Engl. Germ. Philol.*, 35:433-34. (350)
Die deutsche Volkskunde, by A. Haberlandt. *Ibid.*, 36:427-28. (500)

Williams, Lewis Ward, Ph.D., Instructor in Education and Secretary for the Appointments Committee

ARTICLES:

- Relations to registrants. Chap. 8 in *Institutional Teacher Placement*, Nat. Instit. Teacher Placement Assoc., 1937.

Wilson, Wilbur M., M.M.E., C.E., Research Professor of Structural Engineering

ARTICLES:

- Recent developments in structural welding. *J. Western Soc. Engrs.*, 42:6:306-20. (9400)
Fatigue of butt welds in structural plates. *J. Amer. Welding Soc., Supp.*, 16:10:23-27. (2000)
Relation of research to teaching and industry. *Ibid.*, 16:11:1. (1400)

With J. Marin:

- Tests of thin hemispherical shells subjected to internal hydrostatic pressure. *Ill. Eng. Exp. Sta. Bul.*, 295, pp. 5-20. (3500)

Wimer, David Cleveland, Ph.D., Assistant Professor of Soil Physics

ARTICLES:

- Composition of mature corn stover. *Ill. Agr. Exp. Sta. Bul.*, 437, pp. 175-272. (19,000)

Winakor, Arthur Harry, Ph.D., C.P.A., Statistician in the Bureau of Institutional Research

ARTICLES:

- Interest rates. *Proc. 58th An. Meet. Ill. Bldg. Loan Leaguc*, Sept., 1937, pp. 56-63; *Amer. Bldg. Assoc. News*, 57:10:561-64. (3200)
Latent capacity to pay current debts. *Credit and Financial Mgmt.*, 39:6:13-16. (1700)
Can a firm's size affect its debt payment? *Ibid.*, 40:1:6-9. (1500)
Banking turnover and facilities in Illinois. *Ill. Bur. Bus. Res. Bul.*, 55, 60 pp. (29,000)
Industry and trade. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 242-59. (5000)

See also H. W. Huegy.

Winters, Eric, Jr., M.S., Associate in Soil Physics and Soil Survey
See R. S. Smith.

Wirth, Elmer Hauser, Ph.C., Ph.D., Associate Professor of Pharmacognosy

BOOKS:

- Laboratory manual for pharmacognosy. John S. Swift Co., Chicago, 1937. 102 pp.

ARTICLES:

- The International Pharmaceutical Federation. *J.A.Ph.A.*, 26:1221. (650)
J. J. Hofman. *Ibid.*, 26:858. (600)
Proceedings of the plant science seminar. *Ibid.*, 26:1163. (1400)
Problems of the Pharmacopoeia. *Ibid.*, 27:5. (1500)

REVIEWS:

- Pharm. Abstracts* Vol. 3. 1937. (15,000)

Woodrow, Herbert, Ph.D., Professor of Psychology and Head of the Department

ARTICLES:

- The scaling of practice data. *Psychometrika*, 2:4:237-48. (5500)
The effect of pattern on simultaneous letter-span. *Amer. J. Psych.*, 51:1:83-97. (8000)
The relation between abilities and improvement with practice. *J. Educ. Psych.*, 29:3:215-31. (6700)
The effect of practice on groups of different initial ability. *Ibid.*, 29:4:241-51. (4500)
Factors in improvement with practice. *Proc. Amer. Psych. Assoc., Psych. Bul.*, 33:9:800-01. (300)

REVIEWS:

- Differential psychology, by A. Anastasi. *Ibid.*, 34:10:851-55. (1700)

Woodruff, Sybil, Ph.D., Professor of Foods

ARTICLES:

- Edible varieties of soybeans. *Proc. Amer. Soybean Assoc.*, Sept. 14-16, 1937. (1500)
With Elizabeth Rogosheski and S. Bull:
A preliminary study of the use of frozen meats. (1300)

Woodworth, Clyde Melvin, Ph.D., Professor of Plant Genetics

ARTICLES:

- Recent results in soybean breeding and genetics. *Proc. Amer. Soybean Assoc.*, Sept. 14-16, 1937, pp. 44-48. (2400)
Brief description of inbred lines of corn. U. of I. Dept. of Agron. Mimeo., 1938, 5 pp. (1300)

With L. F. Williams:

- Recent studies on the genetics of the soybean. *J. Amer. Soc. Agron.*, 30:2:125-29. (1300)

Wright, Ivan, Ph.D., Professor of Economics
ARTICLES:

- England leads the way. Chap. II in *Thomas Gibson, Inc., Semi-Annual Report*. (2000)
Inflation in France and Japan. *Ibid.*, Chap. III. (5000)
Gold, money, and credit. *Ibid.*, Chap. IV. (5000)
Gold policy of the United States. *Council for Applied Econ.*, 1:2. (500)
The labor movement. *Ibid.*, 1:3. (400)
The capital funds market. *Ibid.*, 1:4. (800)
International trade. *Ibid.*, 1:5. (1000)
Consequences of the agricultural surplus loan program. *Ibid.*, 1:6. (1200)
The effect of the governmental monetary policy upon the direction of business activity. *Ibid.*, 1:7. (600)
The international aspects of this current business recession. *Ibid.*, 1:10. (800)
Current reform of the federal tax system. *Ibid.*, 1:12. (600)
The trend of commodity prices and wages. *Ibid.*, 1:13. (1200)
The experience of estate, endowments and investors in protecting their capital and income through inflations in the European countries since the war and the lessons for American investors. *Wall Street J.*, 111: 50:18.
115 articles for Thomas Gibson, Inc., (periodical news letters.)

REVIEWS:

- The downfall of the gold standard, by Cassel. *Pol. Sci. Quart.*, 52:3:469.
Agricultural credit, by A. I. Qureshi. *Ibid.*, 52:3:470.
The study of crises and cycles, by Wilhelm Ropke. *Ibid.*, 52:3:471.
World finance, by Paul Einzig. *Ibid.*, 52:4: 629.
Easy money: a study of low interest rates, their bearing on the outlook for the gold standard and the problem of curbing a boom, by L. D. Edie. *Amer. Econ. Rev.*, 37:4:827.

Yenawine, Wayne Stewart, A.M., Assistant
in the Office of the Director of the Library

ARTICLES:

- Wanted: a functional reference room. *Lib. J.*, 62:6:237-39. (2300)

Young, Paul Thomas, Ph.D., Professor of
Psychology

ARTICLES:

- A study upon the recall of pleasant and unpleasant words. *Amer. J. Psychol.*, 49: 4:581-96. (8000)
Laughing and weeping, cheerfulness and depression: a study of moods among college students. *J. Social Psych.*, 8:3: 311-34. (9000)
Is cheerfulness-depression a general temperamental trait? *Psych. Rev.*, 44:4:313-19. (2000)
Reversal of auditory localization. *Ibid.*, 44: 6:505-20. (2000)
Liking and disliking persons (abstract). *Psychol. Bul.*, 34:9:784-85. (200)

Zechel, Gustav Leopold, M.D., Assistant Pro-
fessor of Anatomy

ARTICLES:

- An improved tissue culture chamber. *Science*, 87:264. (500)

Zeitlin, Howard, M.S., M.D., Instructor in
Neurology and Neurological Surgery

ARTICLES:

- With B. W. Lichtenstein:*
Actinomycotic abscess of the brain. *Arch. Path.*, 23:58-66. (2500)
Ganglioglioma of the spinal cord associated with pseudoscyringomyelia. *Arch. Neurol. Psychiat.*, 37:1356-70. (3500)
Cystic tumor of the third ventricle containing colloid material. *Ibid.*, 38:268-87. (8000)

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BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1938—APRIL 30, 1939



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

JUL 17 1943

UNIVERSITY OF ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY OF THE UNIVERSITY OF ILLINOIS

May 1, 1938—April 30, 1939

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1939, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1939-1940 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

Adams, Leverett Allen, Ph.D., Professor of Zoology and Curator of Museum of Natural History

BOOKS:

Introduction to the vertebrates (2d ed.). John Wiley and Sons, N.Y., 1938. 478 pp.

Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

ARTICLES:

With D. S. Tarbell:

The attempted resolution of phenyl-*ds*-phenyl-aminomethane. *J.A.C.S.*, 60:1260-62. (2400)

With H. R. Snyder:

Stereochemistry of biphenyls. XLIII. The effect of substituents in the 4-position of 2-nitro-6-carboxy-2'-methoxybiphenyl. *Ibid.*, 60:1411-15. (4500)

With R. M. Joyce, Jr.:

Stereochemistry of biphenyls. XLIV. Meso and racemic isophthalamides of 3-nitro-3'-aminobimesityl. *Ibid.*, 60:1489-91. (2100)

Stereochemistry of biphenyls. XLV. Stereoisomeric dipyrrolyl biphenyls. *Ibid.*, 60:1491-92. (1350)

With C. C. Price and W. R. Dial:

Structure of gossypol. V. Anilino derivatives. *Ibid.*, 60:2158-60. (2300)

With B. S. Friedman, C. C. Price, R. C. Morris, and E. C. Kirkpatrick:

Structure of gossypol. VI. Addition products with butadienes. *Ibid.*, 60:2160-62. (2300)

With T. A. Geissman:

Structure of gossypol. VII. Gossypol dimethyl ether. *Ibid.*, 60:2163-66. (2900)

Structure of gossypol. VIII. Derivatives of the ethers of gossypol. *Ibid.*, 60:2166-70. (4300)

With R. C. Morris and E. C. Kirkpatrick:

Structure of gossypol. IX. Oxidation and degradation of gossypol hexamethyl ether; gossic acid. *Ibid.*, 60:2170-74. (3800)

With D. J. Butterbaugh:

Structure of gossypol. X. Apogossypol and its degradation products. *Ibid.*, 60:2174-80. (4800)

With E. C. Kirkpatrick:

Structure of gossypol. XI. Absorption spectra of gossypol, its derivatives and of certain dinaphthalene compounds. *Ibid.*, 60:2180-84. (3800)

With T. A. Geissman:

The structure of gossypol. XII. Gossylic acid lactone tetramethyl ether. *Ibid.*, 60:2184-88.

Articles (continued)

With R. C. Morris:

Structure of gossypol. XIII. Conversion of gossic acid to apogossypolic acid. *Ibid.*, 60:2188-90. (1200)

With R. C. Morris, D. J. Butterbaugh, and E. C. Kirkpatrick:

Structure of gossypol. XIV. Apogossypolic acid. *Ibid.*, 60:2191-93. (2500)

With R. C. Morris, T. A. Geissman, D. J. Butterbaugh, and E. C. Kirkpatrick:

Structure of gossypol. XV. An interpretation of its reactions. *Ibid.*, 60:2193-2204. (9500)

With E. E. Gruber:

Lactone formation in the addition product of maleic anhydride and bicyclohexenyl. *Ibid.*, 60:2792-94. (1900)

With T. A. Geissman and R. C. Morris:

Structure of gossypol. XVI. Reduction products of gossypolone. Tetramethyl ether and gossypolonic acid tetramethyl ether. *Ibid.*, 60:2967-70. (2300)

Structure of gossypol. XVII. Nitration products of gossypol hexamethyl ether, gossypolone tetramethyl ether and gossypolonic acid tetramethyl ether. *Ibid.*, 60:2970-72. (1400)

With M. Hunt and R. C. Morris:

Structure of gossypol. XVIII. Synthesis of 1,2-dimethoxy-3-isopropyl-5-aminobenzene, a degradation product of gossypol. *Ibid.*, 60:2972-74. (1500)

REVIEWS:

Unit processes in organic synthesis, by P. H. Groggins. *Ibid.*, 61:217. (600)

Organic chemistry, by P. Karrer. *Ind. Eng. Chem., News Ed.*, 17:215. (250)

Adamstone, Frank Bolton, Ph.D., Associate Professor of Zoology

BOOKS:

A guide to the anatomy of early chick embryos and the 10 mm. pig. Swift Publishing Co., St. Louis, 1938. 50 pp.

Afremow, Melvin Louis, M.S., M.D., Associate in Medicine

ARTICLES:

With P. S. Rhoads:

Clinical and statistical study of sore throat in young adults. *Arch. Path.*, 26:403-10.

Albig, John William, Ph.D., Associate Professor of Sociology and Executive Secretary of the Department

BOOKS:

Public opinion. McGraw-Hill Book Co., N.Y., 1939. 486 pp.

Alexander, Franz Gabriel, A.B., M.D., Associate Professor of Psychiatry

ARTICLES:

- Psychoanalysis comes of age. *Psychoanalytic Qrt.*, 7:299-306. (3000)
 Hostility and fear in social life. *Social Forces*, 17:1:15-29. (1300)
 Culture and personality. *Amer. J. Orthopsychiatry*, 8:4. (2500)
 Psychological aspects of medicine. *Psychosomatic Med.*, 1:1:7-18. (7000)
 Psychoanalytic study of a case of essential hypertension. *Ibid.*, 1:1:141-52. (7000)
 Emotional factors in essential hypertension. *Ibid.*, 1:1:173-79. (3500)

Allen, Harry Kenneth, Ph.D., Assistant Professor of Economics

ARTICLES:

- Municipal finance. *Amer. Yr. Bk.*, 1938. (5000)
 Forfeiture of real property rights through tax delinquency. *J. Land and Public Util. Econ.*, 14:4. (4500)
 The rigid amendatory provisions of the Illinois Constitution. *Great Lakes Banker*, 20:7. (3500)
 Tax collection procedure—land use implication and administrative problems. U.S.D.A. Bur. Agr. Econ. Mimeo., Feb., 1939. 46 pp.

Ames, Alfred Campbell, A.M., Assistant in English

ARTICLES:

- Letter to the editor on the address of Professor Harold J. Laski. *Urbana Courier*, April 9, 1939, p. 6. (300)

Anderson, Harold Homer, Ph.D., Assistant Professor of Psychology

Books:

With P. A. Witty and others:

- Mental hygiene in modern education. Farrar and Rinehart, N. Y., 1939. xiii + 539 pp.

Andrews, Andrew Irving, Ph.D., Professor of Ceramic Engineering

ARTICLES:

With C. H. Zwernmann:

- Fundamentals of color in porcelain enamels. *J. Amer. Cer. Soc.*, 22:65. (3000)

With B. W. King, Jr.:

- Identity and amounts of fluoride crystals present in enamels. *Ibid.*, 22:123. (750)

With F. Porter:

- Thirteen lectures on enamels. Published separately, Inland Steel Co., Chicago. (40,000)

Apple, Carl, B.S., M.D., Associate in Ophthalmology

ARTICLES:

- Congenital abducens paralysis. *Amer. J. Ophthalm.*, Ser. 3, 22:2:169-73. (2700)

Archer, Luther Bunyan, M.S., E.E., Assistant Professor of Electrical Engineering

ARTICLES:

- Solution of network systems by successive approximations. *Elec. J.*, 35:12:481-82. (1200)

Arnim, Sumter Smith, D.D.S., Ph.D., Assistant Professor of Operative Dentistry

ARTICLES:

- Changes in the incisor teeth of rats, following extraction of the upper right first and second molars. *J. Amer. Dent. Assoc.*, 25:1807-18.

Arnold, Lloyd, A.M., M.D., Professor of Bacteriology and Public Health

ARTICLES:

- A sanitary study of commercial laundry practices. *Amer. J. Public Health*, 28:7:839. (1000)
 A glass milk bottle with narrowing pouring lip and minimum drip. *J. Milk Technol.*, 1:6:5-14. (2000)
 The pouring lip and cap as sanitary factors in bottled milk. *Ibid.*, 2:1:41-43. (1100)
 A new surgical mask—a bacteriologic air filter. *Arch. Surg.*, 37:1008. (1800)
 The pouring lip a sanitary factor in bottled milk. *Dairy Mfrs. Conf. Manual*, Univ. of Ill., Nov., 1938, pp. 242-47. (2300)
 The influence of the ingestion of nickel pectinate upon growth of young rats. *Amer. J. Dig. Dis.*, 6:2:103. (350)
 The bactericidal action of pectin and metal pectinates. *Ibid.*, 6:2:104. (800)

With Esther Meyer:

- The efficiency of several germicides and antiseptics on the oral mucosa. *Ibid.*, 5:7:418-20. (1100)

With D. K. O'Connor and H. E. McDaniels:

- Replacing *B. coli* by *B. paratyphosus B.* in large intestines in guinea pigs. *Ibid.*, 5:3:176-77. (500)

With Nell Hirschberg:

- The effect of human tissue juices on tubercle bacilli. *Amer. Rev. Tuberc.*, 37:6:598-611. (3900)

With Emil Weiss:

- Complement fixation test for gonorrhea with increased antibody content. *Amer. J. Syph. Gonorr. and Ven. Dis.*, 22:3:310-26. (3600)

Ashby, Robert C., Ph.D., Professor of Livestock Marketing

ARTICLES:

- Auctions and marketing Illinois livestock. *Chicago Prod. Comm. Assoc., An. Rpt.*, 1937, pp. 50-58. (4000)
 The "yen" for trading. *U. S. Live Stock News*, 5:2:3. (2500)
 The place of livestock auction markets. *Coop. J.*, 12:3:84. (500)
 Selling Illinois livestock through auctions. U. of I. Dept. of Agr. Econ. Mimeo., 890. (10,000)
 Selling for the high dollar. *Chicago Daily Drovers J.*, Nos. 168, 169, 170, 172; *Nat. Live Stock Prod.*, 16:12:12-13. (4000)
 Types of livestock markets and the price structure. *J. Farm Econ.*, 21:1:195-214. (7500)

With Slecter Bull and R. J. Webb:

- Retailers' reactions to the sale of grade-stamped beef in Illinois. *Proc. Amer. Soc. Animal Prod.*, Dec., 1938, pp. 262-67. (3000)

REVIEWS:

- Collectivism, a false utopia, by W. H. Chamberlain. *J. Farm Econ.*, 20:3:733-35. (800)

Astell, Louis Alexander, M.S., Instructor in Education, Teacher of Science in University High School, and Supervisor of Science Aids Service

ARTICLES:

- Significant aspects of visual aids in chemical education. *J. Chem. Educ.*, 17:129-33. (3850)
 Development and needs of visual aids in chemical education. *Educ. Screen*, 17:150-52. (3000)

ASTELL, L. A.—Articles (continued)

Audio-visual aids in chemistry at the secondary level. *Trans. Ill. Acad. Sci.*, 31: 2:118-21. (2400)

Audrieth, Ludwig Frederick, Ph.D., Associate Professor of Chemistry

BOOKS EDITED:

With others:

Inorganic syntheses (vol. 1). McGraw-Hill Book Co., N. Y., 1939. 197 pp.

ARTICLES:

With H. Sisler:

Potassium nitrilosulfonate. *J.A.C.S.*, 60:1947-49. (2000)

With J. H. Billman:

Separation of sulfuric acid from nitric, alkyl- and arylsulfonic, and alkyl-sulfonic acids by means of liquid ammonia. *Ibid.*, 60: 1945. (2000)

With Sister M. Josetta Butler:

Ammonium and substituted ammonium sulfamates. *Ibid.*, 61:914-15. (1500)

With J. Kleinberg:

Acid catalysis in liquid ammonia. III. Effect of substituents on the ammonolysis of esters. *J. Org. Chem.*, 3:312-16. (2500)

With P. K. Glasoe:

Acid catalysis in amines. I. The catalytic effect of cyclohexylammonium salts on the reaction between cyclohexylamine and esters. *Ibid.*, 4:54-59. (3000)

With Sister M. Josetta Butler and G. F. Smith:

Sulfamic acid as a standard of acidimetry. *Ind. Eng. Chem., Anal. Ed.*, 10:690-92. (3000)

With V. F. Balaty and L. L. Feller:

Acid catalysis in liquid ammonia. Ammonolysis of fatty oils. *Ind. Eng. Chem.*, 31: 280-82. (3000)

Bachem, Albert, Ph.D., Professor of Biophysics

ARTICLES:

With B. Fantus:

Evaluation of skin protection against ultraviolet rays. *Arch. Phys. Ther.*, 20:69-76. (2700)

Badger, Alfred Earl, Ph.D., Research Associate in Ceramic Engineering

ARTICLES:

With J. F. White:

Comparison of thermal expansions of glasses. *Glass Ind.*, 19:12:463-64. (1000)

With L. M. Doney:

Note on use of caustic alkali in glass batches. *Ibid.*, 20:3:103. (600)

With W. L. Schwalbe and W. B. Silverman:

Tensile tests of glasses. *J. Amer. Cer. Soc.*, 21:10:333-38. (2500)

Badger, Carroll John, B.S., Associate in Soil Experiment Fields

ARTICLES:

The trailing wild bean in southern Illinois. *Trans. Ill. Acad. Sci.*, 31:2:62. (500)

See also F. C. Baner.

Baer, Reinhold, Ph.D., Associate Professor of Mathematics

ARTICLES:

Groups with abelian central quotient group. *Trans. Amer. Math. Soc.*, 44:357-86. (15,000)

Groups with preassigned central and central quotient group. *Ibid.*, 44:387-412. (13,000)

Articles (continued)

The applicability of lattice theory to group theory. *Bul. Amer. Math. Soc.*, 44:817-20. (2000)

The significance of the system of subgroups for the structure of the group. *Amer. J. Math.*, 61:1-44. (24,000)

Almost Hamiltonian groups. *Compositio Math.*, 6:3:382-406. (15,000)

Bailar, John Christian, Jr., Ph.D., Associate Professor of Chemistry. Secretary of the Department, and Counselor in the Personnel Bureau

ARTICLES:

The coordinating tendency of metallic ions. *Chem. Rev.*, 23:65-75. (5000)

With J. P. McReynolds:

The catalytic reaction between sodium nitrite and dichloro-diethylene-diamino-cobalt chloride. *J.A.C.S.*, 60:2817-18. (750)

REVIEWS:

Introductory general chemistry, by S. R. Brinkley. *J. Chem. Educ.*, 15:597. (600)

Baily, H. Heaton, A.M., C.P.A., Associate Professor of Accountancy

BOOKS:

Accounting systems. Stipes Publishing Co., Champaign, Ill., 1938. 100 pp.

REVIEWS:

Bookkeeping and accounting, by A. H. Rosenkarnpf and W. C. Wallace. *Acct. Rev.*, 14:1:83-84. (625)

Baker, Frank Collins, B.S., Curator of the Museum of Natural History, Emeritus

ARTICLES:

The Mollusca of the shell heaps or escargotieres of northern Algeria. Part III. Prehistoric habitation sites in the Sahara and north Africa. *Logan Mus. Bul.*, 5:185-225. (15,000)

New land and freshwater Mollusca from the upper Pliocene of Kansas and a new species of *Gyraulus* from early Pleistocene strata. *Nautilus*, 51:126-31. (2000)

Original copies of Say's "American Conchology." *Ibid.*, 52:106. (200)

Stagnicola bulimoides vancouverensis Nov. Var. *Ibid.*, 52:144. (150)

Baldur, Walter Valentine, Ph.D., Associate Professor of Entomology

ARTICLES:

The rise of entomophagy among Lepidoptera. *Amer. Naturalist*, 72:358-79. (6500)

Food habits of Phymata pennsylvanica americana. *Can. Entom.*, 71:66-74. (5500)

REVIEWS:

Lac cultivation in India, by P. M. Glover. *J. Econ. Entom.*, 31:636-37. (375)

Barker, Roger G., Ph.D., Assistant Professor of Education

ARTICLES:

The effect of frustration upon cognitive ability. *Character & Personality*, 7:2:145-50. (2400)

With C. P. Stone:

The attitudes and interests of premenarcheal and post menarcheal girls. *J. Genetic Psych.*, 54:27-71. (10,000)

Barlow, Reuel Richard, A.M., Professor of Journalism

ARTICLES:

The foreign press: France. *Journ. Qt.*, 15:2:222-24; 15:3:313-15; 15:4:419-20; 16:1:72-75. (5000)

Barrett, William Christopher, Ph.D., Instructor in Philosophy

Books:

Aristotle's analysis of movement. Columbia Univ. Press, N. Y., 1938. 72 pp.

ARTICLES:

Logical empiricism and the history of philosophy. *J. Phil.*, 36:5:124-32. (4000)
The null class of premises. *Mind*, 48:1189: 74-77. (2000)

Barrick, Roy Gilmore, M.D., Assistant Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

Criteria of improbability. *38th An. Rpt. Amer. Prison Assoc.*, 1938. (10,000)

Bartlett, James Holley, Jr., Ph.D., Associate Professor of Theoretical Physics

ARTICLES:

Stopping power for cosmic-ray electrons. *Phys. Rev.*, 53:915. (100)

With R. E. Watson:

Scattering of fast electrons. *Ibid.*, 55:235-36. (100)

Bartlett, Roland Willey, Ph.D., Associate Professor of Agricultural Economics

ARTICLES:

Increasing the consumption of milk. *Dairy Mfrs. Short Course Manual*, 1938, pp. 144-55.

Take long-time view on price problems. *Popkess' Dairyman's J.*, Jan., 1939, p. 10.
Wholesale prices of market milk, condensed milk, and cheese, as related to butter prices. *Ill. Farm Econ.*, Oct., 1938, pp. 201-03.

Considerations in governmental price control of dairy products. *Ibid.*, Feb., 1939, pp. 222-27.

Farm economic facts. *Mass. State Coll. Ext. Serv.*, May, 1939, pp. 2-3.

With H. A. Ruehe:

Butter prices, fluid milk prices, and canned milk prices. *Pure Milk*, June, 1938, pp. 5, 12.

Relationship between prices of fluid milk and prices of manufactured dairy products. *Hoard's Dairyman*, June 25, 1938.

Price relationship between fluid milk and manufactured dairy products. *St. Louis Sanitary Milk Producers*, May, 1938.

Bartow, Virginia, Ph.D., Assistant Professor of Chemistry

REVIEWS:

Library guide for the chemist, by B. A. Soule. *J. Chem. Educ.*, 15:597; *Chem. Met. Eng.*, 46:36. (650)

Bauer, Edward Ezra, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

A study of deflocculating agents used in the particle-size determination of soils. *Proc. A.S.T.M.*, 38:2:575-86. (6000)

Bauer, Frederick Charles, Ph.D., Professor of Soil Fertility

ARTICLES:

With L. B. Miller:

The effect of soil treatment in stabilizing yields of corn. *J. Amer. Soc. Agron.*, 30: 8:699-708. (2400)

Articles (continued)

With L. B. Miller:

Carlinville soil experiment fields: general summary of results—1910-1937. U. of I. Dept. of Agron. Mimeo., Sept., 1938. (550)

With C. J. Badger:

Ewing soil experiment fields: general summary of results—1910-1937. *Ibid.*, July, 1938. (600)

With A. L. Lang and L. F. Marriott:

Kewanee soil experiment fields: general summary of results—1915-1937. *Ibid.*, Oct., 1938. (650)

Beard, J. Howard, A.M., M.D., Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

ARTICLES:

Venereal disease: some reflections. *Ill. Med. J.*, 75:2:122-27. (2500)

Beck, William Carl, A.B., M.D., Associate in Surgery

ARTICLES:

With G. W. Scupham, G. de Takats, and T. R. Van Dellen:

Vascular diseases: a review of some of the recent literature, with a critical review of the surgical treatment. *Arch. Int. Med.*, 62:482-539.

Berdahl, Clarence Arthur, Ph.D., Professor of Political Science

REVIEWS:

The world crisis, by P. Mantoux, W. E. Rappard, and others. *Amer. Pol. Sci. Rev.*, 32:5:982-84. (1000)

Geneva and the drift to war, by Sir Norman Angell, J. B. Condliffe, and others. *Ibid.*, 32:5:984-85. (500)

The first sanctions experiment, by A. E. Highley. *Ibid.*, 33:1:146. (300)

Berg, Max, M.S., M.D., Instructor in Pathology and in Medicine

ARTICLES:

Leucocytic variability and its relation to meteorological alterations. *J. Lab. Clin. Med.*, 23:797-803. (3000)

Billman, John Henry, Ph.D., Instructor in Chemistry

ARTICLES:

With C. M. Smith:

The reaction of carbon suboxide with methylmagnesium iodide. *J.A.C.S.*, 61:457. (1800)

See also L. F. Audrieth.

