

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

THE UNIVERSITY OF CHICAGO
LIBRARY

1912
1913
1914
1915
1916

1917



Amer. For. & For. Life.

Deming, W. C.

The story of our Christmas nuts. Amer. For.
& For. Life. v.30, no.361. p.7-10, 55. illus.
Ja. 1924.

MacRae, J. D.

The x-ray study of flowers. Amer. For. & For.
Life. v.30, no.361. p. 31-33. illus. Ja. 1924.
Radiograms of flowers.

Amer. Journ. Bot.

Allison, R.V. & Shive, J.W.

Studies on the relation of aeration and continu-
ous renewal of nutrient solution to the growth of
soybeans in artificial culture. Amer. Journ. Bot.
10: 554-566. illus., pl. xxxix. D. 1923. no.10.
References: p. 566.

Campbell, D. E.

Australasian botanical notes. III. New Zealand.
Amer. Journ. Bot. 10: 515-536. illus., pl. xxxvii.
D. 1923. no.10.

Sherwood, E.C.

Hydrogen-ion concentration as related to the
Fusarium wilt of tomato seedlings. Amer. Journ. Bot.
10: 537-553. pl. xxxviii. D. 1923. no.10.
Literature cited: p. 552.

Amer. Nat.

Blakeslee, A.F. & Farnham, M.E.

Trisomic inheritance in the Poinsettia mutant of
Datura. Amer. Nat. 57: 481-495. illus. N.-D.
1923. no.653.
Literature cited: p. 495.

Cleland, R. E.

Chromosome arrangements during meiosis in certain
Oenotheras. Amer. Nat. 57: 562-566. illus.
N.-D. 1923. no.653.

Longley, A.E.

Cytological studies in the genera Rubus and
Crataegus. Amer. Nat. 57:568-569. N.-D.
1923. no.653.

Ann. Rep. Calif. Avocado Assoc.

Ryerson, Knowles.

The recovery of the avocado tree after the 1922
freeze. Ann. Rep. Calif. Avocado Assoc. 1922-23,
p.26-29. 1923.

Stout, A.B.

A study in cross-pollination of avocados in
southern California. Ann. Rep. Calif. Avocado Assoc.
1922-23. p. 29-45. plates. 1923.

Ann. Rep. Dept. Agr. & Stock Tasmania.

Nicholls, H. M.

Annual report of the microbiologist. 1922/23.
Rep. Agr. & Stock Dept. Tasmania. 1922/23. pl. 1923.

Library, Bureau of Census
Current and Past Issues, 1937-1950
Volume No. 11, 1950 - Jan. 15, 1951

Issue No. 1, 1950

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Issue No. 1

Volume No. 11

Ark. Bot.

Fries, T.C.E.
Die Alchemilla-arten des Kenia, Mt. Aberdare und
Mt. Elgon. Ark. Bot. v.18, no.11. 47 p. 1923.

Huss, Harald.
Untersuchungen über die quellung der stärke-
körner. Ark. Bot. v.18, no.8. 23 p. 1922.

Juel, H. O.
Mykologische beiträge VIII. Ark. Bot. v.18,
no. 6. 15.p. illus. 1922.

Keissler, Karl von.
Einige interessante flechten-parasiten aus dem
herbar Upsala. Ark. Bot. v.18, no.16. 24 p.
1923.
Physalospora friesii, nov. spec.; Didymella colle-
matum var. cladoniae, nov. var.

Lundegardh, Henrik.
Ueber die kohlen säureproduktion und die gas-
permeabilität des bodens. Ark. Bot. v.18, no.
13. 36 p. 1923.
Zitierte literatur: p. 34-35.

Malme, G.O.A.
Desmodii species in Herbario Regnelliano assere-
vatae. Ark. Bot. v.18, no.7. 20 p. pl.1-4. 1922.

Malme, G.O.A.
Die flechten der ersten regnellischen expedition.
Die gattungen Bombyliospora, Megalospora, Catillaria
und Rhizocarpon. Ark. Bot. v.18, no.12. 17 p.
1923.

Biochem. Zeitschr.

Iwanoff, N.N.
Ueber die anhäufung und bildung des harnstoffs in
champignons. Biochem. Zeitschr. 143: 62-74. N.
1923 (Rec'd Ja.1924) no.1/2.

Loew, Oskar.
Ueber eine labile eiweissform und ihre beziehung
zum lebenden protoplasma. II. Biochem. Zeitschr. 143:
156-160. N. 1923. no.1/2.

Bol. Soc. Nac. Agr. Chile.

Riesle, Roberto.
Los tratamientos contra las enfermedades del nogal.
Bol. Soc. Nac. Agr. 54: 669-674. illus. N. 1923. no.11.

Bot. Gaz.

Anderson, Ernest.
Maternal inheritance of chlorophyll in maize.
Bot. Gaz. 76: 411-418. illus. D. 1923. no.4.
Literature cited: p. 417-418.

Arber, Agnes.
Leaves of the Gramineae. Bot. Gaz. 76: 374-
383. pl. xxviii-xxx. D. 1923. no.4.
Literature cited: p. 385-386.

Blakeslee, A.F., Belling, John, & Farnham, M.E.
Inheritance in tetraploid Daturas. Bot. Gaz.
76: 329-373. D. 1923. no.4.
Literature cited: p. 372-373.

Coulter, M.C.
Gaston Bonnier. Bot. Gaz. 76: 425-426. port.
D. 1923. no.4.

1907

1908

1909

1910

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

Bot. Gaz. (cont.)

Penland, C. W. T.

Cytological behavior in *Rosa*. Bot. Gaz. 76:
403-410. pl. xxi-xxii. D. 1923. no. 4.
Literature cited: p. 409.

Seifrizz, William.

Reaction of protoplasm to salts and antagonistic
action of salts and alcohol. Bot. Gaz. 76: 389-
402. D. 1923. no. 4.
Literature cited: p. 402.
Experiments with *Elodea*.

Thone, Frank.

Evaporation rates on rock canyon walls. Bot. Gaz.
76: 419-424. illus. D. 1923.
Literature cited: p. 424.

Towney, J. W.

Multiple pine embryos. Bot. Gaz. 76: 426.
illus. D. 1923. no. 4.

Bot. Not.

Du Rietz, G. E.

De svenska *Helianthemum*-arterna. Bot. Not. 1923.
no. 5/6. p. 435-446.
Litteraturförteckning: p. 446.

Erman, C.

Ueber die zwachsreaktionen bei in der horizon-
talebene rotierenden *Avena*-koleoptilen. Bot. Not.
1923. no. 5/6. p. 417-434.
Literatur-verzeichnis: p. 433-434.

Henriksson, J.

Vaccinium vitis idaea L. v. *ovata* n. var. Bot.
Not. 1923. no. 5/6. p. 464.

Kylin, Harald.

Växtsociologiska betraktelser. Bot. Not.
1923. no. 5/6. p. 451-456.

Magnusson, A. H.

New or interesting Swedish lichens I- Bot.
Not. 1923. no. 5/6. p. 401-416.

Bulet, Inform. Grad. Bot. Univ. Cluj.

Chirițescu-Arva, M.

Acțiunea apei in cantitate optimă in diferite
epoci de vegetație asupra plantei. Bulet, Inform.
Grad. Bot. Univ. Cluj. 3: 65-80. 1923. no. 3.
French résumé: p. 78-80. (L'action de l'eau en
quantité optimum aux différentes époques de végétation
sur la plante.)

Nyárády, I. E.

Centaurea ruthenica nu a dispărut din flora
Transilvaniei. Bulet. Inform. Grad. Bot. Univ.
Cluj. 3: 85-87. illus. 1923. no. 3.
German résumé: p. 87.

Prodan, Iuliu (Gyula)

Labiatae novae et rariae. Bulet. Inform. Grad.
Bot. Univ. Cluj. 3: 81-84. 1923. no. 3.

Bull. Dept. Agr. Feder. Malay States.

Jack, H. W.

Rice in Malaya. Bull. Dept. Agr. Feder. Malay States. 35. 96 p. plates. 1923.
Pests and diseases: p. 38-42.

Bull. Misc. Inform. Kew.

Grove, W. B.

The British species of *Ceuthospora* and *Cytosporina*.
Bull. Misc. Inform. Kew. 1923, no.10. p.353-359.
Ceuthospora hederæ, sp.nov.; *Cytosporina acharii*,
C. flavovirens, comb.nov.

Kew, Royal gardens.

Decades kewenses. Plantarum novarum in herbario Horti regii conservatorum. CVIII. Bull. Misc. Inform. Kew. 1923. no.10. p.371-376.

Marquand, C.V.B.

Additions to the flora of the Falkland Islands.
Bull. Misc. Inform. Kew. 1923, no.10. p.369-371.

Ridley, H. N.

New Euphorbiaceae from the Malay peninsula. Bull. Misc. Inform. Kew. 1923, no.10. p.360-369.
Actephilopsis n.gen. and many new species described.

Riley, L.A.M.

Contributions to the flora of Sinaloa IV.
Bull. Misc. Inform. Kew. 1923, no.10. p.388-401.

Wilson, F.C.

Revision of the genus *Dicoma*. Bull. Misc. Inform. Kew. 1923, no.10. p.377-388.
Dicoma galpinii, sp.nov.

Bull. Public Museum Milwaukee.

Smith, H. H.

Ethnobotany of the Menomini Indians. Bull. Public Museum Milwaukee. v.4, no.1. p.4-102. pl.i-xxxvi.
D. 1923.

Bull. Soc. Bot. Genève.

Beauverd, Gustave.

M. Adolphe Tonduz. Bull. Soc. Bot. Genève. II, 14: 12-13. 1923.

Beauverd, Gustave.

Phanerogamarum novitates. VI-X. Bull. Soc. Bot. Genève. II, 14: 159-182. illus. 1923.

Chodat, Robert.

Sur le mécanisme de la division cellulaire. Bull. Soc. Bot. Genève. II, 14: 50-62. illus. 1923.

Lendner, Alfred.

Le Mahwa, sapotacée saccharifère des Indes.
Bull. Soc. Bot. Genève. II, 14: 34-36. 1923.

Monsieur le Professeur Leonidas-Bothelo Damazio.

Bull. Soc. Bot. Genève. II, 14: 28-30. 1923.

Died at the age of 69 years.

Rehfous, Laurent.

Nouvelles observations sur la périodicité chez *Viburnum lantana* L. Bull. Soc. Bot. Genève. II, 14: 153-158. illus. 1923.

Rehfous, Laurent.

Sur la formation de péridermes chez *Crassula falcata* (Wild.) Bull. Soc. Bot. Genève. II, 14: 63-69. illus. 1923.

Bill, 1911
Bill, 1912
Bill, 1913
Bill, 1914
Bill, 1915
Bill, 1916
Bill, 1917
Bill, 1918
Bill, 1919
Bill, 1920
Bill, 1921
Bill, 1922
Bill, 1923
Bill, 1924
Bill, 1925
Bill, 1926
Bill, 1927
Bill, 1928
Bill, 1929
Bill, 1930
Bill, 1931
Bill, 1932
Bill, 1933
Bill, 1934
Bill, 1935
Bill, 1936
Bill, 1937
Bill, 1938
Bill, 1939
Bill, 1940
Bill, 1941
Bill, 1942
Bill, 1943
Bill, 1944
Bill, 1945
Bill, 1946
Bill, 1947
Bill, 1948
Bill, 1949
Bill, 1950
Bill, 1951
Bill, 1952
Bill, 1953
Bill, 1954
Bill, 1955
Bill, 1956
Bill, 1957
Bill, 1958
Bill, 1959
Bill, 1960
Bill, 1961
Bill, 1962
Bill, 1963
Bill, 1964
Bill, 1965
Bill, 1966
Bill, 1967
Bill, 1968
Bill, 1969
Bill, 1970
Bill, 1971
Bill, 1972
Bill, 1973
Bill, 1974
Bill, 1975
Bill, 1976
Bill, 1977
Bill, 1978
Bill, 1979
Bill, 1980
Bill, 1981
Bill, 1982
Bill, 1983
Bill, 1984
Bill, 1985
Bill, 1986
Bill, 1987
Bill, 1988
Bill, 1989
Bill, 1990
Bill, 1991
Bill, 1992
Bill, 1993
Bill, 1994
Bill, 1995
Bill, 1996
Bill, 1997
Bill, 1998
Bill, 1999
Bill, 2000
Bill, 2001
Bill, 2002
Bill, 2003
Bill, 2004
Bill, 2005
Bill, 2006
Bill, 2007
Bill, 2008
Bill, 2009
Bill, 2010
Bill, 2011
Bill, 2012
Bill, 2013
Bill, 2014
Bill, 2015
Bill, 2016
Bill, 2017
Bill, 2018
Bill, 2019
Bill, 2020
Bill, 2021
Bill, 2022
Bill, 2023
Bill, 2024
Bill, 2025
Bill, 2026
Bill, 2027
Bill, 2028
Bill, 2029
Bill, 2030
Bill, 2031
Bill, 2032
Bill, 2033
Bill, 2034
Bill, 2035
Bill, 2036
Bill, 2037
Bill, 2038
Bill, 2039
Bill, 2040
Bill, 2041
Bill, 2042
Bill, 2043
Bill, 2044
Bill, 2045
Bill, 2046
Bill, 2047
Bill, 2048
Bill, 2049
Bill, 2050

Bull. Soc. Bot. Genève. (cont.)

Romieux, H. & Zahn, K. H.

Quelques Hieracium nouveaux de Suisse et de France. Bull. Soc. Bot. Genève. II, 14: 117-130. 1923.

Wyss, Fernand.

Contribution à l'étude de la tyrosinase. Bull. Soc. Bot. Genève. II, 14: 70-116. 1923.

Auteurs cités dans ce travail: p. 115-116.

Bull. Soc. Hist. Nat. Afr. Nord.

Ducellier, L. & Maire, R.

Végétaux adventices observés dans l'Afrique du Nord. Bull. Soc. Hist. Nat. Afr. Nord. 14: 304-325. N. 15, 1923. no. 3.

Litaruère, René de.

Un Festuca nouveau du Grand Atlas. Bull. Soc. Hist. Nat. Afr. Nord. 14: 337-338. illus. N. 15, 1923. no. 3.

Maire, René.

Sur la conservation en herbier des dissections de fleurs. Bull. Soc. Hist. Nat. Afr. Nord. 14: 325-326. N. 15, 1923. no. 3.

Časové Spisky. Min. Zemědělství. Czechoslovak. Rep.

Domin, Karel.

Kritické poznánky o bramboru (*Solanum tuberosum* L.) se zvláštním zřetelem k jeho původu a k biologii a morfologii květů. Časové Spisky. Min. Zemědělství. Czechoslovak. Rep. 1923. no. 30. 49 p. illus., plate.

Country Life. London.

Bean, W. J.

Cones: miscellaneous. Country Life. 54: 940-941. illus. D. 29, 1923. no. 1408.

Bean, W. J.

Pine cones. Country Life. 54: 908-909. illus. D. 22, 1923. no. 1407.

Facts about Sugar.

Maxson, A. C.

Sugar beet leaf spot. Cause and prevention of a troublesome plant disease. Facts about Sugar. 17: 397. D. 29, 1923. no. 26.

Florida Grow.

DeBusk, E. F.

Foot rot. Florida Grow. v. 23, no. 26. p. 9. D. 29, 1923.

Newell, Wilmon.

Serious aspect of the present quarantine situation. Florida Grow. v. 23, no. 26. p. 7-8. port. D. 29, 1923.

Flow. Grow.

Auten, Edward, jr.

Spraying peonies pays. Flow. Grow. v. 11, no. 1. p. 23. Ja. 1924.

Lowry, R. B.

The American lotus (*Nelumbo lutea*) Flow. Grow. v. 11, no. 1. p. 1-5. illus. Ja. 1924.

Fruitm.

Reynold, B. A.
Campaign against white pine blister rust may save
future California millions. Fruitm. v.3, no.11.
p.5, 11-12. N. 1923.

Garden.

Irving, Walter.
The day lilies. Garden. 87: 646-647.
illus. D.15, 1923. no.2717.

Irving, Walter.
The Whitlow grasses. Garden. 87: 657-659.
illus. D.22, 1923. no.2718.

Osborn, Arthur.
Ornamental brambles. Garden. 87: 645-646.
illus. D.15, 1923. no.2717.

Osborn, Arthur.
The witch hazels. Garden. 87: 660-661.
illus. D.22, 1923. no.2718.

Gard. Chron.

Grove, Arthur.
Boeninghausenia albiflora. Gard. Chron. III,
74: 351. D.15, 1923. no.1929.

Hakea suaveolens. Gard. Chron. III, 74: 351.
illus. D.15, 1923. no.1929.

Hosking, A.
Pelargonium Rollisson's unique. Gard. Chron.
III, 74: 364-365. illus. D.22, 1923. no.1930.

Genetics.

Anderson, E.G. & Emerson, R.A.
Pericarp studies in maize. I- Genetics. 8:
466-476. S. 1923 (Rec'd Ja. 1924) no.5.
Literature cited: p. 475-476.
I. The inheritance of pericarp colors.

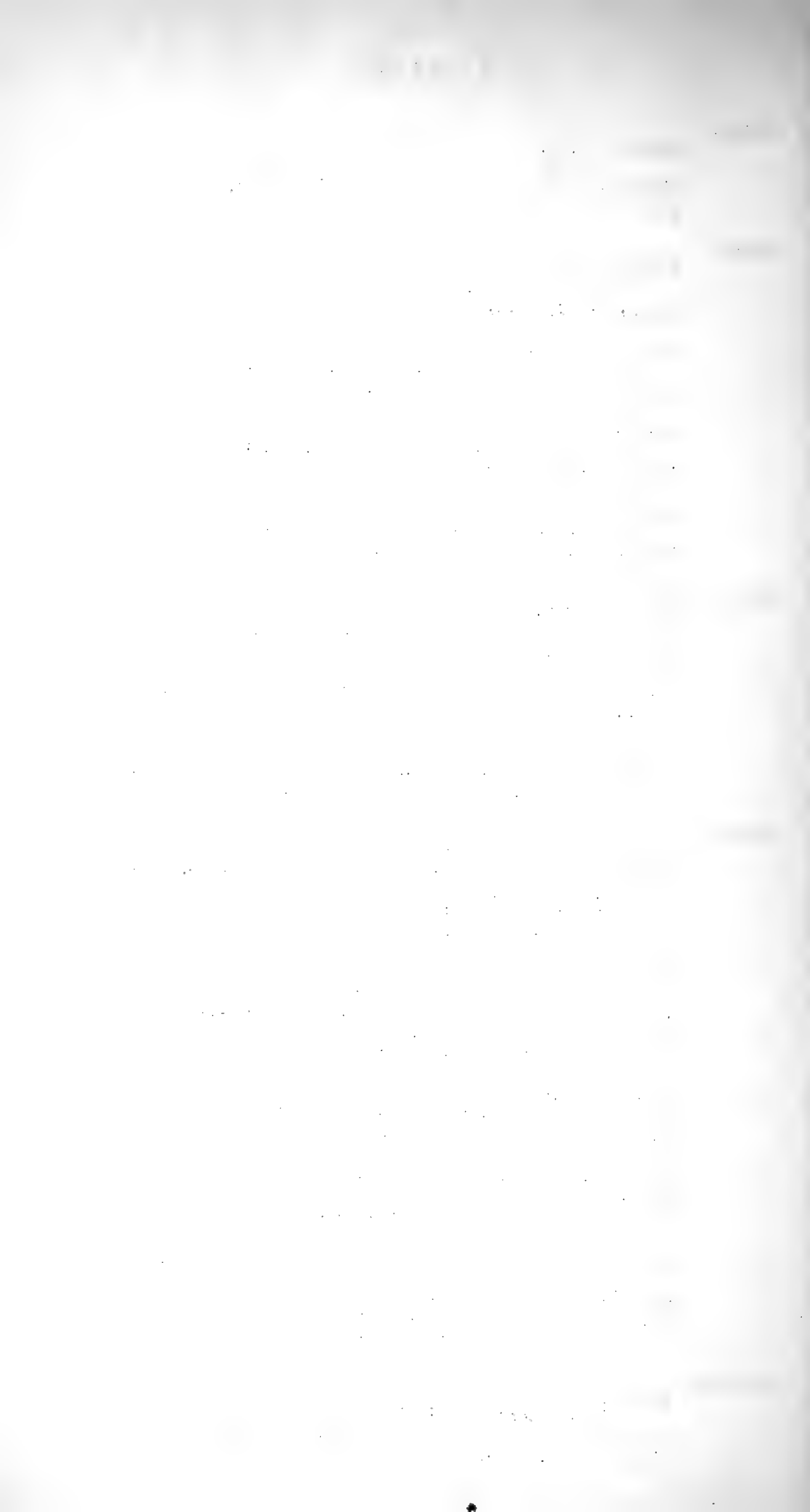
Sax, Karl. & Gowen, J. W.
The place of stocks in the propagation of clonal
varieties of apples. Genetics. 8: 458-465. S.
1923 (Rec'd Ja. 1924) no.5.
Literature cited: p.465.

Jennings, H.S.
The numerical relations in the crossing over of
the genes, with a critical examination of the theory
that the genes are arranged in a linear series.
Genetics. 8: 393-457. S. 1923. (Rec'd Ja. 1924)
no. 5.
Literature cited: p. 456-457.

Reynolds, B.D.
Inheritance of double characteristics in
Arcella polypora Penard. Genetics. 8: 477-
493. S. 1923 (Rec'd Ja. 1924) no.5.
Literature cited: p. 493.

Hacienda.

Powell, A. L.
La influencia de la luz sobre la vida de los
vegetales. Hacienda. v.19, no.1. p.18-20.
illus. Ja. 1924.



Hints Potato Grow. N.J. Potato Grow. Assoc.

Martin, W. H.

Soil and seed treatment for potato scab.

Hints Potato Grow. N.J. Potato Assoc. v.4, no.
3. p. 1-2. D. 1923.

Journ. Agr. Res.

Elliott, Charlotte.

A bacterial stripe disease of proso millet.

Journ. Agr. Res. 26: 151-159. pl. 1-4. (part
col.) 0.27, 1923. (Rec'd Ja.5, 1924)

Literature cited: p. 159.

Miller, E.C. & Saunders, A.R.

Some observations on the temperature of the
leaves of crop plants. Journ. Agr. Res. 26:
15-43. 0. 1923.

Literature cited: p. 42-43.

Smith, C.M.

Excretions from leaves as a factor in arseni-
cal injury to plants. Journ. Agr. Res. 26:

191-194. 0.27, 1923 (Rec'd Ja.5, 1924)

Journ. Amer. Soc. Agron.

Garber, R.J.

Natural crossing in winter wheat. Journ.

Amer. Soc. Agron. 15: 508-512. D. 1923. no.12.

Woodworth, C.M.

Inheritance of growth habit, pod color, and
flower color in soybeans. Journ. Amer. Soc. Agron.

15: 481-495. plates. D. 1923. no.12.

Literature cited: p. 495.

Journ. Soc. Nat. Hort. France.

Passy, P.

Le surgreffage. Influence du greffon sur le sujet.

Journ. Soc. Nat. Hort. France. IV, 24: 461-464.

N. 1923.

Journ. Wash. Acad. Sci.

The fossil swamp deposit at the Walker Hotel site,
Connecticut Avenue and De Sales Street, Washington, D.C.
Journ. Wash. Acad. Sci. v.14, no.1. p. 1-41. Ja.4,
1924.

Contents:- Formations exposed in the excavations
by Chester K. Wentworth. - Organic remains, other than
diatoms, from the excavation, by Edward Wilber Berry. -
Diatom deposit found in the excavation, by Albert Mann. -
The geographic and historical evidence, by Laurence LaForge.

Malayan Agr. Journ.

Birkinshaw, F.

Cover crops and the spread of *Fomes lignosus*.

Malayan Agr. Journ. 10: 216. Jl.-S. 1923. no.7/9.

South, F. W.

The treatment of a root disease of Borneo camphor.

Malayan Agr. Journ. 10: 217-218. Jl.-S. 1923. no.7/9.

Medl. Selsk. Havedyrkn. Venner Norway.

Kvaale, E.

Bønnefleksoppen (*Colletotrichum lindemuthianum*)

Medl. Selsk. Havedyrkn. Venner Norway. 1: 67-80.

illus. 1923. no.2.

S , I.

Blad-fleksyke hos iris. Medl. Selsk. Havedyrkn.

Venner Norway. 1: 81-83. illus. 1923. no.2.

Missouri Bot. Gard. Bull.

The botanical gardens of Jamaica, Missouri Bot. Gard. Bull. 11: 131-137. pl. 32-34. D. 1923. no.10.

Tagua or vegetable ivory. Missouri Bot. Gard. Bull. 11: 137-139. pl. 35. D. 1923. no.10.

Mitt. Deut. Landw. Ges.

Schaffnit, Ernst. & Rump, L.

Beobachtungen über rostkrankheiten des getreides. Mitt. Deut. Landw. Ges. 38: 639-642. D.15, 1923. no.50.

Nature.

Bewley, W.F.

Minute "organisms" isolated from the virus of mosaic disease of tomato. Nature, 112: 903. D.22, 1923. no.2825.

Preliminary note, detailed investigation being carried out at Cheshunt. "While there are indications that they may be casually related to mosaic disease, no definite claim can yet be made."

Jackson, B.D.

Mr. T.F. Cheesman. Nature. 112: 871. D.15, 1923. no.2824.

Naturwissenschaften.

Edens, Ernst.

Die Digitalis und ihre therapeutische anwendung. Naturwissenschaften, 11: 969-971. D.14, 1923. no.50.

New Jersey Agr.

Blake, M. A.

Old New Jersey catalogue proves a rare find. 399 fruit varieties listed in 1806. New Jersey Agr. v.5, no.12. p.6, 13. D. 1923.

Catalogue of Daniel Smith and company of Burlington, N.J., 1806.

Martin, W.H.

Reduce potato scab, use acid fertilizer. Nitro-source bears important relation to scab. New Jersey Agr. v.5, no.12. p. 6-7. illus. D. 1923.

Spinach yellowing identified as mosaic. Disease resistant seed grown at Richfield. New Jersey Agr. v.5, no.12. p.1, 16. illus. D. 1923.

New Phytol.

Christy, Miller.

Primula vulgaris var. caulescens. New Phytol. 22: 233-239. D. 1923. no.5.

Lewis, F. J. & Tuttle, C. M.

On the phenomena attending seasonal changes in the organisation in leaf cells of Picea canadensis (Mill.) B.S.P. New Phytol. 22: 225-232. D. 1923. no.5. References: p. 232.

Newcombe, F. C.

The supposed reversal of geotropic response. New Phytol. 22: 281-283. D. 1923. no.5. References: p. 283.

New Phytol. (cont.)

Stiles, Walter.
Permeability XIV. Theories of cell permeability.
(concl.) New Phytol. 22: 239-280. D. 1923.
no. 5.
Literature cited: p. 247-280.

New Zeal. Journ. Sci. & Techn.

Wall, Arnold.
The indigenous grasses of Mount Herbert, Banks
Peninsula, and its neighbourhood. New Zeal. Journ.
Sci. & Techn. 6: 144-147. O. 1923. no. 3.

Cunningham, G. H.
Aseroe rubra, an interesting New Zealand phalloid.
New Zeal. Journ. Sci. & Techn. 6: 154-157. illus.
O. 1923. no. 3.
Literature cited: p. 157.

Cunningham, G. H.
Relation of biologic specialization in the taxonomy
of the grass-rusts. New Zeal. Journ. Sci. & Techn.
6: 157-166. O. 1923. no. 3.
Literature cited: p. 164-166.

Gardner, Roy.
Notes on the chemistry of the New Zealand flora.
New Zeal. Journ. Sci. & Techn. 6: 147-151. O. 1923.
no. 3.
Literature: p. 151.

Pharm. Journ.

Simonsen, J. L.
Santonin from Artemisia maritima, Linn. (A.
brevifolia, Wall.) Pharm. Journ. 111: 632-634.
illus. D. 22, 1923. no. 3140.

Van Laren, A. J.
The cultivation of Artemisia cina, Berg.
Pharm. Journ. 111: 631-632. illus. D. 22, 1923.
no. 3140.

Proc. Nat. Acad. Sci.

Dickson, J. G., Eckerson, S.H. & Link, K.P.
The nature of resistance to seedling blight of
cereals. Proc. Nat. Acad. Sci. 9: 434-439.
D. 1923. (Rec'd Ja. 1924.) no. 12.

Proc. Potato Assoc. Amer.

Clark, C. F.
Sterility studies. Proc. Potato Assoc. Amer.
9: 73-81. 1923.

Folsom, Donald.
Important papers published during the past year on
degeneration or virus diseases of the potato. Proc.
Potato Assoc. Amer. 9: 29-33. 1923.

Krantz, F. A.

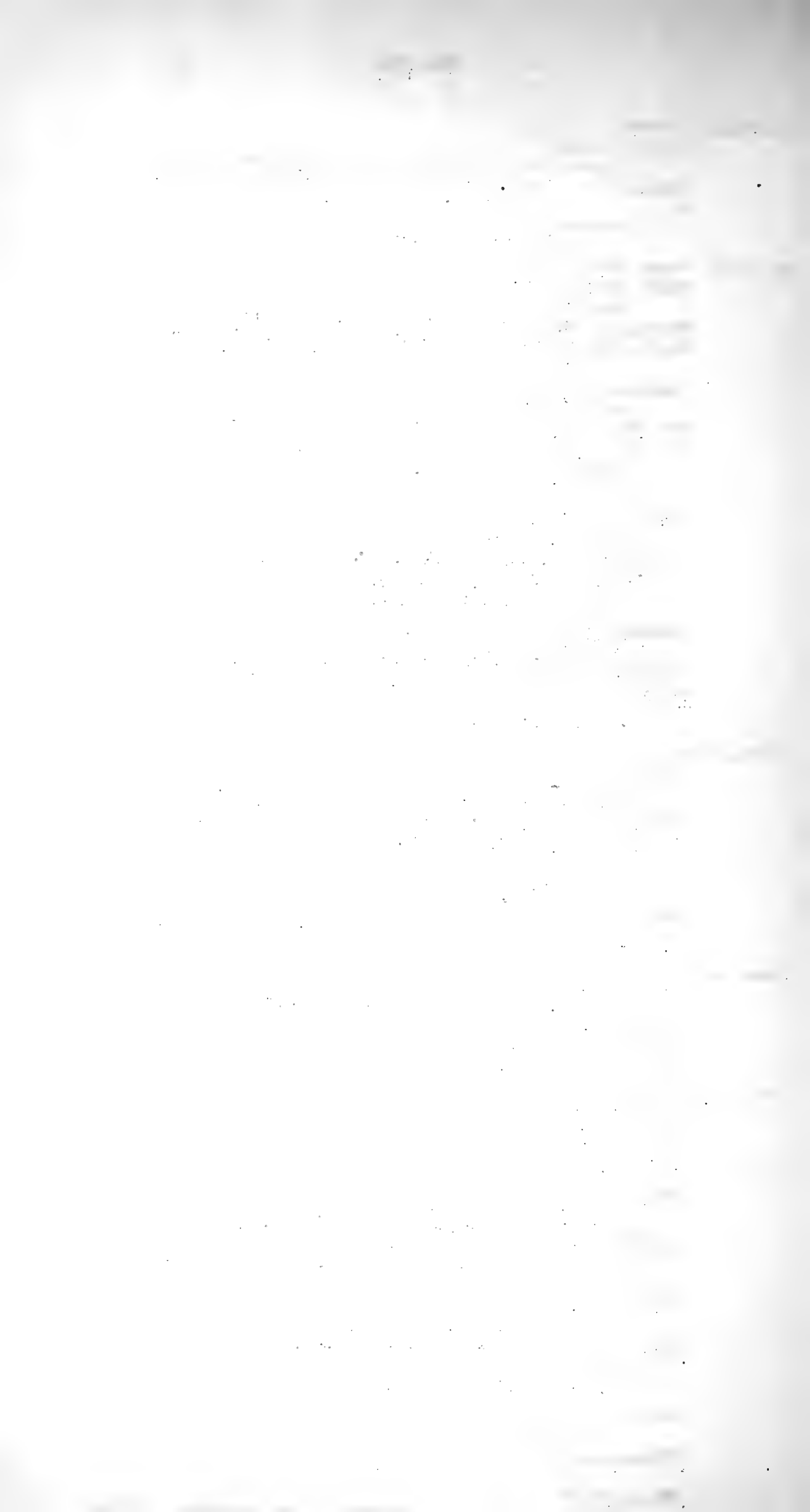
The application of genetic principles to potato
breeding. Proc. Potato Assoc. Amer. 9: 81-86.
1923.
References cited: p. 86.

Moore, H. C.

Seed potato certification in Michigan. Proc.
Potato Assoc. Amer. 9: 68-77. 1923.

Perry, F. R.

Methods in the improvement of seed potatoes. Proc.
Potato Assoc. Amer. 9: 64-68. 1923.



Proc. Potato Assoc. Amer. (cont.)

Stuart, William.

Report of committee on varietal nomenclature and testing. Proc. Potato Assoc. Amer. 9: 33-37. 1923.

Stuart, William

Report of special committee on the relation of varietal type to yield. Proc. Potato Assoc. Amer. 9: 77-78. 1923.

Tolaas, A. G.

Report of committee on seed potato improvement and certification. Proc. Potato Assoc. Amer. 9: 45-47. 1923.

Tolaas, A. G.

Summary of seed potato certification in the United States and Canada in 1922. Proc. Potato Assoc. Amer. 9: 47-64. 1923.

Weiss, Freeman.

Important papers published during the past year on parasitic diseases of the potato. Proc. Potato Assoc. Amer. 9: 24-29. 1923.

Weiss, Freeman.

Recent advances in the investigation of parasitic diseases of the potato. Proc. Potato Assoc. Amer. 9: 22-24. 1923.

Proc. Tenn. State Hort. Soc.

Sherbakoff, C. D.

Apple diseases and their control. Proc. Tenn. State Hort. Soc. 17th, p. 42-45, 1922. (Rec'd. Ja., 1924)

Sherbakoff, C. D.

Crown gall control in the nursery. Proc. Tenn. State Hort. Soc. 17th. p. 74-77. illus. 1922. (Rec'd. Ja., 1924)

Quart. Bull. Florida St.Pl.Bd.

Ayers, E. L.

Rootknot. Quart. Bull. Florida St.Pl.Bd. 8: 9-10. O. 1923 (Rec'd. Ja., 1924) no.1.

Weber, G. F.

Field work in Florida during the year on disease control. Quart. Bull. Florida St.Pl.Bd. 8: 1-8. O. 1923. (Rec'd. Ja. 1924) no. 1.

Queensl. Bur. Sugar Exp. Stat. Div. Path. Bull.

Tryon, Henry.

Top rot of the sugar-cane. An inquiry into the nature and origin of a disease affecting sugar-cane in the Herbert River and other districts of Queensland. Queensland Bur. Sugar Exp. Stat. Div. Path. Bull. no. 1. 56 p. pl. i-ix. 1923.

Rev. Agr. Puerto Rico.

Cook, O. F.

Efecto de la sombra en la calidad del cafe. Rev. Agr. Puerto Rico. v.11, no. 6. p. 7-10. D. 1923.

Wester, P. J.

El arbol del pan. Rev. Agr. Puerto Rico. v.11, no.6. p.31-35. illus. D. 1923.

Rev. Agr. Puerto Rico. (cont.)

Wester, P. J.

El cultivo de la roselle y su utilidad práctica.
Rev. Agr. Puerto Rico. v.11, no.6. p. 57-62. illus.
D. 1923.

Rev. Agr. Santo Domingo.

Faris, J. A.

El "mosáico" en la caña de azúcar. Historia de
esta enfermedad en la caña dominicana. Rev. Agr.
Santo Domingo. 18: 84-92. No.30, 1923. no.5.

Rev. Bot. Appl.

Camus, Aimée.

Utilisation du Dendrocalamus brandisii Kurz et de
quelques especes voisines. Rev. Bot. Appl. 3: 777-
778. No.30, 1923. no.27.

La culture de l'Agave cantala en Indochine. Rev.
Bot. Appl. 3: 719-732. N.30, 1923. no. 27.

I. Note preleminaire. By Aug. Chevalier.

II. Essais de culture en Annam. By A. Caville.

III. Etude technique des fibres. By A. Vernet.

Guillaume, Albert.

Les Lupins horticoles et de grande culture. Leurs
emplois. Rev. Bot. Appl. 3: 758-770. N.30, 1923.
no. 27.

Husnot, T.

Principales plantes fourragères vivant dans les
prairies naturelles de Normandie. Leur valeur, leur
multiplication, les terres qui leur conviennent, leur
emploi pour l'amélioration des herbages. Rev. Bot.
Appl. 3: 742-751. N.30, 1923. no. 27.

Perrier de la Bathie, Henri.

Sur le pois du cap (Phaseolus lunatus). Rev.
Bot. Appl. 3: 751-757. N.30, 1923. no. 27.

I. Les Phaseolus de Madagascar.

II. La culture du pois du cap a Madagascar. D'apres
F. Reynier.

Rev. Hist. Nat. Appl. pt. I.

Lemesle, Eugène.

L'utilisation des salicornes dans l'alimentation.
Rev. Hist. Nat. Appl. pt.I. 4: 348-352. No. 1923.
no.11.

Rev. Hort.

Bois, Désiré.

Le lis royal. Liliun regale Wilson. Rev. Hort.
95: 548-549. col.pl. D.16, 1923. no.24.

Rev. Vitic.

Rives, Louis

Le court-noué et les mycorhizes endotrophes de
la vigne. Rev. Vitic. 59: 385-392, 405-409.
illus. D.13,20, 1923. no. 1537-1538.

Rose Annual. Nat. Rose Soc.

Darlington, H. R.

A preliminary note on a new rose disease. Rose
Annual Nat. Rose Soc. 1923. p. 181-184.

"The fungus, which is apparently the cause of the
disease, permeates the soil principally as thin cotton-
like strands, and where there is manure occurs as a
greyish-white powdery film. So far the identity of the
fungus has not been ascertained, nor whether it is
really the cause of the disease." Note by editor.

Rose Annual. Nat. Rose Soc. (cont.)

Ramsbottom, John.

The earliest description of a rose disease.

Rose Annual Nat. Rose Soc. 1923. p. 163-170.
illus.

In Robert Hooke's Micrographia Observ. XIX. 1665.

Shelley, A.D.G.

Winter spraying. Rose Annual. Nat. Rose Soc.
1923. p. 62-64.

Science.

Color photographs of microscopic plants. Science.
v.59, no.1514. Suppl. p. x. Ja.4, 1924.

Ellis, M. M. & Eyster, W.H.

Some effects of insulin and glucokinin on maize
seedlings. Science. 58: 541-542. D.28, 1923.
no.1513.

Fishing for microscopic plants. Science. v.59,
no.1514. Suppl. p.xii. Ja.4, 1924.

Scient. Agr.

Brittain, W. H.

Methods employed in recording results of spraying
and dusting experiments in apple orchards. Scient.
Agr. 4: 141-151. Ja. 1924. no.5.

Sver. Utsädesför, Tidskr.

Åkerman, Åke.

Sommarens gulrostangrepp på vetet. Sver.
Utsädesför. Tidskr. 33: 262-267. 1923. no.5.

Nilsson, Georg.

Några undersökningar rörande olika betnings-
models inverkan på skjutkraften hos havre. Sver.
Utsädesför. Tidskr. 33: 276-285. 1923. no. 5.

Trans. Brit. Mycol. Soc.

Alexander, P. J.

Ecology and phenology of Surrey Mycetozoa.
Trans. Brit. Mycol. Soc. 9: 58-77. S. 1923. no.1/2

Brooks, F.T.

Some present-day aspects of mycology. Trans.
Brit. Mycol. Soc. 9: 14-32. S. 1923. no. 1/2.

Brooks, R. St. John. & Rhodes, Mabel.

A list of fungi &c. maintained in the national
collection of type cultures. Trans. Brit. Mycol.
Soc. 9: 95-99. S. 1923. no. 1/2.

Buckley, W.D.

New British Discomycetes. Trans. Brit. Mycol.
Soc. 9: 43-47. S. 1923. no. 1/2.

Ramsbottomia nov.gen., R.lamprosporoidea; Lam-
prospora campylopodis, Ciliaria caudata n. sp.

Charles, J. H. V.

Spore formation in Rhacodium cellare Pers.
Trans. Brit. Mycol. Soc. 9: 94-95. S. 1923. no.1/2.
Confirms the conclusions of Guéguen, that Rhacodium
belongs to the Dematiaceae.

Cheesman, W.N. & Elliott, W.T.

Report on the Mycetozoa found during the foray at
Keswick. Trans. Brit. Mycol. Soc. 9: 12-14.
S. 1923. no. 1/2.

Trans. Brit. Mycol. Soc. (cont.)

Hake, W. L.

British Laboulbeniaceae. A catalogue of the British specimens in the Traxter collection at the British Museum. Trans. Brit. Mycol. Soc. 9: 78-82. S. 1923. no. 1/2.

Hastings, Somerville.

An Alpine form of *Anellaria spearata*. Trans. Brit. Mycol. Soc. 9: 34-35. pl. i. S. 1923. no. 1/2.

Hoggan, I. A.

On *Dematium pullulans* De Bary. Trans. Brit. Mycol. Soc. 9: 100-107. S. 1923. no. 1/2.
References: p. 107.

Lister, Gullielma

Lamproderma columbinum Rost. and its varieties. Trans. Brit. Mycol. Soc. 9: 32-34. S. 1923. no. 1/2.

McLean, R. C.

Remarks on the nature and definition of species. Trans. Brit. Mycol. Soc. 9: 47-58. S. 1923. no. 1/2.

Petch, Thomas.

Studies in entomogenous fungi. III, (i.e. IV) *Torrubiella*. Trans. Brit. Mycol. Soc. 9: 108-128. col. pl. ii. S. 1923. no. 1/2.
T. flava n. sp.

Rea, Carleton.

Edible fungi. Trans. Brit. Mycol. Soc. 9: 35-43. S. 1923. no. 1/2.

Ridler, W. F. F.

The fungus present in *Lunularia cruciata* (L.) Dum. Trans. Brit. Mycol. Soc. 9: 82-92. illus. S. 1923. no. 1/2.
References: p. 92.

Die Umschau.

Wagner, Hans.

Die Kohlensäure als Wachstumsfaktor der Pflanzen. Die Umschau. 27: 785-786. D. 15, 1923. no. 50.

Zeitschr. Pflanzenzucht.

Dreger, A.

Gesammelte Erfahrungen eines Pflanzenzüchters. Zeitschr. Pflanzenzucht. 9: 101-136. illus. S. 1923. no. 2.

Heuser, W.

Beobachtungen über Farbvariationen der Samensackel von *Vicia faba*. Zeitschr. Pflanzenzucht. 9: 170-184. S. 1923. No. 2.

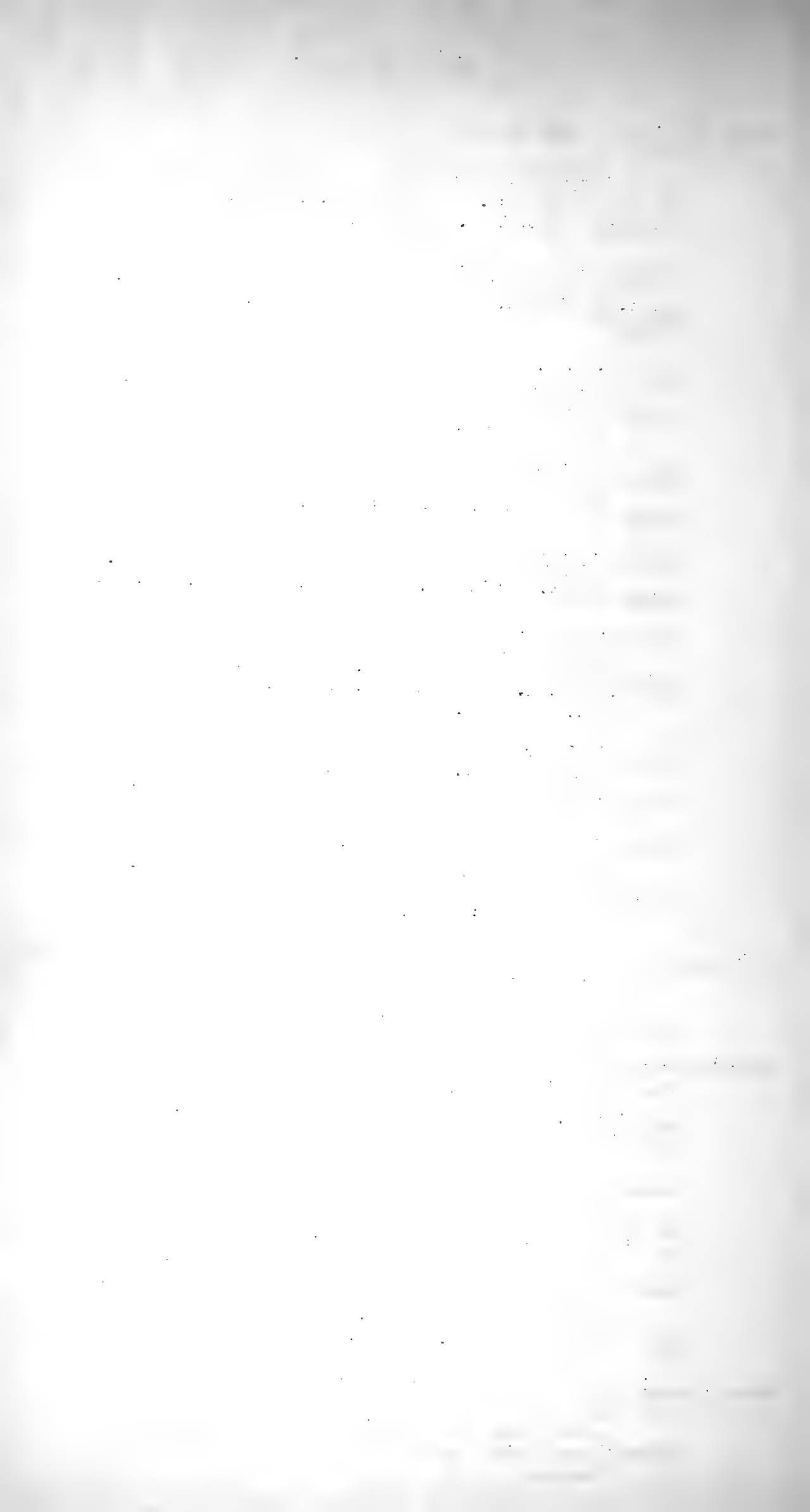
Munerati, Ottavio.

Beitrag zum Studium der Selbstunempfänglichkeit des Roggens. Zeitschr. Pflanzenzucht. 9: 176-178. illus. S. 1923. no. 2.

Zhurn. Bolesn. Rast. (Journ. Plant Port.)

Bondartzev, A.

Anthraxnose of palm, *Gloeosporium palmarum*. Zhurn. Bolesn. Rast. 1922. p. 1-2. Oud. Russian.



Zhurn. Bolesn. Rast (Journ. Plant Port.) (cont.)

Vanin, S. I.

Diseases of trees in the Romanoff forest of Tambov
Zhurn. Bolesn. Rast. 1922. p. 9-23.
Russian.

Bomdartzev-Monteverde, V.N.

New tomato fruit spot. *Diplodina lycopersicola* V.
Bond.-Mont. sp.nov. Zhurn. Bolesn. Rast. 1922.
p. 24-31. illus.
Russian.

Exper. Stat. Publ.

Horne, W.T., Essig, E.O. & Herms, W.B.

Plant disease and pest control. California
Agr. Exp. Stat. Circ. 265. 104 p. Je. 1923.
(Rec'd Ja. 1924)

Revision of Circ. no. 227 (Plant disease and
pest control, by W.T. Horne & E.O. Essig.)

Anderson, R. J.

Chemical studies of grape pigments. The antho-
cyans in Norton and Concord grapes. New York Agr.
Exp. Stat. Techn. Bull. 96. 19 p. Ag. 1923. (Rec'd
d.)

Parks, T. H.

Potato hopperburn (Tipburn) control with Bordeaux
mixture. Ohio Agr. Exp. Stat. Bull. 368. p. 243-
258. illus. Je. 1923 (Rec'd D.)

Burns, G.P.

Studies in tolerance of New England forest trees.
IV. Minimum lighth requirement referred to a definite
standard. Vermont Agr. Exp. Stat. Bull. 235. 32 p.
2 pl. Jl. 1923 (Rec'd D.)
Bibliography : p. 32.

New Books.

Bonnier, G.E.M.

Flore complète illustrée... v.7, fasc.65. 1923.

Clements, F.E. & Long, F.L.

Experimental pollination. An outline of the ecology
of flowers and insects. Washington, 1923. (Carnegie
Inst. Publ. no. 336)

Cockerham, K. L.

A manual for spraying. N. Y. Macmillan, 1923.

Dallimore, William, & Jackson, A. B.

A handbook of Coniferae including Ginkgoaceae.
New York; London, Longmans, 1923.
Notes on diseases under treatment of genera.

Hollrung, Max.

Die mittel sur bekämpfung der pflanzenkrankheiten.
3. aufl. Berlin, P. Parey, 1923.

Johansson, K. & Samuelsson, G.

Dalarnes Hieracia silvaticiformia. Leipzig,
1923.

Knoche, Hermann.

Flora balearica. v.3 1923.

Noll, J.W. & Janssonius, H. H.

Botanical pen-portraits. The Hague, M. Nijhoff,
1923.



Agron. Colon.

Bruno, Francesco & Sorgês, Felice.
Esperimenti sulla utilizzazione industriale dell'
Andropogon citratus DC. nel R. Giardino Coloniale di
Palermo. Agron. Colon. 17: 365-374. pl. O.-N.
1923. no. 10/11.
Bibliografia: p. 374.

Amer. Fruit Grow. Mag.

Heppner, M. J.
Frost and the fruit grower. Amer. Fruit Grow.
Mag. v.44, no.1. p. 5, 42. illus. Ja. 1924.

Ann. Appl. Biol.

Bristol, B.M. & Page, H.J.
A critical enquiry into the alleged fixation of
nitrogen by green algae. Ann. Appl. Biol. 10:
378-408. pl. xxi-xxii. D. 1923. no. 3/4.
Selected bibliography: p. 407-408.

Hiley, W. E. & Cnallife, N.

Further observations on the relation of the height
growth of trees to meteorological conditions. Ann.
Appl. Biol. 10: 442-452. D. 1923. no. 3/4.
References: p. 452.

Owen, Owen.

Carbon dioxide in relation to glasshouse crops.
I-II. Ann. Appl. Biol. 10: 312-325. D. 1923.
no. 3/4.
References: p. 325.
I. The distribution of carbon dioxide in glasshouse
atmospheres.
II. The preparation of an atmosphere rich in
carbon dioxide. By Owen Owen and P. H. Williams.

Smith, J. H.

The killing of Botrytis cinerea by heat, with a
note on the determination of temperature coefficients.
Ann. Appl. Biol. 10: 335-347. D. 1923. no. 3/4.
References: p. 347.

Ann. Sci. Nat. Bot.

Blaringhem, Louis.
Mutations et chromosomes. Ann. Sci. Nat. Bot.
X,5: i-xxxi. D. 1923. no. 5/6.
Index bibliographique: p. xxix-xxxi.

Larraud, Marguerite.

Modifications causées par le climat alpin dans la
morphologie et l'anatomie florales. Ann. Sci. Nat.
Bot. X,5: 193-319. illus., pl. i-x. D. 1923.
no.5/6.
Index bibliographique: p. 309-312.

Pottier, Jacques.

Les dimensions cellulaires des feuilles dans le
genre "Timmia" et leurs variations avec l'altitude.
Ann. Sci. Nat. Bot. X,5: 321-342. D. 1923. no.5/6.

Ber. Deut. Bot. Ges.

Hunger, F. W.
Ueber die natur und das entstehen der kokosperle.
Ber. Deut. Bot. Ges. 41: 332-336. N. 1923. no. 8.

Ber. Deut. Bot. Ges. (cont.)

Meinx, Felix.

Ueber künstliche beeinflussung des kernteilungsvorgangs. Ber. Deut. Bot. Ges. 41: 352-354. N. 1923. no. 8.

Literatur: p. 354.

Schaeede, Reinhold.

Ueber das verhalten von pflanzenzellen gegenüber anilinfarbstoffen. II. Ber. Deut. Bot. Ges. 41: 345-351. N. 1923. no. 8.

Ursprung, Alfred.

Zur kenntnis der saugkraft VII. Eine neue, vereinfachte methode zur messung der saugkraft. Ber. Deut. Bot. Ges. 41: 338-343. N. 1923. no. 8.

Weber, Friedl.

Veranschaulichung der lentizellenwegsamkeit durch die H₂O₂-methode. Ber. Deut. Bot. Ges. 41: 336-338. N. 1923. no. 8.

Literatur: p. 338.

Wislouch, S. M.

Beiträge zur diatomeenflora von Asien. Ber. Deut. Bot. Ges. 41: 325-331. N. 1923. no. 8.

Biochem. Journ.

Barger, George & White, F.D.

Galuteolin, a new glucoside from Galega officinalis. Biochem. Journ. 17: 836-838. 1923. no. 6.

References: p. 838.

Haas, Paul & Russell-Wells, Barbara.

On the significance of the ash content of certain marine algae. Biochem. Journ. 17: 696-706. 1923. no. 6.

References: p. 706.

Bot. Tidsskr.

Hagerup, O.

Om "lobelia-diagram" hos *Erica cinerea* L. Bot. Tidsskr. 38: 137-140. illus. 1923. no. 2.

Literatur: p. 140.

English summary: p. 140.

Jørgensen, C. A.

Studies on Callitrichaceae. Bot. Tidsskr. 38: 81-126. illus. 1923. no. 2.

Literature cited: p. 121-122.

Rasmussen, R.

Tidst om *Caltha palustris* paa faerøerne. Bot. Tidsskr. 38: 127-136. 1923. no. 2.

Brit. Journ. Exper. Biol.

Gates, R. R.

Polyploidy. Brit. Journ. Exper. Biol. 1: 153-182. Jo. 1924. no. 2.

References: p. 179-182.

Bull. Econ. Madagascar.

Louvel,

Note sur les bois de Madagascar. Bull. Econ. Madagascar. v. 20, no. 2. p. 159-170. plates.

1923.

Bull. Mus. Hist. Nat. Paris.

Choux, Pierre.

Sur quelques asclépiadacées de Madagascar récemment reçues par le Muséum National d'Histoire Naturelle de Paris. Bull. Mus. Hist. Nat. Paris. 29: 448-451. 1923. no. 6.

Guillaumin, André.

Plante nouvelle des serres du muséum. Bull. Mus. Hist. Nat. Paris. 29: 396. 1923. no. 5.
Clavija brachystachys.

Perrier de la Bathie, Henri.

Crassulacées malgaches nouvelles. Bull. Mus. Hist. Nat. Paris. 29: 452-455. 1923. no. 6.
Sedum madagascarienses, Kalanchoe mandrakensis, K.aromatica.

Potier de la Varde, R.

Musciniées ammonites récoltées par M. Poilane. (Institut scientifique de l'Indochine) Bull. Mus. Hist. Nat. Paris. 29: 397-404. illus. 1923. no. 5.

Thériot, Irénée.

Reliquiae ronauldianae. Bull. Mus. Hist. Nat. Paris. 29: 456-461. 1923. no. 6.

Bull. Soc. Dendrol. France.

Hers, J.

Notes sur les conifères de la Chine du Nord. Bull. Soc. Dendrol. France. 1923, no. 49. p. 160-171.

Hers, J.

Notes sur les saules et peupliers de la Chine du Nord. Bull. Soc. Dendrol. France. 1923, no. 49. p. 152-159.

Bull. Soc. Path. Exot.

Franchini, G.

Nouvelles recherches sur les protozoaires des plantes à latex. Bull. Soc. Path. Exot. 16: 655-659. illus. N. 1923. no. 9.

Franchini, G.

Sur un flagellé d'une asclépiadacée (*Arauja angustifolia*) Bull. Soc. Path. Exot. 16: 652-655. illus. N. 1923. no. 9.

Franchini, G.

Sur un flagellé particulier d'une urticacée (*Ficus benjamina*) Bull. Soc. Path. Exot. 16: 650-652. illus. N. 1923. no. 9.

Franchini, G.

Sur un protozoaire d'*Euphorbia cereiformis* et sur sa culture. Bull. Soc. Path. Exot. 16: 642-646. illus. N. 1923. no. 9.

Bull. Soc. Sci. Nat. Ouest France.

Boulenger, G. A.

Sur quelques roses de Bretagne. Bull. Soc. Sci. Nat. Ouest France. IV, 2: 57-80. illus. 1922. no. 1/2.

Gadeceau, Emile.

Note sur le *Rumex maximus*. Bull. Soc. Sci. Nat. Ouest France. IV, 2: 107-108. 1922. no. 3/4.

Calif. Citrogr.

Smith, Willard.
Wind damage and its prevention. Calif.
Citrogr. 9: 124, 144. illus. F. 1924. no.4.

Young, F.D.
Frost protection by artificial mixing of air.
Calif. Citrogr. 9: 125, 132, 136, 138. F. 1924.
no.4.

Canad. Hort.

Control of vegetable diseases. Canad. Hort.
47: 6. Ja. 1924. no.1.

More about damping-off. Canad. Hort. 47: 7.
Ja. 1924. no.1.

Citrus Leaves.

Fawcett, H. S.
Common gum diseases of citrus and their treatment.
Citrus Leaves. v.3, no.1. p.1-4. illus. Ja. 1924.

Il Coltiv.

Gabotto, Luigi.
Il vischio. Il Coltiv. 69: 553-554. illus.
D.30, 1923. no.36.

Compt. Rend. Acad. Agr. France.

Loyer, Maurice.
Emploi des chlorates pour la destruction des herbes
dans les céréales de printemps. Compt. Rend. Acad.
Agr. France. 9: 957-960. D.26, 1923. no.38.

Moreau, L.

Contribution a l'étude de la maladie de l'esca
(Apoplexie de la vigne) et de son traitement. Compt.
Rend. Acad. Agr. France. 9: 951-953. D.26, 1923. no.38.

Poutiers, R.

La lutte contre les ennemis de l'olivier. Compt.
Rend. Acad. Agr. France. 9: 908-912. D.12, 1923.
no.36.

Schribaux, Emile.

Comment arriver a détruire par voie chimique et biologique
les organes souterrains et les graines des mauvaises herbes?
Compt. Rend. Acad. Agr. France. 9: 941-944. D.26, 1923.
no.38.

Compt. Rend. Acad. Sci. Paris.

André, Gustave.
Sur la composition des sucs végétaux extraits par
pression. Compt. Rend. Acad. Sci. Paris. 173: 114-
116. Ja.2, 1924. no. 1.

Daniel, Lucien.

Hérédité d'un caractère acquis par greffe chez le
topinambour. Compt. Rend. Acad. Sci. Paris. 177:
1449-1452. illus. D.26, 1923. no.26.

Jumelle, Henri.

Les Cytinus de Madagascar. Compt. Rend. Acad.
Sci. Paris. 177: 1431-1435. D.26, 1923. no.26.

Molliard, Marin.

Nouvelles recherches sur la formation d'acides organiques
par le Sterigmatocystis nigra en milieux déséquilibrés.
Compt. Rend. Acad. Sci. Paris. 178: 41-45. Ja.2, 1924. no.1.

Compt. Rend. Acad. Sci. Paris (cont.)

Stanescu, P. P.

Les variations quantitatives de l'amidon dans les
feuilles des plantes vertes pendant une journée (24
heures) Compt. Rend. Acad. Sci. Paris. 178: 117-
119. illus. Ja.2, 1924. no. 1.

Stoklasa, Jules.

De la fonction physiologique de l'iode dans
l'organisme de la betterave à sucre. Compt. Rend.
Acad. Sci. Paris. 178: 120-122. Ja.2, 1924. no. 1.

Compt. Rend. Labor. Carlsberg.

Winge, Ojvind.

On sex chromosomes, sex determination, and
preponderance of females in some dioecious plants.
Compt. Rend. Labor. Carlsberg. v.15, no.5. 26 p.
pl. 1-4. 1923.

Literature: p. 24-25.

Compt. Rend. Soc. Biol. Paris.

Reinhard, A. W.

Formation de l'amidon par les feuilles des
plantes supérieures et présence de sucre dans les
aliments. Compt. Rend. Soc. Biol. Paris. 89:
1274-1276. D.22, 1923. no. 37.

Skalinska, Marie.

Recherches sur la sélection des bourgeons chez
une race polymorphe du *Petunia*, et le problème de la
production de nouvelles variétés. Compt. Rend. Soc.
Biol. Paris. 89: 1367-1369. D.22, 1923. no. 37.

Congr. Path. Vég. Strasbourg, 1923.

Bolle,

Le Bureau Central de cultures champignons de
Baarn (Hollande) Congr. Path. Vég. Strasbourg.
1923. p. 21-25.

Chabrolin, C.

Valeur anticryptogamique comparée des bouillies
cupriques et des bouillies sulfocalciques. Congr.
Fath. Vég. Strasbourg. 1923. p. 60-62.

Chaptal, J.

Les avertissements agricoles et la phyto-
pathologie. Congr. Path. Vég. Strasbourg. 1923.
p. 71-74.

Chifflet, Jean.

Maladies et parasites des boutures de chrysan-
thèmes. Congr. Path. Veg. Strasbourg. 1923.
p. 42-44.

Fischer, Eduard.

Aperçu des recherches effectuées à l'Institut
botanique de Berne sur la biologie des champignons
parasites. Congr. Path. Veg. Strasbourg. 1923.
p. 17-21.

Foex, Etienne.

Quelques mots sur les modes d'hibernation des
erysiphacées. Congr. Path. Vég. Strasbourg. 1923.
p. 37-41.

Congr. Path. Vég. Strasbourg, 1923 (cont.)

Gard, Médéric.

Les bouillies cupriques modifient les propriétés physiques de la surface des feuilles sur lesquelles elles sont appliquées. Congr. Path. Veg. Strasbourg. 1923. p. 57-60.

Gervais, Prosper.

Quelques réflexions sur la valeur des sels de cuivre employés en viticulture. Congr. Path. Vég. Strasbourg. 1923. p. 62-64.

Magrou, Joseph.

Pasteur et la pathologie végétale. Congr. Path. Vég. Strasbourg. 1923. p. 12-16.

Marsais, Paul.

Maladie de l'esca. Congr. Path. Vég. Strasbourg. 1923. p. 64-70.

Petri, Lionello.

Sur la formation des chlamydospores chez l'oidium des chênes. Congr. Path. Vég. Strasbourg. 1923. p. 36-37.

Picado, C.

Sur l'action à distance des champignons phytopathogènes. Congr. Path. Vég. Strasbourg. 1923. p. 28-34.

Raybaud, L.

Le Cladosporium lauri parasite de la cochenille du laurier. Congr. Path. Vég. Strasbourg. 1923. p. 48-49.

Seabra, A.F. de.

Note sur l'importance des champignons entomophages dans l'agriculture tropicale. Congr. Path. Vég. Strasbourg. 1923. p. 41-42.

Shear, Cornelius.

Allocution... Congr. Path. Vég. Strasbourg. 1923. p. 10-12.

Trzebinski, Josef & Minkiewicz, St.

Quelques mots sur l'organisation et l'activité de la section de la protection des plantes cultivées et de la section d'entomologie de l'Institut National polonais d'Economie Rurale de Pulawy. Congr. Path. Vég. Strasbourg. 1923. p. 34-36.

Vuillemin, Paul.

Pasteur et la pathologie végétale. Congr. Path. Vég. Strasbourg. 1923. p. 16-17.

Country Life. London.

Cox, E.H.M.

Looking back. I- Country Life. 55: 64-66, Ja. 12, 1924. no. 1410.

I. A few notes on a journey with the late Reginald Farrer in Upper Burma.

Wilson, E.H.

American crab apples. Country Life. 55: 26-28. illus. Ja. 5, 1924. no. 1409.

Deut. Obstb. Zeit.

Wilke, S.

Ueber das wurzelälchen (*Heterodera radicum* Greeff) und seine bekämpfung. Deut. Obstb. Zeit. 69: 388-389. D.21, 1923. no.51.

Zippelius, H.

Beizversuche mit "Uspulun" bei frühkartoffeln. Deut. Obstb. Zeit. 69: 377. D.14, 1923. no.50.

Florida Grow.

Nematode resistant varieties of cowpeas. Florida Grow. v.29, no.3. p.9. Ja.19, 1924.

A blight resisting pear. Florida Grow. v.29, no.3. p. 9. Ja.19, 1924.

Garden.

Correvon, Henry.

Notes from Flore. Garden. 88: 17-18. illus. Ja.12, 1924. no.2721.

Dykes, W. R.

Some early-flowering bulbs. Garden. 88: 6-8. illus. Ja.5, 1924. no.2720.

Irving, Walter.

The champions. Garden. 88: 19-20. illus. Ja.12, 1924. no.2721.

Irving, Walter.

The genus *Allium*. Garden. 88: 4-5. illus. Ja.5, 1924. no.2720.

Irving, Walter.

The pick of the *Silenes*. Garden. 87: 671-673. illus. D.29, 1923. no.2719.

Osborn, Arthur.

The Laburnums. Garden. 88: 15-17. illus. Ja. 12, 1924. no. 2721.

Jacob, Joseph.

Profitable instructions for the manuring, sowing and planting of kitchen gardens, 1599. A paean on carrots. Garden. 87: 667-668. D.22, 1923. no. 2718.

Preston, F. G.

The Saururaceae. Garden. 87: 674. illus. D.29, 1923. no. 2719.

Gard. Mag.

Wilson, E. H.

Travel tales of a plant collector. XII. The tropics of the New World. Gard. Mag. 38: 355-359. illus. F. 1924. no.6.

Gard. Chron.

Buddin, W. & Wakefield, E.M.

"Black-leg" of *Pelargonium* cuttings. Gard. Chron. III, 75: 25. illus. Ja.12, 1924. no. 1933.
Due to *Pythium debaryanum*.

Dowson, W. J.

A new disease of sweet peas. Gard. Chron. III, 75: 10. Ja.5, 1924. no.1932.

Abstract of paper before Brit. Mycol. Soc.

Fungus neither *Erysiphe polygoni* nor *Peronospora viciae*, spores resemble in all but color those of *Hormodendron cladosporioides*, name and systematic position undetermined.

Gard. Chron. (cont.)

Grove, Arthur.

Lilies in 1923. Gard. Chron. III, 75: 22-23.
illus. Ja.12, 1924. no.1933.

Irving Walter,

Two notable new barberries. Gard. Chron. III,
75: 21. illus. Ja.12, 1924. no.1933.

J , A. T.

The ash-leaved spiraeas. Gard. Chron. III, 75:
9. Ja.5, 1924. no. 1932.

McPherson, J. A.

Celmisias. Gard. Chron. III, 75: 6-7. illus.,
pl. Ja.5, 1924. no.1932.

Macself, A. J.

Deterioration in chrysanthemums. Gard. Chron.
III, 75: 20-21. Ja.12, 1924. no.1933.

R. P. Brotherston.

Gard. Chron. III, 75: 13.
port. Ja.5, 1924. no. 1932.
Died F.21, 1923.

Roberts, William.

Dr. John Hall of Maidstone: botanist and poet.
Gard. Chron. III, 75: 6. Ja.5, 1924. no.1932.

Ward, F. K.

Mr. Kingdon Ward's seventh expedition in Asia.
no.26. Back to civilization. Gard. Chron. III, 74:
378-379. illus. D. 29, 1923. no. 1931.

Gard. Illus.

Club-infected ground. Gard. Illus. 45: 807,
D.22, 1923. no. 2337.

Dykes, W. R.

Wild species of tulip. Gard. Illus. 45: 802-
803. D.22, 1923. no. 2337.

Edwards, J.

Douglas fir (*Pseudotsuga douglasi*) Gard. Illus.
45: 799. illus. D.22,1923. no. 2337.

H , F.

Sea hollies (*Eryngium*) Gard. Illus. 46: 27.
Ja. 12, 1924. no. 2340.

Some shrubby spiraeas.

Gard. Illus. 45: 817-818.
D.29, 1923. no. 2338.

U , J.

The interesting Mistletoe. Gard. Illus. 45:
799. D.22, 1923. no.2337.

Hoosier Hort.

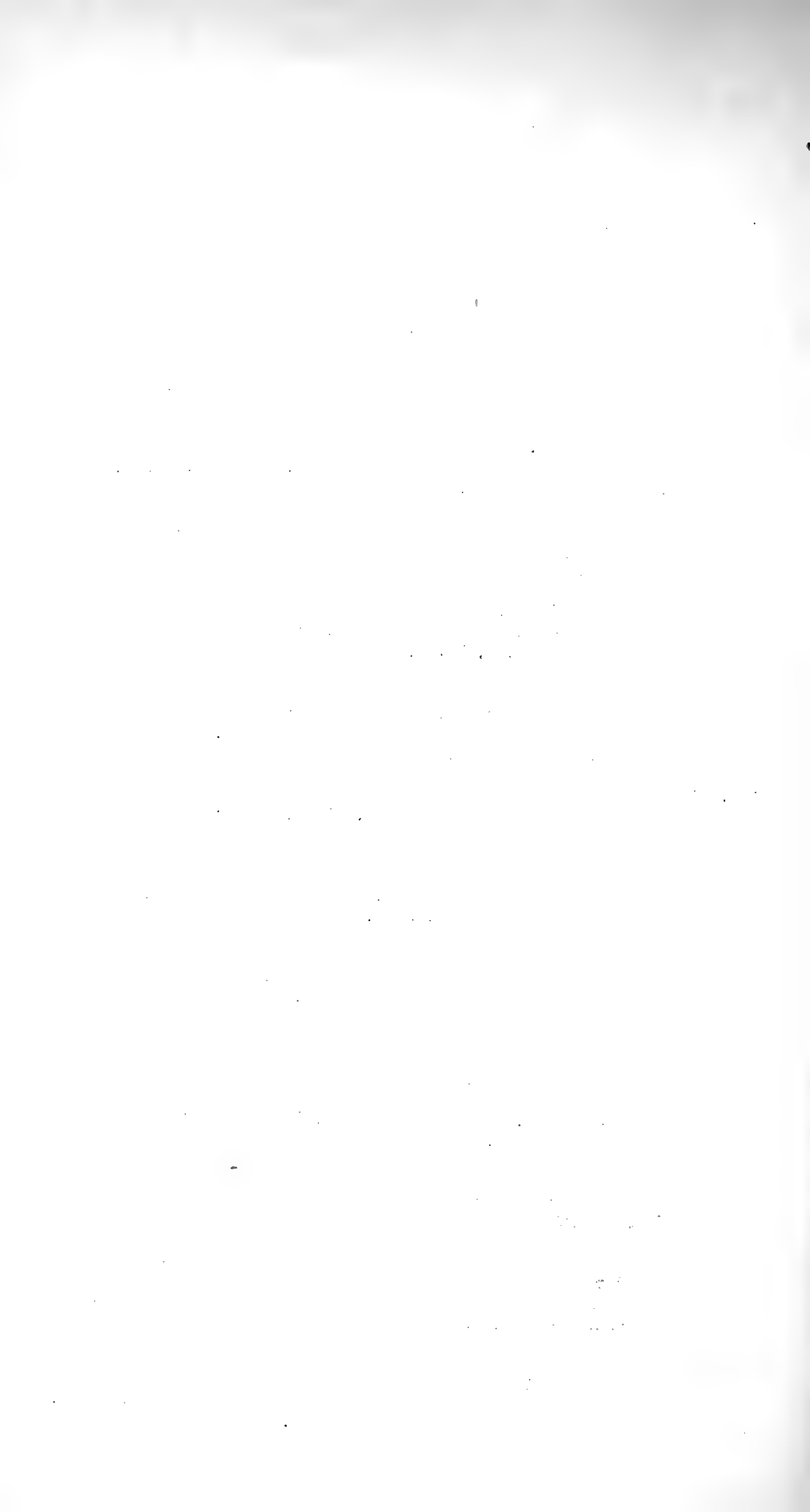
Gardner, M. W.

Apple blotch in Indiana. Hoosier Hort. v.6, no.1.
p. 3-11. Ja. 1924.

Indian For. Rec.

Simonsen, J. L.

The constituents of some Indian essential oils. pt.XI.
Indian For. Rec. v.10, pt.1. 10 p. 1923.



Istria Agr.

Calegari, M.

Note sui funghi intesi in senso popolare. Istria
Agr. 3: 550-553. D.15, 1923. no. 23.

Journ. Agr. Prat.

Marre, Eugene.

Les champignons secs en Rouergue. Journ. Agr.
Prat. 88 (n.s. v.41): 35-37. Ja. 12, 1924. no. 2.

Mottet, Seraphim.

Les graminées des prairies en terrains humides.
Journ. Agr. Prat. 88(n.s. v.41): 34-35. col. pl. v.
Ja. 12, 1924. no. 2.

Noffray, B.

Balai de sorcière du cerisier. Journ. Agr. Prat.
88 (n.s. v.41): 29-30. Ja. 12, 1924. no. 2.

Journ. Amer. Soc. Agron.

Kiesselbach, T. A. & Cook, G. C.

The relative effects of foreign pollen upon the
kernel weight of commercial varieties and selfed strains
of corn. Journ. Amer. Soc. Agron. 16: 30-36.
Ja. 1924. no. 1.

Literature cited: p. 36.

Skinner, J. J.

Influence of soil type on the yield and quality
of pecans. Journ. Amer. Soc. Agron. 16: 51-57.
Ja. 1924. no. 1.

Tiemann, O. P.

Physical characteristics of disease-free seed corn.
Journ. Amer. Soc. Agron. 16: 37-40. Ja. 1924. no. 1.

Journ. Dept. Agr. So. Africa.

Evans, I. B. Pole.

Report..Botany and plant pathology 1922/23.
Journ. Dept. Agr. So. Africa. 7: 550-552. D. 1923. no. 6.

Journ. Dept. Agr. & Techn. Instr. Ireland.

Degeneration in the potato. Journ. Dept. Agr. &
Techn. Instr. Ireland. 23: 284-285. N. 1923. no. 3.

White spots on flax seed. Journ. Dept. Agr. & Techn.
Instr. Ireland. 23: 286. N. 1923. no. 3.

Journ. Gen. Physiol.

Lyon, C. J.

The effect of phosphates on respiration. Journ.
Gen. Physiol. 6: 299-306. Ja. 1924. no. 3.

Robbins, W. J.

Isoelectric points for the mycelium of fungi.
Journ. Gen. Physiol. 6: 259-271. Ja. 1924. no. 3.
Bibliography: p. 271.

Journ. Gold Coast Agr. & Comm. Soc.

Bunting, R. H.

Mycological notes. Journ. Gold Coast Agr. &
Comm. Soc. 2: 163-165. Ap.-S. 1923. no. 5/4.
Liberian coffee disease. - Collar crack of cocoa.

Journ. Helminth.

Goodey, T.

Eelworm disease of potatoes caused by *Tylenchus*
dipsaci. Journ. Helminth. 1: 197-204. pl. D. 1923.
no. 5.

References: p. 203.

Journ. Min. Agr. Ct. Brit.

Salmon, E. S. & Wormald, H.
The prevention of "bunt" in wheat. Journ. Min.
Agr. Ct. Brit. 30: 918-925. Ja. 1924. no. 10.

Journ. Textile Inst.

Hariand, S. C.
The inheritance of the number of boll loculi in
cotton. Journ. Textile Inst. 14: T482-T488.
D. 1923. no. 12.
References: p. T488.

Journ. Wash. Acad. Sci.

Piper, C. V.
The genus *Oxyrhynchus* Brandegees. Journ. Wash.
Acad. Sci. 14: 46-49. illus. Ja. 19, 1924. no. 2.
Oxyrhynchus alienus, sp. nov.

K. Landtbr. Akad. Handl. o. Tidskr.

Henning, Ernst.
Berberislagen och Berberisutrotningen. K. Landtbr.
Akad. Handl. o. Tidskr. 62: 674-686. 1923. no. 3.

Sellergron, Gustaf.

Islandska fibervaxter. K. Landtbr. Akad. Handl.
o. Tidskr. 62: 722-748. illus. 1923. no. 3.

Madroño.

Jepson, W. L.
Xanthenia hystriacula Greene. Madroño. 1: 147.
Ja. 1924. no. 9.

Jepson, W. L.

A revision of Californian Umbelliferae. IV.
Madroño. 1: 149-162. illus. Ja. 1924. no. 9.

Jepson, W. L.

The specific status of *Claytonia nevadensis*.
Madroño. 1: 147-148. Ja. 1924. no. 9.

Manning, M. H.

Ranunculus glaberrimus Hook. Madroño. 1: 147.
Ja. 1924. no. 9.

Mitt. Deut. Landw. Ges.

Zsöc, Adolf.
Die anfälligkeit unserer winterweizensorten gegen-
über dem steinbrand. Mitt. Deut. Landw. Ges. 38:
666-667. D. 29, 1923. no. 52.

Mycologia.

Burlingham, G. S.
Notes on species of *Russula*. Mycologia. 16:
16-23. pl. 4-5. Ja. 1924. no. 1.

Garrett, A. O.

The aecial stage of *Puccinia pattersoniana*.
Mycologia. 16: 33-35. Ja. 1924. no. 1.

Levine, Michael.

Studies on plant cancers VI. Further studies on the
behavior of crown gall on the rubber plant, *Ficus elastica*.
Mycologia. 16: 21-23. pl. 6. Ja. 1924. no. 1.
Literature cited: p. 29.

Murrill, W. A.

Woodstock fungi. Mycologia. 16: 44-46. Ja.
1924. no. 1.

Mycologia. (cont.)

Seaver, F. J.
Additions to the rust flora of the West Indies.
Mycologia. 16: 46-48. Ja. 1924, no.1.
Uromyces anthacanthi, sp.nov.

Seaver, F. J.
The fungous flora of St. Thomas. Mycologia.
16: 1-15. pl. 1-3. Ja. 1924. no.1.

Tehon, J.R. & Young, P. A.
A new *Hysterium* from Illinois. Mycologia. 16:
30-32. illus. Ja. 1924. no.1.
Hysterium pulcherrimum, sp. nov.

Nat. Canad.

Fernald, M. L.
The gentian of the tidal shores of the St. Law-
rence. Nat. Canad. 50: 121-127. illus. D.
1923. no. 6.
G. victorinii n. sp.

Nature.

Brooks, F. T.
Virus diseases of plants. Nature. 112: 955.
D. 29, 1923. no. 2826.

Nature Study Rev.

Brotherhood, L. F.
The witch hazel. Nature Study Rev. 19: 381-
384. illus. D. 1923. no. 9.

New Jersey Agr.

Missley, C. H.
Insure your melon crop by spraying and dusting.
New Jersey Agr. v. 6, no.1. p. 2-3. illus. Ja. 1924.

Peole, R. F.
Tomato crop losses may be reduced. Streak and
filiform diseases checked by destroying weeds and
insects. New Jersey Agr. v. 6, no. 1. p. 5,8.
illus. Ja. 1924.

Notizbl. Bot. Gart. Berl.

Fries, F.G.E.
Beiträge zur kenntnis der flora des Kenia, Mt.
Aberdare und Mt. Elgon. III. Notizbl. Bot. Gart.
Berlin. 8: 547-573. illus. S. 1923. no. 78.

Loesener, Theodor.
Ueber einige *Roscoea*-arten aus Yunnan. Notizbl.
Bot. Gart. Berlin. 8: 599-600. S. 1923. no. 78.

Mildbraed, Johannes.

Das regenwaldgebiet im aquatorialen Afrika.
Notizbl. Bot. Gart. Berlin. 8: 574-599. S. 1923.
no. 78.

Notul. System. Inst. Crypt. Hort. Bot. Petrop.

Bondartzev, A. S.
De fungo novo in ramis *Caraganae arborescentis*.
Notul. System. Inst. Crypt. Hort. Bot. Petrop. 1: 84-86.
Je. 1922.
Russeten. Latin diagnosis.
Phomopsis caraganae n.sp.

Notul. System. Inst. Crypt. Hort. Bot. Petrop. (cont.)

Bondartzev-Monteverde, V. N.

De fungo novo in ramulis vivis equiseti sylvatici,
Mycosphærella equiseticola V. Bond.-Mont. sp. nov.
Notul. System. Inst. Crypt. Hort. Bot. Petrop. 2: 18.
F. 1923.

Elenkin, A. A.

Calothrix ramenskii mihi nov. sp. Notul. System.
Inst. Crypt. Hort. Bot. Petrop. 1: 6-9. Ja. 1922.
Russian, Latin diagnosis.

Elenkin, A. A.

De Chroococcacearum classificatione notula. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 2: 49-62b. Ap.
1923.

Russian.

Elenkin, A. A.

De nova specie *Aulosirae* notula. Notul. System.
Inst. Crypt. Hort. Bot. Petrop. 1: 127-128. Ag. 1922.
A. planctonica.
Russian, Latin diagnosis.

Elenkin, A. A.

De specie nova *Oncobyrae* Ag. et loco hujus
generis inter Chroococcaceas. Notul. System. Inst. Crypt.
Hort. Bot. Petrop. 2: 1-14. Ja. 1923.
Russian, Latin diagnosis.
O. sarcinoides n. sp.

Elenkin, A. A.

Desmidiaceae rariores et novae in gub. Olonetzkiensi
inventae. Notul. System. Inst. Crypt. Hort. Bot. Petrop.
1: 153-160. O. 1922; 2: 29-32. F. 1923.
Russian, Latin diagnosis.

Elenkin, A. A.

De affinitate inter *Nostoc zetterstedtii* Aresch. et
Collena (?) *ramenskii* mihi nov. sp. Notul. System. Inst.
Crypt. Hort. Bot. Petrop. 1: 35-46. Mr. 1922.
Russian, Latin diagnosis.

Elenkin, A. A.

De lichene *Pseudoperitheca murmanica* mihi (nov. gen.
et sp.) et de alimenti organici miris in generibus *Saccomorpha*
Elenk. et *Pseudoperitheca* Elenk. Notul. System. Inst.
Crypt. Hort. Bot. Petrop. 1: 49-56. Ap. 1922.
Russian, Latin diagnosis.

Elenkin, A. A.

De *Leptogio issatschenkii* mihi et de sectione nova
hujus generis, *Pseudomallotium* mihi. Notul. System.
Inst. Crypt. Hort. Bot. Petrop. 1: 65-69. My. 1922.
Russian, Latin diagnosis.

Elenkin, A. A. & Danilov, A. N.

Isaria virescens Elenk. et Danil. nov. sp. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 1-6. Ja.
1922.
Russian, Latin diagnosis.

Elenkin, A. A.

Physcia grisea (Lam.) Elenk. nov. comb. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 17-32. F.
1922.
Russian, Latin diagnosis.

Karakulin, B. P.

De fungis novi generis *Exobasidiopsis* mihi notula.
Notul. System. Inst. Crypt. Hort. Bot. Petrop. 1: 81-
84. Ja. 1922.
E. viciae (Melanconiaceae)

Notul. System. Inst. Crypt. Hort. Bot. Petrop. (cont.)

Karakulin, B. P.

Sclerophoma phaseoli mihi sp. nov. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 190-192.
D. 1922.
Russian, Latin diagnosis.

Lebedjeva, L. A.

Ascochyta novae in Rossia inventae. Notul. System.
Inst. Crypt. Hort. Bot. Petrop. 1: 145-147. O. 1922.
Russian, Latin diagnosis.
A. libanotidis, *A. astragali*, *A. agrimoniae*, *A. rhamni*,
n.sp.

Lebedjeva, L. A.

Fungi imperfecti novi in Rossia inventi. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 134-135.
S. 1922.
Russian, Latin diagnosis.
Phoma sisymbri, *Diploëia lathyri*, *Stagonosporopsis*
coronillae n.sp.

Lebedjeva, L.A.

Fungi novi in Horto botanico Petropolitano annis 1921-22 collecti. Notul. System. Inst. Crypt. Hort. Bot. Petrop.
1: 62-63, 126, 156. 1922; 2: 19. F. 1923.
Sirodiplospora spiraeae, *Stagonosporopsis levistici*,
S. delphinii n.sp.
Phomopsis onocleae, *P. hakeae*, *P. hakeae*, *P. elenkinii*.

Lebedjeva, L. A.

Observationes mycophenologicae in horto et calidariis Horti botanici principalis Petropolitani I-XIV. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 61-62, 71-77,
124-126, 135-143, 147-156. 1922.
Russian.

Meyer, C. I.

Algae nonnullae novae baicalenses. Notul. System.
Inst. Crypt. Hort. Bot. Petrop. 1: 13-15. Ja. 1922.
Latin.
Dropanaldia baicalensis, *D. simplex*, *D. goroschankinii*,
D. arenaria, *Chaetomorpha baicalensis*.

Meyer, C. I.

Cladorhiza siwaschensis Const. Meyer sp. nova. Notul.
System. Inst. Crypt. Hort. Bot. Petrop. 1: 15. Ja. 1922.
In Latin.

Ohl, I. A.

De fungo novo in capsulis Polytrichi gracilis Dicks,
Notul. System. Inst. Crypt. Hort. Bot. Petrop. 1: 46-48.
Mr. 1922.
Russian, Latin diagnosis.
Stagonospora komarovii n.sp.

Ohl, I. A.

Phyllostica semeles Ohl n.sp. Notul. System. Inst.
Crypt. Hort. Bot. Petrop. 1: 60-61. Ap. 1922.
Parasitic on leaves of *Semele androgyna*.
Russian, Latin diagnosis.

Poljanskii, G. I.

De nova Euglenarum specie: Notul. System. Inst.
Crypt. Hort. Bot. Petrop. 1: 177-184. O. 1922.
Russian, Latin diagnosis.
E. elenkinii.

Roll, J. V.

Desmidiaceae novae in gub. Archangel-skensi et Olonetzskensi inventae. Notul. System. Inst. Crypt.
Hort. Bot. Petrop. 2: 36-46. illus. Mr. 1923.

Notul. System. Inst. Crypt. Hort. Bot. Petrop. (cont.)

Savicz, Lydiia.

De specie nova e Haplohymehio Doz. et Molk.

Notul. System. Inst. Crypt. Hort. Bot. Petrop. 1:
97-102. Jl. 1922.

H. flagelliforme.

Russian, Latin diagnosis.

Savicz, V. P.

De Peltigeraceis e Kamczatka notula. Notul.

System. Inst. Crypt. Hort. Bot. Petrop. 1: 161-176.
N. 1922.

Russian, resumé in Latin.

Savicz, V. P.

De Pertusaria nova in Siberia inventa. Notul.

System. Inst. Crypt. Hort. Bot. Petrop. 1: 94-96.
Je. 1922.

Russian, Latin diagnosis.

Savicz, V. P.

Variolaria kamczatica Savicz, sp.nov. Notul.

System. Inst. Crypt. Hort. Bot. Petrop. 1: 10-13.
Ja. 1922.

Russian, Latin diagnosis.

Schkorbatov, L. A.

De novo organismo: Chlamydosphaera Korschikowi

Schkorbatov, nov.gen. et spec. ad ordinem Volvocales
pertinente. Notul. System. Inst. Crypt. Hort. Bot.
Petrop. 2: 17-18. F. 1923.

Russian, Latin diagnosis.

Schkorbatov, L. A.

Novarum varietatum, quae ad fam. Saprolegniaceae

referuntur atque prope opp. Charkov Ukrainae inventae sunt,
descriptio. Notul. System. Inst. Crypt. Hort. Bot.
Petrop. 2: 34-36. Mr. 1923.

Latin.

Troitzkaja, O. V.

De nova Cryptomonadinearum specie. Notul. System.

Inst. Crypt. Hort. Bot. Petrop. 1: 113-114. Ag. 1922.

Russian, Latin diagnosis.

Cryptomonas rostrata n.sp.

Troitzkaja, O. V.

De novo genere chroococcacearum. Notul. System.

Inst. Crypt. Hort. Bot. Petrop. 1: 129-131. S. 1922.

Russian, Latin diagnosis.

Cocopedia limnetica.

Vanin, S. I.

Hymenomycetes novi et rari e prov. Tambov. Notul.

System. Inst. Crypt. Hort. Bot. Petrop. 2: 15-16. Ja.
1923.

Russian, Latin diagnosis.

Polyporus minutus n.sp.

Voronokhin, N. N.

Fungi nonnulli novi e Caucaso. Notul. System.

Inst. Crypt. Hort. Bot. Petrop. 1: 33-34. F. 1922; 2:
33-34. Mr. 1923.

Latin.

Elenkinella nov. gen., *E.mirabilis*; *Puccinia coronillae*,
Aecidium coronillae, *A. willemetiae*; *Phyllosticta ostryae*,
P. saxifragae-cordifoliae, *P. peucedani*, *P.gentinae*, *P.*
tussiliginis, n.sp.

Ochrana Rostlin.

Baudys, Eduard.

O vlivu uložení bramborů na jejich zdraví.
Ochrana Rostlin. 3: 45-48. D. 1923. no. 6.
Control of potato diseases.

Novák, Stanislav.

Nové názory o podstatě svinutky bramboru.
Ochrana Rostlin. 3: 54-55. D. 1923. no. 6.
Potato diseases.

Proc. Amer. Soc. Hort. Sci.

Angelo, E.

The recovery of grape vines when the young shoots
are killed by spring frosts. Proc. Amer. Soc. Hort.
Sci. 19: 29-32. 1923.

Beattie, J. H.

A summary of twenty years work with sweet potatoes.
Proc. Amer. Soc. Hort. Sci. 19: 96-97. 1923.

Beaumont, J. H. & Knight, L. I.

Apple pollen germination studies. Proc. Amer.
Soc. Hort. Sci. 19: 151-163. 1923.
Literature cited: p. 162-163.

Burroughs, A. M.

Changes in the respiration rate of ripening apples.
Proc. Amer. Soc. Hort. Sci. 19: 225-235. 1923.
Literature cited: p. 234-235.

Farley, A. J.

Experiments with sulfur spray mixtures. Proc.
Amer. Soc. Hort. Sci. 19: 220-224. 1923.

Gould, C. H.

Observations on some of the newer spraying materials.
Proc. Amer. Soc. Hort. Sci. 19: 35-37. 1923.

Hansen, N. E.

Spencer Ambrose Beach. Proc. Amer. Soc. Hort.
Sci. 19: 263. port. 1923.

Heinicke, A. J.

Catalase activity as an indicator of the nutritive
condition of fruit tree tissues. Proc. Amer. Soc. Hort.
Sci. 19: 209-214. 1923.
Literature cited: p. 214.

Howard, W. L.

John Charles Whitten. Proc. Amer. Soc. Hort. Sci.
19: 267. port. 1923.

Krantz, F. A.

The application of genetic principles to potato
breeding. Proc. Amer. Soc. Hort. Sci. 19: 124-
129. 1923.
References cited: p. 129.

Kraybill, H. R.

Effects of shading on some horticultural plants.
Proc. Amer. Soc. Hort. Sci. 19: 9-17. 1923.
Bibliography: p. 17.

MacDaniels, L. H.

Fruit bud formation in Rubus and Ribes. Proc.
Amer. Soc. Hort. Sci. 19: 194-200. 1923.

Marsh, E. S.

Preliminary studies on the sulphur content of the
tomato. Proc. Amer. Soc. Hort. Sci. 19: 83-84.
1923.

Proc. Amer. Soc. Hort. Sci. (cont.)

Nightingale, G. T.

Light in relation to the growth and chemical composition of some horticultural plants. Proc. Amer. Soc. Hort. Sci. 19: 18-29. 1923.

Radspinner, W. A.

Effects of certain physiological factors on blossom drop and yield of tomatoes. Proc. Amer. Soc. Hort. Sci. 19: 71-75. 1923.

Shoemaker, D. N.

Dr. William Warner Tracy. Proc. Amer. Soc. Hort. Sci. 19: 269. part. 1923.

Webber, H. J.

The relation of stocks to scions with special reference to citrus. Proc. Amer. Soc. Hort. Sci. 19: 129-139. 1923.

Proc. Assoc. Off. Seed Anal. No. Amer.

Dickson, J. G.

The influence of soil temperature and moisture on the germination of wheat treated with different seed treatments. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 68-72. Jl. 1923 (Rec'd Ja. 1924)

Henry, H. H.

The identification of the seed of alfalfa from Argentina. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 49-55. illus. Jl. 1923 (Rec'd Ja. 1924.)

Hite, B. C.

Effect of storage on the germination of bluegrass seed. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 97. Jl. 1923 (Rec'd Ja. 1924)

Munn, M. T.

The practical value of germination tests of certain seeds and some factors affecting the test. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 78-80. Jl. 1923. (Rec'd Ja. 1924)

Pieters, A. J.

Italian red clover seed. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 100-101. Jl. 1923. (Rec'd Ja. 1924)

Pieters, A. J.

A method to determine whether seed is that of the annual or of the biennial white sweet clover. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 102. Jl. 1923. (Rec'd Ja. 1924)

Sirrine, E. F. & Toole, E. H.

Seed-like stone-cell bodies in commercial seed. Proc. Off. Seed Analysts No. Amer. 14: 56. illus. Jl. 1923 (Rec'd Ja. 1924)

Toole, E. H. & Goss, W. L.

The analyst's interest in dormancy problems. Proc. Assoc. Off. Seed Analysts No. Amer. 14: 90. Jl. 1923. (Rec'd Ja. 1924)

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It highlights the need for a systematic approach to data collection and the importance of using reliable sources of information.

3. The third part of the document focuses on the analysis of the collected data. It discusses the various statistical and analytical tools that can be used to interpret the data and identify trends and patterns.

4. The fourth part of the document discusses the importance of communicating the results of the analysis to the relevant stakeholders. It emphasizes that clear and concise communication is essential for ensuring that the findings are understood and acted upon.

5. The fifth part of the document discusses the importance of monitoring and evaluating the performance of the organization. It highlights that this is a continuous process that requires regular review and adjustment of the organization's strategies and operations.

6. The sixth part of the document discusses the importance of maintaining a strong relationship with the external environment. It emphasizes that this is essential for ensuring the organization's long-term success and sustainability.

7. The seventh part of the document discusses the importance of maintaining a strong internal control system. It highlights that this is essential for ensuring the organization's financial stability and compliance with relevant laws and regulations.

8. The eighth part of the document discusses the importance of maintaining a strong human resource management system. It emphasizes that this is essential for ensuring the organization has the right people in the right positions, with the right skills and motivation.

9. The ninth part of the document discusses the importance of maintaining a strong information management system. It highlights that this is essential for ensuring the organization has access to the right information at the right time, in the right format.

10. The tenth part of the document discusses the importance of maintaining a strong risk management system. It emphasizes that this is essential for ensuring the organization is able to identify, assess, and mitigate the risks it faces.

Proc. Assoc. Off. Seed Analy. No. Amer. (cont.)

Toole, E. H.

A preliminary report on blue grass germination.

Proc. Assoc. Off. Seed Analysts No. Amer. 15: 119.
Jl. 1923. (Rec'd Ja. 1924)

Toole, E. H.

Progress report on the germination of dormant wheat.

Proc. Assoc. Off. Seed Analysts, No. Amer. 14: 80-83. Jl.
1923 (Rec'd Ja. 1924)

Whitcomb, W. O.

Germination of newly threshed grains. Proc. Assoc.

Off. Seed Analysts. No. Amer. 14: 84-88. illus. Jl.
1923 (Rec'd Ja. 1924)

Quart. Journ. For.

Dallimore, William.

The care of old trees. Quart. Journ. For. 18:
45-49. Ja. 1924. no.1.

Quart. Summary Roy. Bot. Soc. London.

North, J. L.

Loss of perfume in the scented musk. Quart.

Summary Roy. Bot. Soc. London. no. 19. p. 7,10.
Ja. 1924.

Rep. Agr. Dept. Dominica.

Withertip disease of limes. Rep. Agr. Dep. Dominica.
1922/23. p/ 10-16. 1923.

The raising of disease-resisting varieties of citrus
plants suitable for the production of citric acid.

Rep. Agr. Dep. Dominica. 1922/23. p. 18-19. 1923.

Rev. Agr. Santo Domingo.

Sauri, Felix.

El mosaico de la caña de azúcar. Rev. Agr.

Santo Domingo. 18: 101-104. D. 1923. no. 6.

Rev. Gén. Bot.

Carpentier, A.

Revue des travaux de paléontologie végétale publiés
dans le cours des années 1910-1919. 2^{me} partie: Mésozoïque.

(concl.) Rev. Gen. Bot. 35: 636-667. D. 1923. no. 420.

Choux, Pierre.

Revue des travaux de botanique tropicale et sub-
tropicale (1910-1919) Rev. Gen. Bot. 35: 620-635.

D. 1923. no. 420.

Douin, Ch.

Recherches sur le gamétophyte des marchantiées.

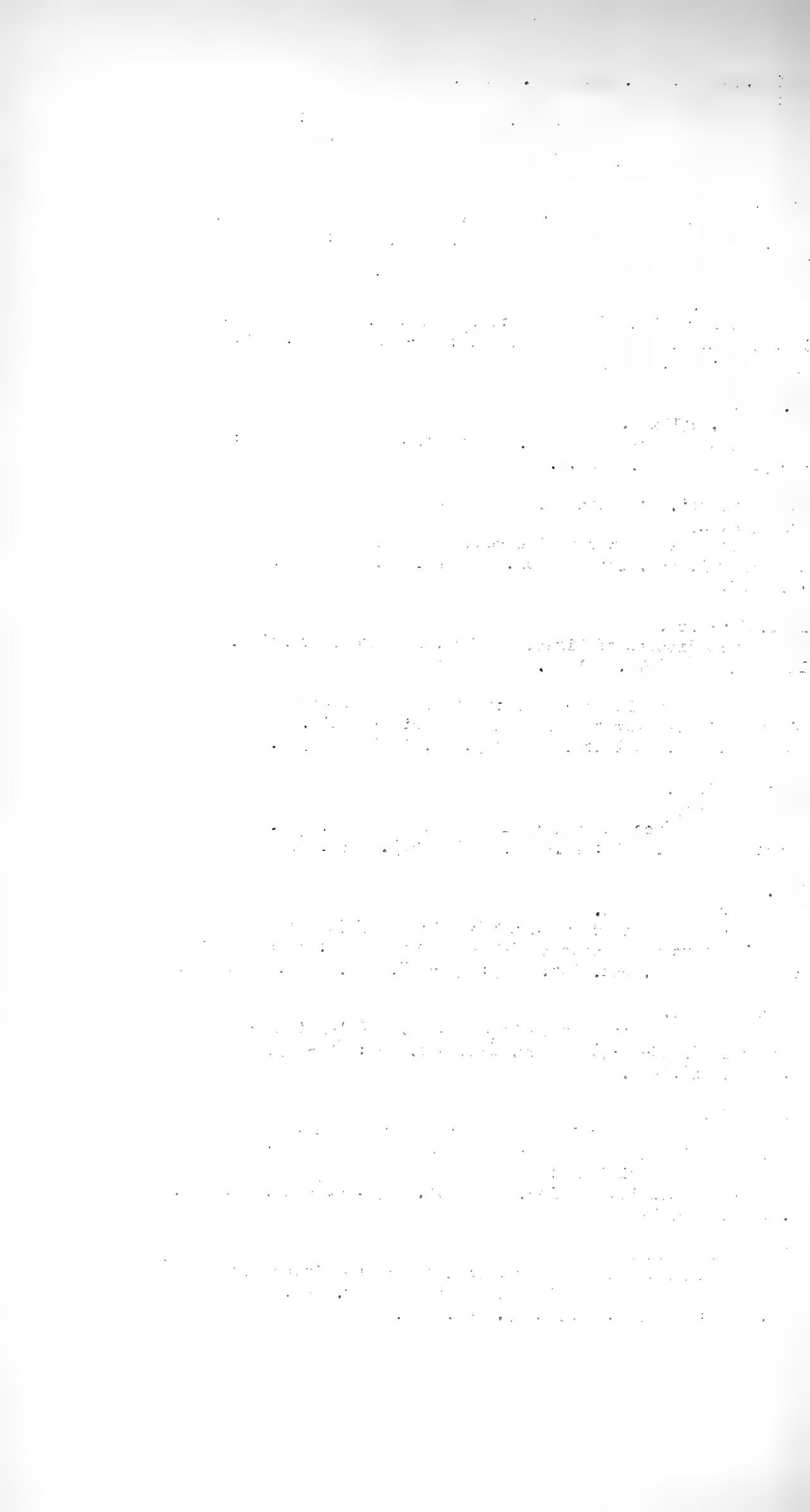
III. Le thalle stérile des marchantiées développement
basilaire des feuilles et autres organes latéraux chez les

muscinées. (concl.) Rev. Gen. Bot. 35: 602-619. illus.
D. 1923. no. 420.