Blises, Joseph Louis, M.S., E.E., Special Research Associate in Engineering Materials
See H. F. Moore.

Black, Dorothy Miller, A.M., Reference Assistant in the Library

REVIEWS EDITED:

Subscription Books Bulletin (quarterly, A.L.A.), vols. 9-10, 1938-1939.

Blair, Glenn Myers, Ph.D., Associate in Education

BOOKS:

Mentally superior and inferior children in the junior and senior high school. Teachers Coll., Columbia Univ., N. Y., 1938. xii + 87 pp.

BLAIR, G. M. (continued)

ARTICLES:

Relation of intelligence to knowledge of world affairs. *Sch. and Soc.*, 48:762-63. (1500)

Blaurock, Melvin Frank Otto, M.D., M.S., Assistant in Psychiatry

See A. A. Low.

Blodgett, Ralph Hamilton, Ph.D., Assistant Professor of Economics

Books:

With P. F. Gemmill:

Current economic problems. Harpers, N. Y., 1939. 753 pp.

Bloom, Margaret, Ph.D., Instructor in English

Books:

Down the Ohio. Albert Whitman, Chicago, 1938. 201 pp.

Bogart, Ernest Ludlow, Ph.D., Professor of Economics, Emeritus

Books:

Economic history of the United States (5th ed.). Longmans, Green and Co., N. Y., 1938. 654 pp.

Boley, Loyd Edwin, D.V.M., Assistant in Animal Pathology and Hygiene

ARTICLES:

With N. D. Levine and W. G. Kammlade:

A note on the effect of repeated treatment of sheep for *Haemonchus contortus*. *Cornell Vet.*, 28:296-98. (1000)
Meat inspection. *U. of I. Cold Storage Locker Conf. Manual*, Feb., 1939, pp. 14-16. (1800)

Bolin, Oren, M.S., Associate in Plant Genetics

See G. H. Dungan and C. M. Woodworth.

Bonin, Gerhardt von, M.D., Professor of Anatomy

ARTICLES:

The cerebral cortex of the Cebus monkey. *J. Comp. Neurol.*, 69:2:181-227. (16,000)
Studies of the size of the cells in the cerebral cortex. *Ibid.*, 69:3:381-90. (3700)

With G. M. Morant:

Indian races in the United States. A survey of previously published cranial measurements. *Biometrika*, 30:1-2:94-129. (12,000)

REVIEWS:

Mathematical biophysics: physicomathematical foundations of biology, by N. Rashevsky. *Psychometrika*, 4:1:69-72. (2000)

Bonnett, Orville Thomas, Ph.D., Assistant Professor of Plant Genetics

ARTICLES:

Hood and supernumerary spike development in barley. *J. Agr. Res.*, 57:5:371-77. (2900)
Seed setting and average seed weight as affected by two methods of opening barley flowers for emasculatation. *Amer. Soc. Agron.*, 30:6:501-06. (1600)

Booth, Alfred Whaley, Ph.D., Instructor in Geography

ARTICLES:

The geography of the southeastern dairy region of Wisconsin. *Univ. Wis. Summaries of Doctoral Dissertations*, 2:234-36. (1000)

Bosselman, Mrs. Beulah Chamberlain, A.B., M.D., Associate in Psychiatry

ARTICLES:

Some present-day aspects of treatment of the psychoses. *Ill. Med. J.*, 75:4:355-59. (3000)

Boyd, Anne Morris, B.L.S., Associate Professor of Library Science

ARTICLES:

Trends in publishing. *Ill. Lib.*, 20:12:59-63. (4000)

Bray, Roger Hammond, M.S., Assistant Chief in Soil Survey Analysis

ARTICLES:

With L. C. Olson:

The determination of the organic base-exchange capacity of soils. *Soil Sci.*, 45:6:483-96. (3700)

See also E. E. DeTurk.

Bredlau, Ernest A., M.D., Associate in Laryngology, Rhinology, and Otology

ARTICLES:

Objective tinnitus aurium. *Arch. Otolaryng.*, 28:193-98.

Brett, Lewis Edward, Ph.D., Instructor in Romance Languages

ARTICLES:

A new approach to historical syntax. *Italica*, 16:1:17-22. (3000)

Briggs, Frances Agnes, Ph.D., Instructor in Physiological Chemistry

ARTICLES:

With W. C. Hucper and H. D. Wolfe:

Experimental investigation on the etiology of aniline tumors. *J. Ind. Hygiene and Toxicol.*, 20:85-91. (3000)
The excretion in the urine of ovalbumin and of blood proteins after the intravenous injection of crystallized ovalbumin. *J. Infect. Dis.*, 63:103-12. (5000)

Bristow, Leonard, Ph.D., Instructor in Mathematics

ARTICLES:

Expansion of functions in solutions of functional equations. *Bul. Amer. Math. Soc.*, Dec., 1938. (1500)

Broder, Samuel B., M.D., M.S., Associate in Psychiatry

ARTICLES:

A case study—psychiatric implications; the value of psychotherapy as an aid to prisoners in the preparation for extramural adjustment. *Proc. Amer. Prison Assoc.*, Oct., 1938, pp. 280-91.

Broderick, Edwin Laurence, M.S., Research Assistant in Mechanical Engineering

See A. P. Kratz.

Brodie, Allan Gibson, D.D.S., M.S., Professor of Orthodontia and Head of the Department

ARTICLES:

Retention. *Angle Orthodontist*, 9:2.

With W. Downs, A. Goldstein, and E. Myer:

A cephalometric appraisal of orthodontic results. *Ibid.*, 8:4.

Bronstein, I. Pat, B.S., M.D., Assistant Professor of Pediatrics

ARTICLES:

Hypergenitalism in children. *J. Pediatrics*, 14:2:203-12. (3500)
Gynecomastia. *Endocrinology*, 24:2:274-77.

See also A. W. Brown.

Brown, Andrew W., Ph.D., Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

Conduct disorders and delinquency. Chapter 16 in *Mental Hygiene and Modern Education*, edited by P. A. Witty and C. E. Skinner, Farrar and Rinehart, N. Y., 1939, pp. 443-74.

With I. P. Bronstein and Ruth Kraines:

Hypothyroidism and cretinism in children. VI. Influence of thyroid therapy on mental growth. *Amer. J. Dis. Children*, 57:3:517-23.

With Margaret Davidson:

The development and standardization of the I.J.R. test for the visually handicapped. *J. Applied Psych.*, 23:2:229-39.

Brown, Hugh Alexander, M.S., E.E., Professor of Electrical Engineering

ARTICLES:

With P. W. Ryburn:

Use of conventional oscillator as a generator of impulse voltages. *Trans. Ill. Acad. Sci.*, 31:2:190-91.

Electronic switching circuits. *Elec. Eng.*, 57:8:360. (250)

Bruckner, Walter Herbert, A.B., Ch.E., Research Assistant Professor in Metallurgical Engineering

ARTICLES:

The use of the Charpy test as a method of evaluating toughness adjacent to welds. *A.S.T.M.*, 38:2:71-79. (5000)

Buchholz, John Theodore, Ph.D., Professor of Botany and Head of the Department

ARTICLES:

Report on Grant No. 200 (1937), Committee on Research for 1938. *Yrbk. Amer. Phil. Soc.*, 1938, pp. 143-46. (1000)

Elisha Newton Plank. *Amer. Mid. Naturalist*, 20:4:521-25. (2800)

The morphology and embryogeny of *Sequoia gigantea*. *Amer. J. Bot.*, 26:93-101. (8800)

The embryogeny of *Sequoia sempervirens* with a comparison of the Sequoias. *Ibid.*, 26:248-57. (9000)

With A. F. Blakeslee:

Direct demonstration in the male gametophyte of the result of crossing over in *Datura*. *Rec. Genetic Soc. Amer.*, 1938, pp. 95-96. (600)

With A. F. Blakeslee and others:

Chromosome investigations. *Yrbk. Carnegie Instit. of Wash.*, 1937-1938, pp. 35-40. (2400)

Bugbee, Martha Herckenrath, A.M., Instructor in Physical Education for Women

ARTICLES:

Defense play. *Basketball Guide*, A. S. Barnes and Co., N. Y., 1938, pp. 31-34. (1250)

Bull, Sleeter, M.S., Professor of Meats

ARTICLES:

Early maturing hogs will help solve the lard problem. *Nat. Live Stock Prod.*, 17:18:12. (1500)

Articles (continued)

Retardation of rancidity in bacon, lard, and pork fats. *Food*, 8:9:1:281-82. (2000)

Rancidity of pork fats. *Nat. Provisioner*, 100:6:11. (2500)

Processing of meat for locker storage. *U. of I. Cold Storage Locker Conf. Manual*, Feb., 1939, pp. 17-20. (3000)

Producer and consumer interest in graded beef. *Proc. U. S. Live Stock Assoc.*, 1939. (3500)

With R. C. Ashby and R. J. Webb:

Retailers' reaction to the sale of grade-stamped beef in Illinois. *Prof. Amer. Soc. Animal Prod.*, Dec., 1938, pp. 262-67. (3000)

Burlison, William Leonidas, Ph.D., D.Agr., Professor of Crop Production and Head of the Department of Agronomy

ARTICLES:

With J. W. Lloyd:

Eighteen varieties of edible soybeans. *Ill. Agr. Exp. Sta. Bul.*, 453, pp. 383-439. (25,000)

With R. F. Fuelleman:

Pasture yields and consumption under grazing conditions. *J. Amer. Soc. Agron.*, 31: 5:399-412. (2900)

With G. H. Dungan:

Spring barley in Illinois, 1927-1938. *U. of I. Dept. of Agron. Mimeo.*, Jan., 1939. (1450)

Winter barley and winter oats in Illinois. *Ibid.*, Feb., 1939. (1000)

Results of oat variety tests on agronomy crop experiment fields summarized to include 1938. *Ibid.*, Jan., 1939. (750)

Performance of varieties of spring wheat in Illinois, 1927-1938. *Ibid.*, (800)

Results of variety tests with winter wheats grown in 1938. *Ibid.*, Aug., 1938. (450)

Burmester, Ben Roy, Ph.D., Instructor in Animal Physiology

ARTICLES:

With L. E. Card:

The effect of resecting the so-called chalaziferous region of the hen's oviduct on the formation of subsequent eggs. *Poultry Sci.*, 18:2:138-45.

Burns, Mrs. Kathryn Van Aken, A.M., Associate Professor of Home Economics

ARTICLES:

Report of American Association for Adult Education. *J. Home Econ.*, 30:473-74. (450)

Home economics and adult education. *Ibid.*, 30:521-25. (2300)

Buswell, Arthur Moses, Ph.D., Professor of Chemistry and Chief of the State Water Survey

ARTICLES:

Microscopic growths in distribution systems and their food supply. *J. Amer. Water Works Assoc.*, 30:10:1651-54.

Water isn't H₂O. *Ibid.*, 30:9:1433-41.

With W. H. Rodebush:

Association through hydrogen. *J. Phys. Chem.*, 43:219-30.

With W. H. Rodebush and M. F. Roy:
Infrared absorption studies. V. Association in the carboxylic acids. *J.A.C.S.*, 60:2239-44. (3000)

Infrared absorption studies. VI. Association in the acid amides and oximes. *Ibid.*, 60: 2444-49. (3000)

BUSWELL, A. M.—Articles (continued)

Infrared absorption studies. VII. Complex formation due to hydrogen bonding. *Ibid.*, 60:2528-31. (3000)

With others:

Ill. Water Surv. Bul., 21, Supp. I, pp. 711-1089.

Camp, Walter John Richard, M.D., Ph.D., Professor of Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

Potentialization of digitalis action by epinephrine and potassium. *Arch. Int. Pharmacodyn.*, 41:1:60-63. (660)

Canter, Howard Vernon, Ph.D., Professor of the Classics

BOOKS:

With *W. A. Oldfather and K. M. Abbott*: Index verborum Ciceronis epistularum. Univ. of Ill. Press, Urbana, 1938. 584 pp.

ARTICLES:

Praise of Italy in classical authors, II. *Class. J.*, 34:396-409. (5200)

Card, Leslie Ellsworth, Ph.D., Professor of Poultry Husbandry

BOOKS:

With *E. H. Barger*: Diseases and parasites of poultry (2d ed.). Lea and Febiger, Phila., 1938. 386 pp.

With *W. A. Lippincott*:

Poultry production (6th ed.). Lea and Febiger, Phila., 1939. 603 pp.

Carlson, Hilding Bror, Ph.D., Associate in Psychology

ARTICLES:

With *Harvey A. Carr*:

Visual and vocal recognition memory. *J. Exp. Psych.*, 23:523-30. (1600)

Carnahan, David Hobart, Ph.D., Professor of French

ARTICLES:

The romantic debate in the French daily press of 1809. *Pub. Mod. Lang. Assoc.*, 53:2:475-501. (13,000)

Carter, Herbert Edmund, Ph.D., Assistant Professor of Chemistry

ARTICLES:

With *E. J. Van Loon*:

β -phenyl-naphthalene. *J.A.C.S.*, 60:1077-80. (2000)

With others:

Amide metabolism. *J. Biol. Chem.*, 123:XX. (200)

Case, Harold Clayton M., Ph.D., Professor of Agricultural Economics and Head of the Department

ARTICLES:

Farm management aspects of soil conservation. *J. Farm Econ.*, 20:1:102-15. (5000)

With *M. L. Mosher*:

Farm practices and their effects on farm earnings. *Ill. Agr. Exp. Sta. Bul.*, 444. (35,000)

With *J. Ackerman*:

Our farm tenancy problems. U. of I. Dept. of Agr. Econ. Mimeo., 867. (5000)

With *M. L. Mosher and E. G. Fruin*:

Three years' summary report of the farm bureau farm management service. *Ibid.*, 916. (12,000)

Articles (continued)

With *M. L. Mosher, W. A. Herrington, E. G. Fruin, and B. E. King*: Farm bureau farm management service reports. *Ibid.*, 863, 869. (20,000)

Chanler, Josephine Hughes, Ph.D., Associate in Mathematics

ARTICLES:

With *R. M. Thrall*:

Ternary trilinear forms in the field of complex numbers. *Duke Math. J.*, 4:4:678-90. (5200)

Chapin, Mildred Ruth, M.S., Instructor in Home Economics

ARTICLES:

With others:

Ten lessons on batters and doughs. U. of I. Dept. of Home Econ. Circ. (3000)

Chapman, Carleton Abramson, Ph.D., Associate in Geology

ARTICLES:

Geology of the Mascoma quadrangle, New Hampshire. *Geol. Soc. Amer. Bul.*, 50: 127-80. (26,000)

With *J. B. Hadley*:

Geology of the Mt. Cube and Mascoma quadrangles, New Hampshire. State Plan. and Develop. Comm., Concord, N. H., 1939. (7500)

With *R. W. Chapman*:

Cauldron subsidence at Ascutney Mountain, Vermont (abstract). *Geol. Soc. Amer. Bul.*, 49:1872-73. (250)

Chase, Herman Burleigh, Ph.D., Instructor in Zoology

ARTICLES:

Dominance in the E series of the guinea pig. *Genetics*, 24:1:67. (250)

Clark, George Lindenberg, Ph.D., D.Sc., Professor of Chemistry

ARTICLES:

Beyond the horizon of traditional chemistry. *Reg. of Phi Lambda Upsilon*, 24:2:36-41. (1800)

Analysis by x-rays of ultimate structures of living materials. *Radiologica*, 3:1-2:1-14; *Radiol.*, 30:2:180-90. (7000)

With *R. Rowan*:

The formaldehyde protein reaction. *Science*, 87:487. (150)

With *R. R. Sterrett and B. H. Lincoln*:

Chemical and physical forces in lubrication. Chapter in *Science of Petroleum*, Oxford Univ. Press, pp. 256-75. (6000)

With *S. T. Gross*:

A test of the alternative structures proposed for cellulose. *Zeit. Kristallog.*, 99:3:357-66; *Textile Res.*, 9:1:7-15. (4500)

With *S. T. Gross and W. H. Smith*:

X-ray diffraction patterns of crystalline sol rubber prepared from ethereal solutions. *J. Nat. Bur. Standards*, 22:1:105-07. (1500)

With *W. P. Tyler*:

Studies on lead oxides. II. Hydrous, normal, and active lead monoxides. *J.A.C.S.*, 61: 1:58-65. (5200)

With *S. L. Tuckey and H. A. Ruehe*:

An x-ray diffraction analysis of Cheddar cheese. *J. Dairy Sci.*, 21:12:777-89. (6500)

An x-ray diffraction analysis of casein. *Ibid.*, 21:12:767-75. (4300)

CLARK, G. L.—Articles (*continued*)

With E. A. Parker, W. E. Petzer, and G. J. Ritter:

The microstructure and the diffraction pattern of basswood ash. *J.A.C.S.*, 60:12: 2980-82. (1000)

With H. C. Sweeney and Rosalind Klaas:

The detection of crystalline silica in lung tissue by x-ray diffraction analysis. *Radiol.*, 31:3:299-307. (3600)

Clark, Joe Haller, A.M., Assistant in Chemistry

ARTICLES:

With H. R. Henze:

Keto ethers. III. β -halogenoethoxyethyl alkyl ketones derived from ethylene bromohydrin. *J. Org. Chem.*, 2:508-13. (1700)

Clark, John Wesley, M.S., Assistant in Physics

ARTICLES:

A new method for obtaining a uniform magnetic field. *Rev. Sci. Instr.*, 9:10:320-22. (2000)

Clement, John Addison, Ph.D., Professor of Education

BOOKS:

Educational significance of analysis, appraisal, and use of textbooks. Daniels Press, Champaign, Ill., 1939. 260 pp.

ARTICLES:

A study of ninth grade subjects and activities in 307 North Central Association secondary schools during 1937-1938. *North Central Assoc. Qt.*, 13:4:447-62. (4000)

Clevenger, Arthur Wilbur, A.M., High School Visitor with the Rank of Professor

BOOKS:

With P. E. Belting:

The high school at work. Rand McNally and Co., Chicago, 1939. 441 pp.

ARTICLES:

The State of North Dakota, by William Langer, Governor, plaintiff vs. the North Central Association of Colleges and Secondary schools and certain officers of the Association, defendants. *North Central Assoc. Qt.*, 13:4. (7300)

The Association—some suggestions for a continued program of service. *Ibid.*, 13:2. (2200)

The high school in transition and new challenges to secondary education. Mimeo. by Radio Station WLS, Dec. 1, 1938. (3100)

Training in the field of commerce from the point of view of the junior college. *Proc. Amer. Assoc. Collegiate Schools of Bus.*, Apr., 1938. (2700)

Coble, Arthur Byron, Ph.D., LL.D., Professor of Mathematics and Head of the Department

ARTICLES:

Cremona transformations with an invariant rational sextic. *Bul. Amer. Math. Soc.*, 45:4:285-88. (1600)

Coe, George Charles, B.S., M.D., Instructor in Medicine

See E. B. Freilich.

Cole, Arthur Gideon, Ph.D., Assistant Professor of Physiological Chemistry

ARTICLES:

Preparation and precipitin reactions of some crystallized ovalbumins. *Arch. Path.*, 26: 96-101. (2500)

REVIEWS:

The chemistry of the amino acids and proteins, edited by C. L. A. Schmidt. *J.A.M.A.*, 112:79. (400)

Cole, Warren Henry, B.S., M.D., Professor of Surgery and Head of the Department

BOOKS:

With Elman:

Textbook of general surgery (2d ed.). D. Appleton-Century Co., N. Y., 1939. 1031 pp.

ARTICLES:

The treatment of acute pancreatitis. *Internat. Abst. Surg.*, 67:31-38.

Noncalculous cholecystitis. *Surg.*, 3:6:824-39. Experimental and clinical studies on laryngeal spasm and so-called tracheal collapse. *Trans. 3d Internat. Goiter Conf., Arch. Surg.*

With L. J. Rossiter:

The relationship of lesions of the cystic duct to gallbladder disease. *Amer. J. Dig. Dis.*, 5:9:576-86.

REVIEWS:

Pediatric surgery, by E. C. Brenner. *Surg.*, 4:5:805.

Collins, W. Leighton, M.S., Assistant Professor of Theoretical and Applied Mechanics
See J. O. Draffin and T. J. Dolan.

Colman, Charles Wilson, Ph.D., Instructor in French

ARTICLES:

Jean Richepin. *Abst. of Theses, Cornell Univ.*, 1938, pp. 61-63. (1500)

Coltman, John Wesley, M.S., Assistant in Physics

ARTICLES:

With R. S. Shankland:

The departure of the overtones of a vibrating wire from a true harmonic series. *J. Acous. Soc.*, 10:3:161-66. (3500)

Converse, Paul D., A.M., Professor of Business Organization and Operation

REVIEWS:

Prices and price policies, by Walton Hamilton and others. *J. Bus.*, 12:108-10. (1050)
Public regulation of milk marketing in California, by J. M. Tinley. *J. Marketing*, 3:4:13-15. (1400)

Coombe, John Van Veghten, M.S., Special Research Assistant in Civil Engineering

See W. M. Wilson.

Copley, Michael Joseph, Ph.D., Associate Professor of Chemistry

ARTICLES:

With G. F. Zellhoefer:

The heats of mixing of haloforms and polyethylene glycol ethers. *Ibid.*, 60:1343-45. (1200)

See also C. S. Marvel.

Corbett, Willard Jason, M.S., First Assistant in Dairy Husbandry

ARTICLES:

Non-milk products for use in manufacture of ice cream. *Confectionery and Ice Cream World*, Oct. 21, 1938. (2500)

Sanitary problems in connection with the use of the homogenizer. *Milk Dealer*, Jan., 1939. (2500)

CORBETT, W. J.—Articles (continued)

Use of low-lactose milk solids in ice cream.
Ice Cream Rev., Jan., 1939. (2000)

See also P. H. Tracy.

Corbus, Budd Clarke, Jr., M.D., M.S., Instructor in Pathology

ARTICLES:

The pathology of the complications of Neisserian infection in the male and their surgical treatment. *Surg. Clin. N. Amer.*, Feb., 1939.

With B. C. Corbus, Sr.:

The serobiological control of Neisserian infections by means of the bouillon filtrate (Corbus-Ferry). *Ill. Med. J.*, Jan., 1939.

Cozzens, Arthur Bertrand, Ph.D., Instructor in Geography

ARTICLES:

Natural regions of the Ozark province. *Ann. Assoc. Amer. Geog.*, 29:1:68. (500)

Craig, Herbert Walker, M.S., Associate in Physical Education for Men

ARTICLES:

Sports interests and attitudes of students enrolled in the service curriculum in physical education at the University of Illinois. *Res. Q. Amer. Assoc. Health, Phys. Educ., Recreation*, 10:2. (2500)

Cramer, Ralph Ellsworth, M.S., Special Research Assistant Professor of Engineering Materials

See H. F. Moore.

Crandell, John Stanley, B.S., C.E., Professor of Highway Engineering

ARTICLES:

Development of brick pavements in the United States. *Public Roads*, 19:4:58. (4000)

Report on fillers for block pavements. *Proc. Permanent Internat. Road Cong.*, Belgium, 1938. (1500)

Fillers for brick and block pavements. *Roads and Road Constr.* (London), Feb. 1, 1939, pp. 45-46. (600)

Progress in research on the improvement of soil properties by the addition of granular materials, tar, asphalt, and Portland cement. *Proc. Mont. Nat. Bituminous Conf.*, Oct., 1938, pp. 170-79. (6000)

Erosion control in Illinois. *Proc. Hy. Res. Bd.*, 1938, pp. 216-18. (2100)

Report of committee on fillers and cushion courses for brick and block pavements. *Ibid.*, pp. 221-26. (800)

Crathorne, Arthur Robert, Ph.D., Professor of Mathematics

BOOKS:

With H. L. Riets:

College algebra (4th rev. ed.). Henry Holt and Co., N.Y., 1939. xvi + 298 pp.

Crist, Raymond E., Dr. es Lettres, Instructor in Geography

ARTICLES:

Some phases of human response in the French Alps. *Sci. Mo.*, 47:6:519-24. (3000)

The pulque industry—some of its social and geographic aspects. *Econ. Geog.*, 15:2:189-94. (3000)

REVIEWS:

La Mediterranee, les hommes et leurs travaux, by Charles Parain. *Econ. Geog.*, 14:4:428-29. (1000)

Reviews (continued)

Naturgeschichte der Northerns, by Leo Waibel. *Geog. Rev.*, Apr., 1939, pp. 329-30. (500)

Dalitsch, Walter William, B.S., D.D.S., M.D., Assistant Professor of Medicine and Health Officer for the Chicago Departments

ARTICLES:

Medical problems in dentistry. *Ill. Dent. J.*, 7:8:295-301. (3400)

Darrow, Chester William, Ph.D., Associate in Physiology and in Criminology, Social Hygiene, and Medical Jurisprudence
See E. Gellhorn and A. P. Solomon.

Davis, David John, M.D., Ph.D., Professor of Pathology, Head of the Department of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine

ARTICLES:

Goiter and malignant growth of the thyroid in the dog. *Arch. Path.*, 26:339-47.

Interrelations of veterinary and human medicine. *Vet. Med.*, 34:1.

Current medical events that make history. *Ill. Alumni News*, July, 1938.

Dell, George Harper, M.S., C.E., Associate in Civil Engineering

ARTICLES:

Graphics for vertical curves. *Eng. News-Rec.*, 121:15:476. (400)

Calculating the volume of a truncated spherical segment. *Civ. Eng.*, 9:2:120-21. (400)

Calculation of square root by successive approximations. *Ibid.*, 8:9:613-14. (600)

Solution of equations in structural analysis by converging increments. *Proc. A.S.C.E.*, 64:8:1587-98. (5000)

The effects of errors or variations in the arbitrary constants of simultaneous equations. *Ill. Eng. Exp. Sta. Bul.*, 309. (16,000)

DeTurk, Ernest E., Ph.D., Professor of Soil Fertility

ARTICLES:

Properties of Illinois soils which are related to their need for limestone and factors controlling the effectiveness of limestone. *Ill. Geol. Surv. Circ.*, 23:191-202. (5500)

Changes in the soil of the Morrow plots which have accompanied long-continued cropping (abstract). *Proc. Soil Sci. Soc. Amer.*, 3:83-85. (1400)

With R. H. Bray:

The release of potassium from non-replaceable forms in Illinois soils. *Ibid.*, 3:101-06. (3500)

ARTICLES EDITED:

Soil chemistry section in *Proc. Soil Sci. Soc. Amer.*, 3:77-166.

DeWolf, Frank Walbridge, B.S., Professor of Geology and Head of the Department of Geology and Geography

ARTICLES:

With W. W. West:

Stratigraphic studies of Baker-Glendive anticline, eastern Montana. *Bul. Amer. Assoc. Petroleum Geol.*, 23:461-75. (5500)

Diamond, Isadore Bernhard, M.D., Assistant Professor of Neurology and Neurological Surgery

ARTICLES:

Changes in the brain from thyrotoxicosis. *Arch. Path.*, 26:297-303.

See also G. B. Hassin.

Dickinson, Frank Greene, Ph.D., Associate Professor of Economics

ARTICLES:

'Ware the old folks. *Sat. Eve. Post*, Nov. 12, 1939. (4500)

Remarks as chairman of evening meeting on social insurance. *Proc. 6th An. Meet. Amer. Assoc. Univ. Teachers of Insurance*, Dec. 28, 1938, pp. 75-80.

REVIEWS:

Revolt against war, by H. C. Engelbrecht. *Ann. Amer. Acad. Pol. Soc. Sci.*, Sept. 1938, pp. 284-85. (1000)

The risk of unemployment and its effect on unemployment compensation. *Ibid.*, Mar., 1939, pp. 209-10. (600)

Dillavou, Essel Ray, A.M., J.D., Professor of Business Law

ARTICLES:

The Chandler Act and business. *Amer. Law Sch. Rev.*, 9:299-303. (3000)

With P. C. Roberts:

Discharge of the bankrupt under the Chandler Act. *Opinion and Comment*, Dec., 1938, pp. 8-12. (3500)

Dodge, Arthur Farwell, Ph.D., Associate Professor of Industrial Education

ARTICLES:

Rubber stamps as school projects. *Ind. Arts Voc. Educ.*, 27:6:248. (700)

Matching executive traits and abilities. *Factory*, 96:7:50-51. (1100)

What are the personality traits of the successful sales-person? *J. Applied Psych.*, 22:3:229-38. (3000)

Test of executives' traits. *Bus. Dig.*, 2:9:25-27. (1100)

Personality measuring stick. *Retailing* (exec. ed.), 11:7:14. (1900)

Dolan, Thomas James, M.S., Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

The brittle material method of determining localized stresses. *Amer. Eng. Ind.*, 15:10:484. (7000)

Simultaneous effects of corrosion and abrupt changes in section on the fatigue strength of steel. *J. Applied Mech.*, 5:4:A141. (9000)

With W. L. Collins:

Physical properties of four low-alloy high-strength steels. *Proc. A.S.T.M.*, Pt. II, 38:157. (9000)

See also F. E. Richart.

Doland, James Joseph, M.S., C.E., Professor of Civil Engineering

BOOKS:

With H. E. Babbitt:

Water supply engineering (3d ed.). McGraw-Hill Book Co., N.Y., 1939. 690 + xxiv pp.

BOOKS EDITED:

With W. W. Horner:

Low dams. National Resources Comm., Wash., D.C., 1939. 431 + xii pp.

Dolch, Edward William, Ph.D., Assistant Professor of Education

BOOKS:

With J. C. Seegers and M. R. Trabuc:

Vocabulary problems in the elementary school, a digest of current research. Scott, Foresman and Co., Chicago, 1939. 60 pp.

ARTICLES:

The vocabularies of teaching units. *Elem. Engl. Rev.*, 16:2:43-47. (2300)

Fact burden and reading difficulty. *Ibid.*, 16:4:135-38. (2000)

With Blanche Cline:

Discovering the handicapped. *Ill. Teach.*, 27:6:164. (1200)

With H. A. Curtis:

Do spelling books teach spelling? *Elem. Engl. J.*, 39:584-92.

Dollins, Curtis Walter, M.S., Special Research Assistant in Engineering Materials
See H. F. Moore.

Doob, Joseph Leo, Ph.D., Assistant Professor of Mathematics

ARTICLES:

Stochastic processes with an integral-valued parameter. *Trans. Amer. Math. Soc.*, 44:1:87-150. (36,000)

One-parameter families of transformations. *Duke Math. J.*, 4:4:752-74. (13,500)

Dorner, Herman Bernard, M.S., Professor of Floriculture

ARTICLES:

With F. F. Weinard:

Peonies—single and Japanese in the Illinois trial gardens. *Ill. Agr. Exp. Sta. Bul.*, 447, pp. 97-156. (15,000)

Downs, William Benham, D.D.S., M.S., Assistant Professor of Orthodontia

ARTICLES:

Forces of occlusion. *Ill. Dent. J.*, 7:11:426-37. (2000)

See also A. G. Brodic.

Draffin, Jasper Owen, M.S., Professor of Theoretical and Applied Mechanics

BOOKS:

The story of man's quest for water. Garrard Press, Champaign, Ill., 1939. 232 + viii pp.

ARTICLES:

Engineering history as a stimulus in research. *J. Eng. Educ.*, 29:7:514-19. (2800)

Strength of materials. *Kent's Mech. Eng. Handbook* (11th ed.), Wiley Handbook Ser., Vol. 3, Sec. 7, pp. 1-60.

With W. L. Collins:

Effect of size and type of specimen on the torsional properties of cast iron. *Proc. A.S.T.M.*, 38:2:235-48. (6500)

Dunbar, Louise Burnham, Ph.D., Assistant Professor of History

REVIEWS:

Business enterprise in the American revolutionary era, by R. A. East. *Miss. Vall. Hist. Rev.*, 25:4:558-59. (360)

Dungan, George Harlan, Ph.D., Professor of Crop Production

ARTICLES:

With W. L. Burlison:

Spring barley in Illinois, 1927-1938. *U. of I. Dept. of Agron. Mimeo.*, Jan., 1939. (1450)

Winter barley and winter oats in Illinois. *Ibid.*, Feb., 1939. (1000)

Results of oat variety tests on agronomy crop experiment fields summarized to include 1938. *Ibid.*, Jan., 1939. (750)

Performance of varieties of spring wheat in Illinois, 1927-1938. *Ibid.* (800)

Results of variety tests with winter wheats grown in 1938. *Ibid.*, Aug., 1938. (450)

DUNGAN, G. H.—Articles (continued)

With C. M. Woodworth, A. L. Lang, J. H. Bigger, R. O. Snelling:
Developments in hybrid corn production. *Ill. Farm. Instit. Reprint*, July, 1938, pp. 5-51. (10,000)

With A. L. Lang, J. H. Bigger, B. Kochler, and O. Bolin:
Illinois corn performance tests, 1938. *Ill. Agr. Exp. Sta. Bul.*, 450, pp. 227-251. (7500)

Dyniewicz, Josephine Marion, Ph.C., Instructor in Pharmacology, Materia Medica, and Therapeutics

See B. Fantus and F. Steigmann.

Ehasz, Francis Louis, M.S., Instructor in Theoretical and Applied Mechanics

REVIEWS:

J. Amer. Concr. Instit., 10:1:364; 10:2:129, 137, 138; 10:3:217, 218, 219, 220; 10:4:301, 302, 310, 10:5:426, 427, 428, 429. (3400)

Emch, Arnold, Ph.D., Professor of Mathematics, Emeritus

ARTICLES:

Ueber eine besondere Klasse von involuntorischen Cremona Transformationen und die darin invarianten algebraischen Kurven. *Comment. Math. Helvetici*, 11:115-22. (2500)

Properties of the cubic surface derived from a new normal form. *Amer. J. Math.*, 61: 115-22. (2800)

Emerson, William Stevenson, Ph.D., Instructor in Chemistry

ARTICLES:

With P. M. Walters:
The reductive alkylation of aniline. *J.A.C.S.*, 60:2023-25. (650)

See also R. C. Fuson.

Engdahl, Richard Bott, M.S., Special Research Assistant in Mechanical Engineering

See A. P. Kratz.

Englis, Duane Taylor, Ph.D., Associate Professor of Chemistry

ARTICLES:

With H. C. Becker:
Selective oxidation of levulose with potassium ferricyanide. *Ind. Eng. Chem., Anal. Ed.*, 2:3:145-50. (4500)

Erickson, Edgar L., Ph.D., Assistant Professor of History

ARTICLES:

Hunting for cotton in Dixie: from the Civil War diary of Captain Charles E. Wilcox. *J. Southern Hist.*, 4:4:493-513. (13,000)

Filming the British House of Commons sessional papers. *J. Doc. Reproduction*, 2:1: 40-41. (840)

Etheredge, Maude Lee, M.D., Dr.P.H., Professor of Hygiene and Medical Adviser for Women

BOOKS:

Health facts for college students (3d ed.). W. B. Saunders Co., Phila., 1939. 399 pp.

Ewing, Paul Leon, Ph.D., Assistant Professor of Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

Anesthesia with commercial ethylene. I. Mechanism to control oxygen supply. *Anesthesia and Analgesia*, 17:5:115-17. (300)

Fabricant, Noah Daniel, B.S., M.D., Instructor in Laryngology, Rhinology, and Otolaryngology

ARTICLES:

Incidence of malignant tumors of the head and neck: a statistical survey. *Arch. Otolaryng.*, 29:1:65-70.

Fahnestock, Maurice Kendall, M.S., Research Associate Professor of Mechanical Engineering

See A. P. Kratz.

Fairbanks, Berthier Wesley, Ph.D., Professor of Swine Husbandry

ARTICLES:

Why nutrition. *N. Amer. Vet.*, 19:5:24-38. (1800)

Biological scientific meeting in Baltimore. *Ibid.*, 19:6:39-43. (1900)

The digestion of crude fiber. *Ibid.*, 19:8:15-19. (1700)

Recent contributions of the nutrition chemist. *Ibid.*, 19:9:46-50. (1800)

What do you mean—proteins? *Ibid.*, 19:10: 36-39. (1400)

Meeting of the poultry science association. *Ibid.*, 19:11:31-35. (1700)

What are we to believe about minerals? *Ibid.*, 19:12:47-52. (2000)

The calcium-phosphorus ratio. *Ibid.*, 20:1: 17-21. (1900)

Roughage for livestock. *Ibid.*, 20:2:31-36. (2000)

Cobalt in nutrition. *Ibid.*, 20:3:33-38. (2600)

With H. H. Mitchell:

The availability of calcium in spinach, in skim milk powder, and in calcium oxalate. *J. Nutr.*, 16:1:79-89. (3500)

With D. A. Magraw and L. E. Copeland:

An improved and modified Evenson color test for "remade milk." *J. Dairy Sci.*, 21:10:633-38. (1200)

Fairlie, John Archibald, Ph.D., Professor of Political Science and Head of the Department

REVIEWS:

The Colonial Office, by H. L. Hall; Social and cultural dynamics, by P. A. Sorokin; The social services, The public services, by W. H. Wickwar; British social services, British health services; Public health Services, by Norman Wilson. *Amer. Pol. Sci. Rev.*, 32:563, 1168; 33:313. (2500)

Falls, Frederick Howard, M.S., M.D., Professor of Obstetrics and Gynecology and Head of the Department

ARTICLES:

With G. F. Hibbert:

Further observations on the role of streptococcus in so-called trichomonas vaginalis vaginitis. *Amer. J. Obstet. Gyn.*, 36:2: 219-29. (4500)

Fantus, Bernard, M.D., M.S., Professor of Therapeutics

BOOKS:

Year book of general therapeutics for 1938. Year Book Publishers, Chicago, 1939.

ARTICLES:

Therapeutics committee of a hospital. *Hosp. Management*, 46:4:42. (1200)

Use of hypnotics. *Amer. J. Nursing*, 38: 1109-12. (2000)

Therapy of Cook County Hospital: therapy of goiter and of hyperthyroidism. *J.A.M.A.*, 110:1916-20. (4000)

FANTUS, BERNARD—Articles (continued)

With *Josephine Dyniewicz*:

Phenolphthalein studies: therapy of overdosage. *Ibid.*, 110:1656-58. (2000)

With *Elizabeth H. Schirmer*:

Therapy of the Cook County Hospital: blood preservation technic. *Ibid.*, 111:317-21. (4000)

With *L. Seed and E. Schirmer*:

Reactions to blood transfusion; attempt at etiologic classification; therapy based thereon. *Arch. Path.*, 26:160-64. (3000)

With *H. A. Dyniewicz*:

Cuticular preparations. *J.A.Ph.A.*, 27:878-88. (5000)

With *A. Bachem*:

Evaluation of skin protection against ultraviolet rays. *Arch. Phys. Ther.*, 20:69-76. (3400)

Faucett, Max Albert, M.S., E.E., Assistant Professor of Electrical Engineering

BOOKS:

With *J. O. Krachenbuehl*:

Circuits and machines in electrical engineering. John Wiley and Sons, N.Y., 1939. 691 pp.

Faye, Christopher Urdahl, A.M., M.S., Cataloger in the Library

ARTICLES:

Iceland's Paul Gerhardt. *Lutheran Sentinel*, 21:286-87. (1100)

130 catalog cards for monographs in foreign serial publications. Printed by the Library of Congress. (26,400)

Feder, Daniel Dunn, Ph.D., Assistant Professor of Psychology and Assistant Director of the Personnel Bureau

ARTICLES:

Essential elements of diagnosis in student personnel work. *Rpt. 15th An. Meet. Amer. Coll. Personnel Assoc.*, 1938, pp. 25-29. (2700)

Improved personnel activities. *J. Higher Educ.*, 9:6:313-18. (2800)

Comprehension maturity tests—a new technique in mental measurement. *J. Educ. Psych.*, Nov., 1938, pp. 597-606. (3500)

Motivation patterns in personality with reference to counseling (abstract). *Hazen Conf. Student Guidance and Counseling*, Oct., 1938, pp. 37-39. (960)

An analysis of some factors which condition achievement at the college level (abstract). *Res. Foundations Amer. Educ. Rpt.*, 1939, pp. 86-87. (1000)

With *D. L. Adler*:

Predicting the scholastic achievement of engineering students. *J. Eng. Educ.*, 29:5:380-85. (1750)

With *G. F. Kay*:

Some effects of curriculum adjustment at the college level for students low in scholastic aptitude. *Sch. and Soc.*, 47:1224:772-76. (2800)

Feldman, Louis, B.S., M.D., Associate in Medicine

ARTICLES:

With *I. M. Trace*:

Subacute bacterial endocarditis following the removal of teeth and tonsils. *Ann. Int. Med.*, 11:12:2124-32. (5000)

With *I. Davidsohn and G. Danelius*:

The so-called superior pulmonary sulcus tumor. *Ibid.*, 12:9:1507-25. (6000)

Fellows, Julian Robert, M.S., Assistant Professor of Mechanical Engineering

ARTICLES:

A hand fired device for burning bituminous coal smokelessly in the domestic field. *Ill. Geol. Surv. Circ.*, 23A:31-33. (800)

A down draft conversion burner for domestic furnaces. *Mech. Eng.*, 61:4:278-80. (2000)

Power savings through static pressure regain in air ducts. *Heating, Piping, Air Conditioning*, 11:4:219-21. (2500)

Fett, Gilbert Howard, M.S., Instructor in Electrical Engineering

BOOKS:

With *A. R. Knight*:

Introduction to circuit analysis. Stipes Publishing Co., Champaign, Ill., 1939. 150 pp.

ARTICLES:

Sharp cut-off in vacuum tubes. *Elec. Eng.*, 57:432-33. (1000)

Ignition potential in a low pressure neon tube. *Phys. Rev.*, 54:389-90. (1500)

Finch, Frank Herschel, Ph.D., Assistant Professor of Education

ARTICLES:

Getting (the tuberculous patient) back to work. *Everybody's Health*, 23:8. (900)

With *M. E. Odoroff*:

Sex differences in vocational interests. *J. Educ. Psych.*, 30:151-56. (1500)

Fischer, Walter Rathfon, B.S., M.D., Instructor in Orthopaedics

ARTICLES:

Fracture of the scapula. *J. Bone and Joint Surg.*, 21:2:459-61.

Fishman, Louis Zolo, M.D., M.S., Associate in Laryngology, Rhinology, and Otology

ARTICLES:

Laryngology and diseases of the neck. *Cyclopedia of Medicine, Supp.*, F. A. Davis and Co., Phila., 1938. (4000)

Fletcher, Harris Francis, Ph.D., Professor of English

ARTICLES:

Milton's Homer. *J. Engl. Germ. Philol.*, 38:229-32. (1250)

Small film photography and the textual scholar. *J. Microphotog.*, Winter, 1938. (5000)

REVIEWS:

The works of John Milton (Columbia Milton). *J. Engl. Germ. Philol.*, 38:147-52, 291-300. (2700)

Flom, George T., Ph.D., Professor of Scandinavian Languages and English Philology, Emeritus

ARTICLES:

The drama of Norse mythology. *Scand. Studies and Notes*, 15:135-57. (8000)

REVIEWS:

Fra Rask til Wimmer. *J. Engl. Germ. Philol.*, 38:308-10. (650)

Cognition and volition in language, by H. Muilder. *Ibid.*, 38:310-11. (375)

De fynske bonders Sprog, by Rasmus Rask. *Ibid.*, 38:328-29. (500)

Florio, Aurelio Eugene, A.M., Instructor in Physical Education for Men

ARTICLES:

Bowling, a part of college curriculum. *Amer. Bowling Cong. Bul.*, 5:18:1. (2400)

See also *C. O. Jackson*.

Flynn, Charles Everette, A.M., Instructor in Journalism and Assistant to the Director of the School of Journalism

ARTICLES:

Fighting Illini earned name in 1921. *Champaign News-Gazette*, 44:103:11. (675)

Fogle, Stephen Francis, A.M., Assistant in English

ARTICLES:

Notes on Ambrose Philips. *Mod. Lang. Notes*, 54:5:354-59. (2200)

Fox, Noah, B.S., M.D., Associate in Laryngology, Rhinology, and Otology

ARTICLES:

Irrigation by posterior suction. Its use in treatment of subacute and early chronic posterior sinusitis. *Arch. Otolaryng.*, 29: 263-68.

Fraser, Wilber John, M.S., Professor of Dairy Farming, *Emeritus*

ARTICLES:

Basic requirements of economical feeding. *Hoard's Dairyman*, 83:19:487. (1200)

Roll down the rich roughage. *Ibid.*, 83:22: 569. (1700)

Give pasture a chance. *Ibid.*, 83:23:593. (1600)

Nine pounds grain a day is enough. *Ibid.*, 83:24:619. (2300)

The stall-less stable. *Ibid.*, 84:1:21. (800)

Less grain, less work, more profit. *Ibid.*, 84:2:35. (2200)

More about pasturing alfalfa. *Ibid.*, 84:8: 220. (625)

Stabling cows loose. *Ibid.*, 84:8:249. (2300)

Freeman, Mrs. Ruth Crawford, M.S., Associate in Home Accounts

ARTICLES:

With Irene Crouch:
Illinois home account summary, 1938, (365 farm family records). U. of I. Dept. of Home Econ. Mimeo.

Illinois home account summary, 1938, (105 town family records). *Ibid.*

Freilich, Ellis Benjamin, M.D., Associate Professor of Medicine

ARTICLES:

With G. C. Coe:

The treatment of pneumonia. *Ill. Med. J.*, 74:80-85; *Internat. Med. Dig.*, 33:83. (4000)

French, Thomas M., A.B., M.D., Assistant Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

Defense and synthesis in the function of the ego; some observations stimulated by Anna Freud's "The ego and the mechanisms of defense." *Psychoanal. Qt.*, 7:4.

With M. Grotjahn:

Akinesia after ventriculography; a contribution to ego psychology and the problems of sleep. *Ibid.*, 7:3.

Frenz, Horst, Dr.phil., Assistant in German

BOOKS:

Die Entwicklung des sozialen Dramas in England vor Galsworthy. Carl Nieft, Bleicherode am Harz, 1938. 69 pp.

REVIEWS:

The unpublished letters of Bayard Taylor in the Huntington Library, edited by J. R. Schultz. *Zeits. Nuesprach. Unter.*, 37:5: 328-30. (1050)

Fuelleman, Robert Francis, Ph.D., Assistant in Crop Production

ARTICLES:

Renovation and its effect on the populations of weeds in pastures. *Amer. Soc. Agron.*, 30:7:616-23. (2000)

Alsike clover. U. of I. Dept. of Agron. Mimeo., Mar., 1939. (1900)

Ladino clover. *Ibid.*, Jan., 1939. (1350)

Fuller, Harry James, Ph.D., Assistant Professor of Botany

BOOKS:

Outlines of economic botany. Stipes Publishing Co., Champaign, Ill., 1939. 50 pp.

With Oswald Tippo:

Laboratory manual for general botany. *Ibid.*, 1938. 65 pp.

ARTICLES:

Bark growth in tropical trees. *Trans. Ill. Acad. Sci.*, 31:99-101. (1000)

With J. H. Hanley:

Effects of indole-butyric acid on the production of roots by cuttings of annuals. *Ibid.*, 31:94-95. (950)

Fuson, Reynold Clayton, Ph.D., Professor of Organic Chemistry

BOOKS:

With Others:

Organic syntheses (vol. 18). John Wiley and Sons, N. Y., 1938, v + 103 pp.

ARTICLES:

With R. E. Christ:

The application of the principle of vinylogy to unsaturated ketones. *J.A.C.S.*, 59:893-97. (2800)

With W. E. Ross:

The action of methylmagnesium bromide on 2, 4, 6-Trichlorobenzoyl chloride. *Ibid.*, 59:1508-10. (1800)

With G. E. Ulliot and A. J. Gehrt:

Beta-methoxy-beta-mesitylacrylonitriles. *Ibid.*, 60:1199-1201. (1800)

With Wayne Cole:

Application of the cyano ester ring closure to five- and six-membered rings. *Ibid.*, 60: 1237-39. (1200)

With G. E. Ulliot, R. F. Stedman, and P. O. Tawney:

The reaction of phenylmagnesium bromide with beta-methoxy-beta-mesitylacrylonitriles. *Ibid.*, 60:1447-50. (2500)

With Robert Johnson and Wayne Cole:

A synthesis of 3-benzoyl-2-phenylcyclopentanone. *Ibid.*, 60:1594-95. (1300)

With W. E. Lundquist:

The mechanism of the cleavage of ethyl alpha, alpha'-dibromoadipate by diethylamine. *Ibid.*, 60:1889-93. (2700)

With C. L. Fleming and Robert Johnson:

2-phenyl-4-benzoylfuran. *Ibid.*, 60:1994-97. (2800)

With Joseph Corsc:

The coupling action of the Grignard reagent. VI. A new synthesis of hexaalkylbenzils. *Ibid.*, 60:2063-66. (2200)

With J. H. Van Campen and D. E. Wolf:

The action of methylmagnesium halides on 2, 4, 6-trisubstituted benzoyl chlorides. *Ibid.*, 60:2269-72. (3000)

With R. T. Arnold and H. G. Cooke, Jr.:

Reformatsky condensations involving vinylogs of haloacetic esters. *Ibid.*, 60:2272-73. (1300)

Fuson, R. C.—Articles (continued)

With J. R. Little and Gail Miller:

The action of sodium cyanide on 1, 3-dibromo-1, 3-dibenzoylpropane. *Ibid.*, 60: 2404-09. (3700)

With W. E. Ross and C. H. McKeever:

The condensation of para-formaldehyde with aromatic ketones. *Ibid.*, 60:2935-36. (1600)

With G. E. Ulyot and J. L. Hickson:

Benzoylmesitylacetylene. *Ibid.*, 60:410-12. (2000)

With William S. Emerson and H. H. Weinstein, Jr.:

The synthesis of mixed benzoin. *Ibid.*, 61: 412-13. (1200)

With W. E. Ross and C. H. McKeever:

The condensation of paraformaldehyde with aromatic ketones. II. Mesityl ketones. *Ibid.*, 61:414-17. (3000)

With W. S. Emerson and Hugh Gray:

Arylglyoxals and steric hindrance. *Ibid.*, 61: 480-82. (1700)

With Joseph Corse:

Diarylacetylene glycols. A new type of ene-diol. *Ibid.*, 61:975. (300)

Gaines, Walter Lee, Ph.D., Professor of Milk Production

ARTICLES:

Nutrients for lactation, working maintenance, and gain in live-weight in American dairy cows. *J. Dairy Sci.*, 21:585-92. (4000)

Feed units for lactation, working maintenance, and gain in live-weight in Danish dairy cows. *Ibid.*, 21:645-50. (3000)

Live weight and milk-energy yield in the Wisconsin dairy cow competition. *Ibid.*, 22:49-53. (3000)

With O. R. Overman:

Interrelations of milk-fat, milk-protein, and milk-energy yield. *Ibid.*, 21:261-71. (5000)

Gant, Virgil Arnett, Ph.D., Associate in Pharmacology, Materia Medica, and Therapeutics

ARTICLES:

Lead poisoning. *Ind. Med.*, 7:10:608-22; 7:11:679-99. (33,000)

Gathercoal, Edmund Norris, Pharm.M., Professor of Pharmacognosy

ARTICLES:

The quantitative determination of volatile oils in vegetable drugs. *J.A.Ph.A.*, 27:5: 385-92. (5600)

Liquor antisepticus. *Ibid.*, 27:6:471-74. (1600)

Address of the president. *Ibid.*, 27:11. (5200)

Bul. Nat. Formulary Comm., 7:1-255.

Gellhorn, Ernst, M.D., Ph.D., Professor of Physiology

ARTICLES:

Experimental investigations on the influence of hypoglycemia on the central nervous system and their significance for the treatment of dementia praecox. *Proc. Instit. Med. Chicago*, 12:146-47. (480)

Effects of hypoglycemia and anoxia on the central nervous system. *Arch. Neurol. Psychiat.*, 40:125-46. (9000)

With A. Coffee:

Experiments on the interaction of hypoglycemia and anoxia. *Proc. Amer. Physiol. Soc.*, Apr., 1939, p. 51. (240)

With C. W. Darrow:

A study of simultaneous reactions of different autonomic indicators. *Amer. J. Physiol.*, 123:49-50. (450)

Articles (continued)

Inhibitory effects of adrenalin on autonomic function. *Proc. Soc. Exp. Biol. Med.*, 40: 487-88. (270)

Antagonism of adrenalin to the autonomic effects of metrazol. *Proc. Amer. Physiol. Soc.*, Apr. 1939, p. 58. (330)

With R. C. Ingraham:

Role of adrenals in blood pressure reaction to anoxia during insulin hypoglycemia. *Proc. Soc. Exp. Biol. Med.*, 40:315-19. (1400)

The influence of anoxia on the pH in the brain. *Proc. Amer. Physiol. Soc.*, Apr., 1939, pp. 127-28. (150)

With R. C. Ingraham and L. Moldavsky:

The influence of hypoglycemia on the sensitivity of the central nervous system to oxygen want. *J. Neurophysiol.*, 1:301-12. (3800)

With S. H. Kraines:

The effects of insulin hypoglycemia on the blood pressure response to oxygen deficiency in man. *Amer. J. Psychiat.*, 95: 1067-75. (2250)

With I. E. Steck:

The effect of the inhalation of gases with a low oxygen and an increased carbon dioxide-tension on the peripheral blood flow in man. *Amer. J. Physiol.*, 124:735-41. (2800)

With L. F. M. Storm:

The influence of hyperventilation and of variations of oxygen and carbon dioxide in the inspired air upon galvanic nystagmus. *Acta Oto-Laryngol.*, 26:378-403. (4900)

With B. Ury:

On the influence of anoxia on pupillary reflexes in the rabbit. *J. Neurophysiol.*, 2: 136-41. (2250)

Gershon, Solomon D., Ph.D., Instructor in Chemistry

ARTICLES:

With J. W. E. Glattfeld:

The catalytic dehydrogenation of sugar alcohols. *J.A.C.S.*, 60:2013-23. (6000)

Gieseke, John Eldon, Ph.D., Assistant Chief in Soil Physics and Soil Survey

ARTICLES:

The mechanism of cation exchange in the Mont-morillonite-beidellite-nonttronite type of clay minerals. *Soil Sci.*, 47:11-13. (1750)

Gitelson, Maxwell, B.S., M.D., Assistant Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

Clinical experience with play therapy. *Amer. J. Orthopsychiat.*, 8:3:466-77.

Play therapy. *Ibid.*, 8:3:499-524.

Glasoe, Paul Kirkwood, Ph.D., Instructor in Chemistry

See L. F. Audrieth.

Glassman, Jacob Abraham, M.D., M.S., Assistant in Anatomy

ARTICLES:

A new aseptic double-valved tubogastrostomy. *Surg. Gyn. Obstet.*, 68:789-91. (1200)

Goble, George Washington, A.B., LL.B., Professor of Law

REVIEWS:

Automobile liability insurance, by J. A. Appleman. *Ill. Law Rev.*, 33:2:242-43. (1250)

GOBLE, G. W.—Reviews (*continued*)

Readings in jurisprudence, by Jerome Hall.
La. Law Rev., 1:2:469-70. (600)

Goldhaber, Moritz, Ph.D., Assistant Professor of Physics

ARTICLES:

With R. D. Hill and Leo Szilard:

Nuclear excitation by neutrons. *Phys. Rev.*, 55:47; *Nature*, 142:521.

With G. B. Collins and others:

Nuclear excitation of indium by x-rays. *Phys. Rev.*, 55:507.

With R. D. Hill, P. G. Kruger, and F. W. Stallmann:

The disintegration of boron by slow neutrons (abstract). *Bul. Amer. Phys. Soc.*, Apr., 1939.