Nicoloff, Théodor.

Contribution a la physiologie de la nutrition des
parasites végétaux supérieurs. (concl.) Rev. Gen.

Bot. 35: 593-601. D. 1923. no. 420.



Rev. Hort. Tunisie.

Sagnard, G.

Les mimosas sur la Côte d'Azur. (concl.) Rev.
Hort. Tunisie. 21: 207-209. D.15, 1923. no. 135.

Rev. Mus. Paulista.

Hoehne, F.C. & Pilger, R.

Novidades de la flora Mattogrossense e do Herbario
da Commissão Rondon. Rev. Mus. Paulista. 13: 1247-
1252. pl. 1-2. 1923.

Tastevin, Constantino.

Nomes de plantas e animaes em lingua Tupy. Rev.
Mus. Paulista. 13: 687-763. 1923.

Rhod. Agr. Journ.

Eyles, Frederick.

Bacterial infection of tobacco seed beds. Rhod.
Agr. Journ. 20: 693-694. D.1923. no. 6.

Science.

Pieters, A. J.

Some immigrant clovers. Science. 59: 39-40.
Ja.11, 1924. no.1515.

Rand, F.V. & Cash, L.C.

Further evidence of inséct dissemination of bacterial
wilt of corn. Science. 59: 67-69. Ja. 18, 1923.
no. 1516.

Tottingham, W. E.

Physiological stability in maize. Science. 59: 69-
70. Ja. 13, 1924. no.1516.

Skogs. Fören. Tidskr.

Lagerberg, Torsten.

Rötornas betydelse för granen och dess avkastning.
Skogs. Fören. Tidskr. 21: 313-345. illus. N.-D. 1923.
no. 11/12.

So.African Sugar Journ.

Mosaic disease in Louisiana. So. African Sugar Journ.
7: 925. N. 1923. no.11.

Abstract of report of special committee before Amer.
Sugar Cane League at its Field day.

Spec. Leaflet. Dept. Agr. & Techn. Instr. Ireland.

Leaf-roll and mosaic, two important diseases of the
potato. Spec. Leaflet. Dept. Agr. & Techn. Instr.
Ireland. 24. 4 p. plates. 1923.

Sugar Centr. & Plant. News.

McWhorter, F. P.

Aeginetia indica. Sugar Centr. & Plant. News.
4: 649-650. D. 1923. no.12.

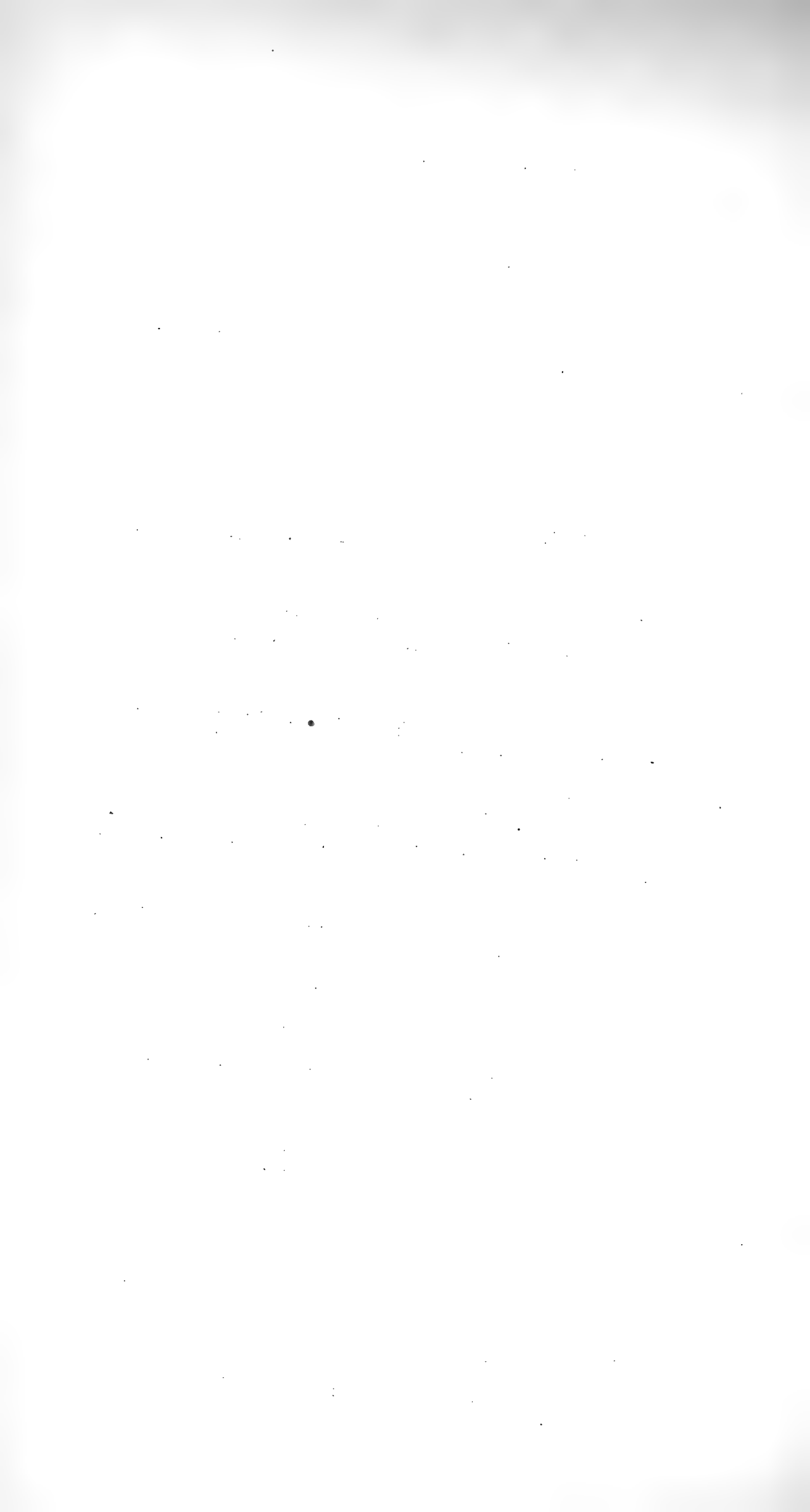
Svensk. Mosskult. Tidskr.

Lindfors, Thore.

Potatisens viktigaste sjukdomar och sätten för
deras bekämpande. Svensk. Mosskult. Tidskr. 38:
18-32. illus. Ja. 1924. no. 1.

Witte, Hernfrid.

En fysiologisk sjukdom hos lin på torvjord.
Svensk. Mosskult. Tidskr. 38: 4-18. illus. Ja.
1924. no. 1.



De Thee.

- Menzel, R.
In "thread blight" levende muggen. De Thee. 4:
86-87. plate. S. 1923. No. 3.

Torreya.

- Calvino, E. M. de.
The direct assimilation of free nitrogen by plants.
A review of recent work on the subject. Torreya. 23:
99-104. N.-D. 1923. no. 6.
"Bibliography": p. 104.

- Fisher, G. C.
A common name for *Phacelia purshii*. Torreya. 23:
106. N.-D. 1923. no. 6.
Miami Mist.

- Rogers, W. E.
Resistance of trees to ice storm injury. Torreya.
23: 95-99. illus. N.-D. 1923. no. 6.

- Schallert, P. O.
Notes on a new rose-flowered *Robinia* from South
Carolina. Torreya. 23: 104-105. N.-D. 1923.
no. 6.
Robinia ashei, sp. nov.

- Suksdorf, Wilhelm.
A new saxifrage from Oregon. Torreya. 23:
106-107. N.-D. 1923. no. 6.
Saxifrage gormani, sp. nov.

Trans. & Proc. Roy. Soc. Edinburgh.

- Graham, R. J. D. & Stewart, L. E.
Vegetative propagation of *Haemanthus hirsutus*,
Baker. Trans. & Proc. Bot. Soc. Edinburgh. 28:
183-184. 1923. no. 4.

- Johnston, H. H.
Additions to the flora of Orkney, as recorded in
Watson's "Topographical botany," second edition (1883)
Trans. & Proc. Bot. Soc. Edinburgh. 28: 174-183.
1923. no. 4.

- Reid, Oona.
The propagation of camphor by stem cuttings. Trans.
& Proc. Bot. Soc. Edinburgh. 28: 184-188. pl. ix-xi.
1923. no. 4.
References: p. 188.

- Seaton, I. W.
The seedling structure of *Salix pentandra*, Linn.
Trans. & Proc. Bot. Soc. Edinburgh. 28: 161-163.
pl. viii. 1923. no. 4.

- Smith, W. W.
Sir Isaac Bayley Balfour. Trans. & Proc. Bot.
Soc. Edinburgh. 28: 192-196. port. 1923. no. 4.

- Wilson, Malcolm.
Puccinia mirabilissima, Peck, A new British record.
Trans. & Proc. Bot. Soc. Edinburgh. 28: 164-167. illus.
1923. no. 4.

- Wilson, D. G.
Observations on the leaf of *Senecio gonocladus*.
Trans. & Proc. Bot. Soc. Edinburgh. 28: 167-169.
1923. no. 4.

Trop. Agr.

- Petch, Thomas.
Importation of tea seed from India. Trop. Agr.
61: 259-265. N. 1923. no.5.
On blister blight of tea.

U.S. Dept. Agr. Bull.

- Coad, B.R., Johnson, E. & McNeil, G.L.
Dusting cotton from airplanes. U.S. Dept. Agr.
Bull. 1204. 40 p. illus. Ja. 1924.

U.S. Dept. Agr. Farm. Bull.

- Brooks, Charles & Cooley, J.S. & Fisher, D.F.
Apple scald and its control. U.S. Dept. Agr.
Farm. Bull. 1380. 16 p. illus. O. 1923.

Vie Agr. et Rur.

- Rolet, Antonin.
Les procédés de forçage rapide des plantes a fleurs
Vie Agr. et Rur. 23: 447-450. D.29, 1923. no.52.

Werdenda.

- Suksdorf, W. N.
Washingtonische pflanzen III. In his Werdenda.
v.1, no.2. 14 p. D. 1923.

Zeitschr. Bot.

- Cremer, Hans.
Untersuchungen über die periodischen bewegungen der
laubblätter. I- Zeitschr. Bot. 15: 593-656. 1923.
Literaturangabe zum I. Teil: p. 646-647.

Exper. Stat. Publ.

- Weber, G. F.
Potato diseases and insects. Florida Agr. Exp.
Stat. Bull. 169. p.103-163. illus. D. 1923.

Peltier, G. L.

- A study of the environmental conditions influencing
the development of stem rust in the absence of an alternate
host. II. Infection studies with *Puccinia graminis tritici*
form III and form IX. Nebraska Agr. Exp. Stat. Res.
Bull. 25. 52 p. pl. 1-12. D. 1923.

Werner, H. O.

- Seed potato investigations. Nebraska Agr. Exp.
Stat. Res. Bull. 24. 58 p. illus. D. 1923.
Bibliography: p. 57-58.

Frank, Arthur.

- Dormant spraying. Washington Agr. Exp. Stat.
Bi-month. Bull. 11: 105-106. Ja. 1924. no.5.

New Books.

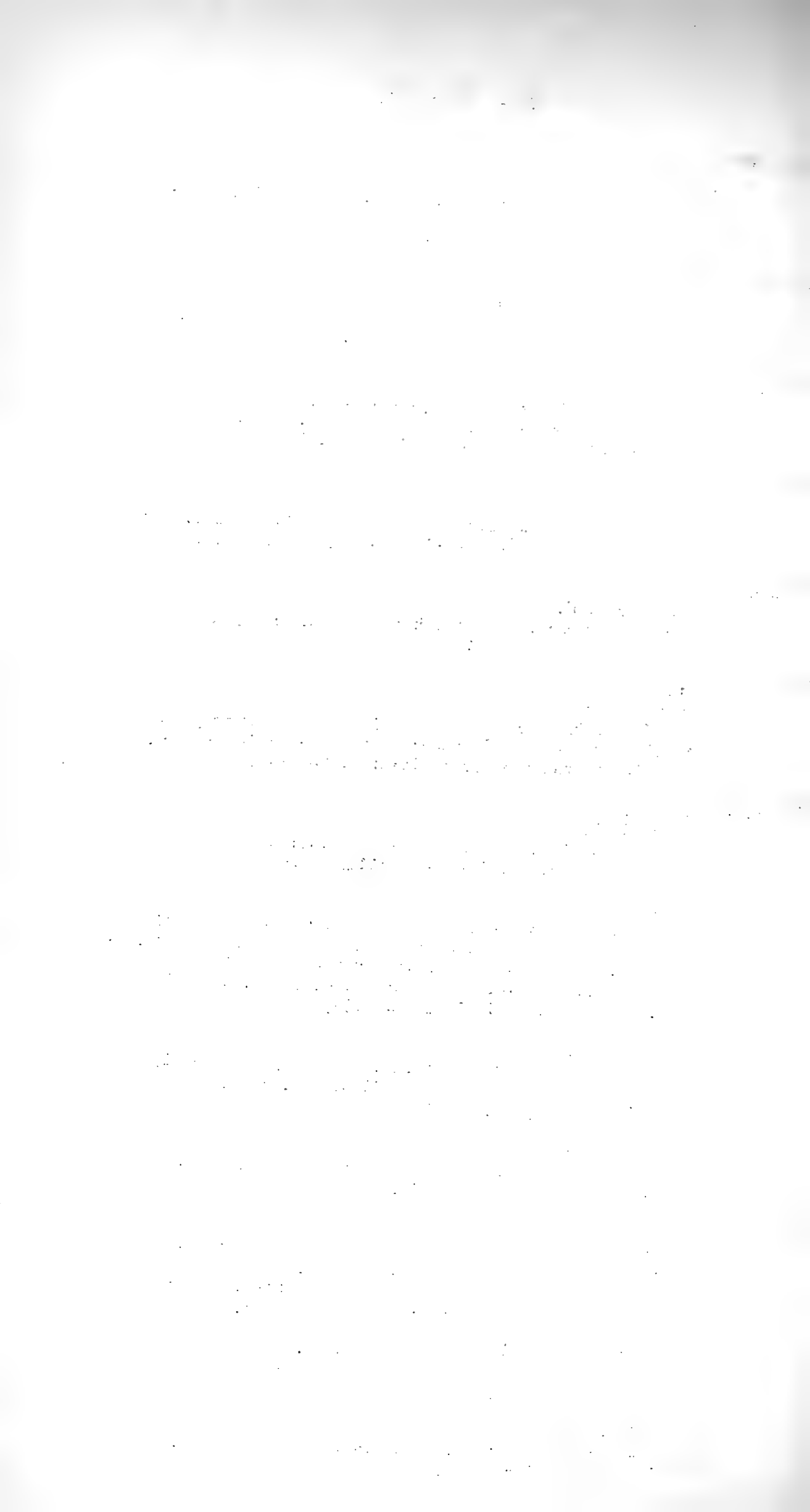
- Amsterdam. K. Akademie van wetenschappen - Internationale
circumpacifische onderzoek commissie.
A short history and the present position of botanical
investigation in the Dutch East Indies. 1923.

Bonnier, Gaston & Leclerc du Sablon, M.

- Cours de botanique fasc. VI, 1.ptie. (4.fasc.,
du tome 2d) Paris, [1923?]

Gentil, A.

- Dictionnaire étymologique de la flore française.
Paris, Lechevalier, 1923.



New Books. (cont.)

Oltmanns, Friedrich.

Morphologie und biologie der algen. 2. umgearb. aufl.
v.3. Jena, G.Fischer, 1923.

Schinz, Hans & Keller, Robert.

Flora der Schweiz...i. teil. Exkursionsflora. 4 stark
verm. aufl. Zürich, 1923.

Uphof, Johannes C. Th.

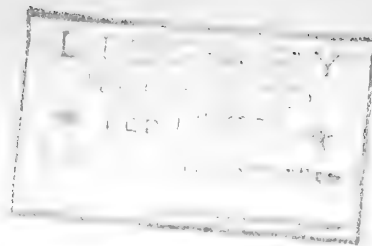
Vegetationsbilder aus Florida. In Karsten, G.
Vegetationsbilder 15. #., h. 3/4. pl. 13-24. 1923.

ERRATA

In List no. 126 under Bewley, W.F. Minute "organisms" &c. Nature.
112: 903 the third line of the note the word should be
causally not casually.

The first part of the report
 deals with the general
 situation of the
 country and the
 progress of the
 work during the
 year. It is
 followed by a
 detailed account
 of the various
 projects and
 the results
 achieved. The
 report concludes
 with a summary
 of the work
 done and a
 list of the
 members of the
 committee.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 128.
Indexed Jan. 28 - Feb. 9, 1924.



Acta Univ. Lund.

Hakansson, Artur.

Studien über die entwicklungsgeschichte der
umbelliferen. Acta Univ. Lund. II, v.18, no.7.
120 p. illus., plate. 1923.
Zitierte literatur: p. 113-118.

Murbeck, Svante.

Contributions a la connaissance de la flore du
Maroc. I- Acta Univ. Lund. II, v.18, no.3.
76 p. illus., pl. i-xii. 1923.
I. Pteridophytes - Légumineuses.

Agr. Gaz. N. S. W.

Birmingham, W.A. & Hamilton, I. G.

Diseases of the cotton plant. (Concl.) Agr.
Gaz. N.S.W. 34: 877-886. illus. D. 1923.
no.12.

Darnell-Smith, G. P.

"Bunchy top" in bananas. Agr. Gaz. N. S. W.
34: 846. D. 1923. no. 12.

Agr. Journ. B. C.

Edmundson, W. C.

Seed-potato improvement. Agr. Journ. B.C.
8: 272-273. F. 1924. no. 12.

Agron. Colon.

Rigotard, L.

Le palmier nain (*Chamaerops humilis* L) en son
emploi en papeterie. Agron. Colon. 9: 186.
D. 1923. no. 72.

Vidal, Louis. & Aribert,

Essais de traitement du bois de parasolier faits
à l'école française de papeterie. Agron. Colon.
9: 168-173. D. 1923. no. 72.

Alpe. Riv. For, Ital.

Petri, Lionello

Alcuni risultati di recenti ricerche sulla biologia
dell'oidio della querce. Alpe, Riv. For. Ital. II,
10: 257-262. D. 1923. no. 12.

Amer. Bee Journ.

Lovell, J. H.

The odor of flowers as a means of communication
among bees. Amer. Bee Journ. 64: 76-77. illus.
F. 1924. no. 2.

Amer. Bot.

Claassen, Edo.

Abundant stomata. Amer. Bot. 30: 14. Ja.
1924. no. 1.

Clute, W. N.

Flowering habit of *Tamarix*. Amer. Bot. 30:
34. Ja. 1924. no. 1.

Clute, W. N.

Gasterias. Amer. Bot. 30: 24-25. Ja. 1924.
no. 1.

Clute, W. N.

Plant names and their meanings. XVIII. Ericaceae.
Amer. Bot. 30: 5-14. Ja. 1924. no. 1.

Amer. Bot. (cont.)

- Clute, W. N.
Western plant names. Amer. Bot. 30: 32-34.
Ja. 1924. no. 1.
- Heath, F. M.
The Pasque flower. Amer. Bot. 30: 1-2. illus.
Ja. 1924. no. 1.
- Hoar, R. S.
The quest of the blue dandelion. Amer. Bot. 30:
15-18. Ja. 1924. no. 1.
- Lyons, A. B.
Conspicuous tropical plants. Amer. Bot. 30:
19-23. Ja. 1924. no. 1.
- McMurray, Nell.
Dianthus barbatus. Amer. Bot. 30: 29. Ja.
1924. no. 1.
London Pride.
- McMurray, Nell.
Green Rudbeckias. Amer. Bot. 30: 28. Ja.
1924. no. 1.
- Saunders, C. F.
Amphichromy again. Amer. Bot. 30: 34-35.
Ja. 1924. no. 1.
- Stevens, O. A.
Red-seeded dandelion. Amer. Bot. 30: 25-26.
Ja. 1924. no. 1.

Amer. Fruit Grow. Mag.

- Heppner, M. J.
Frost and the fruit grower. Amer. Fruit Grow.
Mag. 44: 5, 42. illus. Ja. 1924. no. 1.
- Higgins, B. B.
Winter injury to pecans. Amer. Fruit Grow.
Mag. 44: 13. Ja. 1924. no. 1.

Amer. Journ. Bot.

- Eyster, W. H.
A primitive sporophyte in maize. Amer. Journ.
Bot. 11: 7-14. illus. Ja. 1924. no. 1.
Literature cited: p. 14.
- Gustafson, F. G.
Hydrogen-ion concentration gradient in plants.
Amer. Journ. Bot. 11: 1-6. Ja. 1924. no. 1.
- Leonian, L. H.
A study of factors promoting pycnidium-formation
in some Sphaeropsidales. Amer. Journ. Bot. 11:
19-50. Ja. 1924. no. 1.
Literature cited: p. 49-50.
- Reed, H. S. & Haas, A.R.C.
Some effects of certain calcium salts upon the
growth and absorption of citrus seedlings. Amer.
Journ. Bot. 11: 15-18. Ja. 1924. no. 1.
Literature cited: p. 18.
- Taylor, W. R.
Cytological studies on Gasteria. I.- Amer.
Journ. Bot. 11: 51-59. illus. Ja. 1924. no. 1.
Bibliography: p. 59.
I. Chromosome shape and individuality.

Amer. Journ. Sci.

Berry, E. W.

A fossil flower from the miocene of Trinidad.

Amer. Journ. Sci. 7: 103-108. illus. F. 1924.
no. 38.

Lecythidoanthus kugleri, gen. et sp. nov.

Holm, Theodor.

Gratiola L. and *Sophranthe Benth.* A morphological study. Amer. Journ. Sci. 7: 132-140. illus.
F. 1924. no. 38.

Amer. Fern Journ.

Benedict, R. C.

Ruffling as a distinct type of leaf variation.

Amer. Fern Journ. 13: 128-131. pl. 4. O.-D. 1923.
no. 4.

Benedict, R. C.

Variations in the dagger fern. Amer. Fern

Journ. 13: 124-126. O.-D. 1923. no. 4.

Blake, S. F.

Many-spiked lycopods. Amer. Fern Journ. 13:

126-128. O.-D. 1923. no. 4.

Burnham, S. H.

Supplementary list of the ferns of the Lake George
flora, New York. Amer. Fern Journ. 13: 109-113.
O.-D. 1923. no. 4.

Weatherby, C. A.

An interesting relic and its owner. Amer. Fern

Journ. 13: 114-118. O.-D. 1923. no. 4.

Wherry, Edgar T.

Ferns of eastern West Virginia. I- Amer. Fern

Journ. 13: 104-109. O.-D. 1923. no. 4.

Ann. Agr. Suisse.

Faes, Henry & Staehelin, M.

Troisième contribution à l'étude du coître de la
vigne (*Coniothyrium diplodiella*) ou maladie de la
grêle. Ann. Agr. Suisse. 24: 339-348. 1923
no. 3.

Ber. Deut. Bot. Ges.

Gaidukov, N.

Zur frage nach der komplementären chromatischen
adaptation. Ber. Deut. Bot. Ges. 41: 356-361. D.
1923. no. 9.

Stark, Peter.

Zur entwicklungsgeschichte der badischen boden-
seemoore. I-II. Ber. Deut. Bot. Ges. 41: 361-
373. D. 1923. no. 9.

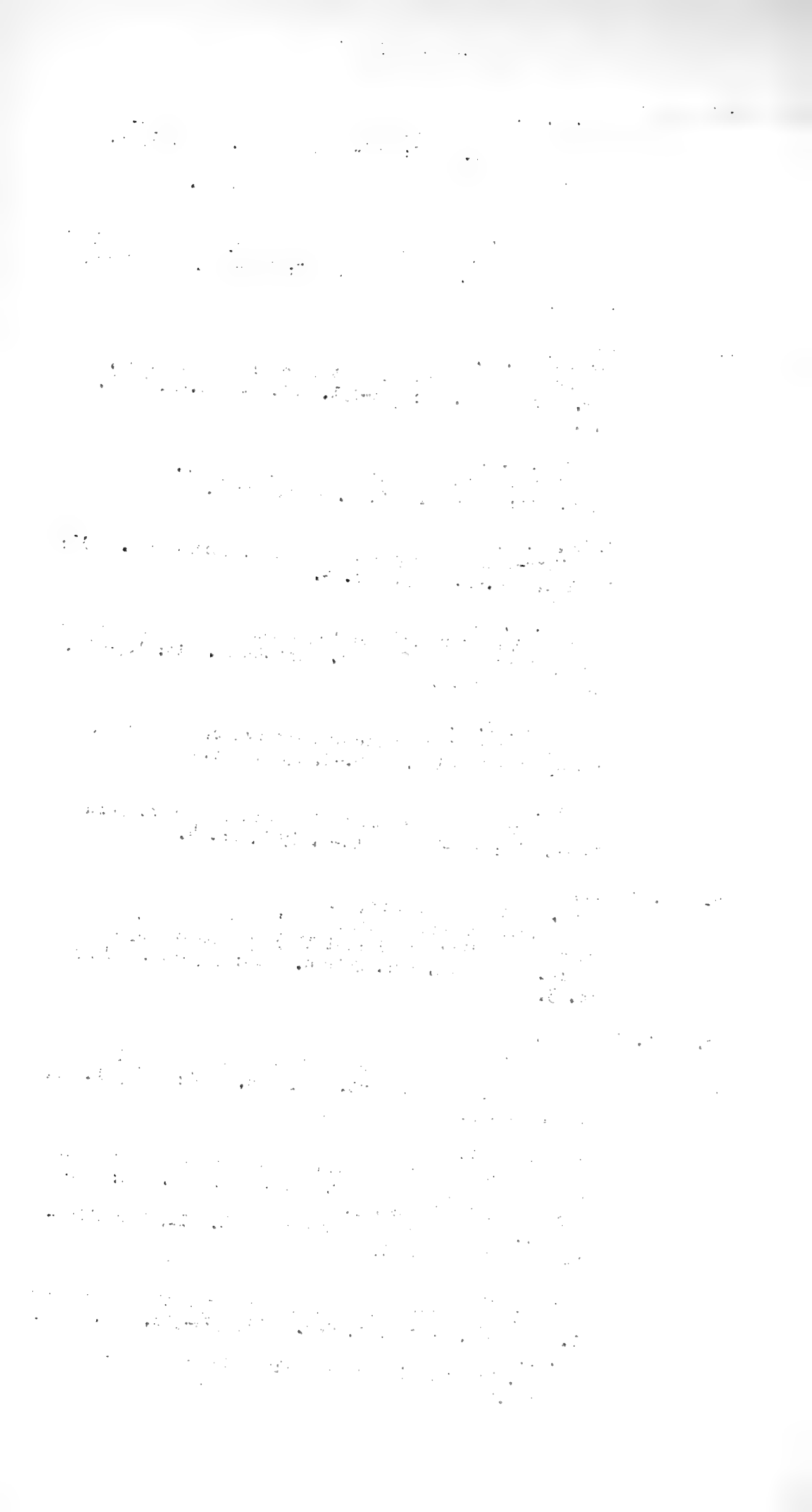
I. Der edaphische facieswechsel. II. Der klima-
tische facieswechsel.

Weisse, Arthur.

Blattstellungsstudien an *Cercidophyllum japonicum*

I. Ber. Deut. Bot. Ges. 41: 374-378. D. 1923.
no. 9.

I. Die normale blattstellung der vegetativen
sprosse.



Biochem. Zeitschr.

Klein, Gustav & Pirschle, Karl.

Nachweis und verbreitung der phytosterine im milchsaft. Biochem. Zeitschr. 143: 457-472. D. 1923. no. 5/6.

Bot. Arch.

Fuchs, A. & Ziegenspeck, H.

Aus der monographie des Orchis traunsteineri Saut. III. Entwicklungsgeschichte einiger deutscher orchideen. Bot. Arch. 5: 120-132. illus. Ja. 1924. no. 1/2.

Hesse, Otto.

Untersuchungen über die einwirkung chemischer stoffe auf die keimung lichtempfindlicher samen. Bot. Arch. 5: 133-170. Ja. 1924. no. 1/2. Schriftenverzeichnis: p. 170.

Huber, J. A.

Zur morphologie von Mesembrianthemum. Bot. Arch. 5: 7-25. illus. Ja. 1924. no. 1/2. Literatur-verweise: p. 25.

Lindemann, Eduard von.

Der bau der hülle bei Heterocapsa und Kryptoperidinium foliaceum (Stein) n. nom. (Zugleich eine vorläufige mitteilung.) Bot. Arch. 5: 114-120. illus. Ja. 1924. no. 1/2.

Meyer, F. J.

Arthur Meyer. Bot. Arch. 5: 1-5. Ja. 1924. no. 1/2.

Mez, Carl.

Bemerkungen zur phylogenie der algen und pilze. Bot. Arch. 5: 109-113. Ja. 1924. no. 1/2. Literatur-verweise: p. 113.

Moenikes, Adalbert.

Zur frage der harzbildung bei den umbelliferen-, compositen - und araliaceen wurzeln. Bot. Arch. 5: 91-109. illus. Ja. 1924. no. 1/2. Literatur-nachweise: p. 109.

Pfeiffer, Hans.

Kritische untersuchungen über die entstehung der zuwachsringe und der xylemzerklüftungen bei Erycibe Roxb. Bot. Arch. 5: 171-176. Ja. 1924. no. 1/2. Benützte literatur: p. 176.

Pfeiffer, Hans.

Wilhelm Olbers Focke. Bot. Arch. 5: 5-7. Ja. 1924. no. 1/2.

Schaede, Reinhold.

Umkehr-versuche mit cacteen. Bot. Arch. 5: 70-74. illus. Ja. 1924. no. 1/2. Literaturnachweis: p. 74.

Wassermann, Josef.

Beiträge zur kenntnis der morphologie der spaltöffnungen. Bot. Arch. 5: 26-29. illus. Ja. 1924. no. 1/2. Literatur-verweise und anmerkungen: p. 68-69.

Zinke, Willy.

Ueber das assimilationsgewebe der monokotylen und seine verwendung in der frage ihres systematischen anschlusses. Bot. Arch. 5: 74-90. Ja. 1924. no. 1/2. Literaturverzeichnis: p. 89-91.

The first part of the document discusses the general principles of the proposed system, which is designed to be both efficient and economical. It is intended to provide a comprehensive framework for the management of the organization's resources.

The second part of the document details the specific procedures and protocols that will be implemented. These are designed to ensure that the system is applied consistently and effectively across all departments.

The third part of the document outlines the expected benefits and outcomes of the system. It is anticipated that the implementation of this system will lead to significant improvements in productivity and cost-effectiveness.

The fourth part of the document provides a summary of the key points discussed and offers recommendations for the next steps in the implementation process. It is hoped that these recommendations will be helpful in ensuring a smooth and successful transition to the new system.

The fifth part of the document contains a list of references and sources used in the preparation of this document. These references provide additional information and support for the claims made in the document.

The sixth part of the document is a concluding statement that reiterates the importance of the proposed system and expresses confidence in its ability to meet the organization's needs.

The seventh part of the document is a list of appendices that provide further details and data related to the system. These appendices are intended to be used as a reference by those involved in the implementation process.

The eighth part of the document is a list of footnotes that provide additional information and clarification on certain points raised in the document.

The ninth part of the document is a list of index entries that facilitate the location of specific information within the document.

The tenth part of the document is a list of page numbers that correspond to the sections of the document.

Bryologist.

Evans, A. W.
Notes on North American Hepaticae. X.
Bryologist. 26: 55-67. N. 1923. no. 6.

Holzinger, J. M. & Bartram, E.B.
The genus *Crossidium* in North America. Bryologist. 26: 67-72. pl. v-vi. N. 1923. no. 6.

Jennings, O. E.
Elias Judah Durand. Bryologist. 26: 67. N. 1923. no. 6.

Bull. Agence Gen. Colonies France.

Heim, Frédéric & Schell, E.
Ecorces tannantes de la mangrove de Madagascar.
Bull. Agence Gen. Colonies France. 16: 712-726.
Je.-Jl. 1923. no. 186/187.

Heim, Frédéric & Audubert, René.
Etudes physico-chimiques sur les latex caoutchoucifères. Bull. Agence Gen. Colonies France. 16: 453-458, 693-712. Mr., Je.-Jl. 1923. no. 183, 186/187.

Heim, Frédéric, Cercelet, M., & Maheu, J.
Matières tannantes d'Indochine. Bull. Agence Gen. Colonies France. 15: 969-981, O. 1922. 16: 571-584. Ap.-My. 1923. no. 178, 184/185.

Heim, Frédéric, Maheu, J., Cercelet, M., Dagand, G. S. et Heim de Balsac, R.
Valeur papetière de bois de la Cote d'Ivoire.
Bull. Agence Gen. Colonies France. 16: 949-969.
O. 1923. no. 190.
Bibliographie: p. 968-969.

Heim, Frédéric, Maheu, J., Dagand, G. S. et Heim de Balsac, R.
Valeur papetière de deux cypéracées de Madagascar. "Herana" - *Cyperus latifolius* Poir. "Zozora" - *Cyperus aequalis* Vahl. Bull. Agence Gen. Colonies France. 15: 1205-1220. illus. N. 1922; 16: 217-231. illus. F. 1923. no. 179, 182.

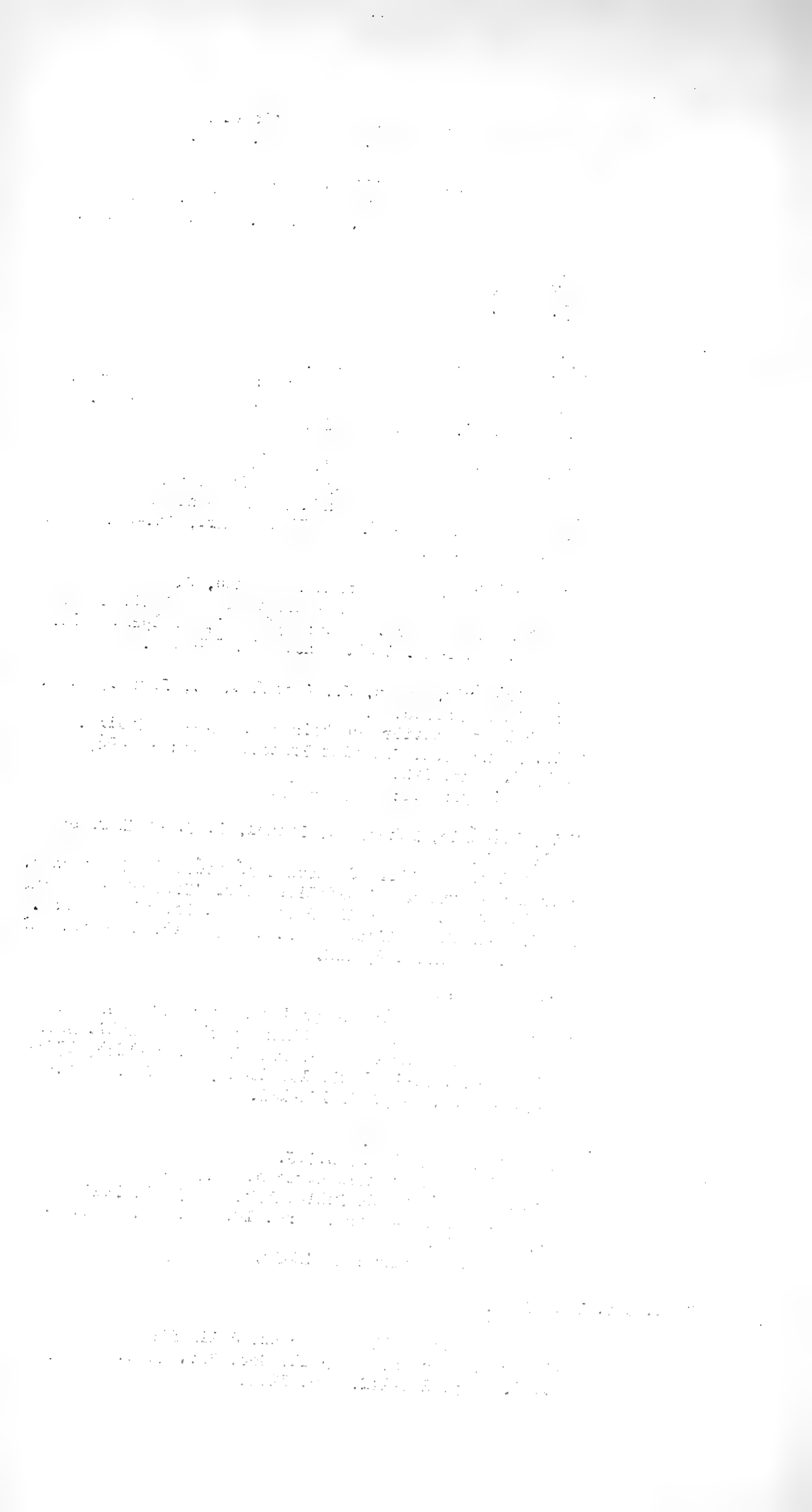
Heim, Frédéric.
Valeur papetière de quelques bois d'Indochine. (Fiches technologiques préliminaires) Bull. Agence Gen. Colonies France. 15: 808-813, 1227-1233, 1375-1379, Ag.-S., N.-D. 1922; 16: 10-15, 231-236. Ja.-F. 1923, no. 176/177, 179-181.

Bull. Deli Proefst. Medan, Sumatra.

Palm, B. T. & Jochems, S.C.J.
Andreaea deliensis n.gen n. sp., de groote stapelschimmel van de Deli-tabak. Bull. Deli Proefst. Medan, Sumatra. no. 19. 21 p. pl. i-iii. 1923.
English summary: p. 18-20.

Bull. Soc. Bot. Ital.

Chiarugi, A.
Contributo alla conoscenza della flora del littorale Toscano. Bull. Soc. Bot. Ital. 1923. no. 7. p. 106-112. O. 1923.



Bull. Soc. Bot. Ital. (cont.)

Chiovenda, Emilio.

Note sulla flora aegyptiaco-arabica di Pietro Forskal, pubblicata nel 1775. Bull. Soc. Bot. Ital. 1923, no. 7. p. 112-117. O. 1923.

Bull. Soc. Etudes Sci. Angers.

Bouvet, Georges.

Florule des Rubus de l'Anjou. no. 3. Bull. Soc. Etudes Sci. Angers. 52: 53-86. 1923.

Bull. Torr. Club.

Gaiser, L.O.

Intracellular relations of aggregate crystals in the spadix of Anthurium Bull. Torr. Club. 50: 389-398. pl. 20. D. 1923. no. 12.
Bibliography: p. 297-298.

Smith, C. P.

Studies in the genus Lupinus IX. Lupinus bicolor. Bull. Torr. Club. 59: 373-387. illus. D. 1923. (Rec'd Jan.) no. 12.

Centralbl. Bakt. Abt. II.

Buchheim, Alexander.

Beiträge zur biologie der uredineen. Centralbl. Bakt. Abt. II. 60: 528-536. Ja. 1924. no. 22/24.
Literatur: p. 536.
1. Uromyces primulae. 2. U. pisi.

Osterwalder, Adolf.

Neue aus obst- und traubensäften gewonnene Saccharomyces - arten. Centralbl. Bakt. Abt. II. 60: 481-528. pl. i-ii. Ja. 1924. no. 22/24.

Compt. Rend. Acad. Agr. France.

Ducomet, Vital & Foëx, E.

Sur la dégénérescence de la pomme de terre. Compt. Rend. Acad. Agr. France. 10: 40-42. Ja. 9, 1924. no. 1.

Schribaux, Emile.

Comment lutter contre la dégénérescence des pommes de terre. Compt. Rend. Acad. Agr. France. 10: 37-39. Ja. 9, 1924. no. 1.

Compt. Rend. Acad. Sci. Paris.

Chemin, F.

Sur la germination des graines de Lathraea clandestina. Compt. Rend. Acad. Sci. Paris. 178: 230-232. Ja. 7, 1924. no. 2.

Costantin, Julien.

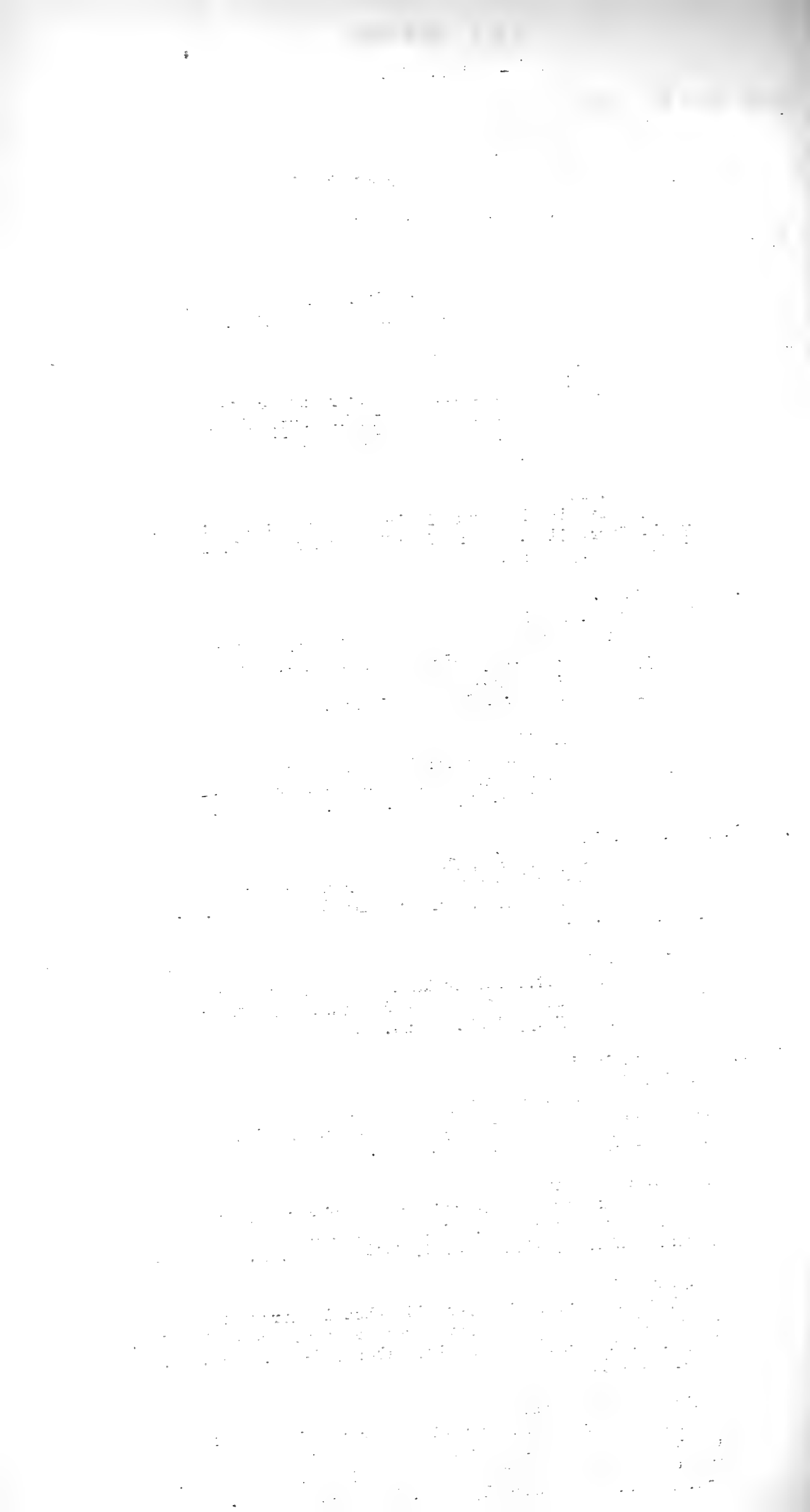
Remarques sur les relations des arbres avec les champignons souterrains. Compt. Rend. Acad. Sci. Paris. 178: 158-161. Ja. 7, 1924. no. 2.

Dangeard, P. A.

Sur la reproduction sexuelle chez le Marchantia polymorpha dans ses rapports avec la structure cellulaire. Compt. Rend. Acad. Sci. Paris. 178: 267-271. Ja. 14, 1924. no. 3.

Golinski, Stanislas.

Recherches sur les variations du chimisme chez les tomates greffées sur les pommes de terre et sur lyciet (Lycium barbarum L.) Compt. Rend. Acad. Sci. Paris. 178: 223-225. Ja. 7, 1924. no. 2.



Compt. Rend. Acad. Sci. Paris (cont.)

Maige, Albert.

Excitabilité amylogène et évolution des plastes dans l'embryon du haricot. Compt. Rend. Acad. Sci. Paris. 170: 225-227. Ja. 7, 1924. no. 2.

Molliard, Marin.

Manière dont se comporte le Sterigmatocystis nigra vis-à-vis de diverses substances sucrées dans des milieux faiblement minéralisés. Compt. Rend. Acad. Sci. Paris. 173: 161-163. Ja. 7, 1924. no. 2.

Nicolas, Gustave.

Formations mycorhiziques dans une légumineuse à chaille (*Lotus vulgaris* Micheli). Compt. Rend. Acad. Sci. Paris. 173: 225-230. Ja. 7, 1924. no. 2.

Compt. Rend. Soc. Biol. Paris.

Molliard, Marin.

La respiration du *Sterigmatocystis nigra* dans un milieu de culture faiblement minéralisé. Compt. Rend. Soc. Biol. Paris. 90: 21-23. Ja. 13, 1924. no. 1.

Rafaillesco,

Action de l'eau iodée sur la germination. Compt. Rend. Soc. Biol. Paris. 90: 2-23. Ja. 13, 1924. no. 1.

Country Life. London.

Cox, E. E. M.

Looking back. II. The Shimili Valley. Country Life. 55: 102-104, 140-142. illus. Ja. 19, 26, 1924. no. 1411, 1-12.

Empire Cotton Grow. Rev.

Burd, L. E.

William Robson: Curator of the Botanic station, Montserrat, 1905-1925. An appreciation and summary of his work on cotton. Empire Cotton Grow. Rev. v. 1, no. 1. p. 10-14. illus. Ja. 1924.

Ernähr. Pflanz.

Brelmer, V. von.

Der einfluss der Kalidüngung auf die Blattrollkrankheit der Kartoffel. Ernähr. Pflanz. 20: 12. Ja. 15, 1924. no. 2.

Faserforsch.

Jobler, Friedrich.

Brazilien's Faserspinnen. Faserforsch. 5: 265-276. D. 1925. no. 4.

Aus der Botanischen Abteilung des Forschungsinstituts Sorau.

Florida Grow.

Springer, J. E.

Insects, pests and diseases in a nursery and their control. Florida Grow. v. 29, no. 1. p. 7, 20-21. illus. Ja. 26, 1924.

Flor. Exch.

Gypsum lauded as plant growths stimulator. Flor. Exch. 57: 2-7. Ja. 26, 1924. no. 4.

Flow. Grow.

Blanding, H. W.
New York State's largest tree. Flow. Grow.
11: 42-43. illus. F. 1924. no.2.
American elm on George Knapp farm south of the
village of Silver Creek, on southern shore of Lake
Erie, in New York state.

Garden.

Irving, Walter.
The meadow rues. Garden. 88: 32-33. illus.
Ja.19, 1924. no. 2722.

Osborn, Arthur.
Low-growing shrubs. Excluding conifers. Garden.
88: 34-35. illus. Ja.19, 1924. no. 2722.

Gard. Chron.

Heal, John.
Greenhouse climbers. Gard. Chron. III, 75: 33.
Ja.19, 1924. no.1934.

Veitch, H. M.
Horticultural legislation in 1923. Gard. Chron.
III, 75: 36. Ja.19, 1924. no.1934.

Gartenw.

Löbner, Max.
Beeinflussung des wuchses und der blühwilligkeit
durch die kultur bei kakteen. Gartenw. 28: 7.
illus. Ja.4, 1924. no.1.

Hoosier Hort.

Baker, C. E.
The use of oiled wraps in the prevention of storage
troubles. Hoosier Hort. 6: 19-24. F. 1924. no.2.

Gregory, C.T.
Disease resistant cabbage. Hoosier Hort. 6:
24-26. F. 1924. no.1.

Indian For. Rec.

Simonsen, J.L.
The constituents of some Indian essential oils
Pt.XII, The essential oil from the oleo-resin of Pinus
merkusii. Indian. For. Rec. v.10, pt. 4, 7 p.
1923.

Intern. Sugar Journ.

Barber, C.A.
Researches on the seroh disease in Java.
Intern. Sugar Journ. 26: 18-21. Ja.1924.
no. 301.

Istria Agr.

Callegari, M.
Le piante medicinali spontanee e coltivate,
Istria Agr. 4: 11-14. Ja. 15, 1924. no.1.

Journ. Agr. Prat.

Mottet, Seraphim.
Les graminées des prairies en terrains humides.
(cont.) Journ. Agr. Prat. 88 (n.s.v.1): 53-54.
Ja.19, 1924. no.3.

Journ. Agr. Res.

Breazeale, J. F.

The absorption of carbon by the roots of plants.
Journ. Agr. Res. 26: 303-311. N.17, 1923.
(Rec'd F.1924) no.7.

Gerry, Eloise.

Five molds and their penetration into wood.
Journ. Agr. Res. 26: 219-230. pl. 1-4. N.3,
1923. (Rec'd Ja.19,1924) no.5.
Literature cited: p. 228-229.

Harter, L.L. & Weimer, J.L.

Sompe physiological variations in strains of
Rhizopus nigricans. Journ. Agr. Res. 26: 363-
371. N.24, 1923 (Rec'd F.2,1924) no.8.
Literature cited: p.371.

Lutman, E.F.

Further observations on the osmotic pressure
of the juices of the potato plant. Journ. Agr.
Res. 26: 243-256. N.10, 1923 (Rec'd Ja.15, 1924.)
no.6.

McKinney, H. H.

Influence of soil temperature and moisture on
infection of wheat seedlings by *Helminthosporium*
sativum. Journ. Agr. Res. 26: 195-218. pl.1-
4 (part col.) N.3, 1923 (Rec'd Ja.19, 1924)
no.5.
Literature cited: p. 217.

Menaul, Paul.

A chemical analysis of *Jatropha stimulosa*.
Journ. Agr. Res. 26: 259-260. N.10, 1923 (Rec'd
Ja.15, 1924) no.6.

Menaul, Paul.

A method for the quantitative estimation of
tannin in plant tissue. Journ. Agr. Res. 26:
257-258. N.10, 1923 (Rec'd Ja.15, 1924) no.6.

Shamel, A.D., Pomeroy, C.S. & Caryl, R.E.

Bud selection as related to quantity production
in the Washington navel orange. Journ. Agr. Res.
26: 319-322. pl. 1-2. N.17, 1923 (Rec'd F.1924)
no.7.

Webb, R.W., Leighty, C.E., Dungan, G.H., & Kendrick, J.B.

Varietal resistance in winter wheat to the rosette
disease. Journ. Agr. Res. 26: 261-270. N.10,
1923 (Rec'd Ja. 15, 1924) no.6.

Weimer, J. L.

Two diseases of udo (*Aralia cordata* Thunb.)
Journ. Agr. Res. 26: 271-278. pl. 1-4. N.10,
1923 (Rec'd Ja.15, 1924) no.6.
Literature cited: p. 278.

Journ. & Proc. Asiatic Soc. Bengal.

Brühl, Paul.

On a new species of *Cylindrospermum* from Bengal -
Cylindrospermum doryphorum, Brühl et Biswas.
Journ. & Proc. Asiatic Soc. Bengal. 18: 577-580.
illus. N. 1923. no.10.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice to ensure transparency and accountability.

2. The second section details the various methods used to collect and analyze data. It highlights the use of statistical software to identify trends and anomalies in the data, which helps in making informed decisions.

3. The third part of the document focuses on the implementation of internal controls. It describes how these controls are designed to prevent fraud and errors, ensuring that the organization's assets are protected and its operations run smoothly.

4. The fourth section addresses the role of technology in modern accounting. It discusses how cloud-based systems and automation tools have revolutionized the way financial data is processed and reported, leading to greater efficiency and accuracy.

5. The final part of the document concludes by summarizing the key findings and recommendations. It stresses the need for continuous improvement in accounting practices and the importance of staying updated with the latest industry standards and regulations.

Journ. & Proc. Asiatic Soc. Bengal. (cont.)

Cleghorn, M. L.

Observations on the bat-flowers of the Mohwa
(*Bassia latifolia*) Journ. & Proc. Asiatic Soc.
Bengal. 18: 571-576. pl. vii-viii. N. 1923.
no. 10.

Dudgeon, Winfield,

The botanical opportunity in India. Journ. &
Proc. Asiatic Soc. Bengal. 18: 95-115 (I.S.C.)
Je. 1923. no. 6.

Journ. Dept. Agr. Victoria.

Castella, Francois de. & Brittlebank, C. C.

Cidium of the vine. *Uncinula spiralis* (Berkeley
& Coker.) (cont.) Journ. Dept. Agr. Victoria. 21:
738-745. D. 1923. no. 12.

Davey, H. W.

Weeds and their eradication. (cont.) Journ.
Dept. Agr. Victoria. 21: 762-764. illus. D. 1923.
no. 12.

Journ. Hered.

Robinson, T. R.

A new method of grafting. Modification of the
Morris proximal slot-graft successful with plants
not heretofore grafted - Method of value to plant
breeders. Journ. Hered. 14: 399-404. plates.
D. 1923. no. 9.

Journ. N. Y. Bot. Gard.

Britton, N. L.

Plants of the Galapagos Islands. Journ.
N. Y. Bot. Gard. 25: 10-111. Ja. 1924. no. 289.

Hollick, Arthur.

The ancestral history of some existing plants.
Journ. N. Y. Bot. Gard. 25: 14-15. Ja. 1924. no. 289.

Murrill, W. A.

Cocoa and chocolate. Journ. N.Y. Bot. Gard.
25: 11-14. Ja. 1924.

Stout, A. B.

The flower mechanism of avocados with reference
to pollination and the production of fruit. Journ.
N.Y. Bot. Gard. 25: 1-7. illus. Ja. 1924. no. 289.
Brief form of Article pub. in Ann. Rep. California
Avocado Assoc. 1922/23. p. 29-45 (A study in cross-
pollination of avocados in southern California.)

Journ. Pomol. & Hort. Sci.

Grubb, N. H.

Tests of fungicides on apple trees. II. An
analytical study of their effects on the trees.
Journ. Pomol. & Hort. Sci. 3: 157-173. Ja. 1924.
no. 4.

Hooper, C. H.

Notes on the pollination of cherries applied to
commercial cherry growing. Journ. Pomol. & Hort.
Sci. 3: 185-190. Ja. 1924. no. 4.

Journ. Wash. Acad. Sci.

Maxon, W. R.

Two new species of *Jamesonia*. Journ. Wash. Acad. Sci. 14: 72-74. F.4, 1924. no. 3.
Jamesonia brunnea, J. ceracea, sp. nov.

Landw. Jahrb.

Bremer, Hans.

Untersuchungen über biologie und bekämpfung des erregers der kohlhernie, *Plasmodiophora brassicae* Woronin. Landw. Jahrb. 59: 227-244. O. 1923. no.2.

Verzeichnis der zitierten literatur: p. 244.

A Lavoura.

Filho, T. C.

As nodosidades bacterianas nas folhas das rubiaceas e outras plantas. Importante descoberta na India e seu alto interesse agronomico. A Lavoura. 27: 734-735. O. 1923. no. 10.

Pereira da Fonseca, Alda.

A cultura da mangueira. Origem - Valor commercial-cuidados culturaes - Propagação - Colheita - Variedades. A Lavoura 27: 736-738. col.pl. O. 1923. no.10.

Louisiana Plant.

Agee, H. P.

Resistance to disease and adverse conditions by hardy sugar cane types. Louisiana Plant. 72: 75-76. Ja.26, 1924. no.4.

Shamel, A. D.

Improvement of cane varieties by bud selection. Louisiana Plant. 72: 73-75. Ja.26, 1924. no.4.

Nature.

Transley, A. G.

The unification of pure botany. Nature. 113: 85-88. Ja.19, 1924. no. 2829.

Naturwissenschaften.

Walter, Heinrich.

Theoretische betrachtungen über die beziehungen der mitscherlichischen produktionskurve und des weber-fechnerschen gesetzes zum massenwirkungsgesetz. Naturw. 12: 25-53. Ja.11, 1924. no. 2.

Literaturnachweis: p. 33.

New Zeal. Journ. Agr.

Collard, J. W.

Fireblight. New Zeal. Journ. Agr. 27: 407. D. 1923. no. 6.

Cunningham, G. H.

Diplodia canker, *diplodia griffoni*. A common fungous disease of the apple. New Zeal. Journ. Agr. 27: 380-384. illus. D. 1923. no. 6.

Literature consulted: p. 384.

Norske Vidensk. Selsk. Skrift.

Printz, Henrik.

Det vegetative skuds anatomiske bygning hos *Phelipaea lanuginosa* C. A. Meyer. Norske Vidensk. Selsk. Skrift. 1921, no. 2. 49 p. illus., pl. i-iv. 1922 (Rec'd Ja. 1924)



Nuovo Giorn. Bot. Ital.

Albo, G.

Come vivono le piante nelle diverse stazioni della Sicilia meridionale-orientale. Nuovo Giorn. Bot. Ital. 30: 157-171. Jl.O.1923. no.3/4.

Catalano, Giuseppe.

La sensibilità vegetale (Sintesi storica degli studi piu' notevoli) Nuovo Giorn. Bot. Ital. 30: 121-156. Jl.-O, 1923. no. 3/4.

Chiarugi, A.

Osservazioni anatomiche sopra i cosiddetti stoloni (stolofilli) Nuovo Giorn. Bot. Ital. 30: 172-199. illus., pl. iv-vi. Jl.O.1923. no. 3/4.

Bibliografia: p. 195-196.

Lacaita, C. C.

Piante italiane critiche o rare. LXXXIV-XC. Nuovo Giorn. Bot. Ital. 30: 200-221. Jl.-O. 1923. no. 3/4.

Ohio Journ. Sci.

Schaffner, J. H.

The time of sex determination in plants. Ohio Journ. Sci. 23: 225-240. S.-O. 1923. no. 5.

Pflügers Arch. Ges. Phys.

Weber, Friedl.

Röntgenstrahlenwirkung und protoplasmaviscosität. Pflügers Arch. Ges. Phys. 198: 644-647. Ap. 1923. no. 5/6.

Philipp. Journ. Sci.

Lee, H. A.

California scaly bark and bark rot of citrus trees in the Philippines. Philipp. Journ. Sci. 16: 219-225. pl. xix-xxvi. 1923. no. 3.

Proc. Amer. Soc. Hort. Sci.

Young, W. J.

Water glass as a dressing for pruning wounds. Proc. Amer. Soc. Hort. Sci. 19: 183-190. 1923.

Queensl. Agr. Journ.

Our natural grasses. Queensland Agr. Journ. 20: 437-438. D. 1923. no. 6.

White, C. T.

Queensland trees. The Ribbonwood (Euproschinus falcatus) Queensl. Agr. Journ. 20: 434-435. pl. 109. D. 1923. no. 6.

Rep. Canad. Arctic Exp.

Lowe, C. W.

Freshwater algae and freshwater diatoms. Rep. Canad. Arctic Exp. 4(Bot.) pt. A. 43 p. illus., pl. i-v. 1923.

Rev. Hort.

Martinet, H. & Lesourd, F.

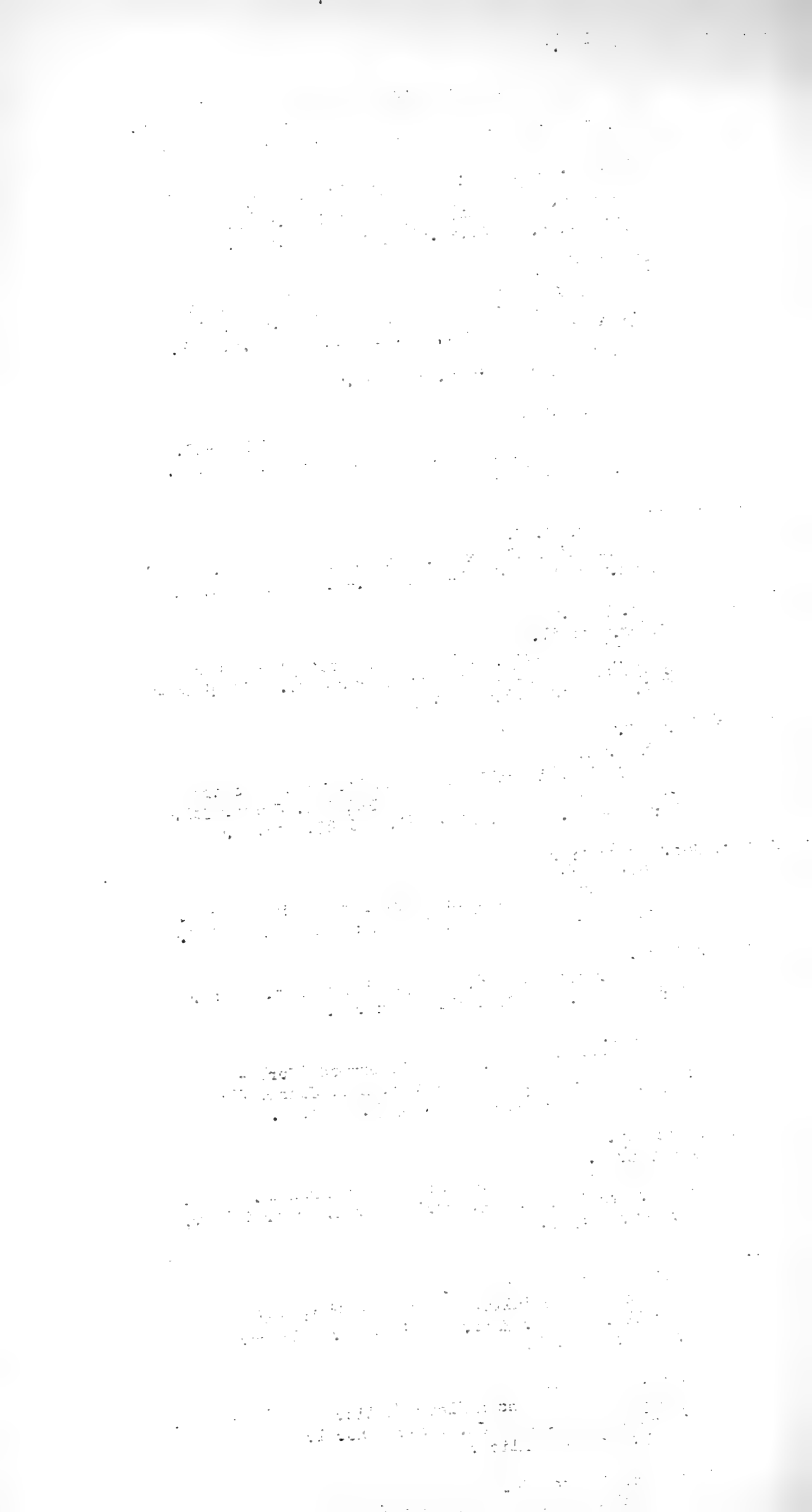
Le chaire de culture au Museum d'histoire naturelle. Rev. Hort. 96: 13-18. illus. Ja. 1924. no. 1.

Mottet, Seraphim.

Les Rhododendrons a fleur de lis. Rev. Hort. 96: 9-11. illus. Ja. 1924. no. 1.
R. Princess Alice.

Vilmorin, Jacques de.

Le chimonante a grande fleur jaune. Rev. Hort. 96: 11-12. col. pl. Ja. 1924. no. 1.



Rev. Path. Comp.

Dufrénoy, Jean.

La maladie de châtaignier. Rev. Path. Comp.
v. 24, no. 244. p. 23-26. illus. Ja. 5, 1924.

Rev. Vitic.

R , H.

Le coitre de la vigne (*Coniothyrium diplodiella*)
ou maladie de la grele. Rev. Vitic. 60: 52-53.
Ja. 17, 1924. no. 1542.

Riv. Biol.

Giacobbe, Andrea.

Una nuova forma di *Quercus suber* L. Riv. Biol.
5: 735-736. illus. N.-D. 1923. no. 6.

Manaresi, Angelo. & Carreri, Loris.

La probabilità di allegagione dei fiori varia
col numero degli elementi dell' infiorescenza?
Riv. Biol. 5: 728-731. N.-D., 1923. no. 6.

Pierpaoli, Irma.

Prima contribuzione allo studio delle alghe nel
Golfo di Taranto. Riv. Biol. 5: 693-709.
N.-D. 1923. no. 6.

Scient. Agr.

Shoemaker, J. S.

Lime sulphur injury. Scient. Agr. 4: 180-184.
F. 1924. no. 6.
Literature cited: p. 183-184.

Scott. Journ. Agr.

Wart disease. History, present distribution and
control. Scott. Journ. Agr. 7: 72-82. Ja.
1924. no. 1.
Literature: p. 82.

So. Afr. Fruit Grow.

Davies, Rees.

Fire blight of fruit trees. So. Afr. Fruit
Grow. 10: 415-416. illus. D. 1923. no. 12.

So. Afr. Journ. Sci.

Du Plessis, I. P. J.

Preliminary chemical investigations of three
South African plants. So. Afr. Journ. Sci.
20: 256-264. O. 1923. no. 1.
References: p. 264.

Dodonaea humbergiana, *Eriocephalus umbellatus*,
Sphenogyne arbotanifolia.

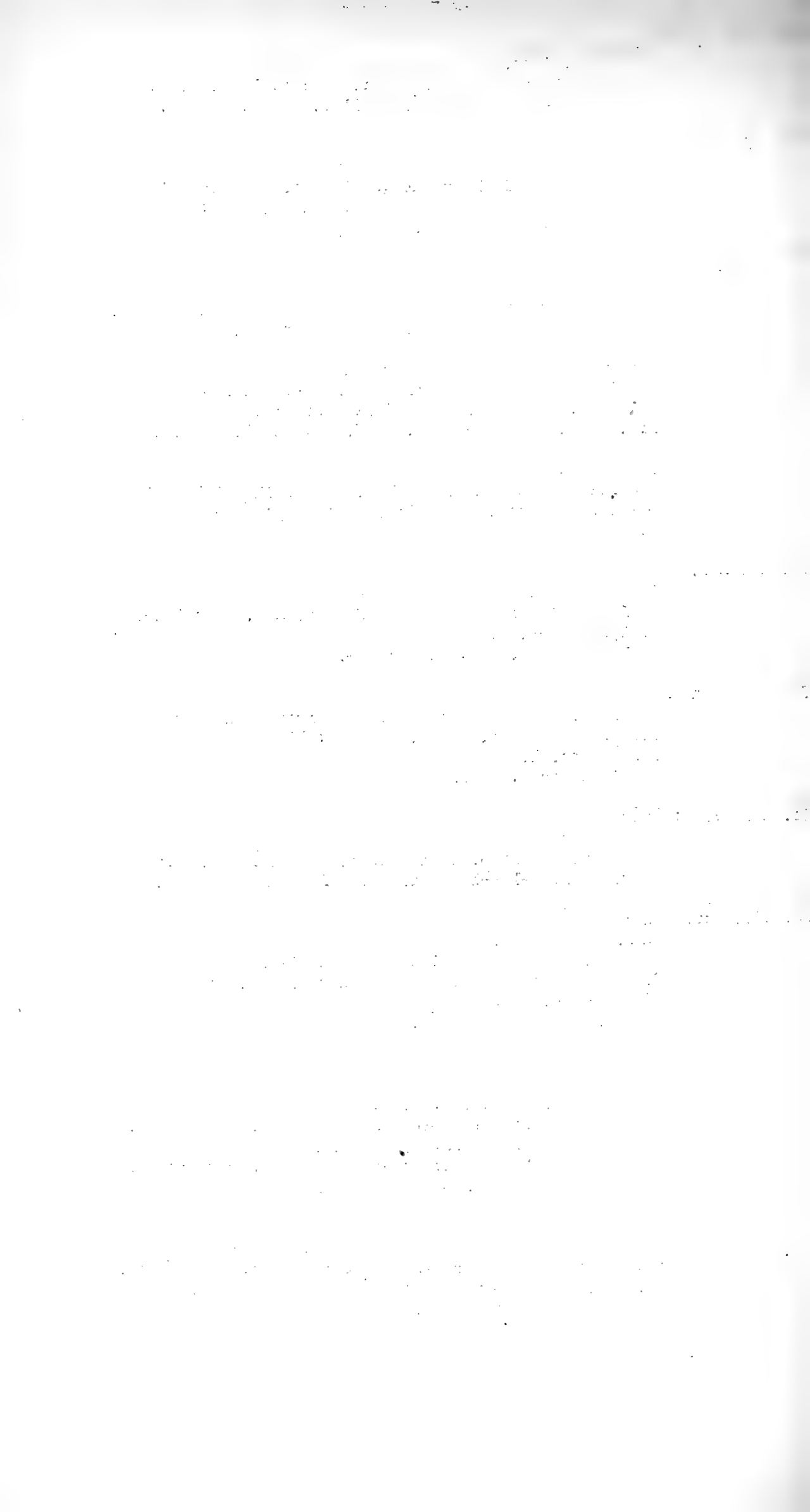
Green, E. H. & Andrews, W. H.

The toxic principles of *Adenia digitata*. So.
Afr. Journ. Sci. 20: 273. O. 1923. no. 1.

Abstract of paper to appear in Rep. Director of
Veterinary Educ. & Res.

Potts, George.

The plant succession in the Orange Free State,
and the need for maintaining a covering of vegetation.
So. Afr. Journ. Sci. 20: 196-201. O. 1923. no. 1.
References: p. 201.



So. Afr. Journ. Sci. (cont.)

Schwarz, E. H. L.

The evidence for the Karroo having been a grassed plain in comparatively recent times. So. Afr. Journ. Sci. 20: 218-219. O. 1923. no. 1.

A section of his "The Kalahari scheme as the solution of the South African drought problem."

Stoneman, Bertha.

The search for crucial instances in botanical procedure. So. Afr. Journ. Sci. 20: 74-95. O. 1923. no. 1.

References: p. 94-95.

Staz. Sper. Agr. Ital.

Ippolito, Giulio d'

Sul valore pratico della identificazione dei semi di alcune specie di Cuscuta. Staz. Sper. Agr. Ital. 56: 326-340. illus. 1923. no. 7/9. Bibliografia: p. 340.

Ippolito, Giulio d'

Ulteriori ricerche e considerazioni circa l'azione del manganese sulla vegetazione. Staz. Sper. Agr. Ital. 56: 386-400. 1923. no. 7/9

Pubblicazioni consultate: p. 399-400.

LoPriore, Giuseppe.

In memoria di Luigi Pasteur. Staz. Sper. Agr. Ital. 56: 283-284. 1923. no. 7/9.

Melis, Antonio.

Cause di aborto nel gineceo del fiore dell'olivo. Staz. Sper. Agr. Ital. 56: 302-312. illus. 1923. no. 7/9.

Svensk. Bot. Tidskr.

Almqvist, Ernst.

Alex Jordan und die Kleinarten. Svensk Bot. Tidskr. 17: 521-527. 1923. no. 4.

Du Rietz, G. E.

Stamfasciation hos *Lysimachia vulgaris* L. Svensk Bot. Tidskr. 17: 529-530. illus. 1923. no. 4.

Godspeed, T. H.

A preliminary note on the cytology of *Nicotiana* species and hybrids. Svensk Bot. Tidskr. 17: 472-478. illus. 1923. no. 4.

Melin, Elias.

Experimentelle undersøkelser öfver die birken- und espenmykorrhizen und ihre pilzsymbionter. Svensk Bot. Tidskr. 17: 479-520. illus. 1923. no. 4.

Literaturverzeichnis: p. 519-520.

Samuelsson, Gunnar.

Växtlokaler från västmanland. I- Svensk Bot. Tidskr. 17: 401-448. 1923. no. 4.

Svedelius, Nils.

Zur Kenntnis der Gattung *Neomeris*. Svensk Bot. Tidskr. 17: 449-471. illus. 1923. no. 4. Literaturverzeichnis: p. 470-471.

Trans. Illinois Acad. Sci.

Anderson, H. W.

New species of fungi from Illinois. Trans.
Illinois State Acad. Sci. 15: 126-129. 1922.
(Rec'd Ja. 1924)

Septoria collinsiae, *S. septentrionalis*, *Gloeosporium impatientis*, *Phyllosticta rafinesquii*, *Ascochyta rhodotyphi*.

Anderson, H. W.

Notes on new diseases of economic crops in
Illinois. 1919-1921. Trans. Illinois State Acad.
Sci. 15: 130-140. 1922. (Rec'd Ja. 1924)

Darlington, H. T.

The introduced weed flora of Illinois. Trans.
Illinois State Acad. Sci. 15: 171-184. 1922.
(Rec'd Ja. 1924)

Bibliography: p. 182-184.

De Forest, H.

The plant ecology of the Rock River woodlands of
Ogle County, Illinois. Trans. Illinois State Acad.
Sci. 14: 152-193. 1921. (Rec'd Ja. 1924)

References: p. 192-193.

Gates, F. C.

Contribution to the flora of Cass County, Illinois.
Trans. Illinois State Acad. Sci. 15: 165-170. 1922.
(Rec'd Ja. 1924)

McDougall, W. B.

Notes on Illinois mushrooms. Trans. Illinois
State Acad. Sci. 15: 121-125. plates. 1922.
(Rec'd Ja. 1924)

Literature cited: p. 125.

McDougall, W. B.

A preliminary key to some forest tree roots.
Trans. Illinois State Acad. Sci. 14: 87-91. 1921.
(Rec'd Ja. 1924)

Noé, A. C.

The present status of paleobotany in Illinois.
Trans. Illinois State Acad. Sci. 15: 119-120.
1922. (Rec'd Ja. 1924)

Reagan, A. R.

Some plants of the Bois Fort Indian reservation
and vicinity in Minnesota. Trans. Illinois State
Acad. Sci. 14: 61-70. 1921. (Rec'd Ja. 1924)

Renich, M. E.

Growth as related to specific gravity and size of
seed. Trans. Illinois State Acad. Sci. 14: 109-
139. 1921. (Rec'd Ja. 1924)

Stevens, F. L.

Notes on Hawaiian botany with special reference to
the fungi. Trans. Illinois State Acad. Sci. 15:
115-118. 1922. (Rec'd Ja. 1924)

Tehon, L. R.

The habitat of naturalized common barberry in
Illinois. Trans. Illinois State Acad. Sci. 15:
151-164. 1922. (Rec'd Ja. 1924)

Bibliography: p. 163-164.

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is scattered across the page and does not form any recognizable words or sentences.]

Trans. Illinois Acad. Sci. (cont.)

Tehon, L. R.

The Illinois plant disease survey. Trans.
Illinois State Acad. Sci. 15: 141-150. 1922.
(Rec'd Ja. 1924)

Thone, Frank.

Advantages of river canyons for ecological study.
Trans. Illinois State Acad. Sci. 15: 202-207.
pl. 1922. (Rec'd Ja. 1924).
Literature cited: p. 207.

Turner, Helen.

The ecology of *Rhus toxicodendron*. Trans.
Illinois State Acad. Sci. 15: 208-211. 1922.
(Rec'd Ja. 1924)

Waterman, W. G.

Note on juvenile leaves in *Thuja occidentalis*.
Trans. Illinois State Acad. Sci. 14: 85-86.
1921. (Rec'd Ja. 1924)

Die Umschau.

Konsuloff, St.

Die erhöhung des ernteertrages durch die Popoff'
schen stimulationsmethoden. Die Umschau. 28:
24-26. illus. Ja. 12, 1924. no. 2.

Weber, Friedl.

Neue frühtreibmethoden. Umschau. 28: 40-42.
illus. 1924. no. 3.

U. S. Dept. Agr. Bull.

Darrow, G. M.

Fruits in West Virginia, Kentucky and Tennessee.
U.S. Dept. Agr. Bull. 1189. 81 p. illus. D. 1923.
Literature cited: p. 78-81.

U. S. Dept. Agr. Farm. Bull.

Yerkes, G. E.

Bridge grafting. U.S. Dept. Agr. Farm. Bull.
1369. 19 p. illus. N. 1923.
Revision of Bull. 710 by W. F. Fletcher.

Vie. Agr. et Rur.

Bellair, Georges.

Les petits fruits a noyaux et leurs variétés
les meilleures le cerisier. Vie Agr. et Rur.
24: 22-24. illus. Ja. 12, 1924. no. 2.
Ouvrages à consulter: p. 24.

Exper. Stat. Publ.

Price, J. C. C.

Harvesting and storing sweet potatoes. Alabama
Agr. Exp. Stat. Bull. 220. 14 p. illus. N. 1923.

Wiggans, R. G.

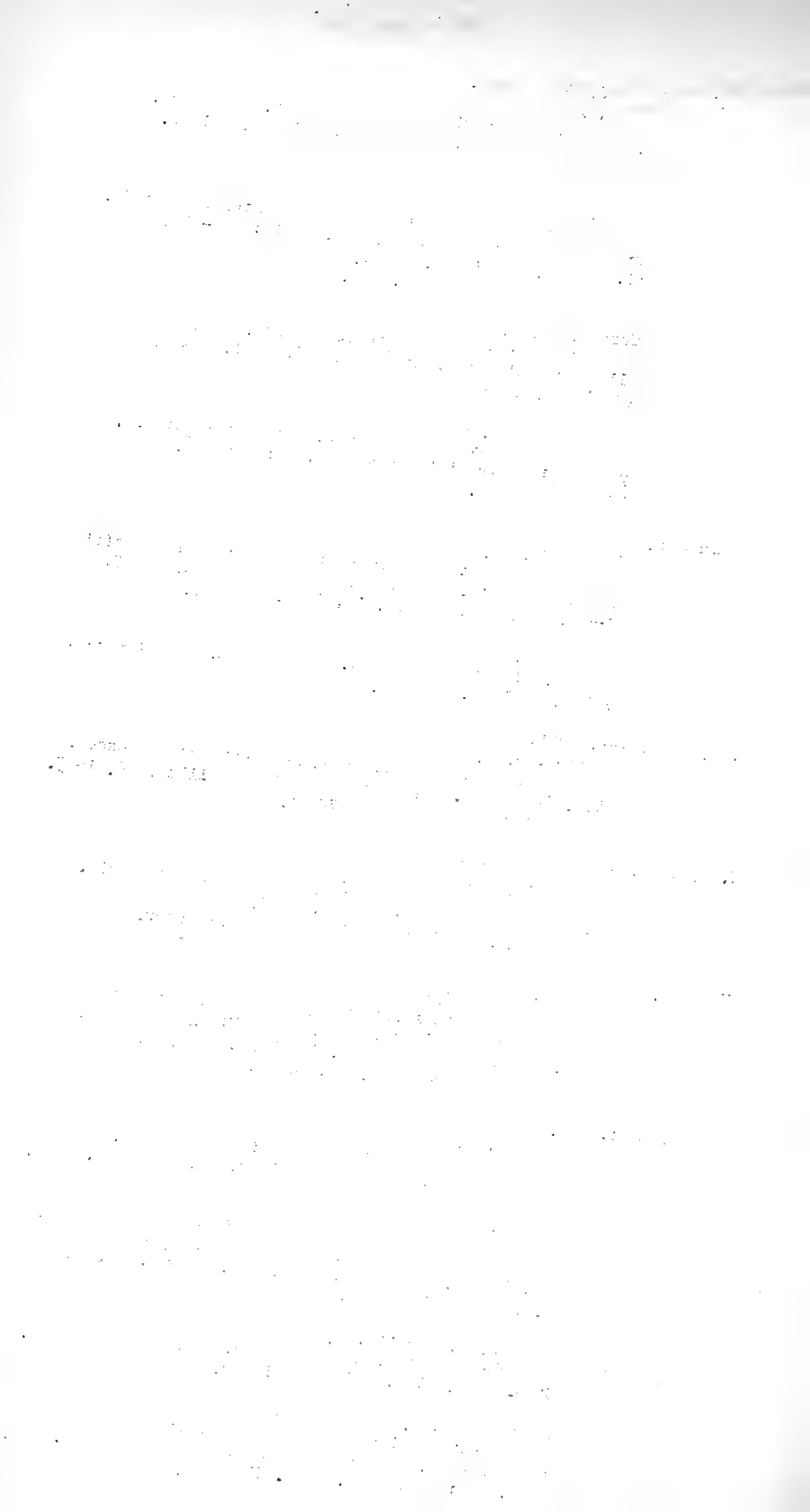
Studies of various factors influencing the yield
and the duration of life of meadow and pasture plants.
Cornell Agr. Exp. Stat. Bull. 424. 24 p. illus.
Ag. 1923 (Rec'd Ja. 1924)

Call, L. E. & Getty, R. E.

The eradication of bindweed. Kansas Agr. Exp.
Stat. Circ. 101. 18 p. illus. D. 1923.

Thompson, N. F. & Dickson, J. G.

Fighting black stem rust of grains by eradicating
the barberry. Wisconsin Agr. Exp. Stat. Bull. 357.
28 p. illus. My. 1923. (Rec'd F. 1924)



New Books.

Arizona - Laws, Statutes, etc.

Plant inspection and quarantine laws, orders and regulations applying in the state of Arizona. Phoenix, Ariz., 1923.

Fiori, Adriano.

Nuova flora analitica d'Italia. v.1, fasc. 1-2. Firenze, 1923.

Gentil, A.

Dictionnaire étymologique de la flore française. Paris, Lechevalier, 1923.

Lecomte, Henri.

Les bois coloniaux. Paris, 1923.

Liste alphabétique des noms français et indigènes des plantes citées dans l'ouvrage; p. 190-192.

Merrill, E. D.

An enumeration of Philippine flowering plants. v.3, fasc.5. 1923.

Noter, Raphaël de

Légumes et fruits des cinq parties du monde.

I. Les légumes. 225 p. illus. Paris, 1923.

1. partie. Le potager dans les pays chauds.

2. partie. Nomenclature des légumes des cinq parties du monde.

Slogteren, Egbertus van.

Address to the members of the International conference of phytopathology and economic entomology, June 28th, 1923, Haarlem, 1923.

24 p. illus.

Account of the fight against nematode disease of hyacinths and other bulbs.

Translations

available in the Bur. of Plant Industry Library.

Dufrénoy, Jean.

Les réactifs biologiques de l'espèce et la spécificité parasitaire (Biological reagents for species and parasitic specificity) Rev. Gén. Sci. Pur. et Appl. 30: 44-47. Ja. 30, 1919.

Sorauer, Paul.

Vorarbeiten für eine internationale statistik der getreideroste (International statistics of the grain rusts) Zeitschr. Pflanzenkr. 19: 194-286. 1909.

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is too light to transcribe accurately.]

Le
Library, Bureau of Plant Industry
Current Author Entries, 1924, no.129.
Indexed Feb. 11 - Feb. 23, 1924.

Acta For. Fenn.

Cajander, A. K.

Einige hauptzüge der pflanzen-topographischen forschungsarbeit in Finnland. Vortrag gehalten in der jahresversammlung der Finnischen Akademie der Wissenschaften am 10. April. 1922. Acta For. Fenn. no. 23. 31 p. 1923.

Bibliographical foot-notes.

Cajander, A. K.

Gedächtnisrede für Johan Petter Norrlin, A.O. Professor emeritus. Gehalten in der versammlung der finnischen wissenschaftssozietät am 10. My. 1918. Acta For. Fenn. no.23. p. 1-61. port. 1923.

Verzeichnis der schriften Norrlins: p. 59-61.

Norrlin, J. P.

Adnotationes der pilosellis fennicis. Acta. Forr. Fenn. no. 23. p. 209-232. 1923.

I. Aufzeichnungen über die pilosellae Finnlands.

Norrlin, J. P.

Beiträge zur flora des südöstlichen Tavastlands. Acta For. Fenn. no.23. p. 15-52. 1923.

Norrlin, J. P.

Bericht über eine naturgeschichtliche reise in Torneå-Lappmark. Acta For. Fenn. no.23. p.163-179. 1923.

Norrlin, J. P.

Flora kareliae onegensis. Acta For. Fenn. no.23. p.53-161. 1923.

I. Ueber die vegetation von Onega-Karelien und die naturhistorische grenze Finalnds sowie Skandinaviens im Osten.

Norrlin, J. P.

Uebersicht der moose und flechten von Torneå-(Muonio) und den angrenzenden teilen von Kemi-Lappmark. Acta For. Fenn. no.23. p. 181-198. 1923

Addisonia.

Addisonia. v. 8, no. 4. D. 1923.

Stenocarpus sinuatus. p. 49-50. col.pl. 281.

Hamelia axillaris. p. 51. col. pl. 282.

Salvia pitcheri. p. 53-54. col. pl. 283.

Syndesmon thalictroides. p.55. col.pl. 284.

Ardisia polycephala. p. 57-58. col. pl. 285.

Colletia cruciata. p. 59. col. pl. 286.

Lagetta lagetto. p. 61. col. pl. 287.

Stephanandra incisa. p.63. col. pl. 288.

Agric. Colon.

Calvino, Mario.

Un cereale per le regioni semiaride. Agric. Colon. 17: 425-427. plate. D. 1923. no. 12.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

REPORT OF THE
COMMISSIONERS OF THE
SCHOOL OF DISTANCE EDUCATION
FOR THE YEAR 1967-68

CHICAGO, ILLINOIS
1968

THE UNIVERSITY OF CHICAGO
SCHOOL OF DISTANCE EDUCATION
5408 SOUTH UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

TELEPHONE: 773-707-5000
FACSIMILE: 773-707-5000

INTERNET: WWW.UCHICAGO.EDU
WWW.SDE.UCHICAGO.EDU

OFFICE OF THE DEAN
SCHOOL OF DISTANCE EDUCATION
5408 SOUTH UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

TELEPHONE: 773-707-5000
FACSIMILE: 773-707-5000

INTERNET: WWW.UCHICAGO.EDU
WWW.SDE.UCHICAGO.EDU

OFFICE OF THE DEAN
SCHOOL OF DISTANCE EDUCATION
5408 SOUTH UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

TELEPHONE: 773-707-5000
FACSIMILE: 773-707-5000

Amer. Fruit Grow. Mag.

Anderson, O. G.

Some notes on spray machinery. Amer. Fruit
Grow. Mag. v.44, no.2. p.3,12,26,43,50,53.
illus. F.1924.

Brooks, Charles.

Phoma fruit spot of apples. Amer. Fruit
Grow. Mag. v.44, no.2. p.14, 28, 53. illus.
F. 1924.

Childs, Leroy.

Oil spray suggestions. Amer. Fruit Grow.
Mag. v.44,no.2. p.39-42. illus. F. 1924.

Coons, G. H.

Timeliness in apple scab control. Amer. Fruit.
Grow. Mag. v.44, no.2. p.33-44, 51, 58. illus.
F. 1924.

Dutton, W. C.

Cherry diseases and their control. Amer. Fruit
Grow. Mag. v.44, no.2. p.6, 13, 24. illus. F.1924.

Floyd, W.L.

Citrus insects and diseases in Florida. Amer.
Fruit Grow. Mag. v.44, no.2. p.16, 35, 42-43. illus.
F. 1924.

Gardner, M. W.

Apple blotch control. Amer. Fruit Grow. Mag.
v.44, no.2. p.54-56, 58. illus. F. 1924.

Snapp, O.I. & Dunegan, J.C.

Spraying the Georgia peach crop. Amer. Fruit
Grow. Mag. v.44, no.2. p.4,18,20,22. illus.
F. 1924.

Amer. Midl. Nat.

Holm, Theodor.

Comandra umbellata (L.) Nutt. Amer. Midl.
Nat. 9: 1-13. pl.i-ii. Ja. 1924. no.1.
Bibliography: p. 10.

Stevens, O.A.

Some effects of the first fall freeze. Amer.
Midl. Nat. 9: 14-17. Ja. 1924. no.1.

Ann. Naturh. Mus. Wien.

Fleischmann, H.

Neue Ophryg - arten Aus Asien, gesammelt von
J.Bornmüller und Th.Strauss. Ann.Naturh. Mus.
Wien. 36: 7-14. 1923.

Keissler, C.

Schedae ad kryptogamas exsiccatas editae a
Museo Palatino Vindobonensi. Cent.XXVI. Ann.
K.K. Naturh. Mus. Wien. 36: 74-89. 1923.

Kränzlin, Friedrich.

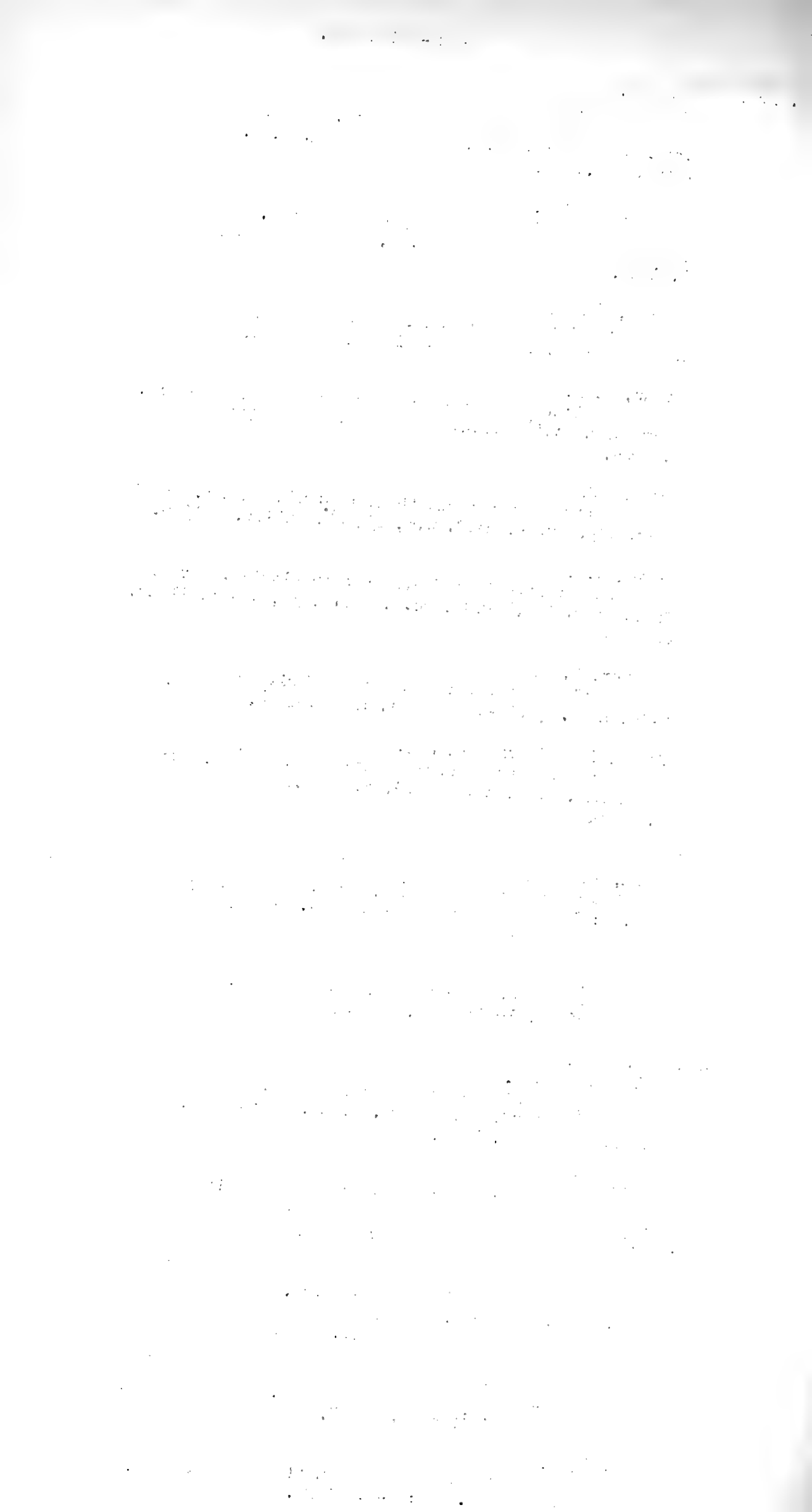
Ueber zwei Polystacha - arten. Ann. Naturh.
Mus. Wien. 36: 5-6. 1923.
Polystacha hildebrandtii, n.sp.

Rechinger, Karl.

Studien über die gattung Rumex. Ann. Naturh.
Mus. Wien. 36: 152-159. 1923.

Spandl, H.

Neue entomotraken und dinoflagellaten. Ann.
Naturh. Mus. Wien. 36: 3-4. 1923.
Ceratium filiforme, n.sp.



Ann. Naturh. Mus. Wien. (cont.)

Zahlbruckner, A.

Schedae ad kryptogamas exsiccatas editae a Museo Palatino Vindobonensi. Cent. XXV-XXVI. Ann.K.K.Naturh. Mus. Wien. 36: 36-49. 1923.

Ann.Rep. Dept. Agr. & Stock. Tasmania.

Weed seeds, weeds, and poisonous plants found in commercial samples of seeds and stock foods examined during 1922-1923. Ann.Rep. Dept. Agr. & Stock Queensland. 1922/23. p.53-62. 1923.

Consists of Tables I-V with varying titles.

Bengal Agr. Journ.

Basu, N. C.

Some common fibre plants. Bengal Agr. Journ. 3: 24-29, 60-65. pl. Mr., Je. 1923. 4: 30-35. plates. S. 1923.

Bol. Agr. São Paulo.

Averna-Saccá, Rosario.

Contribuição para o estudo da biologia da Anthracnose de batatinha e principalmente de sua forma ascophora. Bol. Agr. São Paulo. 24: 272-282. illus. Jl.-Ag. 1923. no.7/8.

Plowrightia solanicola, n. sp.

Bot. Not.

Du Rietz, G.E.

Flechtensystematische studien. III. Bot. Not. 1924, no. 1. p.49-68.

Melin, Elias.

Ueber den einfluss der wasserstoffionenkonzentration auf die virulenz der wurzelpilze von kiefer und fichte. Bot. Not. 1924, no. 1. p.38-48.

Melin, Elias.

Zur kenntnis der mykorrhizapilze von *Pinus montana* Mill. Bot. Not. 1924, no. 1. p. 69-92. illus.

Literaturverzeichnis: p. 92.

Sjöstedt, L. G.

Några synpunkter till frågan om sargassohavstångens ursprung och biologi. Bot. Not. 1924, no. 1. p.1-16.

Citerad litteratur: p. 14-15.

German résumé: p. 16.

Wicksell, S.D.

Några formella synpunkter beträffande fördelningskurvorna inom växtsociologien. Bot. Not. 1924, no. 1. p. 17-37.

Bull. Soc. Centr. For. Belgique.

Quairière, C.J.

Le Parc d'Uytberghen. Bull. Soc. Centr. For. Belgique. 31: 17-23. plate. Ja. 1924. no. 1.

Bull. Torr. Club.

Britton, N.L.

Studies of West Indian plants. XII. Bull. Torr. Bot. Club. 51: 1-12. Ja. 1924. no. 1.

Undescribed species from Cuba, Hispaniola, Trinidad. - A new genus of Melastomaceae from Trinidad (*Necramium*) - The genus *Dorstenia* in the West Indies - Undescribed species from Porto Rico.

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

2022

2023

2024

2025

Bull. Torr. Club. (cont.)

Johnson, A. M.

The mid-styled form of *Piaropus paniculatus*.

Bull. Torr. Bot. Club. 51: 25-28. illus. Ja.
1924. no.1.

Bibliography: p. 28.

Rydberg, Axel.

Notes on Fabaceae. III. Bull. Torr. Bot.

Club. 51: 13-23. Ja. 1924. no.1.

Canad. Hort.

Fisher, P. A.

Some results from our 1923 spraying. Canad.

Hort. 47: 29-30. illus. F. 1924. no.2.

Neilson, J. A.

Spraying bush fruits. Canad. Hort. 47: 28.

F. 1924. no.2.

Ross, W. A.

The spraying of stone fruits. Canad. Hort.

47: 33. illus. F. 1924. no.2.

Citrus Leaves.

Mertz, W. M.

Control factors of windburning of citrus trees.

Serious condition can be altered by giving proper
attention to moisture content and handling of soil,
and other contributing causes. Citrus Leaves.

3: 1-4, 17. F. 1924. no.2.

Comment. Biol. Soc. Sci. Fenn.

Buch, Hans.

Die scapanien nordeuropas und sibriens.

Comment. Biol. Soc. Sci. Fenn. v.1, no.4. 21 p.
illus. 1923.

Zitierte literatur: p. 20.

Buch, Hans.

Ueber kutikula bewohnende mikroorganismen der
lebermoose. Vorläufige mitteilung. Comment. Biol.
Soc. Sci. Fenn. v.1, no.5. 2 p. 1923.

Compt. Rend. Acad. Sci. Paris,

Bach,

Variations de la concentration en ions hydrogène
sous l'influence de l'assimilation des nitrates par
l'*Aspergillus repens* De Bary. Compt. Rend. Acad.
Sci. Paris. 178: 520-522. Ja.28, 1924. no.5.