Goldman, Marcus Selden, Ph.D., Assistant Professor of English and Counselor in the Personnel Bureau

REVIEWS:

Sir Philip Sidney as a literary craftsman, by K. O. Myrick. *J. Engl. Germ. Philol.*, 38:136-41. (2000)

Cardinal Newman and William Froude, by G. H. Harper. *Ibid.*, 38:157-59. (900)

Gotshalk, Dilman Walter, Ph.D., Associate Professor of Philosophy

REVIEWS:

Reality and value, by A. C. Garnett. *Phil. Rev.*, 48:4:449. (250)

Gowen, G. Howard, M.D., Ph.D., Instructor in Bacteriology and Public Health

ARTICLES:

Milk sickness. *Ill. Med. J.*, 74:447-52. (1700)

Graham, Walter James, Ph.D., Professor of English

ARTICLES:

Addison's purchase of Bilton Hall. *Notes & Queries*, 175:272-73. (850)

With C. W. Roberts, W. G. Johnson, and others:

The romantic movement: a selective and critical bibliography for the year 1938. *Engl. Lit. Hist.*, 6:1:1-38.

REVIEWS:

The general magazine and historical chronicle for all the British plantations in America. (Benjamin Franklin). *New England Qt.*, 11:3:667. (140)

Gray, Horace Montgomery, Ph.D., Associate Professor of Economics, and Assistant Dean of the Graduate School

ARTICLES:

With others:

Report of the committee on progress in public utility regulation. *Nat. Assoc. Railroad and Utility Commissioners*, pp. 9, 70-72. (1500)

REVIEWS:

The Tennessee Valley Authority: a national experiment in regionalism, by C. L. Hodge. *Amer. Econ. Rev.*, 28:806-07. (500)

Service charges in gas and electric rates, by H. F. Havlick. *Ibid.*, 28:813. (200)

Griffith, Coleman Roberts, Ph.D., Professor of Education and Director of the Bureau of Institutional Research

BOOKS:

Psychology applied to teaching and learning. Farrar and Rinehart, N. Y., 1939. 650 pp.

Gross, Siegfried Theodore, Ph.D., Instructor in Chemistry

See G. L. Clark.

Gullette, Cameron C., Ph.D., Assistant Professor of French

BOOKS:

With L. C. Keating:

Learning a modern language. F. S. Crofts, N. Y., 1938. 24 pp.

ARTICLES:

Modern foreign languages in a social study program with special reference to the training of modern language teachers. *Mod. Lang. J.*, 23:4:291-96. (2700)

REVIEWS:

An analytical bibliography of modern language teaching, by Clara B. King and Algernon Coleman. *Italica*, 15:4:242. (400)

Habberton, William, Ph.D., Assistant Professor of Education and Head of the Department of Social Studies in University High School

BOOKS:

Assignments in ancient and medieval history. Stipes Publishing Co., Champaign, Ill., 1938. 42 pp.

With C. W. Sanford and Liesette J. McHarry: Manual for practice teaching. *Ibid.*, 1939. 71 pp.

Hackett, Robert Phillip, Ph.D., Assistant Professor of Accountancy and Assistant Dean of the College of Commerce

ARTICLES:

Government accounting in the education of the public accountant. *Acct. Rev.*, 13:4:390-92. (1400)

Hackleman, Jay Courtland, A.M., Professor of Crops Extension

ARTICLES:

Reports on strip tests—hybrid and open pollinated corn in Illinois, 1938. U. of I. Dept. of Agron. Mimeo., Feb., 1939.

With E. D. Walker:

Five steps in pasture improvement. *Ibid.*, Apr., 1939. (3500)

Hagan, Charles Banner, Ph.D., Assistant Professor of Political Science

ARTICLES:

The act of state. *Minn. Law Rev.*, 23:446-83. (16,000)

Hague, Stella Mary, Ph.D., Associate in Botany

With Flossie T. Marshall:

Basilcladia in Illinois. *Trans. Ill. Acad. Sci.*, 31.

With R. V. Drexler:

Some recent collections of Illinois liverworts. *Ibid.*

Hall, B. Rupert, Associate in Mechanical Engineering, *Emeritus*

BOOKS:

With H. E. Kiley:

Pattern design. Internat. Textbook Co., Scranton, Pa., 1939. 193 pp.

Hamlin, Herbert McNee, Ph.D., Professor of Agricultural Education

ARTICLES:

Teachers of agriculture: agriculturists or educators? *Agr. Educ. Mag.*, 10:203.

HAMLIN, H. M.—Articles (*continued*)

Training teachers for evening-school work. *Ibid.*

A service-point plan which works. *Ibid.*, 11:36.

With W. G. Baysinger:

Basing teaching on the supervised practice program. Ill. Bd. Vocational Educ. Mimeo. 72, Springfield, 1938. 25 pp.

Hansen, Edwin LeRoy, B.S., Assistant in Agricultural Engineering

See R. R. Parks.

Hark, Fred William, B.S., M.D., Assistant Professor of Orthopaedics

ARTICLES:

Scoliosis. *Surg. Clin. N. Amer.*, Feb., 1939, pp. 137-47. (2250)

Harman, Cameron Gerald, Ph.D., Instructor in Ceramic Engineering

ARTICLES:

Forming clay ware by hot-pressing makes new products possible. *Brick & Clay Rec.*, 94:1:15. (1750)

Harno, Albert James, B.S., LL.B., LL.D., Professor of Law, Dean of the College of Law, and Provost

ARTICLES:

About law and lawyers. *Commercial Law J.*, 43:6:167-68; *Reporter*, 23:2-3:19-21. (1500)

REVIEWS:

May's criminal law (4th ed.), by K. C. Sears and H. Weihofen. *J. Criminal Law and Criminol.*, 29:5:770-71. (550)

Harrell, Thomas Willard, Ph.D., Assistant Professor of Psychology

ARTICLES:

Predicting success of law school students. *Amer. Law Sch. Rev.*, 9:3:290-92. (900)

Harshbarger, Kenneth E., B.S., Assistant in Dairy Production

See W. B. Nevens.

Hassin, George Boris, M.D., Professor of Neurology

ARTICLES:

Disseminated encephalomyelitis (meningo-encephalomyeloradiculitis) versus multiple sclerosis. *Arch. Neurol. Psychiat.*, 40:6:111-25. (5500)

Neurology in Vienna, Austria, at the dawn of the present century. *J. Mt. Sinai Hosp., N. Y.*, 5:4:213-18. (500)

With H. G. Poncher:

Dystoma musculorum deformans. *Amer. J. Dis. Children*, 57:1:105-15. (7000)

With I. B. Diamond:

Silver cells and spirochete-like formations in multiple sclerosis. *Arch. Neurol. Psychiat.*, 40:3:471-83. (4000)

Hayes, William Patrick, Ph.D., Professor of Entomology

ARTICLES:

A bibliography of keys for the identification of immature insects. *Entom. News*, 49:246-51; 50:5-10; 50:76-82. (3800)

With J. D. DeCoursey:

Observations on grasshopper parasitism in 1937. *J. Econ. Entom.*, 31:4:519-22. (1200)

REVIEWS:

Der Kornkäfer (*Calendra granaria*) Biologie und Bekämpfung, by K. T. Anderson. *Ibid.*, 31:784. (300)

Hayner, Charlotte Irene, A.B., B.L.S., Associate in Library Science

ARTICLES:

School libraries in small communities, particularly the centralized school. *Ill. Lib.*, 20:12:52-54. (1500)

Hecht, Rudolph, M.S., M.D., Instructor in Medicine

ARTICLES:

Studies on the chemistry and immunology of ragweed pollen proteins. *Proc. Soc. Exp. Biol. Med.*, 39:588-90. (1500)

The treatment of infantile eczema: from the viewpoint of the allergist. *J.A.M.A.*, 112:317-22. (5500)

Herrick, Marvin Theodore, Ph.D., Assistant Professor of English

REVIEWS:

The complete Greek drama, edited by W. J. Gates and Eugene O'Neill. *Class. Weekly*, 32:198-99. (1000)

Herrold, Russell Dorr, B.S., M.D., Associate Professor of Surgery

ARTICLES:

Present status of the oral administration of urinary antiseptics. *Urol. Cutan. Rev.*, 42:555. (2100)

The value of sulfanilamide in urology. *Chicago Med. Soc. Bul.*, 41:250. (500)

With Edward Palmer:

The influence of sulfanilamide on gonococci and gonococcal infections. *Amer. J. Syph. Gonorr. Ven. Dis.*, 22:705. (3000)

With C. I. Woolsey:

Observations on guinea pigs given intracutaneous injections of tuberculous exudates. *Arch. Path.*, 26:374. (750)

With S. J. Hoffman, M. Schneider, and M. L. Blatt:

Sulfanilamide in the treatment of gonorrheal vulvovaginitis. *J.A.M.A.*, 110:1541. (3200)

Hibbert, George Fielding, M.D., M.S., Instructor in Obstetrics and Gynecology

See F. H. Falls.

Hick, Ford Kimmel, M.D., Ph.D., Assistant Professor of Medicine

See R. W. Keeton.

Higgins, John A., D.D.S., Instructor in Pharmacology, Materia Medica, and Therapeutics

ARTICLES:**With R. A. McGuigan:**

The influence of calcium salts on digitalis action. *J. Lab. Clin. Med.*, May, 1938, pp. 839-44. (750)

Hine, Maynard K., D.D.S., M.S., Assistant Professor of Pathology and Therapeutics

ARTICLES:**With B. G. Bibby:**

Variations in the oral flora from time to time. *J. Dent. Res.*, 18:61. (1500)

The bacteriologic study of carious cavities. *J. Amer. Dent. Assoc.*, 25:1934. (400)

With B. G. Bibby and O. W. Clough:

The antibacterial action of human saliva. *Ibid.*, 25:1290. (3200)

REVIEWS:

Dental histology and embryology, by F. B. Noyes, I. Schour, and H. J. Noyes. *Alumni Bul. (U. of I. Coll. Dent.)*, 22:1:4. (300)

HINE, M. K.—Reviews (*continued*)

- Textbook of periodontia, by S. C. Miller. *Ibid.*, 22:1:7. (200)
Tissue reactions in bone and dentin, by A. Wilton. *Bul. Chi. Dent. Soc.*, 18:46:14. (250)
Histopathology of the teeth and their surrounding structures, by R. Kronfeld. *Ibid.*, 19:42:10. (200)

Hirschberg, Nell, Ph.D., Instructor in Bacteriology and Public Health

ARTICLES:

- Sputum typing in pneumonia in infants. *Arch. Pediat.*, 55:521. (1000)
A study of the types of *Corynebacterium diphtheriae*. *Ibid.*, 55:710. (750)

See also Lloyd Arnold.

Hoffman, Murray Mitchell, D.D.S., M.S., Instructor in Histology

See Isaac Schour.

Holinger, Paul Henry, M.S., M.D., Associate in Laryngology, Rhinology, and Otology

ARTICLES:

- Bronchoscopy in postoperative pulmonary complications. *Surg. Clin. N. Amer.*, 18: 237-48.
Bronchoscopy in relation to diseases of the respiratory tract. *Ill. Med. J.*, 74:228-32.
Diagnosis and treatment of diseases of the esophagus. *Miss. Doctor*, 15:51-57.
Role of inflammatory bronchial stenosis in the etiology of bronchiectasis. *Ann. Otol. Rhinol. Laryngol.*, 47:1070-82.

With M. DeBakey:

- Bronchoscopic aspects of early bronchiectasis. *Dis. Chest*, Feb., 1939.

With A. H. Andrews:

- Laryngotracheobronchitis. *Southwestern Med.*, 22:174-78.
Suction, battery, and oxygen unit for the bronchoscopic operating room. *Ann. Otol. Rhinol. Laryngol.*, 47:824-25.

With J. Brennemann and others:

- Acute laryngotracheobronchitis. *Amer. J. Dis. Children*, 55:667-93.

Hood, Marion, Ph.D., Associate in Medicine

ARTICLES:

With S. W. Olson:

- Trichinosis in the Chicago area. *Amer. J. Hyg.*, 29:2:51-56. (1700)

Hopkins, B. Smith, Ph.D., D.Sc., Professor of Inorganic Chemistry

BOOKS:

With R. E. Davis and others:

- Chemistry and you. Lyons and Carnahan, Chicago, 1939. 802 pp.
The chemistry of the less familiar elements. Stipes Publishing Co., Champaign, Ill., (11 chapters published 1938-1939). 260 pp.

ARTICLES:

- The wisdom of trying to teach the Brönsted nomenclature (in the high school). *Sch. Sci. Math.*, 39:1:39-45. (2800)

Horberg, C. Leland, Ph.D., Instructor in Geology

BOOKS:

- The structural geology and physiography of the Teton Pass area, Wyoming. Augustana Lib. Pub., No. 16, Rock Island, Ill., 1938. 86 pp.

Howard, Mrs. Jessie, B.S., Research Assistant in the Provost's Office

ARTICLES:

- The teaching of freshman rhetoric in colleges and universities: a summary of recent literature. Mimeo., Apr., 1939. (19,000)

Howe, John Stewart, A.B., M.D., Assistant Professor of Pathology

ARTICLES:

- Bacillema in experimental tuberculosis; a preliminary report. *Arch. Path.*, 26:758. (400)
Some pathological-physiological factors in the activation of tuberculous lesions. *Trans. Nat. Tuberc. Assoc.*, 1938. (1000)
Occurrence of sporadic bacillema in experimental tuberculosis in dogs. *Proc. Soc. Exp. Biol. Med.*, 40:509. (1000)

Hoy, Harry Eugene, A.M., Assistant in Geography

ARTICLES:

- Blue Mountain coffee of Jamaica. *Econ. Geog.*, 14:4:409-12. (1600)
A study of minimum temperatures during spring and autumn at Lincoln, North Platte, and Scottsbluff, Nebraska. *Mo. Weather Rev.*, Apr., 1939. (2800)

Hudelson, Robert R., Ph.D., Professor of Agricultural Economics and Assistant Dean of the College of Agriculture

BOOKS:

- Farm management. Macmillan Co., N. Y., 1939. 396 pp.

Huegy, Harvey Wilborn, Ph.D., Assistant Professor of Business Organization and Operation

BOOKS:

- Credit problems. Stipes Publishing Co., Champaign, Ill., 1939. 73 pp.

ARTICLES:

- Personal credit in business development. *Savings and Loans*, 13:7:9-10. (1000)

With A. H. Winakor:

- Automobile finance company flexibility. *Bankers Mo.*, 55:11:658-59. (2000)

Huelsen, Walter A., M.S., Professor of Olericulture

ARTICLES:

- Problems in growing tomatoes in Illinois. *Ill. Agr. Exp. Sta. Circ.*, 491. 48 pp. (18,000)
Wilt resistant tomato varieties. *Ibid.*, 490. 22 pp. (5000)

Huelster, Laura Jewel, A.M., Assistant Professor of Physical Education for Women

ARTICLES:

- Amateur motion picture projects. *J. Health and Phys. Educ.*, 9:8:494. (2000)
Learning to analyze performance. *Ibid.*, 10: 2:84. (1500)
Recording camp life in amateur motion pictures. *Camping Mag.*, 11:5:111. (1900)

Hunt, Madison, Ph.D., Special Research Assistant in Chemistry

ARTICLES:

With Vincent du Vigneaud:

- The synthesis of the next higher and lower homologues of L-carnosine: γ -aminobutyryl-L-histidine and glycyl-L-histidine. *J. Biol. Chem.* 127:1:43-48. (1000)

HUNT, MADISON—Articles (continued)

A preliminary study of β -1-aspartyl-1-histidine as a possible biological precursor of 1-carnosine. *Ibid.*, 125:1:269-74. (800)

The preparation of d-alanyl-1-histidine and 1-alanyl-1-histidine and an investigation of their effect on the blood pressure in comparison with 1-carnosine. *Ibid.*, 124:3: 699-707. (2500)

With Vincent du Vigneaud and W. I. Patterson:

Opening of the ring of the thiolactone of homocysteine. *Ibid.*, 126:1:217-31. (3500)

See also Roger Adams.

Hunter, Merlin Harold, Ph.D., Professor of Economics and Head of the Department

ARTICLES:

State finances. *Amer. Yr. Bk.*, 1939, pp. 227-32. (4000)

Are taxes as bad as that? *Kiwanis Mag.*, 24: 272-73. (3000)

Illinois state and local tax system. *Tax Systems of the World* (7th ed.), p. 32.

Huntington, Whitney Clark, M.S., C.E., Professor of Civil Engineering and Head of the Department

ARTICLES:

Structural engineering. *Amer. Yr. Bk.*, 1938, pp. 645-52. (6000)

REVIEWS:

Analysis of continuous beams and frames, by Miklos Hetenyi. *J. Amer. Concr. Instit. Supp.*, Sept., 1938, p. 364. (1500)

Hursh, Ralph Kent, B.S., Professor of Ceramic Engineering

ARTICLES:

New developments in the processing and forming of clay products. *Rpt. 5th Mineral Ind. Conf. Ill. Geol. Surv.* (3000)

With C. R. Filippi:

Drying properties of a calcareous clay. *Bul. Amer. Cer. Soc.*, 17:206. (1200)

Ingraham, Raymond Clifford, Ph.D., Associate in Physiology

ARTICLES:

With M. B. Visscher:

Analyses of gastric mucosa and pancreatic gland tissue of dog for H₂O, Na, K, Cl, and PO₄. *Proc. Soc. Exp. Biol. Med.*, 40: 147-49. (600)

See also E. Gellhorn.

Jackson, Chester Oscar, A.M., Assistant Professor of Physical Education for Men

ARTICLES:

A practical bibliography of recreational activities. Curriculum Library, Urbana. (2700)

Clean sports—a new angle. *Phys. Educ. Dig.*, 4:3:7-10. (1500)

Improving student teaching. *J. Health Phys. Educ.*, 9:8:512. (500)

Practical sanitation in high school athletics. *Ky. H. S. Athlete*, 11:7:10-12; *Ill. H. S. Athlete*, 9:5; 9:6; 9:8. (1500)

Source material in health and physical education. *Ill. Phys. Educ. News*, 3:2:3. (500)

With A. E. Florio:

Physical education in the junior high schools of Illinois. *Res. Qt. Amer. Assoc. Health, Phys. Educ. and Recreation*, 10:1:124-35. (2500)

Articles (continued)

With M. Florence Lawson and Marian W. Marshall:

Learning to play volley ball. Pages 47-55 in *Manual for Practice Teaching*, by C. W. Sanford and others. Stipes Publishing Co., Champaign, Ill., 1939. (2500)

Jensen, Vernon Peter, Ph.D., Special Research Assistant Professor of Theoretical and Applied Mechanics

ARTICLES:

Solutions for certain rectangular slabs continuous over flexible supports. *Ill. Eng. Exp. Sta. Bul.*, 303, pp. 1-98. (40,000)

Jeppesen, Gordon Lutz, M.S., Instructor in Civil Engineering

ARTICLES:

The effect of speed of loading upon the ductility of structural steel. *Bul. Assoc. State Eng. Soc.*, 14:2:96-104. (4000)

Joannides, Minas, M.D., M.S., Assistant Professor of Surgery

ARTICLES:

Surgery of the chest wall. Chapter 33 in *Surgical Technique and Principles of Operative Surgery* (3d ed.), by A. V. Partipilo. Chicago Post Graduate of Surgery, Chicago, 1938, pp. 537-67.

Stereomicroscopic study of surface of lung; description of methods used. *Arch. Surg.*, 37:1-6.

Stereomicroscopic study of surface of lung; anatomic and physiologic structure of normal lung; résumé of observations based largely on stereomicroscopic study of surface of lungs fixed and in living state. *Ibid.*, 37:7-16.

The mechanics of pulmonary abscess, pulmonary gangrene, and bronchiectasis with a suggested method of treatment. *J. Thoracic Surg.*, 8:4:427-33.

Jobst, Valentine, Ph.D., Associate in Political Science

REVIEWS:

Das System der politischen Staatsverträge seit 1918, by Paul Barandon. *Amer. J. Internat. Law*, 32:644-45. (350)

The law of treaties: British practice and opinions, by A. D. McNair. *Ibid.*, 33: 220-22. (800)

Creation of rights of sovereignty through symbolic acts, 1400-1800, by A. S. Keller and others. *Amer. Pol. Sci. Rev.*, 32: 787-88. (250)

Johnson, Sveinbjorn, A.M., LL.B., LL.D., Professor of Law and University Counsel

ARTICLES:

Old Norse and ancient Greek ideals. *Ethics*, 49:1:18-36. (6000)

Johnson, Walter Gilbert, Ph.D., Instructor in English

BOOKS:

Continuing Swedish. Burgess Publishing Co., Minneapolis, 1938. 150 pp.

Johnston, Paul Evans, Ph.D., Associate Professor of Agricultural Economics

ARTICLES:

Effects of the AAA on farm organization and operation. *J. Farm Econ.*, 21:1:46-55. (3600)

Trends in use of power on accounting farms in Illinois. *Ill. Farm Econ.*, No. 36. (1400)

JOHNSTON, P. E.—Articles (continued)

With J. B. Cunningham:

Summary of annual farm business reports on 1,877 farms for 1937. U. of I. Dept. of Agr. Econ. Mimeo., 889. (3000)

With J. B. Cunningham and M. L. Mosher:

Planning the farm business. *Ibid.*, 922. (4500)

With others:

A series of 59 annual farm business reports for counties or groups of counties in Illinois. *Ibid.*, 1044-1102. (8000)

Johnstone, H. Fraser, Ph.D., Professor of Chemical Engineering

ARTICLES:

Economics of sulfur dioxide recovery. *Power Plant Eng.*, 42:8:538-39. (1200)

Jones, Fred Mitchell, Ph.D., Associate in Business Organization and Operation

ARTICLES:

Price fixing in Illinois. *Opinion and Comment*, Mar., 1938, pp. 1-6. (4000)

Joranson, Yngve, A.B., B.S., M.D., Associate Professor of Anatomy

ARTICLES:

With Joseph Simons:

Endamoeba histolytica. Experimental infections of the stomachs of dogs and cats. *Arch. Path.*, 27:218-38. (7400)

Kampmeier, Otto Frederic, Ph.D., M.D., Professor of Anatomy and Head of the Department

REVIEWS:

A monograph on veins, by K. J. Franklin. *Anat. Rec.*, 71:1:119-24. (1500)

Kanthak, Frank F., B.S., D.D.S., M.D., Assistant Professor of Oral Surgery and Oral Pathology, and Superintendent of Clinics

ARTICLES:

With P. P. Pickering:

Sulfanilamide; a review of the clinical and experimental work on its therapeutic properties. *J. Amer. Dent. Assoc.*, 25:1474-80. (3000)

With H. N. Harkins:

Unilateral hypertrophy of the mandibular condyle associated with chondroma. *Surg.*, 4:898-907. (3000)

Kaufman, Samuel I., M.D., Associate in Ophthalmology

ARTICLES:

Your eyes—what to do when in trouble. *Hygeia*, Jan.-Feb., 1939.

Keating, L. Clark, Ph.D., Associate in Romance Languages

BOOKS:

Learning a modern language. F. S. Crofts, N. Y., 1938. 24 pp.

ARTICLES:

El Acento castellano en la enseñanza de los Estados Unidos. *Universidad* (Mexico), June, 1938, pp. 16-17. (2000)

Materials for a reappraisal of sixteenth century French society. *Romanic Rev.*, Feb., 1939, pp. 20-25. (2500)

REVIEWS:

Les Dames des Roches, by G. E. Diller. *French Rev.*, May, 1938, pp. 513-14. (650)

Keeton, Robert Wood, M.S., M.D., Professor of Medicine and Head of the Department

ARTICLES:

With A. B. Kendrick and E. F. Foley:

Immediate and delayed disposal of acacia injected intravenously in the dog. *Proc. Soc. Exp. Biol. Med.*, 39:465-67. (600)

With F. K. Hick and N. Glickman:

Circulatory changes in adults exposed to controlled environmental conditions. *Proc. Amer. Physiol. Soc.*, Apr., 1939. (300)

With F. K. Hick, N. Glickman, and H. C. Wall:

Cardiac output, peripheral blood flow, and blood volume changes in normal individuals subjected to varying environmental temperatures. *Heating, Piping, Air Conditioning*, Jan., 1939. (1200)

Kemmerer, Donald Lorenzo, Ph.D., Assistant Professor of Economics

ARTICLES:

New material on the Stamp Act (in N. J.) *N. J. Hist. Soc. Proc.*, July, 1938.

Neglected source material on colonial New Jersey. *Ibid.*, Jan., 1939.

REVIEWS:

The Middlesex Canal, by C. Roberts. *J. Pol. Econ.*, Feb., 1939, pp. 146-47. (500)

The tobacco kingdom, by J. C. Robert. *Amer. Hist. Rev.*, Apr., 1939, p. 739. (350)

History of the business man, by M. Beard. *Ibid.*, June, 1939, pp. 331-33. (800)

The big four, by O. Lewis. *Ibid.*, Dec., 1938, pp. 777-78. (400)

The roots of American civilization, by C. Nettels. *Ibid.*, Dec., 1938, p. 780. (300)

History of the U. S. (vol. 2), by A. E. Martin. *Ibid.*, Sept., 1938, pp. 539-40. (500)

James Madison: builder, by A. E. Smith. *Ibid.*, pp. 541-42. (400)

Kendeigh, S. Charles, Ph.D., Assistant Professor of Zoology

ARTICLES:

With S. P. Baldwin:

Variations in the weight of birds. *Auk.*, 55: 3:416-67. (22,000)

Kendrick, Aaron B., Ph.D., Associate in Medicine

See R. W. Keeton.

Ketchum, Pierce Waddell, Ph.D., Assistant Professor of Mathematics

ARTICLES:

Infinite systems of linear equations and expansions of analytic functions. *Duke Math. J.*, 4:668-77. (3500)

REVIEWS:

Geometrie vectorielle, by A. Mineur. *Amer. Math. Mo.*, 45:312-13. (400)

Kettelkamp, Gilbert Clarence, A.M., Instructor in Education and Head of the Department of Foreign Languages in University High School

ARTICLES:

Enrichment materials for German. In "Ways to Better High Schools," *Univ. Ill. Bul.*, 36:18:37-46. (3500)

REVIEWS:

The experimental didactics of the teaching of German in the light of the Gestalt theory, by E. K. Schwartz. *Curriculum J.*, 9:8:373. (275)

Keyes, Donald Babcock, Ph.D., Professor of Chemical Engineering

ARTICLES:

- The chemical engineering unit process—oxidation. *Ill. Eng. Exp. Sta. Circ.*, 34. 44 pp. (15,000)
 Factors involved in plate efficiencies for fractionating columns. *Ibid.*, 35. 14 pp. (4000)
 Teaching chemical engineering unit processes from the quantitative aspect. *J. Chem. Educ.*, 15:10:480-83. (2500)
 Research environment. *Trans. Ill. Acad. Sci.*, 1938. (1000)

King, Burnham William, Jr., Ph.D., Special Research Assistant in Ceramic Engineering
 See *A. I. Andrews*:

King, Everett Edgar, M.S., M.C.E., Professor of Railway Civil Engineering

ARTICLES:

- Report of sub-committee 13, Committee XVI. *Amer. Ry. Eng. Assoc. Bul.*, 406:180-81. (1000)

Klaas, Helen, M.S., First Assistant in Home Economics

See *Sybil Woodruff*.

Kneier, Charles Mayard, Ph.D., J.D., Professor of Political Science

BOOKS:

- Illustrative materials in municipal government and administration. Harpers, N. Y., 1939. xix + 632 pp.

ARTICLES:

With *J. F. Isakoff*:
 Research reports. *Ill. Legis. Council*, Nos. 1-13.

REVIEWS:

- Better city government, edited by R. V. Peel. *Amer. Pol. Sci. Rev.*, 32:6:1199. (300)

Kobak, Alfred Julian, M.S., M.D., Assistant Professor of Obstetrics and Gynecology

ARTICLES:

- The interpretation of excessive gonadotropic hormones excreted in the urine in early pregnancy. *J.A.M.A.*, 110:1179-80.

REVIEWS:

- Year book of obstetrics and gynecology, by DeLee and Greenhill. *Arch. Physiother. Radium*, July, 1938.

Koehler, Benjamin, Ph.D., Chief in Crop Pathology

ARTICLES:

- Fungus growth in shelled corn as affected by moisture. *J. Agr. Res.*, 56:4:291-307. (5400)
 Several corn diseases unusually prevalent in Illinois in 1938. *Plant Dis. Reporter*, 22: 374-75.
 Effect of prolonged storage of treated seed corn. Seed treatment tests with crown injured corn. *Phytopath.*, 28:13.