Colin, Henry, & Franquet, R.

La Migration de l'inuline dans les greffes de
composées. Compt. Rend. Acad. Sci. Paris. 178:
518-520- Ja.28, 1924. no.5.

Freundler, P.

Sur l'iode dosable des *Laminaria flexicaulis*.

Compt. Rend. Acad. Sci. Paris. 178: 515-517.
Ja.28, 1924. no.5.

Offner, Jules, & Heim, Roger.

Sur un pleurote des prairies alpines. Compt.
Rend. Acad. Sci. Paris. 178: 412-414. Ja.21, 1924.
no.4.

Pleurotus eryngii.

Fritel, P. H. & Carrier.

Sur des vestiges de plantes déveniennes et
carbonifériennes recueillies, en Ouadaï, par la
mission du lieutenant-colonel Grossard. Compt.
Rend. Acad. Sci. Paris. 178: 505-507. Ja.28
1924. no.5.



Compt. Rend. Acad. Sci. Paris (cont.)

Souèges, René.

Embryogénie des polygonacées. Le développement de l'embryon chez le *Polygonum aviculare* L. Compt. Rend. Acad. Sci. Paris. 173: 409-412. illus. Ja.21, 1924. no.4.

Compt. Rend. Soc. Biol. Paris.

Nicolau, G.

Sur les effets de l'injection de différentes substances dans le parenchyme des plantes. Compt. Rend. Soc. Biol. Paris. 90: 148-149. Ja.25, 1924. no.2.

Petrescu, C.

Contribution a l'étude biologique de la flore de Lobrogea et de Moldavie. Compt. Rend. Soc. Biol. Paris. 90: 158-160. Ja.25, 1924. no. 2.

Biologic associations between various rusts and their hosts.

Zotta, G.

La leptomonadiose spontanée chez *Cynanchum acutum*, asclépiadée autochtone en Roumanie. Compt. Rend. Soc. Biol. Paris. 90: 141-143. Ja. 25, 1924. no.2.

Country Life. London.

Maxwell, J. S.

Glenbranter, a national garden and arboretum. Country Life. 55: 179-180. illus. F.2, 1924. no. 1413.

In West Scotland between the Firth of Clyde and Loch Fyne.

Wilson, E. H.

The Magnolias. I- Country Life. 55: 214-216. illus. F.9,1924. no.1414.

Deut. Landw.Presse.

Esmarch, F.

Zur biologie des kartoffelkrebsses. (cont.) Deut. Landw. Presse. v.51, no.3. p.18-19. Ja.19, 1924.

Ecology.

Humphrey, H.D.

The phytogeography of the Coeur d'Alène flood plain of northern Idaho. Ecology. 5: 6-13. illus. Ja. 1924. no.1.

Literature cited: p. 13.

Johnson, D.S.

The influence of insolation on the distribution and on the developmental sequence of the flowers of the giant cactus of Arizona. Ecology. 5: 70-82. illus. Ja. 1924. no.1.

Literature cited: p. 82.

Plitt, C.C.

An ecological study of lichens. Ecology. 5: 95-98. Ja. 1924. no.1.

Waksman, S.A.

Influence of soil reaction upon the distribution of filamentous fungi in the soil. Ecology. 5: 54-59. Ja. 1924. no.1.

Literature cited: p. 59.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the collected information.

3. The third part of the document focuses on the role of technology in enhancing data management and analysis. It discusses the benefits of using cloud-based storage solutions and data visualization tools to improve the efficiency and effectiveness of the data analysis process.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It provides guidelines for implementing robust security measures to protect sensitive information and ensure compliance with relevant data protection regulations.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation of the data management process to ensure its continued effectiveness and relevance in the organization's strategic goals.

Ecology (cont.)

Weaver, J. E., Kramer, Joseph, & Reed, Maud.
Development of root and shoot of winter wheat
under field environment. Ecology. 5: 26-50.
illus. Ja. 1924. no. 1.
Bibliography: p. 50.

Florida Grow.

Peattie, D.C.
A new avocado disease. Florida Grow. 29:
7. illus. F.9, 1924. no.6.

Scab retarding pecan production. Florida Grow.
29: 9. F.9, 1924. no.6.

Time for citrus scab control. Florida Grow. v.29,
no.8. p.9. F.16, 1924.

Flor. Exch.

Bisset, Peter.
Rosa odorata - of worth or worthless? Flor.
Exch. 57: 391. F.9, 1924. no.6.
Letters also from J.H. McFarland & E.Teas.

Lodge, U.S.
A new method of controlling blackspot. Flor.
Exch. 57: 437, 469. illus. F.16, 1924. no.7.

For. Leaves.

Phillips, H. B.
Some foreign trees used for ornamental planting
in Pennsylvania. Forest Leaves. 19: 104-105.
plates. F. 1924. no.7.

Garden.

Bean, W. J.
Fothergillas and Parrotias. Garden. 88:
55-56. illus. F.2, 1924. no. 2724.

Bean, W. J.
New and rare shrubs. Garden. 88: 56-57.
illus. F.2, 1924. no.2724.
Arundinaria murieiiae, Rosa mirifica, Smilax
megalantha, Stranvaesia salicifolia.

Hadden, N. G.
Notes on some French orchids. Garden. 88:
45-46. illus. Ja.26, 1924. no. 2723.

Irving, Walter.
Lithospermums and onosmas. Garden. 88: 41-
43. illus. Ja.26, 1924. no.2723.

Osborn, Arthur.
Low-growing shrubs. II. Garden. 88: 43-44.
Ja.26, 1924. no.2723.

Tipping, H. A.
A new hedge plant. Lonicera nitida supplies
all the requirements for an evergreen hedge. It is
completely hardy and of rapid growth. Garden. 88:
57-58. illus. F.2, 1924. no.2724.

First main paragraph of handwritten text, starting with a capital letter.

Second main paragraph of handwritten text, starting with a capital letter.

Third main paragraph of handwritten text, starting with a capital letter.

Fourth main paragraph of handwritten text, starting with a capital letter.

Fifth main paragraph of handwritten text, starting with a capital letter.

Sixth main paragraph of handwritten text, starting with a capital letter.

Gard. Chron.

- Brotherston, R. P.
The early Florist. Gard. Chron. III, 75:
50. illus. Ja.26, 1924. no.1935.
- Dicks, S.B.
The turnip - Brassica rapa. Gard. Chron.
III, 75: 54. Ja.26, 1924. no.1935.
- Dowson, W. J.
A flower-spike disease of cultivated Antirrhinums.
Gard. Chron. III, 75: 62. F.2, 1924. no.1936.
Due to Sclerotinia sclerotiorum.
- Leroy, Ch.
Discovery of a new arboretum in France. Gard.
Chron. III, 75: 64. illus. F.2, 1924. no.1936.
La Fosse in the vicinity of Vendôme.
- Mr. A.B. Jackson. Gard. Chron. III, 75: 44.
port. Ja.26, 1924. no.1935.
- White, J.E.G.
Notes from Wisley. Gard. Chron. III, 75:
49. Ja.26, 1924. no.1935.
Silver leaf fungus attacking Veronica traversii
Ribes spp., Fernettya mucronata, species of Berberis
and tree lupin and birch.

Gard. Illus.

- Ashton, E.R.
The history of an interesting orchid. Cypripedium
insigne sanderac. Gard. Illus. 46: 56. illus.
Ja.26, 1924. no.2342.

Hort. Rev. Egypt. Hort. Soc.

- Shabetal, J. R.
The flora of Egypt. Hort. Rev. Egypt. Hort.
Soc. v.10, no.60. p.10-12. illus. Ja.-Mr.1924.

Ital. Agr.

- Zago, F.
Gli innesti e la forzatura. Ital. Agr. 61:
55-65. illus. Ja.15, 1924. no.1.

Journ. Agr. Res.

- King, C. J.
Habits of the cotton rootrot fungus. Journ.
Agr. Res. 26: 405-418. pl. 1-7. D.1, 1923 (Rec'd
F. 1924) no.9.
Literature cited: p. 418.
- Riker, A. J.
Some morphological responses of the host tissue
to the crown gall organism. Journ. Agr. Res. 26:
425-435. pl.1-6. D.1, 1923 (Rec'd F. 1924) no.9.
Literature cited: p. 435.

Journ. Amer. Pharm. Assoc.

- Farwell, O.A.
An adulterant of Queen-of-the-meadow. Journ.
Amer. Pharm. Assoc. 13: 121. F.1924. no.2.
Eupatorium maculatum (E.purpureum) adulterated
with Veronica noveboracensis.
- Rusby, H.H.
Miré (Mée-ray). Journ. Amer. Pharm. Assoc.
13: 101-102. F. 1924. no.2.
Plant unidentified.

Journ. Biol. Chem.

Camargo, T. de A.

The presence of vernine (guanosine) in the green leaves and berries of the coffee tree (*Coffea arabica* L.) and its relation to the origin of caffeine in this plant. Journ. Biol. Chem. 58: 831-834. Ja. 1924. no. 3.

Bibliography: p. 834.

Sando, C. E. & Lloyd, J. U.

The isolation and identification of tutin from the flowers of elder (*Sambucus canadensis* L.) Journ. Biol. Chem. 58: 737-745. illus. Ja. 1924. no. 3.

Journ. Dept. Agr. Kyushu Imp. Univ.

Kōketsu, Riichiro.

Ueber die wirkungen der elektrischen reizung an den pflanzlichen zellgebilden. Journ. Dept. Agr. Kyushu Imp. Univ. c.1, no.1. 122 p. Mr. 1923. Literaturverzeichnis: p. 120-133.

Journ. Dept. Agr. So. Africa.

Lansdell, K. A.

Weeds of South Africa. XII. "Cocklebur and burweed" (*Xanthium* spp.) Journ. Dept. Agr. So. Africa. 8: 22-32. illus. Ja. 1924. no.1.

Rosette disease in peanuts. Journ. Dept. Agr. So. Afr. 8: 9. Ja. 1924. no. 1.

Scherffius, W. H.

Tobacco mosaic Some interesting experiments on a supposed disease in Turkish tobacco. Journ. Dept. Agr. So. Africa. 8: 33-34. col.pl. ii. Ja. 1924. no. 1.

Journ. Pharm. & Exper. Therapeutics.

Macht, D.I. & Lubin, D. S.

A phyto-pharmacological study of menstrual toxin. Journ. Pharm. & Exper. Therapeutics. 22: 413-466. illus. Ja. 1924. no. 6. References: p. 465-466.

Journ. Soc. Nat. Hort. France.

Bertin, Leon.

Note sur le surgreffage. Journ. Soc. Nat. Hort. France. IV, 24: 514-516. D. 1923.

Gérôme, Joseph.

Au sujet du *Begonia nitida* Dryand. in Ait et des *Begonia lucida*. Journ. Soc. Nat. Hort. France. IV, 24: 519-521. D. 1923.

Guillaumin, André.

Qu'est-ce l'*Aralia lizei*? Journ. Soc. Nat. Hort. France. IV, 24: 522-525. D. 1923. x*Fats**Hedera lizei* Guillaumin (*Fatsia japonica* Dcne et Planch. var. *moserio* x*Hedera helix* L. var. *hibernica*.)

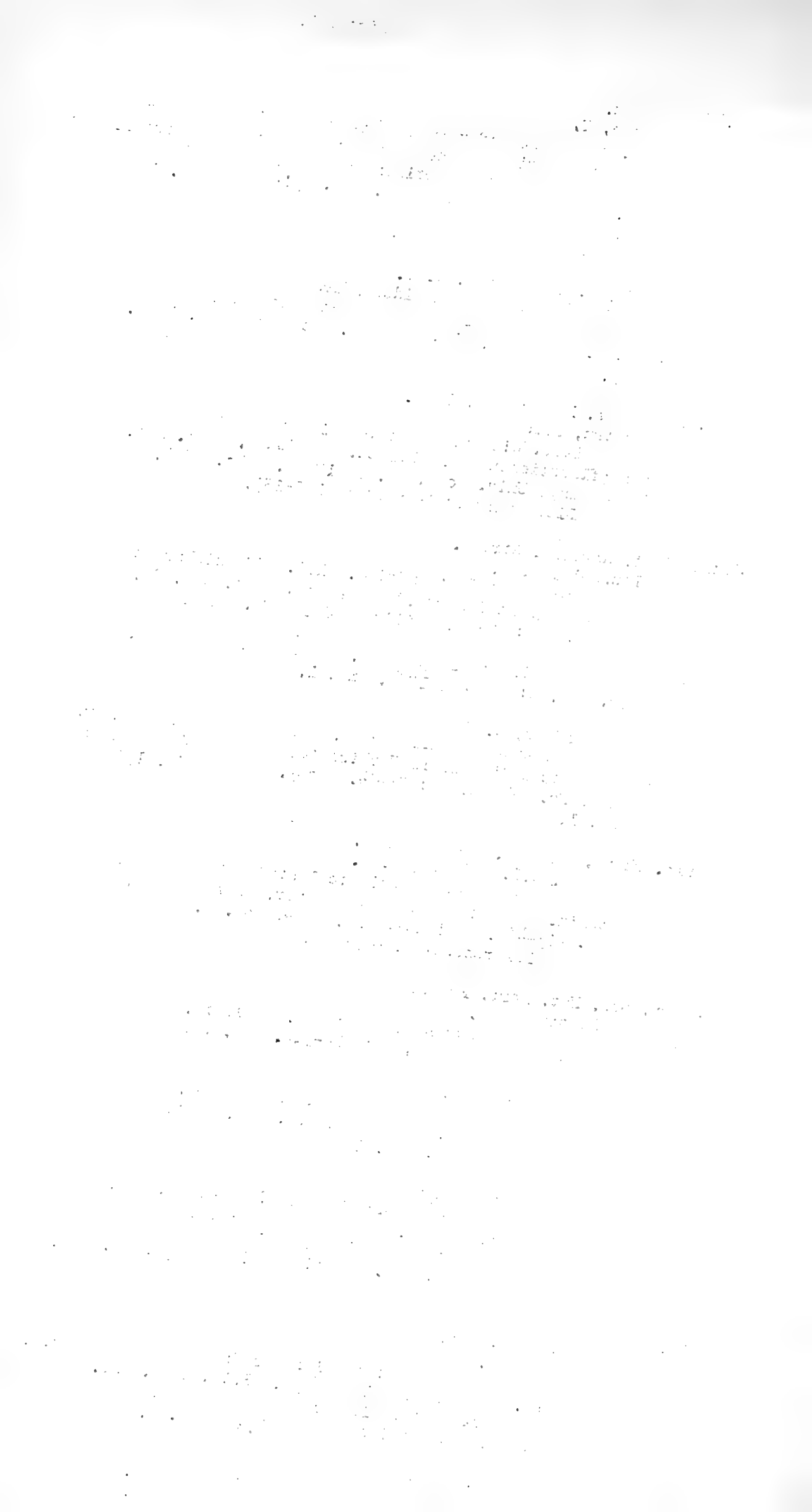
Journ. Wash. Acad. Sci.

Maxon, W. R.

New or critical ferns from Haiti. Journ. Wash. Acad. Sci. 14: 86-92. F.19, 1924. no.4. *Cheilanthes leonardi*, *Hypolepis hispaniolica*, *Dryopteris abbotiana*, *D.haitiensis*, n.sp.

Standley, P. C.

New species of plants from Salvador. III. Journ. Wash. Acad. Sci. 14: 93-99. plate. F. 1924. no. 4.



Landtm. Tids. Landtm.

Nilsson-Ehle, Hermann.

Berberisfragan. Landtm. Tids. Landtm. 7: 49-50. illus. Ja. 26, 1924. no.4.

Medd. Stat. Skogsförsöksanst. Sweden.

Malmström, Carl.

Degeröstormyr. En botanisk, hydrologisk och utvecklingshistorisk undersökning över ett nord-svenskt myrkomplex. Medd. Stat. Skogs. Försöksanst. Sweden. 1923, no. 20. p.1-206. illus. 1923.

Anförd litteratur: p. 172-176.

German summary: p. 177-205.

Wibeck, Edvard.

Om missbildning av tallens rotsystem vid spettplantering. Medd. Stat. Skogs. Försöksanst. Sweden. 1923, no. 20. p. 261-303. illus. 1923.

Litteraturförteckning: p. 299.

German summary: p. 300-303.

Minn. Hort.

Rosendahl, C.O.

Ginseng and wild sarsaparilla. Minn. Hort. 52: 51-53. illus. F. 1924. no.2.

Literature on the cultivation of ginseng: p. 53.

Museum Work.

Wilson, E. H.

Harvard's tree museum. Museum Work. 6: 147-152. illus. Ja.-F. 1924. no.5.

Arnold Arboretum.

Nature.

Soil sourness. Nature. 113: 179-180. F.2, 1924. no. 2831.

New Jersey Agr.

Poole, R.F.

The pox disease of sweet potatoes. Results of recent experimental control methods. Disease also called soil rot or ground rot. New Jersey Agr. v.6, no.2. p.6-7. illus. F. 1924.

New Zeal. Journ. Sci. & Techn.

Cockayne, Leonard.

Professor E.H. Wilson on New Zealand Forests and forestry. New Zeal. Journ. Sci. & Techn. 6: 218-222. D. 1924. no.4.

Thompson, G.M.

Naturalized animals and plants. New Zeal. Journ. Sci. & Tech. 6: 223-231. D. 1923. no.4.

News Letter Ill. State Hort. Soc.

Ruth, W.A.

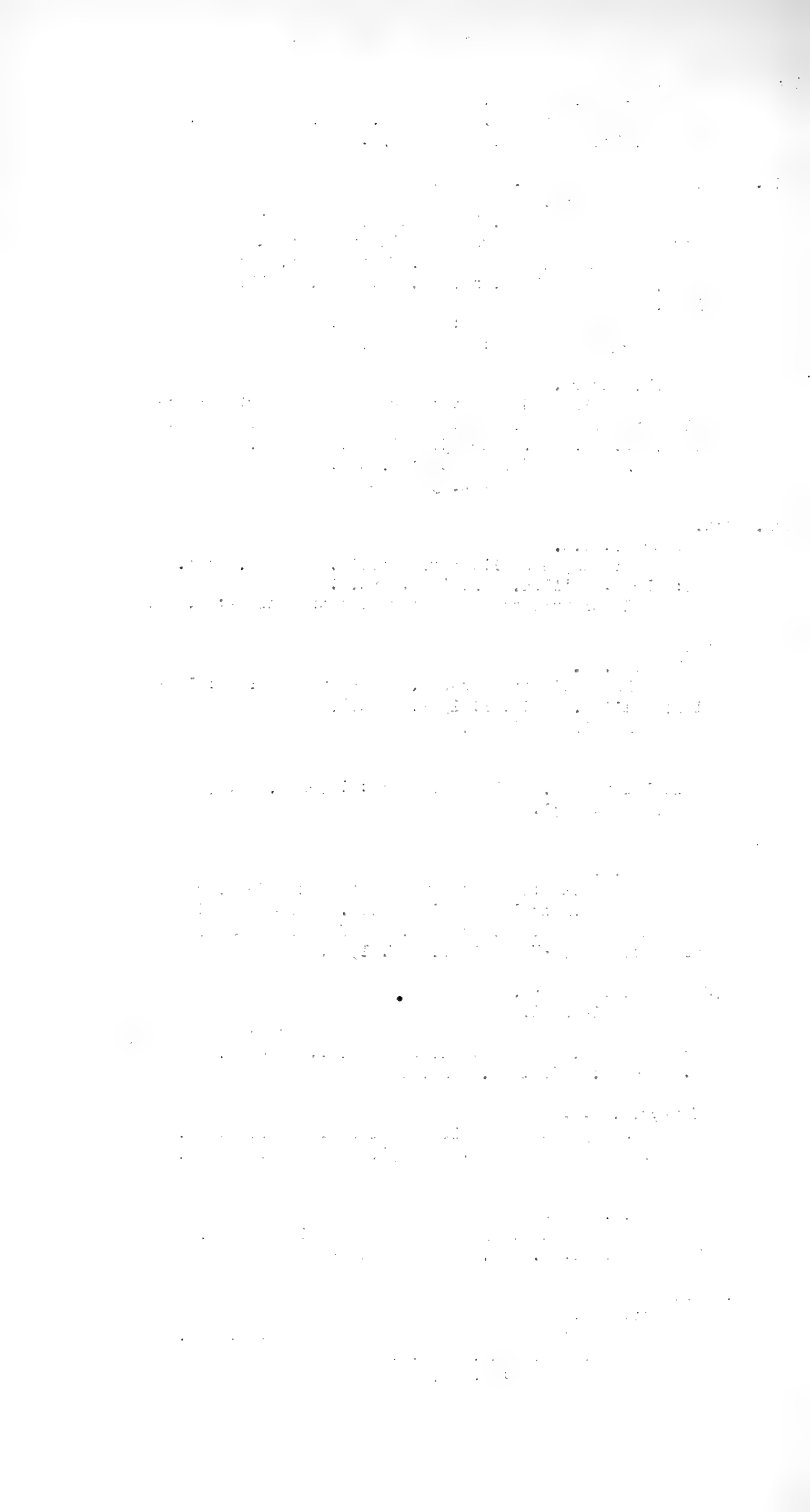
Soft scald on jonathans. News Letter Ill. State Hort. Soc. no.11. p. 2-3. F. 1924.

Philipp. Agr.

Herbert, D.A.

Phanaerogamic root parasites. Philipp. Agr. 12: 221-223. N. 1923. no.6.

Bibliography: p.223.



Phytopath.

Burkholder, W.H.

Varietal susceptibility among beans to the bacterial blight. Phytopath. 14: 1-7. Ja. 1924. no.1.

Literature cited: p. 7.

Hartley, Carl.

Plant pathology in the Dutch East Indies. Phytopath. 14: 8-23. illus. Ja. 1924. no.1.

Plant. Chron.

Sundararaman, S.

What is a mycologist. Plant. Chron. 19: 15-16. Ja. 12, 1924. no.2.

Proc. Agr.Soc.Trinidad & Tobago.

Stell, F.

Descriptive lecture on fungi. Prod.Agr.Soc. Trinidad & Tobago. 23: 436-443. N.-D. 1923. no.11/12.

Proc.Florida State Hort.Soc.

Barney, J.W.

Grafting old fruit trees. Proc. Florida State Hort. Soc. 36: 19-22. 1923.

Beach, J.B.

Avocados and tropical fruits. Proc. Florida State Hort.Soc. 36: 47-52. 1923.

Bragdon, K.E.

The factors for obtaining successful results in spraying and dusting. Proc.Florida State Hort. Soc. 36: 162-164. 1923.

Burger, O.F.

The control of melanose of citrus fruits. Proc. Florida State Hort. Soc. 36: 171-176. 1923.

Fairchild, David.

What the Chapman field plant introduction garden can do for tropical horticulture. Proc. Florida State Hort.Soc. 36: 40-46. 1923.

Goodwin, R.L.

Open culture of red Spanish pineapples. Proc. Florida State Hort. Soc. 36: 62-64. 1923.

Harris, T.J.

Bananas. Proc.Florida State Hort. Soc. 36: 53-61. 1923.

Lord, E.L.

Grape diseases. Proc. Florida State Hort.Soc. 36: 98-101. 1923.

Newell, Wilmon.

Serious aspects of the present quarantine situation Proc. Florida State Hort.Soc. 36: 140-143. 1923.

Phipps, W.H.

The dusting of citrus trees in Florida. Proc. Florida State Hort.Soc. 36: 165-167. 1923.

Robinson, T.R.

Safeguarding the introduction of citrus plants through improved quarantine methods. Proc. Florida State Hort.Soc. 36: 26-32. 1923.

Shear, C.L.

Grape diseases in Florida. Proc. Florida State Hort. Soc. 36: 102-103. 1923.

Proc. Florida State Hort. Soc. (cont.)

Stirling, Frank.

Some unique ideas in spraying equipment. Proc. Florida State Hort. Soc. 36:133-135. 1923.

Waldron, Max.

Effect of lightning on citrus. Proc. Florida State Hort. Soc. 36: 168-170. 1923.

Winston, J.R.

A preliminary report on the control of stem-end rot of citrus fruits by the removal of stems during the coloring process. Proc. Florida State Hort. Soc. 36: 177-179. 1923.

Proc. N.Y. State Hort. Soc.

Massey, L.M. & Fitch, H.W.

Some results of dusting experiments for apple scab and for peach leaf curl in 1921-1922. Proc. N.Y. State Hort. Soc. 68: 42-60. 1923.

Rankin, W. H.

Raspberry mosaic and mosaic-free planting stock. Proc. N.Y. State Hort. Soc. 68: 272-280. 1923.

Stewart, F.C.

Fruit disease problems of today. Proc. N.Y. State Hort. Soc. 68: 61-69. 1923.

Prog. Agr. & Vitic.

Moreau, L. & Vinet, E.

L'apoplexie de la vigne. Progr. Agr. & Vitic. 81: 109-110. F.3, 1924. no.5.

Rep. Canad. Arctic Exp.

Canadian arctic expedition 1913-18.

Report v. IV: Botany. 1923.

Pt. C. Fungi, by J. Dearness.

Rep. Dept. Agr. Ceylon.

Petch, Thomas.

Report on the work of the Division of botany and mycology. Rep. Dept. Agr. Ceylon 1922. D 17-D 18. 1923.

Rep. Dominion Bot. Canada.

Güssow, H. T.

Report of the dominion botanist for the year 1922. (Apr.-Dec.) 74 p. illus. 1923.

Rev. Agr. Ile Maurice.

Bijoux, F.

Quelques notes sur les plantes textiles introduites à Maurice. Rev. Agr. Ile Maurice. no.12. p.327-329. N.-D. 1923.

Emmerez de Charmoy, D d'.

Mode de transmission de la mosaïque de la canne à sucre. Rev. Agr. Ile Maurice. no.12. p.340-341. N.-D. 1923.

O'Connor, C. A.

Les plantes cléistogames. Rev. Agr. Ile Maurice. no.12. p.323-324. N.-D. 1923.

Shepperd, E.F.S.

Les maladies mosaïques des plantes. Rev. Agr. Ile Maurice. no.12. p.332-335. N.-D. 1923.

Sornay, P. de.

Plantes utiles. Rev. Agr. Ile Maurice. no.12. p.316-320. N.-D. 1923.

Rev. Agr. Puerto Rico.

Kramer, W.P.

La Casuarina. Rev. Agr. Puerto Rico. 12: 15-16.
Ja. 1924. no.1.

Rosenfeld, A. H.

Aspecto beneficioso del matizado de la caña de
azúcar. Reflexiones históricas - y una profecía.
Rev. Agr. Puerto Rico. 12: 7-14. Ja. 1924. no.1.

Rev. Bot Appl.

Beille,

La patate douce dans le sud-ouest de la France.
Rev. Bot. Appl. 3: 818-822. D. 1923. no.28.

Chevalier, Auguste.

Etat actuel de la question cotonnière dans les
colonies françaises. Rev. Bot. Appl. 3: 793-818.
D. 1923. no.28.

Chevalier, Auguste.

Un palmier ornemental d'Indochine: Phoenix
roebelenii. Rev. Bot. Appl. 3: 837-839.
D. 1923. no.28.

Husnot, T.

Principales plantes fourragères vivant dans
les prairies naturelles de Normandie. Rev. Bot.
Appl. 3: 822-831. D. 1923. no.28.

Rev. Bretonne Bot.

Daniel, Lucien.

Fruits monstrueux de Crataegomespilus. Rev.
Bretonne Bot. 1923. p.94-95.

Daniel, Lucien.

Nouvelles recherches sur la migration de l'inuline
chez les hélianthées greffées. Rev. Bretonne Bot.
1923. p.1-63. illus. pl.v-xxxiv.

Daniel, Lucien.

Recherches sur la flores d'Erquy et l'influence
du climat marin sur la végétation. Rev. Bretonne
Bot. (cont.) 1923. p.79-85.

Rev. Vitic.

Beckerich, Abel.

Les bouillies sulfocalciques dans la defence
des vignobles et des vergers en 1923. Rev. Vitic.
60: 89-95. Ja.31, 1924. no.1544.

Rhodora.

Fernald, M.L. & Wiegand, K.M.

Notes on some plants of the Ontario and St.
Lawrence basins, New York. Rhodora. 25: 205-214.
D.1923. no.300.

Knowlton, C. H.

Butomus umbellatus on the St. Lawrence River.
Rhodora. 25: 220-221. D. 1923. no.300.

Weir, J.R.

Fomes roseus (A. & S.) CKE. and Trametes subrosea
nom.novum. Rhodora. 25: 214-220. D. 1923. no.300.
Citations: p. 219-220.

Science.

Harris, J.A.

The E.W.D. Holway herbarium and library.
Science. 59: 139-140. F.8, 1924. no.1519.

Metcalf, Z.P.

Laboratory apparatus and methods. A conventional
scheme for teaching cell division (mitosis) Science.
59: 165-166. illus. F.15, 1924. no.1520.

Scofield, C.S.

Reclaiming alkali soils. Science. 59: 144-145.
F.8, 1924. no.1519.

Trelease, S.F. & Livingston, B. E.

The relation of climatic conditions to the salt-
proportion requirements of plants in solution cultures.
Science. 59: 168-172. F.15, 1924. no.1520.

Sitzungsb. Akad. Wissensch. Wien. Math.-Naturw. Kl. Abt. I.

Kisser, Josef.

Histochemische untersuchung einiger flavon-
führender farbhölzer. Sitzungsb. Akad. Wissensch.
Wien. Math.-Naturw. Kl. Abt. I. 132: 19-33. 1923.
no.1/3.

Leitmeier, -Bennesch, Bertha.

Beiträge zur anatomie des griffels. Sitzungsb.
Akad. Wissensch. Wien. Math.-Naturw. Kl. Abt. I. 132: 339-
356. illus., plate. 1923. no.1/3.

Oppenheimer, Heinz.

Das unterbleiben der keimung in den behältern der
mutterpflanze. Sitzungsb. Akad. Wissensch. Wien.
Math.-Naturw. Kl. Abt. I. 132: 279-312. plate. 1923.
no.1/3.

So. African Gard.

W , H. H.

Notes on some of the less known bulbous plants.
I- So. African Gard. v.14, no.1. p.11-12.
illus. Ja. 1924.
I. The Calochortus.

Tidsskr. Planteavl.

Larsen, H. C.

Statens forsgsvirksomhed i plantekultur, dens
organisation og administration. En historisk over-
sigt 25 aar efter statens planteavlsudvalgs nedsae
nedsaettelse. Tidsskr. Planteavl. 30: 1-176.
illus., ports. 1924. no.1.

English summary: The state experimental department
for plant culture, its organization and administration...:
p.127-176.

Statens plantepatologiske forsg: p. 66-77.

Tree Talk.

Bartlett, F. A.

Smoke injury to trees. Tree Talk. v.5, no.4.
p.21. 1924.

Collins, J.F.

Tree surgery. Tree Talk. v.5, no.4. p.24-
25. illus. 1924.

From Farmers Bulletin, U.S. Dept. Agr., 1178.

Dodge, A.W.

Diagnosing shade tree diseases. Tree Talk.
v.5, no.3. p.7-9, 30. illus. 1923.

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

Tree Talk (cont.)

Dodge, A.W.
Storm damaged trees. Tree Talk. v.5, no.4.
p.7-10. illus. 1924.

European black canker (*Dothichiza populea*.)
Tree Talk. v.5, no.3. p.23. illus. 1923.

Insects and fungus diseases which should be
controlled during the dormant season. Tree Talk.
v.5, no.4. p.26-27. 1924.

Vaughan, Ira.
Sick trees saved. Tree Talk. v.5, no.3.
p.14-18. illus. 1923.

Wild, Henry.
Climbing hydrangea (*Schizopragma hydrangeoides*)
Tree Talk. v.5, no.3. p.10-11. illus. 1923.

U.S. Dept. Agr. Bull.

Moir, W.S.
White-pine blister rust in Western Europe.
U.S. Dept. Agr. Bull. 1186. 32 p. illus. F.8,
1924.
Literature cited: p. 29-31.

U.S. Dept. Agr. Circ.

Leighty, C.E.
Electrochemical treatment of seed wheat.
U.S. Dept. Agr. Circ. 305. 7 p. illus. F. 1924.
Literature cited: p. 7.

Swingle, W.T., Robinson, T.R. & May, Eugene.
Quarantine procedure to safeguard the introduction
of citrus plants: A system of aseptic plant propagation.
U.S. Dept. Agr. Circ. 299. 15 p. illus. Ja. 1924.

Univ. Calif. Publ. Agr. Sci.

Theron, J. J.
Influence of reaction on inter-relations between
the plant and its culture medium. Univ. Calif. Publ.
Agr. Sci. 4: 413-444. Ja.24, 1924. no.14.
Literature cited: p. 435-436, 444.

Univ. Calif. Publ. Bot.

Vainio, E.A.
Lichenes A.W.A. Setchelli et H.E. Parks in
insula Tahiti a 1922 collecti. Univ. Calif. Publ.
Bot. 12: 1-15. Ja. 1924. no.1.

Zeitschr. Pflanzenernähr. u. Düng. B.Wirtsch.Prakt.Teil.

Boas, Friedrich & Merckenschlager, F.
Aeltere berichte zur physiologie der lupine und
ihre kolloidchemische deutung. Zeitschr. Pflanzemer-
nähr. u. Düng. 2: 562-565. 1923. no.12.
Literatur: p. 565.

Exper. Stat. Publ.

Rosa, J. T.
Tomato production in California. California.
Agr. Exp. Stat. 263. 19 p. illus. My, 1923.
(Rec'd 1.1924)

Exper. Stat. Publ. (cont.)

Bailey, D.L.

Sunflower rust. Minnesota Agr. Exp. Stat.
Techn. Bull. 16. 32 p. pl.i-iii. Ag.1923 (Rec'd.
F.1924)

Literature cited: p.31.

Barss, H. P.

Brown-rot and related diseases of stone fruits
in Oregon Oregon Agr. Exp. Stat. Circ. 53. 18 p.
illus. D. 1923.

Related troubles: false brown-rot or internal
browning; blossom and spur blight; *Monilia oregonensis*.

Harvey, E.M.

A study of growth in summer shoots of the apple
with special consideration of the role of carbo-
hydrates and nitrogen. Oregon Agr. Exp. Stat.
Stat. Bull. 200. 51 p. illus. D. 1923.

Literature cited: p. 51.

Kuntz, P. R.

Estudio comparativo de las cañas kavangire,
zunga y cayanna 10. Circ. Porto Rico Ins. Exp.
Stat. 73. 11 p. illus. N. 1923.

Toro, R. A.

Una enfermedad importante de las cebollas en
Puerto Rico. Circ. Porto Rico Ins. Exp. Stat.
71. 6 p. illus. 1923.

Bibliografía: p. 6.

Macrosporium parasiticum.

Geise, F.W.

Experiments with inoculated sulphur, preliminary
report. Virginia Truck Exp. Stat. Bull. 42. p.259-
263. Ja. 1923 (Rec'd F. 1924)

Zimmerly, H. H. & Spencer, Herbert.

Hot water treatment for nematode control.
Virginia Truck Exp. Stat. Bull. 43. p.267-278. illus.
Ap.1923 (Rec'd F. 1924)

New Books.

Bishop, S.C.

A scientific survey of Turners Lake, Isle-au-
Haut, Maine, made by Sherman C. Bishop and Noah T.
Clarke, 1922. Albany, 1923.

Plants, determined by H.D. House, reviewed
and checked by N.T. Kidder...p.12-15.

Blaringhem, Louis.

Pastuer et le transformism. Paris, Masson
1923.

Ideta, Arata.

Supplement to handbook of the plant-diseases.
Tokyo, 1923.
v.1.

Jackson, B.D.

Linnaeus... The story of his life, adapted from
the Swedish of Theodor Magnus Fries... and brought down
to the present time in the light of recent research.
London, H.F. & G. Witherby, 1923.

(1110)

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

New Books (cont.)

Rigg, G.B.

The pharmacists' botany. N.Y. Macmillan,
1924.

ERRATA

In list 128, please change Philipp. Journ. Sci. to read Philipp. Agr. Rev.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 130
Feb. 25, - Mar. 8, 1924.

Agr. Gaz. N. S. W.

Birmingham, W. A.

Sclerotinia rot of passion vine. Agr. Gaz.
N.S.W. 35: 57-58. Ja. 1924, no.1.

Darnell-Smith, G. P.

Copper carbonate and the removal of bunt balls
from seed wheat. Agr. Gaz. N.S.W. 35: 11-12.
Ja. 1924. no.1.

Pridham, J. T.

Control of wheat diseases by the farmer. Agr.
Gaz. N.S.W. 35: 13-14. Ja. 1924. no. 1.

Agr. Journ. India.

Ajrekar, S. L.

The problem of potato storage in Western India.
Agr. Journ. India. 19: 35-44. Ja. 1924. no. 1.

Brown, W. R.

Kikuyu (*Pennisetum clandestinum*): a new pasture
grass for India. Agr. Journ. India. 19: 32-34.
pl. iv. Ja. 1924. no. 1.

Graham, R. J. & Roy, S. C.

Linseed (*Linum usitatissimum*) hybrids. Agr.
Journ. India. 19: 28-31. Ja. 1924. no. 1.

S harngapani, S. G.

A few observations on paddy (*Oryza sativa*)
crossing. Agr. Journ. India. 19: 48-50. Illus.
Ja. 1924. no. 1.

Sundararaman, S.

Bud-rot of coconuts caused by *Phytophthora palmi-*
vora. Agr. Journ. India. 19: 34-35. Ja. 1924.
no. 1.

Amer. For. & For. Life.

Hansen, A. A.

Poison in the woods. The strange story of white
snakeroot, which science has finally found guilty
of causing many mysterious deaths. Amer. For. &
For. Life. 30: 163-164, 190-191. illus. Mr. 1924.
no. 363.

Putney, W. K.

Strange stories about trees. Amer. For. & For.
Life. 30: 169. Mr. 1924. no. 363.

Amer. Fruit Grow. Mag.

Alderman, W. H.

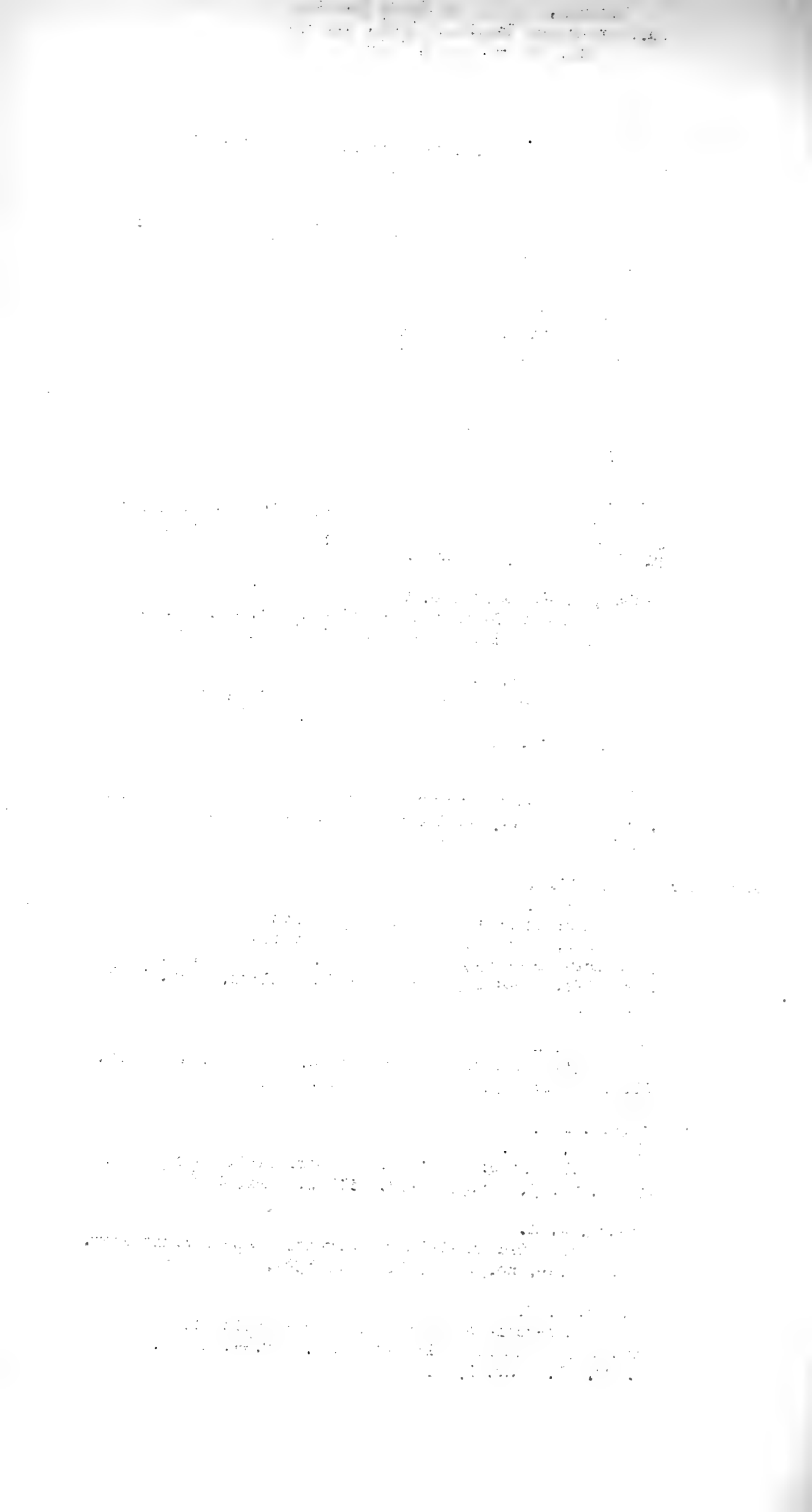
The art of grafting. Amer. Fruit Grow. Mag.
v. 44, no. 3. p.3, 16-17. illus. Mr. 1924.

French, W. A.

The wild huckleberry harvest. Amer. Fruit Grow.
Mag. v.44, no.3. p.21. Mr. 1924.

Rhoads, A. S.

Sun-scale of grapes and its relation to summer
pruning. Amer. Fruit Grow. Mag. v.44, no. 3.
p. 20, 47. Mr. 1924.



Amer. Fruit Grow. Mag. (cont.)

Schoonover, W. R.

Frost protection for California citrus orchards.

Amer. Fruit Grow. Mag. v.44, no.3. p.10, 12. illus.

Mr. 1924.

Amer. Jour. Pharm.

Newcomb, E. L.

Plant science laboratory seminar. (Botany -
Pharmacognosy - Plant chemistry - Pharmacology)

Amer. Journ. Pharm. 96: 80-114. port. F. 1924.

no. 2.

Held at Univ. Minn., Minneapolis, Ag. 20-25,

1923.

Amer. Jour. Sci.

Holm, Theodore.

Polypremum procumbens L. A morphological study

Amer. Journ. Sci. V. 7: 210-218. illus. Mr. 1924.

no. 39.

Bibliography: 217-218.

Amer. Nat.

Belling, John & Blakeslee, A.F.

The distribution of chromosomes in tetraploid

Daturas. Amer. Nat. 58: 60-70. illus. Ja.-F.

1924. no. 654.

Literature cited: p. 69-70.

Amer. Nut Journ.

Smith, C. O.

Recent investigations of walnut blight. Amer.

Nut Journ. 20: 22. illus. F. 1924. no. 2.

Ann. Bolus Herb.

Novitates africanæ.

Ann. Bolus Herb. 3:

159-184. pl. vii-ix.

S. 1923. no. 4.

Ann. Ist. Sup. For. Naz. Firenze.

Piccioni, Lodovico.

L' "infelix Lolium."

Ann. Ist. Sup. For.

Naz. Firenze. 8: 81-102. illus. 1923.

Bibliografia: p. 100-102.

Ann. Missouri Bot. Gard.

Gamp, A. F.

Citric acid as a source of carbon for certain
citrus fruit-destroying fungi. Ann. Missouri

Bot. Gard. 10: 213-298. pl. 14. S. 1923.

no. 3.

Bibliography: p. 294-298.

Duggar, B.M. & Armstrong, J.K.

Indications respecting the nature of the
infective particles in the mosaic disease of

tobacco. Ann. Missouri Bot. Gard. 10: 191-212.

S. 1923.

Bibliography: p. 210-212.

Ann. Parasit. Humaine et Comp.

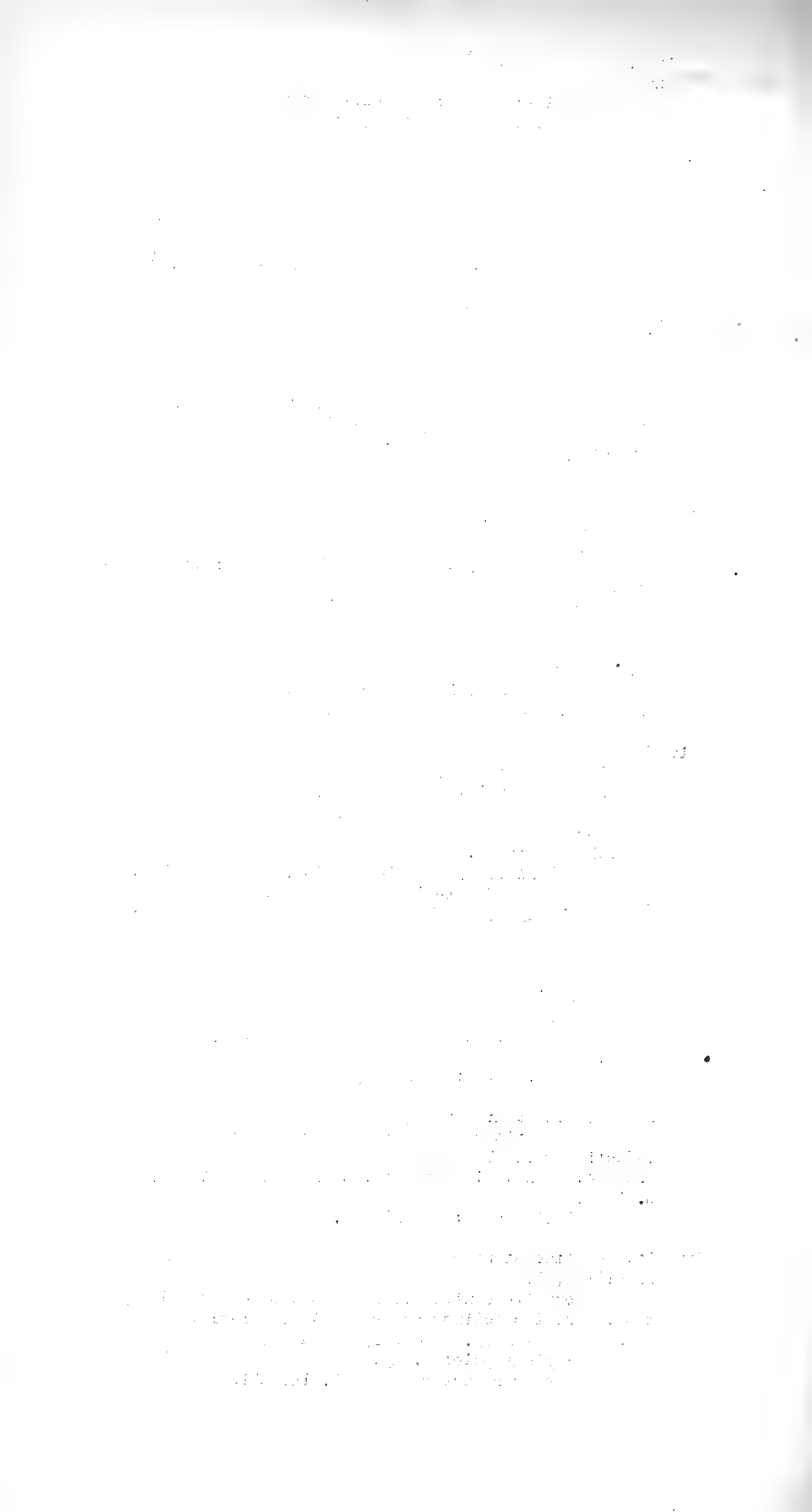
Lignières, J.

Nouvelle contribution a l'etude des champignons
produisant les actinomycoses. Ann. Parasit. Humaine

et Comp. 2: 1-25. Ja. 1924. no. 1.

Bibliographie: p. 25.

Brevistreptothrix n.g. B. israëli.



Ann. Parasit. Humaine et Comp. (cont.)

Ots, Masao.

Essai de classification des blastomycètes pathogènes. Ann. Parasit. Humaine et Comp.

2: 34-61. Ja. 1924. no. 1.

Bibliographie: p. 61.

Debaryomyces brunieri n.sp.

Ann. Univ. Stellenbosch

Van der Byl, P. A.

Suid-Afrikaanse Decryomycetaceae, Tremellaceae, en Auriculariaceae. Ann. Univ. Stellenbosch.

v.1, A, no. 3. 14 p. illus. S. 1923.

Summary in English: p. 11.

Ber. Deut. Bot. Ges.

Jahn, Eduard.

Myxomycetenstudien. XI. Beobachtungen über seltene arten. Ber. Deut. Bot. Ges. 41: 390-

396. illus. Ja. 1924. no. 10.

Literatur: p. 393, 396.

Söding, H.

Werden von der spitze der haferkoleoptile wuchshormone gebildet? Ber. Deut. Bot. Ges. 41: 396-400.

Ja. 1924. no. 10.

Literatur: p. 400.

Tobler, Friedrich.

Vorkommen und abbau von flechtenstärke.

Ber. Deut. Bot. Ges. 41: 406-409. Ja. 1924.

no. 10.

Weisse, Arthur.

Blattstellungsstudien an Cercidophyllum japonicum. II. Die blütensprosse. Ber. Deut.

Bot. Ges. 41: 381-385. Ja. 1924. no. 10.

Literaturverzeichnis: p. 384-385.

Zimmermann, Albrecht.

Zur physiologischen anatomie des trachealen systemes. I- Ber. Deut. Bot. Ges. 41: 401-406.

illus. Ja. 1924. no. 10.

Literaturverzeichnis: p. 406.

Biochem. Zeitschr.

Kahho, Hugo.

Ueber die einwirkung von säuren auf die hitze-gerinnung des pflanzenplasmas. Biochem. Zeitschr.

144: 104-114. Ja. 1924. no. 1/2.

Bol. Soc. Nac. Agr. Chile.

Riesle, Roberto

Algunas enfermedades no parasitarias de los arboles frutales. Bol. Soc. Nac. Agr. Chile. 55:

27-29. Ja. 1924. no. 1.

El plateado de las hojas - plomo o silver leaf, - La enfermedad parda de los manzanos. - El seur sap (savia agria)

Boll. Assoc. Ital. Pianta Med.

Fioravanti, Mario.

Herba equiseti. Boll. Assoc. Ital. Pianta Med. 7: 7-9. Ja. 1924. no. 1.

Pagliani, L.

L'Agave sisalana. Boll. Assoc. Ital. Pianta Med. 6: 159-161. S. 1923. no. 9.

Boll. Assoc. Ital. Piante Med. (cont.)

Pagliani, L.

L'Angelica. Boll. Assoc. Ital. Piante. Med.
6: 202-203. N. 1923. no. 11.

Trotter, Alessandro.

L'uso medicinale delle cortecce di Prunus
cocumilia Den. Boll. Assoc. Ital. Piante Med.
6: 220-223. D. 1923. no. 12.

Boll. Inform. Econ. Min. Colon. Italy.

Cillis, Emanuele de.

Saggio di "Fenicigrafia libica." Studi sopra
alcune razze di palma da datteri coltivate in
Tripolitania. Boll. Inform. Econ. Min. Colon.
Italy. 11: 733-819. illus. 1923. no. 6.

Bot. Arch.

Ahrns, Walther.

Weitere untersuchungen über die abhängigkeit
des gegenseitigen mengenverhältnisses der kohlenhydrate
im laubblatt vom wassergehalt. Bot. Arch. 5: 234-
259. F. 1924. no. 3/4.
Literatur-verweise: p. 258.

Jedwabnick, Elisabeth.

Eragrostidis specierum imprimis ad herb. Berol.,
Hamburg., Monac., Regimont. digestarum conspectus.
Bot. Arch. 5: 177-216. F. 1924. no. 3/4.

Klett, Wolfgang.

Umfang und inhalt der familie der loganiaceen.
Bot. Arch. 5: 312-338. F. 1924. no. 3/4.
Literatur-verweise: p. 338.

Lindemann, Erich.

Peridineen aus dem Goldenen Horn und dem Bosporus.
Bot. Arch. 5: 216-233. illus. F. 1924. no. 3/4.
Wichtigste literatur: p. 233.

Schmidt, Alfred.

Ueber die chlorophyllbildung im koniferenembryo.
Bot. Arch. 5: 260-282. F. 1924. no. 3/4.
Literatur: p. 278.

Steinecke, Fr.

Die algen des Betula-nana - moors bei Neu-Linum.
Bot. Arch. 5: 339-344. illus. F. 1924. no. 3/4.
Literatur-verweise: p. 344.

Weissflog, Johannes.

Leben und lebensdauer in den reservestoffbe-
hältern keimender samen. Bot. Arch. 5: 283-312.
F. 1924. no. 3/4.
Literaturverzeichnis: p. 311-312.

Bot. Jahrb. Engl.

Alechin, W.

Assoziationskomplexe und bildung ökologischer
assoziationsreihen. Bot. Jahrb. Engl. 59: 30-
40. Ja. 1924. no. 1.

Bot. Jahrb. Engl. (cont.)

Diels, Ludwig.

Beiträge zur flora von Mikronesien und Polynesien III. Bot. Jahrb. Engl. 59: 1-29. illus. Ja. 1924. no. 1.

1. *Digitaria marianensis*, Von C. Mez. 2.

Beiträge zur cyperaceen-flora von Mikronesien.

Von G. Kükenthal. 3. Neue palmen Mikronesiens. Von O. Beccari. 4. Die connaraceen von Mikronesien. Von Gustav Schellenberg. 5. Eine neue icacinacee von den Palau-Inseln. Von Gustav Schellenberg. 6. Die guttiferen Mikronesiens. Von C. Lauterbach. 7. Die Verbenaceae von Mikronesien. Von H. J. Lam.

Lauterbach, C. A. G.

Beiträge zur flora von Papuasien XI. Bot. Jahrb. Engl. 59: 41-128. illus. Ja. 1924. no. 1.

91. Beiträge zur cyperaceen-flora von Papuasien. Von G. Kükenthal. 92. Die eichen Neu-Guineas. Von Fr. Markgraf. 93. Die aquifoliaceen Papuasien. Von Th. Loesener. 94. Convolvulaceae novoguineenses. Von R. Pilger. 95. Verbenaceae der flora von Papuasien. Von H. J. Lam. 96. Die scrophulariaceen papuasien. Von R. Schlechter. 97. Die Santalaceae von Neu-Guinea. Von R. Pilger.

Pax, Ferdinand.

Die phylogenie der Euphorbiaceae. Bot. Jahrb. Engl. 59: 129-176. Ja. 1924. no. 1.

Bot. Mag. Tokyo.

Honda, Masaji.

Revisio graminum Japoniae III. Bot. Mag. Tokyo. 37: 113-124. Jl.-D. 1923. no. 439-444.

Miscanthus flavidus, *M. matsudae*, *Eriochloa hackelii*.

Ikari, Jiro.

On the nuclear and cell division of a plankton-diatom *Coscinodiscus subbuliens*, Jörgensen. (Preliminary note) Bot. Mag. Tokyo. 37: 96-108. illus. pl. iii-iv. Jl.-D. 1923. no. 439-444. Literatures consulted: p. 106.

Kihara, Hitoshi. & Ono, Tomowo.

Cytological studies on *Rumex* L. II. On the relation of chromosome number and sexes in *Rumex acetosa* L. Bot. Mag. Tokyo. 37: (147)-(149). Je. 1923. no. 438.

English résumé: p. 86.

Nakai, Takenoshin.

Notulae ad plantas Japoniae et Coreae. XXX. Bot. Mag. Tokyo. 37: 69-82. My. 1923. no. 437.

Asparagus verrucosus, *Lespedeza homoloba*, *L. maritima*, *L. melanantha*, *L. patens*, *Plectranthus lanceus*, *Eurya minima*, *N. sp.*

Ohga, Ichiro.

On the longevity of seeds of *Nelumbo nucifera*. Bot. Mag. Tokyo. 37: 87-95. illus. Jl.-D. 1923. no. 439-444.

Literature cited: p. 95.



Bot. Mag. Tokyo. (cont.)

Saito, Kendo.

Beschreibung von zwei neuen hefearten, nebst bemerkungen über die sporenbildung bei *Torulasporea delbrückii*, Lindner. Bot. Mag. Tokyo. 37: 63-66. illus. My. 1923. no. 437.

Zygosaccharomyces mongolicus, *Torulasporea fermentati*, n. sp.

Tahara, Masao.

Keimentwicklung von *Sargassum* (Vorläufige mitteilung.) Bot. Mag. Tokyo. 37: (159)-(161) Jl.-D. 1923. no. 439-444.

In Japanese.

German résumé: p. 131.

Takamine, Noboru.

On the effect of ultraviolet rays upon nuclear divisions of plants. Bot. Mag. Tokyo. 37: 109-112, pl. v. Jl.-D. 1923. no. 439-444.

Literature cited: p. 111-112.

Also in Japanese.

Takenouchi, Makoto.

On the change of vegetation of the Tarumai volcanic range. Bot. Mag. Tokyo. 37: (161)-(181) illus. Jl.-D. 1923. no. 439-444.

In Japanese.

"Literature." P. (180)-(181)

English résumé: p. 131.

Tokugawa, Yoshichika, & Emoto, Yoshikadzu.

Ueber einen kurz nach der letzten feuersbrunst plötzlich entwickelten schimmelpilz (Vorläufige mitteilung) Bot. Mag. Tokyo. 37: (185)-(192).

illus., plate. Jl.-D. 1923. no. 439-444.

German résumé: p. 131-132.

Yasuda, Atsushi.

Eine neue art von *Hypoxylon*. Bot. Mag. Tokyo. 37: 67-68. illus. My. 1923. no. 437.

Hypoxylon viride, n. sp.

Yasuda, Atsushi.

Vier neue arten der basidiomyceten. Bot. Mag. Tokyo. 37: 125-130. illus. Jl.-D. 1923. no. 439-444.

Stereum roseum, *Polyporus* (*Amaurodermus*) *sendaiensis*, *Daedalea dickinsii*, *Lycoperdon bispinosum*, n. sp.

Yasuda, Atsushi.

Zwei neue arten von *Trametes*. Bot. Mag. Tokyo. 37: 83-85. illus. Je. 1923. no. 438.

Bull. Inst. Sci. & Ind. Australia.

Australia, Institute of science and industry. Seed improvement committee.

A classification and detailed description of the more important wheats of Australia... Melbourne, A.J. Mullett, govt. printer, 1923.

72 p. 5 pl. (1 col.) 24cm. (Commonwealth of Australia, Institute of science and industry. Bulletin no.26)

Revision and ext. of Bull. no. 18.

Bull. Mat. Grass. Inst. Colon. Marseille.

Baillaud, Emile.

L'organisation des études sur les oléagineux
en Afrique occidentale. Bull. Mat. Grass Inst.
Marseille. 1923, no.11/12. p. 381-395.

Chevalier, Auguste.

Sur l'adultération des arachides du Sénégal
par les graines du Baobab. Bull. Mat. Grass.
Inst. Marseille. 1923. no.11/12. p. 402-403.

Bull. Ontario Dept. Agr.

Stone, R. E.

Common edible and poisonous mushrooms of Ontario.
Bull. Ontario Dept. Agr. 303. 48 p. illus. D.1923.
Literature: p. 42.
Literature on growing mushrooms: p. 45.
Rev. edition of no. 263.

Bull. Sci. Pharm.

Juillet, Armand. & Dalmier, E.

Anatomie du capitule de *Fyrethrum cinerari-*
folium Trev. Localisation des appareils sécréteurs.
Bull. Sci. Pharm. 31: 9-24. Ja. 1924. no. 1.

Wallner, R.

La culture de plantes médicinales en Esthonie,
Bull. Sci. Pharm. 31: 12. Ja. 1924. no. 1.

Bull. Soc. Dendrol. France.

Camus, Aimée.

Sur l'habitat des bambous. Bull. Soc. Dendrol.
France. no. 50. p. 16-19, F. 1924.

Hickel, Robert.

Note sur une forme de *Castanea* (*C. prolifera*)
Bull. Soc. Dendrol. France. no. 50. p. 20-21.
F. 1924.

Pardé, Leon.

Trois espèces du genre *Picea* a réunir en une
seule. Bull. Soc. Dendrol. France. no. 50.
p. 22-23. F. 1924.

Calif. Citrogr.

Hawkins, L. A.

Investigations on the freezing of citrus fruits
on trees. Calif. Citrogr. 9: 163. illus. Mr.
1924. no. 5.

Katsprowsky, Sam.

Physiological troubles of citrus, their possible
cause and control. Calif. Citrogr. 9: 176, 193-
194. Mr. 1924. no. 5.

Canad. Hort.

Shoemaker, J. S.

Temperature and moisture in relation to hardiness
Canad. Hort. 47: 4. Ja. 1924. no. 1.

Compt. Rend. Acad. Agr. France.

Noffray, E.

La rouille hétéroïque des légumineuses. Compt.
Rend. Acad. Agr. France. 10: 140-141. F. 6,
1924. no. 5.

"*Euphorbia cyprés*, plante nourricière" for
rusts attacking leguminous plantes.

Compt. Rend. Acad. Agr. France. (cont.)

Viala, Pierre.

Le Court-noué. Compt. Rend. Acad. Agr. France.
10: 135-138. F. 6, 1924. no. 5.

Compt. Rend. Acad. Sci. France.

Bach,

Variations de la concentration en ions hydrogène
sous l'influence de l'assimilation des nitrates par
l'*Aspergillus repens* De Bary. Compt. Rend. Acad.
Sci. Paris. 178: 520-522. Ja. 28, 1924. no. 5.

Cerighelli, Raoul.

Sur le quotient respiratoire de la racine et
ses variations au cours du développement de la plante.
Compt. Rend. Acad. Sci. Paris. 178: 645-647. F. 11,
1924. no. 7.

Hée, A.

L'intensité respiratoire des végétaux obéit-elle
à la loi des surfaces. Compt. Rend. Acad. Sci. Paris.
178: 589-591. F. 4, 1924. no. 6.

Michel-Durand, Emile.

De l'état des tannins dans la cellule végétale.
Compt. Rend. Acad. Sci. Paris. 178: 586-589. F. 4,
1924. no. 6.

Rosén, D.

Quelques remarques sur la couleur des sépales
chez l'*Anemone hepatica* L. Compt. Rend. Acad.
Sci. Paris. 178: 648-649. F. 11, 1924. no. 7.

Comp. Rend. Soc. Biol. Paris.

Nihous,

Remarques sur l'évolution du nucléole dans les
noyaux diploïdiques de quelques euphorbiacées et
buxacées. Compt. Rend. Soc. Biol. Paris. 90:
215-217. F. 1924. no. 3.

Petrescu, C.

Contribution à l'étude biologique de la flore
de Moldavie. Compt. Rend. Soc. Biol. Paris. 90:
320-322. F. 3, 1924. no. 4.

Country Life.

Hampton, F. A.

The periwinkle. Country Life. 55: 254.
F. 16, 1924. no. 1415.

Wilson, E. H.

The Magnolias. II. Country Life. 55: 252-
253. illus. F. 16, 1924. no. 1415.

Country Life. America.

Huntington, A. F.

The garden's most gorgeous flower - the dahlia.
Country Life Amer. v. 45, no. 5. p. 53-55. illus.
Mr. 1924.

Cuba. Estac. Exp. Agron. Bol.

Calvino, Mario.

Quinientas toneladas anuales de forraje fresco
mediante la yerba elefante de *Rhodesia* (*Pennisetum*
purpureum, Schum.) Cuba Estac. Exp. Agron. Bol.
no. 50. 40.p. illus. N. 1922 (1923)

Defensa Agr. Uruguay.

El cancer del perai. Defensa Agricola Uruguay.
v.5, no.1. p. 25-26. illus. Ja. 1924.
Monilia sp.

Desarrolla de las enfermedades de origen
criptogamico en la uva, durante la presente
estacion. Defensa Agricola, Uruguay. v.5, no. 1.
p.1-3. illus. Ja. 1924. no. 1.

La enfermedad de la hoja del tomate. Indicaciones
para combatirla. Defensa Agricola Uruguay. v.5,
no. 1. p. 17-23. illus. Ja. 1924.

La gomosis del limón. Defensa Agricola Uruguay.
v.5, no. 1. p.3-5. illus. Ja. 1924.

Deut. Landw. Presse.

Müller, Hans Carl & Molz, E.
Ueber die ertragreiche wirkung von beizmitteln.
Deut. Landw. Presse. 51: 27. Ja. 26, 1924. no. 4.

Floralia.

Schenk, P. J.
Kanker van Canada-populier. Floralia. 45: 89.
illus. F.8, 1924. no.6.

Schenk, P.J.
Ziekten van Delphinium en Phlox. Floralia.
45: 110-111. illus. F.15, 1924. no.7.

Florida Grow.

Ryerson, Knowles.
The recovery of the avocado tree after the
1922 freeze in California. Florida Grow. v.29,
no. 9. p.6-7 illus. Mr. 1, 1924, no.9.

Flow. Grow.

Kelly, J. B.
The physical basis of heredity. Dominant and
recessive characteristics: How they arise and how
they work. Flow. Grow. 11: 82-83. illus.
Mr. 1924. no.3.

Optimum temperatures for flower seed germination.
Flow. Grow. 11: 83. Mr. 1924. no.3.

Wilmore, W. W.
Dahlia surgery. Flow. Grow. 11: 94. illus.
Mr. 1924. no.3.

Fruit Flower & Veg. Trades Journ.

Shoults, E.S.
An account of some experiments in the production
of new varieties of tomatoes. Fruit, Flower & Veg.
Trades Journ. 45: 166-169. illus. F.16, 1924. no.7.

Garden.

Bean, W.J.
Trees and shrubs. I- Garden. 88: 79-81
illus. F.16, 1924. no.2726.
I.-Flowering shrubs for a moderate-sized
garden.

Irving, Walter.
Dwarf-growing Veronicas for the rock garden.
Garden. 88: 65-67. illus. F.9, 1924. no.2725.

Macself, A. J.
Weeds as host plants for insect and fungoid
pests. Garden. 88: 94. F.16, 1924. no.2726.

Gard. Mag.

Eldredge, A. G.

A rock garden in the prairie region. Gard.
Mag. 39: 30-32. illus. Mr. 1924. no. 1.
At the University of Illinois.

Hamblin, S. F.

Rock gardens natural and naturalistic. Gard.
Mag. 39: 33. Mr. 1924. no.1.

Gard. Chron.

Elliott, Clarence.

Hybridization of Berberis. Gard. Chron.
III, 75: 80. F.9, 1924. no.1937.

Holmes, E. M.

Loss of fragrance in the musk plant. Gard.
Chron. III, 75: 78-79. F.9, 1924. no.1937.

Macself, A. J.

Spraying failures. Gard. Chron. III, 75:
80. F.9, 1924. no.1937.

Roberts, William.

An eighteenth century American seed list.
Gard. Chron. III, 75: 92. F.16, 1924. no. 1938.

Ruse, L.

Litsea citrata. Gard. Chron. III, 75: 79.
illus. F.9, 1924. no. 1937.

Sprague, T. A.

Principles of nomenclature. Gard. Chron.
III, 75: 92-93. F.16, 1924. no. 1938.

Gard. Chron. Amer.

Clute, W.N.

The adjustments of plants. Gard. Chron.
Amer. 28: 50. F. 1924. no.2.

Stewart, George F.

How to grow Adiantum farleyense. Gard.
Chron. Amer. 28: 41. F. 1924. no.2.

Gard. Illus.

Warner, H. H.

Scent and its influence on plant life. Gard.
Illus. 46: 85-86. F.9,1924. no.2344.

Genetics.

Demerec, M.

Inheritance of white seedlings in maize.
Genetics. 8: 561-585. N. 1923. no.6.
Literature cited: p. 585.

Sax, Karl.

The association of size differences with
seed-coat pattern and pigmentation in Phaseolus
vulgaris. Genetics. 8: 552-560. N. 1923.
no. 6.

Literature cited: p. 560.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and reducing the risk of errors.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It stresses the importance of implementing robust security measures to protect sensitive information and ensure compliance with relevant regulations.

5. The fifth part of the document provides a detailed overview of the data analysis process, from data cleaning and preprocessing to the final interpretation of results. It includes examples of common analytical techniques and their applications in various business contexts.

6. The sixth part of the document discusses the importance of data visualization in communicating complex information. It explores different types of charts and graphs and provides guidelines for creating clear and effective visual representations of data.

7. The seventh part of the document concludes by summarizing the key findings and recommendations. It emphasizes the need for a data-driven approach to decision-making and provides actionable insights for improving organizational performance.

Genetics (cont.)

Gerould, J. H.

Inheritance of white wing color, a sex-limited (sex-controlled) variation in yellow pierid butterflies. Genetics. 8: 495-551. N. 1923.
Literature cited: p. 550-551.

Taliaferro, W. H. & Huck, J. G.

The inheritance of sickle-cell anaemia in man, Genetics. 8: 594-598. N. 1923.
Literature cited: p. 598.

Hedwigia.

Ade, A.

Mykologische beiträge. Hedwigia. 64: 286-320. D.1923. no.5/6.
Describes many new species.

Anders, Jos.

Zur flechtenflora des Isergebirges. Hedwigia. 64: 256-267. D. 1923. no.5/6.

Bachmann, E.

Ueber das verhältnis der gonidien zum flechtenpilz. (cont.) Hedwigia. 64: 241-255. illus. D. 1923. no.5/6.

Van Oye, Paul.

Beitrag zur Myxophyceen-flora von Java. II. Hedwigia. 64: 268-285. D. 1923. no.5/6.

House and Gard.

Wilson, E. H.

The royalty of spring. For regal splendor, for brilliant, disturbing beauty, the crabapple, of all small trees, stands unexcelled. House & Gard. 45: 61-63, 116, 118. illus. Mr. 1924. no.3.

Istria Agr.

Bedini, R.

Trattamenti invernali alle piante fruttifere. Istria Agr. 4: 31-34. Ja. 31, 1924. no.2.

Calegari, M.

Le piante medicinali spontanee e coltivate. Istria Agr. 4: 57-62. F. 15, 1924. no. 1.

Journ. Agr. Prat.

Ducomet, Vital. & Foëx, Et.

Observations sur les rouilles des céréales. Journ. Agr. Prat. 41: 130-132. F. 16, 1924. no. 7.

Journ. Agr. Res.

Allen, R. F.

Cytological studies of infection of Baart, Kanred, and Mindum wheats by Puccinia graminis tritici forms III and XIX. Journ. Agr. Res. 26: 571-604. pl. 1-7. D.22, 1923. (Rec'd F. 1924) no.12.
Literature cited: p. 602-604.

Brooks, Charles, Cooley, J.S. & Fisher, D.F.

Oiled wrappers, oils and waxes in the control of apple scald. Journ. Agr. Res. 26: 513-536. D.15, 1923 (Rec'd F. 1924) no.11.

1942

...

...

...

...

...

Journ. Agr. Res. (cont.)

Holbert, J. R. & Koehler, Benjamin.

Anchorage and extent of corn root systems.

Journ. Agr. Res. 27: 71-78. pl. 1-5. Ja. 12, 1924. (Rec'd Mr.) no.2.

Hubert, E. E.

The red stain in the wood of boxelder.

Journ. Agr. Res. 26: 447-458. illus., pl.1-3. D.8, 1923 (Rec'd F.1924) no.10.

Jones, F.R.

Stem and rootrot of peas in the United States caused by species of Fusarium. Journ. Agr. Res.

26: 459-476. illus., pl. 1. D.8, 1923. (Rec'd F. 1924) no.10.

Literature cited: p. 475.

Kendrick, J. B. & Gardner, M. W.

Soybean mosaic: seed transmission and effect on yield. Journ. Agr. Res. 27: 91-98. Ja.12,

1924. (Rec'd Mr.) no.2.

Literature cited: p.98.

McKinney, H.H., Eckerson, S.H. & Webb, R.W.

The intracellular bodies associated with the rosette disease and a mosaiclike leaf mottling of

wheat. Journ. Agr. Res. 26: 605-608. pl. 1-8.

D.22, 1923 (Rec'd F.1924) no.12.

Magness, J.R. & Diehl, H.C.

Physiological studies on apples in storage.

Journ. Agr. Res. 27: 1-38. Ja.5, 1924 (Rec'd F. 1924) no.1.

Literature cited: p. 36-38.

Roberts, J. W.

A budrot of the peach caused by a species of

Fusarium. Journ. Agr. Res. 26: 507-512. pl. 1.

D.8,1923 (Rec'd F.1924) no.10.

Rudolfs, Willem.

Influence of temperature and initial weight of seeds upon the growth-rate of Phaseolus vulgaris seedlings.

Journ. Agr. Res. 26: 537-539. D.15, 1923 (Rec'd

F.1924) no.11.

Sieglinger, J. B.

Seed-color inheritance in certain grain-sorghum crosses. Journ. Agr. Res. 27: 53-64. Ja. 5,

1924 (Rec'd F.) no.1.

Literature cited: p. 64.

Weiss, Freeman.

The effect of rust infection upon the water

requirement of wheat. Journ. Agr. Res. 27: 107-

118. Ja.12,1924 (Rec'd Mr.) no.2.

Literature cited: p. 117-118.

Journ. Agr. Sci.

Engledow, F.L. & Wadham, S.M.

Investigations on yield in the cereals. II.

(cont.) Journ. Agr. Sci. 14: 66-98. Ja.

1924. no.1.

Bibliography: p. 96-98.

Matthews, Annie.

Partial sterilization of soil by antiseptics.

Journ. Agr. Sci. 14: 1-57. Ja. 1924. no.1.

References: p. 56-57.

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..

- Journ. Amer. Soc. Agron.
Campbell, E. G.
Weed value. Journ. Amer. Soc. Agron. 16: 91-
96. illus. F.1924. no.2.
Literature cited: p. 96.
- Love, H. H. & Craig, W. T.
Methods now in use in cereal breeding and testing
at the Cornell agricultural experiment station.
Journ. Amer. Soc. Agron. 16: 109-127. illus. F.
1924. no.2.
- Journ. Arnold Arb.
Nakai, Takenoshin.
Araliaceae imperii Japonici. Journ. Arn.
Arb. 5: 1-36. Ja. 1924. no.1.
- Nakai, Takenoshin.
Ehretiae quaedan novae Asiaticae. Journ.
Arn. Arb. 5: 36-41. Ja. 1924. no.1.
Ehretia taiwaniana, n.sp.
- Rehder, Alfred.
New species, varieties and combinations from
the herbarium and the collections of the Arnold
Arboretum. (cont.) Journ. Arn. Arb. 5: 49-59.
Ja. 1924. no.1.
- Sargent, C.S.
Notes on North American trees XII. Aesculus.
Journ. Arn. Arb. 5: 41-49. Ja. 1924. no.1.
- Journ. Bot.
Godfery, M. J.
Orchis latifolia L.: a historical study.
Journ. Bot. 62: 35-41. F. 1924. no.734.
- Good, R. D'O.
New South African Campanulaceae. Journ.
Bot. 62: 48-50. F. 1924. no. 734.
- Groves, James. & Bullock-Webster, G.R.
Notes on British Charophyta. Journ. Bot.
62: 33-35. plate. F.1924. no.734.
Nitella opaca, Chara muscosa, C. baltica, n.sp.
- Lister, Gulielma.
Mycetozoa from North India. Journ. Bot. .
62: 16-20. Ja. 1924. no.733.
- Rendle, A.B.
Dr. H.O. Forbes New Guinea plants. Addenda.
Journ. Bot. 62: 53-55. F. 1924. no.734.
- Sprague, T. A.
Hiraea quapara. Journ. Bot. 62: 21-22. Ja.
1924. no.733.
- Sprague, T. A. & Riley, L.A.M.
A recension of Lopezia. Journ. Bot. 62:
7-16. Ja. 1924. no.733.
- Sprague, T. A.
Tautonyms, nomina abortiva, and homonyms.
Journ. Bot. 62: 41-47. F.1924. no.734.

Journ. Bot. (cont.)

Sprague, T. A.

The vitality and distribution of seeds.

Journ. Bot. 62: 50-52. F.1924. no.734.

Journ. Coll. Agr. Hokkaido Imp. Univ. Sapporo, Japan.

Kudo, Yushun.

A contribution to our knowledge of the flora of Northern Sapporo. Journ. Coll. Agr.

Hokkaido Imp. Univ., Sapporo, Japan. v.12, pt.1. 68 p. pl.i-xii. D.1923.

Journ. Dept. Agr. Kyushu Imp. Univ. Fukuoka, Japan.

Köketsu, Riichiro.

Ueber die wirkungen der elektrischen reizung an den pflanzlichen zellgebilden. Journ. Dept.

Agr. Kyushu Imp. Univ. Fukuoka, Japan. 1: 1-133. illus. Mr. 1923. no.1.

Literaturverzeichnisse: p. 120-133.

Journ. Dept. Agr. So. Australia.

Samuel, Geoffrey.

Take-all investigations. Journ. Dept. Agr. So. Australia. 27: 438-442. D.1923. no.5.

Journ. Hered.

Benedict, R. C.

The moss-leaved fern, *Nephrolepis trevilliani*, a remarkable new sport in the Boston fern series.

Journ. Hered. 15: 18-24. illus. Ja. 1924. no.1.

Emerson, R.A.

Control of flowering in teosinte. Short-day treatment brings early flowers. Journ. Hered.

15: 41-48. illus. Ja. 1924. no.1.

Ryerson, Knowles.

Embryo budding of the avocado. Journ.

Hered. 15: 33-37. illus. Ja. 1924. no.1.

Shull, J. M.

Frost injury in *Iris* and *Diervilla*. Journ.

Hered. 15: 28-32. illus. Ja. 1924. no.1.

Journ. Wash. Acad. Sci.

Killip, E.P.

New species of *Passiflora* from tropical American

Journ. Wash. Acad. Sci. 14: 108-116. Mr. 4, 1924. no. 5.

Landw. Versuchsst.

Caron-Ellenbach, A. von.

Die stickstoffnahrung der gramineen. Landw.

Versuchsst. 101: 261-285. D. 1923. no.5/6.

Popoff, Methodi.

Die stimulierung der zellfunktionen, ihre theoretische und landwirtschaftliche bedeutung.

Landw. Versuchsst. 101: 286-292. D. 1923. no.5/6.

Matières Grass.

Pieraerts, J.

Une plante monocotylédone oléagineuse

intéressante. Matières Grass. 16: 6674-6681.

F. 15, 1924. no. 190.



Meded. Landbouwhoogesch. Wageningen.

Sirks, M. J.

Die verschiebung genotypischer verhältnis-
zahlen innerhalb populationen laut mathematischer
berechnung und experimenteller prüfung. Meded.
Landbouwhoogesch. Wageningen. v.26, no.4. 40 p.
1923.

Litteratur: p. 40.

Meded. Proefst. Vorstenl. Takab Java.

Angremond, A. d'

de Bestrijding van velschimmel (Oidium spec.) in
de vorstenland. Meded. Proefst. Vorstenl. Tabak.
Java. no.49. p. 1-25. plate. S.1923.

Mem. Bot. Surv. So. Africa.

Bews, J.W. & Aitken, R.D.

Researches on the vegetation of Natal.

Mem. Bot. Surv. So. Africa. no.5. 70 p.
pl. i-iii. 1923.

References: p. 67.

Nature.

Gates, R. R.

Recent genetics. Nature. 113: 252-253.

F. 16, 1924. no.2833.

Nature Mag.

Howes, P. G.

Fungus diseases that destroy insects. Nature

Mag. 3: 151-152, 158. illus. Mr. 1924. no.3.

Nuova Notar.

Mazza, Angelo.

Aggiunte al saggio di algologia oceanica.

Nuova Notarisia. 35: 1-27. Ja. 1924.

Pflügers Arch. Ges. Phys.

Bamus, M. G.

Ueber den einfluss des elektrischen stroms auf
die permeabilität von pflanzenzellen. Pflügers
Arch. Ges. Phys. 202: 184-193. 1924. no.1/2.

Pharm. Journ.

Kassner, H. C.

The historical and chemical examination of the
seeds of Ipomoea hederacea, Jacquin, and other
species of Ipomoea. Pharm. Journ. 112: 155-158.
Feb.16, 1924. no.3148.

Philipp. Journ. Sci.

Merrill, E. D.

Plants from Banguay Island. Philipp. Journ.

Sci. 24: 113-116. Ja. 1924. no.1.

Antidesma banguayense sp. nov.

Perkins, G. A. & Cruz. A. O.

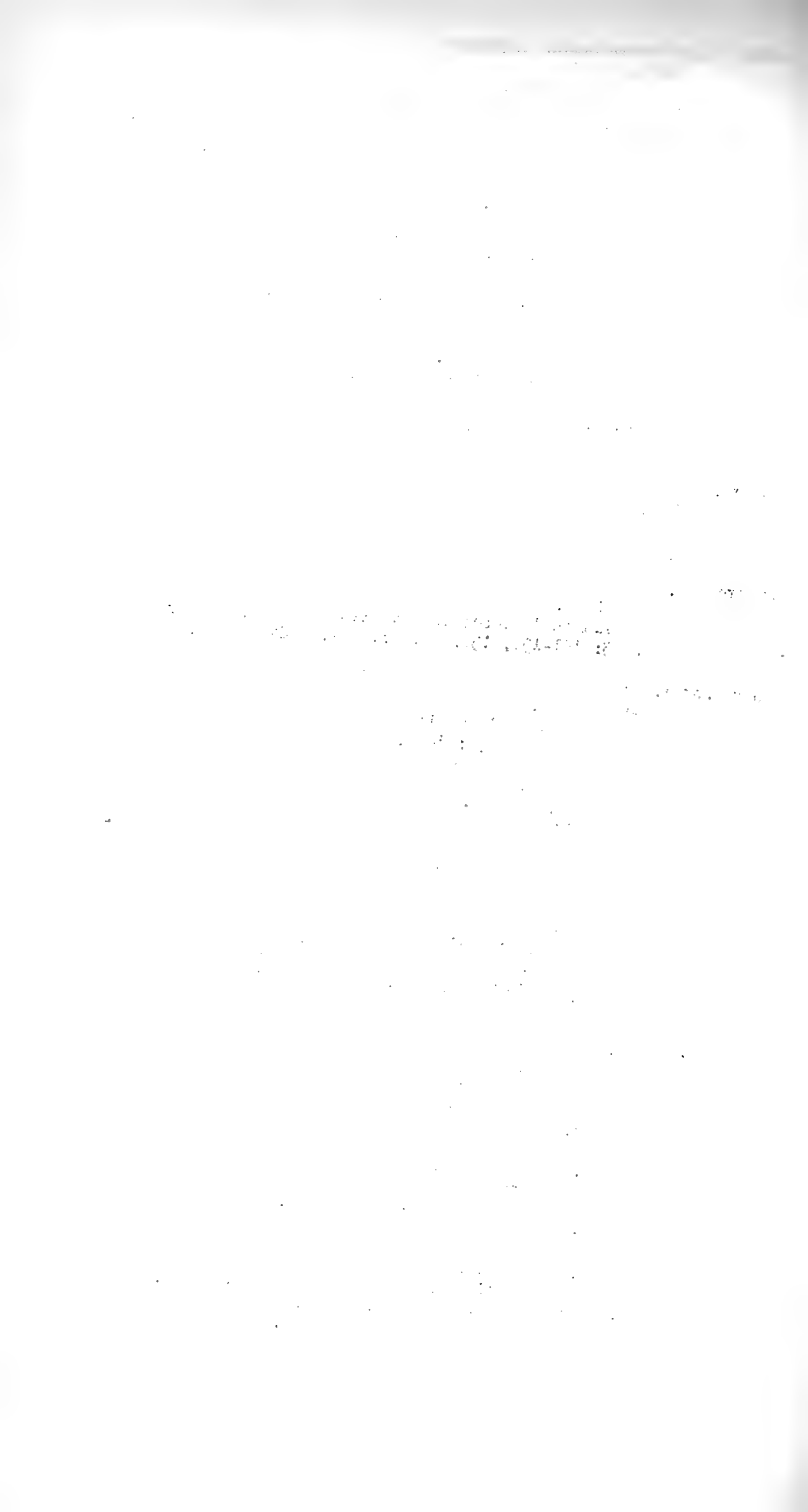
A comparative analytical study of various oils
in the chaulmoogra group. Philipp. Journ. Sci.
23: 543-569. pl. i. D. 1923. no.6.

Valeton, Theodoric.

A new Philippine Bikkia. Philipp. Journ.

Sci. 23: 573-574. D. 1923. no.6.

Bikkia philippinensis, sp.nov.



Preslia.

Brožek, Artur.

"Polymerické dědění skvrn květů reciprokních
mísenců *Mimulus tigrinus-luteus* x *M. quinque-
vulnerus-rubinus*." (Summary report in a case of
cumulative factors in the inheritance of the spots
of the flowers in the hybrids of *Mimulus tigrinus-
leteus* x *M. quinquevulnerus-rubinus*.) Preslia.

2: 13-25. illus. 1923.

Literatura: p. 25.

English summary: p. 24.

Domin, Karel.

Némcia, a new genus of the leguminosae. Preslia.

2: 26-31. 1923.

Dostál, R.

L'étude expérimentale sur la tubérisation et
la stérilité de la ficairie. Preslia. 2: 32-42.

1923.

Bibliographie: p. 42.

Iljin, W. S.

L'influence de la sécheresse sur la régulation
des stomates et sur l'accroissement des plantes.

Preslia. 2: 43-55. 1923.

Klika, Jaromir.

Quelques remarques sur les pélories du *Lanium
maculatum* L. Preslia. 2: 56-58. 1923.

Littérature: p. 58.

Kořínek, J.

Intoxication par les microbes saprophytes chez
(sic) les végétaux. Preslia. 2: 59-66. 1923.

Bibliographie: p. 66.

Novak, Frant. A.

Vápencové obvody v Malých Karpatech a jejich
význam ve fytoogeografické jednotě Malých Karpat.
(Rostlineogeografická studie.) The limestone districts
in the Little Carpathian Mountains. Their significance
in the phytogeographical uniformity of this range.

(A phytogeographical study with an appendix containing
the Latin descriptions of the new plants in the Little
Carpathian Mountains.) Preslia. 2: 67-80.

1923.

Podpěra, Josef.

Bryi generis sectionis *Erythrocarpa* Kindb.
species europaeae. Preslia. 2: 81-89. 1923.

Prát, Silvestr.

Plasmolysis and permeability. II. Preslia.

2: 90-97. 1923.

English summary: p. 97.

Literature: p. 97.

Rohlena, Josef.

Additamenta in floram dalmaticam. Preslia.

2: 98-102. 1923.

Schustler, Frantisek.

Quelques remarques sur l'organisation des
associations végétaux et sur les méthodes de
recherches. Preslia. 2: 103-112. 1923.

Index bibliographique: p. 112.

Preslia (cont.)

Smolak, Jaroslav.

Hypertrofie infikovaných vlásků kořenových.
Preslia. 2: 113-116. illus. 1923.

Úlehla, Vladimír. & Morávek, Vladimír.

Světlorůstová reakce bez fototropismu. On a
photo-growth reaction without phototropical curva-
tion (with English summary). Preslia. 2: 117-
140. 1923.

Seznam uvedené literatury: p. 136-139.

English summary: p. 139-140.

Vilhelm, Jan.

O klíčení protonematu, vegetativním rozmnožo-
vání a bastardaci u grimmiaceí. (Kapitoly z mono-
grafických studií o československých družicích.)
Preslia. 2: 141-147. 1923.

French résumé: p. 146-147. (La germination des
protonema, la multiplication végétative et la bā-
tardisation des Grimmiaceae)

Vodrážka, Otokar.

O degeneraci buněčných jader při tvorbě dřeva
jehličnatých stromů. Preslia. 2: 148-156. 1923.

French résumé: p. 153-156.

Proc. Biol. Soc. Wash.

Blake, S. F.

Eight new Asteraceae from Mexico, Guatemala,
and Hispaniola. Proc. Biol. Soc. Wash. 37: 55-61.
F.21, 1924.

Maxon, W. R.

New or noteworthy ferns from the Dominican
Republic. Proc. Biol. Soc. Wash. 37: 97-104.
F.21, 1924.

Cyathea abbotti, sp. nov.

Maxon, W. R.

A third species of *Atalopteris*. Proc. Biol.
Soc. Wash. 37: 63-64. F.21, 1924.

Atalopteris ekmanni, sp. nov.

Piper, C. V.

New flowering plants of the Pacific Coast.
Proc. Biol. Soc. Wash. 37: 91-95. F.21, 1924.

Standley, P. C.

Eight new species of plants from Mexico. Proc.
Biol. Soc. Wash. 37: 43-47. F.21, 1924.

Standley, P. C.

Nine new species of plants from Central America.
Proc. Biol. Soc. Wash. 37: 49-53. F.21, 1924.

Proc. Nova Scotia Inst.

MacKay, A. H.

Diatoms of Nova Scotia: collected by Alexander
Howard MacKay, and determined, distributed and
lists published by J. Tempère and H. and M. Pera-
gallo, France, 1907-1915. Proc. Nova Scot. Inst.
15: 175-187. N. 1923. no. 3/4.

MacKay, A. H.

The phenology of Nova Scotia, 1920-21. Proc.
Nova Scot. Inst. 15: 153-160, 189-196. N. 1923.
no. 3/4.

Proc. U.S. Nat. Mus.

Berry, E. W.

Tertiary fossil plants from the Republic of Haiti
Proc. U.S. Nat. Mus. v. 62, art. 14. 10 p. illus.,
pl. i. 1923.

Proc. Wash. State Hort. Assoc.

Ellison, E. S.

Frost forecasting and frost fighting in the Yaki-
ma Valley. Proc. Wash. State Hort. Assoc. 19: 107-
114. [1923?]

Fisher, D. F.

Water core. Proc. Wash. State Hort. Assoc.
19: 98-104. [1923?]

Heald, F. D. & Boyle, L. W.

The menace of silver-leaf. Proc. Wash. State Hort.
Assoc. 19: 50-55. 3 pl. [1923?]

Quart. Journ. Ind. Tea Assoc.

Tunstall, A. C.

Root disease in North Lakhimpur. Quart.
Journ. Ind. Tea Assoc. 1923, pt. 4. p. 132-133. 1924.

Queensl. Agr. Journ.

Swain, E. H. F.

Eucalyptian facts. Queensl. Agr. Journ. 21:
19-21. Ja. 1924. no. 1.

White, C. T. & Francis, W. D.

Queensland trees. (*Agathis robusta*) (cont.)
Queensl. Agr. Journ. 21: 34-36. illus. Ja. 1924. no. 1.

Rec. Trav. Bot. Néerl.

Bamier, J. P.

Untersuchungen über apogame fortpflanzung bei
einigen elementaren arten von *Erophila verna*.
Rev. Trav. Bot. Néerl. 20: 1-106. illus. 1923.
Literaturverzeichnis: p. 99-104.

Fernandes, D. S.

Aerobe und anaerobe atmung bei keimlingen von
Pisum sativum. Rev. Trav. Bot. Néerl. 20: 107-
256. illus. 1923.

Koningsberber, V. J.

Lichtintensität und lichtempfindlichkeit. Rec.
Trav. Bot. Néerl. 20: 257-312. 1923.
Literaturverzeichnis: p. 312.

Posthumus, O.

A contribution to the knowledge of the relation
between Psilophyton and Rhynia. Rec. Trav. Bot. Néerl.
20: 313-320. plate. 1923.
Litterature: p. 320.

Stomps, T. J.

A contribution to our knowledge of the origin of
the British flora. Rec. Trav. Bot. Néerl. 20: 321-336.
1923.

Rev. Bot. Appl.

Azzi, G.

L'écologie agricole. Rev. Bot. Appl. 4: 24-33.
Ja. 1924. no.29.

Chevalier, Auguste.

L'origine du benjoin d'Indochine. Rev. Bot. Appl.
4: 10-19. Ja. 1924. no.29.

Chevalier, Auguste.

Sur un "salt-bush" cultivé comme fourrage en
Australie. Rev. Bot. Appl. 4: 51-53. Ja. 1924.
no.29.

Atriplex nummularia.

Chevalier, Auguste., Husnot, T. & Couderc, G.

Les variétés de châtaignier à bogues en épis.
Rev. Bot. Appl. 4: 48-51. Ja. 1924. no.29.

Ferrier de la Bathie, Henri.

La culture du contonnier à Madagascar. Rev. Bot.
Appl. 4: 19-24. Ja. 1924. no.29.

Rev. Facul. Agron. & Vet. Univ. Buenos Aires.

Riera, J. C.

La genética experimental los genetistas suecos.
Rev. Facul. Agron. & Vet. Univ. Buenos Aires. 4:
455-462. 1923. no.2.

Publicaciones consultadas: p. 462.

Rev. Gén. Bot.

Choux, P.

Revue des travaux de botanique tropicale et
subtropicale (1910-1919) (cont.) Rev. Gén. Bot.
36: 31-47. Ja. 1924. no.421.

Prianichnikov, Dimitrii.

Sur l'assimilation de l'ammoniaque par les
plantes supérieures. Rev. Gen. Bot. 36: 5-11.
Ja. 1924. no.421.

Van Oye, Paul.

Sur l'écologie des épiphytes de la surface des
troncs d'arbres à Java. Rev. Gen. Bot. 36: 13-30.
Ja. 1924. no.421.

Rev. Hort.

Bois, D. G. J. M.

Le *Magnolia aulacosperma* (Rehder et Wilson)
et l'exploration botanique de la Chine centrale
par M. Hers. Rev. Hort. 96: 40-42. illus.
F.16, 1924. no.2.

Correvon, Henri.

Les fougères des rochers et leurs espèces
redivivantes. Rev. Hort. 96: 39-40. F.16, 1924.
no.2.

Enfer, V.

L'igname de Chine. Rev. Hort. 96: 42-43.
F.16, 1924. no.2.

Martinet, H. & Lesourd, F.

Le chaire de culture au Museum d'histoire naturelle.
Rev. Hort. 96: 28-35. illus. F. 1924. no.2.

Rev. Hort. Algérie.

Trabut, Louis.

Plantes médicinales. Camomille romaine (*Anthemis nobilis*.) Rev. Hort. Algérie. 25: 7-8. Ja. 1924. no.1.

Rhodora.

Blake, S. F.

Erucastrum pollichii in West Virginia. Rhodora. 26: 22-23. Ja. 1924. no. 301.

Farwell, O.A.

The correct name for the spearmint. Rhodora. 26: 19-22. Ja. 1924. no.301.
Mantha viridis.

Lorenz, Annie.

A revision of the Mt. Desert hepatic list. Rhodora. 26: 6-13. Ja. 1924. no.301.

New England botanical club.

Reports on the flora of the Boston district. XIII. Rhodora. 26: 13-19. Ja. 1924. no.301.

Smith, C. F.

Pseudotaenidia in Maryland. Rhodora. 26: 23-24. Ja. 1924. no.301.

Wiegand, K. M.

Some changes in nomenclature. Rhodora. 26: 1-5. Ja. 1924. no.301.

Science.

Emerson, R. A.

A genetic view of sex expression in the flowering plants. Science. 59: 176-182. F.22, 1924. no.1521.

Robinson, B. L.

Mary A. Day. Science. 59: 205-206. F.29, 1924. no. 1522.

Welles, C. G.

Observations on taxonomic factors used in the genus *Cercospora*. Science. 59: 216-218. F.29, 1924. no. 1522.

Scient. Agr.

Staurt, William.

The relation of science to the potato industry. Scient. Agr. 4: 205-209. Mr. 1924. no.7.

Skogs. Fören. Tidskr.

Nordfors, G. A.

Röta och stamdeformation hos gran uppkomna efter barkskador, speciellt sådana orsakade av getgnag. Skogs. Fören. Tidskr. 22: 1-20. illus. Ja.-F. 1924. no.1/2.

So.Afr. Fruit Grow.

Cutler, J. V.

Notes on soil alkali. So. Afr. Fruit Grow. 11: 16-19. Ja. 1924. no.1.

So. Afr. Journ. Nat. Hist.

Phillips, J. F.

Disease in young natural regeneration of *Olea laurifolia* Lem. So. Afr. Journ. Nat. Hist. 4: 209-220. S. 1923. no.3.

Literature: p. 220.

Research: Indigenous forests no.1.

Vendorn, I. C.

The flowering parasitic plants found in South Africa. So. Afr. Journ. Nat. Hist. 4: 221-228. S. 1923. no.3.

Sver. Utsädesför. Tidskr.

Sylvén, Nils.

Olika blombiologiska typer av ängs- och svartkavlj (*Alopecurus pratensis* och *nigricans*.)

Sver. Utsädesför. Tidskr. 33: 304-341. illus. 1923. no.6

German resumé: p. 329-331.

Torreyia.

Berry, E. W.

A cucurbitaceous fruit from the tertiary of Texas. Torreyia. 24: 5-7. illus. Ja.-F. 1924. no.1.

Calycocorysoides balli gen. et sp. nov.

Cockerell, T. D. A.

A genuine fossil *Ophioglossum*. Torreyia. 24: 10-11. illus. Ja.-F. 1924. no.1.

Ophioglossum hastatifforme, n. sp.

Hastings, G. T.

Spring flowers in the winter. Torreyia. 24: 1-3. pl.1. Ja.-F. 1924. no.1.

Newbold, P. F.

Notes on some foreign crab-grasses. Torreyia. 24: 8-9. Ja.-F. 1924. no.1.

Piper, C. V.

Bulbous bluegrass (*Poa bulbosa* L.) Torreyia. 24: 7-8. Ja.-F. 1924. no.1.

U.S. Bur. For. & Dom. Comm. Misc. Ser.

Taylor, W. M.

China wood oil. U.S. Bur. For. & Dom. Comm. Misc. Ser. 125, 21 p. 1923.

U.S. Dept. Agr. Bull.

Richey, F. D.

Effects of selection on the yield of a cross between varieties of corn. U.S. Dept. Agr. Bull. 1209. 19 p. F. 1924.

U.S. Dept. Agr. Farmers Bull.

Gilbert, W.W. & Popenoe, C.H.

Diseases and insects of garden vegetables. U.S. Dept. Agr. Farm. Bull. 1371. 46 p. illus. Ja. 1924.

Shapovalov, Michael & Link, G.K.K.

Control of potato-tuber diseases. U.S. Dept. Agr. Farm. Bull. 1367. 37 p. illus. Ja. 1924.

U.S. Dept. Agr. Plant Disease Report.

Walker, J. C.

Observations on the cultivation and diseases of
cabbage and onions in Europe, 1922. Plant Dis.
Report. Suppl. 32. 34 p. F. 15, 1924.
Mimeographed.