With *C. M. Woodworth*:

- Corn seedling virecence caused by *Aspergillus flavus* and *A. tamarit*. *Ibid.*, 28:11: 811-23. (3800)

With *A. L. Lang*, *J. H. Bigger*, *G. H. Dungan*, and *O. Bolin*:

- Illinois corn performance tests, 1938. *Ill. Agr. Exp. Sta. Bul.*, 450, pp. 227-51. (7500)

Konzo, Seichi, M.S., Special Research Assistant Professor of Mechanical Engineering

BOOKS:

- Winter air conditioning—forced warm air heating. *Nat. Warm Air Heat. and Air Cond. Assoc.*, Columbus, Ohio, 1939. 532 pp.

ARTICLES:

- Calculation of the summer cooling load. *Amer. Artisan Mag.*, Apr., 1939, pp. 61-64. (2500)

See also *A. P. Kratz*.

Kraehenbuehl, John Otto, M.S., E.E., Professor of Electrical Engineering

BOOKS:

- With *M. A. Faucett*:
 Circuits and machines in electrical engineering. John Wiley and Sons, N. Y., 1939. 691 pp.

Kraines, Samuel Henry, B.S., M.D., Associate in Psychiatry

ARTICLES:

- Indices of body build, their relation to personality. *J. Nerv. Ment. Dis.*, 88:309.
 Schizophrenia. *Merck Rpt.*, Apr., 1939.

See also *E. Gellhorn*.

Kratz, Alonzo Plumstead, M.S., Research Professor of Mechanical Engineering

ARTICLES:

- Power requirements for residential air conditioning. *Proc. Midwest Power Conf.*, 1:162-70. (4000)
 Anthracite for warm air heating. *Trans. 2d An. Anthracite Conf.*, Lehigh Univ., Apr., 1939, pp. 45-57. (4500)

With *S. Konzo*, *M. K. Fahnestock*, and *E. L. Broderick*:

- Summer cooling in the warm air heating research residence with cold water. *Ill. Eng. Exp. Sta. Bul.*, 305. 90 pp. (26,000)
 Study of summer cooling in the research residence using a small capacity condensing unit. *Heating, Piping, Air Conditioning*, 10:5:337-44; 10:6:421-27. (10,000)

With *S. Konzo* and *R. B. Engdahl*:

- Performance of stoker-fired and hand-fired warm-air furnaces in the research residence. *Ibid.*, 10:11:732-42. (6000)

Krehbiel, Robert Henry, Ph.D., Associate in Anatomy

ARTICLES:

- Roentgen studies of the mechanism involved in sperm transportation in the female rabbit. *Amer. J. Physiol.*, 125:571-77. (2700)
 The decidual and deciduoma reaction in the pregnant lactating rat. *Anat. Rec.*, 73:3 (Supp.2):32-33. (200)

Kudo, Richard Roksabro, D.Sc., Associate Professor of Zoology

ARTICLES:

- A microsporidian parasitic in Reticulitermes flavipes. *J. Parasit.*, 24:3:377.

With *P. A. Meglitsch*:

- On *Balandinium praenucleatum* n. sp., inhabiting the colon of *Blatta orientalis*. *Arch. Protistenk.*, 91:1:111-24.

Lang, Alvin Leonard, M.S., Assistant Chief in Soil Experiment Fields

ARTICLES:

- Use good soil for hybrid corn. *Better Crops with Plant Food*, 23:3:14-17. (2200)

LANG, A. L.—Articles (continued)

- Fertilizing for hybrid corn. U. of I. Dept. of Agron. Mimeo., Apr., 1939. (1500)
See also F. C. Bauer and G. H. Dungan.

Lansford, Wallace Monroe, M.S., C.E., Assistant Professor of Theoretical and Applied Mechanics**ARTICLES:**

- A magnetic flowmeter. *Mech. Eng.*, Jan., 1939, 61:1:20-21. (1500)

REVIEWS:

- Effect of size and type of specimen on the torsional properties of cast iron, by J. O. Draffin and W. L. Collins. *Proc. A.S.T.M.*, 38:245. (150)

Lash, Abraham Fae, M.D., Ph.D., Assistant Professor of Obstetrics and Gynecology**ARTICLES:**

- Hemorrhage from carcinoma of the cervix. Control by extraperitoneal ligation of the hypogastric arteries. *Surg. Gyn. Obstet.*, 67:102-05. (1500)

Lederer, Francis L., B.S., M.D., Professor of Laryngology, Rhinology, and Otolaryngology, and Head of the Department**BOOKS:**

- Diseases of the ear, nose, and throat. F. A. Davis Co., Phila., 1938. 835 pp.

ARTICLES:

- Early diagnosis of laryngeal carcinoma. *Arch. Otolaryng.*, 29:587-90.
Early diagnosis of laryngeal malignancy. *Ann. Otol. Rhinol. Laryngol.*, 48:244-56.

With others:

- Otorhinolaryngology. In *Cyclopedia of Medicine*, F. A. Davis, Phila., 1938, pp. 810-83.

Lehmann, Emil Wilhelm, B.S., E.E., A.E., Professor of Agricultural Engineering and Head of the Department**ARTICLES:**

- With T. A. Pitzner:
Farm drainage: its maintenance and construction. *Ill. Agr. Exp. Sta. Circ.*, 493. 40 pp. (18,500)

Leiter, Otho Clarke, A.B., Associate Professor of Journalism**ARTICLES:**

- Editors ought to edit. *Quill*, 24:10:5. (1600)
Freedom of the press. *St. Louis Post Dispatch*, Dec. 25, 1938, Pt. 1, p. 4a. (275)

Leonard, Maria, A.M., Litt.D., Dean of Women**BOOKS:**

- The chaperon and housemother builders of youth. George Banta Publishing Co., Menasha, Wis., 1939. 77 pp.

ARTICLES:

- A bill of rights for youth. *Character and Citizenship Mag.*, Jan., 1939, pp. 3-8. (2700)
Is current education developing vital citizens? *Ibid.*, May, 1939, pp. 20-23. (2300)
Calling all fraternity women. *Arrow*, Feb., 1939, 936-39. (3200)

Levine, Norman Dion, Ph.D., Assistant Animal Parasitologist**ARTICLES:**

- The dehydration of methylene blue stained material without loss of dye. *Stain Technol.*, 14:29. (500)

Articles (continued)**With C. A. Brandy and R. Graham:**

- The cultivation of *tritrichomonas foetus* in developing chicken eggs. *Science*, 89: 161-62. (800)

With L. E. Bolcy and W. G. Kammlade:

- A note on the effect of repeated treatment of sheep for *Haemonchus contortus*. *Cornell Vet.*, 28:296-98. (1000)

With G. L. Dunlap and R. Graham:

- An intracellular parasite encountered in ferret. *Ibid.*, 28:249-51. (400)

Levinson, Samuel Azor, M.S., M.D., Associate Professor of Pathology, Assistant Professor of Medicine, and Director of the Hospital Laboratory**ARTICLES:**

- Laboratory examination in gallbladder diseases and associated liver damage. *Med. Clin. N. Amer.*, 23-17.
Waterhouse-Friderichsen syndrome. *J. Pediatrics*, 14:506.

With H. A. Sigal:

- The bromsulphalein test and blood cholesterol in pulmonary tuberculosis. *Amer. Rev. Tuberc.*, 38:229.

Levinthal, Daniel Harold, M.D., Assistant Professor of Orthopaedics**ARTICLES:**

- Tendon transplantation in the lower extremity. *Surg. Clin. N. Amer.*, Feb., 1939.

With I. Wolin:

- Unilateral congenital elevation of the ilium or congenital dislocation of the sacro-iliac joint. *Brit. J. Surg.*, 21:1:193-96.

With J. Kirschbaum:

- Fibroma of metacarpal bone—resection and bone graft. *Surg. Gyn. Obstet.*, May, 1939.

REVIEWS:

- Eleven reviews in *Surg. Gyn. Obstet.*, *passim*.

Lichtenberger, Cleo, B.S., B.L.S., Catalog Reviser in the Library**ARTICLES:**

- 207 catalog cards for University of Illinois publications. Printed by Library of Congress. (15,000)

Limarzi, Louis Robert, M.D., M.S., Associate in Medicine**ARTICLES:**

- The diagnostic value of sternal marrow aspirations. *Ill. Med. J.*, Jan., 1939. (8000)

With M. D. Pearlman:

- Correlation studies of basophilic aggregation and reticulocytes in various clinical conditions. *Amer. J. Clin. Path.*, 8:6. (4000)

Lindstrom, David Edgar, Ph.D., Associate Professor of Rural Sociology**ARTICLES:**

- The community leader's plan book. U. of I. Dept. Agr. Econ. Mimeo. (RSE-60). 22 pp. Illinois fosters a rural recreation program. *Ext. Serv. Rev. U.S.D.A.*, 9:8:117. (1000)
Some problems of the extension rural sociologist. *Rural Sociol.*, 3:1:42-47. (2000)
Trends in rural organization. *Trans. Ill. Acad. Sci.*, 31:2. (1000)

With W. M. Dawson:

- 4-H club work: effect on capability and personal quality. *Ill. Agr. Exp. Sta. Bul.*, 451. (20,000)

Litman, Simon, Dr.Jur.Pub. et Rer.Cam., Professor of Economics

REVIEWS:

Government price-fixing, by J. Bachman. *Amer. Econ. Rev.*, 29:1:177. (500)

Littleton, Ananias Charles, Ph.D., C.P.A., Professor of Accountancy and Assistant Director of the Bureau of Business Research

ARTICLES:

High standards of accounting. *J. Accy.*, 66: 3:99-105. (4300)

The uses of theory. *Ibid.*, 67:4:227-33. (4400)

The relation of function to principles. *Acct. Rev.*, 13:3:233-41. (4500)

Suggestions for the revision of the tentative statement of accounting principles. *Ibid.*, 14:1:57-64. (4000)

A substitute for stated capital. *Harv. Bus. Rev.*, 17:1:75-85. (6000)

Lloyd, John William, Ph.D., Professor of Horticulture and of Fruit and Vegetable Marketing, and Acting Head of the Department of Horticulture

ARTICLES:

Vegetable displays at roadside and home markets. *An. Rpt. Ill. Vegetable Growers' Assoc.*, 8:55-57. (1200)

With J. P. McCollum:

Yields of asparagus as affected by severe cutting of young plantation. *Ill. Agr. Exp. Sta. Bul.*, 448, pp. 157-72. (5000)

With W. L. Burlison:

Eighteen varieties of edible soybeans. *Ibid.*, 453, pp. 383-439. (25,000)

Locklin, D. Philip, Ph.D., Associate Professor of Economics

BOOKS:

Economics of transportation (rev. ed.). Business Publications, Chicago, 1938. 855 pp.

ARTICLES:

Fifty years of government regulation. *Qt. J. Econ.*, 52:4:679-96. (5400)

The report of the president's committee on the transportation situation. *J. Land and Publ. Util. Econ.*, 15:1:117-19. (2000)

With others:

Highway costs and motor vehicle taxation. *Ill. Hy. Users Conf.*, Chicago, 1939. 31 pp.

REVIEWS:

The Interstate Commerce Commission (Pt. III), by I. L. Sharfman. *J. Bus.*, 11:2:206-09. (800)

Locking, William Bruce, Ph.D., Associate in Economics

REVIEWS:

Les opérations des banques d'émission sur le marché libre, by M. Kriz. *Amer. Econ. Rev.*, 28:4:822-23. (350)

Basic economics, by N. H. Selseth. *Ibid.*, 28:4:765. (75)

Lohmann, Karl Baptiste, M.L.A., Professor of Landscape Architecture

ARTICLES:

The sub-standard housing of Champaign-Urbana, Illinois. Reg. Plan. Com. Champaign Co., Aug., 1938. 16 pp.

Loomis, F. Wheeler, Ph.D., Professor of Physics and Head of the Department

ARTICLES:

With P. Kusch:

Magnetic rotation spectra of SO₂ and CS₂ in the ultra-violet. *Phys. Rev.*, 55:850.

Low, Abraham Adolph, M.D., Assistant Professor of Psychiatry

ARTICLES:

Occupational therapy and its bearing on shock therapy. *Occup. Ther. Rehabil.*, 17:369. (2000)

Shock treatments for psychotic patients and their relationship to occupational therapy. *Ibid.*, 18:85. (2400)

Present status of the shock treatment of the "functional" psychoses. *Ill. Med. J.*, Feb., 1939. (3000)

Placement of the former mental patient. *Employment Serv. News*, 6:14. (1800)

Shock therapy and follow-up investigation. *Psychiat. Exch.*, 1:123. (600)

With M. Blaurock, M. Sachs, C. Wade, and E. Ross:

Picrotoxin as a convulsant in treatment of certain mental illnesses. *Arch. Neurol. Psychiat.*, 41:747. (3000)

Luce, Wilbur Marshall, Ph.D., Associate in Zoology

ARTICLES:

The effect of a 95 percent oxygen 5 percent carbon dioxide mixture upon facet number in infrabar in *Drosophila melanogaster*. *Genetics*, 24:79. (250)

Lueth, Harold Charles, M.D., Ph.D., Associate in Medicine

ARTICLES:

Massive collapse of the lung following anesthesia. *Anesthesia and Analgesia*, 17:229-32.

Laboratory examinations in heart disease. *Amer. J. Med. Tech.*, 4:162-68.

The use of metrazol in complete heart block with Adams-Stokes syndrome. *Amer. Heart J.*, 16:55-60.

With T. Hanks:

Unusual reactions of patients with hypertension to glyceryl trinitrate. *Arch. Int. Med.*, 62:97-108.

Lyon, Will Ferson, A.B., M.D., Assistant Professor of Surgery

ARTICLES:

With F. E. Hand:

An improvement in the application of bone plates. *Ann. Surg.*, 108:6:1118-20. (400)

Maack, Arthur Charles, M.S., Assistant in Dairy Manufactures

See P. H. Tracy.

Macintire, Horace James, M.M.E., Professor of Refrigeration

ARTICLES:

Low temperature refrigeration. *Chem. Met. Eng.*, Dec., 1938, pp. 682-83.

Mackay, Roland Parks, A.B., M.D., Associate Professor of Neurology and Neurological Surgery

ARTICLES:

Chronic adhesive spinal arachnoiditis, a clinical and pathological study. *J.A.M.A.*, 112:802-08.

MacMasters, Majel Margaret, Ph.D., Associate in Home Economics

See Sybil Woodruff.

Manley, John Henry, Ph.D., Associate in Physics

ARTICLES:

With Goldsmith and Schwinger:

Resonance absorption of slow neutrons in In. *Phys. Rev.*, 55:107.

MANLEY, J. H.—Articles (continued)

The widths of nuclear energy levels. *Ibid.*, 55:39.

With Brickwedde, Dunning, and Hoge:

Neutron scattering cross sections of para- and orthohydrogen, and of N_2 , O_2 , H_2O . *Ibid.*, 54:260.

With Hornbostel and Goldsmith:

The mutual absorption of the Rh and In levels. *Bul. Amer. Phys. Soc.*, 14:2:12.

Marriott, Lawrence Frederick, B.S., Assistant in Soil Experiment Fields

See F. C. Bauer.

Marshall, William A., B.S., M.D., Associate in Orthopaedics

ARTICLES:

Pancreatic lithiasis, with a case report and autopsy findings. *Radiol.*, 31:5:562-66.

REVIEWS:

Untersuchungen ueber die Atiologie und Pathogenese der angeborenen Huftverrenkung. *Trans. Internat. Coll. Surg.*, 1:2:245-47.

Marvel, Carl Shipp, Ph.D., Professor of Organic Chemistry

ARTICLES:

With C. E. Denoon, Jr.:

The structure of vinyl polymers. II. Polyvinyl alcohol. *J.A.C.S.*, 60:1045-51. (4500)

With D. B. Glass:

The possible asymmetry of a monosubstituted cyclononane. *Ibid.*, 60:1051-53. (2000)

With G. F. Zellhoefer and M. J. Copley:

Hydrogen bonds involving the C-H link. The solubility of haloforms in donor solvents. *Ibid.*, 60:1337-43. (4500)

With S. J. Davis and F. J. Glavis:

The reaction between sulfur dioxide and olefins. VII. Copolymers from mixtures of olefins, acetylenes and olefin derivatives with sulfur dioxide. *Ibid.*, 60:1450-55. (4000)

With Velma Nichols:

Diaryl ketone peroxides. *Ibid.*, 60:1455-57. (2200)

With M. P. Stoddard:

A convenient synthesis of d_1 -glutamic acid. *J. Org. Chem.*, 3:198-203. (3200)

With F. J. Glavis:

Vinyl halide polysulfones. Peracetic acid as a catalyst for the reaction between sulfur dioxide and olefins. *J.A.C.S.*, 60:2622-26. (3200)

With M. J. Copley and G. F. Zellhoefer:

Hydrogen bonds involving the C-H link. IV. The effect of solvent association on solubility. *Ibid.*, 60:2666-73. (5600)

Hydrogen bonds involving the C-H link. V. The solubility of methylene chloride in donor solvents. *Ibid.*, 60:2714-16. (1900)

With H. A. Pacovitz:

The dimerization of 3-phenylindene. *Ibid.*, 60:2816. (300)

With E. Ginsberg and M. B. Mueller:

Effect of substitution on the dissociation of hexa-arylethanes. VI. Hexa-*m*-biphenylethane. *Ibid.*, 61:77-78. (1400)

With W. J. Peppel:

Rearrangements of tetraaryldiallenes. XII. The synthesis of 2,8-diphenylchrysene. *Ibid.*, 61:895-97. (1700)

REVIEWS:

Lehrbuch der organischen Chemie, by W. Langenbeck. *Ibid.*, 61:537. (350)

Marvin, Donald Mitchell, Ph.D., Visiting Professor of Economics

BOOKS:

With Gertrude M. Williams:

Design for recovery. Harpers, N.Y., 1939. 167 pp.

Mason, Herman Charles, M.S., Instructor in Bacteriology and Public Health

ARTICLES:

Dye modifications of bismuth sulfite media. *J. Bact.*, 36:3:314. (500)

May, Robert Lee, M.S., Assistant in Chemistry
See G. F. Smith.

Mays, Arthur Beverly, A.M., Professor of Industrial Education

ARTICLES:

Industrial education. Section in the Joint Year Book of the American Educational Research Association and the Department of Classroom Teachers of the National Education Association, Wash., D.C., 1939, pp. 270-77.

McArthur, Selim Walker, Ph.B., M.D., Associate Professor of Surgery

ARTICLES:

The voluntary hospital and the community. *Hospitals*, July, 1938.

McCollum, John Paschal, Ph.D., Assistant Professor of Olericulture

See J. W. Lloyd.

McDaniels, Herbert Eli, Ph.D., Associate in Bacteriology and Public Health

See Lloyd Arnold.

McDiarmid, Errett Weir, Jr., Ph.D., Associate in Library Science

ARTICLES:

With J. McDiarmid:

An approach to the problems of library organization. *Lib. Qt.*, 9:2:133-44. (4000)

McGuigan, Hugh Alistair, Ph.D., M.D., Professor of Pharmacology, Materia Medica, and Therapeutics, and Head of the Department

ARTICLES:

With R. A. McGuigan:

The use of dogs for the standardization of digitalis. *J. Pharmacol. Exp. Therap.*, 63:1:76-81. (1200)

McQuitty, Louis Laforce, Ph.D., Instructor in Psychology and Counsellor in the Personnel Bureau

ARTICLES:

An approach to the measurement of individual differences in personality. *Character and Personality*, 7:2:81-95. (5000)

Meyer, Esther, Ph.G., M.S., Associate in Bacteriology

ARTICLES:

The action of calamine lotions on the bacterial flora of the skin. *Bul. Nat. Formulary Comm.*, 7:2:48. (400)

See also Lloyd Arnold.

Meyer, Hershel, B.S., M.D., Assistant in Medicine

ARTICLES:

The psychopathology of Nazism. *Med. Leaves*, 1939, pp. 113-121. (10,000)

Meyer, Jacob, M.D., M.S., Associate Professor of Medicine

ARTICLES:

Acute endocarditis caused by bacterium Paratyphosum B. *Arch. Path.*, 26:368-73. (1500)

Miles, Russell Hancock, M.Mus., Associate Professor of Music

MUSIC:

Thy King cometh. Cantata for Christmas. Oliver Ditson Co., Phila., 1938. 48 pp.

With harp and with trumpet: mixed voices. *Idem.* 8 pp.

Waken! Lords and ladies gay: male voices. *Idem.* 12 pp.

Miller, George Abram, Ph.D., LL.D., Professor of Mathematics, *Emeritus*

BOOKS:

Collected works, vol. 2. Univ. of Ill. Press, Urbana, 1938. xi + 537 pp.

ARTICLES:

Relative number of operators and subgroups of a finite group. *Proc. Nat. Acad. Sci.*, 24:199-200. (1500)

Minimum degree of substitutions of highest degree in a group. *Ibid.*, 202-04. (1400)

Largest degree of substitution in the groups of a given degree. *Ibid.*, 293-96. (2000)

Groups of degree n containing only substitutions of lower degrees. *Ibid.*, 333-36. (2000)

The relative number of the subgroups and operators of certain groups. *Ibid.*, 473-76. (2100)

Groups of order p^m containing $m-a$ independent generators. *Ibid.*, 561-65. (2400)

Groups of degree n in which the largest degree of a substitution is a minimum. *Ibid.*, 25:43-46. (2000)

Mathematical "pia frans." *Sch. and Soc.*, 47:637-38. (1400)

Unpardonable errors in the history of mathematics. *Ibid.*, 48:278-79. (1100)

Solution of equations by the ancients. *Ibid.*, 49:178-79. (1200)

Mathematical myths. *Nat. Math. Mag.*, 12:388-92. (2000)

A first lesson in the history of mathematics. *Ibid.*, 13:272-77. (2500)

The first known long mathematical decline. *Science*, 87:576-77. (800)

The history of mathematics forty years ago. *Ibid.*, 88:375-76. (600)

Group theory in the history of mathematics. *Sci. Mo.*, 47:124-27. (1200)

Forty years of mathematics. *Ibid.*, 48:268-71. (1600)

Kleinsche Viergruppe. *Math. Gaz.*, 22:486. (300)

Progress in the history of mathematics during the last forty years. *Math. Student*, 6:71-73. (1100)

Primary facts of the history of mathematics. *Math. Teacher*, 32:609-11. (1200)

Miller, Lawrence Byrne, B.S., Associate in Soil Experiment Fields

See F. C. Bauer.

Mills, Douglas R., B.S., Associate in Physical Education for Men

BOOKS:

Football scouting report. Stipes Publishing Co., Champaign, Ill. 50 pp.

Milum, Vern G., Ph.D., Assistant Professor of Entomology

ARTICLES:

Bees and beekeeping in Illinois. *An. Rpt. Ill. Beekeepers Assoc.*, 37:93-155. (26,000)

Articles (continued)

A larval mermithid, *Mermis subnigrescens* Cobb, as a parasite of the honeybee. *J. Econ. Entom.*, 31:3460. (450)

Some tips and pointers on wintering. *Amer. Bee J.*, 78:497. (270)

Reducing propolizing by Caucasians. *Ibid.*, 78:551. (125)

Foaming: its elimination from honey. *Ibid.*, 79:186-87. (1350)

Parasites of larval pests of bee combs. *Ibid.*, 79:245. (230)

Bees need water—the significance of water in spring broodrearing. *Gl. Bee Culture*, 66:288. (600)

With E. I. Pilchard and E. L. Jepson:

A 4-H club manual for the honey production project. U. of I. Coll. Agr. Mimeo. (9500)

Minard, David, Ph.D., Instructor in Physiology

See S. R. Rosenthal.

Mitchell, Harold Hanson, Ph.D., Professor of Animal Nutrition

ARTICLES:

Nutrition. *An. Rev. Biochem.*, 7:353-76. (6000)

Protein nutrition. *Scientia*, 206:14. (4000)

With B. W. Fairbanks:

The availability of calcium in spinach, in skim milk powder, and in calcium oxalate. *J. Nutr.*, 16:79-89. (5000)

With M. A. R. Kelley:

Energy requirements of swine and estimates of heat production and gaseous exchange for use in planning the ventilation of hog houses. *J. Agr. Res.*, 56:811-30. (5500)

With J. B. Shields and W. A. Ruth:

The metabolism and retention of lead in growing and adult rats. *J. Ind. Hyg. Tox.*, 21:7-23. (8500)

With F. R. Steggerda:

The calcium requirement of adult man and the utilization of the calcium in milk and in calcium gluconate. *J. Nutr.*, 17:3:253-62. (6000)

With Julia Outhouse and others:

The calcium requirements of five pre-school girls. *Ibid.*, 17:199-211. (5000)

Moffett, Robert Bruce, A.M., Assistant in Chemistry

ARTICLES:

With E. W. Cottman and S. M. Moffett:

The preparation and properties of chemiluminescent compounds of the lophine type. *Proc. Indiana Acad. Sci.*, 47:124. (2500)

Mohn, Paul Eugene, M.S., M.E., Assistant Professor of Mechanical Engineering

ARTICLES:

Tires. Household Finance Corp., Chicago, 1938. 28 pp.

Gasoline and oils. *Idem.*, 1938. 38 pp.

Home heating. *Idem.*, 1930. 36 pp.

Domestic heating plants. *Ill. Eng. Exp. Sta. Circ.*, 31. 21 pp. (4500)

With W. H. Severns:

Equipment for all-year air conditioning. *Ibid.*, 37. pp. 7-28. (5700)

Report of conference on air conditioning. *Ice and Refrig.*, 96:4:289. (1600)

Equipment, well water, body temperature discussed at air conditioning conference. *Heat. Vent.*, 36:4:24-25. (1000)

Mohr, George Joseph, B.S., M.D., Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

- Mental hygiene aspects of occupational therapy. *Occup. Ther. Rehabil.*, 18:1:25-30. (1700)
 Psychoanalytical theory of personality. *Social Work Technique*, 4:2:35-46. (4500)

Monroe, Walter Scott, Ph.D., Professor of Education and Director of the Bureau of Educational Research

ARTICLES:

With Arlyn Marks:

- General methods of teaching. *Educ. Admin. Superv.*, 24:7:497-512. (6000)
 General methods of teaching evaluated; results of research. *Ibid.*, 24:8:581-92. (4500)
 Doctors in education. *J. Higher Educ.*, 10:4:191-94.

REVIEWS:

- Directing learning, by R. W. Frederick and others. *Rev. Educ. Res.*, 3:7:538-39.