Valley Farm. & Citrus Grow.

Del. Carlo, J. M.

Disease of citrus brings loss. Valley Farm &
Citrus Grow. v.1, no.12. p.6, 17. F. 1924.

Halstead, E. W.

No citrus canker in valley. Most dangerous of
citrus diseases not found here and inspectors work
hard to keep it out. Valley Farm. & Citrus Grow.
v.1, no. 12. p.16, 22. F. 1924.

Vlugschr. Deli Proefstat. Medan.

Fulmek, Leopold.

Nog eens het bespuiten van zaadbedden.
Vlugschr. Deli Proefstat. Medan. no.23. 3 p.
Ja.1924.

Wiener Landw. Zeit.

Himmelbaur, Wolfgang.

Die blattrollkrankheit der kartoffel. Wiener.
Landw. Zeit. 74: 43-44. F.9, 1924. no.11/12.

Zeitschr. Pflanzenernähr. u. Düng. A. Wiss.Teil.

Smirnow, A. I.

Die eigentümlichkeiten des stoffwechsels
bei den lupinenkeimlingen in gegenwart von ammonium-
und kalziumsalsen. Zeitschr. Pflanzenernähr. u.
Düng. A.Wiss.Teil. 3: 30-40. illus. 1924. no.1.

Exper. Stat. Publ.

Darrow, W. H.

Grape culture in Connecticut. Connecticut.
Agr.Coll.Ext. Serv. Bull.no.69. 16 p. illus. F.1924.

Norton, J. B. S.

Fruit-rotting Sclerotinias I- Maryland Agr.
Exp.Stat.Bull.256. 32 p. illus. Ag.1923.
Literature cited: p. 31-32.
I. Apothecia of the brown-rot fungus.

Hooker, H. D.

Peach culture in Missouri. Missouri Agr.Exp.
Stat.Bull.207. 14 p. illus. D.1923 (Rec'd F.
1924)

Scott, I. T.

The influence of hydrogen-ion concentration on the
growth of Fusarium lycopersici and on tomato wilt.
Missouri Agr. Exp. Stat. Res. Bull.64. 32 p. Ja. 1924.
Literature cited: p. 31-32.

Swartwout, H. G.

Grape growing in Missouri. Missouri Agr. Exp.
Stat. Bull 208. 35 p. illus. Ja. 1924.
Insects and diseases: p. 25-35.

Yeager, A. F.

Perennial flowers for North Dakota homes. North
Dakota Agr. Exp. Stat. Bull, 170. 56 p. illus. D.1923.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It stresses the importance of implementing robust security measures to protect sensitive information from unauthorized access and breaches.

5. The fifth part of the document explores the integration of data with other organizational systems. It discusses how data can be shared and analyzed across different departments to provide a comprehensive view of the organization's performance.

6. The sixth part of the document discusses the importance of data quality and the steps taken to ensure it. It notes that high-quality data is crucial for generating accurate insights and making informed strategic decisions.

7. The seventh part of the document covers the role of data in compliance and regulatory reporting. It explains how maintaining accurate and up-to-date data is necessary to meet various legal and industry requirements.

8. The eighth part of the document discusses the future of data management and analysis. It highlights emerging trends such as artificial intelligence and machine learning, which are expected to revolutionize the way data is processed and analyzed.

9. The ninth part of the document provides a summary of the key points discussed throughout the document. It reiterates the importance of data in driving organizational success and the need for a strong data management strategy.

10. The final part of the document offers concluding thoughts and recommendations for organizations looking to optimize their data management practices. It encourages a proactive approach to data management and continuous improvement.

Exper. Stat. Publ. (cont.)

Bouquet, A.G.B.

Economic results in the pollination of greenhouse tomatoes. Oregon Agr. Exp. Stat. Circ. 55. 16 p. illus. Ja. 1924.

References cited: p. 16.

Robinson, R.H.

The preparation of spray materials. Oregon Agr. Exp. Stat. Bull. 201. 15 p. Ja. 1924.

Musser, A.M. & Ludwig, C.A.

Certified seed in Irish potato production. South Carolina Agr. Exp. Stat. Bull. 218. 16 p. D: 1923 (Rec'd F.1924)

Heald, F. DeF.

[Report of] Div. of plant pathology. Ann. Rep. Washington Agr. Exp. Stat. 33d. 1922/23. (Its Bull. 180, p. 40-49)

State Publications.

Mattoon, W.R. & Burleigh, T. D.

Common forest trees of Georgia. How to know them. Bull. Div. Ext. Georgia Coll. Agr. 291. (v.12, no.7) 80 p. illus. D. 1923.

New Books.

Bailey, L. H.

Manual of cultivated plants (U.S. & Canada) N.Y. Macmillan, 1924.

Congr s national de la culture des plantes m dicinales. 3d.

Compte-rend... 63 p. pl.i-iv. 1923.

Furrer, Ernst.

Kleine pflanzengeographie der Schweiz. Z rich, 1923.

Thones, F.E.A.

Trees and flowers of Yellowstone national park. Saint Paul, 1923.

Vilmorin, J. L. de.

L'h r dite chez la betterave cultiv e. Paris, 1923.

ERRATA

In list 129, change heading Ann. Rep. Dept. Agr. & Stock Tasmania to read Ann. Rep. Dept. Agr. & Stock Queensland.

Also change third entry under Florida Grow. to read v.29, no.7. instead of v.29, no.8.

Agr. Journ. B. C.

Straight, E. M.

Sweet-pea seed growing. Agr. Journ. B.C.
9: 8-9, 16. Mr. 1924. no.1.

Agron. Colon.

Maublanc, André.

Les maladies de l'arachide. Agron. Colon.
10: 1-12. illus. Ja. 1924. no.73.

Vidal, Louis.

Essais de traitement du bois de parasolier faits à
l'école française de papeterie. Agron. Colon.
10: 13-19. illus. Ja. 1924. no. 73

Alpe. Riv. For. Ital.

Petri, Lionello.

Esperienze sull'autogamia nel castagno. Alpe
Riv. For. Ital. 11: 14-17. Ja. 1924. no. 1

Amer. Journ. Bot.

Cook, M. T.

Succession of fungi on culture media. Amer.
Journ. Bot. 11: 94-99. illus. F. 1924. no.2.

Keener, A. E.

A study of the factors concerned in the reddening
of leaves of Diervilla lonicera. Amer. Journ.
Bot. 11: 61-77. illus., pl. i. F. 1924.
no.2.

Newcombe, F. C.

Significance of the behavior of sensitive stigmas.
II. Amer. Journ. Bot. 11: 85-93. F. 1924.
no.2.

Reed, H.S. & Haas, A.R.C.

The effect of hydroxyl-ion concentration on the
growth of walnut roots. Amer. Journ. Bot. 11: 78-
84. illus. F.1924. no.2.

Literature cited: p. 84.

Injury is due to lack of calcium rather than the
effect of hydroxyl-ion.

St. John, Harold & Courtney, W. D.

The flora of Epsom Lake. Amer. Journ. Bot.
11: 100-107. illus. F.1924. no.2.

Schmitz, Henry.

Studies in wood decay. IV. The effect of sodium
carbonate, bicarbonate, sulphate, and chlorid on the
rate of decay of Douglas fir sawdust induced by *Lenzites
saepiaria* Fr. with special reference to the effect of
alkaline soils on the rate of decay of wood in contact
with them. Amer. Journ. Bot. 11: 108-121.
F. 1924. no.2.

Amer. Journ. Pharm.

Griffith, Ivor.

Idiosyncrasies, or the story of a sneeze.
Amer. Journ. Pharm. 96: 170-193. illus. Mr.
1924. no.3.

Illus. of pollen of rose of Sharon, giant rag-
weed, wormwood, maize.

Table illustrating seasonal variations of pol-
lens of primary importance: p. 185-183.

Newcomb, E. L.

Plant science laboratory seminar. (Botany -
Pharmacognosy - Plant chemistry - Pharmacology)
(concl.) Amer. Journ. Pharm. 96: 194-225.
Mr. 1924. no. 3.

Ann. Bot.

Bagchee, Krishnadas.

The spermatogones is of *Anthoceros laevis*, L.
Ann. Bot. 38: 105-111. pl. vi. Ja. 1924.
no.149.

Literature cited: p. 111.

Boyle, C.

The growth reactions of certain fungi to their
staling products. Ann. Bot. 38: 113-135.
Ja. 1924. no.149.

Literature cited: p. 135.

Drew, K. M.

An abnormal pro-embryonic branch of *Chara vul-*
garis L. Ann. Bot. 38: 207-209. illus.
Ja. 1924. no.149.

Fry, E. J.

A suggested explanation of the mechanical action
of Lithophytic lichens on rocks (Shale). Ann.
Bot. 38: 175-196. illus. Ja. 1924. no.149.

Bibliography: p. 196.

Granger, K. & Horne, A.S.

A method of inoculating the apple. Ann.Bot.
38: 212-215. illus. Ja. 1924. no.149.

Moore, E. S.

The physiology of *Fusarium coeruleum* Ann.
Bot. 38: 137-161. illus., pl. vii-viii. Ja.
1924. no.149.

Literature cited: p. 160.

Newton, W.C.F.

Studies on somatic chromosomes. I. Ann. Bot.
38: 197-206. illus., pl. ix. Ja. 1924. no.149.

Bibliography: p. 205.

Sarbadhikari, P. C.

Cytology of *Osmunda* and *Doodia*. I. Ann.Bot.
38: 1-26. pl. i-v. Ja. 1924. no.149.

Literature cited: p. 23-24.

I. On the somatic and meiotic mitoses of *Doodia*.

Snow, R.

Further experiments on the conduction of tropic
excitation. Ann. Bot. 38: 163-174. illus.
Ja. 1924. no.149.

References: p. 174.

Stiles, Walter. & Dellow, M.E.

A note on the dormancy of the seeds of *Lathyrus*
maritimus. Ann. Bot. 38: 209-212. Ja. 1924.
no.149.

Sturch, H. H.

On the life-history of *Harveyella pachyderma*
and *H. mirabilis*. Ann. Bot. 38: 27-42. illus.
Ja. 1924. no.149.

Literature cited: p. 42.

Vyvyan, M. C.

Studies of the rate of growth of leaves by a
photographic method. I. Ann. Bot. 38: 59-103.
illus. Ja. 1924. no.149.

Literature cited: p. 103.

Williams, S.

The anatomy of the branching fronds of some
cultivated varieties of ferns. Ann.Bot. 38:
43-57. illus. Ja. 1924. no.149.

Biochem. Journ.

- Gallagher, P. H.
Mechanism of oxidation in the plant. II-III.
Biochem. Journ. 18: 29-33, 39-46. 1924. no.1.
References: p. 38, 46.
II. An investigation of substances which are capable of behaving as peroxydases.
III. Peroxydase. Observations on the term-stability of the peroxydase of the mangold.

Biochem. Zeitschr.

- Sabalitschka, Th.
Ueber die ernährung von pflanzen mit aldehyden. II-III. Biochem. Zeitschr. 144: 545-550, 551-555. Ja. 1924. no.5/6.
II. Polymerisation des formaldehyds durch Phaseolus multiflorus und Pelargonium zu höheren kohlehydraten. Von Th. Sabalitschka und H. Riesen-berg.
III. Stört noch vorhandener formaldehyd die bestimmung von zucker und stärke nach Sabalitschka in den mit formaldehyd behandelten pflanzen. Von Th. Sabalitschka und H. Riesenberg.

Biol. Zentralbl.

- Correns, Carl.
Lang- und kurzgrifflige sippen bei Veronica gentianoides. Biol. Zentralbl. 43: 610-630, illus. Ja. 1924. no.6.
Literatur: p. 629-630.

Bryologist.

- Andrews, A. L.
Hymenostomum in North America. Bryologist. 27: 1-5. Ja. 1924. no. 1.
Bartram, E. B.
Notes on Grimmia orbicularis Bruch. Bryologist. 27: 10. Ja. 1924. no. 1.
Chamberlain, E. B.
William Henry Pearson. Bryologist. 27: 12. port. (pl.iv.) Ja. 1924. no.1.
Holzinger, J.M.
The genus Crossidium in North America. Bryologist. 27: 3-8. pl. i-iii. Ja.1924. no.1.

Bull. Misc. Inform. Kew.

- Sprague, T. A.
Humboldt and Bonpland's Mexican itinerary. Bull. Misc. Inform. Kew. 1924, no.1. p.20-27.
Sprague, T. A. & Riley, L.A.M.
Materials for a flora of British Honduras: I- Bull. Misc. Inform. Kew. 1924, no.1. p.1-20.

Bull. N.Y. State Mus.

- Goldring, Winifred.
The upper Devonian forest of seed ferns in eastern New York. Bull. N.Y. State Mus. 251: 50-92. illus., pl. 1-ii. Mr. 1924.
Bibliography: p. 71-72.

Bull. Sci. Pharm.

Lecours, J. E. W.

Le bois de plomb "*Dirca palustris*." Bull.
Sci. Pharm. 31: 112-116. F.1924. no.2.

Miège, Emile.

Note sur les essais de culture de pyrèthre
(chrysanthème insecticide) effectués au Maroc.
Bull. Sci. Pharm. 31: 77-82. illus. F. 1924.
no.2.

Bull. Soc. Bot. Ital.

Bolzon, Pio.

Ricerche botaniche in prov. di Belluno e nell'
alto Adige. Boll. Soc. Bot. Ital. 1924: 24-
32. 1924. no.1.

Mattirolo, Oreste, 1856-

Notorelle di micologia I-III. Bull. Soc.Bot.
Ital. 1924: 11-19. 1924. no.1.

I.-*Myriostoma coliforme* in Liguria. II.-Che cosa
è la "*Mylitta pseudo-acaciae*" Fries. III.-Alcuni
miceti della cirenaica.

Bull. Soc. Centr. For. Belgique.

Bommer, Charles.

Quelques remarques sur le tulipier. Bull. Soc.
Centr. For. Belgique. 31: 96-100. plate F.
1924. no.2.

Bull. So. Calif. Acad. Sci.

Munz, P. A. & Johnston, I. M.

The Penstemons of Southern California. Bull.
So. Calif. Acad. Sci. 23: 21-40. Ja.-F., 1924. no.1.

Bull. Torr. Club.

Arthur, J. C.

New species of Uredineae. Bull. Torr. Club.
51: 51-59. F. 1924. no.2.

Berry, E. W.

Fossil fruits from the Eastern Andes of Colom-
bia. Bull. Torr. Club. 51: 61-67. F. 1924.
no.2.

Rice, M. A.

Internal sori of *Puccinia sorghi*. Bull. Torr.
Club. 51: 37-50. illus. F. 1924. no.2.
Literature cited: p. 49-50.

Canad. Field Nat.

Mousley, Henry.

Further notes on the ferns of Hatley, Stanstead county,
Quebec. 1924. Canad. Field Nat. 38: 50-51.
Mr. 1924.

Compt. Rend. Acad. Sci. Paris.

Becquerel, Paul.

La bioradioactivité existe-t-elle? Compt. Rend.
Acad. Sci. Paris. 178: 795-797. F.25, 1924. no.9.

Bouvier, E. L.

Jacques Loeb. Compt. Rend. Acad. Sci. Paris.
178: 821-822. Mr.3, 1924. no.10.

Compt. Rend. Acad. Sci. Paris. (cont.)

Daniel, Lucien.

Coexistence de l'amidon et de l'inuline chez
certaines composées. Compt. Rend. Acad. Sci.
Paris. 178: 726-728. F. 13, 1924. no. 8.

Gain, Edmond.

Anomalies des Helianthus issus de graines chauffées
de 120° à 150° C. Compt. Rend. Acad. Sci.
Paris. 178: 865-867. Mr. 3, 1924. no. 10.

Maige, Albert.

Variations du seuil de condensation amylogène
des plastes dans l'hypocotyle du haricot. Compt.
Rend. Acad. Sci. Paris. 178: 863-865. Mr. 3,
1924. no. 10.

Sergent, Edmond & Rougebief, H. *

Dissemination des levures dans les vignobles
par les insectes. Mutualisme entre levures et drosos-
philes. Compt. Rend. Acad. Sci. Paris. 178: 732-
734. F. 13, 1924. no. 8.

Souèges, René.

Embryogénie des graminées. Développement de
l'embryon chez le Poa annua L. Compt. Rend. Acad.
Sci. Paris. 178: 860-862. illus. Mr. 3, 1924.
no. 10.

Compt. Rend. Soc. Biol. Paris.

Morvillez, F.

La feuille des plantes supérieures correspond-
elle toujours à un organe simple? Compt. Rend.
Soc. Biol. Paris. 90: 433-435. F. 22, 1924. no. 6.

Country Life. London.

G , C. S.

The Lewisias. Country Life. 55: 368-369.
illus. Mr. 8, 1924. no. 1418.

Henry, Augustine.

Ancient oaks in Kent. Country Life, 45: 333-
334. illus. Mr. 1, 1924. no. 1417.

Miles, H. W.

Winter spraying of fruit trees. Country Life.
55: 370-371. Mr. 8, 1924. no. 1418.

Praeger, R. L.

The gravel-flora of the Cambrena delta. Country
Life. 45: 332-333. illus. Mr. 1, 1924. no. 1417.

Cultures Fruit.

Willaume, Fernand.

Un puissant insecticide: le pyrèthre. Cultures
Fruit, 2: 166-169. Ja. 1924. no. 9.

Curt. Bot. Mag.

Curt. Bot. Mag. v. 149, pt. II. Mr. 1924.

Primula suffrutescens. 2 p. col. pl. 8990.
Schizophragma integrifolia. 4 p. col. pl. 8991.
Hardenbergia comptoniana. 4 p. col. pl. 8992.
Rhododendron scarsiae. 3 p. col. pl. 8993.
Lithospermum oleifolium. 3 p. col. pl. 8994.
Thryptomene thymifolia. 4 p. col. pl. 8995.
Epidendrum cristobalense. 2 p. col. pl. 8996.
Lavatera bicolor. 4 p. col. pl. 8997.
Callistachys ovata. 4 p. col. pl. 8998.
Cotoneaster salicifolia. 4 p. col. pl. 8999.
Amorphophallus cirrifer. 4 p. col. pl. 9000.

Deut. Landw. Presse.

Appel, Otto.

Krankheiten der ackerbohne. Deut. Landw. Presse.
51: 62-63. col. pl. F.16, 1924. no.7.

Müller, H. C. & Molz, E.

Ueber die bekämpfung des wurzelbrandes der rüben
durch saatzutbeize. Deut. Landw. Presse. 51: 62.
illus. F.16, 1924. no.7.

Facts about sugar.

Brandes, E. W.

Sugar-plant investigations. Work of the
government's office in Plant Industry Bureau at
Washington described. Facts about sugar. 18:
230. Mr.8, 1924. no.10.

Coons, G. H.

Root diseases of the sugar beet. Their causes and
prevention. Conditions favorable to parasites that
produce damping off. Facts about sugar. 18:
251-253. Mr.15, 1924. no.11.

Florida Grow.

Lord, E. L.

The grape industry in Florida. Florida Grow.
v.29, no.11. p.4-5. illus. Mr.15, 1924.

Flor. Exch.

Electric light as an aid to plant growth. Further
experiments prove that flowers can be hastened con-
siderably. Flor. Exch. 57: 712. illus.
Mr.8, 1924. no.10.

Wilson, E. H.

Symplocos paniculata (The sapphire berry) A shrub
that deserves wide attention. Flor. Exch. 57:
705. illus. Mr.8, 1924. no.10.

Forstwissensch. Centralbl.

Münch, Ernst.

Verhalten der nachkommen fremder kiefernrasen
in zweiter generation. Forstwissensch. Centralbl.
46: 45-54. illus. F.1924. no.2.

Garden.

Bean, W. J.

Flowering shrubs for a moderate sized garden.
II-IV. Garden. 88: 105-107, 125-127, 144-145.
illus. F.23, Mr.1, 8, 1924. no. 2727-2729.

Cox, E.H.M.

Ornamental gourds. Garden. 88: 103-
104. illus. F.23, 1924. no.2727.

Fraser, J.

Cultivation of Delphiniums. Garden. 88:
146-148. illus. Mr.8, 1924. no.2729.

Graham, R. J. D.

The question of the inbreeding of rhododendrons.
Garden. 88: 110-111. F.23, 1924. no.2727.

Hadden, N. G.

Abortive buds of *Amaryllis belladonna*. Garden.
88: 132. Mr.1, 1924. no.2728.

Garden (cont.)

- Jacob, Joseph.
Notes on Lachenalias. Garden. 88: 123.
Mr.1, 1924. no.2728.
- Johnson, A. T.
Deinantho coerulea. Garden. 88: 132.
Mr. 1,1924. no.2728.
- Maxwell, Herbert.
Rabbit-proof plants. Garden. 88: 127-128.
illus. Mr.1, 1924. no.2728.
- Needham, C. W.
The breaking of tulips. Garden. 88: 156.
Mr.8, 1924. no.2729.
- Rhododendron poisoning. Garden. 88: 102-103.
F.25, 1924. no.2727.
- Wilson, E. H.
New and rare conifers. Garden. 88: 124-125,
141-142. illus. Mr.1, 8, 1924. no.2728, 2729.
Picea Balfouriana, Juniperus squamata var.
fargesii.

Gard. Chron.

- Bowles, E. A.
Eranthis tubergenii. Gard. Chron. III,
75: 131. illus. Mr.8, 1924. no.1941.
E. hyemalis x E. cilicica.
- Brown, Ernest.
Observations on leaf scorch of apple trees.
Gard. Chron. III, 75: 134-135. Mr.8, 1924.
no.1941.
- Druce, G. C.
William Baxter, curator of the Oxford botanic
gardens, and his correspondence. Gard. Chron.
III, 75: 106. F.23, 1924.
- Sprague, T. A.
Principles of nomenclature. (cont.) Gard.
Chron. III, 75: 104. F.23, 1924.

Gard. Chron. Amer.

- Kerr, G. W.
Sweet peas. Gard. Chron. Amer. 28: 78-
79. illus. Mr. 1924. no.3.
- Stewart, G. F.
Aeschynanthus synonym. with Trichosporum. Gard.
Chron. Amer. 28: 72. Mr.1924. no.3.
- Warner, H. H.
Notes on some of the newer orchids. Gard.
Chron. Amer. 28: 75-76. illus. Mr. 1924. no.3.

Gard. Illus.

- Maxwell, Herbert.
Lilies in Scotland. Gard. Illus. 46:
110-111. illus. F.23, 1924.

Gartenw.

- Gielsdorf, K.
Die kakteen in der kultur. Gartenw. 28:
34-36. illus. F.1, 1924. no.5.
- Uphof, J. C. Th.
Die kakteen in den steppen des südwest-
lichen Nordamerika. Gartenw. 28: 36. F.1,
1924.

Gulf Coast Grow.

Van Iderstine, R.
The recent freeze and its results. Gulf
Coast Grow. v.1, no.10-11. p.1-3. D.1923-
Ja. 1924.

Hacienda.

Schultz, E. F.
La tuna sin espinas en la Argentina. Ha-
cienda. 19: 90-91. illus. Mr. 1924, no.3.

Irish Nat.

Lee, W. A.
Irish sphagna. Irish Nat. 32: 121-123.
D. 1923. no.12.

Scharff, R. F.
Stray reflections on the Irish alpine flora.
Irish Nat. 32: 117-120. D. 1923. no.12.

Journ. Amer. Pharm. Assoc.

Farwell, O. A.
Mexican cactus a substitute for Cactus grandi-
florus. Journ. Amer. Pharm. Assoc. 13: 211.
Mr. 1924. no.3.

Jordan, C. B., Whelan, J. P. and Gidley, W.F.
A study of the cause of trembles (in domestic
animals) and milksickness (in man) Journ.
Amer. Pharm. Assoc. 13: 206-210. Mr. 1924. no.3.

Journ. Amer. Soc. Agron.

Symposium - The forage problem. Journ. Amer.
Soc. Agron. 16: 153-238. Mr. 1924.

1. The larger aspects of our forage supply. By
C.V. Piper. 2. Hay crops. A. Fertilizing timothy
and calculating financial returns. By A.F. Gustafson.
B. Problems of alfalfa in the east. By J.F. Cox. C.
The growth of alfalfa with various cutting treatments.
By L.F. Graber. D. Legumes for acid soils. By Chas.
F. Leach. E. Clover problems. By A.J. Pieters. F.
Sweet clover as a hay crop. By H.L. Walster. 3. Some
silage problems. By R.A. Oakley. 4 Pastures. A. The
problem of tame grass pastures in the humid north. By
Lyman Carrier. B. The problem of improving western ranges
By James T. Jardine. C. The problem of systems of grazing.
By Will C. Barnes. D. The problem of pastures in semi-
waste lands of New England. By John R. Fain. 5. The
better utilization of straws. By C. E. Leighty. 6. The
Possibilities in new forage plants. By C.V. Piper. 7. The
future of the soybean as a forage crop. By J.C. Hackleman.
8. The problem of forage crops in relation to soil im-
provement. By C.A. Mooers.

Journ. Bd. Agr. Brit. Guiana.

Percival, Exley.
Wild flowers of Georgetown: a study in field botany
for tyros. Journ. Bd. Agr. Brit. Guiana. 16: 205-
222. O. 1923. no.4.

Journ. Bot.

Imperial botanical conference - Subcommittee on nomenclature.

Interim report on nomenclature. Journ. Bot. 62: 73-81. Mr. 1924. no. 735.

Rogers, R. S.

Petalochilus: A new genus of New Zealand orchids. Journ. Bot. 62: 65-67. plate. Mr. 1924. no. 735.
P. calyciformis, P. saccatus.

Journ. Ecol.

Christy, Miller.

The hornbeam (*Carpinus betulus* L.) in Britain. Journ. Ecol. 12: 59-94. illus. Ja. 1924. no. 1.

A bibliography of works quoted: p. 91-94.

Maximow, N. A. & Krasnosselsky-Maximow, T.A.

Wilting of plants in its connection with drought resistance. Journ. Ecol. 12: 95-110. Ja. 1924. no. 1.

Literature cited: p. 110.

Saxton, W. T.

Phases of vegetation under monsoon conditions. Journ. Ecol. 12: 1-38. illus. Ja. 1924. no. 1.
Literature cited: p. 38.

Warrington, Katherine.

The influence of manuring on the weed flora of arable land. Journ. Ecol. 12: 111-126. Ja. 1924. no. 1.

Journ. Madras Agr. Stud. Union.

Ramanathan, V.

Some observations on Mendelian characters in sorghum. Journ. Madras Agr. Stud. Union. 12: 1-17. illus. Ja. 1924. no. 1.

Journ. Min. Agr. Gt. Brit.

Hoare, A. E.

Watercress and its cultivation. Journ. Min. Agr. Gt. Brit. 30: 1147-1153. plate. Mr. 1924. no. 12.

Trials of potatoes for immunity from wart disease, 1923. Journ. Min. Agr. Gt. Brit. 30: 1170-1173. Mr. 1924. no. 12.

Journ. N. Y. Bot. Gard.

Hollick, Arthur.

When a tropical vegetation flourished in Alaska. Journ. N. Y. Bot. Gard. 25: 33-35. F. 1924. no. 290.

Mousley, Henry.

Calypso. Journ. N.Y. Bot. Gard. 25: 25-30. p. 283-284. F. 1924. no. 290.

Journ. Wash. Acad. Sci.

Maxon, W. R.

New West Indian ferns. Journ. Wash. Acad. Sci. 14: 139-145. Mr. 1924. no. 6.

Landw. Jahrb. Schweiz.

Martinet, Gustave.

Methoden und ergebnisse der getreide und kartoffelzüchtung. Landw. Jahrb. Schweiz. 37: 581-691. 1923. no. 6.

Meded. Algem. Proefst. Landb. Nederl. Ind.

Heide, F. F. R.

Bewaring en verzending van zaden en vegetatieve vermeerderingsorganen van tropische gewassen. Meded. Algem. Proefst. Landb. Nederl. Ind. 14: 38-46. 1923.

Heide, F. F. R.

Biologische waarnemingen bij *Arachis hypogaea* L. Meded. Algem. Proefst. Landb. Nederl. Ind. 14: 5-19. illus. 1923.
Literatuur: p. 19.

Heide, F. F. R.

Ploembestuiving in West-Java. Meded. Algem. Proefst. Landb. Nederl. Ind. 14: 20-37. 1923.
Literatuur: p. 36-37.

Mem. & Proc. Manchester Lit. & Phil. Soc.

Lang, W. H.

On the apparently endogenous insertion of the roots of *Stigmaria*. Mem. & Proc. Manchester Lit. & Phil. Soc. 67: 101-107. pl. 2. 1923. no. 2.

Missouri Bot. Gard. Bull.

Local oaks and their uses. Missouri Bot. Gard. Bull. 12: 25-33. pl. 2-3. F. 1924. no. 2.

Mitt. Deut. Landw. Ges.

Zade, Adolf.

Die anfälligkeit unserer winterweizensorten gegenüber dem steinbrand. Mitt. Deut. Landw. Ges. 39: 133-134. F. 23, 1924. no. 8.

Mitt. Lebensmitteluntersuch. & Hygiene.

Osterwalder, Adolf.

Schizosaccharomyces liquefaciens n.sp. eine gegen freie schweflige säure widerstandsfähige gärhefe. Mitt. Lebensmitteluntersuch. & Hygiene. 15: 5-28. illus. 1924. no. 1.

Nature.

Bower, F. O.

The present outlook on science. Nature. 113: 356-358. Mr. 8, 1924. no. 2836.

New Jersey Agr.

Nissley, C. H.

Use hot water to control black leg disease. New Jersey Agr. v. 6, no. 3. p. 2, 7. illus. Mr. 1924.

Poole, R. F.

Stem rot does not affect all sweet potatoes. Triumph and White yam varieties show great resistance to the disease. New Jersey Agr. v. 6, no. 3. p. 6. illus. Mr. 1924.

New Jersey State Hort. Soc. News.

Schermerhorn, L. G.

New varieties of asparagus. Rust resistant strains are promising. New Jersey State Hort. Soc. News. 5: 82. illus. Mr. 1924. no. 1.

New Zeal. Journ. Agr.

Curtis, K. M.
Black-spot of apple and pear. Experiments in possible methods of reducing infection. New Zeal. Journ. Agr. 23: 21-28. Ja. 1924. no. 1.

Foy, N. R.
Clover seeds. Economic species of the genus *Trifolium* in New Zealand. New Zeal. Journ. Agr. 28: 11-21. illus. Ja. 1924. no. 1.

Oesterr. Bot. Zeitschr.

Brieger, Friedrich
Die vegetation des Isergebirges., Oesterr. Bot. Zeitschr. 72: 394-420. N.-D. 1923. no. 11/12.

Fleischmann, Hans.
Ein künstlich erzeugter sechsfacher *Cirsium*-bastard und sein verdegang. Oesterr. Bot. Zeitschr. 72: 420-427. N.-D. 1923. no. 11/12.

Rosenkranz, Friedrich.
Die edelkastanie in Niederösterreich. Oesterr. Bot. Zeitschr. 72: 377-393. N.-D. 1923. no. 11/12.

Orchid Rev.

Mousley, Henry.
Spiranthes romanzoffiana. Orchid Rev. 32: 71-77. illus. Mr. 1924. no. 369.

Papers Mich. Acad. Sci.

Baxter, D. W.
The genus *Ribes* with reference to the white pine blister rust in the west. Papers Mich. Acad. Sci. 2: 1-2. 1923.

Bowman, H. H. M.
The distribution and pollination of certain sea-grasses. Papers Mich. Acad. Sci. 2: 3-10. illus., pl. i-iv. 1923.

Farwell, O. A.
Notes on the Michigan flora. V. Papers Mich. Acad. Sci. 2: 11-46. 1923.

Gustafson, F. G.
Studies on the hydrogen ion concentration of plant juices. I. Papers Mich. Acad. Sci. 2: 49-52. 1923.
References: p. 52.

Kauffman, C. H.
The genus *Armillaria* in the United States and its relationships. Papers Mich. Acad. Sci. 2: 53-67. pl. v-ix. 1923.
Literature cited: p. 66-67.

LaRue, C.D. & Bartlett, H. H.
Diplodia disease of *Hevea brasiliensis*. Papers Mich. Acad. Sci. 2: 91-107. 1923.
D. cacacicola.

Papers Mich. Acad. Sci. (cont.)

LaRue, C.D. & Bartlett, H. H.
A leaf-fall disease of *Hevea brasiliensis* Muell.-
Arg. due to *Gloeosporium alborubrum* Petch. Papers.
Mich. Acad. Sci. 2: 73-90, 1923.

LaRue, C. D.
Two unreported parasites of *Hevea brasiliensis*.
Papers Mich. Acad. Sci. 2: 69-71. 1923.
Sclerotium sp.; *Cephaleuros virescens*.

Smith, H. B.
Stomatal behavior of plants in the greenhouse in
winter. Papers Mich. Acad. Sci. 2: 109-117.
1923.
Bibliography: p. 116-117.

Perfum. & Essent. Oil Rec.

Holmes, E. M.
Valeriana officinalis. Perfum. & Essent. Oil
Rec. v.15, no. 2. p.53-54. F. 22, 1924.

Pharm. Journ.

Kassner, H. C.
The histological and chemical examination of the
seeds of *Ipomoea hederacea*, Jacquin, and other species
of *Ipomoea*. Pharm. Journ. 112: 182-185, 207-
210, 231-234. F. 16, 23, Mr. 1, 8, 1924.

Poucher, W. A.
Bay rum. Pharm. Journ. 112: 186. F. 23,
1924. no. 3149.

The world's camphor production. Pharm. Journ.
112: 234-235. Mr. 8, 1924. no. 3151.

Potato News Bull.

Weiss, Freeman
The group reaction of potato varieties to wart
disease. Potato News Bull. v.1, no. 5. p. 18-
19. Mr. 1924.
Bibliography: p. 19.

Proc. Hawaiian Sugar Plant. Assoc.

Lyon, H. L.
Cane pathology. In Rep. Comm. in Charge Exp.
Stat. Proc. Hawaiian Sugar Plant Assoc. 43: 18-
22. 1924.

Proc. Iowa Acad. Sci.

Bakke, A. L. & Pammel, L. H.
The effect of weeds upon crop production.
Proc. Iowa Acad. Sci. 29(1922); 271-279. [1923?]

Berry, June.
A comparative study of the red-seeded and common
dandelion. Proc. Iowa Acad. Sci. 29(1922); 313-
315. [1923?]

Conard, H. S.
A manual of the ferns and "fern-allies" of Grin-
nell and vicinity. Proc. Iowa Acad. Sci. 29(1922):
317-327. [1923?]

Proc. Iowa Acad. Sci. (cont.)

Conard, H. S.

A manual of the gymnosperms ("evergreens") of Iowa, both native and cultivated. Proc. Iowa Acad. Sci. 29 (1922): 328-338. [1923?]

Ellsworth, Winifred.

Parry's catalog of Iowa plants of 1848. Proc. Iowa Acad. Sci. 29(1922): 339-344. [1923?]

Elmer, O. H.

Studies of insect transmission and cross-inoculation of mosaic on the Solanaceae, Cucurbitaceae and Leguminosae. Proc. Iowa Acad. Sci. 29(1922): 311-312. [1923?]

Martin, J.N.

Fred C. Werkenthin. Proc. Iowa Acad. Sci. 29(1922): 33-34, port. [1923?]
died June 13, 1922.

Pammel, L.H. & King, C. M.

Germination studies on some shrubs and trees Proc. Iowa Acad. Sci. 29(1922): 257-266. illus. [1923?]

Pammel, L.H.

Notes on the flora of Yosemite and adjacent regions. Proc. Iowa Acad. Sci. 29(1922): 245-255. illus. [1923?]

Pammel, L.H.

The species of *Rhamnus* in southwestern United States and the Pacific coast and *Puccinia coronata* Proc. Iowa Acad. Sci. 29(1922): 267-270. [1923?]

From his observations judges that "*Holcus* is not a favorable host of the infection of the rust from *Rhamnus californica* in California."

Werkenthin, F. C.

Description and key of the genus *Cucurbita*. Proc. Iowa Acad. Sci. 29(1922): 281-290. illus. [1923?]

Werkenthin, F.C.

The founders of the art of plant breeding. Proc. Iowa Acad. Sci. 29(1922): 291-310. [1923?]
Bibliography: p. 310.

Wylie, R.E.

Some wound responses of foliage leaves. Proc. Iowa Acad. Sci. 29(1922): 238-244. [1923?]

Wylie, R. E.

Submarginal venation of foliage leaves. Proc. Iowa Acad. Sci. 29(1922): 233-237. illus. [1923?]

Proc. Oklahoma Acad. Sci.

Wickham, M. M.

Identification and ecology of *Polypodium* (Sw) an epiphytic fern included in the Oklahoma cryptogamic flora. Proc. Oklahoma Acad. Sci. 3: 67-70. illus. 1923.

P. incanum.

Rep. Brit. Assoc. Adv. Sci.

The effect of soil sourness on plants. Rep.
British Assoc. Advancement Sci. 91: 494-495.
1924.

Soil 'sourness' as an ecological factor. By
A.G. Tansley. (b) Plant distribution in relation to
acidity. By E.J. Salisbury (c) The sourness of
soils. By N.M. Comber, (d) Basic ratios and plant
distribution. By W.H. Pearsall. (e) The cell wall
and the external medium. By J.H. Priestley.

Abstract of papers before Section K, British
Assoc. Advancement Sci. Liverpool, S. 1923.

Muttall, G.H.F.

Symbiosis in animals and plants. Rep.
British Assoc. Advancement Sci. 91: 197-214. 1924.

Tansley, A.G.

Some aspects of the present position of botany.
Rep. British Assoc. Advancement Sci. 91: 240-260.
1924.

Address to Section K (Botany) Brit. Assoc.
Advancement Sci. Liverpool, S. 1923.

Virus diseases of plants. Rep. British Assoc.
Advancement Science. 91: 492-494. 1924.

Papers by Paul Murphy, H.M. Quanjér, W.B.
Brierley, T. Whitehead, Holmes Smith, R.N.
Salaman.

Abstract of discussions with Sections M and K,
British Assoc. Advancement Sci. Liverpool, S. 1923.

Rep. Int. Conf. Phytopath. & Econ. Entom. Holland, 1923.

Appel, Otto.

Der pflanzenschutz in unterricht. Rep. Int.
Conf. Phytopath. & Econ. Entom. Holland. 1923,
p. 226-231.

Beauverie, Jean.

On the development of wheat rusts in relation
to climatic conditions. Rep. Int. Conf. Phyto-
path. & Econ. Entom. Holland. 1923. p. 201-203.

Abstract of paper.

Bernátsky, J.

Irrtümer und missbräuche bei der begutachtung
der bekämpfungsmittel. Rep. Int. Conf. Phyto-
path. & Econ. Entom. Holland. 1923. p. 126-131.

Botjes, J.O.

The potato-selection-farm at Oostwold. Rep.
Int. Conf. Phytopath. & Econ. Entom. Holland. 1923.
p. 142-147.

Brehmer, W. von.

Die anatomischen und mikrochemischen verände-
rungen des kartoffelleptoms. Rep. Int. Conf.
Phytopath. & Econ. Entom. Holland. 1923. p. 79-
85. pl. v-vi.

- Rep. Int. Conf. Phytopath. & Econ. Entom. Holland, 1923 (cont.)
Cavades, D.
Sur la biologie de *Vermicularia varians* Duc,
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.181-183.
- Duconet, Vital.
Sur la visibilité des symptômes de la mosaïque
de la pomme de terre. Rep. Int. Conf. Phyto-
path. & Econ. Entom. Holland. 1923. p.39-43.
- Eriksson, Jakob.
European phytopathologic collaboration. Rep.
Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.205-214.
European literature upon the question, 1890-
1922: p. 212-214.
- Foex, Etienne.
Quelques faits relatifs aux erysiphacees.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.184-190.
- Franchini, J.
Sur les protozoaires des plantes. Rep. Int.
Conf. Phytopath. & Econ. Entom. Holland. 1923.
p.191-195.
- Gibson, Arthur.
Remarks on plant disease legislation in Canada.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.107-110.
- Gram, Ernst.
How do we receive and keep phytopathological
information? Rep. Int. Conf. Phytopath. & Econ.
Entom. Holland. 1923. p.51-53.
- Gram, Ernst.
Potato leaf-roll influenced by the origin of
the tubers. Rep. Int. Conf. Phytopath. & Econ.
Entom. Holland. 1923 p.38-39.
- Güssow, H.T.
International plant disease legislation as view-
ed by a scientific officer of an importing country.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.96-107.
- Howard, L.O.
International cooperation on combating plant
diseases and insect pests. Rep. Int. Conf.
Phytopath. & Econ. Entom. Holland. 1923. p.36-
38.
- Hudig, J.
Diseases of crops on alkaline and sour soils.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.136-141. pl. ix-x.
- Jaczewski, A. de
Essai de classification des phénomènes patho-
logiques chez les végétaux. Rep. Int. Conf.
Phytopath. & Econ. Entom. Holland. 1923. p.244-
251.

Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. (cont.)

Jaczewski, A. de.

Résumé historique de développement de la phytopathologie en Russie. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.238-243.

Jaczewski, A. de

Sur le développement menaçant du *Tilletia secalis* Kühn en Russie pendant les dernières années. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p. 267-272.

Jones, F. R.

Mycorrhizal fungi in the roots of legumes. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.204-205.

Jones, F. R.

Root-rot of peas in the United States. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.203-204.

Kielstra, J. C.

Remarks on the economical questions connected with plant disease legislation. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.113-115.

Discussion of H.T. Güssow's article.

Köck, Gustav.

Die bewertung der saatkartoffeln vom pflanzenschutzlichen standpunkt. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.43-48.

Löhnis, M. P.

On the resistance of the potato tuber against *Phytophthora*. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.174-179.

Maarschalk, H.

Control of American gooseberry mildew by alkaline Burgundy mixture. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.119-120.

Mangin, Louis.

Un nouvel ennemi de nos habitations: le *Phellinus cryptarum* Karst. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.196-199. pl. xii.

Millard, W.A. & Burr, Sydney.

The supposed relation of potato skin spot to corky scab. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.78-79.

Moesz, Gustav von.

Die pilzkrankheiten der ungarischen medizinalpflanzen. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.280-283.

Naoumov, A.

Moyens d'évaluation des dommages causé par les parasites cryptogames. Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. 1923. p.251-257.

Rep. Int. Conf. Phytopath. & Econ. Entom. Holland. (cont.)

Paine, S. G.

"Internal rust spot" disease of the potato tuber. (Synonyms: Sprain, net necrosis, eisenfleckigkeit, kringeligheid, buntwerden and maladie des taches en couronne). Rep. Int. Conf.

Phytopath. & Econ. Entom. Holland. 1923. p. 74-78. pl. vii.

References: p. 78.

Pseudomonas solanicensis n.sp. considered by author as cause of the disease.

Patkaniane, A.

Expériences sur l'emploi de la soude comme fungicide contre les erysiphées. Rep. Int.

Conf. Phytopath. & Econ. Entom. Holland. 1923. p. 275-276.

Poeteren, N. van.

Organisation and methods of the phytopathological service of Holland. Rep. Int. Conf. Phyto-

path. & Econ. Entom. Holland. 1923. p. 86-96.

Quanjer, H. M.

General remarks on potato diseases of the curl type. Rep. Int. Conf. Phytopath. & Econ. Entom.

Holland. 1923. p. 23-28. Col. pl. i-iv.

Literature cited: p. 27-28.

Reh, Ludwig.

Ist trennung der phytopathologie in praktische botanik und praktische zoo-(entomo-) logie erwünscht? Rep. Int. Conf. Phytopath. & Econ.

Entom. Holland. 1923. p. 48-51.

Riehm, Eduard.

Vorschläge für eine einwandfreie begutachtung von pflanzenschutzmitteln. Rep. Int. Conf.

Phytopath. & Econ. Entom. Holland. 1923. p. 131-

135.

Roussakov, L.

Observations sur l'influence des conditions meteorologiques sur le développement de la rouille des céréales. Rep. Int. Conf. Phytopath. &

Econ. Entom. Holland. 1923. p. 277-280.

Russell, Edward.

The effects of partial sterilization of the soil. Rep. Int. Conf. Phytopath. & Econ. Entom.

Holland. 1923. p. 233-238.

Schitikova, A.

Sur les moyens de combattre le charbon des céréales à l'aide des températures élevées.

Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.

1923. p. 272-275.

Schoevers, T. A. C.

Some preliminary experiments for disinfecting flax-seed, carrying *Botrytis*-disease. Rep. Int.

Conf. Phytopath. & Econ. Entom. Holland. 1923.

p. 116-117

- Rep. Int. Conf. Phytopath. & Econ.Entom. Holland (cont.)
Shear, C. L.
International phytopathology. Rep.
Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.53-58.
- Slogteren, Egbertus van.
Modern methods of combating bulb diseases.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.150-162. pl.xi.
- Vanine, E.
Essai d'évaluation des pertes causées aux
espèces forestières par les champignons parasites.
Rep. Int. Conf. Phytopath. & Econ. Entom. Holland.
1923. p.258-262.
- Vanine, E.
Le Hydnum septentrionale, parasite des arbres
à feuilles. Rep. Int. Conf. Phytopath. & Econ.
Entom. Holland. 1923. p.264-267. pl.xiii.
- Vanine, E.
La pourriture annulaire du chêne, produite par
le Vuilleminia comedens Maire. Rep. Int. Conf.
Phytopath. & Econ. Entom. Holland. 1923. p.263-
264.
- Verhoeven, W. B. L.
Results obtained with some new seed-disinfectants
of German origin. Rep. Int. Conf. Phyto-
path. & Econ.Entom. Holland. 1923. p.120-121.
- Wery, W. A. F.
International trade and the task of the phyto-
pathologist. Rep. Int. Conf. Phytopath. & Econ.
Entom. Holland. 1923. p.216-220.
- Westerdijk, Johanna.
The "Centraalbureau voor schimmelcultures."
(Central bureau for fungus cultures) Rep. Int.
Conf. Phytopath. & Econ.Entom. Holland. 1923.
p.165-171.
- Westerdijk, Johanna.
Untersuchungen über Nectria coccinea Pers.
und Nectria galligena Bresadola. Rep. Int.
Conf. Phytopath. & Econ.Entom. Holland. 1923.
p.171-173.
- Whitehead, I.
Transmission of leaf-roll of potatoes in N.
Wales during 1921. Rep. Int. Conf. Phytopath.
& Econ. Entom. Holland. 1923. p.147-149.
- Rev. Agric. Ile Réunion.
Chester, P. J.
Le fruit de l'arbre à pain. Rev. Agric. Ile
Réunion. X, 11, 23-27. Jan. 1924. no.1.
- Rev. Agr. Puerto Rico.
Britton, N. L.
La vegetación de Cayo Icacos. Rev. Agr.
Puerto Rico. 12: 91-96. illus. F. 1924.
no.11.
- Chardón, C. E.
Agustin Stahl. Rev. Agr. Puerto Rico.
12: 65-84. illus., port. F. 1924. no.11.

Rev. Inst. Bact. Buenos Aires.

Bachmann, Alois.

Discurso pronunciado en homenaje al centenario del nacimiento de Pasteur, en la facultad de Medicina. Rev. Inst. Bact. Buenos Aires. v.3, no.3. p.7-13. port. D. 1923.

Rhod. Agr. Journ.

Henkel, J. S.

Preservative treatment of indigenous timbers. Rhod. Agr. Journ. 21: 61-63. F. 1924. no.1.

McIlwaine, R.

The Pecan nut. Rhod. Agr. Journ. 21: 59-61. pl. i-ii. F. 1924. no.1.

Riv. Biol.

Peyronel, Beniamino.

Prime ricerche sulle micorize endotrofiche e sulla micoflora radiciocola normale delle fanerogame. (Concl.) Riv. Biol. 6: 17-53. illus. Ja. 3 F. 1924.

Scritti citati: p.50-53.

III. Ia Thizoctonia, IV. Altre forme gungine comunemente presenti nelle micorize. V. Alcune considerazioni sui fatti osservati.

Sci. Rep. Agr. Res. Inst. Pusa.

Howard, Albert. & Howard, G.L.C.

Report of the imperial economic botanists. 1922/23. Sci. Rep. Agr. Res. Inst. Pusa. 1922/23. p.10-22. 1923.

McRae, William.

Report of the imperial mycologist, 9 1922/23. Sci. Rep. Agr. Res. Inst. Pusa. 1922/23. p.53-60. 1923.

Science.

Lloyd, F. E.

The fluorescent colors of plants. Science. 59: 241-248. Mr.14, 1924. no.1524. Citations: p. 248.

Plant veins. Science. v.59, no.1523. Suppl. plx,xii. Mr.7, 1924.

Abstract of lecture by Henry H. Dixon, in Dublin. Ireland.

Seed World.

Poole, R. F.

Tomato crop losses may be reduced. Seed World. v.15, no.5. p.24-25. illus. Mr.7, 1924.

Soil Sci.

Allison, R. V.

The effect of aeration upon the development of barley in a heavy clay soil. Soil Sci. 17: 97-104. illus., pl. 1. F. 1924. no.2. References: p. 104.

The first part of the document discusses the general situation of the country and the state of the economy. It mentions the impact of the war and the need for reform. The text is somewhat faint and difficult to read in many places.

In the second part, there is a detailed discussion of the political and administrative changes that have taken place. It seems to be a report or a summary of events.

The third part appears to be a list or a series of points, possibly related to the reforms mentioned in the previous sections.

The final part of the document contains some concluding remarks and possibly a signature or a date.

So. African Gard.

Tredgold, E. K.

The senses of plants. So. African Gard.
14: 55-56. illus. F. 1924. no. 2.

W , H. H.

Notes on some of the less known bulbous
plants. II. So. African Gard. 14: 53, 56.
illus. F. 1924. no. 2.

II. Ornithogalum, Tigridia, Marica, Erythronium.

Succulenta.

Bunungh, H.

Cereus spachianus Lem. en Echinopsis schicken-
dantzii Web. Succulenta. 6: 19-21. F. 23, 1924.
no. 2.

Tectona.

Altona, T.

Korte aantekeningen over javaansche boomnamen.
Tectona: 16: 1066-1070. N.-D. 1923. no. 11/12.

Coster, Ch.

Het watergehalte en de waterverdeling van den
verschen djatistam. Tectona. 16: 935-1045.
N.-D. 1923. no. 11/12.

English summary (Moisture content and regional
spread of moisture in the living teak (*Tectona grandis*
L.f.): p. 963-969.

Coster, Ch.

Iets over diktegroei en inhoudsstoffen van den
djatistam, (*Tectona grandis* L.f.) Tectona. 16:
1046-1056. plates. N.-D. 1923. no. 11/12.

German résumé: (Einiges über das dickenwachstum
und die inhaltstoffe des djatistammes, *Tectona*
grandis L.f.): p. 1056-1057.

U.S. Dept. Agr. Bull.

Godfrey, G.H. & McKay, M. B.

The stem nematode *Tylenchus dipsaci* on wild hosts
in the Northwest. U.S. Dept. Agr. Bull. 1229.
9 p. pl. i-iii. Mar. 1924.
Literature cited: p. 9.

Zeitschr. Bot.

Rawitscher, Felix.

Beiträge zum windeproblem. Zeitschr. Bot.
16: 1-34. illus. 1924. no. 1.
Wichtigste literatur: p. 33-34.

Exper Stat. Publ.

Batchelor, L. D.

Methods of harvesting and irrigation in relation
to moldy walnuts. California Agr. Exp. Stat.
Bull. 367. p. 677-696. col. plates. Je. 1923 (Rec'd
Mr. 1924)

Overholser, E.L. Winkler, A.J. & Jacob, H.E.

Factors influencing the development of internal
browning of the Yellow Newtown apple. California.
Agr. Exp. Stat. Bul. 370. 40 p. col. pl. S. 1923.
(Rec'd Mr. 1924)
Bibliography: p. 39-40.

Hoagland, D.R.

The effect of the plant on the reaction of the
culture solution. California Agr. Exp. Stat.
Techn. Paper. no. 12. 16 p. N. 1923 (Rec'd Mr.
1924)

Literature cited: p. 12.

Exper. Stat. Publ. (cont.)

Directions for spraying fruits in Illinois.
Illinois Agr. Exp. Stat. Circ. 277. 24 p.
illus. F. 1924.
Revision of Circ. 266.

Parrott, P. J., Stewart, F. C. & Glasgow, Hugh.
Spraying and dusting experiments with apples in
1923. N. Y. Agr. Exp. Stat. Circ. 70. 9 p.
D. 1923. (Rec'd Mr. 1924)

Wellington, Richard.
Self-sterility and self-fertility of fruit
varieties grown in New York. N.Y. Agr. Exp. Stat.
Circ. 71. 6 p. D. 1923.

New Books.

The flowering plants of South Africa. v.3. 1923.

Furrer, Ernst.
Kleine pflanzengeographie der Schweiz.
Zürich, 1923.

Gäumann, Ernst.
Beiträge zur einier monographie der gattung
Peronspora Corda. Zürich, 1923. (Beiträge zur
Kryptogamenflora der Schweiz. bd.V,h.4)

Osborne, T. B.
The vegetable proteins. 2d ed. London,
Longmans, Green and Co., 1924.

Piedallu, André
Le sorho. Paris, 1923.

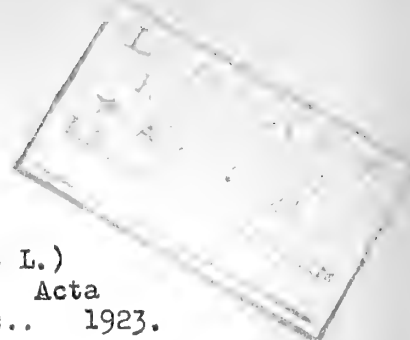
Translations

Available in the Eur. of Plant Industry Library.

Burk.
Zur steinbrandbekämpfung des weizens (Com-
bating bunt or stinking smut of wheat) Zeitschr.
Pflanzenkr. 33: 193-240. 1923.
Transl. in part.

Kitunen, E.
Tutkimuksia kauran nokisientistäjja eri kaural-
aatujen altitudesta nokitartunnalle. (Investigations
of smut in oats and the susceptibility of different
varieties of oats to the disease. Agr. Ekom. Försök.
Finland. no. 15. 127 p. 1922. Abstract in Bot.
Centralbl. 145: 20-22. 1923.
Transl. of abstract.

Linhard, E.
Zur genetik des weizens. Eine untersuchungen.
über die nachkommenschaft eines im kolbenweizen
aufgetretenen speltcidmutatanten (On the genetics of
wheat. A study of the progeny of a speltcid-mutant
occurring in Kolb-wheat) Hereditas. 3: 1-90.
illus. 1922.



Acta Soc. Bot. Polon.

Szafer, Władysław.
O polskich gatunkach glogu (*Crataegus L.*)
(Studien über *Crataegus*-arten in Polen.) Acta
Soc. Bot. Polon. 1: 233-243. illus.. 1923.
no. 4.

Szafer, Władysław.
Wiśnia w stanie dzikim w Polsce. (*Prunus acida*
K. Koch wild in Polen.) Acta Soc. Bot. Polon.
1: 267-269. 1923. no. 4.

Szymkiewicz, Dezydery.
Etudes climatologiques. Acta Soc. Bot.
Polon. 1: 244-262. 1923. no. 4.

Wołoszyńska, Jadwiga.
Javanische süßwasserperidineen. Acta Soc.
Bot. Polon. 1: 263-266. pl. vi. 1923
no. 4.

Agric. Colon.

Bruno, Francesco.
Una graminacea da foraggio introdotta nel
R. Giardino coloniale di Palermo. "*Pennisetum*
purpureum Schum." Agric. Colon. 18: 61-66.
plate. F. 1924.
Bibliografia: p. 66.

Agr. Gaz. N.S.W.

Bartlett, H. H.
The control of take-all and foot-rot in wheat.
Agr. Gaz. N.S.W. 35: 82. F. 1, 1924. no. 2.

Amer. Bee Journ.

Lovell, J. H.
Pollination of alfalfa. Amer. Bee Journ. 64:
176-178. illus. Ap. 1924. no. 4.

Amer. For. & For. Life.

Cooper, W. S.
The battle of ice and forest. Being the story
of Muir glacier, where a long-drawn conflict between
slow-moving, but mighty, forces of nature is taking
place. Amer. For. & For. Life. 30: 196-198, 234.
illus. Ap. 1924. no. 364.

Wise, L. E.
Twilight of the natural dyes. How a few great
colors derived from the forest still maintain their
supremacy despite the onrush of the coal tar dyes of
modern chemistry. Amer. For. & For. Life. 30: 235-
238. illus. Ap. 1924. no. 364.

Amer. Fruit Grow. Mag.

Baker, C. E.
The prevention of storage scald. Amer. Fruit
Grow. Mag. v. 44, no. 4. p. 7, 21. illus. Ap.
1924.

Control of Anthracnose on black raspberries. Amer.
Fruit Grow. Mag. v. 44, no. 4. p. 44. illus. Ap.
1924.

Dorsey, M. J.
Pollination in relation to set of fruit. Amer.
Fruit Grow. Mag. v. 44, no. 4. p. 3, 18, 20. illus.
Ap. 1924.

1957
[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

[Faint, illegible text]

Amer. Fruit Grow. Mag. (cont.)

Magness, J. R.

The inside story of the apple. Amer.
Fruit Grow. Mag. v. 44 no.4. p.5. Ap. 1924.

Amer. Journ. Bot.

Bonar, Lee.

Studies on the biology of *Brachysporium trifolii*.
Amer. Journ. Bot. 11: 123-158. illus., pl. ii-
iii. Mr. 1924. no.3.
Bibliography: p. 156-158.

Faris, J. A.

Factors influencing infection of *Hordeum sativum* by *Ustilago hordei*. Amer. Journ. Bot. 11: 189-214. illus., pl. vii-viii. Mr. 1924. no.3.
Bibliography: p. 211-213.

Lepeschkin, W. W.

The influence of vitamins upon the development of yeasts and molds (Contribution to the Bios problem) Amer. Journ. Bot. 11: 164-167. Mr. 1924. no.3.

Porter, C. L.

Concerning the characters of certain fungi as exhibited by their growth in the presence of other fungi. Amer. Journ. Bot. 11: 168-188. illus., pl. iv-vi. Mr. 1924. no.3.
Bibliography: p. 186-187.

Uphof, J. C. T.

Hygrochastic movements in floral bracts of *Ammobium*, *Acroclinium*, *Rhodanthe*, and *Helichrysum*. Amer. Journ. Bot. 11: 159-163. illus. Mr. 1924, no.3.
Literature: p. 163.

Amer. Nat.

Cowdry, E. V.

The value of the study of mitochondria in cellular pathology. Amer. Nat. 58: 97-114. Mr.-Ap. 1924. no.655.

Kempton, J. H.

Inheritance of proterogyny in maize. Amer. Nat. 58: 182-187. Mr.-Ap. 1924. no.655.

Angew. Bot.

Busse, Walter.

Zur kenntnis der türkischen tabake. Angew. Bot. 5: 86-108. D. 1923. no.2.

Gram, Ernst.

Einfluss des anbauortes auf die blattrollkrankheit der kartoffel. Angew. Bot. 5: 1-20. illus. Ja.-N. 1923. no.1.
Literatur: p. 19-20.

Honcamp, Franz.

Die amide in ihrer bedeutung für den pflanzenfresser. Angew. Bot. 5: 22-23. Ja.-N. 1923. no. 1.

Lakon, Georg.

Ueber den einfluss der ernährung auf die entwicklung der pflanze. Angew. Bot. 5: 110-117. D. 1923.



Angew. Bot. (cont.)

Maiwald, K.

Wirkung hoher nährstoffgaben auf den assimilationsapparat. Versuch einer klärung der physiologischen zusammenhänge zwischen farbe, chlorophyllgehalt und zusammensetzung des kartoffelaubes unter dem einfluss insbesondere verschiedener formen der kaligabe. Angew. Bot. 5: 33-48, 49-74. Ja.-D. 1923, no.1, 2.

Novopokrovsky, J.

Ueber die im Don-gebiete vorkommenden, speziell über die auf kulturgewächsen schmarotzenden orobanchearten. Angew. Bot. 5: 108-110. D. 1923, no.2.

Oberstein, Otto.

Die nomenklatur bei den kartoffelsorten und reg.-rat Haunalters vortrag "Abstammung der kartoffelsorten." Angew. Bot. 5: 27-29. Ja.-N. 1923, no. 1.

Popp, M.

Die bedeutung einer magnesiadüngung für unsere kulturpflanzen. Angew. Bot. 5: 20-21. Ja.-N. 1923, no. 1.

Snell, Karl.

Blütenbildung und ertrag bei der kartoffel. Angew. Bot. 5: 23-27. Ja.-N. 1923, no. 1.

Tobler, Friedrich.

Die heutigen grundlagen der biologischen aufschliessung von faserstengeln Angew. Bot. 5: 79-86. D.1923, no.2.

Ann. Rep. State Entom. So. Dakota.

Hutton, L. D.

Report of the progress of the barberry eradication campaign in South Dakota, 1923. Ann. Rep. State Entom. So. Dakota. 14 (1922/23): 36-41. illus. 1923.

Severin, H. C.

The more important insect pests and plant diseases for the year 1922-1923. Ann. Rep. State Entom. So. Dakota. 14(1922/23): 9-23. illus. 1923.

Crown gall (*Pseudomonas tumefaciens* S and T)

Ark. Bot.

Eriksson, Jakob.

Neue oder kritische gras-uredineen. Ark. Bot. v.18, no.19. 22 p. illus., pl. 1. 1923. Literatur: p. 21.

Eriksson, Jakob.

Zur kenntnis der schwedischen Phragmidium-formen. Ark. Bot. v. 18, no.18. 34 p. illus., pl. 1. 1923.

Literatur: p. 33.

Malme, G. O., A.

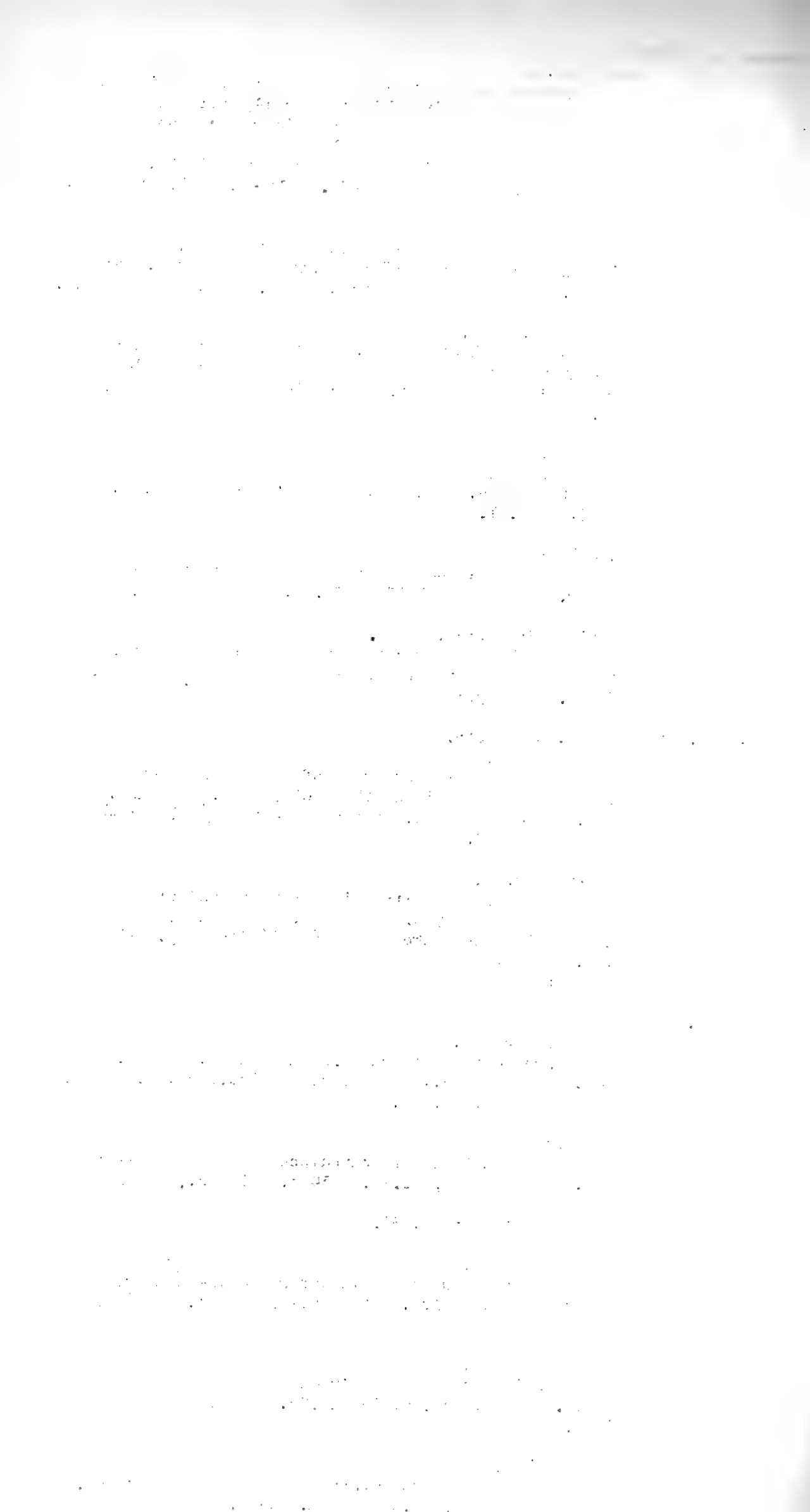
Beiträge zur kenntnis der Cerrados-bäume von Matto-Grosso. Ark. Bot. v.18, no. 17. 26 p. pl.1-5. 1923.

Naumann, Einar.

Notizen zur systematik der süßwasser-algen. VI-IX. Ark. Bot. v. 19, no.20. 8 p. illus. 1924.

Palm, Björn.

The geographical distribution of *Rhodochytrium*. Ark. Bot. v. 18, no.15. 8 p. 1923. Literature: p. 8.



Better Fruit.

Morris, O. M.

The part temperature plays in fruit growing.
Better Fruit. v.18, no.9. p.12-13, 26-28.
port. Mr. 1924.

Bot. Arch.

Cholodny, N.

Ueber einige mit der transpiration und wasser-
aufnahme verbundene elektrophysiologische erschei-
nungen bei den pflanzen. Bot. Arch. 5: 439-457.
illus. Mr. 1924. no.5/6.
Literatur-verweise: p.457.

Fuchs, A. & Ziegenspeck, H.

Aus der monographie des Orchis traunsteineri
Saut. IV. Chromosomen einiger orchideen. Bot.
Arch. 5: 457-470. illus. Mr.1924. no.5/6.

Lange, Leo.

Sero-diagnostische untersuchungen über die
verwandtschaften innerhalb der pflanzengruppe der
Ranales. Bot. Arch. 5: 413-434. Mr. 1924.
no.5/6.

Literatur-verweise: p.434.

Lenz, W.

Protoplasmastudien an Saprolegnia. Bot.
Arch. 5: 435-438. Mr. 1924. no.5/6.
Literatur-verweise: p. 438.

Lohse, Robert.

Entwurf einer kritik der thyllenfrage mit
ergebnissen eigener versuche. Bot. Arch. 5:
345-380. illus. Mr. 1924. no.5/6.
Literatur: p. 372-375.

Steinecke, Fr.

Zur kenntnis von Chlorochytrium archerianum
Hieron. Bot. Arch. 5: 470-471. illus. Mr.
1924. no.5/6.

Trumpf, Christian.

Ueber das wachstum von Phaseolus-keimlingen im
press-saft normaler und etiolierter pflanzen.
Bot. Arch. 5: 410-412. Mr. 1924. no.5/6.
Literatur-verweise: p. 412.

Trumpf, Christian.

Ueber den einfluss intermittierender belichtung
auf das etiolement der pflanzen. Bot. Arch. 5:
381-410. illus. (part col.) Mr. 1924. no.5/6.
Literaturverzeichnis: p. 409-410.

Bot. Gaz.

Arber, Agnes.

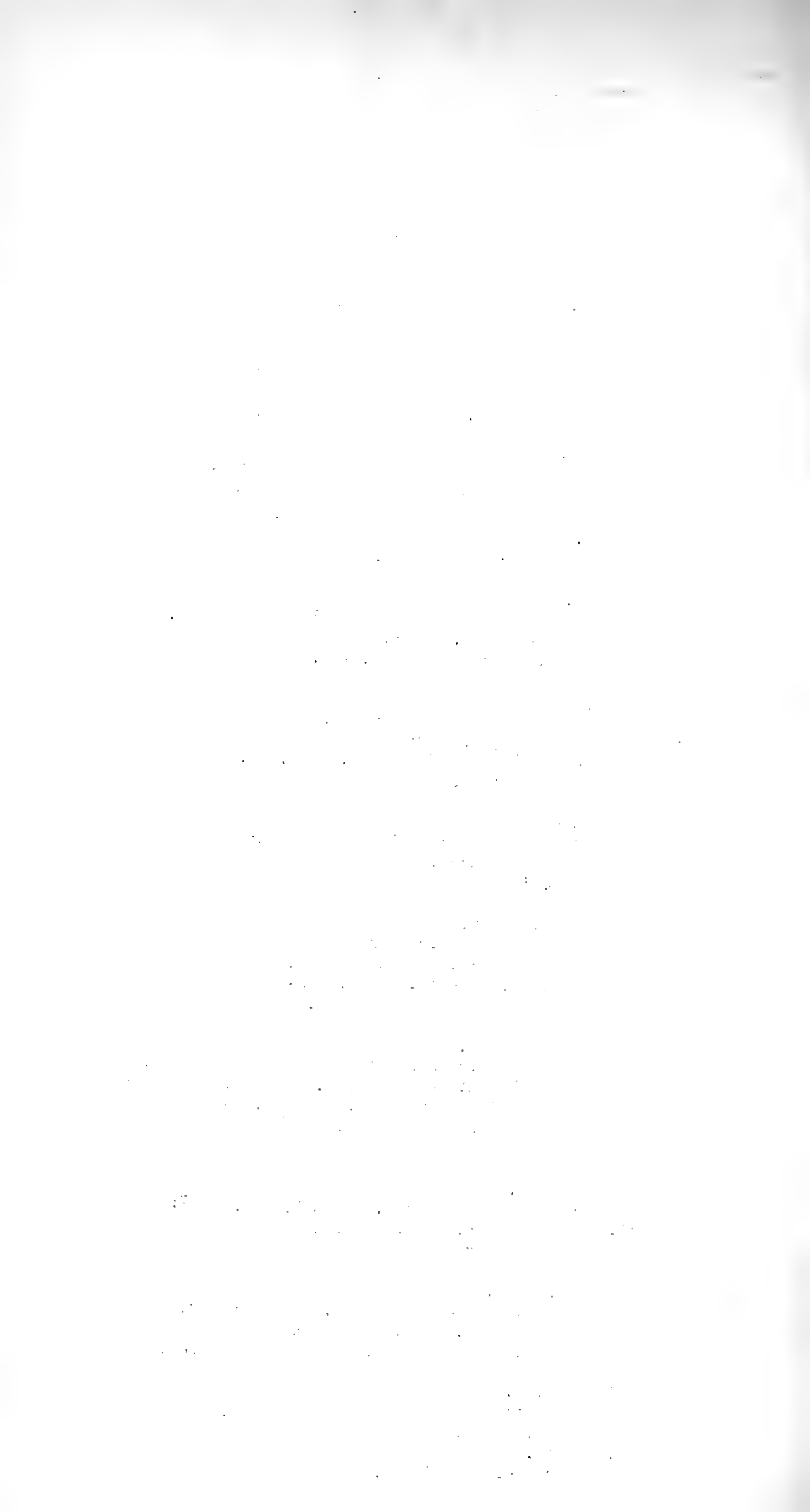
Leaves of Triglochin. Bot. Gaz. 77: 50-62.
pl. viii-x. Mr. 1924. no. 1.
Literature cited: p. 60-61.

Bachmann, F. M.

An unusual growth of mold. Bot. Gaz. 77:
111-114. illus. Mr. 1924. no.1.
Aspergillus and Penicillium on grapejuice.

Bailey, I. J.

Notes on neotropical ant-plants. III. Cordia
nodosa Lam. Bot. Gaz. 77: 32-49. illus.,
pl. vi-vii. Mr. 1924. no. 1.
Literature cited: p. 48.



Bot. Gaz. (cont.)

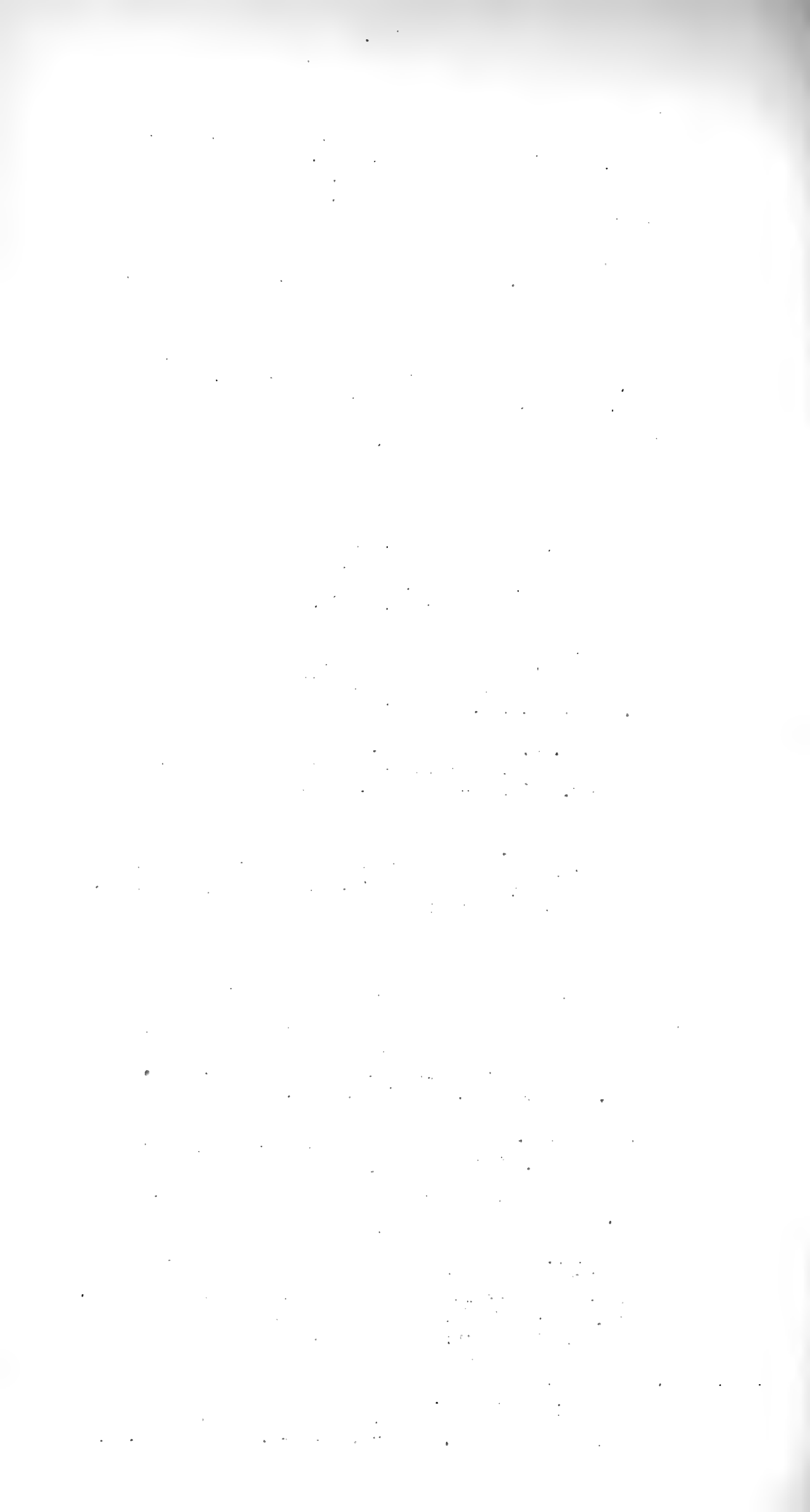
- Bell, H. P.
Fern rusts of *Abies*. Bot. Gaz. 77: 1-31.
illus., pl. i-v. Mr. 1924. no. 1.
Literature cited: p.28-29.
Peridermium pycnogrande, *F. pycnoconspicuum*,
Uredinopsis polypodophila, n.sp.
- Butters, F. K.
Edward W.D. Holway. Bot. Gaz. 77: 115-116.
port. Mr. 1924. no. 1.
- Degener, Otto.
Four new stations of *Lycopodium prothallia*.
Bot. Gaz. 77: 89-95. illus., pl. xi-xiii. Mr.
1924. no. 1.
- Gortner, R. A. & Hoffman, W. F.
Quantitative estimation of chlorides and sulphates
in expressed plant tissue fluids. Bot. Gaz. 77:
96-102. Mr. 1924. no. 1.
- Greaves, J. E. & Carter, E. G.
Influence of sodium arsenite on microflora of
soil. Bot. Gaz. 77: 63-72. Mr. 1924. no. 1.
Literature cited: p. 71-72.
- Reid, M. E.
Relation of kind of food reserves to regeneration
in tomato plants. Bot. Gaz. 77: 103-110. illus.
Mr. 1924. no. 1.
- Stokey, A. G. & Starr, A. M.
Lycopodium prothallia in western Massachusetts.
Bot. Gaz. 77: 80-88. Mr. 1924. no. 1.
Literature cited: p. 88.
- Vries, Hugo de.
Preferential fertilization in *Oenothera lamarc-*
kiana. Bot. Gaz. 77: 73-79. Mr. 1924, no. 1.
Literature cited: p. 79.

Bull. Soc. Chim. Biol.

- Charpentier, Jean.
Sur les pectines retirées du céleri-rave, des
tubercules de *Stachys tuberifera* et de l'écorce
d'orange amère. Application du procédé biochimique
de caractérisation du galactose à l'étude de la
composition de ces pectines. Bull. Soc. Chim.
Biol. 6: 142-156. F. 1924. no. 2.
- Fromageot, C.
Sur les relations entre l'état physico-chimique
et le fonctionnement du protoplasma: photosynthèse
et respiration. Bull. Soc. Chim. Biol. 6: 169-
180. F. 1924. no. 2.
- Isaacs, L.
Sur la présence du silicium dans les tissus. Une
micro-méthode de dosage du silicium. Bull. Soc. Chim.
Biol. 6: 157-168. F. 1924. no. 2.
Bibliographia: p. 167-168.

Bull. So. Calif. Acad. Sci.

- Davidson, Anstruther.
Eriogonum crocatum n.sp. Bull. So. Calif.
Acad. Sci. 23: 17. illus. Ja.-F. 1924. no. 1.



Bull. So. Calif. Acad. Sci. (cont.)

Moxley, G. L.

An albino form of *Zauschneria*. Bull. So. Calif. Acad. Sci. 23: 12. Ja.-F. 1924. no. 1.

Il Coltiv.

Bianchedi, A.

Il carciofo di campagnano. Il Coltiv. 70: 244-247. illus. Mr.20, 1924.

Bochicchio, Nicola.

Alcune varietà di granturco "Strampelli" alla prova nell'Ascolano. Il Coltiv. 70: 201-205. illus. Mr.10, 1924. no. 7.

Compt. Rend. Acad. Sci. Paris.

Puymaly, A. de.

Sur le vacuome des algues vertes adaptées à la vie aérienne. Compt. Rend. Acad. Sci. Paris. 178: 958-960. Mr.10, 1924. no.11.

Contr. Gray Herb.

Johnston, I. M.

Studies in the Boraginaceae, - II. Contr. Gray Herb. n.s., 70: 1-61. Ap.1, 1924.

II. 1. A synopsis of the American native and immigrant borages of the subfamily Boraginaceae. 2. A tentative classification of the South American *Coldenias*.

Johnston, I. M.

Taxonomic records concerning American spermatophytes. Contr. Gray Herb. n.s. 70: 61-92. Ap.1, 1924.

1. *Parkinsonia* and *Cercidium*. 2. New or otherwise noteworthy plants. 3. A neglected paper by Jean Louis Berlandier. 4. On the validity of Molina's scientific names.

Deut. Landw. Presse.

Hoeltzermann, Felix.

Keimungs- und wachstumsbeschleunigung durch uspulun-beize. Deut. Landw. Presse. 51: 79. illus. F. 23, 1924. no. 8.

Floralia.

Schenk, P. J.

Parasieten van seringgen. Floralia. 45: 174. illus. (p.173) Mr.14, 1924. no.11.

Flor. Exch.

Waugh, F. A.

The desert holly. Flor. Exch. 57: 885.

illus. Mr.22, 1924. no.12.

Atriplex humenolytra.

Flow. Grow.

Noyes, I. G.

Amorphophallus rivieri. Flow. Grow. 11: 125. Ap. 1924. no. 4.

Phillips, Delphia.

The stranger flower. Flow. Grow. 11:

152. illus. Ap. 1924. no.4.

Shreve, R. W.

Iris root rot and "spent" rhizomes for propagating. Flow. Grow. 11: 146. Ap. 1924. no.4.

Soares, A. J.

Penstemon. Flow. Grow. 11: 156. Ap. 1924. no. 4.

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both primary and secondary data collection techniques. The primary data was gathered through direct observation and interviews, while secondary data was obtained from existing reports and databases.

The third section details the statistical analysis performed on the collected data. This involves the use of descriptive statistics to summarize the data and inferential statistics to test hypotheses. The results of these analyses are presented in a clear and concise manner, highlighting the key findings of the study.

Finally, the document concludes with a summary of the findings and their implications. It discusses the limitations of the study and suggests areas for future research. The author expresses confidence in the reliability of the data and the validity of the conclusions drawn from the analysis.

Fruit, Gard. & Home.

Shockey, Gertrude.

The virtues of pawpaws. Fruit, Gard. &
Home. v.2, no.8. p.17, 48. Ap. 1924.

Fruit World. Australasia.

Allen, W. J.

Passion fruit culture. Methods of dealing with
plant diseases. Fruit World Australasia. 25:
157-158. Mr. 1924. no. 3.

Brittlebank, C. C. & Adam, D.B.

A transit rot of soft fruits. Orchard sanitation
and clean railway trucks are necessary to defeat the
fungus. Fruit World Australasia. 25: 117.
illus. Mr. 1924. no.3.

Rhizopus nigricans.

Thomas, P. H.

The powdery mildew of the apple. *Fodosphaera*
oxyacantha. Methods of control. Fruit World
Australasia. 25: 121-122. Mr. 1924. no. 3.

Garden.

Cox, E.H.M.

The triflorum series of *Rhododendrons*.
Garden. 88: 168-169. illus. Mr.15, 1924.
no. 2730.

Wilson, E. H.

New and rare conifers. Garden. 88: 166-
167. illus. Mr.15, 1924. no. 2730.
Picea wilsonii, *Picea asperata*, *Abies fargesii*.

Gard. Chron.

Jordan, F.

Mushrooms. Gard. Chron. III, 75: 150.
Mr.15, 1924. no.1942.

Oliver, F. W.

Spartina townsendii. Gard. Chron. III,
75: 148. Mr. 1924. no.1942.

Gartenw.

Gielsdorf, K.

Die kakteen in der kultur. Gartenw. 28:
59-62. illus. F.22,1924. no. 8.

Genetics.

Anderson, Edgar.

Studies on self sterility VI. The genetic basis
of cross-sterility in *Nicotiana*. Genetics. 9:
13-40. Ja. 1924. no. 1.
Literature cited: p. 39-40.

Castle, W.E. & Wachter, W.L.

Variations of linkage in rats and mice. Genetics.
9: 1-12. Ja. 1924. no. 1.
Literature cited: p.12.

Warren, D.C.

Inheritance of egg size in *Drosophila melanogaster*.
Genetics. 9: 41-69. Ja. 1924. no. 1.
Literature cited: p. 69.

Mavor, J. W. & Svenson, H.K.

An effect of X rays on the linkage of Mendelian char-
acters in the second chromosome of *Drosophila melano-*
gaster. Genetics. 9: 70-89, Ja.1924. no.1.
Literature cited: p. 87.

Istria Agr.

Calegari, M.

Le piante medicinali spontanee e coltivate. IV.
Istria Agr. 4: 78-81. F.29, 1924. no. 4.

Journ. Agr. Prat.

Ducomet, Vital.

Maladie verruqueuse de la pomme de terre.
Journ. Agr. Prat. 88: 196-198. illus. Mr.8,
1924. no.10.

Journ. Agr. Res.

Artschwager, Ernst.

On the anatomy of the sweet potato root, with
notes on internal breakdown. Journ. Agr. Res.
27: 157-166. illus., pl. i-iv. Ja.19, 1924.
(Rec'd Mr.29,1924) no.3.
Literature cited: p. 166.

Davidson, Jehiel & Wherry, E. T.

Changes in hydrogen-ion concentration produced
by growing seedlings in acid solutions. Journ.
Agr. Res. 27: 207-217. Ja.26, 1924 (Rec'd Mr.28,
1924) no.4.
Literature cited: p. 217.

Garner, W.W., Bacon, C.W., & Allard, H. A.

Photoperiodism in relation to hydrogen-ion
concentration of the cell sap and the carbohydrate
content of the plant. Journ. Agr. Res. 27: 119-
156. pl. i-ii. Ja.19, 1924. (Rec'd Mr.29, 1924)
no.3.
Literature cited: p. 155-156.

McCulloch, Lucia.

A bacterial blight of gladioli. Journ.
Agr. Res. 27: 225-230. pl. 1-2. Ja.26, 1924 (Mr.28,
1924) no.4.

Reddy, C.S. & Holbert, J. R.

The black-bundle disease of corn. Journ. Agr.
Res. 27: 177-206. pl. 1-6. Ja.26, 1924 (Rec'd
Mr.28, 1924) no.4.

Literature cited: p. 203-205.

Journ. Dept. Agr. & Techn. Instr. Ireland.

Murphy, P.A. & McKay, Robert.

Investigations on the leaf-roll and mosaic
diseases of the potato. Journ. Dept. Agr. &
Techn. Instr. Ireland. 23: 344-364. illus.,
plates. F. 1924. no.4.

Journ. Dept. Agr. So.Australia.

Horehound as a noxious weed. Journ. Dept.
Agr. So.Australia. 27: 574. Ja.15, 1924.
no. 6.

Marrubium vulgare.

Quinn, D. G.

Downy mildew (*Plasmopara viticola*). Journ.
Dept. Agr. So.Australia. 27: 540-550. illus.
Ja.15, 1924. no.6.

"Take-all" investigations. Journ. Dept. Agr.
So.Australia. 27: 566-570. Ja.15, 1924. no.6.

Journ. Dept. Agr. Victoria.

Castella, F. de.

Oidium of the vine. *Uncinula spiralis* (Berkeley & Cooke) Journ. Dept. Agr. Victoria. 23: 98-108. illus. F. 1924. no.2.

Journ. Dept. Sci. Univ. Calcutta

Brühl, Paul & Biswas, K.P.

Commentationes algologicae. II-III. Journ. Dept. Sci. Univ. Calcutta. 5 (Bot.): 1-22. pl. i-vii; 1-6. pl. viii-xi. 1923.

II. Algae epiphyticae epiphloiae Indicae or Indian bark algae. III. On a species of *Compsopogon* growing in Bengal. [*C.coeruleus*]

Brühl, Paul. & Dutta, Atulchandra.

Commentationes phytomorphologicae et phyto-physiologicae. II. *Eichhornia* studies. Journ. Dept. Sci. Univ. Calcutta. 5(Bot.): 1-9. pl. xii-xvi. 1923.

Journ. Gen. Physiol.

Loeb, Jacques, 1859-1924.

Theory of regeneration based on mass action. III. Journ. Gen. Physiol. 6: 463-477. illus. Mr.20, 1924. no. 4.

Journ. N.Y. Bot. Gard.

Small, J. K.

The land where spring meets autumn. Journ. N.Y. Bot. Gard. 25: 53-94. pl. cclxxxv-cclxxxvii. Mr. 1924. no.291.

A record of exploration in Florida in December, 1921.

Stout, A. B.

Rubber plants. Journ. N.Y. Bot. Gard. 25: 94-96. Mr. 1924. no.291.

Abstract of a lecture given in the Central Display House of Conservatory Range 2, Ja.12,1924.

K. Landtbr. Akad. Handl. o. Tidskr.

Arrhenius, Olaf.

Försök till bekämpande av havrens gråfläcksjuka. II. Kär- och fältförsök. K. Landtbr. Akad. Handl. o. Tidskr. 63: 192-210. 1924. no.2.

Litteratur: p. 210.

Lindfors, Thore.

Studier över fusarioser III. De senaste årens försök med betning mot snömjöl. K. Landtbr. Akad. Handl. o. Tidskr. 63: 211-223. 1924. no. 2.

Lingnaam Agr. Rev.

Groff, G.W., & Ding, Edward, & Groff, E. H.

An enumeration of the McClure collection of Hainan plants. Lingnaam Agr. Rev. v.1, no.2. p. 27-86. Je. 1923.

Matières Grass.

Michotte, Félicien.

Les palmiers producteurs d'huiles (cont.)
Matières Grass. 16: 6709-6712. Mr.15, 1924. no. 191.

Rolet, Antonin.

Le tournesol oléifère. Matières Grass. 16: 6716-6718. Mr.15, 1924. no. 191.

Medd. Centralanst. Försöksv. Jordbr. Sweden.

Feilitzen, Hj. von & Barthel, Chr.
Försök med sulgine och biogine. Medd.
Centralanst. Försöksv. Jordbr. Sweden. 254.
16 p. 1924.
English summary: p. 16.

Mycologia.

Murrill, W. A.
Lake Placid fungi. Mycologia. 16: 96-
98. Mr. 1924. no. 2.

Orton, C. R.
Studies in the morphology of the ascomycetes.
I. Mycologia. 16: 49-95. pl. viii-ix. Mr.
1924. no. 2.
Bibliography: p. 92-95.
I. The stroma and the compound fructification
of the Dothideaceae and other groups.

Nachrichtenbl. Deut. Pflanzenschutzd.

Bremer, Hans.
Zur frage der bodendesinfektion gegen kohl-
hernie. Nachrichtenbl. Deut. Pflanzenschutzd.
4: 16-17. Mr.1, 1924. no.3.

Verbreitung des kartoffelkrebsses im Deutschen
reich. Nachrichtenbl. Deut. Pflanzenschutzd.
4: 15-16. Mr.1,1924. no.3.

Nat. Belge.

Correvoon, Henry.
Les camapmules alpines et saxatiles. Nat.
Belge. 5: 35-38. (cont.) Mr. 1924. no.3.

Nature Mag.

Comstock, A. B.
A green tree in the desert. Nature Mag.
3: 234-235. illus. Ap. 1924. no. 4.

Hansen, A. A.
Arbutus. Nature Mag. 3: 229, 250, 256.
illus. Ap. 1924. no.4.

Westwood, R. W.
The nursery: Forestry's show window. Nature
Mag. 3: 230, 248. illus. Ap. 1924. no. 4.

Naturwissenschaften.

Vries, Hugo de.
Ueber scheinbastarde. Naturwissenschaf-
ten. 12:161-165. F.29, 1924.

New Zeal. Journ. Agr.

Cunningham, G. H.
Fabraea-scald, Fabraea maculata (Lev.) Atk.
New Zeal. Journ. Agr. 28: 96-102. illus.
F.20, 1924. no.2.
Literature consulted: 102.

Levy, E. B.
The grasslands of New Zealand. Ser.II. The
Agrostis species - red-top, brown-top, and creeping-
bent. New Zeal. Journ. Agr. 28: 73-91. illus.
F.20,1924. no.2.

Pharm. Journ.

Kassner, H. C.

The histological and chemical examination of the seeds of *Ipomoea hederacea*, Jacquin and other species of *Ipomoea*. (cont.) Pharm. Journ. 112: 261-264. illus. Mr.15, 1924. no.3152.

Phytopath.

Abstracts of papers presented at the seventh annual meeting of the Pacific division of the American Phytopathological society, Los Angeles, California, September 18 to 21, 1923. Phytopath. 14: 119-125. F. 1924. no. 2.

Fromme, F. D.

The rust of cowpeas. Phytopath. 14: 67-79. illus., plate. F. 1924. no.2. *Nigredo vignae* (Barcl.) comb.nov.

Severin, H. H. P.

Curly leaf transmission experiments. Phytopath. 14: 80-93. illus. F. 1924. no.2.

Literature cited: p. 93.

Sievers, F. J.

Crop injury resulting from magnesium oxide dust. Phytopath. 14: 108-113. illus. F. 1924. no.2.

Smith, R. G.

A chemical and pathological study of decay of the xylem of the apple caused by *Polystictus versicolor* Fr. Phytopath. 14: 114-118. F. 1924. no.2.

Literature cited: p. 118.

Stevens, N. E.

Notes on cranberry fungi in Massachusetts. Phytopath. 14: 101-107. F. 1924. no. 2.

Tehon, L. R. & Young, P. A.

Notes on the climatic conditions influencing the 1923 epidemic of stem rust on wheat of Illinois. Phytopath. 14: 94-100. F. 1924. no.2.

Wakefield, E.M.

On the names *Sclerotinia sclerotiorum* (Lib.) Masee, and *S.libertiana* Fuckel. Phytopath. 14: 126-127. F. 1924. no. 2.

Young, P. A.

Red plum curl (caused by *Exoascus mirabilis* Atk.) Phytopath. 14: 126. F. 1924. no.2.

Proc. Tenn. State Hort. Soc.

Anderson, H. W.

Control of the apple blotch. Proc. Ann. Conv. Tenn. Hort. Soc. 18: 23-27. 1923?

Schneiderhan, F.J.

Some important facts of apple scab control. Proc. Ann. Conv. Tenn. Hort. Soc. 18: 27-35. 1923?

Hesler, L. R.

Fire blight of fruit trees, and its control. Proc. Ann. Conv. Tenn. Hort. Soc. 18: 51-57. illus. 1923?

The first part of the report discusses the general situation of the country and the progress of the work done during the year. It also mentions the various committees and their work.

The second part of the report deals with the financial accounts and the expenditure incurred during the year. It also mentions the various sources of income and the balance of the fund.

The third part of the report discusses the various projects and schemes undertaken during the year. It also mentions the progress made in each of these projects.

The fourth part of the report deals with the various committees and their work. It also mentions the various reports submitted by these committees.

The fifth part of the report discusses the various activities and programmes conducted during the year. It also mentions the progress made in each of these activities.

The sixth part of the report deals with the various reports and documents submitted during the year. It also mentions the progress made in each of these reports.

The seventh part of the report discusses the various proposals and suggestions received during the year. It also mentions the progress made in each of these proposals.

The eighth part of the report deals with the various resolutions and decisions taken during the year. It also mentions the progress made in each of these resolutions.

The ninth part of the report discusses the various achievements and successes of the organization during the year. It also mentions the progress made in each of these achievements.

The tenth part of the report deals with the various plans and programmes for the future. It also mentions the progress made in each of these plans.

Proc. & Trans. Roy. Soc. Canada.

Best, C. H. & Scott, D. A.
An insulin-like substance in plants.
Proc. & Trans. Roy. Soc. Canada. III, 17(Sect.V):
87-88. My. 1923. (Rec'd Mr. 1924)
References: p. 88.

Dickson, B. T.
Saltation in the organism causing "black dot"
disease of potato in Canada. Proc. & Trans. Roy
Soc. Canada. III, 17(Sect.V): 123-128. illus.,
pl. iii. My. 1923 (Rec'd Mr. 1924)
Bibliography: p. 127.
Undetermined but belongs in the "Colletotrichum-
Vermicularia-Volutella" group.

Fritz, C. W.
Cultural criteria for the distinction of wood-
destroying fungi. Proc. & Trans. Roy. Soc. Can-
ada. III, 17(Sect.V): 191-283. pl. i-xii. My.
1923. (Rec'd Mr. 1924)

Lloyd, F. E.
Fluorescence in Cyanophyceae. Proc. &
Trans. Roy. Soc. Canada, III, 17(Sect.V): 129-136.
My. 1923 (Rec'd Mr. 1924)
Bibliography: p. 136.

Scarth, G. W.
Adhesion of protoplasm to cell wall and the
agents which cause it. Proc. & Trans. Roy. Soc.
Canada. III, 17(Sect.V): 137-143. My. 1923 (Rec'd
Mr. 1924)
Bibliography: p. 143.

Progr. Agr. & Vitic.

Grandvoinet, Jules.
Destruction des herbes nuisibles dans les
céréales. Progr. Agr. & Vitic. 41: 257-259.
illus. plate. Mr. 16, 1924. no. 11.

Queensl. Agr. Journ.

Bunchy top control. Queensl. Agr. Journ. 21:
152-153. F. 1924. no. 2.

Cattle mortality at Jandowae. Grass-tree the
reported cause. Queensl. Agr. Journ. 21: 97.
F. 1924. no. 2.

Watson, F. J.
A milk tainting weed. (*Monococcus echinophorus*)
Queensl. Agr. Journ. 21: 153. F. 1924. no. 2.

Rev. Agr. Colombia.

Amis, A. H.
Control de las placas de insectos y de las
enfermedades de las patatas. Rev. Agr. Colombia.
8: 350-356. Je. 1923 (Rec'd Mr. 1924) no. 6.

Rev. Agr. Santo Domingo.

Borsch, Martinez.
Nuestras papas. Rev. Agr. Santo Domingo.
18: 134-145. illus. F. 29, 1924. no. 8.

Calvino, Mario.
El sistema "reynoso" de plantar Yuca. Rev.
Agr. Santo Domingo. 18: 145-147. illus. F. 29,
1924. no. 8.

PHYSICS 551 - QUANTUM MECHANICS

LECTURE 10: ANGULAR MOMENTUM

1. Angular momentum operators

2. Commutation relations

3. Eigenvalues and eigenfunctions

4. Addition of angular momentum

5. Clebsch-Gordan coefficients

6. Applications

7. Summary

8. Homework assignments

9. References

10. Additional resources

11. Contact information

Rev. Hort.

Guillaumin, André.
Un nouveau Begonia de Madagascar. *Begonia trullae-*
folia. Rev. Hort. 96: 53. illus. Mr. 1924.
no. 3.

Martinet, H. & Lesourd, F.
Le chaire de culture au Museum d'histoire
naturelle. (cont.) Rev. Hort. 96: 55-60.
illus. Mr. 1924. no. 3.

Mottet, Seraphim.
Helwingia rusciflora. Rev. Hort. 96: 62.
illus. Mr. 1924. no. 3.

Rhodora.

Blake, S. F.
Notes on American Lespedezas. *Rhodora.* 26:
25-34. illus. F. 1924. no. 302.

New England botanical club.
Reports on the flora of the Boston district-XLIII.
Rhodora. 26: 34-36. F. 1924. no. 302.