Moore, Gerald Everett, Ph.D., Associate in Mathematics

REVIEWS:

- Accounting manual for colleges, by Gail A. Mills. *J. Higher Educ.*, 9:5:290-91. (500)

Moore, Herbert Fisher, M.E., D.Sc., Research Professor of Engineering Materials

ARTICLES:

- Corrosion-fatigue of metals. *Metals Handbook*, 1939, pp. 147-53. (2500)
With H. R. Thomas, J. L. Bisesi, and R. E. Cramer:
 Fourth progress report of the joint investigation of fissures in railroad rails. *Proc. Amer. Ry. Eng. Assoc.*, 39:807-59. (15,000)

With W. Spraragen and G. E. Claussen:

- Fatigue tests. *Welding Handbook*, 1938, pp. 710-31. (7000)

With B. B. Betty and C. W. Dollins:

- Investigation of the creep and fracture of lead and lead alloys for cable sheathing. *Ill. Eng. Exp. Sta. Bul.*, 306. 90 pp. (22,000)

Mora, Jacob Morton, B.S., M.D., Assistant Professor of Surgery

ARTICLES:

- Acute suppurative appendicitis complicating severe untreated thyrotoxicosis. *Surg.*, 5:374-79. (3000)

Morey, Lloyd, A.B., B.Mus., C.P.A., LL.D., Professor of Accountancy and Comptroller

ARTICLES:

- A philosophy of business administration. *J. Higher Educ.*, 10:2:68-74. (3000)
 The accounting student and governmental accounting. *Acct. Ledger*, 4:4:38-40. (2700)
 Audit services to colleges and universities. *C.P.A.*, 18:5:3. (350)
 The financial situation of higher education. *Educ. Bus.*, 21:5:6-9. (4300)
 The basic principles of municipal accounting. *Amer. Instit. Account. Conf. on Municipal Accounting and Finance*, Chicago, Mar., 1938, pp. 7-11. (2500)
 A central financial service. *Proc. 28th Meet. Assoc. Univ. and Coll. Bus. Officers*, pp. 25-31. (3500)
 Tracing the tax dollar. *Opinion and Comment*, pp. 18-22. (2000)

Morrison, Sherman William, Ph.C., M.S., Associate in Pharmacy

ARTICLES:

- Problems of the hospital pharmacist. *Hospitals*, 12:6:27-28. (1500)
 Logic in prescription pricing. *Mod. Hosp.*, 52:3:112. (1400)

Morrow, Glenn Raymond, Ph.D., Professor of Philosophy

ARTICLES:

- Plato and Greek slavery. *Mind*, 48:186-201. (7000)

REVIEWS:

- The administration of justice from Homer to Aristotle (vol. 2), by R. J. Bonner and Gertrude Smith. *Ethics*, 49:1. (400)
 Plato's cosmology, by F. M. Cornford. *Phil. Rev.*, 48:1:75. (550)

Mosher, Martin Luther, M.Agr., Professor of Farm Management Extension

ARTICLES:

With H. C. M. Case:

- Farm practices and their effects on farm earnings. *Ill. Agr. Exp. Sta. Bul.*, 444. (35,000)

With E. G. Fruin and H. C. M. Case:

- Three years' summary report of the farm bureau farm management service. *U. of I. Dept. of Agr. Econ. Mimeo.*, 616. (12,000)

With J. B. Cunningham and P. E. Johnston:

- Planning the farm business. *Ibid.*, 922. (4500)

With W. A. Herrington, E. G. Fruin, B. E. King, and H. C. M. Case:

- Farm bureau farm management service reports. *Ibid.*, 863, 869. (20,000)

Mulvihill, Donald Ferguson, A.M., Assistant in Business Organization and Operation

ARTICLES:

- Articulation of business subjects in high schools and colleges in Illinois. *Sch. Rev.*, 46:7:515-22. (2500)
 A survey of commercial subjects in Illinois high schools. *Bus. Educ. World*, 19:4:321-22. (1000)

Murphy, Frank George, B.S., M.D., Assistant Professor of Orthopaedics

ARTICLES:

- Fracture-dislocation of the ankle joint. *Surg. Clin. N. Amer.*, Feb., 1938. pp. 113-27. (3500)
 Osteochondritis dissecans of the elbow joint. *J. Bone and Joint Surg.*, 21:2:464-66. (800)

Nedzel, Alexander John, M.D., M.S., Associate Professor of Pathology

ARTICLES:

- Vascular instability in development of endocarditis. *Arch. Phys. Ther.*, 29:335. (3000)
 The pressor episodes, diets, and the toxicity of morphine sulphate. *J. Lab. Clin. Med.*, 23:1063. (1900)
 Experimental gastric ulcer (pitressin episodes). *Arch. Path.*, 26:688. (4200)
 Histopathology of vascular spasm in experimental gastric ulcer. *Proc. Instit. Med. Chicago*, 12:140. (400)

With W. F. Petersen:

- Dental surgery and endocarditis. *J. Amer. Dent. Assoc.*, 25:1462. (1400)

With L. Pincussen:

- Effect of ultraviolet and visible rays upon animal septicemia. *Arch. Phys. Ther.*, 20:5. (1500)

Neiswanger, William Addison, Jr., Ph.D., Associate Professor of Economics

BOOKS:

Laboratory manual for elementary statistics. Stipes Publishing Co., Champaign, Ill., 1938. 250 pp.

With Miriam E. West:

Productivity and employment in selected industries—brick and tile. National Research Project, Phila., 1939. 212 pp.

With R. K. Adamson and Miriam E. West:

Productivity and employment in selected industries—beet sugar. *Idem.* 189 pp.

Nelson, Severina Elaine, Ph.D., Associate in Speech

ARTICLES:

The Illinois speech defect survey. *Ill. Speech News*, 6:1:1-2. (115)

The role of heredity in stuttering. *J. Pediat.*, 14:5:642-57. (5000)

With R. Carhart:

A survey of speech disorders in Illinois high schools. *J. Speech Disorders*, 4:1:61-70. (1,000)

With Robert West:

The heredity of stuttering. *Qt. J. Speech*, 25:23-30. (3200)

Nelson, Tell, M.D., M.S., Associate in Medicine

ARTICLES:

The relation of allergy to diseases of the respiratory tract. *Ill. Med. J.*, 74:3:225-27. (1800)

Air filtration. *J.A.M.A.*, 111:1298-1301. (2000)

Nevens, William Barbour, Ph.D., Professor of Dairy Cattle Feeding

ARTICLES:

With A. F. Kuhlman:

Selecting dairy cattle. *Ill. Agr. Exp. Sta. Circ.*, 486. 61 pp.

With K. E. Harshbarger:

The distribution of elements of fertility between feces and urine in dairy cattle. *Proc. Amer. Soc. Animal Prod.*, Dec., 1938.

Newcomb, Rexford, A.M., M.Arch., Professor of the History of Architecture, Dean of the College of Fine and Applied Arts, and Director of the Bureau of Community Planning

BOOKS:

Outlines of the history of architecture. Part IV: Modern Architecture. John Wiley and Sons, N.Y., 1939. 318 pp.

ARTICLES:

Architecture. *World Book Encyc. An.*, Quarrie Corp., Chicago, 1939. (1200)

Newmark, Nathan Mortimore, Ph.D., Research Assistant Professor of Civil Engineering

ARTICLES:

Interaction between rib and superstructure in concrete arch bridges. *Trans. A.S.C.E.*, 103:62-88. (12,000)

A distribution procedure for the analysis of slabs continuous over flexible beams. *Ill. Eng. Exp. Sta. Bul.*, 304. 118 pp.

REVIEWS:

Die Knickfestigkeit von Stäben und Stabwerken, by J. Ratzersdorfer. *J. Applied Mech.*, 6:1-A-47. (1000)

A reduction method for the analysis of continuous beams and open frames, by M. Hetenyi. *Proc. Amer. Concr. Instit.*, 34: 3644-45. (300)

Nicholson, Douglas G., Ph.D., Associate in Chemistry

ARTICLES:

A working model to demonstrate the effect of heat on a confined volume of gas. *J. Chem. Educ.*, 15:394. (500)

With C. E. Holley, Jr.:

Drying of linseed oil paint—effect of artificial visible light. *Ind. Eng. Chem.*, 30:563-65. (1500)

Nolan, Aretas Wilbur, Ph.D., Associate Professor of Agricultural Education

ARTICLES:

They are not afraid of farming. *Amer. Farm Youth Mag.*, 4:5:16.

Nolen, Russell Marion, Ph.D., Assistant Professor of Economics

ARTICLES:

The changing functions of commercial banking. *Banker's Mag.*, June, 1938, 473-76. (1500)

Replacing our suspended banks. *Ibid.*, Mar., 1939, pp. 192-95. (2500)

Monetary experimentation, 1929-1939. *Opinion and Comment*, Mar., 1939, pp. 11-17. (4000)

REVIEWS:

Indian currency problems in the last decade (1926-1936), by J. C. Sinha. *Amer. Econ. Rev.*, Dec., 1938, p. 827. (500)

The fallacies of Professor Irving Fisher's 100% money proposal, by W. E. Spahr. *Ibid.*, Dec., 1938, pp. 827-28. (500)

Norton, Laurence Joseph, Ph.D., Professor of Agricultural Economics

ARTICLES:

Some features of the recent trade agreement with Canada and the United Kingdom. *Ill. Farm Econ.*, No. 43. (600)

The current economic situation as it affects the farmer. *Ill. Farmers' Instit. Rpt.*, 1938. (4000)

Grain shipments on the Illinois waterway. U. of I. Dept. of Agr. Econ. Mimeo., 864. (2000)

Financial results of farmers' elevator companies in 1937. *Ibid.*, 960. (4500)

Some problems created by the trend toward governmental intervention in agricultural markets. *Ibid.*, 1121. (1000)

Grain transportation on the Illinois River. *Ibid.* (800)

Discussion of changes in demand for farm products. *J. Farm Econ.*, 21:1:142-44. (1500)

With G. A. Lee:

Summary of grain marketing survey in southern Illinois in 1938. U. of I. Dept. of Agr. Econ. Mimeo., 1104. (5400)

With J. Ackerman and C. R. Sayre:

Capacity to pay and farm financing. *Ill. Agr. Exp. Sta. Bul.*, 449. (1400)

With L. H. Simerl:

A survey of Illinois cooperative marketing and purchasing associations. *Ill. Farm Econ.*, No. 38. (800)

REVIEWS:

Prosperity and depression, by G. von Haberler. *J. Farm Econ.*, 20:2:537-40. (900)

Noyes, Frederick Bogue, A.B., D.D.S., D.Sc., LL.D., Professor of Orthodontia, Dean of the College of Dentistry and Director of the Children's Clinic

ARTICLES:

The next seventy-five years of dental education. *Ill. Dent. J.*, 7:336-43.

Noyes, William Albert, Ph.D., LL.D., Chem.D., D.Sc., Professor of Chemistry, Emeritus

ARTICLES:

Disarmament. *Ill. Alumni News*, May, 1939. (1500)

O'Connor, Vincent John, B.S., M.D., Associate Professor of Urology

ARTICLES:

With H. D. Dykhuizen:

Stone in the lower portion of the ureter. *Wis. Med. J.*, Aug., 1938.

REVIEWS:

Urologic surgery. *Arch. Surg.*, Mar., June, Sept., 1938.

Odell, Charles Watters, Ph.D., Associate Professor of Education

REVIEWS:

Statistics in psychology and education (rev.), by H. E. Garrett. *J. Educ. Res.*, 32:1: 47-48. (750)

Educational statistics, by J. E. Wert. *J. Educ. Res.*, 32:8:617-18. (600)

Constructing tests and grading in elementary and high school subjects, by H. D. Rinsland. *Ibid.*, 32:8:620. (550)

Oldberg, Eric, M.D., Ph.D., Professor of Neurology and Neurological Surgery and Head of the Department

ARTICLES:

Subtemporal decompression; indications and surgical technique. *Proc. Inter-State Post Grad. Med. Assoc. N. Amer.*, Nov., 1938.

With Louise Eisenhardt:

Die neurologische Diagnose der Geschwulste des 3. Ventrikels. *Nervenarzt.*, 11:12.

The neurological diagnosis of tumors of the third ventricle. *Trans. Amer. Neurol. Assoc.*, May, 1938, pp. 33-36.

REVIEWS:

Meningiomas: their classification, regional behavior, life history, and surgical end results, by H. Cushing. *Arch. Neurol. and Psychiat.*, 41:3:657-58.

Oldfather, William Abbott, Ph.D., LL.D., Professor of the Classics and Chairman of the Department

BOOKS:

Index verborum Ciceronis epistularum. Univ. of Ill. Press, Urbana, 1938. 584 pp.

ARTICLES:

Pythagoras on individual differences and the authoritarian principle. *Class. J.*, 33:9: 537-39. (900)

In memoriam J. W. Hewitt. *Wesleyan Univ. Alum.*, 23:2:20. (300)

Forty-seven articles on Locrian antiquities. *Paulys Realenzyk. Klass. Altertums.*, 18:2: 19:2. (6500)

Fascism and other isms ancient in origin. *Sci. News Letter*, Feb. 11, 1939. (300)

The dissertation. *Class. Weekly*, 32:20:231-33. (2000)

Tacitus, Annals 6, 59, 4-5 pulsus venarum and spiritus. *Class. Philol.*, 34:2:146-47. (800)

Turkeys or cranes on a Laconian Hydria. *Amer. J. Archaeol.*, 44:1:104-05. (800)

What to read of Cicero in high school and college and why. *Class. Bul.*, 15:8:61-62. (1300)

Oliver, Revilo Pendleton, A.M., Assistant in the Classics

BOOKS:

The little clay cart, translated from the Sanskrit with introduction and notes. Univ. of Ill. Press, Urbana, 1938. 250 pp.

Olkon, David Mortimer, A.M., M.D., Assistant Professor of Psychiatry

ARTICLES:

Chronic subdural hematoma with acute psychotic manifestations: operation and recovery. *J.A.M.A.*, 110:1664-65. (3500)

Outhouse, Julia Pratt, Ph.D., Professor of Nutrition

ARTICLES:

With H. H. Mitchell and others:

The calcium requirements of five pre-school girls. *J. Nutr.*, 17:199-211. (2700)

The utilization of the calcium of milk by pre-school children. *Ibid.*, 17:429-41. (3500)

Overman, Oliver Ralph, Ph.D., Professor of Dairy Chemistry

ARTICLES:

With O. F. Garrett and H. A. Ruehe:

Studies on the keeping quality of butter in cold storage. *Ill. Agr. Exp. Sta. Bul.*, 446, pp. 47-90. (6000)

With W. L. Gaines:

Interrelations of milk-fat, milk-protein, and milk-energy yield. *J. Dairy Sci.*, 21:261-71. (4000)

With B. F. Whitmore:

Determining the salt content of cheese. *Nat. Butter Cheese J.*, Feb., 1939, p. 18. (1550)

Parks, Ralph Rex, A.M., Assistant Professor of Agricultural Engineering Extension

ARTICLES:

Sewing machine adjustment and care. U. of I. Dept. Agr. Eng. Mimeo., 178. (1500)

Outline-selection of electrical equipment (for leading training groups). *Ibid.*, 185. (800)

With E. L. Hansen and C. W. Veach:

An electric fence (rev.). *Ibid.*, 189. (1100)

With W. A. Foster:

Illinois farm building plan service. Mimeo., Nov., 1938. (3000)

Parmelee, Cullen Warner, M.S., D.Sc., Professor of Ceramic Engineering and Head of the Department

ARTICLES:

With L. R. Barrett:

Some pyrochemical properties of pyrophyllite. *J. Amer. Cer. Soc.*, 21:388-93. (1850)

Parrish, Wayland Maxfield, Ph.D., Associate Professor of Speech

BOOKS:

The teacher's speech. Harpers, N. Y., 1939. 228 pp.

Parry, John Jay, Ph.D., Professor of English

ARTICLES:

Geoffrey of Monmouth and the paternity of Arthur. *Speculum*, 13:271-77. (4000)

Arthurian bibliography for 1938 (annual supp.). Mimeo.

REVIEWS:

Arthurian legends in mediaeval art, by R. S. Loomis. *J. Engl. Germ. Philol.*, 38:156-57. (500)

Paton, Robert Frederick, Ph.D., Associate Professor of Physics

ARTICLES:

Report of the annual meeting of the Illinois State Academy of Science. *Science*, 88: 2275:58-59. (1000)

Pease, Theodore Calvin, Ph.D., Professor of History

WORKS EDITED:

American Archivist, 1:3,4; 2:1,2.
Ill. Hist. Coll., 28. lxxiv + 356 pp.

ARTICLES:

The ordinance of 1787. *Miss. Vall. Hist. Rev.*, 25:2:167-80. (5000)
 Lawrence Marcellus Larson, 1868-1938. *J. Ill. Hist. Soc.*, 31:3:245-61. (5000)

REVIEWS:

Western lands and the American revolution, by T. P. Abernethy. *Miss. Vall. Hist. Rev.*, 25:3:399. (300)
 The territorial papers of the United States, VI, by C. E. Carter. *Ibid.*, 25:4:565-66. (400)
 A history of Chicago, I, by Bessie L. Pierce. *Amer. Hist. Rev.*, 43:4:903-04. (500)

Pennington, Leon Alfred, Ph.D., Assistant Professor of Psychology

ARTICLES:

A state's contribution to American Men of Science. *J. Social Psych.*, 9:469-75. (2300)

With R. H. Waters:

The anticipation method in paired associate learning. *J. Psych.*, 6:281-83. (1000)
 Operationism in psychology. *Psych. Rev.*, 45:414-23. (4000)

With W. A. Hunter:

A new apparatus and method for training the rat in auditory discrimination problems. *Science*, 89:87-88. (1000)

REVIEWS:

Psychology and the social order, by J. F. Brown. *J. Social Psych.*, 10:165-73. (3000)

Penzl, Herbert, Ph.D., Assistant Professor of German

ARTICLES:

Lehnwörter mit Mittelenglisch ä vor r im pennsylvanisch-deutschen Dialekt. *J. Engl. Germ. Philol.*, 37:396-402. (2100)
 Der Kampf um eine Standardaussprache in Amerika. *Sprachkunde*, Sept., 1938, pp. 3-5. (2350)
 The vowel in "rather" in New England. *Pub. Mod. Lang. Assoc.*, 53:1186-99. (2300)
 "Kompromissvokal" und Lautwandel. *Anglia*, 63:88-89. (3000)
 Die Bedeutung moderner Dialektaufnahmen für Probleme des Lautwandels. *Proc. 3d Internat. Cong. Phonetic Sci.*, July, 1938, pp. 236-42. (1800)

Perry, Ben Edwin, Ph.D., Associate Professor of the Classics

ARTICLES:

The early Greek capacity for viewing things separately. *Trans. Amer. Philol. Assoc.*, 68:403-27.
 Some addenda to the new Greek lexicon of Liddell and Scott. *Amer. J. Philol.*, 60:29-40.

Peters, J. William, Ph.D., Instructor in Mathematics

ARTICLES:

Notable points associated with a triangle. *Nat. Math. Mag.*, 13:3:122-26. (1000)

Petersen, William F., B.S., M.D., Professor of Pathology

ARTICLES:

With A. Mayne:

Scarlet fever and the meteorological environment. *Arch. Ped.*, 55:682-702. (6000)

Articles (continued)

With A. J. Nedzel:

Dental surgery and endocarditis. *J. Amer. Dent. Assoc.*, 25:1462. (900)

Phelps, Elbridge D., A.B., J.D., Assistant in Business Law

ARTICLES:

The widow's right of election in the estate of her husband. *Mich. Law Rev.*, 37:2:236-72; 37:3:401-29. (30,000)

Phillips, Lyle Winston, A.M., Assistant in Physics

ARTICLES:

Supplementary identifications in the spectra of K, Ca, Sc, and Ti. *Phys. Rev.*, 55:708.

With P. G. Kruger:

Deep terms in Co VI and Ni VII. *Ibid.*, 54:839.
 Sodium-like spectra of K, Ca, and Sc. *Ibid.*, 55:352.

Phlips, Thomas Erwin, Ph.D., Professor of Physical Chemistry

REVIEWS:

Molecular beams, by R. G. J. Fraser. *J.A.C.S.*, 60:3095. (300)

Poncher, Henry George, B.S., M.D., Associate Professor of Pediatrics

ARTICLES:

With G. B. Hassin:

Dystoma musculorum deformans. *Amer. J. Dis. Children*, 57:105-15. (7000)

With C. Stubenrauch:

Intradermal dye test for vitamin C deficiency. *J.A.M.A.*, 111:4. (500)

REVIEWS:

Pediatric surgery, by Brenner. *Ibid.*, 112:5. (300)

Major endocrine disorders, by S. L. Simpson. *Ibid.*, 111:11. (125)

Porter, Francis Marion, M.S., Assistant Professor of General Engineering Drawing

ARTICLES:

By-products of engineering drawing teaching. *J. Eng. Educ.*, 29:2:171. (400)

Potthoff, Edward Frederick, Ph.D., Associate Professor of Education and Educational Consultant

ARTICLES:

Measuring the results of learning. Mimeo., Mar., 1939. (7300)

Price, Charles Coale, III, Ph.D., Associate in Chemistry

ARTICLES:

With J. M. Ciskowski:

The alkylation of naphthalene with alcohols and boron fluoride. The mechanism of the reaction. *J.A.C.S.*, 60:2499-502. (3000)

With H. Kroll:

The kinetics of the periodate oxidation of 1,2-glycols. *Ibid.*, 60:2726-29. (2500)

With C. E. Arntzen:

The mechanism of aromatic bromination. *Ibid.*, 60:2835-37. (2000)

With C. E. Arntzen and C. Weaver:

The reaction of bromine with various samples of phenanthrene. *Ibid.*, 60:2837-39. (1500)

With R. S. Thorpe:

A chemically catalyzed *cis-trans* isomerization. *Ibid.*, 60:2839-41. (1500)

See also Roger Adams.

Price, Hartley D'Oyley, A.M., Assistant Professor of Physical Education for Men

ARTICLES:

- Elementary triples balancing. *Athl. J.*, 19: 4:15-17.
Advanced triples balancing. *Ibid.*, 19:5: 24-25.
Fundamentals of pyramid building. *Ibid.*, 19:6:20.
Ground pyramids. *Ibid.*, 19:7:18-19.

Propst, Duane Willard, A.B., B.S., M.D., Assistant Professor of Medicine

BOOKS:

- The patient is the unit of practice. Charles C. Thomas, Springfield, Ill., 1939. 219 pp.

Prucha, Martin John, Ph.D., Professor of Dairy Bacteriology

ARTICLES:

- The sanitary qualities of whipping cream. *Dairy Mfrs. Conf. Manual*, Univ. of Ill., Nov., 1938, pp. 177-87. (2000)
Are paper milk containers sanitary? *Ibid.*, 2:8-54. (2000)
High temperature pasteurization. *Ibid.*, 2:13-20. (2500)
Sanitary qualities of fruits, nuts, and flavors used in ice cream. *Dairy Conf. Manual*, Ohio State Univ., Feb., 1939. (2000)

Puestow, Charles Bernard, M.D., Ph.D., Associate Professor of Surgery

ARTICLES:

- Changes in intracholedochal pressure following cholecystectomy. *Surg. Gyn. Obstet.*, 67:82-86.
The use of drugs in surgery. *Ibid.*, 68: 121-22.
Surgery of the common bile duct. *Wis. Med. J.*, Dec., 1938.

Quirke, Terence Thomas, E.M., Ph.D., Professor of Geology

BOOKS:

- Geology: for students of applied science. Stipes Publishing Co., Champaign, Ill. 124 pp.

ARTICLES:

- Memorial to William Henry Collins. *Proc. Geol. Soc. Amer.*, 1937, pp. 157-68.
Direct projection of optic figures. *Amer. Miner.*, 23:595-605.
Lectures in geology (edited), in *Popular Educator*, vols. 1-6.
Killarney contact zone restudied (abstract). *Bul. Geol. Soc. Amer.*, 49:1940.

With W. H. Allen:

- Cutler Batholith (abstract). *Ibid.*

With Mary E. Card:

- Deep-zone metamorphism on Lookout Island, Georgian Bay (abstract). *Ibid.*, 49: 1940-41.

With M. J. Deuth:

- Dike rocks of the Lake Panache district (abstract). *Ibid.*, 1941.

With R. N. Keller:

- Mineral resources of the chemical industries. *Econ. Geol.*, 34:289-96.

Randall, J. G., Ph.D., Professor of History

ARTICLES:

- Reconstruction and after. *Va. Qt. Rev.*, 14: 3:455-59. (1450)
What are present-day definitions of "liberal" and of "conservative"? *U. S. News*, July 5, 1938, p. 4. (285)

REVIEWS:

- The constitution reconsidered, ed. by C. Read. *Pa. Hist.*, 6:2:125-27. (1000)
A history of American political thought from the Civil War to the World War, by E. R. Lewis. *Pol. Sci. Q.*, 53:4:613-15. (900)
The hidden Lincoln: from the letters and papers of W. H. Herndon, by E. Hertz. *Amer. Hist. Rev.*, 44:2:409-11. (1100)
Life of Abraham Lincoln, by W. D. Howells. *Ibid.*, 44:3:728. (100)
The life and speeches of Abraham Lincoln and Hannibal Hamlin, ed. by R. Vose. *Ibid.*, 44:3:728. (100)

Rattner, Herbert, M.D., Assistant Professor of Dermatology

ARTICLES:

- Bilateral herpes zoster. *Arch. Derm. Syph.*, 38:436-37. (400)
A device for "continuous" patch tests. *Ibid.*, 38:619-20. (300)
Necrobiosis lipoidica diabetorum. *Ill. Med. J.*, Apr., 1939. (1300)

Rayner, William Horace, C.E., M.S., Assistant Professor of Civil Engineering

ARTICLES:

- Two investigations on transit instruments. *Ill. Eng. Exp. Sta. Circ.*, 32. 17 pp.

Reed, Carlos Isaac, Ph.D., Associate Professor of Physiology

ARTICLES:

- On the nature of the toxic action of vitamin D. *Proc. Soc. Exp. Biol. Med.*, 38:791-92. (600)
The best hygienic conditions for studying. *Med. Student*, Sept., 1938, pp. 14-20. (2500)
Science combats antivivisection. *Illini Scope*, 8:5. (600)

With A. J. Bartoli and J. Feldman:

- The role of the pituitary in the calorogenic action of vitamin D. *Proc. Amer. Physiol. Soc.*, Apr., 1939, pp. 189-90. (100)

With L. Pincussen and M. B. Visscher:

- The relationship of age to the concentration of acid soluble phosphorus in human tissues. *Ann. Int. Med.*, 12:59-70. (8000)

With H. C. Struck and J. L. Cohen:

- The acid soluble phosphorus content of muscle of rats under various diet modifications. *J. Nutr.*, 17:35-41. (2000)

Reed, Russell Harlan, B.S., Associate in Agricultural Engineering

ARTICLES:

- Grading hybrid seed corn for check-row planting. *Agr. Eng.*, 20:4:148. (1000)
Filling Illinois silos. *U. of I. Dept. of Agr. Eng. Mimeo.*, 173. (3000)
Moisture content of field corn. *Ibid.*, 197. (800)
Recirculation of air in a seed corn drier. *Ibid.*, 200. (2000)
With R. F. Skelton:
Notes on corn grading. *Ibid.*, 192. (4200)

Reich, Herbert Joseph, Ph.D., M.E., Professor of Electrical Engineering

BOOKS:

- Theory and applications of electron tubes. McGraw-Hill Book Co., N. Y., 1939. 631 + xii pp.

ARTICLES:

- New vacuum-tube counting circuits. *Rev. Sci. Instr.*, 9:222-23. (875)

REICH, H. J.—Articles (continued)

Trigger circuits. *Proc. Ill. Acad. Sci.*, 31: 207. (750)

With W. A. Depp:

Dynamic characteristics of glow discharge tubes. *J. Applied Phys.*, 9:421-26. (2400)

Reid, Ernest Alexander, M.S., E.E., Associate Professor of Electrical Engineering

ARTICLES:

Things every plant operator should know about electrical energy. *Ice Cream Short Course Manual*, 1939, pp. 19-25. (3000)

Richart, Frank Erwin, M.S., C.E., Research Professor of Engineering Materials

ARTICLES:

With R. F. Jensen:

Short time creep tests of concrete in compression. *Proc. A.S.T.M.*, 38:2:410-19. (4000)

With R. H. Heitman:

Tests of reinforced concrete columns under sustained loading. *J. Amer. Concr. Instit.*, 10:1:33-38. (2400)

With T. J. Dolan and T. A. Olson:

An investigation of rigid frame bridges. Part I: Tests of reinforced concrete knee frames and bakelite models. *Ill. Eng. Exp. Sta. Bul.*, 307. (18,000)

REVIEWS:

Tests of strength properties of chilled car wheels. *Railway Mech. Eng.*, July, 1938, p. 277. (400)

A study of fine aggregate in freshly mixed mortars and concretes, by C. A. G. Weymouth. *Proc. A.S.T.M.*, 38:2:376-77. (600)

Measuring Young's modulus of elasticity by means of sonic vibrations, by T. C. Powers. *Ibid.*, 38:2:468. (200)

The resistance of reinforced concrete columns to eccentric loads. (Close of discussion). *J. Amer. Concr. Instit.*, 9:6:420-25. (300)

Roberts, Elmer, Ph.D., Professor of Animal Genetics

ARTICLES:

With Isaac Shour:

Hereditary opalescent dentine (dentinogenesis imperfecta). *Amer. J. Orthod. and Oral Surg.*, 25:3:267-76. (1600)

Roberts, Paul Carmen, B.S., LL.B., Associate in Business Law

See E. R. Dillavou.

Robertson, William Spence, Ph.D., Professor of History and Head of the Department

BOOKS:

La vida de Miranda. Translated by J. E. Payro. Casa Hacoabo Peuser, Buenos Aires, 1938. 486 pp.