Pease, A. S.
Eleocharis tuberculosa in New Hampshire. *Rhodora.*
26: 37-38. F. 1924. no. 302.

Weatherby, C. A.
Two more wool-waste plants from Westford, Mass.
Rhodora. 26: 38-39. F. 1924. no. 302.

Science.

Gericke, W. F.
The beneficial effect to plant growth of the
temporary depletion of some of the essential elements
in the soil. *Science.* 59: 321-324. Ap. 4,
1924. no. 1527.

Johnson, D. W. & Stolfus, M. A.
The submerged coastal plain and oldland of New
England. *Science.* 59: 291-293. Mr. 28, 1924.
no. 1526.

Snell, W. H.
Hypersensitivity to the castor bean. *Science.*
59: 300. Mr. 28, 1924. no. 1526.

Science Progr.

Shurlock, F. W.
Erasmus Darwin. *Science Progr.* 18: 447-353.
port. Ja. 1924. no. 71.

West, Cyril.
Plant physiology. *Science Progr.* 18: 386-
392. Ja. 1924. no. 71.

Scient. Agr.

McRostie, G. P.
Longevity of alfalfa and clover seeds. *Scient.*
Agr. 4: 236-238. Ap. 1924. no. 8.

Stone, R. E.
Preliminary investigations on the root-rot and
blight of canning peas. *Scient. Agr.* 4: 239-241.
Ap. 1924. no. 8.

... the ... of ...
 ... the ... of ...
 ... the ... of ...

... the ... of ...
 ... the ... of ...
 ... the ... of ...

... the ... of ...
 ... the ... of ...
 ... the ... of ...

... the ... of ...
 ... the ... of ...
 ... the ... of ...

... the ... of ...
 ... the ... of ...
 ... the ... of ...

Scient. Month.

- Morse, E. S.
Joseph Leidy's influence on science. Scient.
Month. 18: 422-427. Ap. 1924. no. 4.

Seed World.

- Schmidt, David.
Legume seed treatment to decrease hard seed
content. Seed World. v.15, no.6. p.22-23.
illus. Mr.21, 1924.

Soil Sci.

- Clark, N.A. & Roller, E.M.
"Auximones" and the growth of the green plant.
Soil Sci. 17: 193-198. Mr. 1924. no. 3.
References: p. 197-198.

- Parker, F. W.
Carbon dioxide production of plant roots as a
factor in the feeding power of plants. Soil Sci.
17: 229-247. Mr. 1924. no. 3.
References: p. 246-247.

- Viljoen, J. A. & Fred, E.B.
The effect of different kinds of wood and of
wood pulp cellulose on plant growth. Soil Sci.
17: 199-206. pl. i-iii. Mr. 1924. no. 3.
References: p. 208.
Unfavorable action of wood on plant growth due
to lack of nitrate in soil.

Tijdschr. Plantenz.

- Paerels, J.J.
Overzicht over de voornaamste ziekten en
plagen van den cacaoboom op Java. Tijdschr.
Plantenz. 30: 51-61. 1924. no. 3.

Trop. Agr.

- Bertus, L. S.
Blister blight of tea. Trop. Agr. 62: 73-
75. plate. F. 1924. no. 2.

- Molegode, W.
The arecanut in Ceylon. Trop. Agr. 62: 123-
125. F.1924. no.2.

- Molegode, W.
Bandakka and its value. Trop. Agr. 62: 126.
F. 1924. no. 2.
Hibiscus esculentus.

- Molegode, W.
Some uncultivated oil yielding trees and plants.
Trop. Agr. 62: 87-89. F. 1924. no. 2.

U.S. Dept. Agr. Bull.

- McIndoo, N.E. & Sievers, A. F.
Plants tested for or reported to possess
insecticidal properties. U. S. Dept. Agr. Bull.
1201. 61 p. Mr. 1924.
Literature cited: p. 54-58.
Index of botanical and common names of plants
catalogued: p. 59-61.

U. S. Dept. Agr. Circ.

- Stoddard, E.M., Rose, D.H., & Stevens, N. E.
Spraying strawberries for the control of fruit
rots. U. S. Dept. Agr. Circ. 309. 4 p. Mr.
1924.



U.S. Dept. Agr. Farmers' Bull.

Fisher, D.F. & Brooks, Charles.
Control of brown-rot of prunes and cherries in
the Pacific northwest. U.S. Dept. Agr. Farm. Bul.
1410. 12 p. illus. Mr. 1924.

Pieters, A. J.

Clover failure. U.S. Dept. Agr. Farm. Bul.
1365. 24 p. illus. Ja. 1924 (Rec'd Mr.)

U.S. Dept. Agr. Plant Dis. Bul.

U.S. Dept. of agriculture - Bureau of plant indus-
try - Plant disease survey.

Diseases of forest and shade trees, ornamental
and miscellaneous plants in the United States in
1922. Its. Plant disease bulletin, Suppl. 29.
p. 393-461. Ag. 1923.

Vict. Nat.

Paton, D. J.

Plants of the "whipstick" scrub, Bendigo.
Vict. Nat. 40: 189-204. plate. F. 1924.
no. 10.

Vie Agr. et Rur.

Mottet, Seraphim.

Les arbres et arbustes d'ornement de pleine
terre les clematites. Vie Agr. & Rur. 24: 166-
168. illus. Mr. 15, 1924, no. 11.

West. Fruit.

Morris, O. M.

Winter injury of fruit trees. West. Fruit,
v. 6, no. 3. p. 1-4, 23. illus. Mr. 1924.

Yearbk. Carnegie Inst. Washington.

Clements, F. E.

Ecology. Yearbk. Carnegie Inst. Washington.
no. 22. 1922/23. p. 302-322. 1924.

The phytometer method. F. E. Clements & G. W. Gold-
smith. - Slope-exposure studies. F.E. Clements & Dolly
Lutjeharms. - The water cycle in plants. F.E. Clements
& J.V.G. Loftfield. - Studies in aeration. F.E.
Clements & G.W. Goldsmith. - Physical properties of the
sap of Engelmann spruce. G.W. Goldsmith & J.H.C.
Smith. - Experimental pollination. F.E. Clements &
Frances Long. - Translocation and storage in
Austumn. F.E. Clements, Frances Long & J.V.G. Loft-
field. - Factors involved in opening and closing of
flowers. G.W. Goldsmith. - Experimental taxonomy. F.E.
Clements, H.M. Hall & David Mason. - Experimental
mycology. F.E. Clements & E.S. Clements. - Phylogenetic
method in taxonomy. F.E. Clements & H. M. Hall. - Taxonomy
of Haplopappus. H.M. Hall. Taxonomy of the Madieae. H.M. Hall.
- Rubber plants. H.M. Hall & Frances Long. - Latex and
laticiferous tissue. Frances Long. - Experimental vegetation.
F.E. Clements & J.E. Weaver. - Water-loss from vegetation
in its normal soil relation. J.E. Weaver & John W. Crist. -
Plant production as a measure of environment. J.E. Weaver,
- Relation of holard to root development and yield. F.C.
Jean & J.E. Weaver. - Destruction of the range by prairie
dogs. W.P. Taylor & J.V.G. Loftfield. - Soil fauna. G.W.
Goldsmith. - Principles and methods of bio-ecology. F.E.
Clements & W.P. Taylor. - Climax formations; Changes in
grassland. F.E. & E.S. Clements. - The original vegetation
of Death Valley; Application of the relict method; Rain-
fall and climatic cycles. F.E. Clements. - Methods and prin-
ciples in palaeo-ecology. F.E. Clements & R.W. Chaney. -
Biotic succession in bad-lands; Succession in dunes and sand-
hills, F.E. Clements. - Permanent quadrats and transects. F.E.
Clements & J.V.G. Loftfield. - Grazing research. F.E. Clements,



Yearbk. Carnegie Inst. Washington. (cont.)

Clements, F.E.

Ecology. Yearbk. Carnegie Inst. Washington.
no.22. 1922/23. p.302-322. 1924. (cont.)

J.V.G. Loftfield & H.M. Hall. - Research in hay-
fever. Pacific coast and Great Basin. H.M. Hall. -
Rocky Mt. and Mississippi Valley regions. F.E.
Clements, W.V. Mullin, R.J. Gilmore, & J.H.C. Smith.

Harris, J.A.

The physico-chemical properties of the leaf-tissue
fluids of Egyptian and Upland cotton and of their
hybrids. Yearbk. Carnegie Inst. Washington. no.22.
1922/23. p.106. 1924.

Interchromosomal mutation. Yearbk. Carnegie
Inst. Washington. no.22. 1922/23. p. 85-96.
illus. 1924.

Trisomic types of mutants; primary and secondary.
A.F. Blakeslee. - Other mutant types in *Datura*. John
Belling. - Rate of pollen-tube growth in *Datura*
mutants. J.T. Buchholz. - Irregular segregation in chromo-
somes; Non-disjunction in tetraploid plants. J.Belling. -
Diploid plants with one extra chromosome. Diploid plants
with one chromosome missing. A.F. Blakeslee & J.Belling.
- Tetraploidy and evolution.

MacDougal, D.T.

Laboratory for plant physiology. Yearbk. Car-
negie Inst. Washington. no.22 1922/23. p.43-66.
F. 1924.

Growth and permeability: Dendrographic records of
growth in trees. D.T. MacDougal. - Stem analysis
of Monterey pine and redwood. F.Shreve. - Growth
as a problem of permeability; Measurement changes
due to hydration of colloids, to altered permeability,
and to growth. D.T. MacDougal. Effect of salt solu-
tions on hydration and swelling of plant tissues. F.
T. McLean. - Relative effects of common metals in
producing contraction, expansion and plasmolysis of
cell-masses; Relative effects of some common ions
on hydration, absorption and permeability. D.T. Mac-
Dougal.

Photosynthesis & metabolism: An improved electro-metric
method of determining carbon dioxide for photo-
synthesis investigations; Effect of fluctuations in
the CO₂-content of the atmosphere on the rate of
respiration of leaves; The absorption of CO₂ by the
leaf material. H.A. Spoehr & J.M. McGee. - The re-
duction of carbondioxide. A.Locke. - Effect of ultra-
violet light on carbamine acids. H.A. Spoehr & A.
Locke. - Oxidation of glucose by means of air. H.A.
Spoehr. - Isolation of phosphatides from *Opuntia dis-
cata*. E.B. Working.

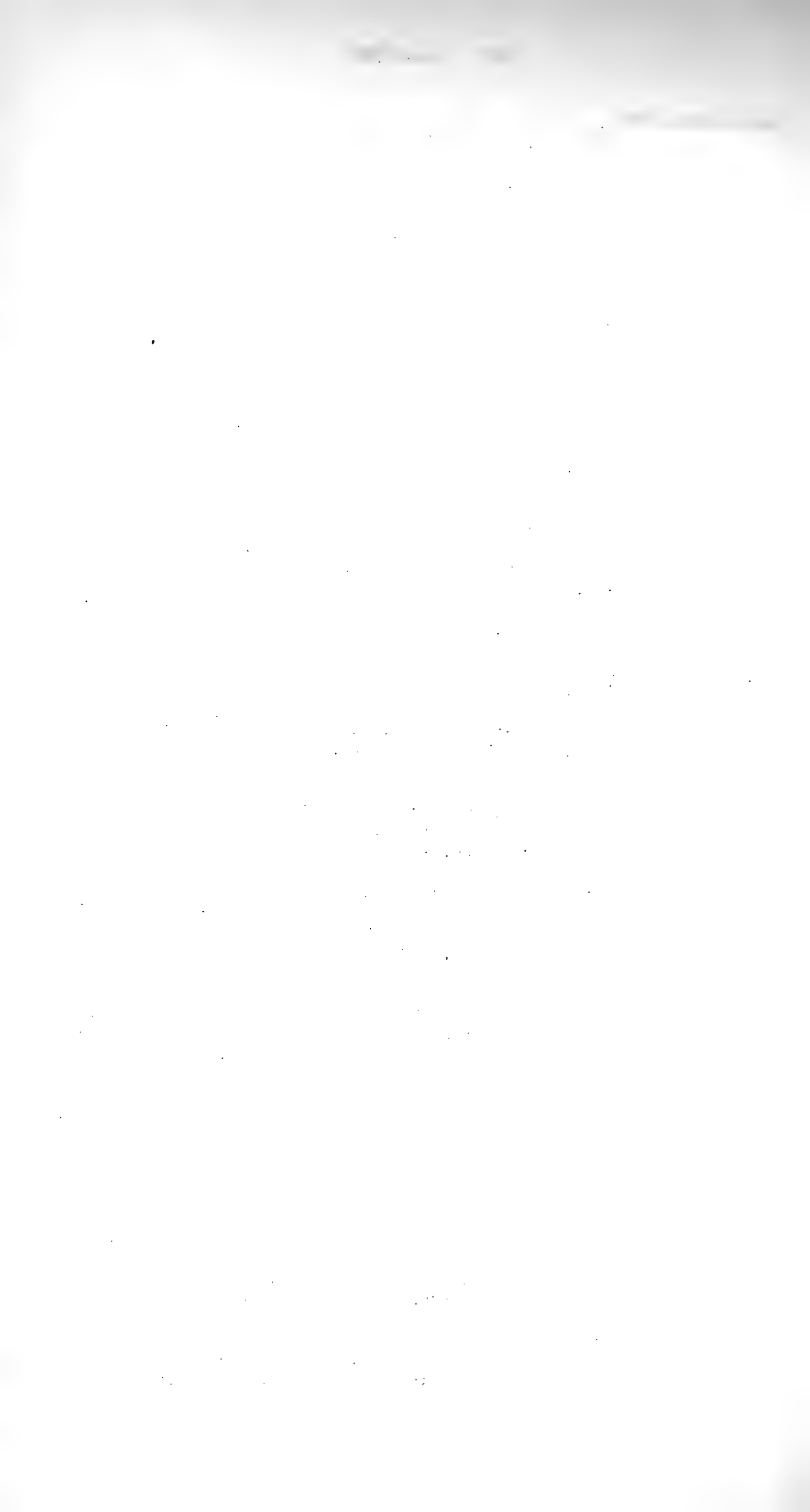
Ecology and phytogeography: Experimental investigations
on roots. W.A. Cannon. - Internal factors governing
the seasonal changes in the transpiration of *Encella
farinosa*. E.N. Shreve. - Ecology of the Santa Lucia
Mountains; Conditions influencing soil temperature.
F. Shreve. - Bacteria in arid soils. L.M. Snow. -
Composition of the water of the Salton Sea. E. B.
Working.

Exper. Stat. Publ.

- Tufts, W.P. & Philip, G.L.
Pear pollination. California Agr. Exp.
Stat. Bull.373. 36 p. illus. D. 1923 (Rec'd
Mr. 1924)
- Stuckey, H.P.
Vegetable gardening. Georgia Agr. Exp.
Stat. Bull.106. 36 p. illus. F. 1924.
Combating insect pests and fungus diseases of
garden plants. By B.B. Higgins & H.P. Stuckey:
p. 27-36.
Revised.
- Adams, J.F.
Plant diseases and their prevalence for 1923
in Delaware. Extens. Circ. Univ. Delaware. no.14.
29 p. Mr. 1924.
- Stuckey, H. P.
Watermelons. Georgia Exp. Stat. Bull.143:
110-131. illus. F.1924 (Rec'd Mr.)
Important diseases of the watermelon: p. 125-
131.
- Bessey, E.A.
Report of the Department of botany 1921/22.
Ann.Rep. Mich. Agr. Exp. Stat. 35th. p.204-208.
1923.
Includes report on work in plant pathological
investigations, by G.H. Coons and that on plant
physiology, by R.P. Hibbard.
- Clayton, E. E.
Investigations of cauliflower diseases on Long
Island. New York Agr. Exp. Stat. Bull.506. 16
p. illus. Ja. 1924.
- Joffe, J.S. & Conn, H. J.
Factors influencing the activity of spore-forming
bacteria in soil. New York Agr. Exp. Stat. Techn.
Bull.97. 21 p. Ja. 1924.
- Thayer, Paul.
The red and white currants. Their history, varieties,
and classification. Ohio Agr. Exp. Stat. Bull.371: 309-
394. illus., pl. i-xiv. Je. 1923.
- Morris, O. M.
Stationary spray plants. Wash. Agr. Exp. Stat.
Pop.Bull.125. 20 p. illus. Ja. 1924.

New Books.

- Berkhout, C.M.
De schimmelgeslachten Monilia, Oidium, Oospora
en Torula (Genera Monilia, Oidium, Oospora and Torula)
Utrecht, 1923.
Transl. into English by Mrs. Horst Ag.1923 avail-
able in Dept. Library.
- Blackman, V.H.
A report on gooseberry diseases in East Susses,
1922-1923. Hastings and Lewes, F.J. Parsons,
ltd. [1923]
12 p. 21 cm.



New Books (cont.)

- Bricout, D.
La pomme de terr. Origine - culture - maladies -
dégénérescence, emplois, etc. Renaix, 1923.
89 p.
Ennemis de la pomme de terre: p. 32-62.
- Lloyd, C.G.
Mycological notes. no.70. His Mycological
writings. v.7, no.3. S. 1923.
- Funke, G.L.
Onderzoekingen over de vorming van diastase
door *Aspergillus niger* van Tiegh. 's-Gra-
venhage, 1922.
- Maiden, J.H.
The forest flora of New South Wales. v.8,
pt. 5. 1923.
- North American flora. v.25, pt. 4. Mr.10,
1924.
Meliaceae, P.Wilson; Trigoniaceae, P.C. Stand-
ley; Vochyaceae, P.C. Standley, Polygalaceae, S.F.
Blake.
- Sartory, A. & Maire, L.
Compendium hymenomycetum. Fasc. 15-16. 1923.
Amanita.
- Schindler, Franz.
Handbuch des getreidebaus. 3. sehr verm. & verb.
aufl. Berlin, 1923.
- Wageningen, Plantenziektenkundige dienst.
Verslagen over de werkzaamheden van den planten-
ziektenkundigen dienst in het jaar 1922. Its Meded.
no.31. Wageningen, 1923.

Agric. Colon.

- Bruno, Francesco & Sorgès, Felice.
Ancora sulla utilizzazione industriale dell'
Andropogon citratus DC Agric. Colon. 18: 81-
85. Mr. 1924. no. 3.

Agron. Colon.

- Amann, Paul.
L'utilisation des bois de la forêt de la Côte
d'Ivoire en papeterie. Le parasolier. Agron. Colon.
10: 33-41. F. 1924. no. 74.

Amer. Bot.

- Claassen, Edo.
Abundance of Erysiphe. Amer. Bot. 30: 79.
Ap. 1924. no. 2.
- Claassen, Edo.
Oil-glands of the lemon. Amer. Bot. 30: 77-
78. Ap. 1924. no. 2.
- Clute, W. N.
Plant names and their meanings. XIX. Amer. Bot.
30: 54-63. Ap. 1924. no. 2.
Ericaceae. II.
- Hoar, R. S.
More dandelions. Amer. Bot. 30: 49-54. Ap.
1924. no. 2.
- Lyons, A. B.
Conspicuous tropical plants. Amer. Bot. 30:
64-67. Ap. 1924. no. 2.

Amer. Flor.

- Lettuce disease in Imperial valley. Amer. Flor.
62: 638-639. Ap. 5, 1924. no. 1870.
Organism undetermined.

Ann. Gembloux.

- Lathouwers, V.
Plantes-racines. A. Pommes de terre. Ann.
Gembloux. 30: 89-95. Mr. 1924. no. 3.
Enroulement (necrose du liber, leptonécrose) -
Mosaïque (souvent appelée "frisolée"): p. 89-91.

Arch. Rubbercult. Nederl.-Ind.

- Overeem, Caspar van.
Over het optreden van zwarte wortelschimmel
(Rosellinia) bij rubber en koffie. Arch. Rubber-
cult. Nederl.-Ind. 8: 135-137. pl. ii. Mr. 1924.
no. 3.
Literatuuroverzicht: p. 137.
English summary (A case of the black root-
disease (Rosellinia) affecting rubber and coffee):
p. 142.

Steinmann, A.

- Aanhangsel. Korte aantekeningen omtrent Ustulina
Arch. Rubbercult. Nederl.-Ind. 8: 140. Mr. 1924.
no. 3.
English summary (Note on Ustulina): p. 144.

Arch. Rubbercult. Nederl.-Ind. (cont.)

Steinmann, A.

Enkele mededeelingen over twee in Java tot nu toe minder bekende wortelschimmels bij *Hevea brasiliensis*. Arch. Rubbercult. Nederl.-Ind. 8: 138-140. pl. iii-iv. Mr. 1924. no.3.

English summary (Some observations on a few root-diseases of *Hevea brasiliensis*, up to now practically unknown in Java): p. 143-144.

Rosellinia sp. zwarte wortelschimmel. - *Sphaerostilbe repens*.

Steinmann, A.

Over een heksenbezem bij *Hevea brasiliensis*.

Arch. Rubbercult. Nederl. Ind. 8: 130-134. illus., pl. i. Mr. 1924. no.3.

Literatuuroverzicht: p. 133-134.

English summary (On the occurrence of a witches broom on *Hevea brasiliensis*) p. 141.

Austral. For. Journ.

White, C. T.

An insect-catching tree. Austral. For. Journ. 7: 36. Pl. 15, 1924. no.2.

Pisonia brunoniana.

Better Crops.

Hansen, A. A.

Robitin - a potent plant poison. Better Crops. v.2, no.2. p.22-23, 44. illus. Ap. 1924.

Found in Black locust (*Pouinia pseudacacia*)

Bol. Acad. Nac. Cienc. Cordoba.

Carlos, Spegazzini.

Acácieas Argentinas. Bol. Acad. Nac. Cienc. Cordoba. 26: 161-384. Illus. 1924. no.2/4.

Bibliografía general de las acácieas Argentinas: p.325-332.

Carlos, Spegazzini.

Algunos honguitos portorriqueños. Bol. Acad. Nac. Cienc. Cordoba. 26: 335-363. illus. 1924. no. 2/4.

Carlos, Spegazzini.

Honguillos exóticos. Bol. Acad. Nac. Cienc. Cordoba. 26: 369-403. illus. 1924. no.2/4.

Bot. Not.

Gertz, Otto.

Intravital guldimpregnation hos i guldhydrosol växande *Aspergillus*. Bot. Not. 1924: 195-205. no. 2.

Citerad litteratur: p. 204-205.

Gertz, Otto.

Otto Nordstedt. En minnesteckning. Bot. Not. 1924: 97-125. port. no.2.

Kronologisk förteckning över skrifter, utgivna av O. Nordstedt: p. 119-125.

Johan Nordal Fischer Wille. Bot. Not. 1924: 207. no. 2.

Johansson, K. & Samuelsson, G.

Nya Svenska archieracier. Bot. Not. 1924: 135-160.

Describes many new species.

Bot. Not. (cont.)

Lindfors, Thore.

Einige Kulturversuche mit Fusarium-arten in
nährlösungen von verschiedener wasserstoffionen-
konzentration. Bot. Not. 1924: 161-171. no.2.
Literatur: p. 170-171.

Seelieb, Wilhelm.

Beiträge zur Entwicklungsgeschichte von *Tofieldia*
calyculata (L.) Wahlenb. Bot. Not. 1924: 172-178.
illus. no. 2.

Broteria. Ser. Bot.

Rick, Johann.

Contributio ad monographiam polyporacearum rio-
grandensium. II. Broteria Ser.Bot. 21: 5-11. 1924.
no. 1.

Pau, Carlos.

El herbario de Planellas (cont.) Broteria.
Ser. Bot. 21: 43-48. 1924. no. 1.

Torrend, Camillo.

Les polyporacées du Brésil. (cont.) Broteria
Ser.Bot. 21: 12-42. pl. i-iv. 1924. no. 1.

Bulet. Inform.Grad.Pot.Univ.Cluj.

Pater, Bela.

Arbeiten aus dem laboratorium der arzneipflanzen-
versuchsstation in Cluj. Bulet. Inform. Grad.Bot.
Univ. Cluj. 3: 103-111. 1923. no. 4.
Summary: p. 103-104.

Bull. Agr. Res.Inst. Pusa.

Ajrekar, S. L. & Ranadive, J. D.

The relative responsibility of physical heat and
micro-organisms for the hot weather rotting of potatoes
in western India. Bull. Agr. Res. Inst. Pusa. 148.
18 p. pl. i-iii. 1923.

Bull. Cl. Sci. Acad. Roy. Belg.

Massart, Jean.

Recherches sur les organismes inférieurs.VIII.
Les réflexes chez les polyporées. Bull. Cl. Sci.
Acad. Roy. Belg. V,9: 272-277. illus. 1923. no.7/9.

Massart, Jean.

Sur l'autostérilité du coquelicot (*Papaver rhoeas*)
Bull. Cl.Sci.Acad.Roy.Belg. V,9: 459-453. 1923.
no.10/11.

Bull. For.Dept.So. Africa.

Miller, O. B.

A list of some native names of trees, shrubs, etc.
in use in the Transkeian Territories. (In lys van
sommige naturelle-benaminge vir bome, struik, ens.
in gebruik in die Transkeise gebied) Bull. Forest
Dept. So. Africa. , 1923, no.8. 23 p.

Bull. Jard. Bot. État Bruxelles.

Baker, Edmund & Wildeman, E. de.

Note sur des formes congolaises nouvelles du
genre *Crotalaria*. Bull. Jard.Bot. État. Bruxelles.
8: 129-141. N. 1923. no.2.

Baker, Edmund. & wildeman, E. de.

Sur quelques Indigofera du Congo belge. Bull.
Jard.Bot. État. Bruxelles. 8: 143-159. N. 1923. no.2.

Wildeman, Emile de.

Un *Argyrolobium* nouveau pour la flore du Congo.
Bull. Jard. Bot.État. Bruxelles. 8: 127-128. N.
1923. no.2.

Argyrolobium rufopilosum, nov.sp.

Bull. Jard. Bot. État. Bruxelles (cont.)

Wildeman, Emile de.

Un *Astragalus* nouveau de la région du Rutshuru
(Ruchuru) Bull. Jard. Bot. État. Bruxelles. 8:
125-126. N. 1923. no. 2.

Astragalus bequaerti, nov. sp.

Wildeman, Emile de.

Deux *Carduus* du Ruwenzori. Bull. Jard. Bot.
État. Bruxelles. 8: 115-118. N. 1923. no. 2.

Carduus butaguensis, *C. lanuriensis*, nov. sp.

Wildeman, Emile de.

Élie Marchal, conservateur honoraire du Jardin
botanique de l'État, professeur honoraire des
écoles normales de l'État et de la ville de Bruxelles.
Bull. Jard. Bot. État. Bruxelles 9: 1-20. port.
S. 1923.

Relevé des publications de Élie Marchal: p. 19-20.

Wildeman, Emile de.

Notes préliminaires sur deux bananiers indigènes
du Ruanda cultivés au Jardin d'essai de Kisantu, S. J.
(Congo Belge) Bull. Jard. Bot. État. Bruxelles.
8: 103-113. N. 1923. no. 2.

Musa ruandensis, *M. rubronervata*, nov. sp.

Wildeman, Emile de.

Notes sur le *Strephonema gilletii* de Willd. plante
oléagineuse du Congo. Bull. Jard. Bot. État. Bruxelles.
8: 119-124. pl. iii. N. 1923. no. 2.

Wildeman, Emile de.

Remarques sur les espèces africaines du genre
Grumilea Gaertn. Bull. Jard. Bot. État. Bruxelles.
9: 21-53. illus. S. 1923. no. 1.

Bull. Misc. Inform. Kew.

Borrer and Ralfs' simple triplet microscope.

Bull. Misc. Inform. Kew. 1924, p. 77-78.

Biographical note on Borrer.

Hutchinson, John.

Contributions towards a phylogenetic classification
of flowering plants. III. The genera of gymnosperms.

Bull. Misc. Inform. Kew. 1924: 49-66. no. 2.

Pearson, W. H.

Notes on Tasmanian hepatics. Bull. Misc. Inform.
Kew. 1924, p. 66-75. illus. no. 2.

Symphymitra weymouthii, *Lophocolea bicuspidata*,
Plagiochila hartziiana, *Lezgeria concavula*, n. sp.

Bull. Sci. Pharm.

Guillaume, Albert.

Le lupin: son importance en agriculture, sa
composition chimique, ses usages Bull. Sci.

Pharm. 31: 146-155. Mr. 1924. no. 3.

Maurin, E.

Richesse et variations saisonnières des
dérivés anthracéniques chez certains *Rhamnus*.

Bull. Sci. Pharm. 31: 135-138. Mr. 1924. no. 3.

- Bull. Soc. Bot. Ital.
Bolton, Pio.
Ricerche botaniche in prov. di Belluno e nell'
alto Adige. (concl.) Bull. Soc. Bot. Ital. 1924:
33-34. F. 1924. no. 2.
Indice delle pubblicazioni citate: p. 34.
- Chiovenda, Emilio.
Piante nuove dell'Angola raccolte dal dott. N.
Mazzocchi-Alemanni. Bull. Soc. Bot. Ital. 1924:
38-46. F. 1924. no. 2.
- Ciferri, R.
Prima contribuzione allo studio degli Ustilagin-
ales. Bull. Soc. Bot. Ital. 1924: 46-55, F. 1924.
no. 2.
- Bull. Soc. Centr. For. Belgique.
Dumonceaux,
Influence du lierre sur la végétation des arbres.
Bull. Soc. Centr. For. Belgique. 31: 154-157. Mr. 1924.
no. 3.
- Bull. Soc. Hist. Nat. Afr. Nord.
Maire, René.
Contributions à l'étude de la flore de l'Afrique du
nord. Bull. Soc. Hist. Nat. Afr. Nord. 15: 70-92. My. 27,
1909. no. 2.
- Bull. Soc. Mycol. France.
Bataille, Frédéric. & Crawshay, Richard.
Un bolet de la Bourboule, variété minor du
Boletus porphyrosporus. Bull. Soc. Mycol. France.
39: 267-268. pl. xi. F. 1924. no. 4.
- Bataille, Frédéric.
Flore analytique-descriptive des hydées terres-
tres d'Europe. Bull. Soc. Mycol. France. 39: 201-
216. F. 1924. no. 4.
Principaux auteurs et ouvrages cités: p. 216.
- Bellivier, J. & Dupain, V.
Note sur le Cortinarius pseudo-bolaris (Maire).
Cortinarius limonius (Quélet). Bull. Soc. Mycol.
France. 39: 217-220. pl. vii. F. 1924. no. 4.
- Bose, S. R.
Une polyporacée nouvelle de l'Inde. Bull.
Soc. Mycol. France. 39: 226. pl. viii. F. 1924.
no. 4.
Polyporus chocolatus, nov. sp.
- Bouchet, L.
Tou soc. - Scabello tou soc. Bull. Soc. Mycol.
France. 39: 272-273. F. 1924. no. 4.
- Bourdot, Hubert. & Galzin, A.
Heterobasidiaceae nondum descriptae. Bull. Soc.
Mycol. France. 39: 261-266. F. 1924. no. 4.
Species of Platygloea, Tremella, Sebacina, Tul-
asnella, Exidiopsis, Gloeotulasnella, Ceracea.
- Chauvin, E.
Sur la toxicité d'Amanita virosa Fr. Bull. Soc.
Mycol. France. 39: 222-225. F. 1924. no. 4.

Bull. Soc. Mycol. France. (cont)

Dupain, Victor.

Un curieux cas de tératologie de l'*Entoloma lividum*. Bull. Soc. Mycol. France. 39: 274. F. 1924. no. 4.

Garbowski, J.

Les micromycètes de la Crimée et des districts limitrophes de la Russie méridionale en considération spéciale des parasites des arbres et des arbrisseaux fruitiers. Bull. Soc. Mycol. France. 39: 227-260. illus., pl. ix-x. F. 1924. no. 4.

Martin-Sens, L.

Forme anormale de *Stropharia aeruginosa* Curt. Bull. Soc. Mycol. France. 39: 275. F. 1924. no. 4.

Morin, R.

Note sur le *Pleurotus eryngii* rencontré sur le littoral de la Seine-inférieure. Bull. Soc. Mycol. France. 39: 221. F. 1924. no. 4.

Poix, G.

Note sur la présence d'*Amanita caesarea* dans les Vosges. Bull. Soc. Mycol. France. 39: 276. F. 1924. no. 4.

Bull. Soc. Roy. Bot. Belge.

Beeli,

Champignons nouveaux pour la flora Belge, récoltés de 1915 à 1923. Bull. Soc. Roy. Bot. Belg. 56: 57-70. pl. i-iv. 1923. no. 1.

Broeck, H. van den.

Catalogue des plantes observées aux environs d'Anvers. Bull. Soc. Roy. Bot. Belg. 56: 28-32. 1923. no. 1.

Terby, Jeanne.

Étude d'un cas de caryocinèse irrégulière dans le rhizome du *Butomus umbellatus*. Bull. Soc. Roy. Bot. Belg. 56: 42-47. illus. 1923. no. 1.
Bibliographie: p. 47.

Terby, Jeanne.

L'Origine du bléphanoplaste chez le *Plasmiodiophora brassicae* Wor. Bull. Soc. Roy. Bot. Belg. 56: 48-50. illus. 1923. no. 1.

Vandendries, René.

Nouvelles recherches sur la sexualité des basidiomycètes. Bull. Soc. Roy. Bot. Belg. 56: 73-97. illus. 1923. no. 1.

Verlulst, A.

Essai de phytostatique en jurassique Belge. Bull. Soc. Roy. Bot. Belg. 56: 33-41. 1923. no. 1.

Wildeman, Emile de.

Élie Marchal, conservateur honoraire du Jardin botanique de l'état, professeur honoraire des écoles normales de l'état et de la ville de Bruxelles. Bull. Soc. Roy. Bot. Belg. 56: 7-24. port. 1923.
Relevé des publications d'Élie Marchal: p. 23-24.

Calif. Grape Grow.

Bioletti, F. T.

Control of vine mildew. Calif. Grape Grow.
v. 5, no.4. p. 12-13. Ap. 1924.

Hitzl, Carl.

How to combat mildew. Calif. Grape. Grow.
v. 5, no.2. p. 14. F. 1924.

Centralbl. Bakt. Abt. II.

Janisich, Ernst.

Das problem der giftwirkung in der pflanzen-
schutzforschung. Ein beitrage zur angewandten
zoellenlehre. Centralbl. Bakt. Abt. II. 61: 10-
32. Mr. 1924. no. 1/4.
Literatur: p. 30-32.

Köhler, Erich.

Ueber die beziehungen des kartoffelkrebserre-
gers (*Synchytrium endobioticum* [Schilb.] Perc.)
zu seiner wirtspflanze. Centralbl. Bakt. II, 61:
32-37. Mr. 1924. no. 1/4.
Literatur: p. 37.

Circ. Argentine Min. Agr. Secc. Propag. e. Inform.

Báez, J.R.

Criptógamas parásitas de las plantas cultivadas
observados en la región sud de la provincia de
Córdoba. Circ. Argentine Min. Agr. Secc. Propag.
e Inform. 216. 32 p. illus. F. 1924.
Bibliografía: p. 32.

El cultivo del banano (*Musa paradisiaca* L.) y
(*Musa sapientum* L.) Circ. Argentine Min. Agr. Secc.
Propag. e Inform. 189. 15 p. illus. D. 1923 (Rec'd
Ap. 1924)

Lista de las publicaciones existentes sobre el
algodón, 1887-1923. Circ. Argentine Min. Agr.
Secc. Propag. e Inform. 152 34 p. S. 1923. (Rec'd
Ap. 1924)

Compt. Rend. Acad. Sci. Paris.

Dangeard, P. A. & Dangeard, Pierre.

Recherches sur le vacuome des algues inférieures.
Compt. Rend. Acad. Sci. Paris. 178: 1038-1042. illus.
Mr. 24, 1924. no. 13.

Daniel, Lucien.

Migration hivernale de l'inuline des tubercules
aériens chez le topinambour. Compt. Rend. Acad. Sci.
Paris. 178: 1205-1207. illus. Mr. 31, 1924. no. 14.

Dauphiné, André.

Premiers résultats de la séparation expérimentale
en deux phyllophixes d'embryons dicotylés. Compt.
Rend. Acad. Sci. Paris. 178: 1207-1209. Mr. 31,
1924. no. 14.

Goris, Albert.

Sur la composition chimique de la clandestine
Compt. Rend. Acad. Sci. Paris. 178: 1203-1205. Mr. 31,
1924. no. 14.

Compt. Rend. Soc. Biol. Paris.

Bohn, Georges.

Jacques Loeb (1859-1924) Compt. Rend. Soc.
Biol. Paris. 90: 728-730. Mr. 28, 1924. no. 11.

Country Life. London.

Cheal, Joseph.

The modern dahlia. Its history and uses.
Country Life. 55: 538-539. illus. Ap. 5, 1924.
no. 1422

Cuba. Estac. Exp. Agron. Bol.

Bruner, S. C.

La enfermedad del mosaico de la caña de azúcar.
Cuba Estac. Exp. Agron. Circ. 60. 16 p. pl. (1
col.) D. 1923 (Rec'd Jr. 1924)
Literatura extranjera: p. 14-16.

Calvino, E. A. de.

Sobre la asimilacion directa del nitrogeno libre
por las plantas. Cuba Estac. Exp. Agron. Circ. 59.
7 p. S. 1923 (Rec'd Jr. 1924)

Defensa Agr. Uruguay.

Parker, J. H.

Experiencias comparativas sobre resistencia de
variedades de avena a la roya o herrumbre.

Defensa Agr. Uruguay. 5: 46-47. F. 1924. no. 2.

Un extracto suscinto de las experiencias efectua-
das por J. H. Parker.

Winston, J. R.

La enfermedad de la verruga de los citros. Su
causa y medios de contralor. Defensa Agr. Uruguay.
5: 27-42. illus. F. 1924. no. 2.

Translation and extract from U.S. Dept. Agr.
Bull. 1118. Citrus scab: its cause and control. By
J. R. Winston.

Deut. Landw. Presse.

Spieckermann, Albert. & Kotthoff, P.

Die prüfung von kartoffeln auf krebsfestigkeit.
Deut. Landw. Presse. 51: 114-115. Jr. 15, 1924.
no. 11.

Deut. Obstb. Zeit.

Bremer, Hans.

Wissenswertes aus der arbeit in- und ausländischer
versuchstationen und institute. III. Neues über die
brennfleckenkrankheit der bohnen. Deut. Obstb.
Zeit. 70: 77-79. Jr. 6, 1924. no. 10.

Facts about sugar.

Rumbold, Caroline.

Sugar beet seed disinfection with formaldehyde
vapor and steam. Facts about sugar. 13: 322-324,
352-354. illus. Ap. 5, 12, 1924. no. 14, 15.
Literature cited: p. 354.

Farm Advocate.

Howitt, J. E.

Fighting the black thieves of the grain field.
Farm Advocate. 59: 549. illus. Ap. 10, 1924.
no. 1646.

Flor. Exch.

Baxter, S. N.

The Veronica or speedwell. Its place in the
garden. Flor. Exch. 57: 1065. illus. Ap. 5,
1924. no. 14.

Flow. Grow.

Keefer, N. D.

Reviving withered flowers with aspirin. Flow.
Grow. 11: 50. F. 1924. No. 2.

Forstwissensch. Centralbl.

Siedlacker,

Die frestschnitten im forstbetrieb, deren ur-
sachen und belämpfung. II. Forstwissensch.
Centralbl. 46: 98-111. illus. Mr. 1924.
no. 3.

Garden.

Ascroft, R. W.

Plants which are curious and fascinating. Gar-
den. 88: 179-181. illus. Mr. 22, 1924. no. 2731.

Bean, W. J.

Rare trees and shrubs. Garden. 88: 183-184.
Mr. 22, 1924. no. 2731.

Bothofagus dombeyi; the coigue of Chile; *Caryop-
teris rangutica*; *Callicarpa giraldiana*.

Correvo, Henry.

Notes from Floraire. (cont.) Garden. 88: 205-
207. illus. Mr. 29, 1924. no. 2732
Foses; *Edraianthus*.

Cran, H. M.

Violas and pansies. Garden. 88: 19-201
illus. Mr. 29, 1924. no. 2732.

Hewlett, Maurice.

Anemones. Garden. 88: 188-189. illus.
Mr. 22, 1924. no. 2731.

Osborn, Arthur.

Viburnums. Garden. 88: 204-205. illus.
Mr. 29, 1924. no. 2732.

Stewart, L. B.

Treatment of *Rhododendron* seedlings. Garden.
88: 203. Mr. 29, 1924. no. 2732.

Gard. Mag.

Wilder, L. B.

A family of flowering plants that really love the
shade. Gard Mag. 39: 136-137. illus. Ap. 1924.
Corydalis.

Gard. Chron.

Ascroft, R. W.

Lupins. Gard. Chron. III, 75: 171-172. illus.
Mr. 29, 1924. no. 1944.

Dowson, W. J.

A sclerotial disease of *Narcissus*. Gard. Chron.
III, 75: 160. Mr. 22, 1924. no. 1943.

Similar to disease of tulips caused by *Botrytis
parasitica*.

Kraenzlin, F. L.

Lothiandra, nov. gen. Gard. Chron. III, 75:
173. illus. Mr. 29, 1924. no. 1944.
L. mordax.

L
, C.

A new collector of Chinese plants. Gard. Chron.
III, 75: 176. illus. Mr. 29, 1924. no. 1944.

M. Hers, administrator of Lung Hai and Pien Lo
railways.

Gard. Chron. (cont.)

Niwa, Sei-jo.

Chrysanthemums in Japan. Gard. Chron. III, 75: 177-178. illus. Mr. 29, 1924. no. 1944.

Oliver, F. W.

Spartina torusensis. Gard. Chron. III, 75: 162-163. illus. Mr. 22, 1924. no. 1923.

Gartenw.

Eubel, I.

Bittere gurken. Gartenw. 28: 84. Mr. 7, 1924. no. 10.

Kühn, K.

Vorschläge für die bepflanzung der strassen und promenaden in deutschen grossstädten. Gartenw. 28: 86-88, 111-112. Mr. 7, 21, 1924. no. 10, 12.

Uphof, J. C. Wb.

Die kalteen in den steppen des südwestlichen Nordamerika. Gartenw. 28: 107-108. Mr. 21, 1924. no. 12

Voightländer, B.

Hautvergiftung mit *Rhus toxicodendron*. Gartenw. 28: 29. illus. Mr. 7, 1924. no. 10.

Hacienda.

Hansen, A. A.

How castigos de una planta venenosa. Hacienda. 19: 111. illus. Ap. 1924. no. 4.
Eupatorium egeratoides.

Hereditas.

Berglund, Victor.

Sechs fälle von hypotrichosis in einer familie. Hereditas. 5: 44-48. 1924. no. 1.

Clausen, J.

Increase of chromosome numbers in *Viola* experimentally induced by crossing. (Preliminary note) Hereditas 5: 29-32, illus. 1924. no. 1.

Literature cited: p. 32.

Dahlgren, K. V. O.

Vererbungsversuche mit *Polemonium coeruleum*. Hereditas. 5: 17-28. illus. 1924. no. 1.
Zitierte literatur: p. 27-28.

Hallquist, Carl.

Chlorophyllmutanten bei gerate ihre entstehung und primären spaltungen. Hereditas 5: 49-83. 1924. no. 1.

Zitierte literatur: p. 75-76.

Hakansson, Artur.

Ueber die chromosomenzahl einiger *Oenothera gigantea*-pflanzen. Hereditas. 5: 93-96. illus. 1924. no. 1.
Zitierte literatur: p. 95-96.

Hereditas. (cont.)

Heribert-Nilsson, Nils.

Multiple monofaktorielle reduplikation als der ausdruck partialer heterogamie bei *Oenothera fallax*.
Hereditas. 5: 1-13. 1924. no. 1.
Zitierte literatur: p. 13.

Kajanus, Birger.

Ueber eine kreuzung zwischen grünblättrigen und gelbblättrigen tabak. Hereditas. 5: 84-86, 1924. no. 1.

Kajanus, Birger.

Zur genetik der Pisum-samen. Hereditas. 5: 14-16, 1924. no. 1.
Zitierte literatur: p. 16.

Kristofferson, K. B.

Colour inheritance in the seed coat of *Phaseolus vulgaris*. Hereditas. 5: 33-43. 1924. no. 1.
Literature cited: p. 43.

Meurman, Olavi.

Ueber den einfluss des alters auf die vererbung einiger samenmerkmale bei erbsen. Kritische nachprüfung. Hereditas. 5: 97-128. 1924. no. 1.

Zitierte literatur: p. 127-128.

Nilsson-Leissner, Gunnar.

Ueber eine aberrante form von wintererbsen (*Pisum sativum*) Hereditas. 5: 86-92. illus. 1924. no. 1.

Zitierte literatur: p. 92.

Hort. illus.

Wilson, E. H.

Photinia villosa. Hort. Illus. n.s., 1: 169. Ja. 1, 1924. no. 11.

Wilson, E. H.

Two good asiatic vines. Hort. Illus. n.s. 1: 157. illus. D. 15, 1923. no. 10.
Akebia.

House & Gard.

Durand, Herbert.

Native bushes of eastern America. How they may be tastefully used to create charming natural pictures about our homes. House & Gard. v. 45, no. 4. p. 91, 104, 106, 108. illus. Ap. 1924.

Wilson, E. H.

Early flowering trees and shrubs. Native and foreign species of merit that bring to our plantings exceptional beauty of color and form. House & Gard. v. 45, no. 4. p. 63, 114, 118, 122. illus. Ap. 1924.

Illus. Landw. Zeit.

Störmer, Kurt.

Theorie und praxis im kartoffelbau. Illus. Landw. Zeit. 44: 85-87. Mr. 14, 1924. no. 11.

Wollenweber, H. W.

Zur kenntnis der kartoffel-heteroderen. Illus. Landw. Zeit. 44: 100-101. illus. Mr. 21, 1924. no. 12.

Ital. Vinic.

Grimaldi, L.

La malattia degli albicocchi. Ital. Vinic. 14: 162. Mr. 23, 1924. no. 12.
Sclerotinia laxa.

Journ. Amer. Pharm. Assoc.

Wardack, J. H.

The natural plant coloring matters. Journ.
Amer. Pharm. Assoc. 13: 307-315. Ap. 1924. no. 4.

Journ. Biochem. Tokyo.

Komatsu, Shigeru & Ichimasa, Motaro.

On the biochemical study of the ripening of
the kaki-fruit. V. Journ. Biochem. 3. 261-
272. Ja. 1924. no. 2.

References: p. 272.

Miyake, Saguru.

Chemical studies of corn pollen. II. Carbo-
hydrates and organic bases. Journ. Biochem.
3: 169-176. Ja. 1924. no. 2.

Journ. Dept. Agr. So. Africa.

Internal brown fleck of potatoes. Journ. Dept.
Agr. So. Africa. 8: 266. Mr. 1924. no. 3.

Journ. Dept. Agr. So. Australia.

Spafford, W.J.

Subterranean clover (*Trifolium subterraneum*)
Journ. Dept. Agr. So. Australia. 27: 634-646.
illus. F. 1924. no. 7.

Journ. Hered.

Garber, R. J. & Wade, B.L.

Another instance of defective endosperm in
maize. Journ. Hered. 15: 69-71. illus. F.
1924. no. 2.

Literature cited: p. 71.

Weldon, C.P.

Instability in peach varieties. Journ.
Hered. 15: 86-90. illus. F. 1924. no. 2.

Journ. Min. Agr. Gt. Brit.

Long, H. C.

Hoary pepperwort: a weed menace in the S. E.
counties. Journ. Min. Agr. Gt. Brit. 31: 29-33.
pl. Ap. 1924. no. 1.

Journ. Pharm. & Chim.

Bridel, Marc.

Etude biochimique sur la composition du
Monotropa hypopitys L. Observation d'un nouveau
glucoside à salicylate de miconol, le
monotropitine. *Bull. Soc. Journ. Pharm. &*
Chim. VII. 29. 217-225. Mr. 10, 1924. no. 6.

Journ. Soc. Nat. Hort. France.

Ducomet, Vital.

Un voyage d'écoute des maladies de la pomme de
terre. Journ. Soc. Nat. Hort. France. IV, 25:
76-78. F. 1924.

Gérôme, Joseph.

Au sujet d'anomalies constatées sur ail, *Cyrtoper-
dium* et *Cyclamen*. Journ. Soc. Nat. Hort. France.
IV, 25. 78-82. illus. F. 1924.

Jougan, E.

Prolifération et déformations de fruits. Journ.
Soc. Nat. Hort. France. IV, 25: 82-84. illus. F. 1924.

Landtm. Tids. Landtm.

Henning, Ernst.

Barbariskriget i Förenta staterna. Landtm
Tids. Landtm. 7: 238-239. illus. Nr. 29, 1924.
no. 13.

Malayan Agr. Journ.

Dorcas, A.E.C.

A revival of patchouli cultivation in Johore.
Malayan Agr. Journ. 12: 12-13. plate. Ja. 1924.
no. 1.

Georgi, C.D.V.

The utilisation of citronella grass planted as
a preventive of soil wash. Malayan Agr. Journ.
12: 7-11. Ja. 1924. no. 1.

Sands, W.N.

Gandle-nut and Chinese wood oil trees. Malayan
Agr. Journ. 12: 1-6. pl. i-ii. Ja. 1924. no. 1.
References; p. 5-6.

Malpighia.

Buscalioni, Luigi & Roccella, G.

Le emissioni di ossigeno attivo da alcuni organi
delle piante. Malpighia. 29: 468-481. 1923. no. 9/12.

Buscalioni, Luigi.

Elementi di storia della botanica contemporanea
italiana. Malpighia. 29: 459-467. 1923. no. 9/12.

Buscalioni, Luigi & Miscatello, Giuseppe.

Studio monografico sulle specie americane del
gen. "Saurauia Willd." Malpighia. 29: 411-458.
1923. no. 9/12.

Mitt. Deut. Landw. Ges.

Schlumberger, Otto.

Tagesfragen zur kartoffelbeizung. Mitt. Deut.
Landw. Ges. 39: 236-237. Nr. 29, 1924. no. 13.

Spieckermann, Albert.

Zur bekämpfung des kartoffelknobses. Mitt.
Deut. Landw. Ges. 39: 191-192. Nr. 15, 1924.
no. 11.

Mitt. Geographisch. Ges & Naturhistorisch. Mus. Lübeck.

Christiansen, Werner.

Zur geschichte der wasseraues (Ilepe natans L.)
in Schleswig-Holstein. Mitt. Geographisch. Ges.
& Naturhistorisch. Mus. Lübeck. II, no. 29. p. 77-
82. 1924.

Nachrichtenbl. Deut. Pflanzenschutzd.

Lüstner, Gustav.

Ueber das auftreten des apfelruhltaues (Podo-
sphaera leucotricha Dit. et Evers.) Salm. auf
apfelrüchten. Nachrichtenbl. Deut. Pflanz-
schutzd. 3: 74-76. illus. O. 1923. no. 10.

New Jersey Agr.

Martin, W.H.

Disinfect your seed says potato authority.
Corrosive sublimate found most effective by New
Jersey growers. New Jersey Agr. v.6, no.4. p.1,
4. Ap. 1924.

Schermerhorn, L.G.

New asparagus varieties suitable for New Jersey.
Frost resistant strains are promising. New Jersey
Agr. v.6, no.4. p. 2, illus. Ap. 1924.

New Phytol.

Chapman, R.E., Cook, W.R.I. & Thompson, N.L.

The effect of carbon dioxide on the tropic
reactions of Helianthus stems. New Phytol.
23: 50-62. illus., pl. i. F. 1924. no. 1.
References: p. 61.

Priestley, J. H.

The fundamental fat metabolism of the plant.
New Phytol. 23: 1-19. F. 1924. no. 1.
References: p. 18-19.

Summers, F.

The factors governing bud formation: a chapter of
plant physiology. New Phytol. 23: 20-49. F.
1924. no. 1.
Literature cited: p. 28, 37, 41, 44, 49.

Nuovo Giorn. Bot. Ital

Lacaita, G. G.

Piante italiane critiche o rare. XCI-XCVII.
Nuovo Giorn. Bot. Ital. 31: 18-35. pl. i-iii.
Ja. 1924. no. 1.

Passerini, Napoleone.

Sopra l'azione della polvere di "Pyrethrum
cinerariaefolium" Trev sugli insetti e su qualche
altro artropode. Nuovo Giorn. Bot. Ital. 31: 35-
49. Ja. 1924. no. 1.

Sibilia, Cesare.

Ricerche floristiche sul territorio di Anagni.
Nuovo Giorn. Bot. Ital. 31: 50-70. Ja. 1924.
Opere citate nel presente lavoro: p. 69-70.

Zenari, Silvia.

Intorno alla sistematica di "Sonchus oleraceus"
L. em. e di "Sonchus asper" Hill. Nuovo Giorn.
Bot. Ital. 31: 5-17. Ja. 1924. no. 1.

Ochrana Rostlin,

Smolák, Jaroslav.

Bakteriální tumory na ovocných stromech.
Ochrana Rostlin. 4: 2-6. illus. Mr. 1924.
no. 1.

Crown gall of fruit trees.

Straňák, Fr.

Rozšíření rakoviny bramboru v Československé
republice. Ochrana Rostlin. 4: 1-2. Mr. 1924.
no. 1.

Wart disease of potatoes.

Zimmermann, Friedrich.

Dvě choroby skleníkových karafiátů. Ochrana
Rostlin. 4: 8-10. illus. Mr. 1924. no.1.
Alternaria and Fusarium diseases of carnation.



Oesterr. Bot. Zeitschr.

Cejp, Karl.

Einige bemerkungen über die diagrammatik der rosaceen. Oesterr. Bot. Zeitschr. 73: 48-58. Ja.-Mr. 1924. no. 1/3.

Benützte literatur: p.57-58.

Ebner, Hedwig.

Keimungsphysiologie von *Draba verna*, *Thlaspi perfoliatum*, *Holostem umbellatum* und *Veronica hederifolia*. Oesterr. Bot. Zeitschr. 73: 23-41. Ja.-Mr. 1924. no.1/3.

Literaturverzeichnis: p. 41.

Schiller, Josef.

Beiträge zur kenntnis des pflanzenlebens mittel-europäischer gewässer I-III. Oesterr. Bot. Zeitschr. 73: 1-23. illus., pl. i. Ja.-Mr. 1924. no.1/3.

Stojanow, N.

Das vorkommen von *Malcolmia angulifolia* Boiss. et Spr. in Bulgarisch-Mazedonien. Oesterr. Bot. Zeitschr. 73: 61-62. Ja.-Mr. 1924. no. 1/3.

Winkler, Herbert.

Teratologische notizen II. Oesterr. Bot. Zeitschr. 73: 58-60. Ja.-Mr. 1924. no. 1/3.

Ohio Journ. Sci.

Schaffner, J. H.

Additions to the catalog of Ohio vascular plants for 1923. Ohio Journ. Sci. 24: 107-116. Mr. 1924. no. 2.

Tiffany, L. H.

A physiological study of growth and reproduction among certain green algae. Ohio Journ. Sci. 24: 65-98. pl. i. Mr. 1924. no. 2.

Bibliography: p. 97-98.

Papers Mich. Acad. Sci.

Baxter, D. V.

The heart rot of black ash caused by *Polyporus hispidus* Fr. Papers Mich. Acad. Sci. 3: 39-50. illus., pl. viii-xiv. 1924.

Literature cited: p. 50.

Bergman, H. F.

The composition of climax plant formations in Minnesota. Papers Mich. Acad. Sci. 3: 51-60. 1924.

Bessey, E. A.

Notes on the orange rusts of *Rubus*. Papers Mich. Acad. Sci. 3: 61-66. 1924.

Bibliography: p.65-66.

Cashen, D. J.

Growth of *Pinus resinosa* and *Pinus strobus*. Papers Mich. Acad. Sci. 3: 67-85. pl. xv. 1924.

Farwell, O. A.

Notes on the Michigan flora VI. Papers Mich. Acad. Sci. 3: 87-109. 1924.

Papers Mich. Acad. Sci. (cont.)

Haire, A. A.

Attempts at reversal of geotropic response.
Papers Mich. Acad. Sci. 3: 111-122. pl. xvi-xvii.
1924.
Bibliography: p. 122.

Karouse, B.E.

The life-history of a new homothallic Mucor.
Papers Mich. Acad. Sci. 3: 123-130. pl. xviii-
xix. 1924.
Literature cited: p. 129.

Keroyer, L. A.

Distribution of the Ericales in Michigan.
Papers Mich. Acad. Sci. 3: 166-191. 1924.

Keroyer, L. A.

Distribution of the Umbellales in Michigan.
Papers Mich. Acad. Sci. 3: 131-165. 1924.

La Rue, C. D.

Notes on the failure of the seed crop of *Hevea*
brasiliensis on the east coast of Sumatra. Papers
Mich. Acad. Sci. 3: 193-201. 1924.

Newcombe, F. C.

Optimum temperatures for growth of some grass
coleoptiles. Papers Mich. Acad. Sci. 3: 203-210.
1924.
List of literature cited: p. 210.

Quick, B. E.

A comparative study of the distribution of the
climax association in Southern Michigan. Papers
Mich. Acad. Sci. 3: 211-243. pl. xx. 1924.
Bibliography: p. 241-243.

Wehmeyer, L. E.

The imperfect stage of some higher Pyronomycetes
obtained in culture. Papers Mich. Acad. Sci. 3:
245-266. pl. xxi-xxiii. 1924.
Bibliography: p. 265.

Parasitology.

Nuttall, G. H. F.

Paul Ehrlich, 1854-1915. Parasitology. 16.
224-229. plate (port. 127. Mr. 1924 no. 2.
References: p. 249.

Perfum. & Essent. Oil Rec.

Sitaramachar, B.

Sandalwood oil. Perfum. & Essent. Oil Rec.
15: 91-92. Mr. 1924. no. 3.
Abstract of lecture before the Coll. Pharm.,
New York.

Pharm. Journ.

Hirst, H. M.

How to start a herb garden. Pharm. Journ.
112: 332-333. illus. Mr. 29, 1924. no. 3154.

Kassner, H.C.

The histological and chemical examination of the
seeds of *Ipomoea hederacea*, Jacquin, and other species
of *Ipomoea*. Pharm. Journ. 112: 306-308, 323-331.
illus. Mr. 22, 29, 1924. no. 3153-4.

Pharm. Journ. (cont.)

Mellor, E. M.

The countries our drugs come from. *Pharm. Journ.* 112: 291-293. Mr. 22, 1924. no. 3153.

Pharm. Weekbl.

Goudswaard, Arie.

Curacao-lice. *Pharm. Weekbl.* 61: 302-310. Mr. 22, 1924. no. 12.

Phytopath.

Anderson, P. J.

Botrytis cinerea in Alaska. *Phytopath.* 14: 152-155. pl.iii. Mr. 1924. no. 3. Literature cited: p. 155.

Anderson, P. J.

Overwintering of tobacco wildfire bacteria in New England. *Phytopath.* 14: 132-139. Mr. 1924. no. 3.

Literature cited: p. 139.

Holmes, F. O.

Herpetomonad flagellates in the latex of milkweed in Maryland. *Phytopath.* 14: 146-151. illus. Mr. 1924. no. 3.

Literature cited: p. 149.

Manns, T. F.

John Asbury Elliott. *Phytopath.* 14: 129-131. pl.ii(Port.) Mr. 1924. no. 3.

List of publications: p. 131.

Povah, Alfred.

Hypoxyton poplar canker. *Phytopath.* 14: 140-145. illus. Mr. 1924. no. 3.

Literature cited: p. 145.

Pritchard, F. J. & Porte, W. S.

The relation of temperature and humidity to tomato leaf spot (*Septoria lycopersici* Speg.) *Phytopath.* 14: 156-169. pl. iv. Mr. 1924. no. 3.

Literature cited: p. 165.

Shear, C. L.

Grape rust in Florida. *Phytopath.* 14: 170-171. Mr. 1924. no. 3.

Physopella vitis Arthur (*Phakospora vitis* (Thum.) Syd.)

Stewart, F. C.

Recommendations for the improvement of official inspection for crown-gall. *Phytopath.* 14: 172-173. Mr. 1924. no. 3.

Proc. Tenn. State Hort. Soc.

Anderson, H. W.

Control of the apple blotch. *Proc. Ann. Conv. Tenn. Hort. Soc.* 18: p.23-27. 1923?

Hesler, L. R.

Fire blight of fruit trees, and its control. *Proc. Ann. Conv. Tenn. Hort. Soc.* 18. p. 51-57. illus. 1923?

Prog. Agr. & Vitic.

Gauch, Achille & Durand, J.
Le court-noué. Progr. Agr. & Vitic. 81: 302-306. Mr. 30, 1924. no. 13.

Publ. Min. Zeměd. Czecho-slovak Rep.

Domin, Karel.
Problémy a metody rostlinné sociologie a jejich použití pro vyzkum lučních a pastvinných porostu Republiky Československé. Publ. Min. Zeměd. Czecho-slovak Rep. 1923, no. 39. 375 p. pl. i-xxxiv.
English summary: p. 369-372.
Seznam literatury: p. 349-367.

Quart. Bull. Va. State Crop Pest Comm.

Schoene, W. J.
Report of the state entomologist and plant pathologist, 14th, 1922/23. Quart. Bull. Virginia State Crop Pest Comm. v. 5, no. 4, 28 p. illus. Ja. 1924.

Repert. Spec. Nov. Fedde.

Becker, Wilhelm.
Viola stojanowii sp. nov. Repert. Nov. Fedde. 19 (Repert. Europ. 1: 620-621): 332-333. F. 1924. no. 16/21.

Bitter, Georg.

Zur gliederung der gattung Saracha und zur kenntnis einiger ihrer bemerkenswerten arten. III. Repert. Spec. Nov. Fedde. 19: 265-270. F. 1924. no. 16/21.

Bornmüller, Josef.

Polygonatum pruinatum Boiss. und Carex phyllostachys C.A.M. in Europa. Carex rigida Good. var. (nov.) macedoniaca Bornm. und Eriophorum latifolium Hoppe var. (nov.) alpigenum Bornm. Repert. Spec. Nov. Fedde 19 (Repert. Europ. 1: 609-614): 321-326. F. 1924. no. 16/21.

Bornmüller, Josef.

Sinapis dissecta Lag. in Thüringen und über ihr sonstiges vorkommen. Repert. Spec. Nov. Fedde. 19 (Repert. Europ. 1: 614-617): 326-329. F. 1924. no. 16/21.

Bornmüller, Josef.

Zur gattung Sideritis (Leucophaë) der flora Makaronesiens. Repert. Spec. Nov. Fedde. 19: 271-281. F. 1924. no. 16/21.
Sideritis kuegleriana, S. bolleana, n.sp.

Dinter, Kurt.

Index der aus Deutsch-Südwestafrika bis zum jahre 1917 bekannt gewordenen pflanzenarten XIII. (XV?) Repert. Spec. Nov. Fedde. 19: 315-320. F. 1924. no. 16/21.

Fedde, Friedrich.

Cysticapnos vesicarius (L.) heterokarp. Repert. Spec. Nov. Fedde. 19: 285-288. F. 1924. no. 16/21.

Repert. Spec. Nov. Fedde. (cont.)

Fedde, Friedrich.

Neue arten von *Corydalis* aus China V. Repert.
Spec. Nov. Fedde. 19: 281-284. F. 1924. no. 16/21.
Corydalis pseudofluminicola, n. sp.

Fedde, Friedrich.

Neue arten von *Corydalis* aus dem Himalaya und
den angrenzenden teilen von Tibet. III. Repert.
Spec. Nov. Fedde. 19: 284-285. F. 1924. no. 16/21.

Fries, T. C. E.

Plectranthastrum, eine neue afrikanische labiaten-
gattung. Repert. Spec. Nov. Fedde. 19: 296-297.
pl. (p. 335). F. 1924. no. 16/21.
Plectranthastrum clerodendroides, n. sp.

Harms, Hermann.

Leguminosae americanae novae. VI. Repert.
Spec. Nov. Fedde. 19: 283-294. F. 1924. no. 16/21.
Ormosia glazioviana, *O. zahnii*, *Dussia lehmannii*,
D. cayennensis, n. sp.

Hayek, August.

Plantae novae orientales. Repert. Spec.
Nov. Fedde. 19 (Repert. Europ. 1: 621-623): 333-335.
F. 1924. no. 16/21.
Silene perinica, spec. nov.

Krause, Kurt.

Zwei neue *Menettia*-arten aus Peru. Repert.
Spec. Nov. Fedde. 19: 308-309. F. 1924. no. 16/21.
Menettia leucantha, *M. weberbaueri*, nov. spec.

Krösche, Ernst.

Neue arten und formen aus nordwest-Deutschland.
Repert. Spec. Nov. Fedde. 19 (Repert. Europ. 1: 617-
620): 329-332. F. 1924. no. 16/21.
Bromus gracilis, spec. nov.

Pfeiffer, Hans.

*Conspectus cyperacearum in America meridionali
nascentium* III. Additamenta ad cognitionem generis
Pleurostachys Brongn. II. Repert. Spec. Nov. Fedde.
19: 294-296. F. 1924. no. 16/21.
Pleurostachys luetzelburgiana, *P. latifolia*,
P. arrojadii, n. sp.

Schulz, O. E.

Schivereckia korabensis (Kümm. et Deg.) O. E.
Schulz in den ostalpen. Repert. Spec. Nov. Fedde.
19 (Repert. Europ. 1: 623-624): 335-336. F. 1924.
no. 16/21.

Urban, Ignaz

Sertum antillanum XIX. Repert. Spec. Nov.
Fedde. 19: 298-303. F. 1924. no. 16/21.

Wimmer, F. E.

Lobelioidae. *Species et varietates novae ex
generibus*. *Centropogon* et *Siphacampylus*.
Repert. Spec. Nov. Fedde. 19: 241-265. F. 1924.
no. 16/21.

Repert. Spec. Nov. Fedde (Cont.)

Wolff, Hermann.

Azorellopsis, genus novum umbelliferarum
Bolivianum. Repert. Spec. Nov. Fedde. 19: 312.
F. 1924. no. 16/21.

Azorellopsis trisecta, nov. spec.

Wolff, Hermann.

Changium, genus novum umbelliferarum chekian-
gense. Repert. Spec. Nov. Fedde. 19: 314-315.
F. 1924. no. 16/21.

Changium smyrioides, nov. spec.

Wolff, Hermann.

Meeboldia, genus novum umbelliferarum Himalayicum.
Repert. Spec. Nov. Fedde. 19: 313. F. 1924. no. 16/21.

Meeboldia selinoides, nov. spec.

Wolff, Hermann.

Umbelliferae novae africanae I- Repert. Spec.
Nov. Fedde. 19: 314. F. 1924. no. 16/21.

Anesorhiza marlothii, nov. spec.

Wolff, Hermann.

Umbelliferae novae asiaticae I- Repert. Spec.
Nov. Fedde. 19: 309-312. F. 1924. no. 16/21.

Rev. Agr. Ile Maurice.

Shepherd, E. F.

Les maladies de la canne à sucre à Maurice I.
"Red-rot" Rev. Agr. Ile Maurice. 13: 59-61. Ja.-
F. 1924.

Rev. Bot. Appl.

Dufrénoy, Jean.

La lutte contre les maladies des plantes par la
désinfection des semences. Rev. Bot. Appl. 4: 81-
87. F. 29, 1924. no. 30.
Bibliography: p. 87.

Jumelle, H. I.

Le québracho. Rev. Bot. Appl. 4: 88-93. F.
29, 1924. no. 30.

Principales sources bibliographiques: p. 98.

Popenoe, Wilson.

Culture de l'avocado aux Etats-Unis. Rev. Bot.
Appl. 4: 101-106. F. 29, 1924. no. 30.

Robertson-Proschowsky, A.

Un champignon destructeur de palmiers sur la
Côte d'Azur. Rev. Bot. Appl. 4: 106-109. F. 29,
1924. no. 30.

Observations de MM. N. Patouillard et Poupon
"Il s'agit en définitive d'un bud-rot causé
par un Penicillium."

Vilmorin, Pierre de.

La culture du cotonnier en Cilicie. Rev. Bot.
Appl. 4: 109-119. F. 29, 1924. no. 30.

Rev. Gén. Bot.

Choux, Pierre.

Revue des travaux de botanique tropicale et
subtropicale (1910-1913) (cont.) Rev. Gén.
Bot. 36: 85-96. F. 1924. no. 422.

Davy de Virville, Adrien & Obaton, Fernand.

Etude biologique de l'épanouissement des
fleurs. (cont.) Rev. Gén. Bot. 36: 49-67.
pl. 1-3. F. 1924. no. 422.

Van Oye, Paul.

Sur l'écologie des épiphytes de la surface
des troncs d'*Arbutus* Java. (concl.) Rev.
Gén. Bot. 36: 68-84. illus., pl. 4-5. F.
1924. no. 422.

Bibliographie: p. 83.

Rev. Path. Comp.

Groud, Ch.

Sur la toxicité des champignons. Rev. Path.
Comp. 24: 229-232. Ap. 1924. no. 250.

Guillemin, Edmond.

Les variations des espèces en botanique. Rev.
Path. Comp. 24: 247-250. Ap. 1924. no. 250.

Rev. Path. Veg. & Entom. Agr.

Arnaud, Gabriel.

Sur deux champignons parasites des pruniers
dépérissants. Rev. Path. Vég. et Entom. Agr. 10:
346-350. illus. O.-D. 1923. no. 4.

Arnaud, Gabriel.

Sur un champignon parasite des branches du
poirier: le *Dermatea corticola* n. sp. Rev. Path.
Vég. et Entom. Agr. 10: 303-307. illus. O.-D.
1923. no. 4.

Bibliographie: p. 307.

Blaringhem, Louis.

Notes sur la biologie des rouilles et des
charbons. III. Infection partielle par les
ustilaginées. IV. Formes des rouilles d'automne sur
les hybrides de blés à végétation prolongée.
Rev. Path. Vég. et Entom. Agr. 10: 246-252, 308-313.
illus. O.-D. 1923. no. 4.

Crepin, Ch.

Les rouilles du blé, en 1923, à Grignon.
Rev. Path. Vég. et Entom. Agr. 10: 318-323.
O.-D. 1923. no. 4.

Ducomet, Vital.

Sur une maladie de la pomme de terre nouvelle-
ment observée en France. Rev. Path. Vég. et Entom.
Agr. 10: 324-325. O.-D. 1923. no. 4.

Gard, Médéric.

Les bouilles cupriques modifient les propriétés
physiques de la surface des feuilles sur lesquelles elles
sont appliquées. (cont.) Rev. Path. Vég. et Entom.
Agr. 10: 332-336. O.-D. 1923. no. 4.

Houard, C.

La pathologie végétale à l'Exposition interna-
tionale du centenaire de Pasteur, à Strasbourg,
Rev. Path. Vég. et Entom. Agr. 10: 273-276. O.-D.
1923. no. 4.

Rev.Path.Veg. ' Entom. Agr. (cont.)

Killian, Charles.

Etudes biologiques de genre Ramularia I-
Rev.Path. Vég. et Entom. Agr. 10: 277-302. illus.
pl. 1-4. O.-D. 1923. no.4.

I. Ramularia geranii West (Fuck) Ramularia
edoxae Rabenh.

Liste de publications citées: p. 301-302.

Mège,

Ennemis et maladies de la betterave observés
au Maroc. Rev. Path. Vég. et Entom. Agr. 10:
339-341. O.-D. 1923. no.4.

Nicolas, Gustave,

Le traitement contre la coloque de pêcher dans
le sud-ouest. Rev.Path.Vég. et Entom. Agr. 10:
272. O.-D. 1923. no.4.

Rev. Sci.

Blartingham, Louis.

Les problèmes de la biologie florale Rev.
Sci. 52: 163-171. illus. Mr.22, 1924. no.6.

Riv.Patol.Veg.

Turconi, Malusio.

Note di patologia vegetale. Riv.Patol. Veg.
13: 157-164. D.1, 1923. no.9-10.

I. Un'infezione di Botrytis cinerea Pers. in
giovani frutti di vaniglia (Vanilla planifolia
Andr.) II. Nuove forme di micromiceti parassiti
della glicine (Wistaria chinensis D.C.)

Bibliography: p. 160.

Science.

Babcock, E. B.

Genetics and plant taxonomy. Science. 59: 327-
328. Ap.11, 1924. no.1528.

Berry, E. W.

Paleobotany at the New York state museum.
Science. 59: 336-337. Ap.11, 1924. no.1528.

Glasgow, Hugh. & Gloyer, W.O.

Mercuric chloride as a preventative of certain
damping-off fungi. Science 59: 338. Ap.11,
1924. no.1528.

Valleau, W. D.

The infection of tobacco plant beds by spitting.
Science. 59: 337-338. Ap.11,1924. no.1528.

Seed World.

Myers, C. E.

How new varieties are originated. Seed World.
v.15, no.7. p.13-15. illus. Ap.4, 1924.

So.African Gard.

W , H. H.

Notes on some of the less known bulbous
plants. III. Sternbergia lutea Muscari azureus, Muscari
cosmosum monstrosum, Fritillaria. So.African
Gard. 14: 84. illus. Mr.1924. no.3.

So.Lumberman.

Hubert, E. E.

The sap stain problem and a ten million dollar
loss. So.Lumberm. v.114, no.1481. p.47-48. illus.
F.16, 1924.

List of references: p. 48.

Succulenta.

Burrough, E.
Corcus spachianus Lem. on Echinopsis schickendanzii Web. II. Succulenta. 6: 41-44. Mr. 1924. no.3.

Sudan Notes & Rec.

Massey, R. E.
A note of the early history of cotton. Sudan Notes & Rec. 6: 231-233. D. 1923. no.2.

Svensk. Mosskult. Tidskr.

Booberg Gurnar.
Julanossen - Yasen - Fredsbergsmossen. Ett intressant torvmarkskomplex. Svensk. Mosskult. Tidskr. 38: 81-112. Mr. 1924. no.2.
German résumé: p. 111-112.

Trans. R. Scott. Arbor. Soc.

Anderson, M. L.
Heart-rot in conifers. Trans. R. Scott. Arbor. Soc. 38: 37-45. Mr. 1924. no.1.

Balfour, F.R.S.

Menzies' Journal of Vancouver's voyages, April to October 1792. Trans. R. Scott. Arbor. Soc. 38: 16-25. Mr. 1924. no.1.

Guinier, Philibert.

[Silver fir canker] Trans. R. Scott. Arbor. Soc. 38: 26-28. Mr. 1924. no.1.
abstract by A.G. Hobart-Hampden; original place of publication not given.
Witches broom rust.

Trillia.

Graham, E. H.
Rees and tulip trees. Trillia. 7: 21-22. O. 1923.

Jennings, O. E.

The blazing star in western Pennsylvania. Trillia. 7: 12. O. 1923.

Jennings, O. E.

The relation of smoke, fumes, and dust to the vegetation of the industrial district of Pittsburgh. Trillia. 7: 27-38. O. 1923.

Phillips, N. H.

Our native wild flowers and what the schools should do to protect them. Trillia. 7: 3-11. O. 1923.

Trop. Agr.

Dash, J. S.
Problem of weed control. Trop. Agr. 1: 52-54. Ap. 1924. no.4.

Die Umschau.

Schlossberger, Hans.
Die behandlung des aussatzes mit chaulmugraöl. Die Umschau. 28: 176-179. illus. Mr.15, 1924. no.11.
Literatur: p. 179.

U.S. Dept. Agr. Bull.

Stout, Arlow & Clark, C.F.
Sterilities of wild and cultivated potatoes with reference to breeding from seed. U. S. Dept. Agr. Bull. 1195. 32 p. pl. i-viii. Mr. 1924.
Literature cited: p. 31-32.

Věstník Sjezdu Československých Bot. Praze.

Payer, August.

On some aquatic ascomycetes. Věstník Sjezdu Československých Bot. Praze. 1: 76-77. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Brozek, Arthur.

"A case of nonmendelian inheritance of the white striped races (formae albomaculatae) of the Mimulus quinquevulnerus." Věstník Sjezdu Československých Bot. Praze. 1: 40-42. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Brozek, Arthur.

On the inheritance of paracorolla in the full-blossomed race Mimulus tigrinoides. fl. pl.

Věstník Sjezdu Československých Bot. Praze. 1: 90-92. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Domín, Larš.

The origin of the open forest-formation. Věstník Sjezdu Československých Bot. Praze. 1: 92-96. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists Prague.

Kavina, Kateř.

Le développement du cycle de l'Endogone pisiformis Věstník Sjezdu Československých Bot. Praze. 1: 26-28. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Klika, Jaromír.

Notes sur la biologie des erysiphées. Věstník Sjezdu Československých Bot. Praze. 1: 78-79. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Malkovský, C.M.

The effect of centrifugal force upon the Basidiobolus ranarum Eid. Věstník Sjezdu Československých Bot. Praze. 1: 99-100. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Nábělek, Vojtěch.

The milking of the mushrooms. Věstník Sjezdu Československých Bot. Praze. 1: 51-52. 1923.

Abstract of paper before 1st Congr. Czechoslovak botanists, Prague.

Němec, Antonín.

Etudes enzymologiques des graines des plantes cultivés. Věstník Sjezdu Československých Bot. Praze. 1: 77-78. 1923.

Abstract of paper before 1st Congr. Czechoslovak Botanists, Prague.

Věstník Sjezdu Československých Bot. Praze (cont.)

Picbauer, Richard.

Distributio geographica uredinalium moravicorum.
Věstník Sjezdu Československých Bot. Praze. 1: 62-63.
1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Picbauer, Richard.

Mourmauz champignons pour la Moravie. Věstník
Sjezdu Československých Bot. Praze. 1: 49-50. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Ruzicka, Vladimír.

Senescence of plants. Věstník Sjezdu Česko-
slovenských Bot. Praze. 1: 44-45. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Schustler, František.

Some remarks to the system of Gentianeae.
Věstník Sjezdu Československých Bot. Praze. 1: 32-34.
1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Senft, Emanuel.

Nové lišejníky Čech. Věstník Sjezdu Českosloven-
ských Bot. Praze. 1: 101. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Smolák, Jaroslav.

Phytopathology as a part of botany and as an independent
science. Věstník Sjezdu Československých Bot. Praze.
1: 24-25. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Straňák, Fr.

Rakovina bramboru. Věstník Sjezdu Českosloven-
ských Bot. Praze. 1: 53-54. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Ulehla, Vladimír.

About some physiological qualities of the seedling
of *Pharbitis hispida* Choisy. Věstník Sjezdu Českosloven-
ských Bot. Praze. 1: 20-23. 1923.

Abstract of paper before 1st Congr. Czechoslovak
botanists, Prague.

Vict. Nat.

Williamson, H. B.

Description of a new Victorian plant. Vict.
Nat. 40: 231-234. pl. xvii. Mr. 1924. no. 11
Choristemon humilis, n. sp.

Vierteljahrsschr. Naturf. Ges. Zürich

Däniker, Albert

Biologische studien über baum-und waldgrenze,
insbesondere über die klimatischen ursachen und
deren zusammenhänge. Vierteljahrsschr. Naturf. Ges.
Zürich. 68: 1-102. Illus. Je. 1923. no. 1/2
Literaturverzeichnis: p. 95-100.

Rikli, Martin, Fibel, E., Samuelsson, G. & Steiner, H.
Ueber die pflanzenvegetation von Kreta und Griechen-
land. Vierteljahrsschr. Naturf. Ges. Zürich. 68: 103-
227. Je. 1923. no. 1/2
Literatur: p. 106-108.

Wiener Landw. Zeit.

Himmelbaur, Wolfgang.

Die blattrollkrankheit der kartoffel. Wiener
Landw. Zeit. 74: 43-44. F. 9, 1924. no. 11-12.

Zeitschr. Bot.

Lewitsky, G.

Über die chondriosomen bei den myxomyzeten.
Zeitschr. Bot. 16: 65-89. pl. i-ii. 1924. no. 2.

Zeitschr. Sukkulent.

Echinocactus pflanzii. Zeitschr. Sukkulent.
1923: 83-84. D. 15, 1923. no. 8.

Vaupel, Friedrich

Echinocactus asterias Zucc. Zeitschr. Sukku-
lent. 1923: 88. plate. D. 15, 1923. no. 8.

Vaupel, Friedrich

Echinocactus texensis Hopff. Zeitschr. Sukku-
lent. 1924, no. 9, p. 102-103. illus. F. 15, 1924.

Zeitschr. Ver. Deut. Zuck.-Ind.

Müller, Hans C. and Molz, E.

Versuche über rübensamenbeize zur bekämpfung des
wurzelbrandes. Zeitschr. Ver. Deut. Zuck.-Ind. 1924
p. 23-37. illus. Ja./F. 1924. no. 810.

Exper. Stat. Publ.

Coons, G. H. and Kotila, J. E.

Michigan potato diseases. Michigan Agr. Exp.
Stat. Spec. Bull. 125. 55 p. illus. D. 1923.
(Rec'd. Ap. 1924)

Branstetter, B. B.

Corn root rot. Missouri Agr. Exp. Stat. Circ.
117. 8 p. illus. Mr. 1924.

Thomas, R. C.

Control of stinking smut or bunt of wheat with
special reference to dust treatment. Ohio Agr.
Exp. Stat. Mo. Bull. v. 9, no. 1/2. p. 22-27. illus.
Ja.-F. 1924.

Young, H. C.

Sulphur as a spray material. Ohio Agr. Exp.
Stat. Mo. Bull. v. 9, no. 1/2. p. 9-11. Ja.-F.
1924.



NEW BOOKS

- Ducomet, Vital
Les principales maladies de la pomme de terre
Paris. [192?]
- Fiori, Adriano
Nuova flora analitica d'Italia v.1, f.3,
Firenze, 1923.
- Fryer, P. J.
Successful spraying. London, E. Benn, 1923.
- Gamble, J. S.
Flora of the presidency of Madras. pt.6
Scrophulariaceae to Plantaginaceae. p.963-1160.
London, 1924.
- Hawaii- University. Extension service department.
Annual short course in pineapple production... 2d
Honolulu, 1924.
Pineapple diseases. By H. L. Lyon: p. 61-80.
- La Pietra, Michele
Il moscarino (lampasciulo) Muscari comosum Mill.
Bari, 1923.
- Müller, H. C.
Methoden zur feststellung der keimfähigkeit von
pflanzensamen. In Abderhalden, E. Handbuch der
biologischen arbeitsmethoden Abt.XI, t.2, h.4, p.719-
764. 1924.
- Nowell, William.
Diseases of crop-plants in the lesser Antilles.
London, West India Co., [1923]
- Wageningen. Plantenziektenkundigen dienst.
Sproeien en sproeiërs. Its Versl. en Meded.
no. 33. 21pp 5 pl. F.1924.
- Weber, Friedl.
Methoden der viscositätsbestimmung des lebenden
protoplasmas In Abderhalden, E. Handbuch der
biologischen arbeitsmethoden Abt.XI, 5 t: 2, h. 4,
p. 655-718. illus. 1924.
Bibliographical foot notes.

Translations

Available in the Bur. of Plant Industry Library.

Gassner, Gustav

Untersuchungen über die abhängigkeit des auftretens
der getreideroste vom entwicklungsstadium der nähr-
pflanze und von äusseren faktoren (Investigations of the
dependence of the occurrence of cereal-rusts on the de-
velopmental stage of the host plant and on external
factors) Centralbl. Bakt. abt.2, 44: 512-617. 1915.

Reprints from Journals not yet received or not available.

LaRue, C. C.

Eight months in the Amazon jungles. University
botanist makes investigation of rubber industry for
United States government. Reprinted from Michigan
Alumnus. 30: 749-755. illus. Ap.1924. no.390.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 134.
Apr. 21, 1924 - May 3, 1924.

Agr. Journ. India.

Kottur, G. L.

Notes on cotton wilt in the southern Maratha
country. Agr. Journ. India. 19: 155-159.
Mr. 1924. no. 2.

Mukerjee, J. N.

Carbon dioxide in soil gases. Agr. Journ.
India. 19: 146-154. Mr. 1924. no. 2.

Amer. For. & For. Life.

Hunt, G. M.

The devil's flower garden. Amer. For. & For.
Life. 30: 278-280. illus. My. 1924. no. 365.

Judd, C. S.

The leper's tree. On the small island of Oahu,
in the Pacific Ocean, the Hawaiian government is
growing Chaulmoogra trees as a source of oil
valuable in the treatment of leprosy. Amer. For.
& For. Life. 30: 275-277. illus. My. 1924.
no. 365.

Sudworth, G. B.

The Arizona cypress and weeping juniper. Two
notable trees of the Chisos Mountains of West
Texas. Amer. For. & For. Life. 30: 273-274,
317. illus. My. 1924. no. 365.

Cupressus arizonica, *Juniperus flaccida*.

Wise, L. E.

Trees as oil producers. Amer. For. & For.
Life. 30: 301-304. illus. My. 1924. no. 365.

Amer. Journ. Bot.

Adams, John.

The effect on tomato, soy bean, and other plants
of altering the daily period of light. Amer.
Journ. Bot. 11: 229-232. Ap. 1924. no. 4.

Bibliography: p. 231-232.

Brink, R. A.

The physiology of pollen. I- Amer. Journ.
Bot. 11: 218-228. Ap. 1924. no. 4.

I. The requirements for growth.

Amer. Journ. Bot. (cont.)

Longley, A.E.

Cytological studies in the genus *Rubus*. Amer. Journ. Bot. 11: 249-282. illus., pl.xi-xv. Ap. 1924. no.4.

Literature cited: p. 277-280.

Munz, P.A.

A revision of the genus *Nemacladus* (Campanulaceae) Amer. Journ. Bot. 11: 233-248. pl.ix-x. Ap. 1924. no.4.

Reynolds, E.S.

Some relations of *Fusarium lini* and potassium cyanide. Amer. Journ. Bot. 11: 215-217. Ap. 1924. no.4.

References: p. 217.

Fungus at first injured by the cyanide, but later seems benefited by it.

Amer. Journ. Pharm.

LaWall, C. H.

The romance of drugs. I. Vegetable and animal drugs. Amer. Journ. Pharm. 96: 246-247. illus. Ap. 1924. no.4.

Ann. Sci. Agron.

Chaptal, L.

Les avertissements agricoles et la phytopathologie. Ann. Sci. Agron. 41: 39-44. Ja.-F. 1924. no.1.

Vincent, Victor.

Étude sur l'acidité des sols et leurs besoins en chaux. Ann. Sci. Agron. 41: 1-13. Ja.-F. 1924. no.1.

Ann. Univ. Stellenbosch.

Van der Byl, Paul.

Suid-Afrikaanse *Lentinus*-soorte. Ann. Univ. Stellenbosch. v.2 (A), no.1. p.1-11. illus. F. 1924.

English summary: p. 7.

Verwoerd, Len.

Peronospora mesembryanthemi, n.sp., die oorsaak van 'n donsige skimmelsiekte van *Mesembryanthemum*-soorte. Ann. Univ. Stellenbosch. v.2 (A), no. 1. p.13-23. illus. F. 1924.

English summary: p. 19.

Arch. Anat. Micros.

Guilliermond, Alexandre.

Nouvelles recherches sur les constituants morphologiques du cytoplasme de la cellule végétale. Arch. Anat. Micros. 20: 1-210. illus., pl. i-xv. Mr. 1923. (Rec'd Ap.1924) no.1.

Index bibliographique: p. 197-202.

Better Fruit.

Zundel, G. L.

Pertinent pointers on brown rot of stone fruits. Better Fruit. v. 18, no.10. p.7,25. illus. Ap. 1924.

Casual organism not given.

Bol. Agr. Tecn. & Econ. Spain.

Priego, J. M.

Les variedades del olivo en la región agrónomica de Andalucía oriental. Bol. Agr. Técn. & Econ. Spain 16: 252-271. illus. Mr. 1924. no.183.

Bot. Gaz.

Burge, W.E. & Burge, E.L.

Effect of temperature and light on catalase content of Spirogyra. Bot. Gaz. 77: 220-224. Ap. 1924. no.2.

Literature cited: p.224.

Cleland, R. E.

Meiosis in pollen mother cells of *Oenothera franciscana sulfurea*. Bot. Gaz. 77: 149-170. pl. xiv-xv. Ap. 1924. no. 2.

Literature cited: p. 169.

Cook, M. T.

Development of seed of *Linaria vulgaris*. Bot. Gaz. 77: 225-227. pl.xvi. Ap.1924. no.2.

Crist, J.W. & Weaver, J.E.

Absorption of nutrients from subsoil in relation to crop yield. Bot. Gaz. 77: 121-148. illus. Ap. 1924. no.2.

Literature cited: p. 147-148.

Knudson, Lewis.

Further observations on nonsymbiotic germination of orchid seeds. Bot. Gaz. 77: 212-219. illus. Ap. 1924. no.2.

Literature cited: p. 219.

Bot. Gaz. (cont.)

Kozłowska, Aniela.

Diluvian flora of Poland. Bot. Gaz. 77:
186-198. Ap. 1924. no.2.
Literature cited: p. 197-193.

Morrison, L.E. & Tanner, F.W.

Studies on thermophilic bacteria. Bot. Gaz.
77: 171-185. Ap. 1924.
Literature cited: p. 183-185.

Sherff, E.E.

Charles Frederick Millspaugh. Bot. Gaz. 77:
228-230. part. Ap. 1924. no.2.

Smith, R. W.

Use of negative prints for comparing microscopic
structures. Bot. Gaz. 77: 230-232. illus.
Ap. 1924. no.2.

Trelease, S.F. & Trelease, H.M.

Relation of seed weight to growth and variability
of wheat in water cultures. Bot. Gaz. 77: 199-
211. Ap. 1924. no.2.
Literature cited: p. 211.

Bot. Mag. Tokyo.

Honda, Masaji.

Ueber die nomenklatur der pflanzen. Bot. Mag.
Tokyo. 38: (55)-(58). F. 1924. no. 446.
In Japanese.

Imai, Yoshitaka.

Genetic studies in morning glories VIII-
On the linkage value of yellow leaf and brown
flower. IX. On the behavior of factor for the
willow leaf in *Pharbitis nil*. Bot. Mag. Tokyo.
38: (9)-(16), (27)-(44). illus. Ja.-F.1924.
no. 445-446.

Bibliography: p. (16).

In Japanese.

English summary: p. 21, 36.

Komuro, Hideo.

Studies in the effect of Röntgen rays upon the
germination of *Oryza sativa*. Bot. Mag. Tokyo.
38: 1-20. illus. Ja. 1924. no. 445.
Literature cited: p. 20.

Bot. Mag. Tokyo. (cont.)

Kuwada, Yoshinari.

On the study of the mechanism of crossing-over.

Bot. Mag. Tokyo. 38: (23)-(26). Ja. 1924. no. 445.
In Japanese.

Miyake, Kiichi, Imai, Yoshitaka, & Tabuchi, Kiyoo.

On the genetic behavior of some factors in aduki-

bean. Bot. Mag. Tokyo. 38: (1)-(9). Ja.
1924. no. 445.

Bibliography: p. (9).

In Japanese; English summary: p. 21.

Nakadi, M.

Theriotia lorifolia Card. from Simotuke. Bot.

Mag. Tokyo. 38: (48). F. 1924. no. 446.

In Japanese.

Nakai, Takenoshin.

Abstract from T. Nakai: "Trees and shrubs indigen-
ous in Japan proper Vol. I. (1922), with additional
remarks on some species. Bot. Mag. Tokyo. 38: 23-
35. F. 1924. no. 446.

Sakamura, Tetsu.

Hydrogen-ion concentration and double maximum

curve. Bot. Mag. Tokyo. 38: (48)-(55). F.
1924. no. 446.

In Japanese.

Bibliography: p. (55).

Yasuda, A.

Notes on fungi. 142-143. Bot. Mag. Tokyo.

38: (20)-(21), (46)-(48). Ja.-F. 1924. no. 445-446.

In Japanese.

Brit. Journ. Exper. Biol.

Blackburn, K.B.

The cytological aspects of the determination of

sex in the dioecious forms of *Lychnis*. Brit.
Journ. Exp. Biol. 1: 413-430. pl. i-ii. Ap.
1924. no 3.

References: p. 428-429.

Bull. Dept. Agr. Brit. Columbia.

Tice, Cecil.

The British Columbia potato. Bull. Dept. Agr.

Brit. Columbia. 86. 84 p. illus. 1924.

Revised.

Potato-diseases, by J.W. Eastham: p. 59-79.

Bull. Dept. Agr. Mauritius Sci. Ser.

Tempany, H. A.

Some studies in connection with the development of the sugar cane. Bull. Dept. Agr. Mauritius. Sci. Ser. no. 9. 16 p. pl. 1-4. S. 1923 (1924)
List of references: p. 16.

Bull. Green Sect. U.S. Golf Assoc.

Oakley, R.A.

Brown-patch investigation. Bull. Green Sect. U.S. Golf Assoc. 4: 87-92. illus. Ap. 1924. no. 4.
Address before ann. meet. Green sect., New York, Ja. 5, 1924.

Bull. Soc. Bot. France.

Allorge, Pierre.

Une excursion phytosociologique aux lacs de Biscarrosse (Landes) Bull. Soc. Bot. France. 70: 693-717. illus., pl. x-xiii. D. 1923 (Rec'd Ap. 1924) no. 7/8.

Blaringhem, Louis.

Etudes sur le polymorphisme floral IV. Sexualité et métamorphose des épis de *Plantago lanceolata* L. Bull. Soc. Bot. France. 70: 717-725. pl. xiv. D. 1923 (Rec'd Ap. 1924) no. 7/8.

Bouly de Lesdain, Maurice.

Notes lichenologiques XXI Bull. Soc. Bot. France. 70: 842-849. F. 1924. no. 9/10.

Aspicilia meylani, *Buellia duarti*, *Polyblastiopsis myrticola*, nov. sp.

Bugnon, Pierre.

Sur l'évolution du concept de phyllorhize. Bull. Soc. Bot. France. 70: 837-842. F. 1924. no. 9/10.

Bugnon, Pierre.

Sur les homologues foliaires chez les plantes à graines. Bull. Soc. Bot. France. 70: 732-735. D. 1923 (Rec'd Ap. 1924). no. 7/8.

Camus, Aimée.

Le genre *Aponogeton* L.f. Bull. Soc. Bot. France. 70: 670-676. D. 1923 (Rec'd Ap. 1924). no. 7/8.

Camus, Aimée

Le genre *Digastrum* A. Camus (graminées) Bull. Soc. Bot. France. 70: 849-850. F. 1924. no. 9/10.

Bull. Soc. Bot. France (cont.)

Camus, Aimée

Le genre *Leptosaccharum* (Hackel) A. Camus.

Bull. Soc. Bot. France. 70: 736-738. D. 1923.
(Rec'd Ap. 1924) no. 7/8

Chevalier, Auguste.

Notice nécrologique sur l'abbé Letacq. Bull.

Soc. Bot. France. 70: 690-691 D. 1923 (Rec'd Ap.
1924) no. 7/8.

Chevalier, Auguste.

Notice nécrologique sur Louis Capitaine. Bull,

Soc. Bot. France. 70: 692. D. 1923 (Rec'd Ap. 1924)
no. 7/8.

Chevalier, Auguste.

L'origine géographique et les migrations des

bruyères. Bull. Soc. Bot. France. 70: 855-870.
F. 1924. no. 9/10.

Dangeard, Pierre.

Remarques sur l'état du cytoplasme observé "in

vivo" dans l'albumen d'une graine de ricin, a l'état
de vie ralentie. Bull. Soc. Bot. France. 70: 895-
898. illus. F. 1924. no. 9/10.

Deflandre, Georges.

Emploi de la nigrosine dans l'étude des algues

inférieures. Bull. Soc. Bot. France. 70: 738-
741. D. 1923 (Rec'd Ap. 1924) no. 7/8.

Dop, Paul.

Contribution à l'étude du genre *Premna* L.

(concl.) Bull. Soc. Bot. France. 70: 829-836.
F. 1924. no. 9/10.

Premna thorelii, n.sp.

Gagnepain, François.

Euphorbiacées nouvelles ou critiques (*Acalypha*,

Exoecaria, *Gelonium*) Bull. Soc. Bot. France. 70:
871-876. F. 1924. no. 9/10.

Gandoger, Michel.

La famille des strychnacées. Bull. Soc. Bot.

France. 70: 919-923. F. 1924. no. 9/10.

Bibliographie: p. 923.

Gandoger, Michel.

Un peu de bibliographie et d'iconographie bo-

taniques. Bull. Soc. Bot. France. 70: 665-670.
D. 1923 (Rec'd Ap. 1924) no. 7/8.

Bull. Soc. Bot. France. (cont.)

Gandoger, Michel.

Plantes de Chine du R.F. Chanet, 2^e
série. Bull. Soc. Bot. France. 70: 826-
829. F. 1924. no. 9/10.

Guillaumin, André.

Espèces et localités nouvelles de styracacées
de l'Asie orientale. Bull. Soc. Bot. France. 70:
882-886. F. 1924. no. 9/10.

Guillaumin, André.

Notules tératologiques II. Bull. Soc. Bot.
France. 70: 850-851. illus. F. 1924. no. 9/10.
Fleur monstrueuse de *Cypripedium*.

Litardière, René de.

Quelques plantes recueillies en Corse par M.
Aylies. Bull. Soc. Bot. France. 70: 817-823.
F. 1924. no. 9/10.

Mascre, Marcel.

Les cellules à anthocyane des pétales d'*Anagallis*.
Bull. Soc. Bot. France. 70: 888-895. illus. F.
1924. no. 9/10.

Meunissier, Auguste.

Le *Castanea vesca heterophylla* de Verrières
Bull. Soc. Bot. France. 70: 676-679. D. 1923.
(Rec'd Ap. 1924) no. 7/8.

Moreau, Fernand. & Moreau, Mme.

Essai de filiation des houblons de Bourgogne.
Bull. Soc. Bot. France. 70: 726-731. D. 1923.
(Rec'd Ap. 1924) no. 7/8.

Moreau, Fernand & Moreau, Mme.

Essai de reconstitution de la phylogénie des
houblons de l'est de la France. Bull. Soc. Bot.
France. 70: 636-644. D. 1923 (Rec'd Ap. 1924)
no. 7/8.

Pavillard, Jules.

A propos de la systématique des péridiniens.
Bull. Soc. Bot. France. 70: 876-882, 914-918.
illus. F. 1924. no. 9/10.

Souéges, René.

Développement de l'embryon chez le *Geum urbanum*
L. Bull. Soc. Bot. France. 70: 645-660. illus.
D. 1923. (Rec'd Ap. 1924) no. 7/3.

- Bull. Soc. Vaud. Sci. Nat.
Cruchet, Denis.
Recherches mycologiques à Montagny et aux
environs d' Yverdon. 2^d partie. Bull. Soc.
Vaud. Sci. Nat. 55: 155-177. 1923. no. 212.
- Bull. Torr. Club.
Blake, S. F.
New Polygalas from Colombia. Bull.
Torr. Bot. Club. 51: 85-89. Mr. 1924. no. 3.
- Schaffner, J. H.
Expression of the sexual state in *Sagittaria*
latifolia. Bull. Torr. Bot. Club. 51: 103-112.
Mr. 1924. no. 3.
- Smith, C. P.
Studies in the genus *Lupinus* X. The *Micranthi*
concluded. Bull. Torr. Bot. Club. 51: 91-102.
illus. Mr. 1924. no. 3.
- Calif. Citrogr.
Jones, E. H.
Irrigation as frost protection in citrus grove.
Calif. Citrogr. 9: 260. My. 1924. no. 7.
- Shamel, A. D., Pomeroy, C. S., and Caryl, R. E.
Bud selection as related to quantity production
in the Washington Navel orange. Calif. Citrogr.
9: 250, 287. illus. My. 1924. no. 7.
- Compt. Rend. Acad. Agr. France.
Faës, Henry & Staehelin, M.
La maladie des abricotiers dans le Valais.
Compt. Rend. Acad. Agr. France. 10: 427-428.
Ap. 9, 1924. no. 13.
Abstract by Louis Mangin.
- Mangin, Louis.
Les champignons destructeurs du bois. Compt.
Rend. Acad. Agr. France. 10: 428-430. Ap. 9,
1924. no. 13.
Abstract of article publ. in Journ. Soc. Centr.
Arch.
- Compt. Rend. Acad. Sci. Paris.
Amar, Jules.
Coagulation et vie végétale. Compt. Rend.
Acad. Sci. Paris. 178: 1317-1319. Ap. 7, 1924.
no. 15.
- Vertrand, Gabriel & Djoritch, Y.
Sur un nouveau chromogène cristallisé, l'esculé-
tol, retiré du marronnier d'Inde. Compt. Rend.
Acad. Sci. Paris. 178: 1233-1236. Ap. 7, 1924
no. 15.

Compt. Rend. Acad. Sci. Paris. (cont.)

Bridel, Marc.

Sur la véritable nature glucoside à salicylate de méthyle existant dans l'écorce du *Betula lenta* L.
Compt. Rend. Acad. Sci. Paris. 178: 1310-1312.
Ap.7, 1924. no. 15.

Bugnon, Pierre.

Dichotomie foliaire chez le gui (*Viscum album* L.)
Compt. Rend. Acad. Sci. Paris. 178: 1305-1307.
illus. Ap.7, 1924. no. 15.

Charaux, Camillo.

Sur le dédoublement biochimique de la rutine.
Obtention d'un glucide nouveau, le rutinose.
Compt. Rend. Acad. Sci. Paris. 178: 1312-1314.
Ap. 7, 1924. no.15.

Lelièvre, J. & Ménager, Y.

Dosage simultané de l'iode minéral et organique dans les algues.
Compt. Rend. Acad. Sci. Paris.
178: 1315-1316. Ap.7, 1924. no. 15.

Souèges, René.

Embryogénie des linacées. Développement de l'embryon chez le *Linum catharticum* L.
Compt. Rend. Acad. Sci. Paris. 178: 1307-1310. illus. Ap.7, 1924. no.15.

Country Life.

Dykes, W. R.

Some bearded irises I-II. Country Life. 55: 579-581, 623-624. illus. Ap. 12, 19, 1924.
I-II. Pogoniris.

Canad. Field Nat.

Mousley, Henry.

Further notes on the orchids of Hatley, Stanstead county, Quebec, 1923. Canad. Field Nat. 38: 61-63.
Ap.1924. no.4.

Deut. Obstb. Zeit.

Das auftreten wichtiger obstbaumschädiger in der Provinz Brandenburg 1923. Deut. Obstb. Zeit. 70, (Beilage): 2-4. 3 Ap. 1924. no.14.

Floralia.

Schenk, P. J.

Wortelnobbel aan dahlia. Floralia. 45: 254-255. illus. Ap. 18, 1924. no. 16.

Flor. Exch.

Connors, C.H.

Accelerating root formation in carnation cuttings. Flor. Exch. 57: 1354. illus. Ap. 26, 1924. no. 17.
Potassium permanganate used as an oxidizing agent, the oxygen given off accelerating the formation of the callus.

Flow. Grow.

Brown, C. W.
Gladiolus nomenclature. List of named gladioli.
Flow. Grow. 11: 200. My. 1924. no. 5.

Howe, M. A.
Dahlias and their culture. Flow. Grow. 11:
172-174. illus. My. 1924. no. 5.

Garden.

Osborn, Arthur.
Viburnums - the Asiatic species. (concl.)
Garden. 88: 221-223. illus. Ap. 5, 1924. no. 2733.

Gard. Mag.

Eldredge, A. G.
A new tree garden for the middle west. Memorial
to J. Sterling Morton, clear-visioned pioneer and
Secretary of Agriculture, founded by his son. Gard.
Mag. 39: 219-220. illus. My. 1924. no. 3.
Near Lisle, Illinois.

Wilson, E. H.
Where orchids are at home. I- Gard. Mag. 39:
215-219, illus. My. 1924. no. 3.
I. Tropical orchids of the Old World.

Gard. Chron.

Clements, E.
Germination of orchid seeds without fungal aid
Gard. Chron. III, 75: 192. Ap. 5, 1924. no. 1945.
Abstract of paper read before British Mycolo-
logical society,

F , J.
Crinum yemense, Defflers. Gard. Chron. III, 75:
201. illus. Ap. 12, 1924. no. 1946.

Sterilisation of narcissus bulbs by hot water. Gard.
Chron. III, 75: 193-194. Ap. 5, 1924. no. 1945.

Demonstration at Peterborough at the works of
Messrs. Barford and Perkins of apparatus for the
purpose.

Stout, A. B.
Sterility in lilies. Gard. Chron. III, 75:
209. illus. Ap. 12, 1924. no. 1946.

Ward, F. K.
Mr. F. Kingdon Ward's eighth expedition in Asia.
Gard. Chron. III, 75: 206-207. illus. Ap. 12, 1924.
no. 1946.

Ware, W. M.
Occurrence in England of the winter stage (*Venturia*
inaequalis) of the apple-scab fungus. Gard. Chron.
III, 75: 190. illus. Ap. 5, 1924. no. 1945.
illus. also on p. 191.

Bard. Chron. (cont.)

Welsford, E.J.
[Clove diseases] Gard. Chron. III, 75:
213 Ap. 12, 1924. no. 1946.

Gard. Chron. Amer.

Craig, W. N.
A history of orchid culture in the United States.
Gard. Chron. Amer. 28: 103-104. Ap. 1924. no. 4.

Craig, W. N.
Raising orchids from seed. Gard. Chron. Amer.
28: 100-102. illus. Ap. 1924. no. 4.

Gartenw.

Allinger, Gustav.
Medizinische gärten und gärten bei krankenhäusern.
Gartenw. 28: 118-122. illus. Mr. 28, 1924. no. 13.

Gartn.-Tid.

Jensen, A. C.
Rust paa nelliker. Gartn.-Tid. 40: 193-194.
Ap. 8, 1924. no. 15.

Gram, Ernst.
Mosaiksyge i drivhusene. Gartn.-Tid. 40: 189-
193. illus. Ap. 8, 1924. no. 15.
Litteratur: p. 192-193.

Genetica.

Fruwirth, Carl.
Eine auffallende linsen-wickenbastardierung.
Genetica. 5: 481-496. S.-N. 1923. (Rec'd Ap.
1924) no. 5-6.

Honing, J. A.
Nicotiana deformis n.sp. und die enzymtheorie der
erblichkeit. Genetica. 5: 455-476. illus., pl. i-
ii. S.-N. 1923 (Rec'd Ap. 1924) no. 5-6.

Nabours, R. K.
A new dominant color pattern and combinations that
breed true in the grouse locusts. Genetica. 5: 477-
480. col. pl. S.-N. 1923. (Rec'd Ap. 1924) no. 5-6.
Literature cited: p. 480.

Schreiner, Alette.
Zur erblichkeit der kopfform. Genetica. 5: 385-
454. S.-N. 1923 (Rec'd Ap. 1924) no. 5-6.
Literaturverzeichnis: p. 454.

Wolda, G.
Akklimatisierung und deklimatisierung. Resultate
ornithologischer untersuchungen in den jahren. 1907-
1923. Genetica. 5: 497-526. pl. i-ii. S.-N. 1923.
(Rec'd Ap. 1924) no. 5-6.

Hawaiian Plant. Rec.

Loew, Oscar.
Chlorid of lime as a soil disinfectant. Hawaiian
Plant. Rec. 28: 304-306. Ap. 1924. no. 2.

Smith, Twigg.
The identification of cane varieties. Hawaiian
Plant. Rec. 28: 219-224. Ap. 1924. no. 2.



House and Gard.

Wilson, E. H.
Hardy climbers for the garden. House & Gard.
v.45, no.5. p.70-71, 120, 122, 124. illus. My.
1924.

Illus. Landw. Zeit.

Baacke, R.
Prof. dr. Oskar Loew. Illus. Landw. Zeit.
44: 122. illus. Ap.4, 1924. no.14.

Irish Nat.

Phillips, R.A.
Some new county and vice-county records for Irish
plants. Irish Nat. 33: 33-38. Ap. 1924. no.4.

R , L. P. W.
Marcus Hartog. Irish Nat. 33: 39-40. Ap. 1924.
no.4.

Istria Agr.

Vardabasso, G.
La muffa o malbianco delle rose (Sphaerotheca
pannosa) Istria Agr. 4: 132-135. Mr.31, 1924.
no.6.

Journ. Agr. Res.

Harris, J.A., Lawrence, Z.W., Hoffman, W.F.,
Lawrence, J.V. & Valentine, A.T.
The tissue fluids of Egyptian and Upland cottons
and their F hybrid. Journ. Agr. Res. 27: 267-
328. pl.i. F.2, 1924 (Rec'd Ap.) no.5.
Literature cited: p. 325-327.

Hursh, C.R.
Morphological and physiological studies on the
resistance of wheat to Puccinia graminis tritici
Erikss. and Henn. Journ. Agr. Res. 27: 381-
412. pl.1-2. F.9, 1924. (Rec'd My.) no.6.
Literature cited: p.408-411.

Kearney, T.H. & Harrison, G.J.
Selective fertilization in cotton. Journ. Agr.
Res. 27: 329-340. F.9, 1924 (Rec'd My.) no.6.
Literature cited: p. 340.

Stakman, E.C. & Aamodt, O.S.
The effect of fertilizers on the development of
stem rust of wheat. Journ. Agr. Res. 27: 341-
380. pl.1-3. F.9, 1924 (Rec'd My.) no.6.
Literature cited: p. 377-379.

Journ. Agr. Sci.

Blackman, V. H.
Field experiments in electro-culture. Journ.
Agr. Sci. 14: 240-267. Ap. 1924. no.2.
Literature cited: p.266-267.

Blackman, V.H. & Legg, A. T.
Pot-culture experiments with an electric dis-
charge. Journ. Agr. Sci. 14: 268-286. pl.ii.
Ap. 1924. no.2.
Literature cited: p. 285.

Journ. Agr. Sci. (cont.)

Engledow, F.L. & Wadham, S.M.

Investigations on yield in the cereals. I.
Journ. Agr. Sci. 14: 287-324. Ap. 1924. no.2.
Bibliography: p. 322-324.

Newton, Robert.

Colloidal properties of winter wheat plants in
relation to frost resistance. Journ. Agr. Sci.
14: 178-191. pl. i. Ap. 1924. no.2.
References: p. 191.

Salaman, R.N.

The determination of the best method for esti-
mating potato yields, together with a further note
on the influence of size of seed on the character and
yield of the potato. III. Journ. Agr. Sci. 13: 361-
389. O. 1923. no.4.
Bibliography: p. 389.

For. I-II See his The influence of size and
character of seed on the yield of potatoes.

Journ. Bot.

Almquist, Ernst.

The origin of constant species. Journ. Bot.
62: 97-102. Ap. 1924. no.736.

Britten, James.

Menzies' Journal of Vancouver's voyage, April to
October, 1792, with botanical and ethnological notes
by C.F. Newcombe, M.D. and a biographical note by J.
Forsyth. Archives of British Columbia. Memoir no.
V...1923 [Review] Journ. Bot. 62: 119-123.
Ap. 1924. no.736.

Church, A. H.

Reproductive mechanism in land flora. Journ. Bot.
62: 108-112. Ap. 1924. no.736.
I. Sex-theory.

Sprague, T. A.

Notes on Mexican Tiliaceae. Journ. Bot. 62: 106-108.
Ap. 1924. no.736.
Notes on Standley's Trees and shrubs of Mexico.

Thorp, Justus.

A new *Pyrenacantha* from Natal. Journ. Bot. 62:
115-116. Ap. 1924. no.736.
P. cordata.

Wilmott, A. J.

Thymus tenuifolius Miller. Journ. Bot. 62:
113-114. Ap. 1924. no.736.
T. tenuifolius synonym of *T. vulgaris*.

Journ. Dept. Agr. So. Australia.

Stinking smut. Tests with various control methods.
Journ. Dept. Agr. So. Australia. 27: 776-777. Mr. 1924.
no.8.

Journ. Dept. Agr. Victoria.

Richardson, A. E. V.

Structure and development of the wheat plant.
Journ. Dept. Agr. Victoria. 22: 139-157. illus.
Mr. 1924. no.5.

Journ. Linn. Soc. Bot.

Bandulska, Helena.

A preliminary paper on the cuticular structure of
certain dicotyledonous and coniferous leaves from the
middle eocene flora of Bournemouth. Journ. Linn.
Soc. Bot. 46: 241-269. illus., pl.20-21. Ap.
1923. no.308.

Bibliography: p.269.

Batten, Lily.

The genus *Polysiphonia*, Grev., a critical revision
of the British species, based upon anatomy. Journ.
Linn. Soc. Bot 46: 271-311. pl.22-25. Ap. 1923.
(Rec'd Ap.1924) no.308.

Bibliography: p.308-310.

Journ. N.Y. Bot. Gard.

Gleason, H.A.

The spices of commerce. Journ. N.Y. Bot. Gard.
25: 111-114. Ap. 1924. no.292.

Rusby, H. H.

Tropical American plants at home. I- Journ.
N.Y. Bot. Gard. 25: 107-111. Ap. 1924. no.292.
I. The Begonias.

Stout, A. B.

The viability of date pollen. Journ. N.Y.
Bot. Gard. 25: 101-106. illus., pl.288-290. Ap.
1924. no.292.

Journ. Phys. & Path. Gén.

Popoff, Methodi.

Sur l'augmentation de la production agricole
par la stimulation des semences. Journ. Phys.
& Path. Gén. 22: 32-35. 1924. no.1.

"Bibliography": p. 34-35.

Journ. Roy. Hort. Soc.

Christy, Miller.

The garden Polyanthus: its origin and history.
Journ. Roy. Hort. Soc. 49: 10-24. Ja. 1924. no.1.

Forrest, George.

Exploration of N.W. Yunnan and S.E. Tibet, 1921-
1922. Journ. Roy. Hort. Soc. 49: 25-36. pl.
Ja. 1924.

Garden dahlias. Journ. Roy. Hort. Soc. 49:50-
61. pl. Ja. 1924. no.1.

Maxwell, Herbert.

Henry John Elwes, F.R.S., V.M.H. Journ. Roy.
Hort. Soc. 49: 40-46. port. Ja. 1924. no.1.

Journ. Soc. Nat. Hort. France.

Jeanson, Maurice & Bourgeois, M.

Variations avec ou sans greffage chez les
aubergines. Journ. Soc. Nat. Hort. France.
IV, 24: 96-100. illus. Mr. 1924.

Rivière, Gustave & Pichard, Georges.

Contribution a la physiologie de la greffe.
Influence du sujet porte-greffe sur le greffon.
Journ. Soc. Nat. Hort. France. IV, 24: 101-103.
Mr. 1924.

Landscape Arch.

Hamblin, S.F.

The plan for the Harvard university botanic garden.
Landscape Arch. 14: 180-185. Ap. 1924. no.3.

Koehler, H. J.

Planting a naturalistic garden theater in a
limestone region. Landscape Arch. 14: 153-170.
illus. Ap. 1924. no.3.

Malayan Agr. Journ.

South, F.W. & Birkinshaw, F.

Summary of the work of the inspection division
for the first three quarters of 1923. Malayan
Agr. Journ. 12: 32-50. F. 1924. no.2.

Meded. Algem. Proefst. Landb. Nederl. Ind.

Heide, F. F. R.

Bloembioologische onderzoekingen betreffende
sawahrijst. Meded. Algem. Proefst. Landb.
Nederl. Ind. no.15. 49 p. illus., pl. 1923.

Mem. Soc. Vaud. Sci. Nat.

Coulon, Jacques de.

Nardus stricta. Etude physiologique, anatomique
et embryologique. Mem. Soc. Vaud. Sci. Nat. 6:
245-532. illus. 1923 (Rec'd Ap. 1924).
Bibliographie: p. 331.

Microbiol. Circ. Dept. Agr. Jamaica.

Hansford, C. G.

The Panama disease of bananas. Microbiol.
Circ. Dept. Agr. Jamaica. 1923, no.1. 28 p.
pl. i-iv. 1923.

Hansford, C. G.

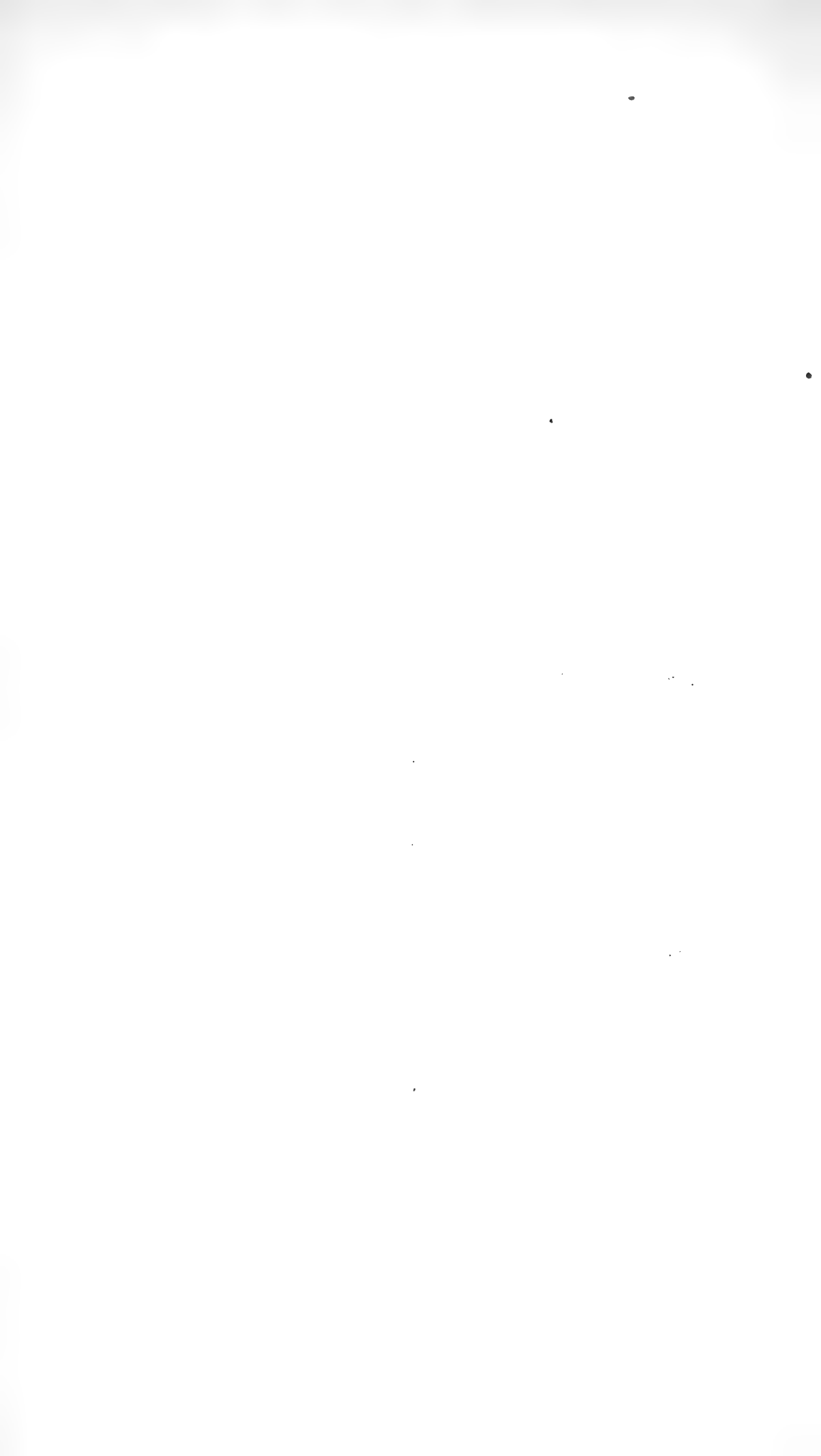
Tomato diseases and their control. Microbiol.
Circ. Dept. Agr. Jamaica. 1923, no.3. 12 p. 1924.

Missouri Bot. Gard. Bull.

Forcing grapes. Missouri Bot. Gard. Bull.
12: 45-51. pl. 8-9. Ap. 1924. no.4.

A new white orchid from Panama. Missouri Bot.
Gard. Bull. 12: 53. pl. 10-11. Ap. 1924.
no.4.

Poisoning caused by eating daffodil bulbs.
Missouri Bot. Gard. Bull. 12: 52. Ap. 1924. no.4.



Mitt. Deut. Landw. Ges.

Kindshover, T.

Erfolgreiche bekämpfungsversuche gegen die
kropfkrankheit oder hernie der kohlgewächse.

Mitt. Deut. Landw. Ges. 39: 259-260. Ap. 5, 1924.
no. 14.

Nat. Belge.

Correvon, Henry.

Les campunales alpines et saxatiles (cont.)

Nat. Belge. 5: 52-55. Ap. 1924. no. 4.

Houzeau de Lahaie, Jean.

Les hybrides des orchidées indigènes par les
orchidées exotiques. Nat. Belge. 5: 50-52.

Ap. 1924. no. 4.

Nature.

Folkard, C. W.

The "bleeding" of cut trees in spring. Nature.

113: 492. Ap. 5, 1924. no. 2840.

Supplementary note by J.H. Priestley.

Gregory, J. W.

The ancient river system of the Kalahari and the
possibility of its renewal. Nature. 113: 539-540.

Ap. 12, 1924. no. 2841.

Nature Mag.

Brownell, L. W.

Our white pine - a famous tree (*Pinus strobus*).

Nature Mag. 3: 297-299. illus. My. 1924. no. 5.

Hansen, A. A.

Jack-in-the-Pulpit - one of nature's oddities.

Nature Mag. 3: 281-282, 319. illus. My. 1924.
no. 5.

Naturwissenschaften.

Vries, Hugo de.

Mutationen und prämutationen. Naturwissen-
schaften. 12: 253-260. Ap. 4, 1924. no. 14.

New Zeal. Journ. Agr.

Davis, B. M.

Root-development of lucerne. New Zeal.

Journ. Agr. 26: 179-180. Mr. 1924. no. 3.

Notes R. Bot. Gard. Edinb.

Kang, M. M. B.

A new species of *Desmogyne*. Notes Roy. Bot.

Gard. Edinb. 14: 73-74. N. 1923 (Rec'd Ap.
1924). no. 68.

Desmogyne angustifolia.

Orr, M. Y.

The leaf glands of *Dioscorea macroura*, Harms.

Notes Roy. Bot. Gard. Edinb. 14: 57-72. illus.,
pl. cxcvii-cxcviii. N. 1923. (Rec'd My. 1924)
no. 68.

Smith, W. W. & Forrest, George.

New Primulaceae. Notes Roy. Bot. Gard. Edinb.

14: 31-36. N. 1923 (Rec'd My. 1924) no. 68.

Nuestra Tierra Buenos Aires.

Milieu de la vid. Nuestra Tierra. 7:
243-253. illus. Mr. 1924. no.119.

Propiedades medicinales de las plantas. Nuestra
Tierra. 7: 266. illus. Mr. 1924. no. 119.

Orchid Rev.

Dendrobiums. Orchid Rev. 32: 103-107. illus.
Ap. 1924. no.370.

Godfery, M. J.

X *Cephalanthera schulzei*. Orchid Rev. 32:
101-102. illus. Ap. 1924. no. 370.

Parks & Recreation.

Riis, P. B.

Game laws for plants. Parks & Recreation,
7: 405-408. illus. Mr.-Ap. 1924. no. 4.

Pharm. Journ.

Henry, Augustine.

Manna of larch and of Douglas fir, melezitose
and lethal honey. Pharm. Journ. 112: 387-
390. illus. Ap.12, 1924. no.3156.

Bibliographical notes: p.390.

Kassner, H.C.

The histological and chemical examination of
the seeds of *Ipomoea heterosea*, Jacquin, and other
species of *Ipomoea*. (concl.) Pharm. Journ.
112: 356-359. Ap.5, 1924. no.3155.

Bibliography: p.359.

Philipp. Agr.

Higgins, J. E.

Seediness in pineapples. Philipp. Agr. 12:
333-338. Ja. 1924. no.8.

Nacion, C. C.

Study of *Phizoctonia* blight of beans. Philipp.
Agr. 12: 315-321. Ja. 1924. no. 8.

Literature cited: p. 321.

Proc. Linn. Soc.N.S.W.

Anderson, R.H.

A revision of the Australian species of the
genus *Bassia*. Proc. Linn. Soc.N.S.W. 48: 317-
355. pl. xxxiv-xxxvi. O. 1923 (Rec'd Ap.
1924) no.3.

Collins, M.I.

Studies in the vegetation of arid and semi-arid
New South Wales. I- Proc. Linn. Soc. N.S.W.
48: 229-266. pl. xv-xxiii. O. 1923 (Rec'd Ap.
1924) no.3.

Literature cited: p.264.

I. The plant ecology of the Barrier district.

Proc. Linn. Soc. N.S.W. (cont.)

McLuckie, John.

Studies in symbiosis. V. A contribution to the physiology of *Gastrodia sesamoides* (R.Br.)
Proc. Linn. Soc. N.S.W. 48: 436-448. illus.
O. 1923 (Rec'd Ap. 1924) no.3.
Literature: p. 448.

Petrie, J. M.

Studies in plant pigments. I- Proc. Linn. Soc. N.S.W. 48: 356-367. O. 1923. (Rec'd Ap. 1924) no.3.

I. The yellow colouring matter of the Acacias.

Playfair, G. I.

Notes on freshwater algae. Proc. Linn. Soc. N.S.W. 48: 206-208. illus. O. 1923 (Rec'd Ap. 1924.) no.3.

Steel, J. K.

Anatomical features of the mature sporophyte of *Selaginella uliginosa*. Proc. Linn. Soc. N.S.W. 48: 287-300. illus. O. 1923 (Rec'd Ap. 1924) no.3.

List of references: p. 299-300.

Proc. N.Y. State Hort. Soc.

Heinicke, A. J.

Code of fruit nomenclature. Proc. New York State Hort. Soc. 69: 56-58. 1924.

Rankin, W. H.

Raspberry diseases. Proc. New York State Hort. Soc. 69: 139-145. 1924.

Stewart, F. C.

Inspection of nursery stock for crown gall. Proc. New York State Hort. Soc. 69: 105-108. 1924.

Thatcher, R. W. & Streeter, L. R.

Combination sprays. Proc. New York State Hort. Soc. 69: 50-56. 1924.

Whetzel, H. H.

Apple scab and foliage injury. Proc. New York State Hort. Soc. 69: 76-78. 1924.
Summary.

Proc. Agr. & Vitic.

Armet, H.

Bouillie nitrique et fumure par les feuilles.
Progr. Agr. & Vitic. 81: 351-352. Ap.13, 1924.
no.15.

Gauch, Achille & Durand, J.

Le court-noué. (concl.) Progr. Agr. & Vitic. 81: 323-327. Ap.6, 1924. no.14.

Villedieu, G.

A propos de l'action des bouillies anticryptogamiques. Progr. Agr. & Vitic. 81: 349-351. Ap.13, 1924. no.15.

Queensl. Agr. Journ.

Dannell-Smith, G. P.

"Bunchy-top" disease in bananas. Biologist's report. Queensl. Agr. Journ. 21: 169-179. Mr. 1924. no.3.

White, C. T.

Weeds of Queensland. no.35. Bitter bark, cinchona or quinine (*Alstonia constricta*) Queensl. Agr. Journ. 21: 252-253. illus. Mr. 1924. no.3.

Rep. Mass. Fruit Grow. Assoc.

Darrow, G. M.

Some problems of raspberry growers. Rep. Mass. Fruit Grow. Assoc. 30: 147-153. 1924.

Doran, William.

Experiments on the control of apple scab in 1923. Rep. Mass. Fruit Grow. Assoc. 30: 110-117. 1924.

Gardner, Victor R.

The function of nitrogen in the nutrition of the tree. Rep. Mass. Fruit Grow. Assoc. 30: 131-142. 1924.

Rev. Bot. Appl.

Chevalier, Auguste.

Dattiers à fruits comestibles cultivés sur la Côte d'Azur. Rev. Bot. Appl. 4: 183-198. Mr. 1924. no.31.

Chevalier, Auguste.

Sur l'*Urena lobata* ou aramina, plante tropicale textile. Rev. Bot. Appl. 4: 216-219. Mr. 1924. no.31.

Choux, Pierre.

Les américaines, haricots à petites graines de Madagascar et de la Réunion. Rev. Bot. Appl. 4: 184-187. Mr. 1924. no.31.

Fardé, Lecn, and others

La culture des Acacias à tanin en France et dans les colonies françaises. Rev. Bot. Appl. 4: 170-183. Mr. 1924. no. 31.

Schibley, A., Russell, J., Steklasa, J., Miège, E.

Les organismes vivant dans la terre et leurs rapports avec la fertilité des sols. Rev. Bot. Appl. 4: 153-163. Mr. 1924. no.31.

Vanderyst, R. P.

Etat actuel de la question du palmier à huile au Congo belge. Rev. Bot. Appl. 4: 198-206. Mr. 1924. no.31.



Rev. Hort.

- Bellair, Georges.
Soignons nos plantes. Rev. Hort. 96:
75. Ap. 1924. no.4.
- Buisson, J. M.
Le gombo. Rev. Hort. 96: 84-85. illus.,
col.pl. Ap. 1924. no.4.
- Martinet, H. & Lesourd, F.
La chaire de culture au Museum d'histoire
naturelle. (cont.) Rev. Hort. 96: 76-
78. illus. Ap. 1924. no.4.
- Mottet, Seraphim.
Les Evodia. Rev. Hort. 96: 80-81.
illus. Ap. 1924. no.4.

Rhodora.

- Fassett, N. C.
An *Epilobium* under estuarine conditions.
Rhodora. 26: 48-49. Mr.1924. no.303.
Epilobium glandulosum var. *ecomosum*.
- New England botanical club.
Reports on the flora of the Boston district.
XLIV. Rhodora. 26: 55-60. Mr. 1924. no.303.
- Robinson, B. L.
Miss Day. Rhodora. 26: 41-47. port.
Mr. 1924. no.303.
- Weatherby, C. A.
Another Davenport fern herbarium. Rhodora.
26: 49-55. Mr. 1924. no.303.
Herbarium given to Gray herbarium, Dec.1922 by
Miss Mary E. Davenport.

Science.

- Fairchild, H. L.
The history of the American association for the
advancement of science. Science. 59: 365-369,
385-390. Ap.25, My.2, 1924. no. 1530, 1531.
- [A new plant immigrant from Korea] Science.
59: Suppl. p. xiv. Ap.13, 1924. no.1529.
Lespedeza.
- Robertson, Charles.
Conditions of natural selection. Science.
59: 363-364. Ap.18, 1924. no.1529.
- Stevens, O. A.
What is a weed? Science. 59: 360-361.
Ap.18, 1924. no.1529.
- Washburn, F. L.
Breadfruit in the Marquesas. Science. 59: 359-
360. Ap.18, 1924. no.1529.

Science Progr.

Priestley, J. F.

Tar, smoke, and coal gas as factors inimical to
vegetation. Science Progr. 18: 587-596. plate.
Ap. 1924. no.72.

References: p. 594-596.

Torreyia.

Burnham, S. H. & Latham, R. A.

The flora of the town of Southold, Long Island
and Gardiner's Island, New York. Fourth supplementary
list. Torreyia. 24: 22-32. Mr.-Ap. 1924. no.2.

Seaver, Fred J.

Cup-fungi of common occurrence. Torreyia.
24: 17-21. illus. Mr.-Ap. 1924. no.2.

Trans. Amer. Micros. Soc.

Guba, E.F. & Young, P.A.

Check list of important references dealing with
the taxonomy of fungi. Trans. Amer. Micros. Soc.
43: 17-67. Ja. 1924. no.1.

Trans. & Proc. New Zeal. Inst.

Cheeseman, T. F.

New species of flowering plants. Trans. & Proc.
New Zeal. Inst. 54: 565-569. D. 1923 (Rec'd Ap.
1924)

Christensen, C. E.

On the behaviour of certain New Zealand arboreal
plants when gradually buried by river-shingle.
Trans. & Proc. New Zeal. Inst. 54: 546-548. pl.
51-53. D. 1923 (Rec'd Ap.1924).

Sand-dune plants -- Sphagnum-moss plants. --
Shingle-buried plants.

Cockayne, Leonard.

Thomas Frederic Cheeseman, 1846-1923. Trans. &
Proc. New Zeal. Inst. 54: xvii-xix. port. D.1923.
(Rec'd Ap. 1924).

Cunningham, G. H.

The Uredinales, or rust-fungi, of New Zealand: I-
Trans. & Proc. New Zeal. Inst. 54: 619-704. illus.,
pl. 77. D. 1923 (Rec'd Ap. 1924).

List of works referred to: p. 699.

I. Pucciniaceae, tribe puccineae (containing
descriptions and illustrations of seventy-five species.

Herriott, E. M.

Some morphological notes on the New Zealand giant
kelp, *Durvillea antarctica* (Chamisso) Trans. & Proc.
New Zeal. Inst. 54: 549-564. illus., pl. 54-55.
D.1923 (Rec'd Ap.1924).

List of works referred to: p. 564.

Trans. & Proc. New Zeal. Inst. (cont.)

Hilgardorf, F. W.

Natural self-fertilization of wheat on a large scale. Trans. & Proc. New Zeal. Inst. 54: 574-576. D.1923 (Rec'd Ap.1924).

Hiroa, T. R.

Maori plaited basketry and plaitwork I- Trans. & Proc. New Zeal. Inst. 54: 705-742. illus., pl. 78-82. D. 1923 (Rec'd Ap. 1924).

References: p. 742.

I. Mats, baskets, and burden-carriers.

Plants used: p. 707-709.

Holloway, J. E.

Studies in the New Zealand Hymenochytridaceae. I- Trans. & Proc. New Zeal. Inst. 54: 577-618. pl.56-76. D 1923 (Rec'd Ap.1924).

Literature cited: p. 618.

I. The distribution of the species in Westland, and their growth-forms.

Kirk, H. B.

James Hector, 1834-1907. Trans. & Proc. New Zeal. Inst. 54: ix-xii. port. D.1923 (Rec'd Ap. 1924).

Oliver, W. R. B.

Marine littoral plant and animal communities in New Zealand. Trans. & Proc. New Zeal. Inst. 54: 496-545. illus., pl. 42-50. D.1923 (Rec'd Ap. 1924.)

Literature: p. 544-545.

Petrie, Donald.

Descriptions of new native flowering-plants. (cont.) Trans. & Proc. New Zeal. Inst. 54: 569-572. D.1923 (Rec'd Ap.1924).

Sainsbury, G. O. K.

Notes on *Pittosporum obovatum*. Trans. & Proc. New Zeal. Inst. 54: 572-573. D. 1923 (Rec'd Ap. 1924.)

Trans. Illum. Eng. Soc.

Findlay, Hugh.

Preliminary studies in the response of plants to artificial light. Trans. Illum. Eng. Soc. 19: 316-325. pt. Ap.1924, no.4.

Discussion: p. 326-335.

Harvey, R. B.

Carbohydrate production and growth in plants under artificial light. Trans. Illum. Eng. Soc. 19: 311-317. pt. Ap. 1924. no.4.

Trans. Sci. Soc. Turkestan.

Popov, M. G.

Flora of many-colored hills of middle Boukharlia.

Trans. Sci. Soc. Turkestan. 1: 3-42. 6 pl. 1923.

Russian with English summary.

Descriptiones plantarum novarum: p. 34-41 (Spryginia (n.g.) *S.winkleri*, *Sisymbrium heterophyllum*, *Astragalus kelleri*, *Haplophyllum dubium*, *Euphorbia densiuscula*, *E.sogdiana*, *Cephalorhizum* (n.g.) *C.setiferum*, *C.copodum*, *Salvia bucharica*, *Pyrethrum galae*)

Korovin, E.P.

Vegetative formations of Nour-ata valley (boukharlia)

Trans. Sci. Soc. Turkestan. 1: 43-78. map. 1923.

Russian with English summary.

Korovin, E. P.

Species novae Turkestanicae g. *Acantholimon*. Trans. Sci. Soc. Turkestan. 1: 79-84. 1923.

Latin diagnosis.

Korovin, E. P.

Genus novum umbelliferarum ex Turkestanica. Trans. Sci. Soc. Turkestan 1: 85-88. pl. 1923.

Kosopoljanskia turkestanica.

Kultiasov, M. V.

Outline of the vegetation of Pistali-tau mountains.

Trans. Sci. Soc. Turkestan. 1: 89-108. 1923.

Russian with English summary.

Kultiasov, M.V.

[New species of *Cousinia* Cass.] Trans. Sci. Soc. Turkestan. 1: 109-114. 3 pl. 1923.

Russian with Latin diagnosis.

C.dissectifolia, *C.dilichophylla*, *C.vicaria*.

Kultiasov, M. V.

[Species of *Atraphaxis*] Trans. Sci. Soc. Turkestan. 1: 115-118. pl. 1923.

Latin diagnosis, *A. badghysi* n.sp.

Popov, M.G. & Wedensky, A. I.

Stachyopsis genus novum Labiatarum. Trans. Sci. Soc. Turkestan. 1: 119-122. pl. 1923.

Latin diagnosis; *S.lamiiflora*, *S.oblongata*.

Wedensky, A. I.

Allii species novae turkestanicae. Trans. Sci. Soc. Turkestan. 1: 123-126. 1923.

Latin diagnosis (*A.corbiculatum*, *A.popovii*, *A. kujukense*, *A.drobovii*)

Blagoveshchensky, A.V.

[Vegetable protease] Trans. Sci. Soc. Turkestan. 1: 127-133. 1923.

Russian.

Trans. Sci.Soc.Turkestan(cont.)

Blagovesichersky, A.V.

The botanical experiment station in western Fian-shan mountains in summer 1922. Trans. Sci. Soc. Turkestan. 1: 134-141. 1923.

Russian with English summary.

Alexiev, A.I.

A diurnal march of assimilation for various groups of mountain plants. Trans. Sci. Soc. Turkestan. 1: 145-162. 4 diagsr. 1923.

Russian with English summary.

Leonov, N. D.

On the changes of the stomatic apertures in mountainous plants. Trans. Sci. Soc. Turkestan. 1: 163-174. 1 diagr. 1923.

Russian with English summary.

U.S. Dept. Agr. Bull.

Hofmann, J. V.

Natural regeneration of Douglas fir in the Pacific northwest. U.S. Dept. Agr. Bull. 1200. pl. i-xx. Ap. 1924.

Bibliography: p. 60-62.

Vie Agr. et Rur.

Crochetelle, J.

Influence des engrais sur la germination. Vie Agr. et Rur. 24: 230-231. Ap.12, 1924. no.15.

Ouvrages à consulter: p. 231.

Vlugschr. Deli Proefstat. Medan.

Palm, B. T. & Jochems, S.C.J.

Invloed van peteh tjina (*Leucaena glauca*) op de stengolverbranding van tabak. Vlugschr. Deli Proefst. Medan. no.24. 4 p. Mr. 1924.

Yearbk. Public Mus. Milwaukee.

Smith, H. H.

Botanical collecting in southwestern Wisconsin. Yearbk. Public Mus. Milwaukee. 2(1922): 113-133. illus. 1923.

Zeitschr. Bot.

Brauner, Leo.

Permeabilität und phototropismus. Zeitschr. Bot. 16: 113-132. illus. 1924. no.3.

Literatur: p. 132.

Zeitschr. Pflanzenzucht.

Becker, Josef.

Ueber vegetative bastardspaltung (cont.) Zeitschr. Pflanzenzucht. 9: 189-215. Ap. 1924. no.3.

Exper. Stat. Publ.

Manns, T.F. & Adams, J.F.

[Report of the] department of plant pathology and soil bacteriology. 1922/23. In Ann. Rep. Delaware Agr.Exp.Stat. 1922/23. Its Bull.135. p. 25-48. Ja.1924.

Exper. Stat. Publ. (cont.)

Stokdyk, E.A. & Melchers, L.E.
Potato disease control in Kansas. Kansas
Agr. Exp. Stat. Bull. 231. 45 p. illus. Mr. 1924.

Thompson, G.E.
The sorghums in Arizona. Arizona Agr. Exp.
Stat. Bull. 98. p.47-66. illus. D. 1923 (Rec'd Ap.
1924)
Common diseases of sorghums: p. 66.

State Publications.

Burr, W. W.
Weeds in Nebraska. Ann. Rep. Nebraska State
Bd. Agr. 1923. p.526-533. illus.

New Books.

Benary, Ernst.
Die anzucht der pflanzen aus samen im gartenbau.
Ein handbuch für gartenfreunde, gärtner und samen-
händler. 3d ed. Berlin, 1923.

Benecke, Wilhelm & Jost, Ludwig.
Pflanzenphysiology. 4. umgearb. aufl. von Jost,
Vorlesungen über pflanzenphysiologie. 2 v. Jena,
1924.

Berry J.B.
Northern woodlot trees. Yonkers, World book
company, 1924 (New-world agriculture series)

Bonnier, Gaston.
Flore complète illustrée en couleurs de France.
... Suisse et Belgique. v.7, fasc.66, pl. 391-396.
[1924?]

Bose, J. C.
The physiology of photosynthesis. London,
Longmans, 1924.

Davidson, Anstruther & Moxley, G.L.
Flora of Southern California. Los Angeles,
Times-Mirror press, 1923.

Ernst, Adolf.
Estudios sobre las deformaciones, enfermedades
y enemigos del árbol de cafe en Venezuela. Bol.
Cam. Com. Caracas. 120. 31 p. N. 1923.

Keller, Boris.
Die pflanzenwelt der Russischen steppen, halb-
wuusten und wüsten. Oekologische und phytosocio-
logische studien. Lfg. 1. 1923 (Trudy Gosud-
arst. Solonst.-Melior. Inst. t.1)
Russian with German index and resumé.

North American flora v.25, Pt.5. Polygalaceae
(concl.) S.F. Blake; Dichapetalaceae, H.
A. Gleason. Mr.20,1924.

Norton, J.B.S.
Seven thousand dahlias in cultivation.
College Park, Md., 1924.

New Books (cont.)

Picharn, P. V.

List of common trees, shrubs, etc. in Siam.
278 p. Bangkok, 1923.

Rodrigues de Silveira, Fernando.

Da chromatogenia vegetale e sua significação
biologica. Rio de Janeiro, 1923.

Ström. K. M.

The alga-flora of the Sarek Mountains.
Naturwissenschaftl. Untersuch. Sarekgeb. Schwedisch-
Lappland. v.3, lfg.5, pt.1. p. 437-521. pl.12-
16. 1923.

Errata.

In list 133, change entries under Bol. Acad. Nac.
Science. Cordoba to read Spegazzini, Carlos.



lc
Addisonia

- Addisonia. v.9, no.1. Mr.1924.
Chrysanthemum "Joan Edwards" p.1-2. col. pl.289.
Chrysanthemum "White Doty" p.3-4. col. pl.290.
Chrysanthemum "Rena" p.5-6. col. pl.291.
Chrysanthemum "Kalifornia" p.7-8. col.pl. 292.
Chrysanthemum "Nellie Blake" p. 9. col.pl.293.
Chrysanthemum "Cranfordia" p. 11-12. col. pl.294.
Chrysanthemum "Christmas Gold" p.13-14. col. pl.295.
Chrysanthemum "Emma" p.15 col.pl.296.

Agron. Colon.

- Sornay, P. de
Les curcurbitacées tropicales (Telfairea pedata
Hook.) (Citrouille à huile) Agron. Colon. 10: 78-
84. illus. Mr.1924. no.75.
Cotyledons eaten by natives of west Africa,
under name "chataignes d'inhambane"; seeds yield
edible oil.

Amer. Bee Journ.

- Trelease, Wm.
The pollination of plants. Amer. Bee Journ.
44: 224-225. My.1924. no.5.

Amer. Fern Journ.

- Benedict, R. C.
Notes on the spring growth of Azolla. Amer.
Fern Journ. 14: 23-24. Ja.-Mr.1924. no.1.

Benedict, J.E.
An occurrence of the southern maiden-hair in
Maryland. Amer. Fern Journ. 14: 21-22. illus.
Ja.-Mr.1924. no.1.

Floyd, F. G.
Proliferation of Asplenium platyneuron (L.)
Oakes. Amer. Fern Journ. 14: 13-17. Ja.-Mr.1924.
no.1.

Amer. Fruit Grow. Mag.

- Magness, J. R.
The inside story of the apple. IV. The setting
of the fruit. Amer. Fruit Grow. Mag. v.44, no.5,
p.5. My.1924.

Sax, Karl

- Effect of root stocks on growth of apple tree.
Amer. Fruit Grow. Mag. v.44, no.5, p. 7,21. illus.
My.1924.

Ann. Agr. Suisse

- Faës, Henry and Staehelin, M.
La maladie cryptogamique des abricotiers en
Valais (Stromatinia, Sclerotinia, Monilia laxa
Ehrenberg) Ann. Agr. Suisse. 25: 117-139. illus.
1924. no.1.
Bibliographie: p. 139.

Ann. Appl. Biol.

Berridge, Emily M.

The influence of hydrogen-ion concentration on the growth of certain bacterial plant parasites and saprophytes. Ann. Appl. Biol. 11: 73-85. Ap.1924. no.1.

Literature: p. 85.

Brenchley, Winifred E.

The effect of iodine on soils and plants. Ann. Appl. Biol. 11: 86-111. Ap.1924. no.1.

References: p. 111.

Whitehead, T.

Potato leaf-roll and degeneration in yield. Ann. Appl. Biol. 11: 31-41. Ap.1924. no.1.

Literature: p. 41.

Woffenden, L. M. and Priestley, J.H.

The toxic action of coal gas upon plants. II. The effect of coal gas upon cork and lenticel formation. Ann. Appl. Biol. 11: 42-53. Ap.1924. no.1.

References: p. 53.

Arch. Protistenk.

Fringsheim, E. G.

Beiträge zur kenntnis der festigungseinrichtungen bei Chorda filum. Arch. Protistenk. 47: 308-317. illus. Mr.1924. no.2.

Literaturverzeichnis: p. 317.

Biochem. Zeitschr.

Butkewitsch, Wl

Ueber die umwandlung der chinasäure die pilze. Biochem. Zeitschr. 145: 442-460. Mr.1924. no.5/6.

Iljin, W. S.

Ueber den abbau der stärke durch salze. Biochem. Zeitschr. 145: 14-17. F.1924. no.1/2.

Sabalitschka, Th. & Riesenberg, H.

Ueber die ernährung von pflanzen mit aldehyden IV. Verhalten und nachweis von formaldehyd in pflanzen und pflanzensubstanz. Biochem. Zeitschr. 145: 373-378. Mr.1924. no.3/4.

Bol. Soc. Cien. Nat. Bogota

Apolinar Maria, Hernano

Eucaliptus globulus. Bol. Soc.Cien. Nat. Bogota 12: 376-380. O.-N.1923. no.73.

Boll. Assoc. Ital. Piante Med.

Ferri, Giovanni

Agarico bianco o poliporo officinale. (Polyporus (Fomes) officinalis, Fries) Boll. Assoc. Ital Piante Med. 7: 70-71. Ap.1924. no.4.

Bot. Arch.

Falck, Richard

Alfred Moeller. Bot. Arch. 6:1-7. Ap. 1924. no.1-3.

Bot. Arch. (cont.)

Fuchs, A. & Ziegenspeck, H.

Aus der monographie des Orchis traunsteineri Saut V. Die pilzverdauung der orchideen.
Bot. Arch. 6: 193-206: illus. Ap.1924. no.1-3.

Gaidukov, N.

Zur oekologie der süßwasseralgen. Bot.
Arch. 6: 112-123. Ap.1924. no.1-3.

Geith, Karl

Experimentell-systematische untersuchungen
an der gattung Epilobium L. Bot. Arch. 6: 123-186.
illus. Ap.1924. no.1-3.
Literatur: p. 185-186.

Geitler, Lothar

Gymnodinium amphidinioides, eine neue blaugrüne
peridinee. Bot. Arch. 6: 110-111. illus. Ap.1924.
no.1-3.

Metzler, Wilhelm

Beiträge zur vergleichenden anatomie blatt-
sukkulenter pflanzen. Bot. Arch. 6: 59-83. illus.
Ap.1924. no.1-3.
Literaturnachweis: p. 81-83.

Mez, Carl

Additamenta monographica 1924. Bot. Arch.
6: 230-232. Ap.1924. no.1-3.

Pfeiffer, Jams

Der formenkreis der Scirpus capillaris L. Bot.
Arch. 6: 186-193. Ap.1924. no.1-3.
Index atque nomenclator: p. 192-193.

Schwieker, Friedrich

Untersuchungen über die postflorationsbewegungen
einiger geraniaceen. Bot. Arch. 6: 206-230. illus.
Ap.1924. no.1-3.
Literatur: p. 229-230.

Steffen, H.

Versuch einer gliederung der arktischen flora in
geographische bzw. genetische florenelemente. Bot.
Arch. 6: 7-49. Ap. 1924. no.1-3.
Literatur: p. 48-49.

Waldendorff, M. G.

Ueber kultur von pollenschläuchen und pilzmy-
celien auf festem substrat bei verschiedener luft-
feuchtigkeit. Bot. Arch. 6: 84-110. illus.
Ap.1924. no.1-3.
Literatur-verweise: p. 109-110.

Bryologist

Britton, E. G.

Syrrhopodon parasiticus (Schwgr.) Besch. Bryolo-
gist. 27: 34-35. Mr.1924. no.2.

Brown, M. S.

Hepatics in Georgia. Bryologist 27: 31-34.
Mr.1924. no.2.

Bryologist (cont.)

Merrill, G. K.

Some new species of American cladoniae. With an enumeration and description of some hitherto unrecognized varieties and forms of the older species. Bryologist 27: 21-26. Mr.1924. no.2.

Wolfe, K. A.

A list of Nebraska mosses. Bryologist 27: 26-31. Mr.1924. no.2.

Bull. Appl. Bot. & Plant Breed (Russian)

Baroulina, E.

Essay on a systematic botanical study of the characters (jordanons) within the limits of one group of the soft wheats. Bull. Appl. Bot. & Plant Breed. 13: 259-367. illus., pl. 1923. no.1. Russian with English summary (p. 351-357)

Flaksberger, Konstantin

Aegilops triuncialis L. var. nigriaristata. Bull. Appl. Bot. & Plant Breed. 13: 483-484. 1923.

Ivanov, L. A.

The present state of the question of drought resistance. Bull. Appl. Bot. & Plant Breed. 13: 3-32. 1923. no.1. Russian with English summary (p.31-32)

Jakushkin, I. V.

Wheats of the Crimea. Bull. Appl. Bot. & Plant Breed. 13: 71-147. 1923. no.1. Russian with English summary (p.145-147)

Nakolaeva, A. G.

Etude cytologique du genre Triticum Bull. Appl. Bot. & Plant Breed. 13: 33-43. illus. 1923. no.1. Literature: p. 41-42 Russian with French resumé (p.42)

Orlov, A. A.

The geographical centre of origin and the area of cultivation of durum wheat, *Tr. durum* Desf. Bull. Appl. Bot. & Plant Breed. 13: 369-459. 1923. no.1. Russian with English resumé (p.446-453) Literature: p. 454-459.

Popova, G.

Wild species of Aegilops and their mass-hybridisation with wheat in Turkestan. Bull. Appl. Bot. & Plant Breed. 13: 461-482. pl. 1923. no.1. Russian with English summary (p.475-482)

Vavilov, N. I.

A contribution to the classification of soft wheats -- *Triticum vulgare* Vill. Essays on systematics and geography of cereals. Bull. Appl. Bot. & Plant Breed. 13: 149-257. 1923. no.1. Russian with English abstract (p.215-257)

Wysotsky, G.

On monopodial-stoloniferous grasses. Bull. Appl. Bot. & Plant Breed. v.13, no.3, p.21-24. illus. 1923.

Bull. Appl. Bot. & Plant Breed. (cont.)

Zhukovsky, P.

"Persian wheat" *Triticum persicum* Vav. in Transcaucasia Bull. Appl. Bot. & Plant Breed. 13: 45-55 illus., 2 pl. (1 col.) 1923. no.1.
Russian with English resumé (p.54-55)

Zinserling, G. D.

An essay on cultivated plants and their weeds in the prov. Arkhangel and Vologda. Bull. Appl. Bot. & Plant Breed. v.13, no.3, p.15-42. 1923.

Bull. Bur. For. Philipp. Isl.

Philippine Isl.--Bur. of forestry.

A dictionary of names applied to trees of the first, second and third groups. Its Bull. no.23 40 p. 1923.

Vernacular names

Bull. Jard. Bot. Buitenzorg

Contributions a l'etude de la flora des Indes Néerlandaises II. The Combretaceae of the Dutch East Indies III. The Stylidiaceae of the Dutch East Indies. By D. F. van Slooten. Bull. Jard. Bot. Buitenz. III, 6: 11-62, 65-67, illus. no.1. Ja.1924.

Höhnel, Franz von

Beitrag zur mikromyzetenflora von Java. Bull. Jard. Bot. Buitenz. III, 6: 1-3. Ja.1924. no.1.

Schwarz, Marie B.

Botrytis stephanoderis n. sp. Bally und *Botrytis bassiana* Bals. Bull. Jard. Bot. Buitenz. III, 6: 68-69. Ja.1924. no.1.

Botrytis stephanoderis same as *B. bassiana*.

Smith, J. J.

Tafeln javanischer orchideen II. Bull. Jard. Bot. Buitenz. III. 6: 9-10. pl.1-25. Ja.1924. no.1.

Ultée, A. J.

Ueber *Fagraea*-Wachs. Bull. Jard. Bot. Buitenz. III, 6: 70-72. Ja.1924. no.1.

Bull. Misc. Inform. Kew

Craib, W. G.

Contributions to the flora of Siam. Additamentum XIV. Bull. Misc. Inform. Kew 1924, no.3, p.81-98.

Marquand, C. V. B.

An undescribed variety of *Tilia henryana*. Bull. Misc. Inform. Kew 1924, p.112.

Tilia henryana var. *carlesii*.

Riley, L. A. M.

The Mexican and Central American species of *Ouratea*. Bull. Misc. Inform. Kew. 1924, p. 101-111. no.3.

Stoianoff, N. & Stefanoff, B.

Scabiosa rhodopensis. Bull. Misc. Inform. Kew. 1924, p. 98-101. illus. no.3.

Bull. Soc. Neuch. Sci. Nat.

Mayor, Eugène

Etude expérimentale d'urédinées hétéroïques.

Bull. Soc. Neuch. Sci. Nat. 47: 67-78. 1923.

I. *Hyalopsora polypodii-dryopteridis* (Moug. et Nestl.) II. *Puccinia* du type de *coronata* Corda s. lat. sur *Sesleria coerulea*.

Canad. Field Nat.

Mousley, Henry

Further notes on the orchids of Hatley, Stansfead County, Quebec, 1923. (concl.)

Canad. Field Nat. 38: 86-88. no.6. My.1924.

Circ. Hort. Br. Dept. Agr. Brit. Columbia.

Eastham, J. W.

Fire-blight (*Bacillus amylovorus*). Circ. Hort. Br. Dept. Agr. Brit. Columbia. 66. 8 p. illus. [1924?]

Compt. Rend. Acad. Sci. Paris.

Aversenq, Delas, Jaloustre et Maurin

Action du thorium X sur la maturation des oeufs, la germination des graines, et l'accroissement des plantes. Compt. Rend. Acad. Sci. Paris 178: 1491-1492. Ap.28,1924. no.18.

Bigourdan, Guillaume

J. E. B. Warming. Compt. Rend. Acad. Sci. Paris, 178: 1441-1442. Ap.28,1924. no.18.

Mayer, André and Plantefol, L.

Equilibre des constituants cellulaires et intensité des oxydations de la cellule. Imbibition et oxydation. Cas des plantes reviviscentes. Compt. Rend. Acad. Sci. Paris. 178: 1385-1388. Ap.14, 1924. no.16.

Vuillemin, Paul

Bifurcation des feuilles par cohérence. Compt. Rend. Acad. Sci. Paris. 178: 1452-1455. Ap.28, 1924. no.18.

Compt. Rend. Soc. Biol. Paris.

Florentin, P. and Lienhart, R.

Présence aux environs de Nancy, de *Sisyrinchium bermudiana* Linné (iridée) Compt. Rend. Soc. Biol. Paris 90: 1057-1058. Ap.18,1924. no.14.

Guinier, Philibert

Observations a propos de la découverte du *Sisyrinchium bermudiana* L. aux environs de Nancy. Compt. Rend. Soc. Biol. Paris 90: 1059-1060. Ap.18, 1924. no.14.

Rebello, Silvio

Action des glandes a sécrétion interne et de leurs extraits sur le développement des plants. Compt. Rend. Soc. Biol. Paris. 90: 1095-1097. illus. Ap.18,1924. no.14.

Congr. Intern. Agr. Paris.

Epalza, Tomas de

La maladie de l'encre. Défense et reconstitution des chataigneraies attaquées. Congr. Intern. Agr. Paris XI, 1923. 2: 348-351. 1923.

Foex, Etienne

Obtention de sortes de blés résistant aux rouilles. Congr. Intern. Agr. Paris. XI, 1923. 1: 91-96. 1923.

Gonzalez, Ezequiel & Ugarte, Jesus

Nécessité d'une étude méthodique de la géobotanique forestière (Phytogéographie forestière) Congr. Intern. Agr. Paris. XI, 1923. 2: 311-315. 1923.

Lafosse, H.

Les maladies des arbres. Congr. Intern. Agr. Paris XI, 1923. 2: 306-311. 1923.

Munerati, Ottavio

Contribution à l'étude de la constitution génétique de la betterave à sucre actuelle. Congr. Intern. Agr. Paris XI, 1923. 2: 72-78, 1923.

Quanjer, H. M.

Le dépaysement de la pomme de terre et le puceron. Congr. Intern. Agr. Paris. XI, 1923. 2: 88-93. 1923.

Country Life London

Praeger, R. L.

In the Swiss national park. Country Life 55: 702-704. illus. My.3,1924. no.1426.

Ernähr. Pflanz.

Hiltner, Erhard

Dr. Oscar Loew zu seinem 80 geburtstage. Ernähr. Pflanz. 20: 57-58. port. Ap.15,1924. no.8.

Facts about Sugar

Bessey, E. A.

Weeds of the Michigan sugar beet area. Characteristics, distribution and control of some of the more important species. Facts about Sugar 18: 419-420. no.18. My.3,1924.

Cross, W. E.

The problem of sugar cane fields in Louisiana. Some suggestions from Argentine experience - mosaic disease as a factor in decreasing productivity. Facts about sugar 18: 442-443. My.10.1924. no.19.

Floralia

Schenk, P. J.

Abnormale tulpen. Floralia 45: 265-266. illus. Ap.25,1924. no.17.

Florida Grow.

Stevens, H.E.

The economic spraying of the citrus grove.

Florida Grow. v.29, no.18, p.5-6. illus. My.3, 1924.

Flor. Exchange

Connors, C. H.

The control of color in Hydrangea. Flor.

Exch. 57: 1563-1564. My.17,1924. no.20.

Doran, Wm.

Damping-off of seedlings and cutting. What can be done about it. Flor. Exch. 57: 1449, 1480-1481. My.10,1924. no.19.

A plant quarantine code of ethics. Flor.Exch. 57: 1447. My.10,1924. no.19.

Seymour, E.L.D.

Plant quarantine officials in important conference. Flor Exch. 57: 1400-1401. My.3,1924. no.18.

Conference at Washington, D.C., Ap.29,1924.

Forstwissensch. Centralbl.

Münch, Ernst

Verhalten der nachkommen fremder diefernrassen in zweiter generation. (concl.) Forstwissensch. Centralbl. 46: 125-137. illus. Ap.1924. no.4. Literatur: p. 137.

Fruit World. Australasia.

Flesh collapse in apples. Valuable cold storage experiments at Nelson, New Zealand, conducted by the Cawthron institute. Fruit World Australasia. 25: 175. Ap.1924. no.4.

Garden

Dykes, W. R.

Some early-flowering bulbs. Garden 88: 257-258. illus. Ap.19,1924. no.2735.

Praeger, Lloyd.

The best hardy stonecrops. Garden 88: 260-262. illus. Ap.19,1924. no.2735.

T., G. C.

The gooseberry mildew. Garden. 88: 280-281. illus. Ap.26,1924. no.2736.

Gard. Chron.

C., J.

Clivia kewensis. (C. miniata x C. miniata var. citrina) Gard. Chron. III, 75: 221. illus. Ap.19,1924. no.1947.

Correvoon, Henry

Some rare Campanulas. Gard. Chron.III, 75: 241. illus. Ap.26,1924. no.1948.

Keeble, Frederick.

The plant commonwealth and its mode of government. Gard. Chron. III, 75: 233. Ap.26,1924. no.1948.

Muskett, A. E.

Apple scab in the north of Ireland. Gard.Chron. III, 75: 243. Ap.26,1924. no.1948.

Gard. Chron. (cont.)

Robertson-Proschowsky, A.
Palms of the Riviera (cont.) Gard. Chron.
III, 75: 242. Ap.26, 1924. no. 1948.

Ward, F. K.
Rhododendrons. (cont.) Gard. Chron. III,
75: 240. Ap. 25, 1924. no. 1948.

Gard. Illus.

Hatton, C.O.S.
Some notes on eucalypti. Gard. Illus. 46:
234-235, 253, illus. Ap. 19, 26, 1924. nos. 2354, 2355.

Gartn.-Tid.

Gram, Ernst
Mosaiksyge i drivhusene. (cont.) Gartn.-Tid.
40: 209-213. illus. Ap.22, 1924. no. 17.
Litteratur: p. 213.

Hojas Divulg. Serv. Publ. Agr. Dir. Gen. Agr. y Montes. Spain

Garcia y López, Angel
La apoplejia de la vid. Hojas Divulg. Serv.
Publ. Agr. Dir. Gen. Agr. y Montes. Spain. v. 18,
no.3, p. 1-3. F. 1924.

Intern. Rev. Sci. & Pract. Agr.

Munerati, Ottavio
The subdivision of individuals in genetic
research. Intern. Rev. Sci. & Pract. Agr. n. s.,
2: 22-25. pl. iii-v. Ja.-Mr.1924. no.1.

Werneck, H.L.

Phenology and the possibilities of its applica-
tion to agriculture. Intern. Rev. Sci. & Pract.
Agr. n. s., 2: 13-21. Ja.-Mr. 1924. no. 1.

Journ. Agr. Prat.

Noffray, E.
Rouille blanche des crucifères. Journ. Agr.
Prat. 41: 343-344. Ap. 26, 1924. no. 17.
Cystopus candidus attacking wild and cultivated
plants, particularly *Capsella bursa pastoris*.

Journ. Agr. Res.

Griffiths, M.A.
Experiments with flag smut of wheat and the
causal fungus, *Urocystis tritici* Keke. Journ.
Agr. Res. 27: 425-450. pl. 1-3. F.16, 1924. no. 7.
(Rec'd. My.)
Literature cited: pp. 448-449.

Kearney, T.H.

Inheritance of petal spot in Pima cotton.
Journ. Agr. Res. 27: 491-512. pl. 1. F. 16, 1924.
(Rec'd. My.) no. 7.

McHargue, J.S.

The association of manganese with vitamins.
Journ. Agr. Res. 27: 417-424. pl. 1. F. 9, 1924.
(Rec'd. My.) no. 6.
Literature cited: p. 424.

Journ. Agr. Res. (cont.)

Noble, R. J.

Studies on the parasitism of *Urocystis tritici* Koern., the organism causing flag smut of wheat, Journ. Agr. Res. 27: 451-490. illus., pl. 1-3. F. 16, 1924. (Rec'd My.) no. 7.
Literature cited: p. 486-489.

Journ. Amer. Soc. Agron.

Arny, A. C.

Winter hardiness of medium red clover strains, Journ. Amer. Soc. Agron. 16: 268-278. no. 4. Ap. 1924.
Literature cited: p. 278.

Barney, A. F.

The inheritance of smut resistance in crosses of certain varieties of oats. Journ. Amer. Soc. Agron. 16: 283-291. plates. Ap. 1924. no. 4.
Literature cited: p. 291.

Locke, L. F. & Clark, J. A. .

Development of wheat plants from seminal roots, Journ. Amer. Soc. Agron. 16: 261-268. illus. Ap. 1924. no. 4.

Journ. Arnold Arb.

Nakai, Takenoshin

Raphiolepidis et Eriobotryae species sino-japonicae. Journ. Arn. Arb. 5: 61-72. Ap. 1924. no. 2.

Nakai, Takenoshin

Some new and noteworthy ligneous plants of eastern Asia. Journ. Arn. Arb. 5: 72-83. Ap. 1924. no. 2.

Palmer, E. J.

The ligneous flora of Rich Mountain, Arkansas and Oklahoma. Journ. Arn. Arb. 5: 108-134. Ap. 1924. no. 2.

Rehder, Alfred

Forsythia viridissima var. *koreana*. Journ. Arn. Arb. 5: 134-135. Ap. 1924. no. 2.

Wilson, E. H.

The rhododendrons of Hupeh. Journ. Arn. Arb. 5: 84-107. Ap. 1924. no. 2.

Journ. Bd. Agr. Brit. Guiana

Harrison, J. B.

John Frederick Waby. Journ. Bd. Agr. Brit. Guiana. 17: 26-27. Jan. 1924. no. 1.

Percival, Exley

Wild flowers of Georgetown: a study in field botany for tyros. (concl.) Journ. Bd. Agr. Brit. Guiana 17: 39-54. Jan. 1924. no. 1.

Journ. Landw.

Fischer, Walther

Variabilitätsstudien beim wiesenschwingel. Ein beiträg zur gräserzüchtung. Journ. Landw. 71: 121-180. F. 1924. no. 3/4.

Journ. So.African Chem. Inst.

Green, H. H. & Kamerman, P.

The protein phytotoxins, with special reference to the new "modeccin." Journ. So.African Chem. Inst. 7: 3-5. Ja. 1924. no. 1.

Six members of the group: Ricin from *Ricinus communis*, abrin from *Abrus precatorius*, crotin from *Croton tiglium*, robin from *Robinia pseudacacia*, modeccin from *Adenia (Modecca) digitata*.

Moir, James.

Preliminary note on the African poison acocantherine. Journ. So. African Chem. Inst. 7: 28-33. Ja. 1924. no.1.

From species of *Acocanthera*.

Journ. Wash. Acad. Sci.

Maxon, W. R.

Further notes on *Hispaniola* ferns. Journ. Wash. Acad. Sci. 14: 195-199. My. 4, 1924. no. 9.

Danaea urbani, *Hypolepis tenerrima*, *Pteris hispaniolica*, sp.nov.

Landw. Versuchsst.

Ehrenberg, Paul.

Zum gedächtnis von Theodor Pfeiffer. Landw. Versuchsst. 102: 36-42. Mr. 1924. no. 1/2.

Malayan Agr. Journ.

Georgi, C. D. V.

Illipe nuts and Borneo tallow, Malayan Agr. Journ. 12: 77-82. Mr. 1924. no.3.

Sands, W. N.

Mistletoes attacking cultivated trees in Malaya. Malayan Agr. Journ. 12: 64-76. pl. i-iii. Mr. 1924. no.3.

Literature cited: p. 75.

Medd. Centralanst. Försöksv. Jordbr. Sveden.

Arrhenius, Olaf.

Försök till bekämpande an betrotbrand II. Kalkningens och markreaktionens inflytande på sjuka och friska betors utveckling. Medd. Centralanst. Försök. Jordbr. Sveden. no. 260. 15 p. col.pl. 1924.

English summary: p. 13-14.

Litteraturförteckning: p. 15.

Lindfors, Thore.

Bidrag till kännedomen om klumprotsjukans bekämpande. Medd. Centralanst. Försöksv. Jordbr. Sveden. 262. 24 p. illus. 1924.

Citerad litteratur: p. 24.

German resumé: p. 22-23.

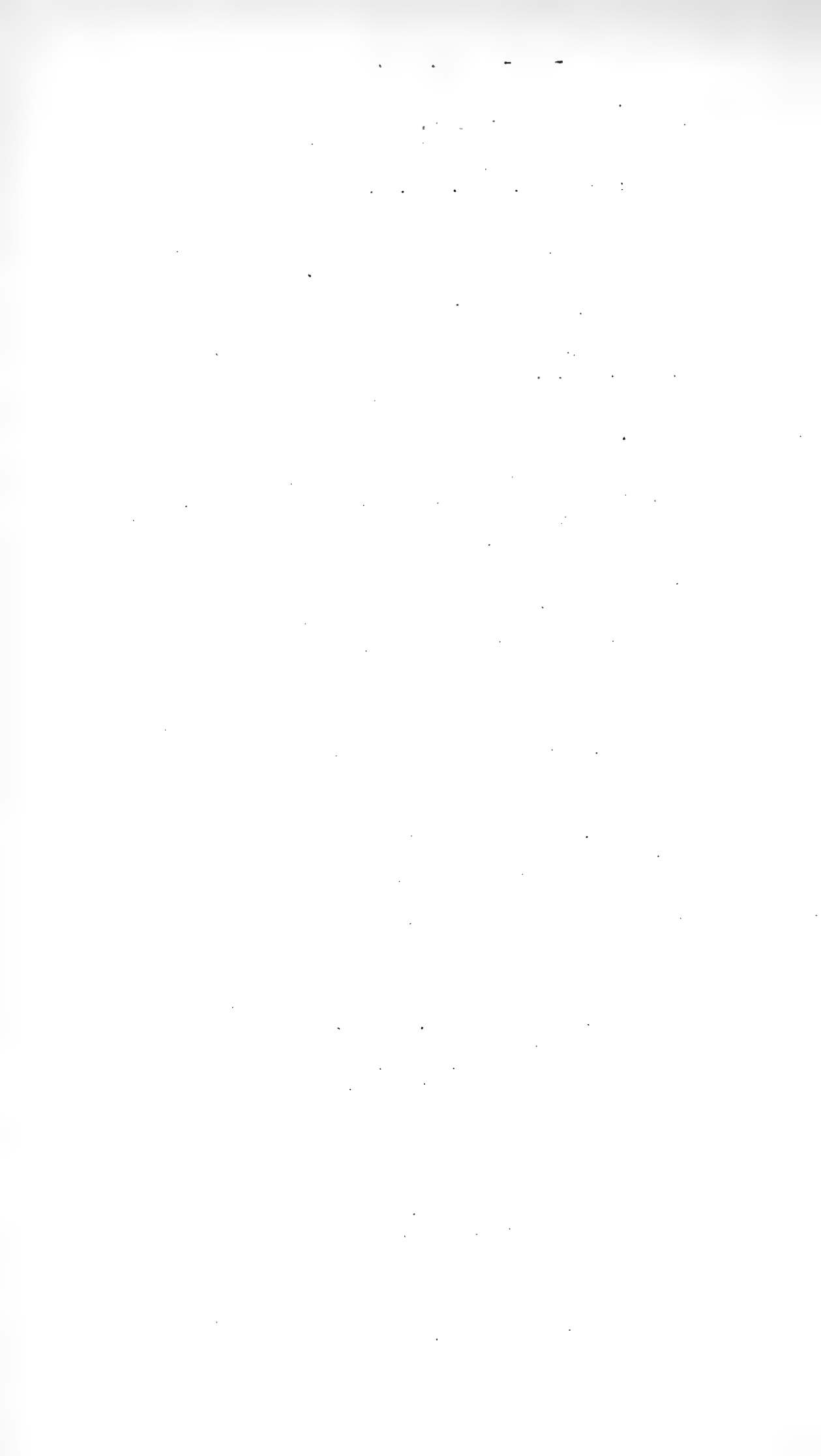
Mem. Dept. Agr. India, Bot.Ser.

Howard, Mrs. Gabrielle Louis Caroline (Matthaei)

Studies in Indian oil seeds no.2. Linseed. Mem. Dept. Agr. India, Bot.Ser. 12: 135-183.

pl. i-iii (part.col.) Ja. 1924.

Abdur Rahman Khan, joint author.



Mem. Dept. Agr. India, Bot.Ser. (cont.)

Patel, M. L.

Studies in Gujarat cottons. II. Mem.
Dept. Agr. India, Bot. Ser. 12: 185-262. pl.i-
iii. Mr. 1924. no.5.

Nachrichtenbl. Deut. Pflanzenschutzd.

Köhler, Erich.

Ueber die hauptsächlichsten fehlerquellen, die
bei der prüfung von kartoffelsorten auf krebs-
festigkeit zu berücksichtigen sind. Nachrich-
tenbl. Deut, Pflanzenschutzd. 4: 8-9. F. 1924.
no. 2.

Nat. Belge.

Correvon, Henry.

Les campanules alpines et saxatiles. (concl.)
Nat Belge. 5: 71-74. My. 1924. no.5.

Nature.

H , R. T.

Prof. H. Hitchcock. Nature. 113: 615-616.
Ap.26, 1924. no, 2843.

J , B. D.

Prof. Carl F. O. Nordstedt. Nature. 113: 576.
Ap.19, 1924. no. 2842.

Parkin, John.

The "bleeding" of cut trees in spring. Nature.
113: 604-605. Apr. 26, 1924. no.2843.

Naturwissenschaften.

Weber, Friedl.

Theorie der meristembildung. Naturwissenschaften.
12: 289-296. Ap. 18, 1924. no.16.
Literatur: p.296.

New Phytol.

Allen, I. M.

The cytology of *Matthiola incana* with reference to
the genetics of certain cultivated varieties. New
Phytol. 23: 103-112. illus. Ap. 1924. no.2.
Literature: p. 112.

Smith, J. H.

On the early growth rate of the individual fungus
Hypha. New Phytol. 23: 65-78. Ap. 1924. no.2.
References: p.78.

Summers, F.

The factors governing bud formation: a chapter
of plant physiology (cont.) New Phytol. 23: 78-
102. Ap. 1924. no.2.
Literature cited: p. 101-102.

New Zeal. Journ. Sci. & Techn.

Allan, H. H.

On the hybridity of *Coprosma cunninghamii* Hook.F.
New Zeal. Journ. Sci. & Techn. 6: 310-318. illus.
Mr. 1924. no.5/6.
References: p. 316, 318.

Nord. Jordbrugsforskn.

Ferdinandsen, Carl.

Bacterium maculicolum McCulloch paa europaeisk grund. Nord. Jordbrugsforskn. 1923, no.5/8. p.467-474.

Bacterium maculicolum on various cruciferous plants.

Ferdinandsen, Carl.

Biologiske undersøgelser over tidselrust (*Puccinia suaveolens* (Pers.) Rostr.) Nord. Jordbrugsforskn. 1923, no.5/8. p.475-487. pl.i-iv.

English summary: Biological researches in thistle rust: p. 485-487.

Lindfors, Th.

Några bidrag till belysande av fusarieproblemet. Nord. Jordbrugsforskn. 1923, no.5/8. p.451-452.

Tullgren, H.A., Schøyen, T.H., Ferdinandsen, C. & Liro, J.I.

Den inre kontrollen över växtsjukdomar och skadeinsekter inom respektive länder. Nord. Jordbrugsforskn. 1923, no.5/8. p.437-445.

Notizbl. Bot. Gart. Berl.

Fries, R. E. & Fries, T.C.E.

Beitrage zur Kenntniss der flora des Kenia, Mt. Aberdare und Mt. Elgon IV Notizbl. Bot. Gart. Berlin. 8: 661-704. F. 1924. no.80.

Fries, R. E. & Fries, T. C. E.

Die gattung *Cliffortia* im tropischen Afrika. Notizbl. Bot. Gart. Berlin. 8: 647-650. N. 1923. no. 79.

Cliffortia aequatorialis, n.sp.

Fries, T. C. E.

Ueber *Stachys aculeolata* Hook. f. und verwandte formen der afrikanischen hochgebirge. Notizbl. Bot. Gart. Berlin. 8: 625-646. illus. N. 1923. no. 79.

Gustav Lindau. Notizbl. Bot. Gart. Berlin. 8: 722. F. 1924. no.79.

died Oct. 10, 1923.

Harms, Hermann.

Eine neue *Erythrina* aus Kamerun. Notizbl. Bot. Gart. Berlin. 8: 720-721. F. 1924. no.80. *Erythrina hylobia*, n.sp.

Harms, Hermann.

Ueber die gattung *Jussiaea* Merrill. Notizbl. Bot. Gart. Berlin. 8: 717-719. F. 1924. no.80.

Harms, Hermann.

Ueber *Melothria pallidinervis* Zimmermann. Notizbl. Bot. Gart. Berlin. 8: 614-616. N. 1923. no. 79.

Notizbl. Bot. Gart. Berl. (cont.)

Melchior, H.

Beiträge zur Kenntnis der Violaceae. I-II.

Notizbl. Bot. Gart. Berlin. 8: 617-724. N. 1923;

8: 651-656. F. 1924. no. 79, 80.

I. Revision der Gattung *Gloeospermum* Trian. et
Planch. II. Die Gattung *Allexis* Pierre.

Melchior, H.

Ein Vertreter der Theaceae im tropischen Afrika.

Notizbl. Bot. Gart. Berlin. 8: 657-660. F. 1924.
no. 80.

Ternstroemia africana, sp. n.

Mildbraed, Johannes.

Ganophyllum africanum Mildbr. Notizbl. Bot.

Gart. Berlin. 8: 708-710. N. 1923. no. 80.

Mildbraed, Johannes.

Die Gattung *Otenolophon* in Westafrika. Notizbl.

Bot. Gart. Berlin. 8: 705-707. F. 1924. no. 80.

Otenolophon englerianus, n. spec.

Pilger, Robert.

Plantae luetzelburgianae brasilienses III.

Notizbl. Bot. Gart. Berlin. 8: 711-716. F. 1924.

no. 80.

Reiche, Karl.

Die Ausscheidung von Gummischleim durch flach-
prossige Opuntien in Mexiko. Notizbl. Bot. Gart.

Berlin. 8: 601-613. illus. N. 1923. no. 79.

Chemische Untersuchung des Opuntia-schleims, von
F. Heynen: p. 612-613.

Pflügers Arch. Ges. Phys.

Biedermann, W.

Ueber Wesen und Bedeutung der protoplasmali-
poide. Pflügers Arch. Ges. Phys. 202: 223-253.

F. 1924. no. 3/4.

Pharm. Journ.

Adan, J. W.

'Bockstalling' for botanists. I- Pharm. Journ.
112: 417. Ap. 19, 1924. no. 3157.

Holmes, E. M.

Henna. Pharm. Journ. 112: 437-439. Ap. 26,
1924. no. 3158.

Phytopath.

American phytopathological society.

Report of the fifteenth annual meeting. Phyto-
path. 14: 200-210. Ap. 1924. no. 4.

Johnson, James, Slagg, C. M. & Murwin, H. F.

Host plants of *Bacterium tabacum*. Phytopath.

14: 175-180. pl. v-vi. Ap. 1924. no. 4.

Literature cited: p. 130.

Orton, W. A.

An early report on infectious chlorosis.

Phytopath. 14: 198-199. Ap. 1924. no. 4.

Phytopath. (cont.)

Shapovalov, Michael & Lesley, J.W.

The behavior of certain varieties of tomatoes towards Fusarium-wilt infection in California. Phytopath. 14: 188-197. pl.vii-viii. Ap,1924. no.4.

Thomas, H. E.

Tobacco wildfire and tobacco seed treatment. Phytopath. 14: 181-187. illus. Ap,1924. no.4. Literature cited: p. 187.

Proc. Nat. Acad.Sci.

Belling, John & Blakeslee, A.F.

The configurations and sizes of the chromosomes in the trivalents of 25-chromosome daturas. Proc. Nat.Acad.Sci. 10: 116-120. Mr, 1924. no.3.

Blakeslee, A. F.

Distinction between primary and secondary chromosomal mutants in Datura. Proc. Nat. Acad. Sci. 10: 109-116. Mr. 1924. no.3.

Clausen, R.E. & Mann, M. C.

Inheritance in Nicotiana tabacum. V. occurrence of haploid plants in interspecific progenies. Proc. Nat. Acad. Sci. 10: 121-124. Ap. 1924. no.4. Literature cited: p. 123-124.

Progr. Agr. & Vitic.

Libes, René

Destruction du liseron. Progr. Agr. et Vitic. 81: 428-430. illus. My. 4, 1924. no.13.

Rives, Louis.

Le Court-noué. Progr. Agr. et Vitic. 81: 424-426. My.4, 1924. no.13.

Sicard,

Le surgreffage de la vigne. Son application dans certaines manifestations pathologiques apoplexie. Rougeau. Progr. Agr. & Vitic. 81: 376-379. Ap. 20, 1924. no. 16.

Rep. Agr. Dept. Bihar & Orissa.

Basu, S. K.

Report on the administration of the botanical section for the year ending 30th Je,1923. Rep. Agr. Dept. Bihar & Orissa. 1922/23. p.12-13. 1923.

Rev. Agr. Com. y Trab. Cuba,

Bruner, S. C.

Una interesante planta fanerogama parasitica sobre, el naranjo. Rev. Agr. Com. y Trab. Cuba. v.5, no.12. p.38-39. illus. 1924. Cassytha filiformis.

Calvino, Mario.

Un nuevo fruto en la estacion agronomica "La Claucena lansium." Rev. Agr.Com, y. Trab. Cuba. v.5, no.12. p.43-45. illus. 1924.

La campaña sobre el mosaico, Una conferencia en el central "San Cristobal" Pinar del Rio. Rev. Agr. Com. y Trab. Cuba. v.5, no.12. p.4-5. illus. 1924.

Rev. Agr. Com. y Trab. Cuba. (cont.)

Uphof, J. C. Th.

Estudio botánico de la yuca (*Manihot esculenta*, Crantz) Rev. Agr. Com y Trab. Cuba. v. 5, no. 12, p. 27-34. illus. 1924.

Bibliografía: p. 34.

Rev. Agr. Puerto Rico.

Ramos, R. M.

El "Melinitis minutiflora" y la garrapata. Rev. Agr. Puerto Rico. 12: 219-223. illus. Ap. 1924. no. 4.

Rev. Fac. Agron. Univ. La Plata.

Herrero Ducloux, Enrique & Awschalom, Mas.

Datos químicos sobre la *Rapanea laetevirens* Mez. Rev. Fac. Agron. Univ. La Plata. v. 15, no. 2. p. 47-65. plates. 1923.

Bibliography: p. 63-65.

Marchionatto, J. B.

Contribución al conocimiento de los hongos parásitos de las plantas cultivadas. Rev. Fac. Agron. Univ. La Plata. v. 15. no. 2. p. 83-92. plates. 1923.

Rev. Gén. Bot.

Choux, Pierre.

Revue des travaux de botanique tropicale et subtropicale (1910-1919) (cont.) Rev. Gén. Bot. 36: 121-144, 182-191. Mr.-Ap. 1924. no. 423-424.

Devaux, Henri E.

L'injection des lacunes signe de la mort chez les plantes aquatiques. Rev. Gén. Bot. 36: 99-107. Mr. 1924. no. 423.

Lesage, Pierre.

Sur la toxicité de l'eau distillée en alambic métallique et sa neutralisation. Rev. Gén. Bot. 36: 145-158. Ap. 1924. no. 424.

Prianichnikov, Dimitrii.

Sur le rôle de l'asparagine dans les transformations des matières azotées chez les plantes. Rev. Gén. Bot. 36: 108-122, 159-181. Mr.-Ap. 1924. no. 423-424.

Rev. Gén. Sci.

Bouvier, E. L.

Edmond Bordage. Rev. Gén. Sci. 35: 193-194. Ap. 15, 1924. no. 7.

Houard, Antony.

L'amélioration de la production du palmier à huile en Afrique occidentale française. Rev. Gén. Sci. 35: 198-209. illus. Ap. 15, 1924. no. 7.

Rev. Hort.

Bellair, Georges.

Soignons nos plantes. Rev. Hort. 96: 75. Ap. 1924.

Science.

East, E.M.

The Harvard botanical garden in Cuba. A tropical station for general biological research. Science. 59: 433-434. My.16, 1924. no.1533.

Fairchild, H. L.

The history of the American association for the advancement of science. Science. 59: 410-415. My.9, 1924. no.1532.

Levene, P. A.

Jacques Loeb, the man. Science. 59: 427-428. My. 16, 1924. no.1533.

Osterhout, Winthrop J. V.

Jacques Loeb, the scientist. Science. 59: 428-430. My16, 1924. no.1533.

Scient. Agr.

Fraser, W. P. & Simmonds, P.M.

Co-operative experiments with copper carbonate dust and other substances for smut control in 1923. Scient. Agr. 4: 257-263. My. 1924. no.9. References: p. 263.

Newton, J.D.

Measurements of carbon dioxide evolved from the roots of various crop plants. Scient.Agr. 4: 268-274. illus. My.1924. no.9. References: p. 274.

Sci. Bull. Dept.Agr.Sc.Africa.

Copeman, P.R. v. d.R.

An investigation into the composition of "wilde dagga" (*Leonotis leonurus* R.Br.) Sci. Bull. Dept. Agr. Sc.Africa. 28. 9 p. col.pl. 1923.

Scott.Journ.Agr.

The floral parts of the potato as aids in the identification of varieties. Scott. Journ. Agr. 7: 187-193. illus. Ap.1924.

Trop. Agr.

Alex, K. J.

Eradication of the sensitive plant (*Mimosa pudica*) Trop. Agr. 62: 169. Mr. 1924. no.3.

Bertrand, E. W. R.

Phytophthora leaf-fall of rubber. Trop. Agr. 62: 144-146. Mr. 1924. no.3.

Succulenta.

Bumungh, H.

Cereus spechianus Lem. en *Echinopsis schickendantzii* Web. III. Succulenta. 6: 64-65. Ap. 1924. no.4.

U.S. Dept. Agr. Bull.

Marsh, C.D. & Clawson, A.B.

The woolly-pod milkweed (*Asclepias eriocarpa*) as a poisonous plant. U.S. Dept. Agr. Bull. 1212.
13 p. illus. Ap. 1924.

Thomas, C.C. & Church, C.G.

The Chinese jujube. U.S. Dept. Agr. Bull. 1215.
30 p. illus., pl. i-viii. Ap. 1924.

Literature cited: p.30.

"The composition of the Chinese jujube" by C.G. Church.

Woolman, H. M. & Humphrey, H.B.

Summary of literature on bunt, or stinking smut, of wheat. U.S. Dept. Agr. Bull. 1210. 44 p. My. 1924.

Bibliography: p. 21-44.

U.S. Dept. Agr. Farm. Bull.

Beattie, W.R.

Watermelons, U.S. Dept. Agr. Farm. Bull. 1394.
22p. illus. Ap. 1924.
Diseases of the watermelon: p. 13-17.

U.S. Dept. Agr. Plant Dis. Rep.

United States Dept. of agriculture -- Bureau of plant industry -- Plant disease survey.

Crop losses from plant diseases in the United States
Its Plant Dis. Rep. Suppl. 30. D. 1923.

Verh. Bot. Ver. Brandenburg.

Hillmann, Johannes.

Uebersicht über die in der Provinz Brandenburg.
bisher beobachteten flechten. Verhandl. Bot.
Ver. Prov. Brandenburg. 65: 36-75. 1923.

Jaap, Otto.

Ein weiterer beitrage zur gefasspflanzen-flora der
nördlichen Prignitz. Verhandl. Bot. Ver. Prov.
Brandenburg. 65: 5-20. 1923.

Kirschstein, Wilhelm.

Ein neuer märkischer discomycet. Verhandl. Bot.
Ver. Prov. Brandenburg. 65: 122-124. 1923.
Claußenomyces, nov. gen.

Loesener, Theodor.

Eduard Seler. Verhandl. Bot. Ver. Branden-
burg. 65: 78-83. 1923.

Loesener, Theodor.

Plantae Selerianae X. Verhandl. Bot. Ver. Prov.
Brandenburg. 65: 84-122. 1923.

Markgraf, Fr.

Die bredower forst. Verhandl. Bot. Ver. Prov.
Brandenburg. 65: 20-26. 1923.

Moewes, Franz.

Hugo Conwentz. Verhandl. Bot. Ver. Prov.
Brandenburg. 65: 1-5. 1923.

Verh. Bot. Ver. Brandenb. (cont.)

Osterwald, Karl.

Ueber die verbreitung der kustenflechte *Bacidia chlorococca* in dem fischereigebiet von Berlin. Verhandl. Bot. Ver. Prov. Brandenburg. 65: 75-78. 1923.

Weisse, Arthur.

Ueber änderung der blütenfarbe durch äussere faktoren. Verhandl. Bot. Ver. Prov. Brandenburg. 65: 27-36. 1923.

Vie Agr. et Rur.

Dubois, P.

Culture de la pomme de terre. Vie Agr. et Rur. 24: 284-285. My.3, 1924. no 13.

Paillet, A.

Traitement des arbres fruitiers par les bouillies mixtes. Vie Agr. et Rur. 24: 273-275. illus. My.3, 1924. no. 18.

Ouvrages à consulter: p.275.

Vlugschr. Deli Proefstat. Medan.

Fulmek, Leopold.

Loodarsenaat-mengsels voor zaadbedden-bespruiting. Vlugschr. Deli Proefstat. Medan. no. 25. 3 p. Mr. 1924.

Yearbk. Dept. Agr. Ceylon.

Gadd, C. H.

Further observations on the nut-fall of cocoanuts. Yearbk. Dept. Agr. Ceylon. 1924, p.16-20.

Petch, Thomas.

Abnormalities in cocoanuts. Yearbk. Dept. Agr. Ceylon. 1924, p.20-23. pl. iv-vi.

A. Horned cocoanut. B. An abnormal inflorescence from a nut.

Ragunathan, C.

Soft rot of *Vanilla planifolia* Andrews. Yearbk. Dept. Agr. Ceylon. 1924, p. 52-55. pl. xv-xix.

Cause undetermined, two species of *Glomerella* and one of *Colletotrichum* found.

Reeve, A.T.

A brown bast census. Yearbk. Dept. Agr. Ceylon. 1924, p. 14-15.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Boedijn, K.

Die systematische gruppierung der arten von *Oenothera*. Zeitschr. Indukt. Abstamm. Vererbungsl. 32: 354-362. 1924. no.4.

Literatur: p. 362.

Hemleben, Hans.

Ueber differenzierungsvorgänge in pflanzlichen gewebe. Zeitschr. Indukt. Abstamm. Vererbungsl. 32: 376-383. 1924. no. 4.

Literatur: p. 383.

Zeitschr. Sukkulent.

Bödeker, Friedrich.
Mamillaria scheeri Mühlentpf. und andre coryphan-
then. Zeitschr. Sukkulent. no. 10. p. 117-120.
Ap. 15, 1924.

Vaupel, Friedrich.
Tacinga. Zeitschr. Sukkulent. no. 10,
p.120-121. illus. Ap. 15, 1924.
Tacinga funalis.

Zeitschr. Wiss. Mikros.

Küster, Ernst.
Ueber manganniederschläge auf photosynthetisch-
tätigen pflanzenzellen. Zeitschr. Wiss. Mikros.
40: 299-306. illus. Mr. 1924. no. 3.

Exper. Stat. Publ.

Auchter, E.C.
Is there normally a cross transfer of foods,
water and mineral nutrients in woody plants?
Maryland Agr. Exp. Stat. Bull. 257. p. 33-60.
S. 1923. (Rec'd My. 1924)
Literature cited: p. 58-60.

White, T.H.
Some studies in the production of double blooms
of stocks (*Mathiola icana annua*) Maryland Agr.
Exp. Stat. Bull. 259. p. 87-102. illus. N, 1923.

Goss, R. W.
Effect of environment on potato degeneration
diseases. Nebraska Agr. Exp. Stat. Res. Bull. 26.
40 p. Mr. 1924.
Literature cited: p. 40.

New Books.

Bonnier, G. E. M.
Flore complète illustrée en couleurs de France,
Suisse et Belgique...v.7, fasc. 67. 1923

Dinnarh, Talvar.
Biogenesis of the mohua oil. A systematic study of
the changes taking place in the fruit and seeds of *Bassia*
longifolia from beginning to complete ripeness. Agra,
1923.

Kajanus, B.
Genetische untersuchungen an weizen. Leipzig,
1923 (Bibliotheca genetica v. 5.)

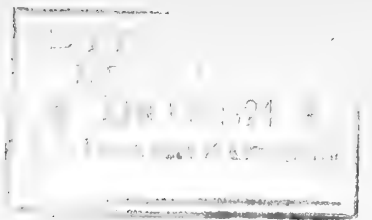
Translations available in the Bur. Plant Industry Library.

Tischler, Georg.
Ueber latente krankheitsphasen nach *Uromyces*-in-
fektion bei *Euphorbia cyparissias* (On latent phases of
diseases in *Euphorbia cyparissias*) Bot. Jahrb. Engler.
50 (Suppl. : 95-110. illus. 1914.

Hiura, M.
Investigations on flax anthracnose. Journ. Soc.
Agr. and For. Sapporo. v. 15, no. 64. p. (1)-(23) O. 1923.
English abstract by M. Yoshikawa; also transl. of
abstract of original article which appeared in Tidsskr.
Planteavl. v. 28.

Nadson, G. Zolkiwicz, A. I.
Spicaria purpurogenes n. sp. Bull. (Izvest. Prin.
Jard. Bot. Rép. Russ. v. 21, suppl. p. 1-12. iii pl. 1922
Original article in Russian with German Résumé.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 136.
May 19-31, 1924.



Agr. Journ. B. C.

Gellatly, David,
Nut-culture, British Columbia's new industry.
Agr. Journ. B. C. 9: 54-55, 55. illus. My. 1924.
no.3.

Amer. Flor.

Dr. William J. Beal, Amer. Flor. 62: 903.
My.17, 1924. no.1876.
Died May 12, 1924.

Amer. For. & For. Life.

Godwin, Earl.
A playground as God made it, Amer. For. & For.
Life. 30: 337-341, 346. illus. Je. 1924. no.366,
Rock Creek Park.

King, C. A.

Bermuda wedding trees. Amer. For. & For. Life.
30, 363, 384. illus. Je. 1924. no.366.

Mattoon, W. R.

Black walnut. Where and how to plant it. Amer.
For. & For. Life. 30: 347-348, 362. illus. Je.
1924. no.366.

Sudworth, G. B.

A new hickory from Florida, Amer. For. & For.
Life. 30: 334-335. illus. Je. 1924. no.366.
Hicoria ashei named in honor of Mr.W.W. Ashe
who discovered it.

Amer. Journ. Bot.

Brink, R. A.

The physiology of pollen II. Further con-
siderations regarding the requirements for growth.
Amer. Journ. Bot. 11: 283-294. My. 1924. no.5.

Korstian, C. F.

A silvical comparison of the Pacific Coast and
Rocky Mountain forms of western yellow pine.
Amer. Journ. Bot. 11: 318-324. illus. My
1924. no.5.
Literature cited: p. 323-324.

Longley, A. E.

Cytological studies in the genus Crataegus.
Amer. Journ. Bot. 11: 295-317. illus., pl. xvi-
xvii. My. 1924. no.5.
Literature cited: p. 315-316.

Toole, E. H.

The transformations and course of development of
germinating maize. Amer. Journ. Bot. 11: 325-
350. illus. My. 1924. no.5.
Literature cited: p. 348-350.

Amer. Nat.

Emerson, R. A.

Aberrant endosperm development as a means of
distinguishing linkage groups in maize. Amer.
Nat. 58: 272-277. My.-Je. 1924. no.656.
Literature cited: p. 277.

Beih. Bot. Centralbl.

Cholodny, N.

Ueber die vegetative vermehrung von *Sempervivum*
soboliferum. Beih. Bot. Centralbl. Abt.I, 40:
161-173. illus. F.1924. no.2.

Cholodny, N.

Zur biologie und physiologie der albegeer von
Sempervivum soboliferum. Beih. Bot. Centralbl.
Abt. I, 40: 174-182. illus., pl.i. F. 1924. no.2.

Kostytschew, Sergei.

Der bau und das dickenwachstum der dikotylenstämme.
Beih. Bot. Centralbl. Abt.I, 40: 295-350. illus.
Mr. 1924. no.3.

Kostytschew, Sergei.

Untersuchungen über die ernährung der grünen
halbschmarotzer. Beih. Bot. Centralbl. Abt.I, 40:
351-373. Mr. 1924. no.3.

Lehmberg, Karl.

Zur kenntnis des baues und der entwicklung der
wasserleitenden bahnen bei der sonnenblume
(*Helianthus annuus*) Beih. Bot. Centralbl. Abt.I,
40: 183-236. pl.ii-v. F.1924. no.2.
Literaturverzeichnis: p. 233-234.

Oehm, Gustav.

Studien über riesen- und zwergformen einheimischer
pflanzen, I- Beih. Bot. Centralbl. Abt.I,
40: 237-294. pl.vi-xi. F. 1924. no.2.
Literaturverzeichnis: p. 293.
I. *Hedera*.

Ber. Deut. Bot. Ges.

Brauner, Leo.

Phototropismus und lichtturgorreaktion I.
Ber. Deut. Bot. Ges. 42: 59-65. illus. Mr.
1924. no.1/2.
Zitierte literatur: p.65.

Cholodny, N.

Zur morphologie der eisenbakterien *Gallionella*
und *Spirophyllum*. Ber. Deut. Bot. Ges. 42:
35-44. illus. Mr. 1924. no.1/2.

Eberle, Georg.

Früchte und keimpflanzen von *Amorphophallus*
bulbifer I-II. Ber. Deut. Bot. Ges. 42: 49-53,
54-59. illus. Mr. 1924. no.1/2.

Ber. Deut. Bot. Ges. (cont.)

Huber, Bruno.

Beiträge zur Kenntnis der Wasserbewegung in der Pflanze. II. Die Strömungsgeschwindigkeit und die Grösse der Widerstände in den Leitbahnen.

Ber. Deut. Bot. Ges. 42: 27-32. Mr. 1924. no. 1/2.

Literatur: p. 32.

Huber, Bruno.