ARTICLES:

Spanish America: the revolutionary period. *Handbook of Latin American Studies: a selective guide to material published in 1937*, pp. 290-303. (5000)

Robinson, Florence Bell, M.L.D., Assistant Professor of Landscape Architecture

BOOKS:

Useful trees and shrubs. Garrard Press, Champaign, Ill., 1938.

ARTICLES:

Gardens of old China. *Country Life*, 75:6:84. (4500)

Rodebush, Worth Huff, Ph.D., Professor of Physical Chemistry

ARTICLES:

With A. M. Buswell:

Association through hydrogen. *J. Phys. Chem.*, 43:219-30. (3500)

With A. M. Buswell and M. F. Roy:

Infrared absorption studies. V. Association in the carboxylic acids. *J.A.C.S.*, 60:2239-44. (3000)

Infrared absorption studies. VI. Association in the acid amides and oximes. *Ibid.*, 60: 2444-49. (3000)

Infrared absorption studies. VII. Complex formation due to hydrogen bonding. *Ibid.*, 60:2528-31. (2000)

Rogers, Samuel Perry, A.B., M.D., Instructor in Orthopaedics

ARTICLES:

Avulsion of tendon of attachment of biceps brachii. *J. Bone and Joint Surg.*, 21:1:197.

Rose, William Cumming, Ph.D., Professor of Biochemistry

ARTICLES:

With S. H. Eppstein:

The dietary indispensability of valine. *J. Biol. Chem.*, 127:677. (2600)

Rosenthal, Sol Roy, M.D., Ph.D., Associate in Bacteriology and Public Health

BOOKS:

The general tissue and humoral response to an avirulent tubercle bacillus. Univ. of Ill. Press, Urbana, 1938. 184 pp.

ARTICLES:

The multiple puncture method of BCG vaccination. *Amer. Rev. Tuberc.*, 34:1:128-34. (3000)

With D. Minard:

Histamine the chemical mediator for pain (abstract). *Proc. Amer. Physiol. Soc.*, Apr., 1939.

Ross, Edward, M.D., Assistant in Psychiatry See A. A. Low.

Ruehe, Harrison August, Ph.D., Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

Recipes for making sour cream. *Milk Plant Mo.*, 27:5:66. (320)

Water tower or spray nozzles for small refrigeration plant. *Ibid.*, 27:5:67. (400)

Making old-style cultured buttermilk. *Ibid.*, 27:6:60. (400)

Keep ammonia pure in refrigerating machine. *Ibid.*, 27:6:61. (250)

Percentage of cream layer and temperature of heating medium. *Ibid.*, 27:7:59. (385)

Preparation of whipped cream for market. *Ibid.*, 27:7:59. (260)

Bleaching butter when it is too dark. *Ibid.*, 27:7:60. (75)

Making cultured buttermilk from powdered skim milk. *Ibid.*, 27:7:60. (215)

How to make cereal cream and coffee cream that will not feather. *Ibid.*, 27:7:60. (300)

Cream forms white film and beads of oil on coffee. *Ibid.*, 27:7:61. (160)

Closed pasteurizer, if clean, causes no flavor. *Ibid.*, 27:7:61. (315)

Factors which cause coffee cream to feather. *Ibid.*, 27:8:68. (400)

Effect of different metals on flavor of milk. *Ibid.*, 27:8:69. (315)

RUEHE, H. A.—Articles (continued)

- What to do with frozen cream left at end of season. *Ibid.*, 27:9:66. (500)
- Nutritive value of protein from milk, eggs, meat, and soybeans. *Ibid.*, 27:9:67. (400)
- Alcohol test for milk quality—detecting mastitis. *Ibid.*, 27:10:104. (550)
- Causes of weedy taste and of cheesy lumps in milk. *Ibid.*, 27:10:104. (215)
- Delivery cost per gallon and profit at wholesale and retail. *Ibid.*, 27:10:105. (275)
- Methods of making old-fashioned buttermilk. *Ibid.*, 27:11:68. (460)
- Flavor of milk as affected by homogenization. *Ibid.*, 27:11:69. (160)
- Oat flour products as anti-oxidants in cream and butter. *Ibid.*, 27:12:70. (450)
- Storage cream will not whip; fresh cream should be used. *Ibid.*, 27:12:71. (215)
- Cause for film of milk in bottom of cottage cheese vat. *Ibid.*, 27:12:71. (225)
- Pasteurizing cream for best results and keeping it heavy. *Ibid.*, 28:1:60. (510)
- Paying drivers on collections or on deliveries. *Ibid.*, 28:1:61. (350)
- Quick method for determining fat and moisture in butter. *Ibid.*, 28:2:68. (1000)
- Causes of cream plug and how to prevent it. *Ibid.*, 28:2:70. (225)
- Why too much acidity in buttermilk. *Ibid.*, 28:2:71. (190)
- Disposing of waste water from milk plants. *Ibid.*, 28:3:74. (520)
- Another truck or a horse and wagon—that is the question. *Ibid.*, 28:3:75. (350)
- Various cheeses from a cottage cheese base. *Ibid.*, 28:3:76. (220)
- Egg nog, chocolate malted, and prune juice drinks. *Ibid.*, 28:4:69. (270)
- Sediment in homogenized milk, its cause and prevention. *Ibid.*, 28:4:69. (200)
- Titratable acidity of milk and cream and lactic acid content. *Ibid.*, 28:4:70. (235)
- What food below the cream line? *Ibid.*, 27:9:48. (1200)
- Once more, detailed instructions on how to make cultured buttermilk. *Ibid.*, 27:7:56. (970)
- What can be done to bring about increased ice cream consumption through the study of consumer interests. *Ice Cream Short Course Manual*, 1939. (1500)
- Utilization of skimmed milk. *Pure Milk*, 13:2:11. (1850)
- Controlling the flavor in butter. *Dairy Mfrs. Conf. Manual*, Nov., 1938. (2600)
- Getting the maximum results from the refrigerating system. *Can. Dairy and Ice Cream J.*, 17:10:53. (2100)
- Operation of the cream receiving station. *Ill. Agr. Exp. Sta. Circ.*, 487.

With O. R. Overman and O. F. Garrett:

Studies on the keeping quality of butter in cold storage. *Ill. Agr. Exp. Sta. Bul.*, 446.

With S. L. Tuckey and G. L. Clark:

An x-ray diffraction analysis of Cheddar cheese. *Dairy Sci.*, 21:12:777-89. (6500)

An x-ray diffraction analysis of casein. *Ibid.*, 21:12:767-75. (4300)

Russell, Frederic Arthur, Ph.D., Professor of Business Organization and Operation

REVIEWS:

- Tested sales compensation plans, compiled by the editors of "Printers' Ink." *J. Marketing*, 3:1:116. (450)
- Outdoor advertising, by H. Agnew. *Ibid.*, 3:4:417-18. (700)

Sachs, Mandel, M.D., Assistant in Psychiatry
See A. A. Low.

Sanford, Charles Wilson, Ph.D., Assistant Professor of Education and Principal of University High School

BOOKS:

With W. Habberton and Liesette J. McHarry: *Manual for practice teaching*. Stipes Publishing Co., Champaign, Ill., 1939. 71 pp.

REVIEWS:

Educational significance of analysis, appraisal, and use of textbooks in junior and senior high school, by J. A. Clement. *Curriculum J.*, 10:3:137-38.

Sarma, P. Joseph, M.D., M.S., Associate Professor of Surgery

ARTICLES:

Varicose veins and their management. *Ravenswood Hosp. Bul.*, 2:1-6.
The modern treatment of varicose veins. *Amer. J. Clin. Med. Surg.*, 46:4:170-72.

Saunders, Mrs. Alta Gwinn, A.M., Professor of Business English

ARTICLES:

Report of the committee on course content and teaching methods in business writing. *Amer. Bus. Writing Assoc. Bul.*, Jan., 1939, pp. 8-11. (2000)

With D. F. Mulvihill:

A survey of courses in business writing in the State of Illinois. *Ibid.*, Mar., 1939, pp. 4-5. (1500)

Schlatter, Charles F., M.S., C.P.A., Professor of Accountancy and Associate Dean of the College of Commerce

BOOKS:

Advanced cost accounting. John Wiley and Sons, N.Y., 1939. 217 pp.

Schneider, Maurice, M.D., Instructor in Pediatrics

ARTICLES:

With M. L. Blatt and S. J. Hoffman:

Rabies—report of twelve cases with a discussion of prophylaxis. *J.A.M.A.*, 111:688-91. (1200)

See also R. D. Herrold.

Schneider, Philip Frederic, M.D., Instructor in Obstetrics and Gynecology

ARTICLES:

Estrogenic therapy of menopausal disorders. *Ill. Med. J.*, 75:1:57-61. (2500)

The value of endocrines in adult female life. *Med. Press and Circ.*, Feb. 1, 1939. (3500)

Schour, Isaac, D.D.S., Ph.D., Professor of Histology and Head of the Department

ARTICLES:

Tooth development. Chapter in *Gordon's Dental Science and Dental Art*, Lea and Febiger, 1938. (10,000)

Experimental dental histophysiology. *Ibid.* (10,000)

With R. Kronfeld:

Studies in tooth ring analysis. IV. Neonatal dental hypoplasia. *Arch. Path.*, 26:2:471-90. (5500)

Neonatal dental hypoplasia. *J. Amer. Dent. Assoc.*, 26:18:32. (4400)

With E. Roberts:

Hereditary opalescent dentine (dentinogenesis imperfecta). *Amer. J. Orthod. Oral Surg.*, 25:3:267-76. (2200)

SCHOUR, ISAAC—Articles (continued)*With M. M. Hoffman:*

Effects of alizarine red S injections on the teeth and bones of *Macacus rhesus* monkey. *Proc. Soc. Exp. Biol. Med.*, 37:710-11. (360)

Studies in tooth development. I. The 16 microns calcification rhythm in the enamel and dentin from fish to man. *J.D.R.*, 18:1:91-102. (2500)

Studies in tooth development. II. The rate of apposition of enamel and dentin in man and other mammals. *Ibid.*, 18:2:161-75. (3000)

Rate and gradients of growth in the rat molar as demonstrated by injections of alizarine red S. *Ibid.*, 17:307-08. (200)

With M. M. Hoffman and M. C. Smith:

Effect of vitamin A deficiency on the rate of apposition of dentin. *Proc. Soc. Exp. Biol. Med.*, 39:3:447-50. (400)

Schrader, Herman John, M.S., Associate Professor of Railway Mechanical Engineering**ARTICLES:**

The friction of railway brake shoes at high speed and high pressure. *Ill. Eng. Exp. Sta. Bul.*, 301. 52 pp.

Heat checking of chilled iron car wheels and strains developed under long-continued applications of brake shoes. *Amer. Eng. Ind.*, 15:7:321-26. (4000)

Schroeder, Paul Louis, B.S., M.D., Professor of Criminology, Social Hygiene, and Medical Jurisprudence, Head of the Department, and Director of the Institute for Juvenile Research**ARTICLES:**

The treatment of juvenile delinquents. *Welfare Bul.*, 30:3:13. (800)

Schultz, Louis William, B.S., D.D.S., M.D., Assistant Professor of Oral Surgery**ARTICLES:**

Anodontia: report of a case. *Dent. Dig.*, 44:5:12-13; *Oral Hygiene* (Spanish ed.), Dec., 1938. pp. 25-29. (500)

Cleft palate surgery. *Ill. Med. J.*, 75:2:127-31. (3400)

Scott, Harold William, Ph.D., Assistant Professor of Geology**ARTICLES:**

A stomatopod from the Mississippian of central Montana. *J. Paleontol.*, 12:5:508-10. (1450)

Eocene glaciation in southwestern Montana. *J. Geol.*, 46:4:628-36. (2500)

Scuderi, Carlo Salvatore, M.D., M.S., Associate in Surgery**Books:**

Basic principles of fractures. Mimeo., published privately, 1939. 118 pp.

ARTICLES:

Discussion of fat embolism. *Ind. Med.*, 7:436-41.

With W. R. Cubbins and J. J. Callahan:

Fractures of the neck of the femur. *Surg. Gyn. Obstet.*, 68:87-94.

Compound fractures of the elbow joint in adults. *Amer. J. Surg.*, Dec., 1938, pp. 627-32.

Sears, Ogle Hesse, Ph.D., Professor of Soil Biology**ARTICLES:***With M. D. Appleman:*

Some microbiological aspects of the Morrow plot soils (abstract). *Proc. Soil Sci. Soc. Amer.*, 3:86. (200)

Second, Arthur Wellesley, Ph.D., Associate Professor of English**BOOKS EDITED:**

Defoe's "Review," reproduced from the original editions, with an introduction and bibliographical notes. Columbia Univ. Press, N.Y., 1938. 22 vols.

ARTICLES:

Defoe's "Review." *Times Lit. Supp.* (London), 37:1897:408; 37:1904:508. (600)

Serber, Robert, Ph.D., Assistant Professor of Physics**ARTICLES:**

Transition effects of cosmic rays in the atmosphere. *Phys. Rev.*, 54:317-20. (2250)

With J. R. Oppenheimer:

On the stability of stellar neutron cores. *Ibid.*, 54:540. (900)

Severns, William H., M.S., Professor of Mechanical Engineering**ARTICLES:***With P. E. Mohn:*

Report of conference on air conditioning. *Ice and Refrig.*, 96:4:289. (1600)

Equipment, well water, body temperatures discussed at air conditioning conference. *Heat. Vent.*, 36:4:24-25. (1000)

Seybolt, Robert Francis, Ph.D., Professor of the History of Education**Books:**

The public schoolmaster of colonial Boston. Harvard Univ. Press, Cambridge, Mass., 1939. 32 pp.

The town officials of colonial Boston. *Ibid.*, 416 pp.

Sharp, Robert Phillip, Ph.D., Instructor in Geology**ARTICLES:**

Pleistocene glaciation in the Ruby-East Humboldt Range, northeastern Nevada. *J. Geomorphol.*, 1:4:296-323. (11,000)

The Miocene Humboldt formation in northeastern Nevada. *J. Geol.*, 47:2:133-60. (10,000)

Basin-range structure of the Ruby-East Humboldt Range, Nevada (abstract). *Geol. Soc. Amer. Bul.*, 49:12:1899-1900. (225)

Shaw, Edward Pease, Ph.D., Instructor in French**ARTICLES:**

Jacques Cazotte, illuminist and man of letters. *Summaries of Theses, 1937*, Harvard Univ., pp. 311-14. (1200)

Une lettre de Jacques Cazotte au duc de Choiseul. *Rev. d'histoire diplomatique*, 1938, 2:226-34. (3100)

New facts relating to the biography of Jacques Cazotte. *Mod. Lang. Notes*, 54:1:19-28. (2600)

Shelford, Victor Ernest, Ph.D., Professor of Zoology and Acting Head of the Department**ARTICLES:**

To ecologists. *Bul. Ecol. Soc. Amer.*, 19:23-24. (200)

SHELFORD, V. E.—Articles (*continued*)

A communication. *Ibid.*, 20:5. (100)
 Conservation of wild life. Chapter 19 in
Our National Resources and Their Con-
servation (2d ed.), by Parkins and Whit-
 aker. (25,000)

Shelton, Harold, B.S., M.D., Instructor in
 Dermatology

ARTICLES:

Dermatitis from the use of dry shavers.
J.A.M.A., 110:21. (1800)

Shepard, Francis Parker, Ph.D., Professor of
 Geology

ARTICLES:

Classification of marine shorelines: a reply.
J. Geol., 16:7:996-1006. (4000)
 Origin of the Great Lakes Basins. *Smith-*
sonian Rpt., 1937, pp. 269-77. (3000)
 Submarine canyons: distribution and longi-
 tudinal profiles. *Geog. Rev.*, 28:3:439-51.
 (3600)
 Submarine canyons off the California coast.
Calif. J. Mines Geol., July, 1938, pp.
 298-310. (3400)
 The enigma of the submarine canyons. *Sci.*
Amer., 159:3:130-32. (1500)
 Under tow. *Science*, 89:2300:78-79. (500)

Sherman, Mrs. Irene Case, Ph.D., M.D., As-
 sociate in Psychiatry

ARTICLES:

With Nelda M. Lukins:
 The effect of verbal stimulation on the out-
 put of work of retarded psychotic patients
 in occupational therapy. *Occup. Ther.*
Rehabil., 17:6:381-89. (3500)

REVIEWS:

Autogenes training als Erlehuiss, by Dorothea
 Hengel. *Arch. Neurol. Psychiat.*, 41:2:
 433-34. (300)

Shields, John Bickford, Ph.D., Assistant in
 Animal Nutrition
 See H. H. Mitchell.

Shkolnik, Samuel, Ph.G., Instructor in
 Pharmacy

ARTICLES:

Fair trade—past, present. *J.A.Ph.A.*, 27:6:
 512-17. (3300)
 Patent and proprietary medicines—the eco-
 nomic effects of their present legal status.
Ibid., 27:10:904-09. (2800)
 Patent and proprietary medicines. *Drug*
Progress, J. Ill. Pharm. Assoc., 2:5:3.
 (900)
 Responsibility of pharmaceutical profession.
Ibid., 2:5:23. (425)
 Pharmacy law proposals. *Ibid.*, 2:8:11. (1200)
 The federal food, drug, and cosmetic act.
Ibid., 2:9:17-18. (1500)
 Liquor in drug stores. *Ibid.*, 3:2:15. (900)
 "Concessions" and unemployment compensa-
 tion. *Ibid.*, 3:4:13. (900)
 The proposed "sales below cost" act. *Ibid.*,
 2:12:12. (900)
 The lawmakers convene. *Ibid.*, 3:1:10-11.
 (1100)

Shriner, Ralph Lloyd, Ph.D., Professor of
 Organic Chemistry

BOOKS:

Quantitative analysis of organic compounds.
 Edwards Bros., Ann Arbor, Mich., 1938.
 63 pp.

ARTICLES:

With John Anderson:

Derivatives of coumaran. II. Condensation
 of aliphatic aldehydes and ketones with
 6-methoxycoumaran-3-one. Reduction of
 2-isopropylidene-6-methoxycoumaran-3-one.
J.A.C.S., 60:1415-17. (2000)

Derivatives of coumaran. III. O-acetylation
 of 6-methoxycoumaran-3-one. *Ibid.*, 60:
 1418-19. (1800)

With Harry Sutherland:

Anomalous mutarotation of salts of Reych-
 ler's acid. V. Comparison of the absorp-
 tion spectrum of 2-(N-methylketimine)-*d*-
 camphane-10-sulfonic acid with the spectra
 of other camphane derivatives. *Ibid.*, 60:
 1314-16. (2500)

With J. H. Shotten and H. Sutherland:

Anomalous mutarotation of salts of Reych-
 ler's acid. VI. Synthesis and structure of
 the sultam of 2-(N-methylamino)-*d*-cam-
 phane-10-sulfonic acid. *Ibid.*, 60:2794-96.
 (1250)

With J. M. Cross:

Urethans as local anesthetics. IV. Alkyl
 N-(*p*-aminobenzyl)-carbamates. *Ibid.*, 60:
 2338-40. (2000)

With J. H. Hickey:

Urethans as local anesthetics. V. Alkyl
 γ -diethylaminopropylcarbamates. *Ibid.*, 61:
 888-89. (1600)

With G. B. Brown:

Salts of nitro compounds. III. The reac-
 tion of the silver salt of phenylnitroace-
 tonitrile with diphenylbromomethane. *J.*
Org. Chem., 2:560-68. (4500)

Siebert, Fredrick Seaton, A.B., J.D., Associ-
 ate Professor of Journalism

ARTICLES:

Some notes on the course in law of the
 press. *Journ. Q.*, 15:3:289-91. (2000)

PERIODICAL EDITED:

Ill. Press Assoc. Bul., Jan.-May, 1939.

Siegel, Henry Abraham, B.S., M.D., Associate
 in Medicine

See S. A. Levinson.

Singer, Harold Douglas, M.D., Professor of
 Psychiatry, Head of the Department, and
 Director of the Psychiatric Institute

ARTICLES:

Psychosis and the central autonomic nervous
 system. *J.A.M.A.*, 110:2048-53.

Singh, Alamjit Dhaliwal, M.S., Special Re-
 search Assistant in Chemical Engineering

ARTICLES:

A survey of sulphur dioxide pollution in
 Chicago and vicinity. *Ill. Eng. Exp. Sta.*
Bul., 36. 32 pp.

With F. A. Chambers and I. A. Deutch:

Atmospheric pollution in a city and what it
 means to the engineer. *Heating, Piping,*
Air Conditioning, 10:10:647-49. (1400)

Skorodin, Bernard, M.D., M.S., Assistant in
 Psychiatry

ARTICLES:

With S. Maurer, H. O. Wiles, and M. L.
 Fisher:

Blood chemical changes occurring in the
 treatment of psychogenic mental disorders
 by metrazolconvulsions. *Amer. J. Psychiat.*,
 94:6.

Smith, Bunnie Othanel, A.M., Associate Professor of Education

Books:

Logical aspects of educational measurement. Columbia Univ. Press, N.Y., 1938. 182 pp.

ARTICLES:

Is history a prerequisite to the study of social problems? *Social Studies*, 29:5:206-10. (4000)

Spring and summer curriculum conferences. *Curriculum J.*, 9:6:250-56. (3500)

REVIEWS:

Democracy and the curriculum, ed. by Harold Rugg. *Ibid.*, 10:3:139-40. (700)

Bodily rhythmic movements of young children in relation to rhythm in music, by Helen Christianson. *Ibid.*, 10:2:86. (400)

Smith, G. Frederick, Ph.D., Professor of Chemistry

Books:

Cupferron and neo-cupferron. G. Frederick Smith Chemical Co., Columbus, Ohio, 1938. 47 pp.

ARTICLES:

With C. A. Getz:

Cerate oxidimetry. Evaluation of solutions using sodium oxalate, arsenious acid, and iron as standards of reference, and ferroin and nitro-ferroin as indicators. *Ind. Eng. Chem., Anal. Ed.*, 10:304-06. (2000)

With Sister M. Josetta Butler and L. F. Audrieth:

Sulfamic acid as a standard of reference in acidimetry. *Ibid.*, 10:690-92. (3000)

With R. L. May:

Use of bromate in volumetric analysis. VII. Potentiometric titration of hydroxyquinoline. *J. Amer. Cer. Soc.*, 22:1:31-33. (2000)

Smith, Guy Donald, A.M., Associate in Soil Physics and Soil Survey

ARTICLES:

With L. H. Smith:

St. Clair County soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 63. (12,600)

Smith, Louie Henrie, Ph.D., Chief in Charge of Publications of Soil Survey

ARTICLES:

With R. S. Smith and H. Wascher:

Vermilion County soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 62. (14,000)

With G. D. Smith:

St. Clair County soils. *Ibid.*, 63. (12,600)

Smith, Raymond Stratton, Ph.D., Professor of Soil Physics

ARTICLES:

With H. Wascher and L. H. Smith:

Vermilion County soils. *Ill. Agr. Exp. Sta. Soil Rpt.*, 62. (14,000)

Smith, Robert Chester, Jr., Ph.D., Associate in Art

ARTICLES:

Three Brazilian landscapes by Frans Post. *Bul. Pan Amer. Union*, 73:5:271-75. (8700)

Sao Luis do Maranhao. *Pan Amer. Traveler*, 1:1:4-7. (3900)

The Brazilian landscapes of Frans Post. *Art Qt.*, 1:4:239-67. (30,000)

Minas Geraes no desenvolvimento da arquitetura religiosa colonial. *Bol. Cent. Estud. Hist.*, 2:3:3-19.

REVIEWS:

Conferencias na Europa, by G. Freyre. *Qt. J. Inter-Amer. Relations*, 1:2:140-43. (4700)

Snider, Clyde Frank, Ph.D., Associate in Political Science

ARTICLES:

State control over counties and townships in Indiana. *John Marshall Law Qt.*, 3:4:556-69. (6000)

Functional consolidation in Champaign-Urbana, Illinois. *Nat. Munic. Rev.*, 27:7:378-79. (500)

County and township government in 1937. *Amer. Pol. Sci. Rev.*, 32:5:936-56. (7000)

Recent publications of political interest (bibliography). *Ibid.*, 32:3:603-33; 32:4:811-40; 32:5:1020-47; 32:6:1215-39; 33:1:153-82; 33:2:350-75. (50,000)

Snyder, Harold Ray, Ph.D., Associate in Chemistry

ARTICLES:

The cleavage of benzyldimethylphenylammonium chloride by certain sulfur-containing salts. *J.A.C.S.*, 61:668-70.

With R. H. Levin and P. F. Wiley:

The reaction of acid anhydrides with anils. *Ibid.*, 60:2025-27.

Solomon, Alfred P., A.B., M.D., Assistant Professor of Psychiatry

ARTICLES:

With C. W. Darrow and M. Blaurock:

Blood pressure and palmar sweat (galvanic) responses of psychotic patients before and after insulin and metrazol therapy; a physiologic study of resistant and cooperative attitudes. *Psychosomatic Med.*, 1:1:118-37. (13,500)

Spaeth, J. Nelson, M.F., Ph.D., Professor of Forestry and Head of the Department

ARTICLES:

A workable national forestry program. *J. Forestry*, 37:2:89-90. (1400)

With C. H. Diebold:

Some interrelationships between soil characteristics, water tables, soil temperature, and snow cover in the forest and adjacent open area in south-central New York. *Cornell Univ. Agr. Exp. Sta. Memoir*, 213. (30,000)

Spellberg, Mitchell Abraham, M.D., M.S., Assistant in medicine

ARTICLES:

Toxicity of sulfanilamide. *Ill. Med. J.*, 75:366. (1200)

Stafford, George Thomas, Ed.D., Professor of Physical Education for Men

Books:

Sports for the handicapped. Prentice-Hall, N.Y., 1939. 302 pp.

With S. C. Staley:

A sports curriculum. Stipes Publishing Co., Champaign, Ill., 1938. 116 pp.

Starr, David Wright, A.M., Assistant in Mathematics

ARTICLES:

Enrichment materials for first-year algebra. *Math. Teacher*, 32:2:68-77. (4600)

Stauffer, Russell Scott, Ph.D., Assistant Chief in Soil Physics and Soil Survey

ARTICLES:

Infiltration capacity of some Illinois soils. *Amer. Soc. Agron.*, 30:6:493-500. (2500)

Stearns, Raymond Phineas, Ph.D., Assistant Professor of History

REVIEWS:

Letters of John Davenport, Puritan Divine, ed. by Isabel M. Calder. *Church Hist.*, 7:3:284-85. (600)

The Marian exiles: a study in the origins of Elizabethan Puritanism, by Christina H. Garrett. *Ibid.*, 8:1:97-98. (800)

The Puritans, by Perry Miller and T. H. Johnson. *Harv. Educ. Rev.*, 9:2:250-52. (1200)

Steck, Irving Elihu, M.S., M.D., Instructor in Medicine and in Physiology

See E. Gellhorn.

Steggerda, Frederic Russell, Ph.D., Assistant Professor of Physiology and Secretary of the Department

ARTICLES:

With S. W. Gray:

Comparison of the beats in three- and four-chambered hearts. *Proc. Soc. Exp. Biol. Med.*, 39:269-70. (500)

With C. Gianturco and H. E. Essex:

The action of pituitary extracts on the colon of the cat. *Amer. J. Physiol.*, 123:2:400-03. (1100)

With A. L. Soderwall:

Relationship of the pars tuberalis to melanophore response in *Amphibia* (*Rana pipiens*). *J. Cell. Comp. Physiol.*, 13:1:31-37. (2000)

See also H. H. Mitchell.

Steigmann, Frederick, M.D., M.S., Associate in Medicine

With Josephine M. Dyniewicz:

Urinary elimination of free phenolphthalein no test for gastro-intestinal ulceration. *Amer. J. Dig. Dis.*, 6:2:120-22. (1500)

With R. D. Barnard and Josephine M. Dyniewicz:

Phenolphthalein studies: phenolphthalein in jaundice. *Amer. J. Med. Sci.*, 196:5:673-88. (7000)

With K. A. Meyer:

Surgical jaundice—diagnostic considerations. *Surg. Gyn. Obstet.*, 67:5:640-45. (3500)

With M. Mass:

Carcinoma in clinically benign gastric ulcer. *Ill. Med. J.*, Feb., 1939. (2000)

Stevens, Neil Everett, Ph.D., Professor of Botany

ARTICLES:

Departures from ordinary methods in controlling plant diseases. *Bot. Rev.*, 4:429-45.