Eine einfache Methode zur Messung der Verdunstungskraft am Standort. Ber. Deut. Bot. Ges. 42: 19-26. Mr. 1924. no. 1/2.

Literatur: p. 26.

Ivanoff, Leonid.

Ueber die Transpiration der Holzgewächse im Winter. I. Ber. Deut. Bot. Ges. 42: 44-49. Mr. 1924. no. 1/2.

Lehmann, Ernst. & Lakshmana, Rao.

Ueber die Gültigkeit des Produktgesetzes bei der Lichtkeimung von *Lythrum salicaria*. Ber. Deut. Bot. Ges. 42: 65-69. Mr. 1924. no. 1/2.

Möbius, M.

Ueber das Grauwerden des Holzes. Ber. Deut. Bot. Ges. 42: 15-18. illus. Mr. 1924. no. 1/2.

Pfeiffer, Hans.

Ueber Spaltenbildung und Vorbeigleiten der Bastkörper in unterbrochenen Holzkörper der Bignoniaceen. Ber. Deut. Bot. Ges. 42: 32-35. Mr. 1924. no. 1/2.

Verzeichnis der angeführten Literatur: p. 35.

Ruhland, Willy & Wetzel, K.

Der Nachweis von Chloroplasten in den generativen Zellen von Pollenschläuchen. Ber. Deut. Bot. Ges. 42: 3-14. illus. Mr. 1924. no. 1/2.

Literaturverzeichnis: p. 14.

Weisse, Arthur.

Blattstellungsstudien an *Cercidophyllum japonicum* III. Abweichungen in Blattstellung und Verzweigung. Ber. Deut. Bot. Ges. 42: 70-75. Mr. 1924. no. 1/2.

Literatur: p. 75.

Bergens Mus. Aarb.

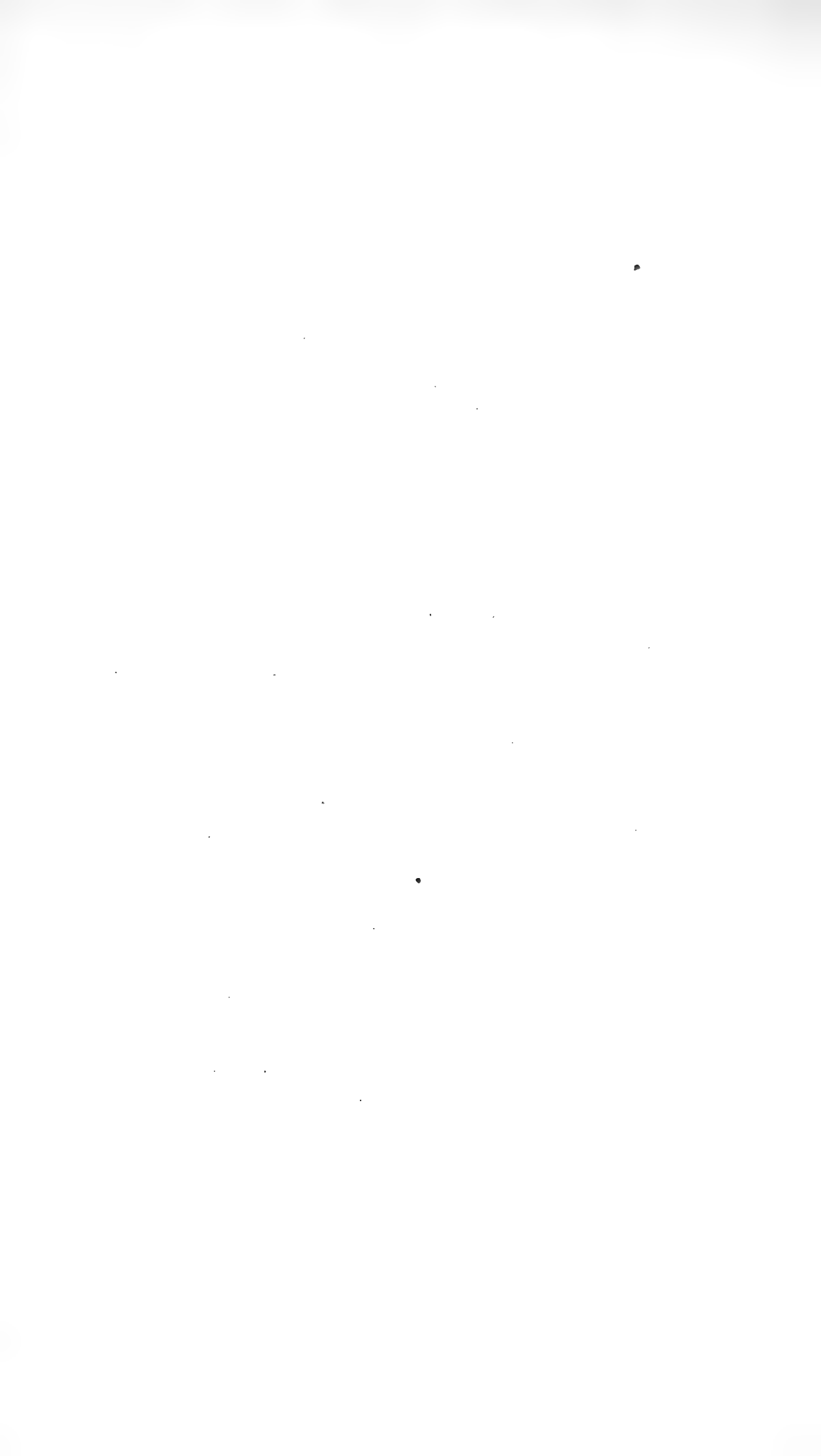
Jørstad, Ivar.

Hardangers rustsopper. Bergens Mus. Aarb. 1921-1922. Nat. Raekke no. 4. 23 p. 1923. no. 1. Benyttet litteratur: p. 23.

Omang, S. O. F.

Hardangeromraadets Hieraciumflora. Bergens Mus. Aarb. 1921-1922. Nat. Raekke no. 7. 216 p. 1923. no. 2.

Literaturfortegnelse: p. 209-211.



Better Fruit.

Day, L. H.

Spring precautions against pear blight. Better Fruit. v.18, no.11. p.12. My. 1924.

Biochem. Journ.

Chibnall, A. C.

Investigation on the nitrogenous metabolism of the higher plants V-VII. Biochem. Journ. 18: 387-394, 395-404, 405-407. 1924. no.2.

V. Diurnal variations in the protein nitrogen of runner bean leaves. VI. The rôle of asparagine in the metabolism of the mature plant. VII. Leaf protein metabolism in normal and abnormal runner-bean plants.

References: p. 394, 404, 407.

Hardy, Frederick.

The extraction of pectin from the fruit rind of the lime (*Citrus medica acida*) Biochem. Journ. 18: 283-290. 1924. no.2.

References: p. 290.

Paton, F. J., Nanji, D.R. & Ling, A. R.

On the hydrolysis of the endosperm of *Phytalephas macrocarpa* by its own enzymes. Biochem. Journ. 18: 451-454. 1924. no.2.

Bibliography: p. 454.

Pearsall, W. H. & Ewing, James.

The isoelectric points of some plant proteins. Biochem. Journ. 18: 329-339. 1924. no.2.

References: p. 339.

Biol. Zentralbl.

Oehlkens, Friedrich.

Vererbungsversuche an onotheren III. Das Sulfurea-merkmal bei den onotheren. Biol. Zentralbl. 44: 1-9. Mr. 1924. no.1/2.

Literatur: p. 9.

Bol. Agr. Bahia.

Bondar, Gregorio.

Cacão crioulo de Venezuela na Bahia. Bol. Agr. Bahia. 1922, no.7-12. p.5-13. illus., plates. Jl.-D. 1922 (Rec'd My. 1924).

Bot. Gaz.

Davis, W. H.

Lactophenol. Bot. Gaz. 77: 343-344. My. 1924. no.3.

Used in preserving specimens for herbaria.

Denny, F. E.

Effect of ethylene upon respiration of lemons. Bot. Gaz. 77: 322-329. My. 1924. no.3.

Literature cited: p. 329.

Bot. Gaz. (cont.)

Eaton, F. M.

Assimilation-respiration balance as related to length of day reactions of soy beans. Bot. Gaz. 77: 311-321. illus. My. 1924. no.3.

Gates, F. C.

Three sets of megasporangiate cones per year in Pinus. Bot. Gaz. 77: 340-342. illus. My. 1924. no.3.

Hendricks, Esten & Harvey, R. B.

Growth of plants in artificial light II. Intensities of continuous light required for blooming. Bot. Gaz. 77: 330-334. illus. My. 1924. no.3.

Hutchinson, A. H.

Embryogeny of Abies. Bot. Gaz. 77: 280-289. illus., pl. xvii-xx. My. 1924. no.3.
Literature cited: p. 238.

Kelley, A. P.

Smoke and soil acidity. Bot. Gaz. 77: 335-339. My. 1924. no.3.

Reed, H. S. & Haas, A. R. C.

Iron supply in a nutrient medium. Bot. Gaz. 77: 290-299. My. 1924. no.3.
Literature cited: p. 298-299.

Sedgwick, P. J.

Life history of Encephalartos. Bot. Gaz. 77: 300-310. illus., pl. xxi-xxii. My. 1924. no.3.
Literature cited: p. 309-310.

Shull, C. A. & Shull, S. P.

Temperature coefficient of absorption in seeds of corn. Bot. Gaz. 77: 262-279. My. 1924. no.3.
Literature cited: p. 278-279.

Woodard, John.

Origin of prairies in Illinois. Bot. Gaz. 77: 241-261. My. 1924. no.3.
Literature cited: p. 260-261.

Bull. Agr. Congo Belge.

Claes, Florent,

Notes sur l'habitat et la récolte du "Phytelephas macrocarpa" Ruiz et Pav. Bull. Agr. Congo Belge. 14: 565-568. D. 1923 (Rec'd My. 1924) no.4.

Goossens, Victor.

Catalogue des plantes du Jardin botanique d'Étala 1923. Bull. Agr. Congo Belge. 14: 620-674. illus., col. pl. D. 1923 (Rec'd My. 1924). no.4.

Goossens, Victor.

Note sur l'"Irvingia barteri" Hook f. producteur du "beurre de Dika" Bull. Agr. Congo Belge. 14: 569-571. D. 1923 (Rec'd My. 1924) no.4.

Vanderyst, Hyacinth.

Jardin agrostologique de Leverville (Moyen-Kwilu) Bull. Agr. Congo Belge. 14: 545-564. D. 1923 (Rec'd My. 1924.) no.4.

Bull. Dept. Agr. Burma.

McKerral, A.

The commoner grasses of Burma with notes on their agricultural importance and distribution. Bull. Dept. Agr. Burma. 20. 23 p. illus., pl. i-xxiii. 1924.

Bull. Orto Bot. Napoli.

Augugliaro, Paolina.

Ricerche sulla macrobiocarpia della *Gardenia thunbergia* Linn. f. Bull. Orto Bot. Napoli. 7: 237-254. pl. vii. 1924.
Bibliografia: p. 252-253.

Cavara, Fridiano. & Chistoni, A.

La coltivazione del *Papaver somniferum* L. nel R. orto botanico di Napoli. Bull. Orto Bot. Napoli. 7: 277-280. pl. ix. 1924.

Cavara, Fridiano.

La coltura dell'albero della canfora. Bull. Orto Bot. Napoli. 7: 13-30. 1924.

Cavara, Fridiano.

Di un ibrido del lauro-canfora [*Cinnamomum camphora* Eber. et Nees x *C. glanduliferum* (Wall) Meissn.] Bull. Orto Bot. Napoli. 7: 31-34. pl. ii. 1924.

Cavara, Fridiano.

Francesco Balsamo. Bull. Orto Bot. Napoli. 7: 281-289. port. 1924.
Lavori scientifici e didattici di Francesco Balsamo: p. 288-289.

Guadagno, Michele.

La vegetazione della penisola sorrentina IV. Bull. Orto Bot. Napoli. 7: 67-128. 1924.

Jasevoli, Giovanni.

Contributo alla conoscenza degli ifomiceti del terreno agrario. Bull. Orto Bot. Napoli. 7: 217-236. pl. v-vi (part col.) 1924.
Bibliografia: p. 234-235.

Leone, Gustavo.

Azione e valore biologico di alcune digitali coltivate nel R. orto botanico di Napoli. Bull. Orto Bot. Napoli. 7: 255-263. pl. viii. 1924.

Parisi, Rosa.

Contribuzione alla micologia dell'Italia meridionale. Bull. Orto Bot. Napoli. 7: 35-36. 1924.
Bibliografia: p. 63-66.

Bull. Orto Bot. Napoli. (cont.)

Rodio, Gaetano,

Di un saccaromicete del dattero (*Zygosaccharomyces cavarae* nov. sp.) Bull. Orto Bot. Napoli. 7: 1-12. pl. i. 1924.

Bibliografia: p. 10-11.

Rodio, Gaetano,

Ricerche sperimentali sulle variazioni di temperatura nei vegetali. Bull. Orto Bot. Napoli. 7: 159-216. pl. iv. 1924.

Bibliografia: p. 216.

Rongione, Amerigo.

Variazioni della pressione osmotica in semi germinanti. Bull. Orto Bot. Napoli. 7: 134-158. 1924.

Bibliografia: p. 158.

Bull. Soc. Bot. Ital.

Carano, Enrico,

"*Chenopodium multifidum* L." in Terra di Bari.

Bull. Soc. Bot. Ital. 1924, p. 85. Ap. 1924. no. 4.

Cengia-Sambo, M.

Le piante medicinali del l'Urbinate. Bull. Soc. Bot. Ital. 1924, p. 91-104. Ap. 1924. no. 4.

Libri consultati: p. 104.

Ciferri, R.

Prima contribuzione allo studio degli Ustilaginales. Bull. Soc. Bot. Ital. 1924, p. 57-59, 81-82. Mr.-Ap. 1924. no. 3-4.

Fenaroli, L.

Circa alcune notevoli varietà di "*Carex curvula*" All. Bull. Soc. Bot. Ital. 1924, p. 79-80. Mr. 1924. No. 3.

Fenaroli, L.

Nuova forma di "*Aspidium lonchitis*" Sw. Bull. Soc. Bot. Ital. 1924, p. 82-83. Ap. 1924. no. 4. *Aspidium lonchitis baitonense*.

Pampanini, Renato.

Varietà e forme della "*Sesleria sphaerocephala*" Ard. nelle Alpi del Cadore. Bull. Soc. Bot. Ital. 1924. p. 85-90. Ap. 1924. no. 4.

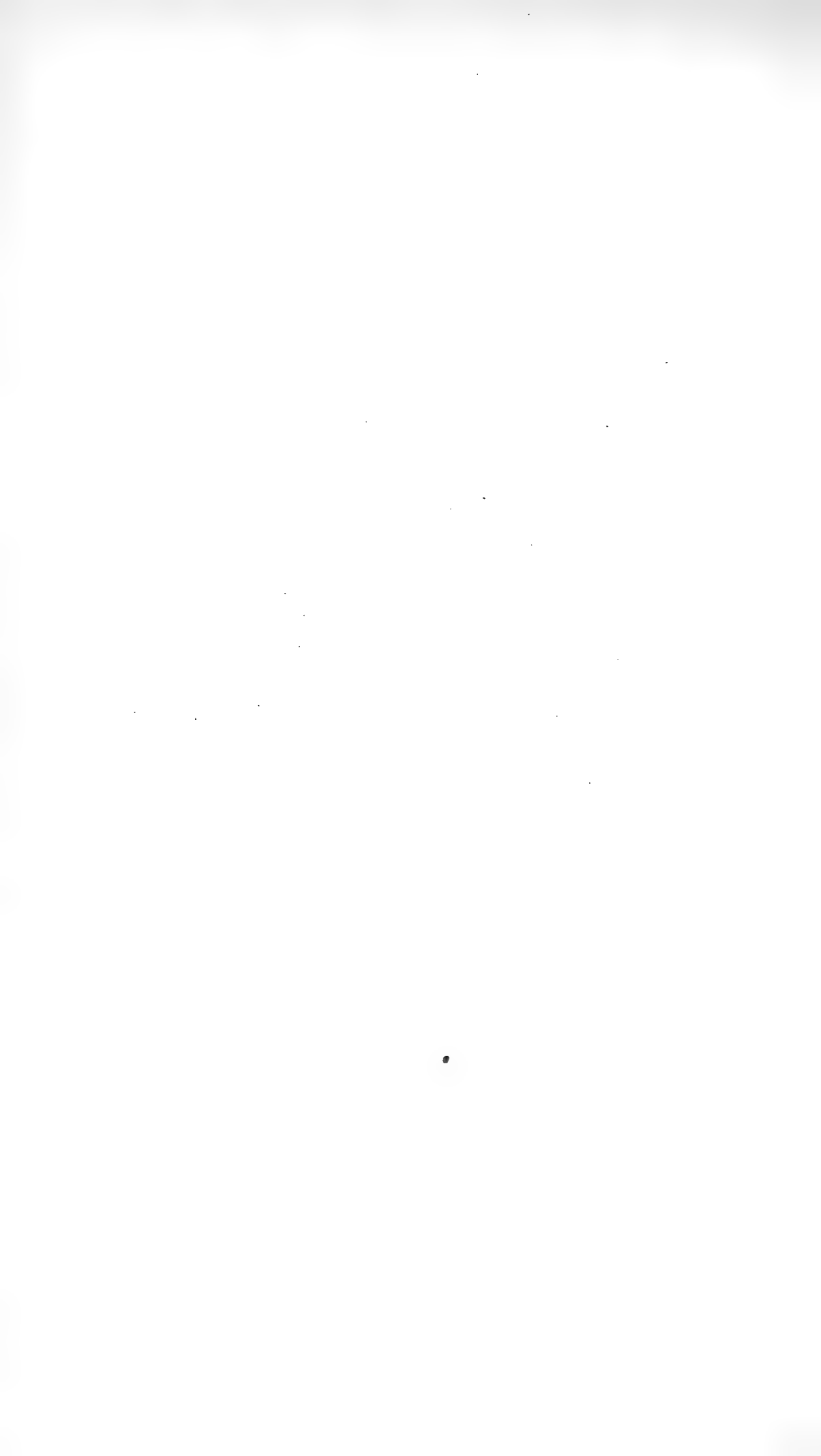
Sesleria sphaerocephala var. *coerulescens*, S. *sphaerocephala* var. *leucocephala*.

Traverso, G. B.

Un antico esemplare di "*Sclerospora graminicola*" (Sacc.) Schroet. Bull. Soc. Bot. Ital. 1924, p. 75-78. illus. Mr. 1924. no. 3.

Traverso, G. B.

La conferenza internazionale di fitopatologia di Wageningen. Bull. Soc. Bot. Ital. 1924, p. 70-74. Mr. 1924. no. 3.



Bull. So. Calif. Acad. Sci.

Davidson, Anstruther.

Lilium parryi var. *Kessleri*, n.var. Bull.
So. Calif. Acad. Sci. 23: 53. illus. Mr.-Ap.
1924. no.2.

Bull. Torr. Club.

Harris, J. A.

The tissue fluids of *Cuscuta*. Bull. Torrey
Bot. Club. 51: 127-131. Ap. 1924. no.4.
Literature cited: p. 130-131.

Howe, M. A.

Chinese marine algae. Bull. Torrey Bot. Club.
51: 133-144. pl.1-2. Ap. 1924. no.4.
Lomentaria sinensis, *Nemastoma cowdryi*, n.sp.

Rydberg, P. A.

The section *Tuberarium* of the genus *Solanum* in
Mexico and Central America. Bull. Torrey Bot. Club.
51: 145-154. Ap. 1924. no.4.

Chrysanthème.

Chifflet, Jean.

Maladies et parasites des chrysanthèmes. Observa-
tions de l'année 1923. Chrysanthème. 27: 504-505.
Ap.-My. 1924. no.201.

Citrus Indust.

Skinner, R. E.

Some observations on citrus root stocks. Citrus
Indust. v.5, no.5. p.5-7, 34. port. My. 1924.

Compt. Rend. Acad. Sci. Paris.

Coupin, Henri.

Sur la production d'ozone par les végétaux verts.
Compt. Rend. Acad. Sci. Paris. 178: 1572-1573.
My.5, 1924. no.19.

Hée, A.

Intensité de la respiration chez les végétaux
et loi des tailles. Compt. Rend. Acad. Sci. Paris.
178: 1570-1572. My.5, 1924. no. 19.

Compt. Rend. Soc. Phys. & Hist. Nat. Genève.

Zender, J.

Sur l'état rhizopodial des haustoriums du *Cuscuta*
europaea. Compt. Rend. Soc. Phys. & Hist. Nat.
Genève. 41: 43-44. Ja.-Mr. 1924. no.1.

Contr. U.S. Nat. Herb.

Blake, S. F.

New American Asteraceae Contr. U.S. Nat.
Herb. 22: 587-661. pl.54-63. 1924. no. 8.

Hitchcock, A. S.

The North American species of *Aristida*. Contr.
U. S. Nat. Herb. 22: 517-586. 1924. no.7.

Popenoe, Wilson.

Economic fruit-bearing plants of Ecuador.
Contr. U.S. Nat. Herb. 24: 101-134. pl. 34-49.
My.28, 1924. no.5.

Country Life.

Hampton, F. A.
Popular plant names of today. Country Life.
55: 730-731. My.10, 1924. no.1427.

Dansk. Bot. Ark.

Lange, J. E.
Studies in the agarics of Denmark. V. Ecological
notes. The Hygrophorei. Stropharia and Hyphloma.
Supplementary notes to parts I-III. Dansk. Bot. Ark.
v.4, no.4. 58 p. pl. i-ii (part col.) 1923.
Bibliography: p. 53.

Deut. Landw. Presse.

Friedrichs, Gustav. & Kotthoff, P.
Die biologische kontrolle der saatbeizmittel.
Deut. Landw. Presse. 51: 184. Ap.26, 1924. no.17.

Deut. Obstb. Zeit.

Bremer, Hans.
Wissenswertes aus der arbeit in- und ausländischer
versuchsstationen und institute. 5. Die wirkung von
bekämpfungsmitteln auf den erreger der kohlhernie.
Deut. Obstb. Zeit. 70: 184-185. Ap.24, 1924.
no. 17.

Facts about Sugar.

Veve, R. A.
Overcoming the mosaic disease at Fajardo. A
Porto Rican experience in dealing successfully with
the disease by use of the roguing system. Facts
about Sugar. 18: 468. My.17, 1924. no.20.

Flor. Exch.

Holmes, Eber.
Roses and black spot disease. Flor. Exch.
57: 1633, 1639. My.24, 1924. no. 21.

Fruit, Flower & Veg. Trades Journ.

Mosaic disease of cucumbers and tomatoes. Fruit,
Flow. & Veg. Trades Journ. 45: 533. My.10, 1924.
no. 19.

Fruit, Gard. & Home.

Eldredge, A. G.
Prairie wildflowers for your garden. Fruit,
Gard. & Home. v.2, no.10, p.9, 27, 36. illus.
Je. 1924.

Garden.

Irving, Walter.
Campanulas for the rock garden. Garden.
88: 315-317. illus. My.10, 1924. no.2738.

Osborn, Arthur.
The willows. Garden. 88: 295-296. illus.
My.3, 1924. no.2737.

Gard. Bull. Straits Settle.

Burkill, I. H.

A list of oriental vernacular names of the genus
Dioscorea. Gard. Bull. Straits Settle. 3: 121-
244. Ap. 1924. no.4-6.

Gard. Chron.

Bailey, L. H.

The name of the chrysanthemum; and remarks on
cultigens. Gard. Chron. III, 75: 272-273.
My.10 1924. no.1950.

Dykes, W. R.

Two wild tulips. Gard. Chron. III, 75: 254.
My.3, 1924. no.1949.
Tulipa fosteriana, T.kaufmanniana.

Keeble, Frederick.

The plant commonwealth and its mode of govern-
ment (cont.) Gard. Chron. III, 75: 257-258,
276. My.3, 10, 1924. no.1949, 1950.

Roberts, William.

André Mollet's "Garden of Pleasure," 1670.
Gard. Chron. III, 75: 272. My.10, 1924. no.1950.

Stout, A. B.

Sterility in lilies (concl.) Gard. Chron.
III, 75: 256. illus. My.3, 1924. no.1949.

Ward, F. K.

Rhododendrons. (cont.) Gard. Chron. III,
75: 256-257. My.3, 1924. no.1949.

Gard. Chron. Amer.

Chesley, C. H.

Our native orchids under cultivation. Gard.
Chron. Amer. 28: 143. My. 1924. no.5.

Warner, H. H.

The gardens of old England and the men who
fashioned them. Gard. Chron. Amer. 28: 132-134,
136. illus. My. 1924. no.5.

Gard. Illus.

Ingwersen, W. E. T.

Saxifraga cotyledon and its varieties. Gard.
Illus. 46: 280. My.10, 1924. no.2357.

Gartenw.

Höstermann, G.

Eine bedenkliche art der verwendung von schwefel
als pflanzenschutzmittel. Gartenw. 28: 183-184.
illus. My.2, 1924. no.18.

Hawaiian For. & Agr.

Bryan, L. W.

New trees on the Hilo coast. Hawaiian For. &
Agr. 21: 4-5. pl. Ja.-Mr. 1924. no. 1.

Hawaiian Sugar Plant. Assoc. Exp. Stat. Bull. Bot. Ser.

Kunkel, L. O.

Further studies on the intracellular bodies associated with certain mosaic diseases. Hawaiian Sugar Plant. Assoc. Exp. Stat. Bull. Bot. Ser. 3: 108-114. illus., pl. 29. Ap. 1924. no.2.

Literature cited: p. 114.

Kunkel, L. O.

Histological and cytological studies on the Fiji disease of sugar cane. Hawaiian Sugar Plant. Assoc. Exp. Stat. Bull. Bot. Ser. 3: 99-107. illus., pl. 24-28. Ap. 1924. no.2.

Literature cited: p. 107.

Kunkel, L. O.

Studies on the mosaic of sugar cane. Hawaiian Sugar Plant. Assoc. Exp. Stat. Bull. Bot. Ser. 3: 115-167. illus., col. pl. 30. Ap. 1924. no.2

Literature cited: p. 167.

Hort. Rev. Egypt. Hort. Soc.

Aladjem, R.

Occurrence of cyanogenetic glucosides in fodder-plants. Hort. Rev. Egypt. Hort. Soc. v.10, no. 61. p.4-5. Ap.-S. 1924.

Shabetai, J. R.

Ipomoea rubro caerulea, Hook. Hort. Rev. Egypt Hort. Soc. v.10, n. 61. p.5-6. illus. Ap.-S. 1924.

Illus. Landw. Zeit.

Gleisberg, Walther.

Beispiel einer ertragssteigerung durch ssatgut-stimulierung. Illus. Landw. Zeit. 44: 154-155. illus. Ap.25, 1924. no.17.

Mütterlein,

Kartoffelkeimprüfung. Illus. Landw. Zeit. 44: 167-169. My.2, 1924. no.18.

Wollenweber, H. W.

Getreide-fusarien, erreger von schneeschnitzel und anderen fusariosen. Illus. Landw. Zeit. 44: 169-170. illus. My. 2, 1924. no. 18.

Istria Agr.

Bedini, R.

I sali arsenicali nella razionale frutticoltura. Istria Agr. 4: 170-174. Ap.30, 1924. no.8.

Jahrb. Wiss. Bot.

Karzel, Rudolf.

Untersuchungen über die regeneration von sprossspitzen. Jahrb. Wiss. Bot. 63: 111-141. illus. F. 1924. no.1.

Literaturverzeichnis: p. 140-141.

Jahr. Wiss. Bot. (cont.)

Oehlkers, Friedrich.

Beitrag zur kenntnis der sporenbildung bei den
saccharomyceten. Jahr. Wiss. Bot. 63: 142-158.
F. 1924. no.1.

Literatur: p. 158.

Ursprung, Alfred & Blum, Gebhard.

Eine methode zur messung des wand- und turgor-
druckes der zelle, nebst anwendungen. Jahr. Wiss.
Bot. 63: 1-110. F. 1924. no. 1.

Jen-Sal Journ.

Sweet-clover poisoning. Jen-Sal Journ. v.9,
no.5. p.20. My.1924. no.5.

Journ. Agr. Res.

Beckwith, A. M.

The life history of the grape rootrot fungus
Roesleria hypogaea Thüm. et Pass. Journ. Agr.
Res. 27: 609-616. pl. 1. F.23, 1924 (Rec'd
My.) no.8.

Literature cited: p. 615-616.

Kempton, J. H.

Inheritance of the crinkly, ramose, and brachytic
characters of maize in hybrids with teosinte. Journ.
Agr. Res. 27: 537-596. illus. pl. 1-8. F.23,
1924 (Rec'd My.) no. 8.

Literature cited: p. 596.

Journ. Amer. Pharm. Assoc.

Wurdack, J. H.

The natural plant colouring matters. (concl.)
Journ. Amer. Pharm. Assoc. 13: 399-406. My.1924.
no.5.

References: p.406.

Journ. Bot.

Benham, C. E.

Ferns grown under bottles. Journ. Bot. 62:
146-147. My. 1924. no.737.

Britten, James.

Audible spore-discharge by *Geopyxis coccinea*.
Journ. Bot. 62: 148. My. 1924. no.737.

Church, A. H.

Reproductive mechanism in land flora. I. Sex
theory (concl.) Journ. Bot. 62: 139-142. My.
1924. no.737.

Norman, Cecil.

Plants from Jebel Marra, Darfur. Journ. Bot.
62: 134-139. My. 1924. no. 737.

Puglsey, H. W.

A new *Statice* in Britain. Journ.Bot. 62:
129-134. illus. My. 1924. no.737.

Statice transwalliana, sp.nov.

Journ. Bot. (cont.)

Sprague, T. A.

Garcinia corymbosa. Journ. Bot. 62: 148.
My. 1924. no. 737.

Sprague, T. A.

Superfluous nomina conservanda. Journ. Bot.
62: 143-145. My. 1924. no. 737.

Journ. Dept. Agr. Porto Rico.

Cook, M. T.

The status of plant pathology in Porto Rico.
Journ. Dept. Agr. Porto Rico. v.7, no.3. p.3-14.
Jl. 1923 (Rec'd My. 1924)

Journ. Dept. Agr. So. Africa.

Lansdell, K. A.

Weeds of South Africa XIII. The Mexican
marigold (*Tagetes minuta*) Order Compositae.
Journ. Dept. Agr. So. Africa. 8: 383-387.
illus. Ap. 1924. no. 4.

Verdoorn, I. C.

The economic plants of South Africa. Notes from
the National herbarium and museum I- Journ. Dept.
Agr So. Africa. 8: 414-416. illus. Ap. 1924.
no.4.

I. The kameeldoorn (*Acacia giraffae*)

Journ. Elisha Mitchell Soc.

Coker, W. C.

The Geasters of the United States and Canada.
Journ. Elisha Mitchell Sci. Soc. 39: 170-224. pl.
18-36. Ap. 1924. no. 3-4.
Important literature: p. 172-173.

Lehman, S. G. & Wolf, F. A.

A new downy mildew on soybeans. Journ. Elisha
Mitchell Sci. Soc. 39: 164-169. pl.16-17. Ap. 1924.
Peronospora sojae, n.sp.

Wolf, F. A.

Strawberry leaf scorch. Journ. Elisha Mitchell
Sci. Soc. 39: 141-163. pl.9-15. Ap. 1924. no.3-4.
Literature cited: p. 162-163.
Diplocarpon earliana (E. & E.) n.n.

Journ. Hered.

Babcock, E. B.

Remarkable variations in tarweeds. Many abnormalities
found in plants long domesticated appear in first generation
raised in garden. Journ. Hered. 15: 132-144. illus.
Mr. 1924. no.3.

Fairchild, David.

Barro Colorado Island laboratory. In the rain forest
jungle of Panama, on an island in Gatun Lake, conducted by
the Institute for research in tropical America. Journ.
Hered. 15: 98-112. illus. Mr. 1924. no. 3.

Fraser, A. C.

Intensified red and purple aleurone color. Heritable
characters of maize XVII. Journ. Hered. 15: 119-123.
illus. Mr. 1924. no.3.
Literature cited: p. 123.

Journ. Min. Agr. Gt. Brit.

Stapledon, R. G.

Nomenclature of grasses and clovers. Journ. Min.
Agr. Gt. Brit. 31: 156-161. My. 1924. no.2.

Journ. Pharm. & Chim.

Bridel, Marc. & Delauney, P.

Sur les propriétés de la loroglossine et sur ses
produits de dédoublement: glucose et loroglossi-
génine. Journ. Pharm. & Chim. VII, 29: 393-402.
My.1, 1924. no.9.

Journ. Wash. Acad. Sci.

Killip, E. P.

Notes on Tacsonia. Journ. Wash. Acad. Sci.
14: 212-213. My.19, 1924. no.10.

Wherry, E. T.

The active acidity of soils. Journ. Wash.
Acad. Sci. 14: 207-211. My.19, 1924. no. 10.

Mitt. Biol. Reichsanst. Forst. u. Landw.

Riehm, Eduard.

Prüfung von pflanzenschussmitteln in den jahren
1921/22. Mitt. Biol. Reichsanst. Landw. u.
Forstw. 1923, no. 24. 104 p. J1. 1923.
Verzeichnis der benutzten arbeiten: p. 68-98.

Mitt. Deut. Dendrol. Ges.

Eneis, W.

Erfahrungen mit ausländischen holzarten in der
Provinz Schleswig-Holstein. Mitt. Deut. Dendrol.
Ges. 33: 133-156. illus. 1923.

Fürstenberg, Max freiherr von.

Die einföhrung einer winterharten form der
Douglastanne in Deutschland. Mitt. Deut. Dendrol.
Ges. 33: 79-90. 1923.

Goeze, Edmund.

Chinas bäume und sträucher bezüglich ihrer wirt-
schaftlichen bedeutung. Mitt. Deut. Dendrol. Ges.
33: 43-51. 1923.

Harrar,

Pinus monticola. Mitt. Deut. Dendrol. Ges.
33: 1-10. illus. 1923.

Hartwig, K. G.

Populus canadensis Moench und P. monilifera
Aiton. Mitt. Deut. Dendrol. Ges. 33: 188-192.
pl. 3-4. 1923.

Höfker, H.

Die bedeutung der kohlenensäure für den gehölz-
wuchs. Mitt. Deut. Dendrol. Ges. 33: 177-181.
1923.

Mitt. Deut. Dendrol. Ges. (cont.)

Martin, Hermann.

Berberis stenophylla Lindl., art oder bastard.

Mitt. Deut. Dendrol. Ges. 33: 192-194. 1923.

Münch, Ernst.

Anbauversuch mit Douglasfichten verschiedener herkunft und andern nadelholzarten. Mitt. Deut. Dendrol. Ges. 33: 61-79. 1923.

Münch, Ernst.

Fagus orientalis, die kaukasus-buche, im deutschen walde. Mitt. Deut. Dendrol. Ges. 33: 57-61. illus. 1923.

Pagenkopf, Bartels, C.O. & Böhlje, G. D.

Zwei wuchsformen von *Prunus serotina*. Mitt. Deut. Dendrol. Ges. 33: 54-57. 1923.

Pilger, Robert.

Ueber die nomenklatur von zwei *Araucaria*-arten, *Araucaria araucana*, *A. angustifolia*. Mitt. Deut. Dendrol. Ges. 33: 15-18. 1923.

Schwerin, Fritz graf von.

Welche form der Douglasfichte sollen wir anpflanzen. Mitt. Deut. Dendrol. Ges. 33: 90-97. 1923.

Seeger, Rudolf & Kanngiesser, Fr.

Ein beitrag zur kenntnis der lebensdauer arktischen und alpiner holzgewächse. Mitt. Deut. Dendrol. Ges. 33: 37-40. 1923.

Sprenger, Carl.

Ueber allerlei sträucher Griechenlands. I. Mitt. Deut. Dendrol. Ges. 33: 206-214. 1923.

Teuscher, Heinrich.

Dendrologische wanderung durch die White Mountains. Mitt. Deut. Dendrol. Ges. 33: 10-13. 1923.

Uphof, J. C. Th.

Der nordamerikanische sumpfwald. Mitt. Deut. Dendrol. Ges. 33: 13-15. pl. 1-2. 1923.

Valckenier-Suringar.

Ueber die nomenklatur einiger gehölzarten. Mitt. Deut. Dendrol. Ges. 33: 18-23. 1923.

Wiese, Fritz.

Die nadelhölzer Mecklenburg-Schwerins. Mitt. Deut. Dendrol. Ges. 33: 98-133. 1923.

Wolf, Egbert.

Lonicera maximowiczii Rupr. und *L. sachalinensis* Egb. Wolf. Mitt. Deut. Dendrol. Ges. 33: 35-37. 1923.

Wolf, Egbert.

Sambucus kantschatica Egb. Wolf. Mitt. Deut. Dendrol. Ges. 33: 32-34. illus. 1923.

Mitt. Deut. Dendrol. Ges. (cont.)

Wolf, Egbert.

Sambucus racemosa Linné. Mitt. Deut. Dendrol. Ges. 33:
: 24-31. illus. 1923.

Nat. Geogr. Mag.

Showalter, W. J.

Exploring the mysteries of plant life. Nat.
Geogr. Mag. 45: 581-646. illus., col. pl. i-xvi.
Je. 1924. no. 6.

Includes native and introduced plants.

Nature.

Smith, W. G.

Prof. J. E. B. Warming. Nature. 113: 683-
684. My. 10, 1924. no. 2845.

Nature Mag.

Comstock, A. B.

The giant cactus of suhara. Nature Mag. 3:
364-365. illus. Je. 1924. no. 6.

Hansen, A. A.

The daisy. Nature Mag. 3: 366-367, 380-381.
illus. Je. 1924. no. 6.

Whitley, F. E.

Friends and foes of the wild flowers. Nature
Mag. 3: 357-359, 379-380. illus. Je. 1924. no. 6.

Orchid Rev.

Dendrobiums. (concl.) Orchid Rev. 32: 132-135.
My. 1924. no. 371.

Phytopath.

Barnum, C. C.

The production of substances toxic to plants by
Penicillium expansum Link. Phytopath. 14: 238-
243. illus. My. 1924. no. 5.
References cited: p. 243.

Guba, E. F.

Phyllosticta leaf spot, fruit blotch and canker
of the apple; its etiology and control. Phytopath.
14: 234-237. pl. xii-xiii. My. 1924. no. 5.

Bibliography: p. 237.

Summary of paper not yet published.

Mix, A. J.

Biological and cultural studies of *Exoascus*
deformans. Phytopath. 14: 217-233. illus
My. 1924. no. 5.

Literature cited: p. 233.

Sideris, C. P.

Species of *Fusarium* isolated from onion roots.
Phytopath. 14: 211-216. pl. ix-xi. My. 1924. no. 5.
Literature cited: p. 216.

Papers & Proc. R. Soc. Tasmania.

Rodway, Leonard.

Description of two underground fungi. Papers &
Proc. R. Soc. Tasmania. 1923, p.108. 1924.
Hydnangium clelandi, *H. mc'elpinei*, n.s.

Rodway, Leonard.

Tasmanian Hymenogastraceae. Papers & Proc. R.
Soc. Tasmania. 1923, p.151-161. 1924.

Proc. Potato. Assoc. Amer.

Clark, C. F.

Breeding and selection. Proc. Potato Assoc.
Amer. 10: 42-45. 1924.
References cited: p. 45.

Folson, Donald.

Advances in the study of the virus diseases of
Irish potatoes in 1923. Proc. Potato Assoc. Amer.
10: 39-42. 1924.
Literature cited: p. 41-42.

Gardner, J. S.

Some observations on the control of rots con-
tracted by cut seed potatoes in cold storage. Proc.
Potato Assoc. Amer. 10: 187-190. 1924.

Graham, J. C.

Some experiments with sulphur as a control for
potato scab. Proc. Potato Assoc. Amer. 10: 161-
165. 1924.

Hardenburg, E. V.

Ecological factors affecting tuber-set in
potatoes. Proc. Potato Assoc. Amer. 10: 165-172.
1924.
Literature cited: p. 172.

Martin, W. H.

Potato scab control investigations. Proc. Potato
Assoc. Amer. 10: 127-139. 1924.

Rosa, J. T.

Effect of sulfur and acid fertilizers on scab
in California. Proc. Potato Assoc. Amer. 10: 157-
158. 1924.

Schreiner, Oswald & Brown, B. E.

Soil treatment for potato scab-control. Proc.
Potato Assoc. Amer. 10: 139-156. 1924.
Literature cited: p. 155-156.

Stuart, William.

Relation of science to the potato industry 1848
to 1923. Proc. Potato Assoc. Amer. 10: 194, 196, 198,
200, 202, 204, 206, 208, 210. 1924.

Tolaas, A. G.

Report of committee on seed potato improvement
and certification. Proc. Potato Assoc. Amer.
10: 50-75. 1924.

Weiss, Freeman.

The present status of investigation of potato wart
and a consideration of its economic importance.
Proc. Potato Assoc. Amer. 10: 31-38. 1924.

Proc. Potato Assoc. Amer. (cont.)

Weiss, Freeman & Brierley, Philip.

A summary of the present status of investigation of the parasitic diseases of the potato, with special reference to advances made in 1923. Proc. Potato Assoc. Amer. 10: 21-31. 1924.
Literature cited: p. 29-31.

Progr. Agr. & Vitic.

Rives, Louis.

Le Court-noué. (concl.) Progr. Agr. et Vitic. 81: 447-452. My.11, 1924. no. 19.

Rev. Gén. Sci.

Cuénot, L.

Jacques Loeb. Rev. Gén. Sci. 35: 225-226. Ap.30, 1924. no.8.

Rev. Hort. Algérie.

Ducomet, Vital.

Maladie de la pomme de terre en importations. Rev. Hort. Algérie. 28: 82-83. Ap. 1924. no.4.

Rev. Industry. y Agr. Tucumán.

Fawcett, G. L.

La desinfección de la caña por la calefacción. Rev. Industr. y Agr. Tucumán. 13: 205-206. Ap.-My. 1923. no. 11-12. (Rec'd My. 1924)

Fawcett, G. L.

El mosaico de la caña de azúcar. Rev. Industr. y Agr. Tucumán. 14: 5-8. illus. Je.-Jl. 1923 (Rec'd My.1924) no.1-2.

Riv. Biol.

França, Carlos.

Plantas carnívoras. Riv. Biol. 6: 161-173. illus. Mr.-Ap. 1924. no.2.

Science.

Smith, F. F.

Self-fertilization in Nicotiana. Science. 59: 461. My. 23, 1924. no.1534.

Staz. Sper. Agr. Ital.

Peyronel, Beniamino

Sopra un singolare parassita polifago: Valdensia heterodoxa n.gen. et n.sp. Staz. Sper. Agr. Ital. 56: 521-538. illus. 1923 (Red'd My 1924) no.10-12.

Svensk. Bot. Tidskr.

Arnell, H. W.

Anteckningar om Gästriklands kärlväxter. Svensk. Bot. Tidskr. 18: 85-127. 1924. no.1.

Gaunitz, D. & Gaunitz, C.B.

Bidrag till kännedom om kärlväxtfloran insorsele socken av lycksele Lappmark. Svensk Bot. Tidskr. 18: 128-140. 1924. no.1.

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

Furthermore, it is noted that the records should be kept in a secure and accessible format. Regular backups are recommended to prevent data loss in the event of a system failure or disaster.

In addition, the document outlines the process for reconciling accounts. This involves comparing the internal records with the bank statements to identify any discrepancies. Any differences should be investigated immediately to determine the cause and corrected accordingly.

The final section of this part discusses the role of the accounting department in providing financial reports to management. These reports are essential for understanding the company's financial health and making informed decisions about future operations.

The second part of the document focuses on the implementation of internal controls. These controls are designed to prevent fraud, reduce errors, and ensure the integrity of the financial data. Key areas of focus include the segregation of duties, the authorization of transactions, and the regular review of financial statements.

It is stressed that these controls should be tailored to the specific needs of the organization and should be updated as the business evolves. Training and awareness programs are also crucial to ensure that all employees understand their role in maintaining these controls.

Finally, the document concludes by highlighting the importance of ongoing monitoring and evaluation of the internal control system. Regular audits and assessments can help identify weaknesses and areas for improvement, ensuring that the system remains effective and reliable.

Svensk. Bot. Tidskr. (cont.)

Lindfors, Thore.

Studien über den entwicklungsverlauf bei einigen rostpilzen aus zytologischen und anatomischen gesichtspunkten. Svensk. Bot. Tidskr. 18: 1-84. illus., pl. i-v. 1924. no.1.

Literaturverzeichnis: p. 78-81.

U. S. Dept. Agr. Bull.

Martin, J. H. & Leighty, C. E.

Experiments with emmer, spelt, and einkorn.

U.S. Dept. Agr. Bull. 1197. pl. i-iii. F. 1924.

Literature cited: p. 57-60.

U. S. Dept. Agr. Circ.

Walker, J. C.

Cabbage-seed treatment. U. S. Dept. Agr.

Circ. 311. 4 p. illus. Ap. 1924.

Vict. Nat.

Field naturalists' club of Victoria - Plant names committee.

Census of Victorian plants. Supplement.

Vict. Nat. 40: 245. Ap. 1924. no.12.

Prescott, E. E.

Notes on the orchids of Victoria II. Vict.

Nat. 40: 238-241. Ap. 1924. no.12.

Vie. Agr. et Rur.

Malpeaux, Léopold.

Défendons nos blés contre les mauvaises herbes.

Vie Agr. et Rur. 24: 289-293. illus. My. 10, 1924.

no.19.

West. Fruit.

Zundel, G. L.

Rose diseases. West. Fruit. v.6, no.5. p.12,

20-21, illus. My. 1924.

Yearbook. Madras Dept. Agr.

Sundararaman, S.

Some of the Diplodias found in southern India.

Yearbk. Madras Agr. Dept. 1923. p.32-38. 1924.

Zeitschr. Bot.

Jost, Ludwin, & Wissmann, Heinrich.

Ueber die negativ geotropische reaktion der wurzeln. Zeitschr. Bot. 16: 177-215. 1924.

Literatur: p. 214-215.

Zeitschr. Pflanzenernähr. u. Düng. A. Wiss. Teil.

Bobko, E.

Eine neue methode der sterilen kultur höherer pflanzen. Zeitschr. Pflanzenernähr. u. Düng. A.

Wiss. Teil 3: 41-44. illus. 1924, no.1.

Schuckenberg, August.

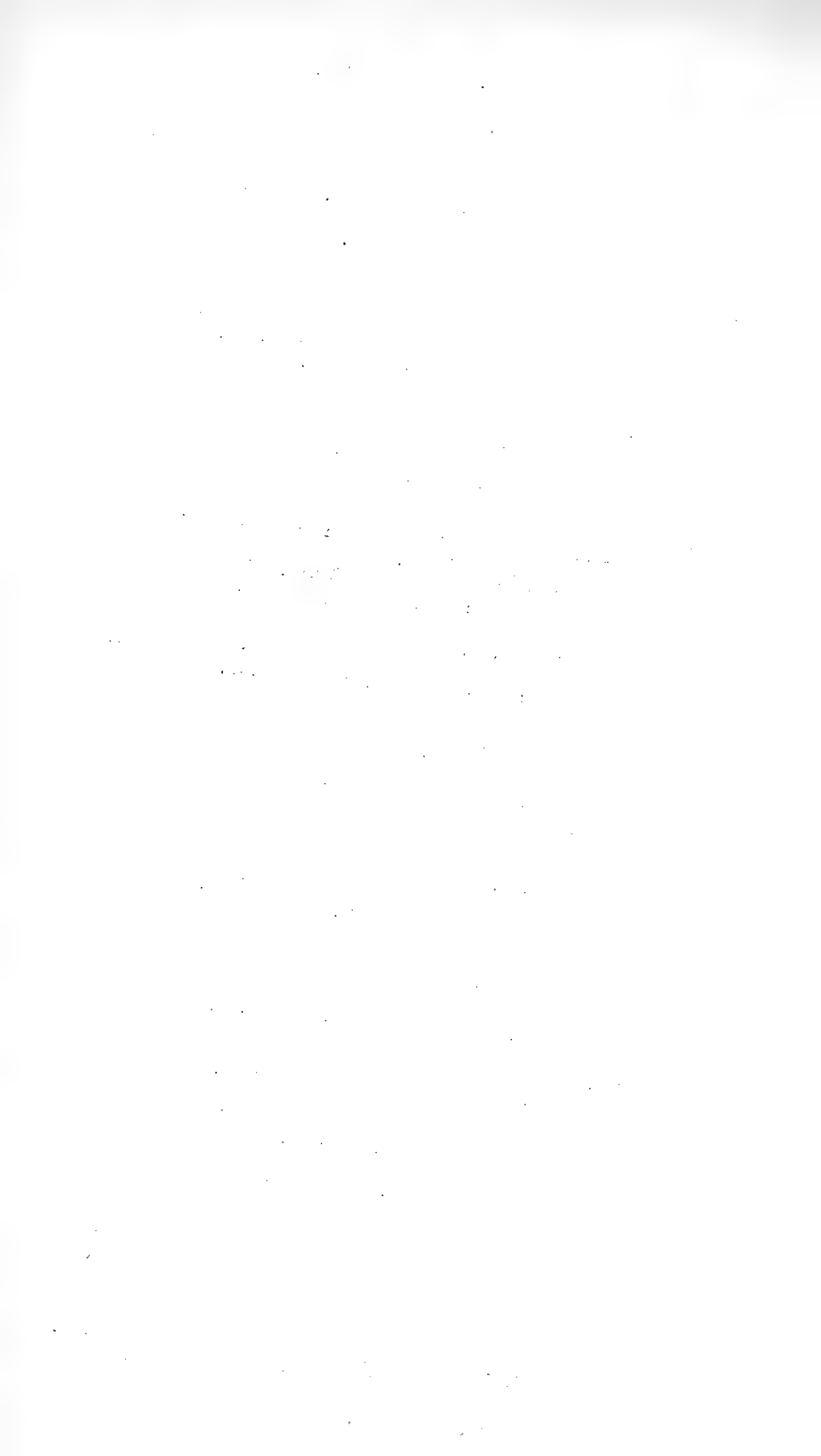
Zur kenntnis der pflanzenschädigung auf sauren böden. Zeitschr. Pflanzenernähr. u. Düng. A. Wiss.

Teil. 3: 65-90. plates. no.2. 1924.

Smirnow, Alexandra.

Die eigentümlichkeiten des stoffwechsels bei den lupinenkeimlingen in gegenwart von ammonium- und kalziumsalzen. Zeitschr. Pflanzenernähr. u. Düng.

A. Wiss. Teil. 3: 30-40. 1924. nol.



Zeitschr. Pflanzenernähr. u. Düng. Wirtsch. Prakt. Teil.
Brüne, F. & Tacke, Br.

Ueber das phosphorsäurefnis der lupine auf
heidesandboden. Zeitschr. Pflanzernähr. u.
Düng. B. Wirtsch.-Prakt. Teil. 3: 41-46. illus.
1924. no.2.

Zeitschr. Pflanzenkr.

Buchheim, Alexander.

Zur kenntnis des eichenmehltaus. Zeitschr.
Pflanzenkr. 34: 1-11. illus. 1924. no.1/2.
Literatur: p. 10-11.

Palm, B. T. & Heusser, C.

Striga lutea als schädiger des reises auf
Sumatra. Zeitschr. Pflanzenkr. 34: 11-18.
illus. 1924. no.1/2.
Literatur: p. 18.

Exper. Stat. Publ.

Doran, W. L. & Osmun, A. V.

Combating apple scab. Spraying and dusting
experiments in 1923 with summary of three years'
results. Massachusetts Agr. Exp. Stat. Bull.
219. 17 p. Ja. 1924.
Literature cited: p. 13-14.

Dosdall, Louise.

Factors influencing the pathogenicity of
Helminthosporium sativum. Minnesota Agr. Exp.
Stat. Techn. Bull. 17. 47 p. pl. i-vi. Jl.
1923 (Rec'd My. 1924)
Literature cited: p. 47.

MacInnes, Jean & Fogelman, Raymond.

Wheat scab in Minnesota. Minnesota Agr. Exp.
Stat. Techn. Bull. 18. 34 p. pl. i-ix. Ag. 1923.
(Rec'd My. 1924)
Bibliography: p. 30-32.

Stoa, T.E. & Dillman, A.C.

Flaxseed production. North Dakota Agr. Exp.
Stat. Bull. 178. 43 p. illus. Ap. 1924.
Wilt disease and flax: p. 11-19.

Waldron, L. R.

Effect of first generation hybrids upon yield of
ccorn. North Dakota Agr. Exp. Stat. Bull. 177.
16 p. illus. Ap. 1924.

Translations available in the Bur. of Plant Industry Library.

Zade, Adolf.

Experimentelle untersuchungen über die
infektion des hafers durch den hafer-flugbrand
(Ustilago avenae Jens.) (Experimental investigations
on the infection of oats by Ustilago avenae Jens.
Fühl. Landw. Zeit. 71: 393-406. N. 1922.

New Books.

Blister rust conference 9th, Boston, 1924.

Report of proceedings and recommendation.
1924.

Mimeographed.

New Books (cont.)

Morse, L.L.

Field notes on lettuce. 76 p. plates. San Francisco, 1923.

Ragionieri, Attilio.

Le roselline di Firenze. Firenze, 1923.

Ridley, H. N.

The flora of the Malay Peninsula. v.3. Apetalae. London, 1924.

Stern, Kurt.

Elektrophysiologie der pflanzen. Berlin. J. Springer 1924 (Monographie aus dem gesamtgebiet der physiologie der pflanzen und der tiere... 4. bd.)

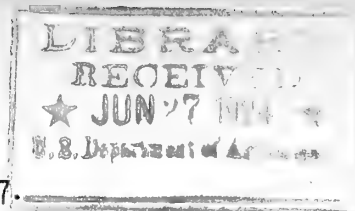
Vienna. K.K. Zoologisch-botanische gesellschaft in Wien.

Vorarbeiten zu einer pflanzengeographischen kart Oesterreichs. XII Die vegetationsverhältnisse von Retz und Znaim. Von Wolfgang Himmelbaur und Emil Stumme. (Its. Abh. v. 14, no. 2. 148 p. 1923)

Weil, Lionel.

Our native trees [1924]

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 137.
June 3-14, 1924.



Abh. Zool.-Bot. Ges. Wien.
Neumayer, Hans.

Die geschichte der blüte versuch einer zusammenfassenden beantwortung der frage nach der vergangenheit der generativen region bei den anthophyten. Abh. Zool.-Bot. Ges. Wien. 14: 1-110. pl. i-ii. 1924. no. 1.

Acta Soc. Bot. Polon.

Golinska, Jadwiga.

Sur la tubérisation des pommes de terre cultivées des boutures. Acta Soc. Bot. Polon. 2: 60-63. illus. 1924. no.1.

Index bibliographique: p. 62-63.

Heitzmanówna, Wanda.

Przyczynek do znajomości brunatnis polskiego Bałtyku. (Contribution à la connaissance des algues brunes du littoral polonais de la Baltique.) Acta Soc. Bot. Polon. 2: 66-67. 1924. no.1.

French résumé: p. 67.

Lilienfeld, F. A.

Badania nad dziedzicznością u gwoździka *Dianthus barbatus* L. (Vererbungsstudien an *Dianthus barbatus* L.) II. Acta Soc. Bot. Polon. 2: 15-43. illus. 1924. no.1.

German résumé: p. 41.43.

Motyka, Józef.

Studja nad flora porostów tatrzańskich. Część I. Porosty zebrane w dolinie Kościeliskiej. (Etudes sur la flore lichénologique du Tatra.) I- Acta Soc. Bot. Polon. 2: 44-59. 1924. no. 1.

French résumé: p. 59.

I. Lichens recueillis dans la vallée Kościeliska.

Nejdůležitější choroby a škůdcové kulturních rostlin v Čechách r. 1923. Acta Soc. Bot. Polon. 4: 44-45. My. 1924. no.2-3.

Nowiński, Marjan.

Zapiska florystyczne z południowo-wschodniego krańca kotliny Sandomierskiej. (Notices floristiques.) Acta Soc. Bot. Polon. 2: 10-14. 1924. no. 1.

Paczoski, Józef.

Cytisus skrobiszewskii n.sp. Acta Soc. Bot. Polon. 2: 64-65. 1924. no.1.

French résumé: p. 65.

Siemaszko, W.

Notatki grzyboznawczo-geograficzne. (Notices mycogéographiques.) Acta Soc. Bot. Polon. 2: 1-9. 1924. no. 1.

French résumé: p. 8-9.

Zabłocki, Jan.

Synchytrium potentillae Lagerh. na skałkach ojcowskich. (*Synchytrium potentillae* Lagerh. auf den kalkklippen bei Ojców). Acta Soc. Bot. Polon. 2: 67-68. 1924. no. 1.

German résumé: p. 68.

- Amer Bee Journ.
Lovell, J. H.
The weather and honey production. Amer. Bee
Journ. 64: 280-283. illus. Je. 1924. no.6.
- Amer. Fruit Grow. Mag.
Dutton, W. J.
Dusting and spraying peaches. Amer. Fruit Grow.
Mag. v.44, no. 6. p.4, 25, illus. Je. 1924.
- Magness, J. R.
The inside story of the apple, V. The development
of the fruit. Amer. Fruit Grow. Mag. v.44, no.6.
p.5, 13. Je. 1924.
- Amer. Journ. Sci.
Ferry, E. W.
Mesozoic plants from Patagonia. Amer. Jour. Sci.
V,7: 473-482. illus. Je. 1924. no.42.
Mylonia clarki, Ptilophyllum patagonicum,
Elatocladus palissyifolia, n.sp.
- Amer. Midl. Nat.
Holm, Theodor.
Aplos tuberosa Moench. Amer. Midl. Nat. 9:
118-136. illus. My. 1924. no.3.
Bibliography: p. 135-136.
- McFarland, F. T. & Anderson, W.A.
A new Helianthus from Kentucky. Amer. Midl.
Nat. 9: 137-141. illus. My.1924. no.3.
Helianthus kentuckiensis, n.sp.
- Ann. Bot.
Arber, Agnes.
Denae, Ruscus, and Semele: a morphological study.
Ann. Bot. 38: 229-260. illus. Ap. 1924. no.150.
Memoirs cited: p. 259-260.
- Blackburn, K. B. & Harrison, J.W.H.
A preliminary account of the chromosomes and
chromosome behaviour in the Salicaceae. Ann. Bot.
38: 361-378. illus. Ap. 1924. no. 150.
Literature cited: p. 378.
- Brown, William & Horne, A. S.
Studies of the genus Fusarium, I- Ann. Bot.
38: 379-383. Ap. 1924. no.150.
I. General account.
- Brown, W.
Two mycological methods I-II. Ann. Bot. 38:
401-404. Ap. 1924. no.150.
I. A simple method of freeing fungal cultures from
bacteria.
II. A method of isolating single strains of fungi
by cutting out a hyphal tip.
- Crown, W. B.
Some features of the envelope in Coelastrum.
Ann. Bot. 38: 298-401. illus. Ap.1924. no.150.
Literature cited: p.401.

Ann. Bot. (cont.)

Delf. E. M. & Grubb, V.M.

The spermatia of *Rhodymenia palmata*, Ag. Ann.
Bot. 38: 327-335. illus. Ap. 1924. no. 150.
References: p. 335.

Gadd, C. H.

The swimming of zoospores of *Phytophthora faberi*.
Ann. Bot. 38: 394-397. Ap. 1924. no. 150.

Horne, A.S. & Jones, G.H.

A further contribution to the morphology and
physiology of the genus *Eidamia*, Ann. Bot. 38:
351-359. illus. Ap. 1924. no. 150
Literature cited: p. 359.

Horton, W.

Note on the preparation of herbarium material
for histological study. Ann. Bot. 38: 404-405.
Ap. 1924. no. 150.

Knight, R.C.

The response of plants in soil- and in water-
culture to aeration of the roots. Ann. Bot. 38:
305-325. Ap. 1924. no. 150.
Literature cited: p. 325.

Lewis, F. J. & Dowding, E.S.

The anatomy of the buds of Coniferae. Ann.
Bot. 38: 217-228. illus. Ap. 1924. no. 150.
References: p. 228.

Light, K. E.

The ovule and the development of the female game-
tophyte of *Macrozamia fraseri*. Ann. Bot. 38:
337-349. illus., pl. x. Ap. 1924. no. 150.
Literature cited: p. 348-349.

Smith, E.P.

The effect of general anaesthetics on the res-
piration of cereals I- Ann. Bot. 38: 261-272,
Ap. 1924. no. 150.
References: p. 272.

I. Carbon dioxide production.

Smith, K. M.

On a curious effect of mosaic disease upon the
cells of the potato leaf. Ann. Bot. 38: 385-
388. illus. Ap. 1924. no. 150.

Stiles, Walter.

Evaporation in wind. A criticism of the contribu-
tion of H. Sierp and K.L. Noack to the physics of
transpiration. Ann. Bot. 38: 299-304. Ap. 1924.
no. 150.

Uphof, J. C. Th.

The physiological anatomy of *Mayaca fluviatilis*.
Ann. Bot. 38: 389-393. illus. Ap. 1924. no. 150.

Ann. Bot. (cont.)

Wood, F.M.

Contributions to an investigation of the chemical nature of the cellulose membrane. Ann. Bot. 38: 273-298. Ap. 1924. no.150.
Bibliography: p. 298.

Ann. Missouri Bot. Gard.

Beals, C. M.

An histological study of regenerative phenomena in plants. Ann. Missouri Bot. Gard. 10: 369-384. pl.15-18. N. 1923 (Rec'd June.1924) no.4.
Bibliography: p. 376-377.

Klotz, L. J.

Some aspects of nitrogen metabolism in fungi. Ann. Missouri Bot. Gard. 10: 299-368. N. 1923. (rec'd Je.1924) no.4.
Bibliography: p. 365-368.
Studies in the physiology of the fungus XVI.

Moore, G.T. & Carter, Nellie.

Algae from lakes in the northeastern part of North Dakota. Ann. Missouri Bot. Gard. 10: 393-422. pl. 21. N. 1923 (Rec'd Je. 1924) no.4.
Literature cited: p. 420-421.

Ann. R. Scuola Sup. Agr. Portici.

Trotter, Alessandro.

Intorno ad alcuni eccezionali fenomeni d' interesse morfologico e fisiologico in Aesculus e Ginkgo. Ann. R. Scuola Sup. Agr. Portici. II, v.18. 22 p. pl. 1923 (Rec'd Je.1924)

Ann. Rep. Dept. Conserv. Indiana.

Nematodes or eelworms Ann. Rep. Dept. Conserv. Indiana. 5: 32-34. 1924.

Raspberry diseases. Ann. Rep. Dept. Conserv. Indiana. 5: 34-37. 1924.

Ber. Ohara Inst. Landw. Forsch.

Kasai, Mikio.

Cultural studies with *Gibberella saubinetii* (Mont.) Sacc. which is parasitic on rice-plant. Ber. Ohara Inst. Landw. Forsch. 2: 259-272. 1923. no.3.
Literature cited: p. 271-272.

Kondo, Mantaro.

Beiträge zur kenntnis der keimungsphysiologie der reissaatkörner (*Oryza sativa*), des wachstums ihrer keimpflanzen und der beschaffenheit des reissaatbeetes. (Nawashiro). Ber. Ohara Inst. Landw. Forsch. 2: 291-359. plates. 1923. no.3.

Nisikado, Yosikazu.

Ueber die durch *Physalospora* und *Coniothyrium* verursachten krankheiten der weintraube in Japan. Ber. Ohara Inst. Landw. Forsch. 2: 273-289. 1923. no.3.
Literaturverzeichnis: p. 287-289.

Ber. Ohara Inst. Landw. Forsch. (Cont.)

Onodera, Isenosuke.

Untersuchungen über die Wirkung der Gase, welche im Reisfeld bei der Zersetzung von Genge (*Astragalus sinicus*) entstehen, auf das Wachstum der Reispflanzen. Ber. Ohara Inst. Landw. Forsch. 2: 261-331. pl. 1-9. 1925. no. 3.

Onodera, Isenosuke.

Wie kann man die schädigende Wirkung der bei der Zersetzung von Genge (*Astragalus sinicus*) entstehenden Gase auf das Wachstum der Reis-pflanze verhindern? Ber. Ohara Inst. Landw. Forsch. 2: 383-396. 1923. no. 3.

Biochem. Zeitschr.

Flury, Rudolf.

Zur Frage des Vorkommens, der autolytischen Neubildung sowie der physiologischen Bedeutung der Milchsäure in pflanzlichen Geweben. Biochem. Zeitschr. 146: 297-301. Ap. 1924. no. 3-4.

Biol. Zentralbl.

Boedyn, K.

Die Gigas- und deutergigasformen der Oenotheren. Biol. Zentralbl. 44: 127-137. illus. Ap. 15, 1924. no. 3.

Literatur: p. 136-137.

Cholodny, N.

Zur Frage nach der Wirkung des Wassers auf den anatomischen Bau der Landpflanzen. Biol. Zentralbl. 44: 138-144. Ap. 15, 1924. no. 3.

Ikeno, Seitirô.

Ueber einen Fall der mutativen Entstehung von letalen Faktoren im Pflanzenreich. Biol. Zentralbl. 44: 97-106. illus. Ap. 15, 1924. no. 3.

Bot. Közlem.

Degen, Árpád.

A "*Marrubium candidissimum* L." röl. Bot. Közlem. 20: 144-145. 1924. no. 4-6.
German résumé: p. (26)

Györfy, J.

Péterfi Márton. Bot. Közlem. 20: 128. 1924. no. 4-6.
Péterfi Márton irodalmi küldésének jegyzéke p. 126-128.
German résumé: p. (19).

Jávorka, Sándor.

A magyar flóra néhány új alakja. Bot. Közlem. 20: 149-150. 1924. no. 4-6.

Lyka, Károly.

Kritikus és új magyar *Thymus*-alakok. Bot. Közlem. 20: 145-149. 1924. no. 4-6.

Bot. Közlem. (cont.)

Mágocsy-Dietz, Sándor.

A tölgylisztharmat peritheciumainak megjelenése
hazánkban. Bot. Közlem. 20: 133-136. 1924. no.4-6.
German résumé: p. (21)-(22)

Moesz, Gusztáv von.

A tölgy magyarországi lisztharmatja. Bot.
Közlem. 20: 136-140. 1924. no.4-6.
German résumé: p. (22)-(25).

Bot. Not.

Alsterberg, Gustaf.

Die bestimmung von nitrit und nitrat mit be-
sonderer berucksichtigung hydrobiologischer ver-
hältniss. Bot. Not. 1924, p.279-283. no.3.
Litteraturverzeichnis: p. 283.

Böös, Georg.

Neue embryologische studien über Alchemilla
arvensis (L.) Scop. Bot. Not. 1924, p.209-250.
illus. no.3.
Litteraturverzeichnis: p. 249-250.

Gustafsson, C. E.

Strödda Rubusanteckningar. Bot. Not. 1924,
p.251-259. no.3.

Håkansson, Artur.

Beiträge zur zytologie eines Epilobium-bastardes.
Bot. Not. 1924, p.269-278. illus. no.3.
Litteraturverzeichnis; p.278.

Holmberg, O.R.

Nochmals Puccinellia. Bot. Not. 1924, p.299-
310. no.3.
Litteraturverzeichnis: p. 309-310.

Nilsson, Ernst

Urtica urens L. var. lanceolata n.var. und ihr
genetisches verhältnis zur gewöhnlichen Urtica
urens L. Bot. Not. 1924, p.260-268. illus.
no.3.
Zitierte litteratur: p.268.

Sjöstedt, L.G.

Till fragan om sargassohavets ursprung och
biologi. Gemåle till Professor O. Winge. Bot.
Not. 1924, p.291-298.

Winge, Ojvind.

Nogle bemaerkninger i anledning af L.G. Sjö-
stedt's betragtinger over sargassohavet. Bot.
Not. 1924, p. 284-290. no.3.

Bulet. Inform. Grad. Bot. Univ. Cluj.

Borza, Al.

Protectiunea naturii in România. Bulet. Inform.
Grad. Bot. Univ. Cluj. 4: 1-18. 1924. no.1.

Pater, Bela.

Eine beobachtung am eichenmehltau - Microsphaera
quercina Burill. Bulet. Inform. Grad.Bot. Univ.
Cluj. 4: 25-26. 1924. no. 1.

- Bull. Soc. Agriculteurs France.
Moreau, L. & Vânot, E.
La destruction des foyers d'oïdium. Bull.
Soc. Agriculteurs France. 56: 140-142. My.
1924. no. 5.
- Bull. Soc. Hist. Nat. Afr. Nord.
Maire, René.
Contribution à l'étude de la flore de l'
Afrique du nord. Bull. Soc. Hist. Nat. Afr.
Nord. 15: 95-106. illus. Nr. 15, 1924. no. 3.
- Canad. Hort.
Kelsall, A.
Potato spraying. Canad. Hort. 47: 150. Je.
1924. no. 6.
- China Journ. Sci. & Arts.
Porterfield, W.M.
Sexual dimorphism and leaf variation in Ginkgo
biloba, L. China Journ. Sci. & Arts. 2: 255-265.
illus. My. 1924. no. 3.
- Il Coltiv.
Cauda, A.
Osservazioni sul mal dell'inchiostro nel
castagno. Il Coltiv. 70: 435-437. My. 20,
1924. no. 14.
- Gabotto, Luigi.
Avremo peronospora quest'anno? Il Coltiv.
70: 433-434. My. 20, 1924. no. 14.
- Compt. Rend. Acad. Sci. Paris.
Bouget, Joseph.
De l'influence sur les végétaux d'un séjour
prolongé à haute altitude. Compt. Rend.
Sci. Paris. 178: 1748-1751. My. 19, 1924. no. 21
- Bridel, Marc. & Charaux, C.
L'orobanchine, glucoside nouveau, retiré des
tubercules de l'Orobanche rapum Thuill. Compt.
Rend. Acad. Sci. Paris. 178: 1839-1842. My. 26,
1924. no. 22.
- Bordier, H.
Influence de la diathermie sur la cellule
végétale. Conséquences biologiques. Compt. Rend.
Acad. Sci. Paris. 178: 1844-1847. My. 26, 1924.
no. 22.
- Freundler, P.
Variation de l'iode chez les *L. flexicaulis* à
l'époque de la repousse annuelle; rôle de la zone
stipo-frondale. Compt. Rend. Acad. Sci. Paris.
178: 1625-1628. My. 12, 1924. no. 20.
- Vuillemin, Paul.
Adherence entre deux feuilles ou deux folioles.
Compt. Rend. Acad. Sci. Paris. 178: 1589-1592. My. 12,
1924. no. 20.

Country Life.

Hatton, R.G.

The control of the fruit tree. Country Life.
55: 867-869. illus. My. 31, 1924. no. 1430.

Ecology.

Burkholder, W.H.

The effect of varying soil moistures on healthy
bean plants and on those infected by a root parasite.
Ecology. 5: 179-187. Ap. 1924. no. 2.
Literature cited: p. 187.

Elliott, G.R.B.

Relation between the downward penetration of
corn roots and water level in peat soil. Ecology.
5: 175-178. illus. Ap. 1924. no. 2.

Korstian, C.F.

Natural regeneration of southern white cedar.
Ecology. 5: 188-191. illus. Ap. 1924. no. 2.
Literature cited: p. 191.

Shreve, Forrest.

Soil temperature as influenced by altitude and
slope exposure. Ecology. 5: 128-136. Ap. 1924.
no. 2.

Weaver, J.E. & Crist, J.W.

Direct measurement of water loss from vegetation
without disturbing the normal structure of the soil.
Ecology. 5: 153-170. pl. iii. Ap. 1924. no. 2.
Literature cited: p. 170.

Ernähr. Pflanz.

Bekämpfung des gelbrostbefalls durch kalisalze.
Ernähr. Pflanz. 20: 75-76. My. 15, 1924. no. 10.

Hiltner, E. & Kronberger, M.

Ueber die zuführung von nähr- und heil-
stoffen durch die blätter (cont.) Ernähr.
Pflanz. 20: 73-75. illus. My. 15, 1924. no. 10.

Farm. Bull. N.S.W. Dept. Agr.

Allen, W. J.

Spraying. Farm. Bull. Dept. Agr. N.S.W.
72. 76 p. illus. 1924.

Flor. Exch.

Doran, William.

Some notes on plant diseases and their control.
Flor. Exch. 57: 1774. Je. 7, 1924. no. 23.

Howard, F. H.

First-hand facts about Rosa odorata. Flor.
Exch. 57: 1767, 1769. illus. Je. 7, 1924. no. 23.

W

Sulphur in horticulture. Flor. Exch. 57:
1774. Je. 7, 1924. no. 23.

Forstwissensch. Centralbl.

Leiningen, W. graf zu.

Ueber das tannensterben im Wienerwalde.

Forstwissensch. Centralbl. 47: 173-183. My.1924.
no.5.

Fruit World Australasia.

Brereton, W. le Gay. & Broadfoot, H.

Control of apple mildew. Valuable experiments in
New South Wales. Fruit World Australasia. 25:
248. My. 1924. no.5.

Bunchy top of bananas. Fruit World Australasia,
25: 239. My.1924. no.5.

Carne, W. M.

A new disease of citrus trees. Leaf blight is
troublesome. Fruit World Australasia. 25:
227-228. My. 1924. no.5.

Garden.

Barker, F.

Some shade-loving rock plants. Garden. 88:
383-384. illus. My.31, 1924. no.2741.

Beckett, Edwin.

Hedges. Garden. 88: 349-351. illus. My. 24,
1924. no.2740.

Cox, E.H.M.

The finer hybrid rhododendrons. Garden. 88:
368-370. illus., My.31, 1924. no.2741.

Harrow, R.L.

Two Meconopsis. Garden. 88: 360. illus.
My.24, 1924. no.2740.
M.simplicifolia, M.latifolia.

Macwatt,

Notes on Primulas. Garden. 88: 331-
332, 355-357. illus. My.17, 24, 1924. no.2739,
2740.

Meade-King, W.O.E.

Mistletoe on a rose tree. Garden. 88: 343.
illus. My.17, 1924. no.2739.
See also Garden 88: 389. My.31,1924.

Wilson, E.H.

Rare and noteworthy plants. Garden. 88: 333,
373-374. illus. My. 17, 31, 1924.
Cornus officinalis, Forsythia ovata, Cercidi-
phyllum.

Gard. Chron.

Friend, Hilderic.

Garden-craft in the Canticles.I- Gard.Chron.
III, 75: 318. My.31, 1924. no.1953.

Jordan, F.

Vine mildew. Gard. Chron. III, 75: 292.
My.17, 1924. no.1951.

Gard.Chron. (cont.)

Keeble, Frederick.

The plant commonwealth and its mode of government (cont.) Gard. Chron. III, 75: 251, 307. My.17, 24, 1924. no.1951-52.

Savage, S.

Plant-lore in an Old Latin dictionary. Gard. Chron. III, 75: 304. My.24, 1924. no.1952.

Ward, F.K.

Mr. F.Kingdon Ward's eighth expedition in Asia. II. In the Sikkim jungle. Gard. Chron. III, 75: 288-289. My.17, 1924. no.1951.

Ward, F. K.

Rhododendrons. (cont.) Gard.Chron. III, 75: 306. My.24, 1924. no.1952.

Gard.Illus.

Pilkington, G.L.

Tall bearded Irises.I-II. Gard. Illus. 46: 304-305, 326. My.24, 31, 1924.

Hacienda.

Coons, G.H.

El tizón hediondo del trigo. Hacienda. 19: 188-189. illus. Je. 1924. no.6.

Fawcett, G.L.

La enfermedad de las raíces en la caña de azúcar. Hacienda. 19: 174-175. illus. Je. 1924. no.6.

Young, R.A.

El cultivo del ñame. Hacienda. 19: 181-185. illus. Je. 1924. no.6.

Hereditas.

Baaschuus-Jessen, J.

Some remarks on the principles of inbreeding. Hereditas. 5: 231-240. 1924. no.2.
Literature cited: p.240.

Dahlgren, K.V.O.

Kreuzungskleinigkeiten versuche mit Capsella bursa pastoris, Lactuca muralis, Fagopyrum emarginatum, Geranium robertianum, Geum rivale, Dracocephalum thymiflorum und Nicandra physaloides. Hereditas. 5: 222-230. illus. 1924. no.2.

Zitierte literatur: p.229-230.

Heilborn, O.

Chromosome numbers and dimensions, species-formation and phylogeny in the genus Carex. Hereditas. 5: 129-216. illus., pl.i. 1924. no.2.

Literature cited: p. 212-216.

Kajanus, Birger.

Ueber eine eigenartige ähren-anomalie bei weizen. Hereditas. 5: 217-221. illus. 1924. no.2.

Zitierte literatur: p. 221.

House and Garden.

Durand, Herbert.

Native plants for garden and grounds. House & Gard. v.45, no.6. p.36-37, 100, 102. illus. Je. 1924.

Wilson, E.H.

Wild roses for the garden. House & Gard. v.45, no 6. p.66-67, 130, 132, 134. illus. Je. 1924.

Illus. Landw. Zeit.

Mütterlein,

Kartoffelkeimprüfung. (cont.) Illus. Landw. Zeit. 44: 180. My. 9, 1924. no. 19.

Ital. Agr.

Razzetti, Carlo.

Pioppete delle golene del Po. Ital. Agr. 61: 217-224. illus. My.15, 1924. no.5.

Venerosi, N.

La quercia da sughero. Ital. Agr. 61: 243-251. illus. My.15, 1924. no.5.

Japanese Journ. Bot.

Ikeno, Seitiro.

Nachträge zu meiner angabe über Plantago contorta. Japanese Journ. Bot. 2: 39-43. 1924. no.1.

Ikeno, Seitiro.

Studien über die vererbung der blütenfarbe bei Portulaca grandiflora II, Japanese Journ. Bot. 2: 45-62. 1924. no.1.

Nagai, Isaburo.

Observations on the somatic segregation in soy beans. Japanese Journ. Bot. 2: 63-70. 1924. no. 1.

Literature cited: p.70.

Nohara, Sigeroku.

Experimental studies on pollen of some Salix. Japanese Journ. Bot. 2: 1-33. illus., pl.i-ii. 1924. no.1.

Literature cited: p.32.

Suematu, Naozi.

Ueber eine Botrytiskrankheit der erdnuss (Arachis hypogaea L.) Japanese Journ. Bot. 2: 35-38. pl. iii-iv. 1924. no.1.

Literaturverzeichnis: p. 38.

Journ. Agr. Prat.

Mottet, Seraphim,

Les légumineuses fourragères. Journ. Agr. Prat. 41: 418-420. col.pl. My.24, 1924. no.21.

Rigotard, Laurent.

Le parasites du noyer. Journ. Agr. Prat. 41: 375-376. My.10, 1924. no.19.

Armillaria root rot & various insects.

Journ. Agr. Res.

Brown, N.A.

An apple stem-tumor not crown gall. Journ.
Agr. Res. 27: 695-698. pl.1-3. Mr.1, 1924 (Rec'd
Je.) no.9.

Dodge, B. O.

Aecidiospore discharge as related to the
character of the spore wall. Journ. Agr. Res.
27: 749-756. illus. Mr. 8, 1924 (Rec'd Je.) no.10.
Literature cited: p.756.

Hurd, A. M.

The course of acidity changes during the growth
period of wheat with special reference to stem-rust
resistance. Journ. Agr. Res. 27: 725-735. Mr.8,
1924 (Rec'd Je.) no.10.
Literature cited: p. 735.

Longley, A.E. & Darrow, G.M.

Cytological studies of diploid and polyploid
forms in raspberries. Journ. Agr. Res. 27: 737-
748. pl.1-3. Mr.8, 1924. (Rec'd Je.) no.10.
Literature cited: p.747-748.

Miller, E.C.

Daily variation of the carbohydrates in the
leaves of corn and the sorghums. Journ. Agr. Res.
27: 785-808. Mr.8, 1924 (Rec'd Je.) no.10.
Literature cited: p.807-808.

Pinckney, R.M.

Effect of nitrate applications upon the hydro-
cyanic-acid content of sorghum. Journ. Agr. Res.
27: 717-723. Mr.8, 1924. (Rec'd Je.) no.10.

Roberts, J.W.

Morphological characters of *Alternaria mali*
Roberts. Journ. Agr. Res. 27: 699-708. pl.1-
2. Mr.1, 1924 (Rec'd Je.) no.9.
Literature cited: p.707-708.

Weston, W.H.

Nocturnal production of conidia by *Sclerospora*
graminicola. Journ. Agr. Res. 27: 771-784.
illus., pl.1-2. Mr.8, 1924 (Rec'd Je.) no.10
Literature cited: p. 783-784.

Journ. Bot. Soc. So. Afr.

Compton, R.H.

The ferns of Kirstenbosch. Journ. Bot. Soc.
So. Africa. pt.10. p.19-26. 1924.

Duthie, A.V.

South African mycetoza. Journ. Bot. Soc.
So. Africa. pt.10. p.7-11, pl.1924.

Levyms, M.R.

Notes on the family Rutaceae. Journ. Bot.
Soc. So. Africa. pt.10. p.29-31. pl. 1924.

1870

...

...

...

...

...

...

...

...

...

...

...

...

Journ. Bot.Soc.Sc.Afr. (cont.)

Mathews, J.W.

Cultivation of South African ferns. Journ.
Bot. Soc. So.Africa. pt. 10. p.26-29. 1924.

Journ. Dept. Agr. So.Australia.

Samuel, Geoffrey.

A pear tree canker. Journ. Dept. Agr. So.
Australia. 27: 880-884. illus. Ap. 1924. no.9.
Fungus undetermined, may be *Coniothecium chomatospo-*
porum.

Journ. Dept. Agr. Victoria.

Richardson, A.E.V.

Treatment of wheat for smut. Use of powdered
copper carbonate and powdered copper sulphate for
control of smut. Journ. Dept. Agr. Victoria.
22: 224-230. Ap. 1924. no.4.

Journ. Frankl. Inst.

Leffmann, Henry.

Hydrogen-ion concentration in relation to
animal and plant growth. Journ. Franklin Inst.
197: 741-756. illus. Je. 1924. no.6.

Journ. Genetics.

Crow, W. B.

Variation and hybridization in Isokontae and
Akontae in relation to classification. Journ.
Genetics. 14: 115-128. Ap. 1924. no.1.
Literature cited: p.127-128.

Engledow, F.L.

Inheritance in barley. III. The awn and
lateral floret (cont.): fluctuation: a linkage:
multiple allelomorphs. Journ. Genetics.
14: 49-87. illus. Ap. 1924. no.1.
Bibliography: p. 86-87.

Hein, S.A.A.

Studies on variation in the mealworm, *Tenebrio*
molitor, II. Variations in tarsi and antennae. Journ.
Genetics. 14: 1-38. illus. Ap. 1924. no.1.
Literature: p.38.

Parkes, A.S.

Studies on the sex-ratio and related phenomena,
II. The influence of the age of the mother on the sex-
ratio in man. Journ. Genetics. 14: 39-47.
Ap. 1924. no.1.
Bibliography: p.46-47.

Fox, H.M.

Note on Kammerer's experiments with *Ciona* con-
cerning the inheritance of an acquired character.
Journ. Genetics. 14: 89-91. pl. i. Ap. 1924.
no.1.

Frederikse, A.M.

Rudimentary parthenogenesis in *Tenebrio molitor*
L. Journ. Genetics. 14: 93-100. illus.,
pl.ii. Ap.1924. no.1.

Journ. Genetics (cont.)

Saunders, E. R.

Further studies on inheritance in *Matthiola incana* I- Journ. Genetics. 14: 101-114. Ap. 1924. no.1.

List of references to the earlier work: p. 114.
I. Sap. colour and surface character.

Journ. Indian Bot. Soc.

Agharkar, S. P.

On the abnormalities of the flowers of *Musa superba* and *Musa paradisiaca* subsp. *sapientum*. Journ. Indian Bot. Soc. 4: 18-20. pl. F. 1924. (rec'd Je.) no. 1.

Ekambaram, T.

On the mechanism of the bladders of *Utricularia*. Journ. Indian Bot. Soc. 4: 73-74. My. 1924. no.2.

Furtado, C.X.

Short-cuts to nectaries by *Xylocopas*. Journ. Indian Bot. Soc. 4: 28-29. F. 1924. (rec'd Je.) no.1.

Patvardhan, G.B.

On *Loranthus* on *Eucalyptus* in Poona. Journ. Indian Bot. Soc. 4: 71-72. pl. My. 1924. no.2.

Petch, Thomas.

Monotospora oryzae B. & Br. Journ. Indian Bot. Soc. 4: 21-24. F. 1924 (Rec'd Je.) no.1.

Sabnis, T.S.

The flora of Sind (cont.) Journ. Indian Bot. Soc. 4: 25-27, 50-70. F., My. 1924. no.1, 2.

Journ. N.Y. Bot. Gard.

Britton, N. L.

Descriptive flora of Porto Rico and the Virgin Islands. Journ. N.Y. Bot. Gard. 25: 129-135. My. 1924. no.293.

Howe, M. A.

Starch-bearing plants. Journ. N.Y. Bot. Gard. 25: 135-142. My. 1924. no.293.

Murrill, W. A.

Botanical features of Lake Placid. Journ. N.Y. Bot. Gard. 25: 142-145. My. 1924. no.293.

Journ. Wash. Acad. Sci.

Standley, P. C.

New species of plants from Salvador. IV. Journ. Wash. Acad. Sci. 14: 238-247. Je. 1924. no. 11.

Landtm. Tids. Landtm.

Klumprotsjukans bekämpande. Landtm. Tids. Landtm. 7: 412-413. illus. My. 31, 1924. no.22.

A Lavoura.

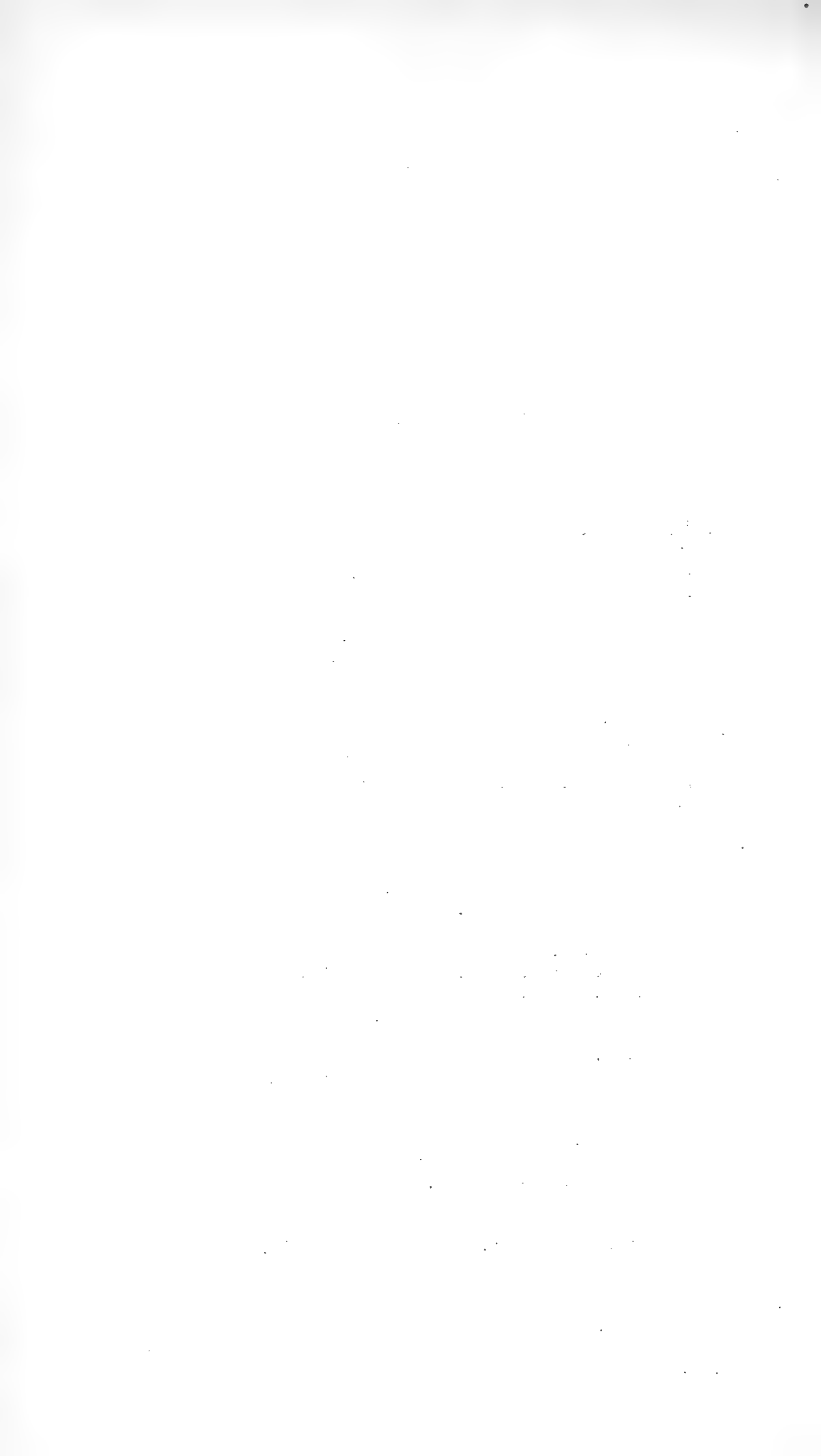
Rolfs, P. H.

A *Chaulmoogra* onde e come se deve plantar-a. A. Lavoura. 28: 93-99. illus. Mr. 1924. no.3.

- Louisiana Plant,
Hind, R. R.
The "hole" system of planting and seed germination. Louisiana Plant. 72: 452-454. illus. Je. 7, 1924. no. 23.
- Mem. Bot. Surv. So. Africa.
Doilge, E. M.
A preliminary check list of plant diseases occurring in South Africa. Mem. Bot. Surv. So. Africa. no. 6. 56 p. 1924.
- Misc. Publ. Scotland Bd. Agr.
Scotland. Board of agriculture.
... List of names of the varieties of the potato known to have been grown or tested in Great Britain together with their synonyms. Its Misc. Publ. 4. 50 p. 1924.
- Missouri Bot. Gard. Bull.
Forcing peaches and nectarines. Missouri Bot. Gard. Bull. 12: 57-61. pl. 12-13. My. 1924. no. 5.

The maidenhair tree. Missouri Bot. Gard. Bull. 12: 64-65. pl. 14. My. 1924. no. 5.
Ginkgo biloba.
- Mitt. Deut. Landw. Ges.
Staudinger,
Zur bekämpfung des kartoffelkrebsses. Mitt. Deut. Landw. Ges. 39: 373-374. My. 17, 1924. no. 20.
- Mycologia.
Bisby, G. R.
Fungi from central Manitoba. Mycologia. 16: 122-129. My. 1924. no. 3.

Fitzpatrick, H. M.
The genus *Fracchiæa*. Mycologia. 16: 101-114. pl. 10. My. 1924. no. 3.
Literature cited: p. 113-114. .
- Murrill, W. A.
Kashmir fungi. Mycologia. 16: 133. My. 1924, no. 3.
- Rowlee, Silence.
A collection of Costa Rican fungi. Mycologia. 16: 115-121. pl. 11-12. My. 1924. no. 3.
- Tehon, L. R.
Marasmius on wheat. Mycologia. 16: 132-133. My. 1924. no. 3.
- Nature.
Grandidier, G.
Prince Roland Bonaparte. Nature. 113: 755. My. 24, 1924. no. 2847.



Naturwissenschaften.

Herbst, Curt.

Jacques Loeb. Ein kurzer ueberblick über sein
Lebenswerk. Naturwissenschaften. 12: 397-406.
My.23, 1924. no.21.

Die hauptsächlichen, selbständig erschienenen
schriften von Jacques Loeb: p. 406.

New Jersey Agr.

Fiske, J. G.

Some methods of eliminating poison ivy. Either
grubbing or use of chemicals is effective. New
Jersey Agr. v.6, no.6. p.4, 15. illus. Je. 1924.

Poole, R. F.

Disease control important to sweet potato industry.
New Jersey Agr. v.6, no.6. p.16. Je. 1924.

Ochrana Rostlin.

Smolák, Jaroslav.

Préhled nutné ochrany v zanedbaných ovocných
sadech. Ochrana Rostlin. 4: 38-40. My. 1924.
no.2-3.

Tomsa, Karel.

Významné choroby pärenistních rostlin.
Ochrana Rostlin. 4: 35-37. illus. My. 1924.
no.2-3.

Pharm. Journ.

Adan, J. W.

Bookstalling for botanists II. Pharm. Journ.
112: 529-530. My.17, 1924. no.3161.

Pharm. Weekbl.

Graaff, W.C. de,

Aloe en aloecultuur op de Nederlandsch West-
Indische eilanden en over eenige andere plantaardige
afvoermiddelen. Pharm. Weekbl. 61: 596-604.
My.31, 1924. no.22.

Van Laren, A. J.

Geneeskruidenteelt als zaak van algemeen belang,
en de beteekenis van wetenschappelijke voorlichting
ten bate daarvan. Pharm. Weekbl. 61: 578-596.
plates (part col.) My.31, 1924. no.22.

Philipp. Agr. Rev.

Espino, R. B.

Character and usefulness of fibers from petioles
of Buri palm with measurements of the tensile strength
of the fibers. Philipp. Agr. Rev. 16: 287-297.
pl. xxi-xxvi. 1923. no.4.
Bibliography: p. 297.

Quisumbing, Eduardo.

General characters of some Philippine weed seeds.
Philipp. Agr. Rev. 16: 298-351. pl.xxvii-xxx.
1923. no.4.
Bibliography: p. 347-349.

Teodoro, N. G.

A study of a Macrosporium disease of onions.
Philipp. Agr. Rev. 16: 233-275. pl.i-xx. 1923.
no.4.

Literature cited: p. 275.



Pomol. Franç.

Chiffлот, Jean.

La désinfection du sol en arboriculture fruitière.
Pomol. Franç. 1923, p.231-233. D.1923 (rec'd Je.
1924) no.12.

Portland Roses & Flow.

Currey, J. A.

Stem wilt in roses. Portland Roses & Flow.
v.3, no.10. p. 4. My. 1924.
Cause not given, "wood of affected plants found to
be full of bacteria and healthy plants inoculated with
this bacteria developed the disease."

Progr. Agr. & Vitic.

Chappaz, Georges.

Le court-noué. Progr. Agr. et Vitic. 81:
469-474. My.18, 1924. no.20.

Publ. Univ. Leeds & Yorkshire Counc. Agr. Educ.

Crown rot of rhubarb. Publ. Univ. Leeds &
Yorkshire Counc. Agr. Educ. 134. 28 p. illus.
(part.col.) Mr.1924.

Rec. Trav. Bot. Néerl.

Beekman, W. L.

Ueber die torsion des stengels von Psilotum
bernhardi, beiträge zur kenntnis der autonomen
bewegungen. Rec. Trav. Bot. Néerl. 21: 1-110.
illus., pl. 1924. no.1/2.
Literaturverzeichnis: p. 109.

Posthumus, O.

On some principles of stelar morphology. Rec.
Trav. Bot. Néerl. 21: 111-296. illus. 1924.
no. 1/2.
List of litterature: p. 282-295.

Rep. Conn. Veg. Grow. Assoc.

Clinton, G. P.

Diseases of Connecticut vegetables in 1923.
Rep. Conn. Veg. Grow. Assoc. 1923: 45-49. 1923.

Rev. Agr. Ile Maurice.

Shepherd, E. F. S.

Le charbon de la canne à sucre. Rev. Agr. Ile
Maurice. no.14. p.107-108. Mr.-Ap. 1924.

Rev. Bot. Appl.

Chevalier, Auguste.

Sur la production de la gomme arabique en Afrique
occidentale française. Rev. Bot. Appl. 4: 256-263.
Ap.30, 1924. no.32.

Chevalier, Auguste.

Sur un palmier-roseau exploité en Indochine.
Rev. Bot. Appl. 4: 272-274. Ap.30, 1924. no.32.
Rhapis cochinchinensis.

Rev. Hort.

- Lesourd, Félicien.
Le centenaire de Hardy. Rev. Hort. 96:
101-102. port. My.16, 1924. no.5.
- Lesourd, Félicien.
Mort de M. Jules Nanot. Rev. Hort. 96:
99-100. port. My.16, 1924. no.5.

Rev. Mus La Plata.

- Manganaro, Ana.
Caracteres histológicos genéricos y específicos
de las leguminosas bonaerenses, extrabonaerenses y
exóticas. Rev. Mus. La Plata. 27: 221-252. pl.
i-li., A-E. 1923.

Rev. Path. Comp.

- Magrou, Joseph.
Recherches expérimentales sur le cancer des
plantes. Rev. Path. Comp. 24: 280-286. Ap.
1924. no.251.

Rhodora.

- New England botanical club.
Reports on the flora of the Boston district,
XLV. Rhodora. 26: 82-88. Ap. 1924. no.304.
- Penland, C. W.
Notes on North American Scutellarias. Rhodora.
26: 61-79. pl.140-141. Ap. 1924. no.304.
- Sanford, S. N. F.
Hibiscus oculiroseus in Rhode Island. Rhodora.
26: 88. Ap. 1924. no.304.
- Weatherby, C. A.
A new Satureja from Florida. Rhodora. 26:
80-81. Ap. 1924. no.304.
Satureja ashei, n.sp.

Science.

- Spoehr, H. A. & McGee, J. M.
Absorption of carbon dioxide the first step in
photosynthesis. Science. 59: 513-514. Je.6,
1924, no.1536.

Scient. Agr.

- Jackson, V. W.
Vegetational succession in the Red River basin.
Scient. Agr. 4: 301-307. Je. 1924. no.10.
Bibliography: p.307.
- Robinson, S. C.
The recovery of potash from kelp. A review,
Scient. Agr. 4: 314-321. Je. 1924. no.10.
References: p. 321.

Sitzungsb. Naturf. Ges. Dorpat.

- Lippmaa, Theodor.
Untersuchungen über anthocyanine und karotine.
I- Sitzungsb. Naturf. Ges. Dorpat. 30: 98-111.
1924. no.3-4.
Verzeichnis der benutzten literatur: p. 108-111.
I. Ueber den parallelismus im auftreten der karo-
tine und anthocyanine in vegetativen pflanzengenen.

Sitzungsb. Naturf. Ges. Dorpat. (cont.)

Thomson, Paul.

Zur frage der regionalen verbreitung und entstehung der gehölzwiesen und alvartriften in Nord-Estland. Sitzungsb. Naturf. Ges. Dorpat. 30: 45-53. 1924. no.3-4.

Soil Sci.

Waksman, S. A. & Starkey, R. L.

Influence of organic matter upon the development of fungi, actinomycetes and bacteria in the soil. Soil Sci. 17: 373-378. My. 1924. no.5. References: p. 378.