Fluctuations in the incidence of corn ear rots in the corn belt, 1935-37. *Plant Dis. Reporter*, 22:129-33.

Incidence of ear rots in the 1937 corn crop. *Ibid.*, 22:375-77.

With C. M. Haenseler:

Fifth experimental forecast of the incidence of bacterial wilt of sweet corn. *Ibid.*, 23:99-104.

Stewart, Francis Leslie, Ph.D., Professor of Agricultural Economics

ARTICLES:

Conversion of soil ratings into land values. *Ill. Assessors' Manual*, 1939, p. 131. (3300)

Hard roads and the land. *Better Roads*, 8:12:15-16. (2000)

Land rents and land values in Italy. *J. Farm Econ.*, 21:1:273-75. (1150)

Increasing the accuracy of land appraisals in European countries. U. of I. Dept. of Agr. Econ. Mimeo., 993. (5000)

Straub, Frederick G., M.S., Met.E., Special Research Associate Professor of Chemical Engineering

ARTICLES:

With T. A. Bradbury:

New methods for preventing embrittlement. *Mech. Eng.*, 60:5:371-76. (3600)

A method for the embrittlement testing of boiler waters. *Proc. A.S.T.M.*, 1938, vol. 38, pt. 2. (5000)

With E. E. Nelson:

Corrosion in partially dry steam-generating tubes. *Mech. Eng.*, 61:3:199-202; *Combustion*, 10:10:38-39. (2000)

Streicher, Michael Henry, M.S., M.D., Assistant Professor of Medicine

ARTICLES:

Clinical course of chronic ulcerative colitis. *Amer. J. Dig. Dis.*, 5:6:361-63.

Diarrhea—gastro-colic fistula. *Ill. Med. J.*, Jan., 1938.

Struck, Harold Carl, Ph.D., Associate in Physiology

ARTICLES:

With E. B. Plattner:

A study of the Pharmacological effects of certain saturated fluorocarbons. *Proc. Amer. Physiol. Soc.*, Apr., 1939, p. 224.

See also C. I. Reed.

Sukov, Marvin, A.B., B.S., M.D., Instructor in Criminology, Social Hygiene, and Medical Jurisprudence

ARTICLES:

Habeas corpus and the insanity plea. *Proc. Amer. Prison Cong.*, 1938, pp. 304-10. (3000)

Summers, Walter Lee, A.B., LL.B., J.D., Professor of Law

BOOKS:

Treatise on the law of oil and gas. 8 vols. Vernon Law Book Co., Kansas City, 1938. 4609 pp.

ARTICLES:

The modern theory and practical application of statutes for the conservation of oil and gas. *Tulane Law Rev.*, 13:1-18.

Sutton, Arle Herbert, Ph.D., Associate Professor of Geology

ARTICLES:

Taxonomy of Mississippian Productidae. *J. Paleontol.*, 12:6:527-69. (23,000)

Fossils from Northern Pacific Well No. 1 and Westphal Permit Well. *Bul. Amer. Assoc. Petroleum Geol.*, 23:4:472-75. (1100)

With W. W. Hagan:

Inadunate crinoids of the Mississippian-Zeacrinus. *J. Paleontol.*, 13:1:82-96. (11,000)

Swain, Joseph Ward, Ph.D., Professor of History

BOOKS:

Beginning the twentieth century: a history of Europe from 1870 to the present (rev. ed.). W. W. Norton and Co., 1938. xv + 772 pp.

REVIEWS:

Edward Gibbon, 1737-1794, by D. M. Low. *Amer. Hist. Rev.*, 43:4:431. (275)

A history of the Greek world from 479 to 323 B.C., by M. L. W. Laistner. *Class. Philol.*, 33:3:334-35. (575)

The Roman's world, by F. G. Moore. *Ibid.*, 33:4:436-37. (250)

Swann, Sherlock, Jr., Ph.D., Research Associate Professor of Chemical Engineering

ARTICLES:

With G. D. Lucker:

The electrolytic reduction of benzoic acid to benzyl alcohol. *Trans. Electrochem. Soc.*, 75, preprint 11 (1939). (3500)

With K. K. Kearby and S. S. Kistler:

Aerogel catalysts: conversion of alcohols to amines. *Ind. Eng. Chem.*, 30:1082. (3500)

Takats, Geza de, M.D., M.Surg., Associate Professor of Surgery

ARTICLES:

With R. B. Capps:

The late effects of bilateral carotid sinus denervation in man. *J. Clin. Invest.*, 17: 385-89.

With A. D. Biggs:

Observations on congenital megacolon. *J. Pediat.*, 13:819-46.

With G. W. Scupham, T. R. Van Dellen, and W. C. Beck:

Vascular diseases: a review of some of the recent literature, with a critical review of the surgical treatment. *Arch. Int. Med.*, 62:482-539.

Talbot, Arthur Newell, C.E., D.Sc., D.Eng., LL.D., Professor of Municipal and Sanitary Engineering, Emeritus

ARTICLES:

Report of special committee on stresses in railroad track. *Bul. Amer. Ry. Eng. Assoc.*, 400:625-26. (800)

Discussion on stresses in railroad track. *Ibid.*, 404:53-72. *Proc. Amer. Ry. Eng. Assoc.*, 39:857-76. (7000)

Tanner, Fred Wilbur, Ph.D., Professor of Bacteriology and Head of the Department

ARTICLES:

The present status of the paper milk container. *J. Milk Technol.*, 2:4-15. (10,000)
Microbial flora of paper containers. *Amer. J. Pub. Health*, 28:587-92. (3100)
Milk containers. *Dairy Ind.*, 3:125. (7600)
Bacteriology in high school biology. *Sci. Teacher*, 6:1-6. (3800)

With P. R. Beamer:

Resistance of non-spore-forming bacteria to heat. *Zent. f. Bakt.*, 2:100:81-98. (8600)
Heat resistance studies on selected yeasts. *Ibid.*, 2:100:202-11. (3400)

With F. M. Clark:

Studies on the bacterial metabolism of sulfur. III. Formation of hydrogen sulphide by thermophilic bacteria. *Ibid.*, 2:98:298-311. (5000)

With Georgia Pitner:

Germicidal action of bromine. *Proc. Soc. Exp. Biol. Med.*, 40:143-45. (500)

Templeman, William Darby, Ph.D., Assistant Professor of English

BOOKS:

With C. F. Harrold:

English prose of the Victorian era. Oxford Univ. Press, N.Y., 1938. lxxx + 1744 pp.

ARTICLES:

For a poetry club. *Lib. J.*, 74:5:164-65. (1000)

With F. E. Faverty and others:

Victorian bibliography for 1937. *Mod. Philol.*, 35:4:415-46. (15,000)

Terry, Ralph Eugene, Ph.G., M.S., Associate Professor of Pharmacy

ARTICLES:

The bystander. A monthly column in *Drug Progress*. (6000)

Question box. Column appearing about once a month in *J. Nat. Assoc. Retail Drug-gists*. (6500)

Pharmaceutical legislation in relation to socialized medicine. *Amer. J. Pharm. Educ.*, Jan., 1939. (800)

Thacker, Edgar Abney, M.S., M.D., Associate in Hygiene and Medical Adviser for Men

ARTICLES:

Your blood pressure and physical education. *J. Health*, 10:2:75-127. (1600)

Tuberculosis control. *Hygeia*, 17:4:304-07. (2200)

Thomas, Henry Bascom, B.S., M.D., Professor of Orthopaedics, Head of the Department, and Director of the Illinois Surgical Institute for Children

ARTICLES:

Scoliosis. *Surg. Clin. N. Amer.*, Feb., 1939. pp. 137-47. (2250)

Thomas, Howard Rice, C.E., M.S., Special Research Professor of Engineering Materials

With H. F. Moore and others:

Fourth progress report of the joint investigation of fissures in railroad rails. *Proc. Amer. Ry. Eng. Assoc.*, 39:807-59. (15,000)

Thomas, William Frederick, A.M., Assistant in Psychology

ARTICLES:

With P. T. Young:

Liking and disliking persons. *J. Social Psych.*, 9:169-88. (5000)

Timmons, Benjamin Finley, Ph.D., Associate Professor of Sociology

ARTICLES:

The cost of weddings. *Amer. Sociol. Rev.*, 4:2:224-33. (4800)

Tippo, Oswald, Ph.D., Associate in Botany

BOOKS:

See H. J. Fuller.

ARTICLES:

Comparative anatomy of the Moraceae and their presumed allies. *Bot. Gaz.*, 100:1: 1-100. (45,000)

Comparative anatomy and angiosperm phylogeny. *Trans. Ill. Acad. Sci.*, 31:105-06. (1300)

Comparative anatomy of the Moraceae and their presumed allies. *Summaries of Theses*, Harvard Univ., 1937. pp. 50-53. (1200)

Tracy, Paul Hubert, Ph.D., Professor of Dairy Manufactures

ARTICLES:

Composition of ice cream and mix standardizing. *Ice Cream Short Course Manual*, 1939.

Mix processing. *Ibid.*

Improved quality. *Ibid.*

Paper containers for milk. *Dairy Mfrs. Conf. Manual*, Nov., 1938.

With A. J. Hahn:

The phosphatase test for determining the efficiency of pasteurization of ice cream mix. *Ibid.*

TRACY, P. H.—Articles (continued)

- A comparison of concentrated and superheated condensed skim milk in the manufacture of ice cream. *Ibid.*
- Controlling milk pasteurization efficiency through the use of the phosphatase test. *J. Dairy Sci.*, Mar., 1939, pp. 191-200.
- Determining the efficiency of ice cream mix pasteurization through the use of the phosphatase test. *Ibid.*, Apr., 1939, pp. 219-28.
- With A. C. Maack:
Controlling oxidized flavors. *Ice Cream Trade J.*, Mar., 1939.
- Controlling oxidized flavor in ice cream and sherbets through the use of oat flour. *Dairy Mfrs. Conf., Manual*, Nov., 1938.

With S. L. Tuckey:
Variation in the composition of churn samples. *Ibid.*

- With W. J. Corbett:
Coffee as a factor in the feathering of cream. *J. Dairy Sci.*, Aug., 1938, pp. 483-95.
- Preparation of ice cream mixes for home consumption. *Food Res.*, 3:0.
- Study of the use of corn sugar in ice cream. *Ill. Agr. Exp. Sta. Bul.*, 452.

Trjtjzinsky, Waldemar Joseph, Ph.D., Professor of Mathematics

ARTICLES:

- Théorie des fonctions d'une variable complexe définies sur des ensembles généraux. *Ann. Sci. de l'Ecole Normale*, sup. 3, 55:119-92. (44,000)
- Some general developments in the theory of functions of a complex variable. *Acta Math.*, 70:63-164. (60,000)

REVIEWS:

- Nouveaux éléments d'analyse (vol. 2), by A. Buhl. *Bul. Amer. Math. Soc.*, 45:60-61. (1000)
- Introduction à la mécanique non-linéaire, by N. Kryloff and N. Bogoliuboff. *Ibid.*, 45: 62. (400)

Trotter, Arnold Herman, A.M., Catalog Librarian and Lecturer in Library Science

ARTICLES:

- Cataloging and classification. *Bul. Amer. Lib. Assoc.*, 32:630. (600)
- Catalog cards for union catalogs. *Lib. J.*, 63:664. (225)

Tuckey, Stewart Lawrence, Ph.D., Assistant Professor of Dairy Manufactures

See H. A. Ruehe.

Tylman, Stanley Daniel, D.D.S., M.S., Professor of Prosthetic Dentistry

ARTICLES:

- Crown and fixed bridge prosthesis. *J. Amer. Dent. Assoc.*, 25:2:279-84. (3200)
- Fixed bridges: their maintenance. *Ibid.*, 26:5:754-58. (2200)

Tylor, W. Russell, Ph.D., Assistant Professor of Sociology

ARTICLES:

- Regionalism in practice. *Amer. J. Sociol.*, 44:3:379-90. (3500)
- The possibility of progress. *World Order*, 4:8:305-09. (1000)

Van Alyea, Oliver Edmond, M.D., Associate in Laryngology, Rhinology, and Otology

REVIEWS:

- Rhinology (review of literature of 1937). *Cyc. Med.*, F. A. Davis Co., Phila.

Van Cleave, Harley Jones, Ph.D., Professor of Zoology

ARTICLES:

- Thural Dale Foster. *Nautilus*, 51:2:62-63.
- Variability in hook measurement in the Acanthocephala (abstract). *J. Parasitol.*, 24:6:25.
- Animals in their relations to disease. *Bios*, 10:1:42-47.
- A new species of the Acanthocephalan genus Polymorphus and notes of the status of the name *Profilicollis*. *J. Parasitol.*, 25:2: 129-31.
- Analysis of hook measurements in the Acanthocephala. *Vol. Jubilar pro Prof. Sadao Yoshida*, Osaka, Japan, 2:331-37.

Van Horne, John, Ph.D., Professor of Spanish and Italian and Head of the Department

BOOKS:

- With V. Cioffari:
Amici di scuola: a graded Italian reader (Book 1). D. C. Heath and Co., Boston, 1938. 64 pp.

REVIEWS:

- Editorial comment. *Italica*, 15:75-83; 15:200-06; 15:234-38; 16:38-44. (16,000)

Vaughan, Herbert Edward, Ph.D., Instructor in Mathematics

ARTICLES:

- On the class of metrics defining a metrisable space. *Bul. Amer. Math. Soc.*, 44:557-61. (1900)
- On locally bicomact spaces. *Fundamenta Math.*, 33:15-21. (2200)

Veach, Carlos Wilbur, M.S., Assistant in Agricultural Engineering

ARTICLES:

- The selection and operation of electric motors for the farm. U. of I. Dept. of Agr. Eng. Mimeo. (3000)

Vestal, Arthur Gibson, Ph.D., Professor of Botany

ARTICLES:

- Problems of the garrigue-like bush of California (abstract). *Bul. Ecol. Soc. Amer.*, 19:2:12-13. (285)

Wade, Chester, M.S., M.D., Assistant in Psychiatry

See A. A. Low.

Wakerlin, George Earle, Ph.D., M.D., Professor of Physiology and Head of the Department

ARTICLES:

- From medical graduate to physician. *J. Assoc. Amer. Med. Coll.*, 13:259-63. (2400)
- The effect of the reticulocytogenic urine principle administered orally in pernicious anemia. *Proc. Amer. Physiol. Soc.*, Apr., 1939, p. 231. (200)
- The bioassay of local anesthetics. *Anesthesia and Analgesia*, 17:232-33. (1000)

With G. R. Chobot:

- Does renin play a role in the maintenance of normal blood pressure? *Proc. Soc. Exp. Biol. Med.*, 40:331-34. (1300)
- A method for the bioassay of renin. *Proc. Amer. Physiol. Soc.*, Apr., 1939, pp. 230-31. (300)

With M. Yanowitz:

- The effect of normal and renal hypertensive dog plasmas on surviving arterial rings. *Ibid.*, pp. 231-32. (200)

Walker, Ernest DeWitt, B.S., Associate in Agronomy Extension

See *J. C. Hackleman.*

Walker, Harold L., M.S., Met.E., Assistant Professor of Metallurgical Engineering

ARTICLES:

A correlated abstract of the physical metallurgy of magnesium and its alloys. *Min. Exp. Sta. and Met. Res. Labs., State Coll. of Wash., Bul. T.* 48 pp.

With *B. G. Ricketts:*

Recrystallization phenomena in cold worked polycrystalline commercially pure magnesium metal. *Ibid., Bul. U.* 19 pp.

Wall, Frederick Theodore, Ph.D., Associate in Chemistry

ARTICLES:

Infra-red absorption spectrum of benzoic acid. *J. Chem. Phys., 7:*87-88. (250)

Walter, David Oswell, Ph.D., Instructor in Political Science

ARTICLES:

The effect of a failure to redistrict the legislature. *Law Soc. J., 8:*199-206. (3000)

Wanless, Harold Rollin, Ph.D., Associate Professor of Geology

ARTICLES:

Pennsylvanian correlations in the eastern interior and Appalachian coal fields. *Geol. Soc. Amer., Special Paper 17, Mar., 1939.* 130 pp.

Pennsylvanian correlations in the southern Appalachian coal field (abstract). *Geol. Soc. Amer. Bul., 49:*1905. (175)

Geological records of a rhythmic nature. *Trans. Ill. Acad. Sci., 31:*17-14. (4400)

Ward, Henry Baldwin, Ph.D., D.Sc., LL.D., Professor of Zoology, Emeritus

ARTICLES:

What about our national parks? *Conservation, 4:*18-21. (1800)

Environmental stimuli and salmon migration. *Grigore Antipa—Hommage à son oeuvre, Imp. Nat. Bucuresti, pp.* 669-79. (2700)

On the genus *Deropristis* and the Acanthocolpidae (Trematoda). *Livro Jubilar do Professor Lauro Travassos, Rio de Janeiro, pp.* 509-21. (7000)

Placer mining on the Rogue River, Oregon, in its relation to the fish and fishing in that stream. *Oregon Dept. Geol. and Mineral Ind. Bul., No. 10.* (18,000)

Placer mining and the anadromous fish of the Rogue River. *Science, 88:*441-43. (3000)

What is happening to our national parks? *Nature Mag., 31:*10:611-15. (2700)

Earl Baldwin McKinley: an appreciation. *Amer. J. Pharm. Educ., 3:*140-41. (500)

Salmon psychology. *J. Wash. Acad. Sci., 29:*1-14. (5600)

To George Easton Scott. *Outdoor Amer., 4:*7. (900)

REVIEWS:

Traité de zoologie et de parasitologie médicale et vétérinaire, by M. Neveu-Lemaire. *Science, 88:*547-48. (450)

Wascher, Herman, M.S., Assistant Chief in Soil Survey

ARTICLES:

With *E. Winters:*

Textural groups of Wisconsin till and their distribution in Illinois. *Amer. J. Sci., 35:* 14-21. (1600)

See also *R. S. Smith.*

Watson, Floyd Rowe, Ph.D., Professor of Experimental Physics

ARTICLES:

Optical analogy of a loudspeaker in a reverberant room (abstract). *J. Acous. Soc., 10:*84. (200)

REVIEWS:

The psychology of music, by C. E. Seashore. *Ibid., 10:*249-50. (1200)

Decibels and phons, a musical analogy, by L. S. Lloyd. *Ibid., 10:*249. (350)

Editorial reviews. *Ibid., passim.*

Weber, Oscar Friedolin, Ph.D., Professor of Education

BOOKS:

The problem of school organization and finance in Illinois. *Univ. Ill. Bul., vol. 36, no. 15, 1938.* 174 pp.

Webster, George Lewis, Ph.G., Ph.D., Associate Professor of Pharmaceutical Chemistry

ARTICLES:

With *L. D. Powers:*

Derivatives of 4-aminobenzenesulfonanilide. *J.A.C.S., 60:*1553-55. (2000)

Weinard, Frederick Francis, Ph.D., Associate Professor of Floricultural Physiology

ARTICLES:

Nutrients in soilless culture. *Flor. Exch., 92:*17-14. (500)

With *H. B. Dornier:*

Peonies—single and Japanese in the Illinois trial gardens. *Ill. Agr. Exp. Sta. Bul., 447, pp.* 97-156. (15,000)

Weisiger, George Bates, B.S., LL.B., J.D., Professor of Law

ARTICLES:

Reinstatement of sit-down strikers. *Minn. Law Rev., 23:*1:30-45. (6000)

Weiss, Emil, M.D., Ph.D., Associate in Bacteriology and Public Health

See *L. Arnold.*

Welker, William Henry, Ph.D., Professor of Physiological Chemistry and Head of the Department

ARTICLES:

With *A. E. Mahle and L. Seed:*

Crystalline Bence Jones proteins. *Arch. Path., 26:*441-48. (1300)

Wernicke, Henry Oscar, A.B., M.D., Assistant Professor of Surgery

ARTICLES:

Gynecomastia. *Surg., 5:*2:217-25.

Wheeler, Mrs. Katherine McGraw, A.B., B.L.S., Cataloger in the Library

ARTICLES:

327 catalog cards for current foreign publications. Printed by the Library of Congress. (28,000)

Whitlock, Mary Cecelia, A.M., Assistant Professor of Home Economics

ARTICLES:

Clothing construction (rev.). *Ill. Agr. Exp. Sta. Circ., 407.* 165 pp.

Whittaker, Edmund, Ph.D., Associate Professor of Economics

ARTICLES:

Gold-mining taxation in relation to national planning in South Africa, 1932-37. *Amer. Econ. Rev.*, 28:4:688-701. (7000)

Wien, Max Samuel, B.S., M.D., Associate Professor of Dermatology

ARTICLES:

The treatment of lymphogranuloma inguinale. *Med. Clin. N. Amer.*, Jan., 1939, pp. 227-30. (900)

Wilcox, Roy Harold, M.S., Associate Professor of Farm Management

ARTICLES:

With B. W. Bain, C. S. Rhode, and J. G. Cash: 1937 dairy cost study on 99 selected farms in northern Illinois. U. of I. Dept. of Agr. Econ. Mimeo., 871. (3000)

REVIEWS:

Changes in technology and labor requirements in cooperative production: corn, by L. K. Macy and others. *J. Farm Econ.*, 20:4:893-94.

Wilder, Arthur Barthen, D.Sc., Assistant Professor of Metallurgical Engineering

ARTICLES:

Aging of iron and steel. *Metals and Alloys*, Pt. I, 9:3:119-23; Pt. II, 9:6:145-48. (4000)
See also W. M. Wilson.

Will, Frederick Ludwig, Ph.D., Instructor in Philosophy

ARTICLES:

Formal and material truth. *Abstracts of Theses, 1937*, Cornell Univ., pp. 57-60.

Will, Samuel Frederick, Ph.D., Professor of French

ARTICLES:

With W. L. Wiley:

Recent literature of the Renaissance: a bibliography. *Stud. in Philol.*, 36:2:334-51. (5000)

REVIEWS:

Citizen of Geneva: selections from the letters of Jean-Jacques Rousseau, by C. W. Hendel. *Books Abroad*, 12:3:373. (300)

Willard, Arthur Cutts, B.S., D.Eng., LL.D., President

ARTICLES:

Research in the land grant colleges and universities. *Kan. State Coll. Bul.*, 22:10.

Williams, Charles Allyn, Ph.D., Professor of German

ARTICLES:

La rauschen, lieb, la rauschen and the stanza Ich hort ein sichellin rauschen. *J. Engl. Germ. Philol.*, 38:171-83. (5300)

Willig, Frank Jewell, M.S., Assistant in Physics

ARTICLES:

Comparison of sound absorption coefficients obtained by different methods. *J.A.S.A.*, 10:4:293-300. (4000)

Wilson, Wilbur M., M.M.E., C.E., Research Professor of Structural Engineering

ARTICLES:

Tests of reinforced concrete arch bridges. *Pub. Internat. Assoc. Bridge and Structural Eng.*, 5:375-422. (21,000)

Articles (continued)

With F. P. Thomas:

Fatigue tests of riveted joints. *Ill. Eng. Exp. Sta. Bul.*, 302. 115 pp.

With R. W. Kluge and J. V. Coombe:

Laboratory tests of reinforced concrete rigid frame bridges. *Ibid.*, 308. 75 pp.

With A. B. Wilder:

Fatigue tests of butt welds in structural steel plates. *Ibid.*, 310. 25 pp.

Windesheim, Karl Albert, Ph.D., Assistant Professor of Speech

ARTICLES:

Voice recording in teaching speech. *Engl. J.*, 28:2:13-14. (250)

Wirth, Elmer Hauser, Ph.C., Ph.D., Associate Professor of Pharmacognosy

ARTICLES:

A study of National Formulary synonyms of plant drugs. *Nat. Formul. Bul.*, 7:2: 53-64. (5000)

Report of the American Pharmaceutical Association committee on United States Pharmacopoeia. *J.A.Ph.A.*, 27:11:996-98. (1050)

Report of the plant science seminar. *Ibid.*, 27:11:1133-35. (2500)

Rhubarb and rhaponticum. *J.A.O.A.C.*, 21:4: 585-87. (1200)

With V. Lindblade:

Cape aloe. *Nat. Formul. Bul.*, 7:7:236-55. (11,500)

With L. Goldberg, R. K. Snyder, and E. N. Gathercoal:

The quantitative determination of volatile oils in vegetable drugs. *J.A.Ph.A.*, 27:5: 385-92. (3500)

Woodrow, Herbert, Ph.D., Professor of Psychology and Head of the Department

ARTICLES:

The relation between goodness of performance and favorableness of conditions. *Amer. J. Psych.*, 51:4:665-77. (5500)

Factors in improvement with practice. *J. Psych.*, 7:55-70. (6000)

The effect of practice on test intercorrelations. *J. Educ. Psych.*, 29:8:561-72. (5000)

The relation of verbal ability to improvement with practice in verbal tests. *Ibid.*, 30:3:179-86. (3200)

Woodruff, Sybil, Ph.D., Professor of Foods

ARTICLES:

Microscopy of starch by the Spierer lens. *Ind. Eng. Chem.*, 30:1409-13. (2500)

Food preparation and utilization aspects of refrigerated locker storages. *Agr. Eng.*, 20:105-07. (2800)

Soybeans as competitors of dairy products. *Butter and Cheese J.*, Oct. 25, 1938, pp. 30-32. (1500)

With Majel M. MacMasters:

Gelatinization and retrogradation changes in corn and wheat starches shown by photomicrographs. *Ill. Agr. Exp. Sta. Bul.*, 445. (12,000)

With Helen Klaas:

A study of soybean varieties with reference to their use as food. *Ibid.*, 443. (13,000)

Home preparation and utilization of frozen foods. *U. of I. Cold Storage Locker Conf. Manual*, Feb., 1939, pp. 33-37. (2400)

With Evelyn Chambers and Helen Klaas:

A study of protein extract from soybeans with reference to its use in food. *J. Agr. Res.*, 57:737-46. (4300)

Woodworth, Clyde Melvin, Ph.D., Professor of Plant Genetics

ARTICLES:

With B. Koehler:

Corn seedling virescence caused by *Aspergillus flavus* and *A. tamarii*. *Phytopath.*, 28: 11:811-23. (3800)

With O. Bolin:

1938 experimental hybrid corn trials in Illinois. U. of I. Dept. of Agron. Mimeo., Feb., 1939. (700)

Brief description of ear and kernel characters of various single crosses. *Ibid.*, Jan., 1939. (1100)

Brief description of inbred lines of corn. *Ibid.*, (2500)

With G. H. Dungan and others:

Developments in hybrid corn production. III. *Farm Instit. Rpt.*, July, 1938. (10,000)

Wynd, F. Lyle, Ph.D., Assistant Professor of Botany

ARTICLES:

With P. L. Varney:

A direct reading nul point amplifier for measuring hydrogen ion concentration and oxidation—reduction potentials. *J. Lab. Clin. Med.*, 23:864-70. (1800)

Young, Everett Gillham, M.S., M.E., Research Professor of Railway Mechanical Engineering

ARTICLES:

Progress in railway mechanical engineering, 1937-38. *Mech. Eng.*, 60:12:909-20. (5000)

Young, Paul Thomas, Ph.D., Professor of Psychology

ARTICLES:

Preferences and demands of the white rat for food. *J. Comp. Psych.*, 26:3:545-89. (12,000)

An hypothesis concerning the mechanism of appetite. *Psych. Bul.*, 35:9:716-17. (250)

REVIEWS:

Feeling and emotion: a history of theories, by H. M. Gardiner and others. *Amer. J. Psych.*, 51:3:594-95. (700)

Ziegler, Lloyd Hiram, A.M., M.D., Lecturer in Psychiatry

ARTICLES:

Marriage among mental defectives. *J.A.M.A.*, 111:1982-85. (4000)

A study of the influence of emotions and affects on the surface temperature of the human body. *Amer. J. Psychiat.*, 95:3. (4900)

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