So. African Sugar Journ.

Mosaic disease in Natal. Important communications from world's experts. So. African Sugar Journ. 8: 269-271. Ap. 1924. no.4.

By H. Tempany, F.S. Earle, E.W. Brandes.

Succulenta.

Dingemans Wierts, A. G. C.

Over de cactussen van Curaçao. Succulenta. 6: 77-81. illus. My.29, 1924. no.5.

Sugar News.

Pritchett, G. H.

Points from cane affected with mosaic disease versus points from healthy cane at Hacienda Soledad owned by Mr. Jose Yusay. Sugar News. 5: 243-247. My. 1924. no.5.

Tidsskr. Planteavl.

Gram, Ernst. & Rostrup, Sofie.

Oversigt over sygdomme hos landbrugets og havebrugets kulturplanter i 1923. Tidsskr. Planteavl. 30: 361-414. 1924. no.3.

English summary (Plant diseases and pests in Denmark, 1923): p.412-414.

Trav. Inst. Phytopath. Ecole Sup. Agr. Warsaw.

Siemaszko, Wincenty.

Badania mykologiczne w górach Kaukazu (Recherches mycologiques dans les montagnes du Caucase) Trav. Inst. Phytopath. Ecole Sup. Agr. Warsaw. no.1. 57 p. 1923.

U.S. Dept. Agr. Circ.

Swingle, W.T., Robinson, T.R. & May, Eugene.

The solar propagating frame for rooting citrus and other subtropical plants. U.S. Dept. Agr. Circ. 310. 13 p. illus. My. 1924.

Valley Farm. & Citrus Grow.

Del Curto, J.M.

Cantaloupes are worth fighting for. Valley Farm, & Citrus Grow. v.2, no.3. p.5, 20, 21. My. 1924.

Vie Agr et Rur.

Durand, A.

Notes viticoles. Vie Agr et Rur. 24: 331. My.21, 1924. no.21.

Traitements.. contre les champignons nuisibles aux vignobles.

Wisconsin Hort.

Walker, J. C.

Resistant varieties and disease-free seed save
cabbage industry. Wisconsin Hort. 14: 117-118, 122.
illus. Ap. 1924. no.8.

Zeitschr. Bot.

Reiche, Hildegard.

Ueber Auslösung von Zellteilungen durch Injektion
von Gewebesäften und Zelltrümmern. Zeitschr. Bot.
16: 241-273. pl. iii. 1924. no.5.
Literaturverzeichnis: p. 277-278.

Exper. Stat. Publ.

Flint, C. L.

Marketable California decorative greens. Cali-
fornia Agr. Exp. Stat. Circ. 275. 15 p. illus.
F. 1924 (Rec'd Je.)

Brunson, A.M.

The inheritance of a lethal pale green seedling
character in maize. Cornell Univ. Agr. Exp. Stat.
Mem. 22. p. pl. i. Ja. 1924 (Rec'd Je.)
References cited: p. 21-22.

Heinicke, A. J.

Catalase activity in dormant apple twigs: its
relation to the condition of the tissue, respiration,
and other factors. Cornell Univ. Agr. Exp. Stat.
Mem. 74. 33 p. Mr. 1924 (Rec'd Je.)
References cited: p. 33.

Reddick, Donald. & Stewart, V.B.

Crown-gall of apple and peach with notes on the
biology of *Bacterium tumefaciens*. Cornell Univ. Agr.
Exp. Stat. Mem. 73. 19 p. illus., pl. i-ii. Mr.
1924 (Rec'd Je.)

Edgerton, C. W.

"Dry rot" in buildings and building material.
Louisiana Agr. Exp. Stat. Bull. 190. 12 p. illus.
Ap. 1924.

Literature on dry rot: p. 11-12.

Jehle, R.A. & Cory, E. N.

Spraying experiments for the control of diseases
and insects of the apple. Maryland Agr. Exp. Stat.
Bull. 262. p.157-168. Mr. 1923 (Rec'd My. 1924)

Klotz, L. J.

A study of the early blight fungus, *Cercospora*
apii Fres. Michigan Agr. Exp. Stat. Techn. Bull.
63. 43 p. illus. N.1923 (Rec'd My. 1924)

Bibliography: p. 33-34.

Studies on Michigan celery diseases II. Under
the direction of G.H. Coons.

Lewis, E. P.

Diseases. In His Tomato growing in Michigan.
Michigan Agr. Exp. Stat. Special Bull. 131. p.11-13.
illus. Mr. 1924 (Rec'd My.)

Leaf spot, Blossom end rot, Mosaic.

Exper. Stat. Publ. (cont.)

Cook, M. T.

Report of the Department of Plant pathology...for
the year ending June 30, 1922. Preprinted from Ann.
Rep. New Jersey Agr. Coll. Exp. Stat. 43: 537-600.
plates. 1923.

Cook, M. T.

Diseases of the year, 1921. In his Rep. Dept.
Plant Path. New Jersey Agr. Exp. Stat. 1921/22. p.541-
547. 1923.

Fant, G. W.

The brown rot canker and twig blight of the peach.
Rep. Dept. Plant Path. New Jersey Agr. Exp. Stat. 1921/22.
p.547-548. 1923.

Fant, G. W.

Spraying experiment for control of pear leaf and
fruit spot. Rep. Dept. Plant Path. New Jersey Agr.
Exp. Stat. 1921/22. p.548-551 1923.

Fant, G.W.

Spray vs. dust in controlling the diseases of
apples. Rep. Dept. Plant Path. New Jersey Agr. Exp.
Stat. 1921/22. p.551-553. 1923.

Poole, R.F.

Studies of sweet potato diseases. Rep. Dept. Plant
Path. New Jersey Agr. Exp. Stat. 1921/22. p.554-560.
1923.

Poole, R.F.

Investigation of the horse-radish root rot. Rep.
Dept. Plant Path. New Jersey Agr. Exp. Stat. 1921/22.
p.560-561. 1923.

Poole, R.F.

Tomato spraying and dusting experiments at Riverton.
Rep. Plant Path. New Jersey Agr. Exp. Stat. 1921/22. p.561-
565. 1923.

Poole, R.F.

A new fruit rot of tomato. Rep. Plant Path. New
Jersey Agr. Exp. Stat. 1921/22. p.566. 1923.
Full paper publ. in Bot.Gas. v.74.

Poole, R.F.

Celery mosaic. Rep. Plant Path. New Jersey Agr.
Exp. Stat. 1921/22. p.567-568. pl. 1923.
Publ. in full in Phytopath. v.12.

Haenseler, C.M.

A new peach wilt disease. Rep. Plant Path. New
Jersey Agr. Exp. Stat. 1921/22. p.568. 1923.
Same as abstract in Phytopath. v.12.

Moore, W.D.

Spraying experiment for the control of the cherry
leaf spot (*Cylindrosporium padi* Karst.) Rep. Plant
Path. New Jersey Agr. Exp. Stat. 1921/22. p.569-572.
2 pl. 1923.

Exper. Stat. Publ. (cont.)

Moore, W.D.

The root and stem rot of the pea. Plant Path.
New Jersey Agr. Exp. Stat. 1921/22. p.572-573. 1923.

Martin, W. H.

Potato spraying and dusting tests in 1921.
Rep. Plant Path. New Jersey Agr. Exp. Stat. 1921/22.
p.574-580. 1923.

Martin, W. H.

Experiments with sulfur for the control of potato
scab, summary of 1921 results. Rep. Plant Path. New
Jersey Agr. Exp. Stat. 1921/22. p. 582-595. 1923.

Martin, W. H.

The influence of the source of nitrogen on the pre-
valence of potato scab. Rep. Plant Path. New Jersey
Agr. Exp. Stat. 1921/22. p.596-599. 1923.

Martin, W. H.

The relative vigor of tubers for seed purposes
from sprayed and unsprayed plants. Rep. Plant Path.
New Jersey Agr. Exp. Stat. 1921/22. p.600. 1923.

Gloyer, W.O. & Glasgow, Hugh.

Cabbage seedbed diseases and Delphinium root rots:
their relation to certain methods of cabbage maggot
control. New York Agr. Exp. Stat. Bull. 513. 38 p.
vi pl. F.1924 (Rec'd June.)

Literature cited: p. 35-38.

Tukey, H. B.

Studies of fruit seed storage and germination.
New York Agr. Exp. Stat. Bull. 509. 19 p. Ja. 1924
(Rec'd Je.)

Williams, C.F.

Hybridization of *Vitis rotundifolia*. Inheritance
of anatomical stem characters. North Carolina Agr.
Exp. Stat. Techn. Bull. 23. 31 p. illus. pl.
Je. 1923 (Rec'd My. 1924.

"Bibliography": p. 16.

Schneiderhan, F.J. & Fromme, F.D.

Apple scab and its control in Virginia. Virginia
Agr. Exp. Stat. Bull. 236. 29 p. illus. Mr. 1924
(Rec'd Je.)

Jones, L.K.

Anthracoise of cane fruits and its control on
black raspberries in Wisconsin. Wisconsin Agr. Exp.
Stat. Res. Bull. 50. 26 p. pl.i-viii. My. 1924.

Literature cited: p. 25-26.

State Publications.

Bemis, Kris.

Seed potato improvement methods in Michigan. Bull.
New Jersey Dept. Agr. 39. p.210-213. Mr. 1924.

Martin, W. H.

Report of ... plant pathologist. ¹⁹²³ In Off. Proc. 9th.
Ann. State Agr. Conv. Ja. 1924. Bull. New Jersey Dept. Agr.
38. p. 113-116. F. 1924.

Martin, W. H.

Results of experimental work in 1923. Bull. New
Jersey Dept. Agr. 39. p.156-163. Mr. 1924.

Perry, F.R.

Seed potato improvement methods in New York.
Bull. New Jersey Dept. Agr. 39. p.205-209. Mr. 1924.

New Books.

American Association of nurserymen.

The crown gall resolution. Louisiana, Missouri,
1924.

41 p. illus. 22 cm.

Beccari, Odoardo.

Palme della tribù Borasseae. Fasc.I. Firenze,
1924.

Coker, W.C.

The clavarias of the United States and Canada.
Chapel Hill, N.C., 1923.

Hegi, Gustav.

Illustrierte flora von Mittel-Europa. Mit beson-
derer berücksichtigung von Deutschland, Oesterreich
und der Schweiz... v.4, München, 1923?

Jepson, W.L.

A flora of the economic plants of California.
Berkeley, Mr. 1924.

Marret, L., Beauverd, G. & Correvon, H.

Icones florae alpinae plantarum. 3d serie.
69 pl. Paris, 1924.

Menzies, Archibald.

Menzies' Journal of Vancouver's voyage, April to
Oct. 1792. Ed. with botanical and ethnological notes
by C.F. Newcombe, and a biographical note by J.
Forsyth. Victoria, B.C., 1923.

Noter, Raphaël de.

Légumes et fruits des cinq parties du monde. II.
Les fruits. 136 p. illus. Paris, 1923.

Sartory, A. & Maire, L.

Compendium hymenomycetum. Fasc. 17-18. 1923.
Amanita.

Société national d'horticulture de France -- Com-
mission des iris.

Les iris cultivées. Paris, 1923.

New Books (cont.)

Urban, Ignatz.

Symbolae antillanae. v.9, p.177-272. Mr.
1924.

Urban, I. Plantae cubenses novae vel rar-
iores a clo. Er. L. Ekman lectae II.

Translations available in the Bur of Plant Industry Library.

Arrhenius, Olaf.

Försök till bekämpande av havrens graf-
läcksjuka (Experiments with combating the gray-
spot-disease in oats) Medd. Centralanst.

Försöks Jordbr. no.244. p.3-17. 1923.

Also Landtbr. Bot.no.27.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 138.
June 16 - 28, 1924.



Agr. Journ. India.

Dastur, J. F.

A preliminary account of the investigation of
cotton wilt in Central Provinces and Berar. Agr.
Journ. India. 19: 251-260. My.1924. no.3.

Amer. Fruit Grow-Mag.

Anderson, H. W.

Raspberry troubles. Amer. Fruit Grow. Mag.
v.44, no.7. p.4, 9, 11. Jl. 1924.

Magness, J. R.

The inside story of the apple. VI. Picking and
storage of the fruit. Amer. Fruit Grow. Mag. v.44,
no.7. p.5, 11. Jl. 1924.

Halbert, T. J.

Grape growing in Missouri. Amer. Fruit Grow.
Mag. v.44, no.7. p.7, 11. illus. Jl. 1924.

Amer. Journ. Pharm.

Clark, R.H. & Gillie, K.B.

The cascara content of the wood and bark of
Rhamnus purshiana. Amer. Journ. Pharm. 96: 400-
412, Je. 1924. no.6.

Ann. Rep. Dept. Agr. Uganda Prot.

Small, William.

Annual report of the government mycologist.
1922. Ann. Rep. Dept. Agr. Uganda Prot, 1922,
p.27-29. 1924.

Ann. R. Bot. Gard. Peradeniya.

Petch, Thomas.

A note on *Diplodiella*. Ann. R. Bot. Gard.
Peradeniya. 8: 167-170. illus. My.1924.

Petch, Thomas.

Notes on *Aristolochia*. Ann. R. Bot. Gard.
Peradeniya. 8: 1-108. pl,i-v. My.1924.

Petch, Thomas.

Xylariaceae zeylanicae. Ann.R. Bot.Gard.
Peradeniya. 8: 119-166. My.1924.

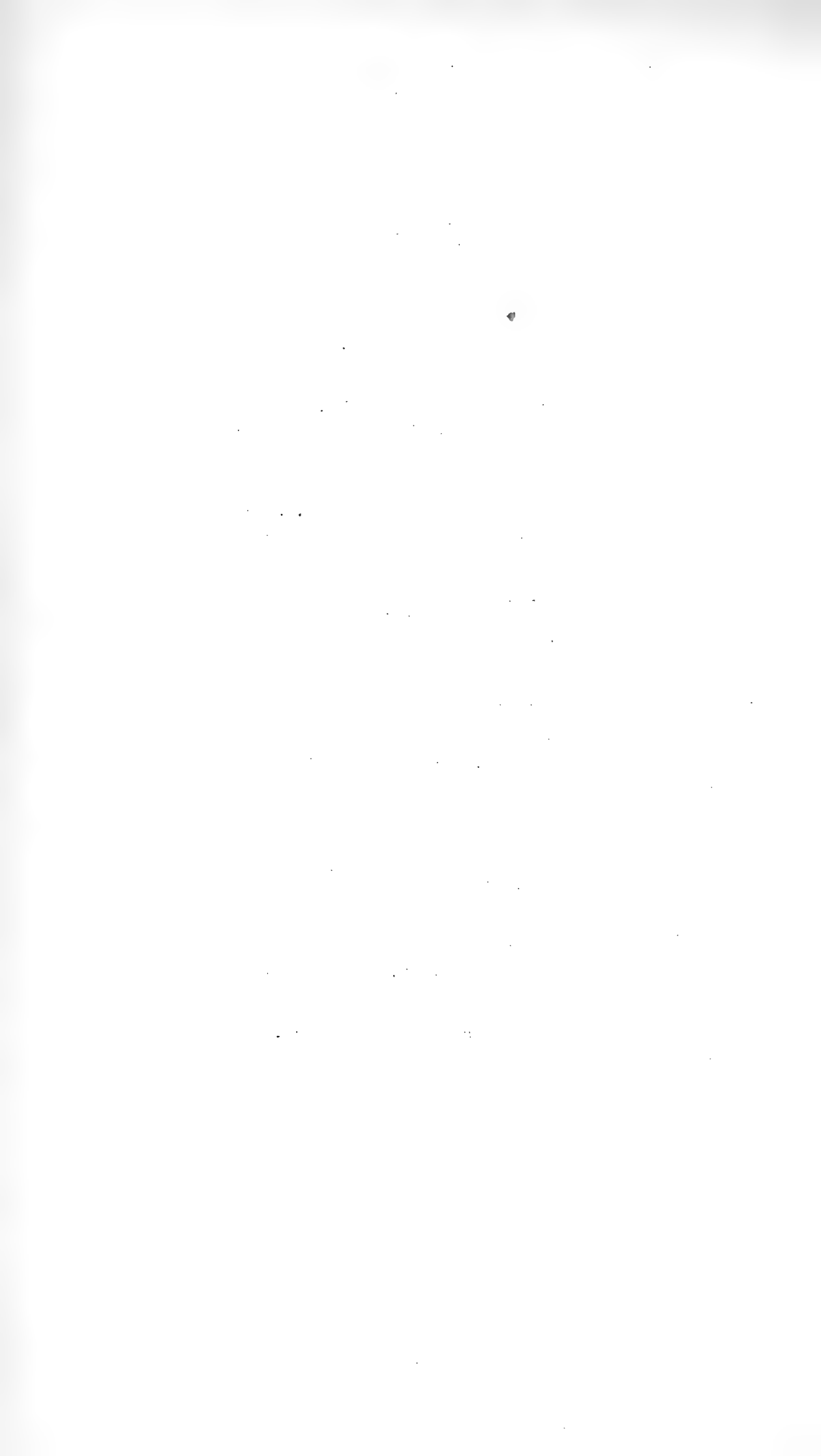
Ragunathan, C.

The occurrence of teleutospores in *Hemileia vasta-*
trix B. & Br. Ann. R. Bot.Gard. Peradeniya. 8:
109-117. My.1924.
Literature cited: p. 115.

Ann. Sci. Nat. Bot.

Guilliermond, Alexandre.

Recherches sur l'évolution du chondriome pendant
le développement du sac embryonnaire et des
cellules mères des grains de pollen dans les
liliacées et sur la signification des formations
ergastoplasmiques. Ann. Sci. Nat. Bot. X,6:
1-52. illus., pl.1-7. My. 1924. no.1½.
Notice bibliographique: p. 47-48.



Arch. Protistenk.

Geitler, Lothar.

Die entwicklungsgeschichte von Sorastrum spinulosum und die phylogenie der Protococcales. Arch. Protistenk. 47: 440-447. pl. 22. Ap. 1924. no. 3.

Peterschilka, Franz.

Ueber die kernteilung und die vielkernigkeit und über die beziehungen zwischen epiphytismus und kernzahl bei Rhizoclonium hieroglyphicum Kütz. (Zur cytologie der chlorophyten III.) Arch. Protistenk. 47: 325-349. pl. 13. Ap. 1924. no. 3.

Literaturverzeichnis: p. 347-348.

Beih. Bot. Centralbl.

Heil, Hans.

Chamaegigas intrepidus Dtr., eine neue auferstehungspflanze. Beih. Bot. Centralbl. Abt. 1, 41: 41-50. pl. i-iv. Ap. 1924. no. 1.

Pringsheim, E. G.

Ueber plasmolyse durch schwermetallsalze. Beih. Bot. Centralbl. Abt. 1, 41: 1-14. Ap. 1924. no. 1.
Literatur: p. 14.

Rudolph, Karl & Firbas, Franz.

Paläofloristische und stratigraphische untersuchungen böhmischer moore. Die hochmoore des erzgebirges. Ein beitrug zur postglazialen waldgeschichte böhmens. Beih. Bot. Centralbl. Abt. 2, 41: 1-162. pl. i-xvi. Mr. 1924. no. 1/2.

Zitierte literatur: p. 158-162.

Schmucker, Theodor.

Rechts- und linkstendenz bei pflanzen. Beih. Bot. Centralbl. Abt. 1, 41: 51-81. Ap. 1924. no. 1.

Ursprung, Alfred.

Ueber das eindringen von wasser und anderen flüssigkeiten in interzellularen. Beih. Bot. Centralbl. Abt. 1, 41: 15-40. Ap. 1924. no. 1.

Ber. Deut. Bot. Ges.

Bachmann, E.

Adventivsprossung im innern eines Cladoniafruchtstieles. Ber. Deut. Bot. Ges. 42: 87-94. illus. Ap. 1924. no. 3.

Drude, Oscar.

Franz Wilhelm Neger. Ber. Deut. Bot. Ges. 41 (Generalvers.-h.): (84)-(92). Ap. 1924.
Schriftenverzeichnis: p. (90).

Fischer, Hugo.

Von eigenschaften pflanzlicher quellstoffe. Ber. Deut. Bot. Ges. 41 (Generalvers.-h.): (11)-(16). Ap. 1924.

Ber. Deut. Bot. Ges. (cont.)

Gassner, Gustav.

Ueber die untersuchungen von J. Zeidler zur
frage des galvanotropismus der wurzeln. Ber.
Deut. Bot. Ges. 41 (Generalvers.-h.): (17)-(19).
Ap. 1924.

Heilbromm, Alfred.

Beiträge zum epinastie-problem. I. Ber.
Deut. Bot. Ges. 41 (Generalvers.-h.): (33)-(41).
Ap. 1924.

Literatur zum epinastieproblem: p. (41).

Literatur zur anatomie des blattstiels: (p.41).

Heitz, E.

Eine einfache methode des gleichzeitigen nach-
weises von assimilation und atmung. Ber. Deut.
Bot. Ges. 41 (Generalvers.-h.): (41)-(49). illus.
Ap. 1924.

Literatur: p. (48)-(49).

Jahn, E.

Alfred Möller. Ber. Deut. Bot. Ges. 41
(Generalvers.-h.): (75)-(83). Ap. 1924.

Loesener, Theodor.

Gustav Lindau. Ber. Deut. Bot. Ges. 41
(Generalvers.-h.): (93)-(108). port. Ap. 1924.
Schriftenverzeichnis: p. (100)-(108).

Meyer, F. J.

Die Lycopodium-leitbündel als leitbündeltypus
eigener art. Ber. Deut. Bot. Ges. 42: 100-108.
illus. Ap. 1924. no.3.

Literatur: p. 108.

Müller, K. O.

Zur kenntnis der faktoren der anthozyanbildung
bei der kartoffel. Ber. Deut. Bot. Ges. 41
(Generalvers.-h.): (60)-(66). Ap. 1924.

Nienburg, Wilhelm.

Die wirkung des lichtes auf die keimung der
Equisetumspore. Ber. Deut. Bot. Ges. 42: 95-99.
illus. Ap. 1924. no.3.

Oehlkers, Friedrich.

Die sporenbildung einiger saccharomyceten. Ber.
Deut. Bot. Ges. 41 (Generalvers.-h.): (31)-(32).
Ap. 1924.

Rippel, August.

Alfred Koch. Ber. Deut. Bot. Ges. 41
(Generalvers.-h.): (67)-(74). port. Ap. 1924.

Schade, A.

Die kryptogamischen pflanzengesellschaften an den
Feslwänden der sächsischen Schweiz. Ber. Deut.
Bot. Ges. 41 (Generalvers.-h.): (49)-(59). Ap. 1924.

Ulehla, Vladimir.

Ueber CO₂- und PH- regulation des wassers durch
einige süßwasseralgen. Ber. Deut. Bot. Ges. 41
(Generalvers.-h.): (20)-(31). Ap. 1924.

Ber. Deut. Bot. Ges. (cont.)

Weber, Friedl.

Fülleperiode und fruktreiben. Ber. Deut. Bot.
Ges. 42: 109-112. Ap. 1924. no. 3.
Literatur: p. 112.

Biochem. Zeitschr.

Cholodny, N.

Ueber protoplasmaveränderungen bei plasmolyse.
Biochem. Zeitschr. 147: 22-29. illus. My. 1924.
no. 1/2.

Lundegordh, Henrik.

Der einfluss der wasserstoffionenkonzentration
in gegenwart von salzen auf das wachstum von
Gibbanelia saubinetii. Biochem. Zeitschr. 146:
554-572. illus. Ap. 1924. no. 5-6.
Literatur: p. 572.

Neuberg, C.

Jacques Loeb. Biochem. Zeitschr. 146: 387-
388. Ap. 1924. no. 5-6.

Sigmund, Wilhelm.

Ueber die einwirkung von stoffwechsel-end-
produkten auf die pflanzen III. Einwirkung N-freier
pflanzlicher stoffwechsel-endprodukte auf die
keimung von samen: ätherische öle, terpene u.a.
Biochem. Zeitschr. 146: 389-419. Ap. 1924.
no. 5-6.

Biol. Zentralbl.

Loew, Oskar.

Biologische möglichkeiten zur hebung des
ernteertrages. Biol. Zentralbl. 44: 188-
193. illus. Ap. 30, 1924, no. 4.
Literaturangaben: p. 193.

Bol. Mus. Nac. Rio de Janeiro.

Roquette-Pinto, Edgard.

Nota sobre a ação physiologica da fava tonka.
Bol. Mus. Nac. Rio de Janeiro. 1: 127-135. illus.
1924. no. 2.

Sampaio, A. J. de.

Bibliographia botanica. (Relativa á flora
brasileira, com inclusão dos trabalhos indispen-
sáveis aos estudos botanicos no Brasil) Bol.
Mus. Nac. Rio de Janeiro. 1: 111-125. 1924. no. 2.

Sampaio, A. J. de.

O grupo especifico grandifolia no gen. *Hemitelia*
R.Br. (cytheaceas) e a nova especie *Hemitelia*
uleana A. Samp. Bol. Mus. Nac. Rio de Janeiro.
1: 61-67. illus. N. 1923. no. 1.

Sampaio, A. J. de.

O valor taxinomico da indusia nas cytheaceas.
Bol. Mus. Nac. Rio de Janeiro. 1: 13-22. illus.
N. 1923. no. 1.

Bot. Arch.

Guttman, Fritz.

Sero-diagnostische untersuchungen über die verwandtschaftsverhältnisse innerhalb der arche-goniatae. Bot. Arch. 6: 421-457. Je. 1924. no.5-6.

Literatur-verweise: p. 456-457.

Knoke, Franziska.

Abhängigkeit der entwicklung des Volvox aureus von äusseren bedingungen. Bot. Arch. 6: 405-420. Je. 1924. no.5-6.

Literaturverzeichnis: p. 420.

Krull, Christian.

Untersuchungen über die reaktionsempfindlichkeit von keimlingen. Bot. Arch. 6: 334-404. illus. Je. 1924. no.5-6.

Literatur-verzeichnis: p.404.

Lewinsky, Erich.

Vergleichende anatomie der wurzeln und rhizome einiger pharmakognostisch wichtiger solanaceen. Lokalisation und bestimmung der alkaloide. Bot. Arch. 6: 313-333. illus. Je. 1924. no.5-6.

Literaturverzeichnis: p. 333.

Lierow, Walter.

Beitrag zur kenntnis der alkalischen reaktion des bodens und deren wirkung auf die pflanzen. Bot. Arch. 6: 457-465. Je. 1924. no.5-6.

Literatur: p.465.

Bot. Gaz.

Cook, M. T.

Development of seed of *Crotalaria sagittalis*. Bot. Gaz. 77: 440-445. pl. xxx-xxi. Je. 1924. no.4.

Coulter, J. M.

George Lincoln Goodale. Bot. Gaz. 77: 453. port. Je. 1924. no.4.

Dustman, R. B.

Effect of potassium acid phthalate on early growth of tomato plants. Bot. Gaz. 77: 419-431. illus. Je. 1924. no.4.

Literature cited: p; 431.

Eckerson, S. H.

Protein synthesis by plants. I- Bot. Gaz. 77: 377-390. Je.1924. no.4.

Literature cited: p. 389-390.

I. Nitrate reduction.

Komuro, Hideo.

Cytological and physiological changes in *Vicia faba* irradiated with Röntgen rays. Bot. Gaz. 77: 446-452. illus. Je. 1924. no.4.

Bot. Gaz. (cont.)

Reid, M. E.

Quantitative relations of carbohydrates to nitrogen in determining growth responses in tomato cuttings. Bot. Gaz. 77: 404-418. illus. Je. 1924. no.4.

Reynolds, L. G.

Female gametophyte of *Microcycas*. Bot. Gaz. 77: 391-403. illus., pl. xxviii-xxix. Je. 1924. no.4.

Literature cited: p. 402-403.

Santos, J. K.

Determination of sex in *Elodea*. Bot. Gaz. 77: 353-376. pl. xxii-xxvii. Je. 1924. no.4.

Literature cited: p. 371-374.

Shreve, E. B.

Factors governing seasonal changes in transpiration of *Encelia farinosa*. Bot. Gaz. 77: 432-439. Je. 1924. no.4.

Brooklyn Bot. Gard. Leafl.

Reed, G. M.

Iris. Brooklyn Bot. Gard. Leafl. v.12, no.5-6. 8p. illus. Je.11, 1924.

Bull. Econ. Indochine.

Crevost, Ch.

Catalogue des produits de l'Indochine (suite) Bull. Econ. Indochine. n.s. 27: 37-77. illus. 1924. no.164.

Bull. Green Sect. U.S. Golf Assoc.

Martin, J. F.

Protecting white pine from the blister rust. Bull. Green Sect. U.S. Golf Assoc. 4: 144-147. illus. Je. 1924. no.6.

Metcalf, Haven.

Less serious diseases of white pine. Bull. Green Sect. U.S. Golf Assoc. 4: 147-148. Je. 1924. no.6.

Bull. Misc. Inform. Kew.

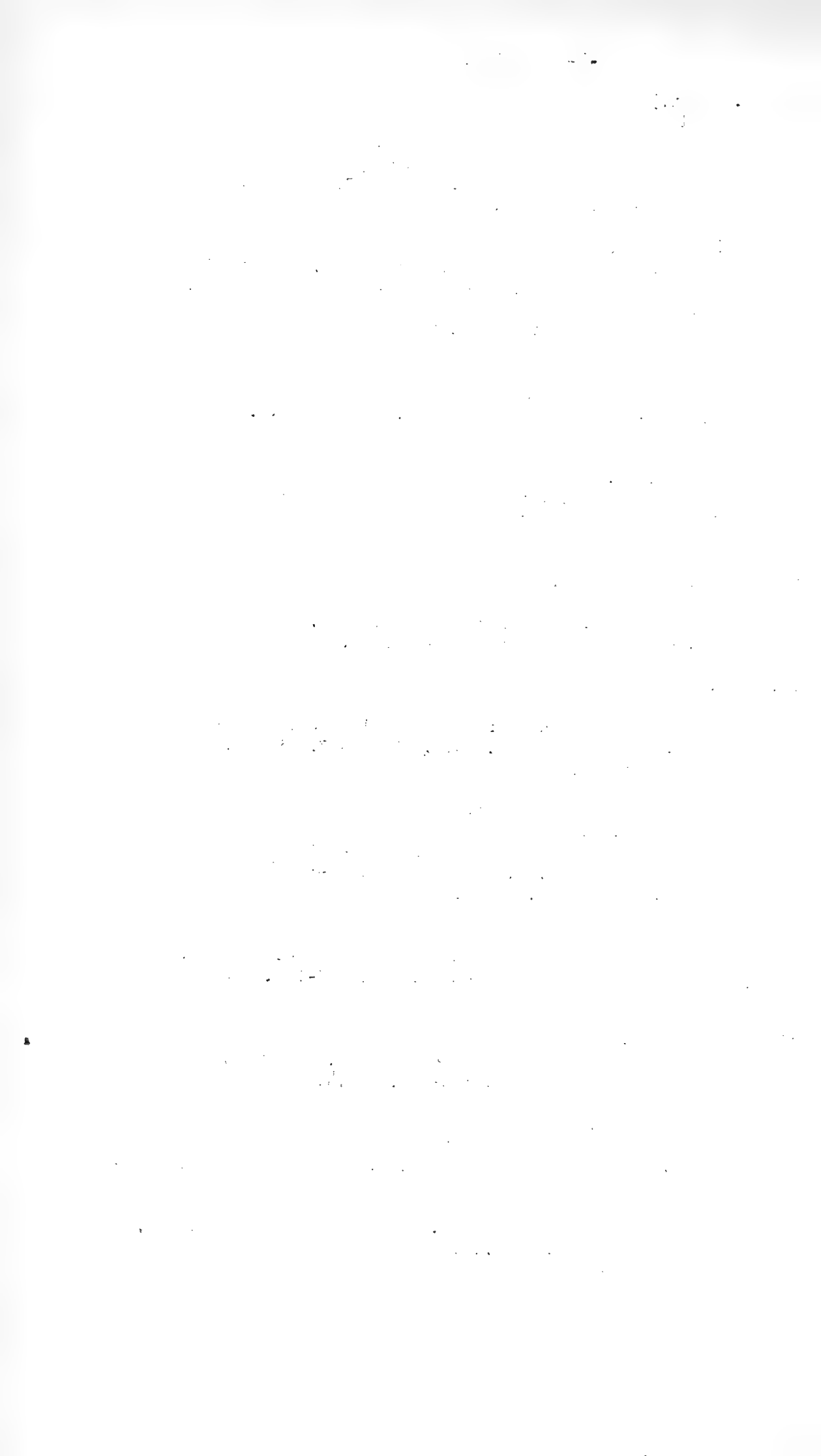
Additions to the Index Kewensis II. Bull. Misc. Inform. Kew. 1924, p. 168-171. no.4.

Braid, K. W.

Development of short shoots on *Pinus sylvestris*. Bull. Misc. Inform. Kew. 1924, p. 135. illus. no.4.

Garabedian, S.

A revision of *Emilia*. Bull. Misc. Inform. Kew. 1924, p.137-144. no.4.
Emilia macaulayae, E. *crepidioides*, sp.nov.



Bull. Misc. Inform. Kew. (cont.)

Hutchinson, John.

Contributions towards a phylogenetic classification of flowering plants. IV. Bull. Misc. Inform. Kew. 1924, p.144-134. no.4.

Sprague, T.A.

Citharexylum bessonianum. Bull. Misc. Inform. Kew. 1924, p.145-146. no.4.

Thoday, David.

A revision of Passerina. Bull. Misc. Inform. Kew. 1924, p.146-168. no.4.

Turrill, W. B.

The formation of a seed collection. Bull. Misc. Inform. Kew. 1924 p. 136. no.4.

Bull. Soc. Chim. Biol.

Terroine, E.F., Bonnet, R. & Joessel, P.H.

L'énergie de croissance II. La germination. Bull. Soc. Chim. Biol. 6: 357-393. Ap.1924. no.4.

Bull. Soc. Hist. Nat. Afr. Nord.

Gauthier-Lièvre, H.

Algues et schizophycées de l'Afrique du Nord. Bull. Soc. Hist. Nat. Afr. Nord. 15: 130-137. Ap. 1924. no.4.

Gauthier-Lièvre, H.

Schizophycées littorales de la petite Syrte (Tunisie) récoltées par M. Seurat au cours de ses derniers voyages (1922-1923). Bull. Soc. Hist. Nat. Afr. Nord. 15: 129-130. Ap.1924. no.4.

Bull. Torr. Club.

Ferguson, W. C.

Contributions to the flora of Long Island, N.Y. Second paper. Bull. Torrey Bot. Club. 51: 177-201. My. 1924. no.5.

Plitt, C. C. & Pessin, L. J.

A study on the effect of evaporation and light on the distribution of lichens. Bull. Torrey Bot. Club. 51: 203-210. My. 1924. no.5.

Rydberg, P. A.

The section Tuberarium of the genus Solanum in Mexico and Central America, (concl.) Bull. Torrey Bot. Club. 51: 167-176. My. 1924. no.5.

Calif. Grape Grow.

Flossfeder, F.

How to control powdery mildew. Calif. Grape Grow. v.5, no.6. p.8-9, 14. illus. Je.6, 1924.

Chaparra Agr.

Calvino, Mario.

Doce puntos relacionados con el mosaico de la caña y el modo de combatirlo. Chaparra Agr. 1: 19-20. My. 1924. no.1.

Calvino, Mario.

Observaciones fitotécnicas sobre el rizoma de la caña de azúcar. Chaparra Agr. 1: 11-15. My. 1924. no.1.

Circ. Dept. Agr. Exp. Farms Br. Canada.

McLarty, H. R.

Diseases of plums and their control. Circ. Dept. Agr. Exp. Farms. Br. Canada. no.15. 7 p. 1923.

Comm. Astrakh. Stant. Zash. Rast. ot Vredit.

Chenbel, E.

Apexçu des maladies de plantes de la region d'Astrakhan, observées jusqu'à 1923. Comm. Astrakh. Stant. Zash. Rast. ot Vredit, v.1, no.1. 58 p. 1923.

Russian with French resumé: p. 57-58.

Pt. 1. arranged under hosts; pt. 2 systematic enumeration of fungi.

Compt. Rend. Acad. Sci. Paris.

Gillot, P.

Remarques sur le déterminisme du sexe chez Mercurialis annua L. Compt. Rend. Acad. Sci. Paris. 178: 1995-1998. Je.10, 1924. no.24.

Molliard, Marin.

Retentissement de la composition minérale du milieu nutritif sur la structure du Sterigmatocystis nigra. Compt. Rend. Acad. Sci. Paris. 178: 1865-1867. Je.2, 1924. no.23.

Richet, Charles.

Action des formiates sur la croissance de certaines plantes cultivées en pot. Compt. Rend. Acad. Sci. Paris. 178: 1922-1923. Je.2, 1924. no.23.

Souegès, René.

Embryogenie des rubiacées. Développement de l'embryon chez le Sherardia arvensis.L. Compt. Rend. Acad. Sci. Paris. 178: 1919-1921. illus. Je.2, 1924. no.23.

Compt. Rend. Soc. Biol. Paris.

Allen, Woodward.

De l'influence du gaz carbonique sur le géotropisme. Compt. Rend. Soc. Biol. Paris. 90: 1447-1448. Je.6, 1924. no.19.

Deut. Obstb. Zeit.

Czerny, H.

Ertragssteigerung durch saatgutstimulierung.

Deut. Obstb. Zeit. 70: 229-230. My. 29, 1924. no. 22.

Faserforsch.

Heuser, Otto.

Untersuchungen über den Anteil der männlichen und weiblichen Hanfpflanzen an der Erntemasse.

Faserforsch. 4: 43-49. My. 1924. no. 1.

Tobler, Friedrich.

Curculigo-faser. Faserforsch. 4: 50-53.

illus. My. 1924. no. 1.

Weck, Rud.

Anfarbeitung eines Saatstärken- und Düngungsversuches zu Flachs (Jahr 1923) Faserforsch.

4: 13-35. My. 1924. no. 1.

Flor. Rev.

Griffiths, David.

Lilies in Pacific Northwest. Flor. Rev.

v. 54, no. 1385. p. 29-31. Je. 12, 1924.

Schmidt, David.

Testing hard seeds. Flor. Rev. v. 54, no.

1386. p. 32-33. Je. 19, 1924.

Floralia.

Schenk, P. J.

Bestrijding van den knolvoet der kool.

Floralia. 45: 378-379. Je. 13, 1924. no. 24.

Garden.

Irving, Walter.

Large-leaved saxifrages. The Megaseas are plants with handsome foliage and are effective at all times of the year.

Garden. 88: 415-416. illus. Je. 14, 1924. no. 2743.

Maxwell, Herbert.

Wall plants. Garden. 88: 420-422. illus.

Je. 14, 1924. no. 2743.

Praeger, Lloyd.

Sempervivums - A preliminary note. Garden.

88: 399-400. illus. Je. 7, 1924. no. 2742.

Wilson, E. H.

Corylopsis gotoana. Garden. 88: 419.

illus. Je. 14, 1924. no. 2743.

Gard. Mag.

Wilson, E. H.

Where orchids are at home. II. Tropical orchids of the New World. Gard. Mag. 39: 357-360. illus. Jl. 1924. no. 5.

Gard. Chron.

Friend, Hilderic.

Garden-craft in the Canticles II. Gard.
Chron. III, 75: 360. Je. 14, 1924. no. 1955.

Hutchinson, John.

Rhododendrons of Hupeh. Gard. Chron.
III, 75: 340-341. Je. 7, 1924. no. 1954.

Critique of paper by Mr. E. H. Wilson "The
rhododendrons of Hupeh".

Swettenham, Mary.

Watsonias in Jamaica. Gard. Chron. III,
75: 363. illus. Je. 14, 1924. no. 1955.

Ward, F. K.

Rhododendrons. (cont.) Gard. Chron. III, 75:
338, 358-359. Je. 7, 14, 1924. no. 1954-1955.

Gard. Chron. Amer.

Muenschler, W. C.

Coleus parasited by broom-rape. Gard. Chron.
Amer. 28: 165. illus. Je. 1924. no. 6.

Gartenw.

Albrecht, Otto.

Andreas Voss. Ein nachruf für den forscher und
reformator. Gartenw. 28: 238-240. MY. 30,
1924. no. 22

Löbner, Max.

Andreas Voss. Gartenw. 28: 228. port.
My. 23, 1924. no. 21.

Schmitz, Felix.

Das verwelken der pflanzen. Gartenw. 28: 236-
238. illus. My. 30, 1924. no. 22.

Gartn.-Tid.

Weber, Anna.

Tomat- og agurksygdomme. Gartn.-Tid. 40: 265-
267, 277-280. illus. Je. 3, 10, 1924. no. 23-24.

Gleanings in Bee Cult.

Phillips, E. F.

Solving the mysteries of pollen. Gleanings in
Bee Cult. 52: 215-220. Ap. 1924.

Industr. Azucarera.

La enfermedad del sereh en Java. Industr. Azucarera.
29: 114-116, 245-247. Mr., Ap. 1924. no. 365-366.

Cross, W. E.

El Rhodes grass en el norte de la Argentina.
Industr. Azucarera. 29: 204-211. illus. Ap.
1924. no. 365.

Hawaiian Sugar Plant. Assoc. Exp. Stat. Circ.

Lee, H. A. & Jennings, W. C.

Bacterial red stripe disease of tip canes.
Hawaiian Sugar Plant Assoc. Exp. Stat. Circ. 42.
4p. 3 pl. Ap. 1924.

Jahrb. Wiss. Bot.

Bessenich, Frieda.

Untersuchungen über die endospermentleerung von
Zea mais, Jahrb. Wiss. Bot. 63: 231-272.
illus. My. 1924. no.2.

Angeführte literatur: p. 271-272.

Dahm, Paul.

Untersuchungen über die abhängigkeit der endo-
spermentleerung bei Zea mais von verschiedenen
salzen. Jahrb. Wiss. Bot. 63: 273-320. illus.
My. 1924. no.2.

Zitierte literatur: p. 320.

Pringsheim, E. G.

Physiologische studien an moosen. II. Die
sterile und die fertile form von Leptobryum
piriforme (L). Schpr. Jahrb. Wiss. Bot. 63:
159-171. illus. My. 1924. no.2.

Literatur: p. 171.

Simon, S. V.

Ueber eine spontan entstandene blütenvergrünung
von Torenia und das genetische verhalten ihrer nach-
kommenschaft. Jahrb. Wiss. Bot. 63: 172-
230. illus. My. 1924. no.2.

Jardinage.

Grosdemange, Ch.

Le centenaire de la naissance de A. Hardy.
Jardinage. 11: 407-408. port. Je. 1924.
no. 84.

H , R.

Les anthracnoses des légumes. Jardinage.
11: 419-420. illus. Je 1924. no.84.

Journ. Agr. Sud-Ouest.

Prunet, Adolphe.

Effets de la sécheresse et action des engrais.
minéraux sur diverses variétés de pommes de terre.
Journ. Agr. Sud-Ouest. 3: 94-106. Ap. 1924.
no.28.

Journ. Amer. Pharm. Assoc.

Lloyd, J. U.

A study in pharmacy. Nature's percolation
processes in connection with the formation and
excretion of dew, versus artificial percolation
(concl.) Journ. Amer. Pharm. Assoc. 13: 508-
531. illus. Je. 1924. no.6.

Youngken, H. W.

A review of the literature in pharmaceutical
botany and pharmacognosy for 1922-1923 (August 1,
1922- August 1, 1923). Journ. Amer. Pharm. Assoc.
13: 536-546. Je. 1924. no.6.



Journ. Amer. Soc. Agron.

Misbach, F. L. & King, M. L.

The weather as a factor in crop production.
Journ. Amer. Soc. Agron. 16: 381-383. Je. 1924.
no. 6.

Stadler, L. J.

An experimental study of the variety as an agronomic unit in wheat and oats. Journ. Amer. Soc. Agron. 16: 336-372. Je. 1924. no.6.
Literature cited: p. 371-372.

Wilson, J. K.

Bacterial symbiosis in plants other than the legumes. Journ. Amer. Soc. Agron. 16: 373-381. Je. 1924. no.6.
Bibliography: p. 380-381.

Journ. Bot.

Godfrey, M. J., Stephenson, T., & Stephenson, T. A.
The British dactylorchids. Journ. Bot. 62: 175-178. Je. 1924. no.738.

Good, R. D'O.

New tropical African Lentibulariaceae. Journ. Bot. 62: 161-165. illus. Je. 1924. no.738.

Hitchcock, A. S.

The type specimen. Journ. Bot. 62: 166. Je. 1924. no.738.

McLean, R.C. & Hyde, H.A.

The vegetation of Steep Holm. Journ. Bot. 62: 167-175. Je. 1924. no.738.
Limestone Island in British channel.

Sprague, T. A.

Cardamine waldsteinii. Journ. Bot. 62: 180. Je. 1924. no.738.

Sprague, T. A.

Trinominals. Journ. Bot. 62: 178-180. Je. 1924. no.738.

Journ. Dept. Agr. So. Africa.

Marloth, Rudolf.

Notes on the chlorotic condition of trees in some of the Wellington orchards. Journ. Dept. Agr. So. Africa. 8: 521-526. illus. My. 1924. no.5.
Abstract from Science Bull. no.29.

Journ. Dept. Agr. West Austral.

Carne, W. M. & Campbell, J.G.C.

Rust of cereals. Journ. Dept. Agr. West Austral. II, 1: 73-80. illus. 1924. no.1.

Journ. Hered.

Coffman, F. A.

Supernumerary spikelets in Mindum wheat. Journ. Hered. 15: 187-192. illus. Ap. 1924. no.4.

Literature cited: p. 192.

Journ. Hered. (cont.)

Cook, O. F.

Unified cotton communities. Study of heredity leads to reorganization of an industry. Journ. Hered. 15: 167-168. Ap. 1924. no. 4.

Darrow, G. M.

The Chinese bush cherry. *Prunus tomentosa* - a promising new fruit adapted to arid regions and hardier than the European cherry. Journ. Hered. 15: 169-176. illus. Ap. 1924. no. 4.

Journ. Stat. Agron. Guadeloupe.

Leubianc, H.

La mosaique de la canne a sucre. Journ. Stat. Agron. Guadeloupe. 3: 86-91. 1923. no. 3.

Journ. Wash. Acad. Sci.

Russell, Emil.

Identification of the commonly cultivated species of *Cucurbita* by means of seed characters. Journ. Wash. Acad. Sci. 14: 265-269. illus. Je. 19, 1924. no. 12.

Standley, P. C.

The genus *Forchammeria*. Journ. Wash. Acad. Sci. 14: 289-272. Je. 19, 1924. no. 12.

Forchammeria longifolia, *F. sessilifolia*, sp. nov.

Kolloidchem. Beih.

Samec, M., Minaeff, M. & Ronžin, N.

Studien über pflanzenkolloide XV. Ueber die aus verschiedenen stärkearten dargestellten amylopektine. Kolloidchem. Beih. 19: 203-212. My. 1924. no. 4-6.

Landw. Jahrb.

Gleisberg, Walther.

Der praktische wert von zellstimulantien. Landw. Jahrb. 59: 491-510. Ap. 1924. no. 4.

Landw. Versuchsst.

Häronberg, Paul.

Zum gedächtnis von Theodor Pfeiffer. Landw. Versuchsst. 102: 36-42. Mr. 1924. no. 1-2.

Meded. Phytop. Labor. Willie Comm. Scholt. Amst.

Bolle, P. C.

Die durch schwärzepilze (*phaeodictyae*) erzeugten pflanzenkrankheiten. Meded. Phytop. Labor. Willie Comm. Scholt. Amst. no. 7. 77 p. pl. i-iii. Ap. 1924.

Mitt. Deut. Landw. Ges.

Rensch, B.

Eine neue methode zur bekämpfung der rübenmematoden. Mitt. Deut. Landw. Ges. 39: 412-414. My. 31, 1924. no. 22.

Mitt. Naturw. Ver. Steierm. B. Wissensch. Abh.

Hayek, August.

Pflanzengeographie von Steiermark. Mitt.
Naturw. Ver. Steierm. B. Wissensch. Abh. 59. 208.p.
4 pl. on 2, fold. map. 1923,
Map in pocket.

Monatsh. Chem.

Einleger, Jose, Fischer, J. & Zellner, Julius.

Zur chemie heterotropher phanerogamen. IV.
Monatsh. Chem. 44: 277-295, My. 1924. no. 7-8.

Feinberg, Chaja, Herrmann, Johann, Röglasperger, Leopoldine,
& Zellner, Julius.

Beiträge zur vergleichenden pflanzenchemie IX.
Zur chemie der rinden I- Monatsh. Chem, 44: 261-
276, My. 1924. no. 7-8.

Püringer, Konstantia.

Beiträge zur vergleichenden pflanzenchemie VIII.
Ueber Chamaenerium angustifolium Scop. Monatsh.
Chem. 44: 255-260. My. 1924. no. 7-8.

Zellner, Julius.

Beiträge zur vergleichenden pflanzen chemie
VII. Ueber Knautia silvatica Dub. Monatsh. Chem.
44: 247-253. My. 1924. no. 7-8.

Nachrichtenbl. Deut. Pflanzenschutzd.

Morstatt, Hermann.

Geheimer regierungsrat prof. dr. O. Appel.
Nachrichtenbl. Deut. Pflanzenschutzd. 4: 37-38.
pct. Je.1, 1924, no, 6.

Nature.

Annett, H. E.

Influence of weather conditions on sap and latex
flows. Nature. 113: 821. Je.7, 1924. no.2849.

C , F.

Mr. Henry Deane. Nature 113: 865. Je.14,
1924, no.2850.

Macnamara, Charles.

The "bleeding" of cut trees. Nature. 113: 858.
Je.14, 1924. no.2850.

Seward, A. C.

Outposts of vegetation. Nature. 113: 823-
825. illus. Je.7, 1924. no.2849.

Review of C. H. Ostenfeld's recent volume in
Meddelelser om Groenland (v.64, 1923) reports from
II Thule expedition.

W , A. S.

Dr. C. W. Andrews, F.R.S. Nature. 113: 827-
828. Je.7, 1924. no.2849.

Nature Mag.

Comstock, A. B.
The cholla, the pest of the desert. Nature,
Mag. 4: 45-46. illus. Jl. 1924. no. 1.
Opuntia fulgida.

Crosby, Franklin.

Wheat's worst enemy. Nature Mag. 4: 42-
43. illus. Jl. 1924. no. 1.
Barberry.

Ricker, P. L.

Successful dogwood protection campaign.
Nature Mag. 4: 11. illus. Jl. 1924. no. 1.

Naturwissenschaften.

Wangerin, Walther.

Neuere pflanzengeographische literatur aus
Finnland. Naturwissenschaften, 12: 429-435.
My.30, 1924. no. 22.
Literatur: p. 434-435.

Ohio Journ. Sci.

Schaffner, J. H.

Principles of plant taxonomy I- Ohio
Journ. Sci. 24: 146-160. My. 1924. no.3.

Orchid. Rev.

Mousley, Henry.

Orchid propagation by bulbils. Orchid Rev.
32: 164-165. illus. Je.1924. no.372.

Paper Trade Journ.

Richards, C. A.

Control of decay and molding of wood pulp.
Paper Trade Journ. 78: 55-60. illus. My.1,
1924. no.18.

Rue, J. D., Miller, R. N. & Humphrey, C.J.

The Utilization of decayed wood in the
chemical processes. Paper Trade Journ. v.78,
no.20. p.44-48. illus. My.15, 1924. no. 20.

Pharm. Journ.

Adan, J. W.

Bookstalling for botanists. III. Pharm.
Journ. 112: 641-642. Je.14, 1924. no.3165.

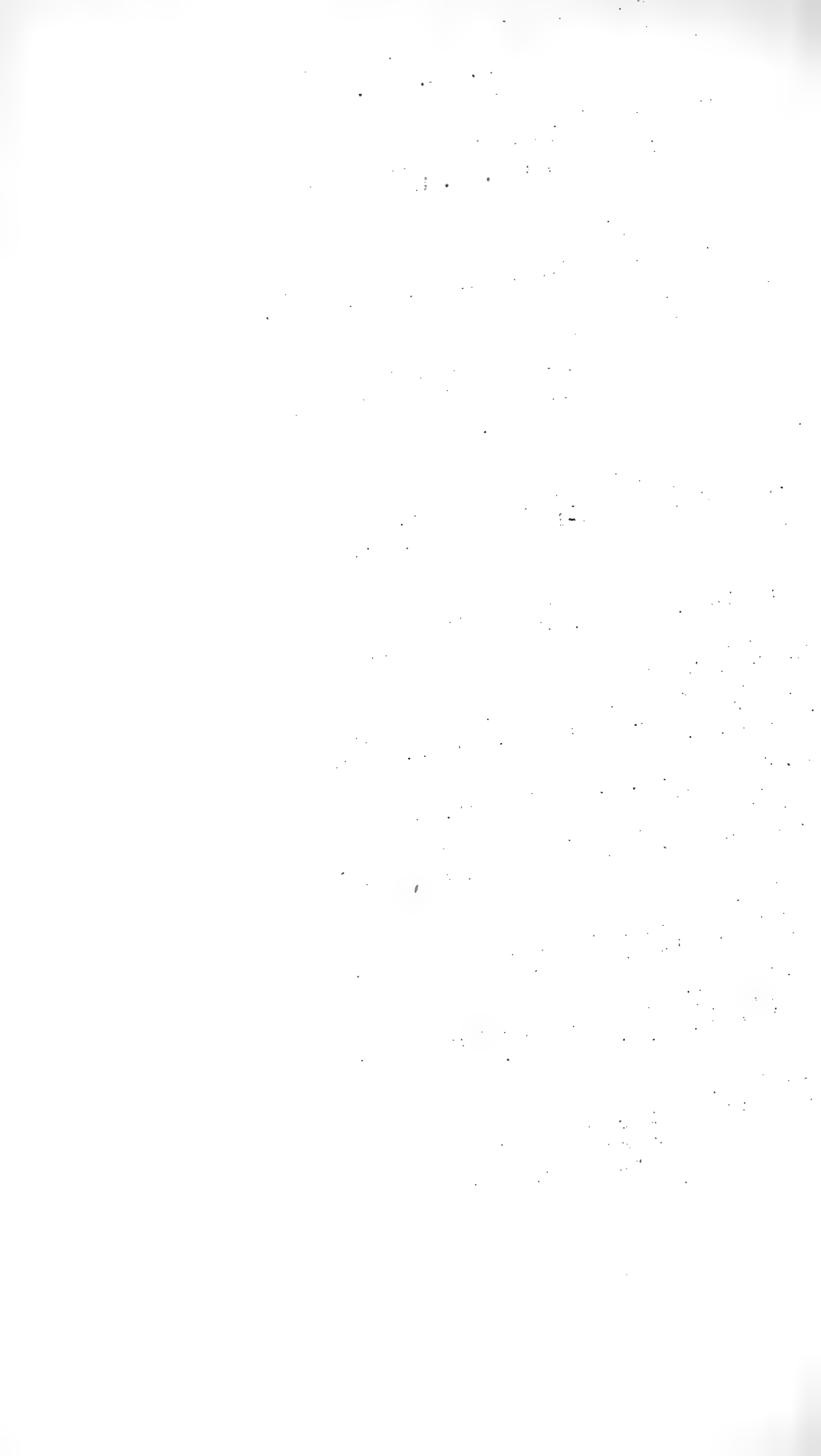
Holmes, Edward M.

The origin of the maltese blood orange. Pharm.
Journ. 112: 614-615. Je.7, 1924.

Pharm. Weekbl.

Graaff, W.C. de.

Aloe en aloecultuur op de Nederlandsch West-
Indische eilanden en over eenige andere plantaardige
afvoermiddelen. Pharm. Weekbl. 61: 596-604.
My.31, 1924. no.22.



Physis.

Hassler, Emilio.

Una nueva especie de lirio del Paraguay y de Misiones. Physis. 6: 359-361. Ap. 1923. no.22.

Marica candida, n.sp.

Hauman, Lucien.

Notes sur le saule sud américain et sur la valeur des espèces botaniques de Molina. Physis. 7: 67-81. illus., pl. i-ii. D.1923. no.24.

Haumann, Lucien.

Para la protección de la naturaleza en la República Argentina. Physis. 6: 283-300. pl. i-viii. Ap. 1923. no.22.

Molfino, J. F.

Una burmaniácea interesante para Misiones "Apteria lilacina" Miers. Physis. 6: 328-330. pl. Ap. 1923. no.22.

Molfino, J. F.

Cuatro eriocauláceas para la Argentina. Physis. 6: 361-363. Ap. 1923. no.22.

Molfino, J. F.

Enumeración de las lentibulariáceas Argentinas. Physis. 6: 353-355. Ap. 1923. no.22.
Species of Utricularia & Pinguicula antarctica.

Molfino, J. F.

Nistagináceas de interés para la flora Argentina. Physis. 7: 50-53. S.1923. no.23.

Molfino, J. F.

Notas botánicas. Physis. 6: 128-150. N. 1922; 7: 89-105. D. 1923.

Molfino, J. F.

"Physostemon", un nuevo género de caparidáceas para el país. Physis. 7: 53. S.1923. no.23.

Parodi, L. R.

Nuevas gramíneas para la flora Argentina. Physis. 7: 56-62. illus. S. 1923. no.23.

Spegazzini, Carlos.

Algunas observaciones relativas al suborden de las mimosoideas. Physis. 6: 308-315. Ap. 1923. no.22.

Manganaroa, *Pithocodendron*, *Anadenanthera*, n.gen.

Spegazzini, Carlos.

Algunos hongos de Tierra del Fuego. Physis. 7: 7-23. illus. S.1923. no.23.
Dictyochaeta n.gen., D. fuegiána.

Spegazzini, Carlos.

Fitoadenomas. Physis. 6: 325-327. illus. Ap. 1923. no.22.

Spegazzini, Carlos.

Nota sobre el Alpa-sandia. Physis. 7: 135-138. D. 1923. no.24.
Dioscorea microbotrya.

Physis (cont.)

Spegazzini, Carlos.
Observaciones relativas a las especies del
género "Convolvulus" de los alrededores de la
ciudad de La Plata. Physis. 6: 220-237.
illus. Ap. 1923. no. 22.

Prakt. Blatt. Pflanzenb. u. Pflanzensch.
Kinzel, Wilhelm.

Anpassung der samen an klimatische einflüsse
(bis zur völligen umkehr des keimverlaufs.)
Prakt. Blatt. Pflanzenb. u. Pflanzensch. 2: 1-5.
Ap. 1924. no. 1.

Proc. Acad. Nat. Sci. Phila.
Gardner, N. L.

Two new fossil algae from the miocene. Proc.
Acad. Nat. Sci. Phila. 75: 361-363. illus. 1924.

Pennell, F. W.

Scrophulariaceae of Cuba. Proc. Acad. Nat.
Sci. Phila. 75: 1-21. 1924.

Proc. Austral. Assoc. Adv. Sci.

Australasian association for the advancement of
science, Sect. K __ Climatic control of wheat-
production in Australia committee.
(Report of answers to questionnaire) Proc.
Austral. Assoc. Adv. Sci. 16 (1923): 132-138. 1924.

Australasian association for the advancement of
science, Sect. D __ Ecology committee.
Bibliography of the Australian floristic and
ecological plant-geography. Proc. Austral. Assoc.
Adv. Sci. 16(1923): 110-118. 1924.

Johnston, T. H.

The Australian prickly-pear problems. Proc.
Austr. Assoc. Adv. Sci. 16(1923): 347-401. map.
1924.

Literature quoted: p. 400-401.

Richardson, A. E. V.

The water-requirements of farm crops. Proc.
Austral. Assoc. Adv. Sci. 16(1923): 743-800. pl.
1924.

Literature cited: p. 798-800.

Smith, H. G.

Some chemical characteristics of the Australian
vegetation. Proc. Austral. Assoc. Adv. Sci.
16(1923): 201-211. 1924.

References: p. 211.

Proc. Indiana Acad. Sci.

Andrews, F. M.

Midsummer growth. Proc. Indiana Acad. Sci.
1923, p. 264-265. 1924.

Andrews, F. M.

Protoplasmic streaming. Proc. Indiana Acad.
Sci. 1923, p. 266-267. 1924.

Proc. Indiana Acad. Sci. (cont.)

Andrews, F. M.

The reclamation of soil by vegetation. Proc.
Indiana Acad. Sci. 1923, p.259-264. 1924.

Andrews, F. M.

Studies on pollen IV. Proc. Indiana
Acad. Sci. 1923, p.265-266. 1924.

Deam, C. C.

Plants new or rare in Indiana XII. Proc.
Indiana Acad. Sci. 1923, p.221-222. 1924.

Erlanson, E. W.

List of Indiana plants, chiefly from Putnam
County, collected 1910-1915 by Earl J. Grimes.
Proc. Indiana Acad. Sci. 1923, p.123-162. 1924.

Gardner, M. W.

Indiana plant diseases, 1921-1922. Proc.
Indiana Acad. Sci. 1923, p.163-201, 202-211.
illus. 1924.
Literature cited: p.200-201, 210-211.

Hansen, A. A.

Does *Allium vineale* L. produce seeds in Indiana.
Proc. Indiana Acad. Sci. 1923, p.213-214. illus.
1924.

Hansen, A. A.

Recent Indiana weeds, 1923. Proc. Indiana
Acad. Sci. 1923, p.214-216. 1924.

Hansen, A. A.

A weed survey of Indiana. Proc. Indiana
Acad. Sci. 1923, p.216-219. 1924.

Heimlich, L. F.

Plants of White County, VI. Proc. Indiana,
Acad. Sci. 1923, p.225-231. illus. 1924.

Mains, E. B.

Notes on greenhouse culture methods used in rust
investigations. Proc. Indiana Acad. Sci.
1923, p.241-257. illus. 1924.
Literature cited: p.255-257.

Mottier, D.M.

Culture methods in the production of polyembryony
in certain ferns (Polypodiaceae). Proc. Indiana
Acad. Sci. 1923, p.239-240. 1924.

Van Hook, J.M.

Indiana fungi VII. Proc. Indiana Acad. Sci.
1923, p.233-238. 1924.

Progr. Agr. & Vitic.

Cotone, D. A.

Traitement de la chlorose par 13 chaux et par le
sulfate de fer. Progr. Agr. & Vitic. 81: 533-537.
Je. 8, 1924. no.23.

Repert. Spec. Nov. Fedde.

Becker, Wilhelm.

Violae Mexicanae et Centrali-Americanae I-

Repert. Spec. Nov. Fedde. 19: 392-400. Ap. 1924.
no.22/25.

Savicz, V. P.

Die cladonien Kamtschatkas. Repert. Spec.

Nov. Fedde. 19: 337-372. Ap. 1924. no.22/25.

Literatur über die flechtenflora Kamtschatkas:

p.369-372.

Schlechter, Rudolf.

Orchidaceae novae et criticae decas LXXV-

LXXVI. Repert. Spec. Nov. Fedde. 19: 372-
383. Ap. 1924. no.22/25.

Schlechter, Rudolf.

Ueber zwei neue interessante primeln aus China.

Repert. Spec. Nov. Fedde. 19: 383-385. Ap. 1924.
no.22/25.

Primula erodioides, P.merrilliana, nov.spec.

Wimmer, F. E.

Lobeliaceae II. Repert. Spec. Nov. Fedde. 19:

385-392. Ap. 1924. no.22/25.

A

Rev. Agric. Ile Réunion.

L'Anthraxose du vanillier. Rev. Agr. Ile

Réunion. X,12: 167-171. Ap. 1924. no.4.

Calospora vanillae,

Science.

Allee, W. C.

The Barro Colorado laboratory. Science. 59:

521-522. Je.13, 1924. no.1537.

Baker, R. S.

Dr. William James Beal. Science. 59: 522.

Je.13, 1924. no.1537.

Orton, C. R.

Seed-borne parasites - A general consideration of

the problem. Science. 59: 539-546. Je.20, 1924.
no.1538.

Scient. Month.

Berry, E. W.

The Mississippi gulf in the middle and upper eocene.

Scient. Month. 19: 36-42. illus. Jl. 1924. no.1.

Trelease, William.

Four generations of memorable botanists. Scient.

Month. 19: 53-62. ports. Jl. 1924. no.1.

Augustin Pyramus de Candolle, Alphonse de Candolle,

Casimir de Candolle, Augustin de Candolle.

Sci. Proc. Roy. Dublin Soc.

Ball, N. G.

Phototropic movement of leaves. The functions of the lamina and the petiole with regard to the perception of the stimulus. Sci. Proc. Roy. Dublin Soc. 17: 281-286. illus. Mr. 1924. no.32-41. References: p. 286.

Dixon, H. H. & Ball, N. G.

On the extraction of sap from living leaves by means of compressed air. Sci. Proc. Roy. Dublin Soc. 17: 263-266. illus. Mr. 1924. no.32-41. References: p. 266.

Terre Vaud.

Bellanger, Fernand.

La maladie du pied des céréales. Terre Vaud. 16: 350-351. My.31, 1924. no.22.

Tonduz, P.

La préparation des produits cupriques pour la lutte contre le mildiou. Terre Vaud. 16: 353-357. Je.7, 1924. no.23.

De Thee.

Bernard, Charles.

De wortelkraagziekte. *Ustilina maxima* (Web.) v. *Wettstein* (*U. zonata*). De Thee. 5: 21-23. pl. ii-iii. Mr.-Je. 1924. no.1-2.

Timberm.

Colley, R. H.

Rotton wood. Timberm. v.25, no.7. p.56-57. My. 1924.

Torreya.

Berry, E. W.

A fossil *Celtis* from Colombia. Torreya. 24: 44-46. illus. My.-Je. 1924. no.3. *Celtis bolivarensis*, n.sp.

Berry, E. W.

Ophioglossum hastatifforme Ckl., not an *Ophioglossum*. Torreya. 24: 49-50. My.-Je. 1924. no.3.

Cockerell, T. D. A.

A yellow variation of *Eustoma* (*Gentianaceae*) Torreya 24: 50-51. My.-Je. 1924. no.3. *Eustoma russellianum*.

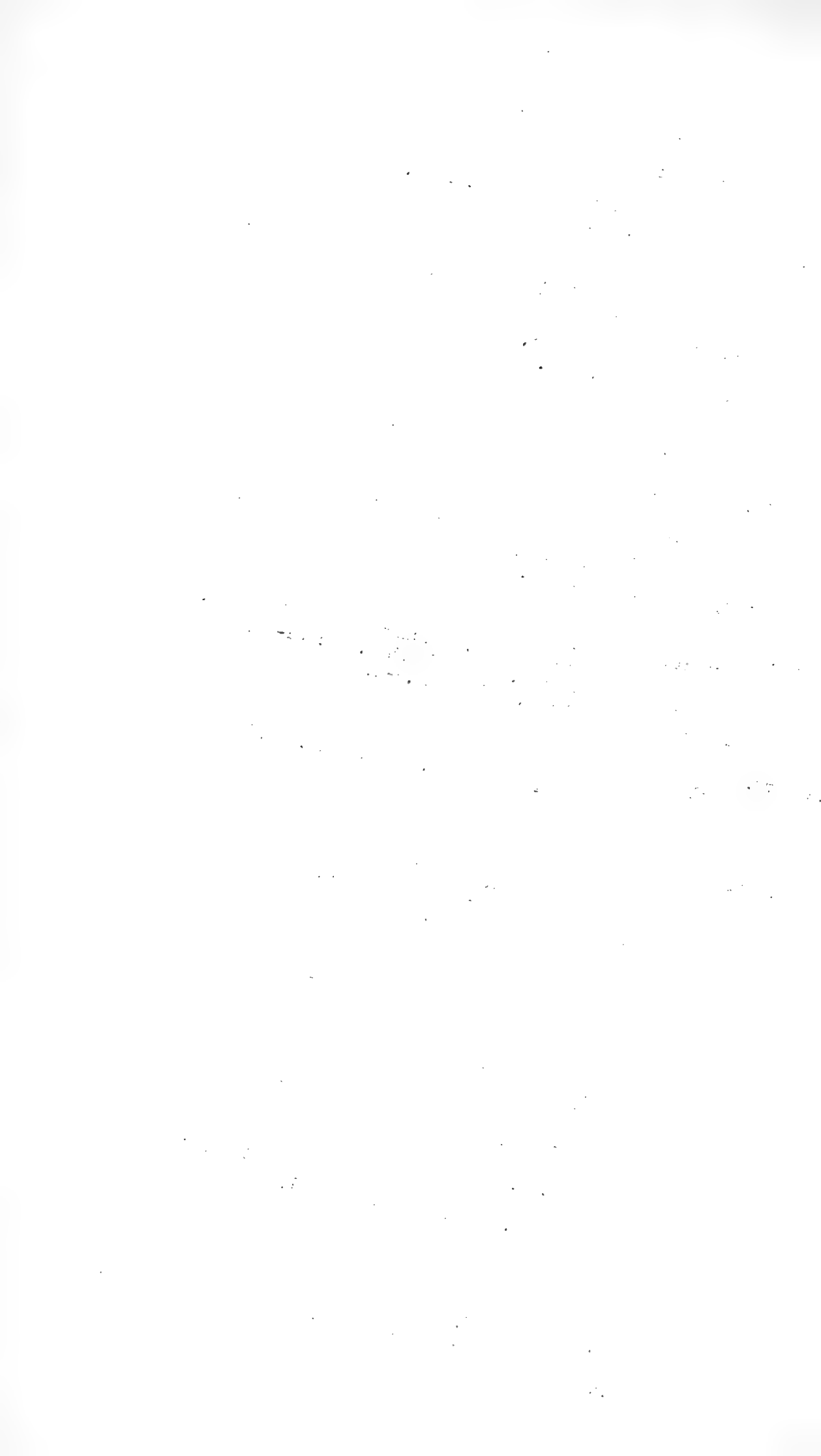
Kelley, A. P.

Myrica carolinensis, new to Chester County, Pennsylvania. Torreya. 24: 51. My.-Je. 1924. no.3.

McAtee, W. L.

Trilisa on the market. Torreya. 24: 50. My.-Je. 1924. no.3.

Basal leaves dried and sold for incorporation into smoking tobacco.



Torreyia (cont.)

Medsger, O. P.

The man-of-the-earth or wild potato vine.

Torreyia. 24: 39-41. pl.3. My.-Je.1924. no.3.

Ipomoea pandurata.

Murrill, W. A.

Fungi at Woodstock, New York. Torreyia. 24:
47-48. My.-Je. 1924 no.3.

Small, J. K.

Onobrychis onobrychis (L.) Rydb. in the Eastern
United States. Torreyia. 24: 48-49. My.-
je. 1924. no.3.

Stewart, R. R.

Alpine plants of Kashmir. Torreyia. 24: 41-
44. My.-Je 1924. no.3.

Trav. Office Nat. Mat. Prem. Veg. France.

Ripert, Jean.

Sur la culture en France, du black mint de Mitcham.
Trav. Off. Nat. Mat. Prem. Veg. France. no.17. 12 p.
Mr. 1924.

Mentha piperita.

Tree Talk.

Clinton, G. P.

Varietal susceptibility of apples to diseases and
injuries. Tree Talk. 6: 14-15. 1924. no.1.

Codding, G. M.

Frost cracks. Tree Talk. 6: 5-6. illus.
1924. no. 1.

Dodge, A. W.

Root injuries. Tree Talk. 6: 29-31. 1924.
no.1.

Die Umschau.

Zeuner, Gustav.

Wilhelm Hofmeister (Zu seinem 100. geburtstag am
18 Mai, 1924) Die Umschau. 28: 388-389, My.24,
1924. no.21.

Univ. Calif. Publ. Bot.

Maxon, W. R.

Report upon a collection of ferns from Tahiti.
Univ. Calif. Publ. Bot. 12: 17-44, pl. 1-6. My.
1924. no.2.

Verslag. Landb. Onderz. Rijkslandbouwproefst.

Leendertz, I. K.

Het herkennen van *Festuca ovina* L. en *Festuca*
rubra L. meer speciaal aan de Zaden. Verslag.
Landb. Onderz. Rijkslandbouwproefst. 29: 201-207.
plates. 1924.

Geraadpleegde literatuur: p. 205-206.

English summary (The Identification of *Festuca*
rubra L. and *Festuca ovina* L. especially by their
seeds): p. 206-207.

Vie Agr. et Rur.

Gard, Mederic.

L'apoplexie de la vigne. Vie Agr. et Rur.
24: 343-344. My.31, 1924. no.22.

Maladies de l'artichaut. Vie Agr. et Rur.
24: 332. Je.14, 1924. no.24.

Sèvegrand, P.

Le piétin des céréales. Vie.Agr. et Rur.
24: 341-342. My.31. 1924. no.22.

West India Comm. Circ.

Preserving power of sugar. Dr.Thompson's remarkable
testimony. West India Comm. Circ. 39: 158.
Ap. 24, 1924.

Zeitschr. Bot.

Stocker, Otto.

Beiträge zum halophytenproblem. Oekologische
untersuchungen an strand- und dünenpflanzen des
Dauss(Vorpommern) Zeitschr. Bot. 16: 289-330.
illus. 1924. no.6.

Zitierte literatur: p.329-330.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Boedijn, K.

Die chromosomen von *Oenothera lamarckiana*, mut.
simplex. Zeitschr. Indukt. Abstamm. Vererbungsl.
24: 71-76. pl. 1. 1921. (rec'd Je. 1924.)

Frimmel, Franz von.

Notiz über dominanzverhältnisse bei fuchsien-
bastarden. Zeitschr. Indukt. Abstamm. Verer-
bungsl. 24: 279-281. 1921. (Rec'd Je. 1924)

Zeitschr. Landw. Versuchsw. Deutschösterreich.

Dafert, Otto.

Versuch über den einfluss der standweite auf den
gehalt an ätherischen öl von *Salvia officinalis* L.
Zeitschr. Landw. Versuchsw. Deutschösterreich. 26:
101-104. D.1923.

Schindler, Hans.

Untersuchungen über den zusammenhang zwischen
dem landwirtschaftlichen wert der wiesengräfer
und ihrem anatomischen bau. Zeitschr. Landw.
Versuchsw. Deutschösterreich. 26: 1-76. D. 1923.
Verzeichnis der wichtigsten literatur: p. 75-76.

Exper. Stat. Publ.

Cary, C.A., Miller E.R. & Johnstone, G.R.

Poisonous plants of Alabama. Alabama
Polytechn. Inst. Ext. Serv. Circ. 71. 42 p. illus.
My.1924.

References: p. 42.

Newell, Wilmon.

Preliminary report on experiments with the tung-
oil tree in Florida. Florida Agr.Exp.Stat.Bull.
171. p.193-234. illus. My.1924.



Exper. Stat. Publ. (cont.)

Edgerton, C. W.

[Report of the] Department of plant pathology.
1923. Louisiana Agr. Exp. Stat. Ann. Rep. 35th.
p.28-30. 1924.

Robbins, W. J.

[Report of the Dept. of] botany. 1922/23.
In Rep. Dir. Missouri Agr. Exp. Stat. 1922/23.
Missouri Agr. Exp. Stat. Bull. 210. p.41-42.
F.1924.

Hartman, Henry.

The relation of humidity to the texture, weight
and volume of filberts. Oregon Agr. Exp. Stat.
Bull 202. 22 p. illus. Ap. 1924.

Relation of environment to health and disease in
plants. Wisconsin Agr. Exp. Stat. Bull. 362.
p. 47-49. illus. Mr. 1924 (Rec'd My.)

State Publications.

Lyle, Clay.

Watermelon anthranose (*Colletotrichum lagenarium*)
In his Controlling melon pests. Quart.Bull. Miss.
State Plant Board. 4: 29. Ap. 1924. no.1.

Neal, D. C. & Barker, H. D.

Important tomato diseases of Mississippi.
Quart. Bull. Miss. State Plant Board. 4: 7-24. illus.
Ap. 1924. no.1.

Damping-off. Early blight, Mosaic, Blossom-end
rot, Wilt.

New Books.

Bonnier, G.E.M.

Flore complète illustrée en couleurs de France,
Suisse et Belgique... v.7. fasc 68. Neuchatel,
1924?

Jones, M. E.

Revision of North-American species of *Astragalus*.
Salt Lake City, 1923.

Text distr. F.15; plates, Je.20.

Maiden, J. H.

The forest flora of New South Wales. v.8, pt.6.
Sydney, 1924.

Morstatt, H.

Einführung in die pflanzenpathologie. Berlin,
Borntraeger, 1923.

Setchell, W. A.

American Samoa: Pt. 1. Vegetation of Tutuila
Island. Pt.11. Ethnobotany of the Samoans. Pt.111.
Vegetation of Rose Atoll. Washington, June,
1924 (Carnegie Inst. Wash. Publ. 341.)
Dept. Marine Biol. Carnegie Inst. v.XX.

New Books, (cont.)

Shamel, A. D.

The improvement of sugar cane through bud selection, report for 1923. Honolulu, 1924.
134 p. illus. 26 cm.

United fruit company. Agricultural research dept.

The mosaic disease of sugar cane in 1923.
1923.

Foreword signed J.R. Johnston.

Translations available in the Bur of Plant Industry Library.

Bauch, Robert.

Ustilago longissima and its variety *macrospora*
(Ueber *Ustilago longissima* und ihre varietät *macrospora*)
Zeitschr. Bot. 15: 241-279. illus., pl.iii.
1923. no.5.

Literature cited: p. 278.

Pfundt, Max.

Influence of humidity of the air on the life of pollen (Welchen einfluss über die luftfeuchtigkeit auf die lebensdauer des pollens aus?) Jahrb. Wiss. Bot. 47: 9-15. 1910.



Agr. Gaz. N.S.W.

Blakely, W. F.
Prolific weeds. Agr. Gaz. N.S.W. 35: 346-
348. My. 1924. no.5.

Shelton, J. P.
Breeding wheats resistant to flag smut. Agr.
Gaz. N.S.W. 35: 336-338. My. 1924. no.5.
References quoted: p. 338.

Agr. Nouvelle.

Dufoux, A.
Le mildiou est a craindre. Viticulteurs, ne laissez
pas envahir vos vignes. Agr. Nouvelle. 34: 327.
illus. Je.14, 1924. no.1420.

Mottet, S.
Deux beaux arbustes a floraison estivale. Agr.
Nouvelle. 34: 371-372. illus. Je.28, 1924.
no.1421.
Bignonia radicans, B.grandiflora.

Agric. Colon.

Fiori, A.
La flora dell'Isola di Rodi. Agric. Colon.
18: 161-168. pl. i-iv. My.-Je. 1924. no.5-6.

Amer. Bot.

Clute, W.N.
Common names of heathworts. Amer. Bot. 30:
124-125. Jl. 1924. no.3.

Clute, W.N.
The cornelian cherry. Amer. Bot. 30: 120-
121. Jl. 1924. no.3.
Cornus mas.

Clute, W.N.
Grass nut. Amer. Bot. 30: 128-129. Jl.
1924. no.3.
Calydorea texana.

Clute, W.N.
Plant names and their meanings XX. Malvaceae.
Amer. Bot. 30: 103-109. Jl. 1924. no.3.

Clute, W.N.
Rhubarb leaves poisonous. Amer. Bot. 30: 122.
Jl. 1924. no.3.

Clute, W.N.
The spring beauties. Amer. Bot. 30: 95-96.
Jl. 1924. no.3.
Claytonia virginica, C.caroliniana.

Lycon, C. J.
A freak Erythronium. Amer. Bot. 30: 123-124.
Jl. 1924. no.3.
Erythronium americanum.

Amer. Bot. (cont.)

The pioneers of botany. Amer. Bot. 30: 99-103.
Jl. 1924. no.3.

Stancliff, J.O.

The taros of Tahiti and the Marquesas. Amer.
Bot. 30: 110-111. Jl. 1924. no.3.

Amer. For. & For. Life.

Ricalton, J.

A famous tree of Mexico. Amer. For. & For.
Life. 30: 433. illus. Jl. 1924. no.367.
"Noche Triste Tree" in the City of Mexico.

Amer. Journ. Bot.

Brink, R.A.

The physiology of pollen, III. Growth in vitro
and in vivo. Amer. Journ. Bot. 11: 351-364.
pl. xix-xx. Je. 1924 no.6.

Gustafson, F.G.

Total acidity compared with actual acidity of
plant juices. Amer. Journ. Bot. 11: 365-
369. Je. 1924. no.6.

Merrill, E.D. & Lee, H.A.

A consideration of the species *Citrus maxima*
(Burm.) Merrill. Amer. Journ. Bot. 11: 382-
384. illus. Je. 1924. no.6.

Ocfemia, G.O.

The Helminthosporium disease of rice occurring
in the southern United States and in the Philippines.
Amer. Journ. Bot. 11: 385-408. pl. xxii-xxvii.
Je. 1924. no.6.

Literature cited: p. 405.

Pessin, L. J.

A physiological and anatomical study of the
leaves of *Polypodium polypodioides*. Amer. Journ.
Bot. 11: 370-381. illus., pl. xxi. Je. 1924.
no.6.

Literature cited: p. 381.

Uphof, J.C.T.

The plant formations on the coral reefs along
the northern coast of Cuba. Amer. Journ. Bot.
11: 409-416. illus., pl. xxviii. Je. 1924. no.6.

Amer. Journ. Sci.

Dr. Dean Conant Worcester. Amer. Journ. Sci.
V, 8: 110. Jl. 1924. no.43.

Ann. Géogr.

Sorre, M.

Observations sur la végétation du Maroc. Ann.
Géogr. 33: 257-266. My. 1924. no.183.

Ann. Rep. Cotton Res. Bd. Min. Agr. Egypt.

Shearer, E.

Cotton wilt. In Experimental work on cotton,
1922. Ann. Rep. Cotton Res. Bd. Min. Agr. Egypt.
3: 37-40. 1924.

Shearer, E.

Sore-shin. In Experimental work on cotton,
1922. Ann. Rep. Cotton Res. Bd. Min. Agr. Egypt.
3: 27-37. 1924,
Damping off.

Arch. Protistenk.

Pascher, A.

Zur homologisierung der chryomonadencysten
mit den endosporen der diatomeen. (Mit einem anhang
"über typische und atypische chryomonadencysten")
Arch. Protistenk. 48: 196-203. illus. Je. 1924.
no.1.

Scherffel, A.

Ueber die cyste von Monas. Arch. Protistenk,
48: 187-195. illus. Je. 1924. no.1.
Literaturverzeichnis: p. 195.

Skvortzow, B.W.

Farblose euglenaceen aus Nord-Mandschurei
(China) Arch. Protistenk. 48: 180-186.
illus. Je. 1924. no.1.

Arch. Suikerind. Ned. Indië.

Bremer, G.

Onderzoek over de afstervingstemperatuur van
Bacterium herbicola. Arch. Suikerind. Ned.-
Indië. 1924, p.55-64. no.3.

Kuyper, J.

Het optreden van strepenziekte in den West-
moesson van 1923-1924. Arch. Suikerind. Ned.-
Indië. 1924, p.141-150. no.5.

Ber. Deut. Chem. Ges.

Falck, R. & Van Beyma thoe Kingma.

Methodisches und prinzipielles zur darstellung
organischer säuren auf biologischem wege mit hilfe
von fadenpilzen. Ber. Deut. Chem. Ges.
57: 915-920. Je.11, 1924. no.6.

Falck, R. & Kapur, S.N.

Ueber gluconsäure-bildung durch fadenpilze.
Ber. Deut. Chem. Ges. 57: 920-923. Je.11,
1924. no.6.

Better Crops.

Gregory, C.T.

Killing the loose smut of wheat. Better Crops.
v.2, no.3. p.30-31, 41. illus. My. 1924.

Hansen, A.A.

Prussic acid poisoning in livestock - a real
problem. Better Crops. v.2, no.3. p.26-27,
38. illus. My. 1924.
Wild cherry, sorghum.

Bol. Mus. Nac. Rio de Janeiro.

Diogo, J. C.

Especies novas do herbario da secção de botanica do Museu nacional do Rio de Janeiro. Bol. Mus. Nac. Rio de Janeiro. 1: 27-30. N. 1923, (Rec'd. Je. 1924.

Bot. Tidsskr.

Friderichsen, K.

To for Danmark nye rubi. Bot. Tidsskr. 38: 176-177. 1924. no.3.

Rubus schlechtendalii, *R. fioniae*.

Herring, P.

Fosdalens roser. Bot. Tidsskr. 38: 201-216. 1924. no.3.

Citeret literatur: p. 215-216.

Ostenfeld, C.H.

Smaa bidrag til den danske flora VIII. Bot. Tidsskr. 38: 168-176. 1924. no.3.

Petersen, H. E.

Studier over polymorphien hos *Vaccinium uliginosum* L. Bot. Tidsskr. 38: 217-240. illus. 1924. no.3.

French résumé: (Études sur la polymorphie du *Vaccinium uliginosum* L.): p.239-240.

Rosenvinge, L. K.

Albert Klöcker. Bot. Tidsskr. 38: 186-187. port. 1924. no.3.

Rosenvinge, L.K.

N. Wille. Bot. Tidsskr. 38: 189-190. 1924. no.3.

Rosenvinge, L.K.

Otto Nordstedt. Bot. Tidsskr. 38: 190-191. 1924. no.3.

Wiinstedt, K.

Juncus tenuis Willd. i Danmark. Bot. Tidsskr. 38: 177-179. 1924. no.3.

Bryologist.

Beals, A.T.

How I find Ephemera. Bryologist. 27: 46-49. illus. My. 1924. no.3.

Chamberlain, E.B.

Joseph Jackson. Bryologist. 27: 54. My. 1924. no.3.

Evans, A.

Report on the Hepaticae of Nebraska. Bryologist. 27: 49-52. My. 1924. no.3.

Bryologist (cont.)

Williams, R.S.

Calapagos and Cocos Island mosses collected by
Alban Stewart in 1905-6. Bryologist. 27:
37-44. pl. v-viii. My. 1924. no. 3.
Abstract. Journ. N.Y. Bot. Gard. 25: 175.
Je. 1924.

Bull. Econ. Madagascar.

Jaeglé, E.

Au sujet de diverses dénominations concernant des
plantes de Madagascar. Bull. Econ. Madagascar.
v. 20, no. 3-4. p. 131-133. 1923. (Rec'd Jl. 1924)

Louvel,

Note sur les bois de Madagascar (cont.)
Bull. Econ. Madagascar. v. 20, no. 3-4. p. 183-
198. plates. 1923. (Rec'd Jl. 1924)

Poisson, H.

Notice documentaire sur le "betatra". Bull.
Econ. Madagascar. v. 20, no. 3-4. p. 127-129. pl.
1923. (Rec'd Jl. 1924)
Jatropha mahafalensis.

Bull. Maryland Acad. Sci.

Hitch, E.

Botrychium simplex. Bull. Maryland Acad.
Sci. v. 4, no. 3. p. 12-13. Jl. 1924.

Bull. Misc. Inform. Kew.

Burtt-Davy, J.

New or noteworthy South African plants VI.
Bull. Misc. Inform. Kew. 1924, p. 223-233. no. 5.

Gamble, J.S.

Notes on the flora of Madras, V. Bull.
Misc. Inform. Kew. 1924, p. 235-239. no. 5.

H , J.H.

Strychnos cinnamomifolia Thwaites var. *wightii*.
Bull. Misc. Inform. Kew. 1924, p. 240. no. 5.

Kew, Royal gardens.

New orchids: decas L. Bull. Misc. Inform.
Kew. 1924, p. 199-206. no. 5.

Professor J.E.B. Warming, Bull. Misc. Inform.
Kew. 1924, p. 239-240. no. 5.

Riley, J.A.M.

Contributions to the flora of Sinaloa V.
Bull. Misc. Inform. Kew. 1924, p. 206-222.
no. 5.

Robyns, W.

Revision of the genus *Sphaeranthus*. Bull.
Misc. Inform. Kew. 1924, p. 177-199. illus. no. 5.

- Bull. So. Calif. Acad. Sci.
Davidson, A.
Zygadenus diegoensis n. sp. Bull. So. Calif.
Acad. Sci. 23: 105. My-Je. 1924. no. 3.
- Calif. Citrogr.
Fawcett, H.S.
Shell bark (decorticosis) of lemon trees - Some
investigations and observations. Calif.
Citrogr. 9: 330. illus. Jl. 1924. no. 9.
- Canad. Hort.
Berkeley, G.N.
Brown rot of stone fruits. Canad. Hort.
47: 165. Jl. 1924. no. 7.
- Compt. Rend. Acad. Sci. Paris.
Brilliant, B.
Le teneur en eau dans les feuilles et l'énergie
assimilatrice. Compt. Rend. Acad. Sci. Paris.
178: 2122-2125. Je. 16, 1924. no. 25.
- Colin, H.
Betterave sucrière et betterave fourragère.
Compt. Rend. Acad. Sci. Paris. 178: 2120-2122.
Je. 16, 1924. no. 25.
- Maige, A.
Le différents stades de la condensation
amylogène. Compt. Rend. Acad. Sci. Paris.
178: 1998-2000. Je. 10, 1924. no. 24.
- Vuillemin, P.
Anomalies des feuilles par alloplasia. Compt.
Rend. Acad. Sci. Paris. 178: 2036-2038. Je. 16,
1924. no. 25.
- Contr. U.S. Nat. Herb.
Popenoe, W.
Economic fruit-bearing plants of Ecuador. Contr.
U.S. Nat. Herb. 24: 101-134. pl. 34-49. 1924.
no. 5.
- Country Life.
Grove, A.
Osmanthus delavayi. Country Life. 55: 1056-
1057. illus. Je. 28, 1924. no. 1434.
- Curt. Bot. Mag.
Curt. Bot. Mag., v. 149, pt. 3. Je. 1924.
Rhododendron calostrotum. 4 p. col. pl. 9001.
Boykinia tellimoides. 3 p. col. pl. 9002.
Veronica canescens. 2 p. col. pl. 9003A.
Cassiope selaginoides. 4 p. col. pl. 9003B.
Magnolia wilsonii. 3 p. col. pl. 9004.
Pentas coccinea. 3 p. col. pl. 9005.
Lysionotus pauciflorus. 3 p. col. pl. 9006.
Spencera ramalana. 4 p. col. pl. 9007.
Photinia davidiana. 4 p. col. pl. 9008.
Chamaebuxus vayredae. 4 p. col. pl. 9009.
Pimelea prostrata. 4 p. col. pl. 9010.
Dendrobium laevifolium. 4 p. col. pl. 9011.
Centradenia floribunda. 3 p. col. pl. 9012.

Facts about sugar.

Brandes, E.W.

Mosaic's role in limiting Louisiana yields,
Effects of disease amply proven by data - Agri-
cultural department active in search for new cane
varieties. Facts about Sugar. 18: 610-611.
Je.28, 1924. no.26.

Farm Advocate.

Collar rot in apples. Farm. Advocate. 59:
1005. illus. Jl.3, 1924. no.1658.

Feuille Nat.

Bouget, J. & Davy de Virville, A.

Gentiana verna L. et *Thymus serpyllum* L. Disper-
sion en altitude et floraison dans le massif du
Pic-Du-Midi. Feuille Nat. 45: 11-15. Mr.
1924. no.1. (Rec'd Jl.)

Molliard, M.

Deux cas remarquables de virescence florale.
Feuille Nat. 45: 41-44. My. 1924. (Rec'd Jl.)
no.3.

Molliard, M.

Phosphorescence présentée par le bois de
peuplier. Feuille Nat. 45: 21-22. illus.
Mr. 1924 (Rec'd Jl.) no.1.

Flora.

Goebel, K.

Archegoniatenstudien XVI. Flora. 117:
91-132. illus. 1924. no.1/2.

Goebel, K. & Süssenguth, K.

Beiträge zur kenntnis der südamerikanischen
burmanniaceen. Flora. 117: 55-90. illus.,
pl. ii-iii. 1924. no.1/2.
Literatur: p. 90.

Gscheidle, A.

Ueber hausterienbildung in der gattung *Veronica*
und ihre systematische wertung. Flora. 117:
144-172. illus. 1924. no.1/2.
Literatur: p. 171-172.

Miehe, H.

Entwicklungsgeschichtliche untersuchung der algen-
symbiose bei *Gunnera macrophylla* Bl. Flora. 117:
1-15. illus. 1924. no.1/2.
Literatur: p. 15.

Schlimbach, H.

Beiträge zur kenntnis der samenanlagen und samen
der amaryllidaceen mit berücksichtigung des wasser-
gehaltes der samen. Flora. 117: 41-54. 1924,
no.1/2.

Wichtigste literatur: p. 54.

The first part of the document
 discusses the general principles
 of the system. It is divided into
 several sections, each dealing with
 a different aspect of the problem.
 The second part of the document
 contains a detailed description of
 the system. It includes a list of
 the components and a description of
 their functions. The third part of
 the document contains a description of
 the system's operation. It includes
 a list of the steps and a description
 of the results. The fourth part of
 the document contains a description of
 the system's maintenance. It includes
 a list of the tasks and a description
 of the tools.

The first part of the document
 discusses the general principles
 of the system. It is divided into
 several sections, each dealing with
 a different aspect of the problem.

The second part of the document
 contains a detailed description of
 the system. It includes a list of
 the components and a description of
 their functions.

The third part of the document
 contains a description of the system's
 operation. It includes a list of the
 steps and a description of the results.

The fourth part of the document
 contains a description of the system's
 maintenance. It includes a list of the
 tasks and a description of the tools.

The fifth part of the document
 contains a description of the system's
 performance. It includes a list of the
 metrics and a description of the results.

The sixth part of the document
 contains a description of the system's
 future development. It includes a list
 of the goals and a description of the
 plan.

Flora (cont.)

Schachner, J.
Beiträge zur kenntnis der blüten-und samenent-
wicklung der scitamineen. Flora. 117: 16-40.
pl. i. 1924. no.1/2.
Literaturverzeichnis: p. 39.

Wetzel, K.
Beitrag zur anatomie der saughaare von bromelia-
ceen. Flora. 117: 133-143. illus. 1924. no.1/2.

Floralia.

Keulen, K.van.
Aaltjesziekte bij aardappelen. Floralia. 45:
411. Je.27, 1924. no.26.

Flow. Grow.

Brown, C.W.
Gladiolus nomenclature (cont.) Flow. Grow.
11: 287. Jl. 1924. no.7.

Robinson, C.H.
Springtime flowers of the sand dunes. Flow.
Grow. 11: 254-255. illus. Jl. 1924. no.7.

Soares, A.J.
Lupines. Flow. Grow. 11: 281-282. illus.
Jl.1924. no.7.

Tomlinson, A.H.
The gladiolus. Flow. Grow. 11: 285-286.
Jl. 1924. no.7.

Garden.

Bean, W.J.
Enkianthus. Garden. 88: 429-430. illus.
Je.21, 1924. no. 2744.

Correvon, H.
A few rare creeping plants. Garden. 88:
431-432. illus. Je.21, 1924. no.2744.

Cox, E.H.M.
Wisley gardens. Garden. 88: 450-451.
illus. Je.28, 1924. no.2745.

Johnson, A.T.
Summer-flowering hardy heaths. Garden. 88:
448-449. illus. Je.28, 1924. no.2745.

Laplace, F.
A discourse on Nymphaeas I- Garden. 88:
445-446. illus. Je.28, 1924. no.2745.

Gard. Chron.

Druce, G.C.
Two new British plants. Gard. Chron. III,75:
394. Je.28, 1924. no.1957.
Carex microglochis, Rumex arifolius.

Turrill, W.B.
The present and past distribution of Rhododendron
ponticum. Gard. Chron. III,75: 378-379. Je.21,
1924. no.1956.



Gard. Chron. (cont.)

Ward, F.K.

Mr. F. Kingdon Ward's eighth expedition in
Asia. III. Across the Himalaya. Gard. Chron.
III, 75: 381-382. Je. 21, 1924. no. 1956.

Gartenw.

Dannhauer, F.

Azalea indica. Ihre anzuchte, kultur und treiberei.
Gartenw. 28: 244-245. illus. Je. 6, 1924. no. 23.

Schindler,

Wurzelentwicklung. Gartenw. 28: 248-249.
illus. Je. 6, 1924. no. 23.

Werth, A.J.

Stickstoffsammelnde bakterien. Gartenw. 28:
263-264. illus. Je. 13, 1924. no. 24.

Gartn.-Tid.

Weber, A.

Tomat- og agurksygdomme (cont.) Gartn.-
Tid. 40: 289-293, 302-304. illus. Je. 17, 24,
1924, no. 25, 26.

House and Gard.

Durand, H.

An all-American rock garden. House & Gard.
46: 78-79, 106, 108, 110. illus. Jl. 1924. no. 1.
Millbrook, N.Y. Tribute garden.

Wilson, E.H.

The brilliant gaiety of Azaleas. House & Gard.
46: 56-57, 100, 102, 104. illus. Jl. 1924. no. 1.

Illus. Landw. Zeit.

Heckmanns, F.

Zur frage der kartoffelbeizung mit uspulun und
uspulun-bolus. Illus. Landw. Zeit. 44: 247-249.
illus. Je. 13, 1924. no. 24.

Staudte, O.

Erfahrungen bei künstlichen kartoffelkreuzungen.
Illus. Landw. Zeit. 44: 235-236. illus. Je. 6, 1924.
no. 23.

Irish Nat.

Stelfox, A.W.

Saxifraga umbrosa native in the Wicklow Moun-
tains. Irish Nat. 33: 60-61. Je. 1924.
no. 6.

Izvest. Sel'sko-Khoz. Inst. Samara.

Bachtin, V.

Prof. Faust Fungi parasitic in distr. Busuluk
prov. Samara anno 1922 collecti. Izvest. Sel'sk.
Khoz. Inst. Samara. 1: 149. 1923. (Rec'd Jl. 1924)

Bachtin, V.

Register der parasitenpilzen gesammelten in Tishin-
gan, Syr-Darjo gebiet im sommer 1922. Izvest.
Sel'sko-Khoz. Inst. Samara. 1: 150. 1923.
Collected by A. Belova. (Rec'd Jl. 1924)

Izvest. Sel'sko-Khoz. Inst. Samara. (cont.)

Bachtin, V.

Zur mykologief flora des gouvernements Samara. Register der parasitenpilzen gesammelt in kreise Samara. Izvest. Sel'sko-Khoz. Inst. Samara. 1: 147-148. 1923. (Rec'd Jl. 1924)

Journ. Agr. Prat.

Gaudot, G.

Sur la dégénérescence des pommes de terre.

Journ. Agr. Prat. 41: 498-499. col. pl. Je. 21, 1924. no. 25.

Journ. Agr. Res.

Coville, F. V.

Grossularia echinella, a spiny-fruited gooseberry from Florida. Journ. Agr. Res. 28: 71-74. pl. 1. Ap. 5, 1924 (Rec'd Je.) no. 1.

Tapke, V. F.

Effects of the modified hot-water treatment on germination, growth, and yield of wheat. Journ. Agr. Res. 28: 79-97. pl. 1-5. Ap. 5, 1924 (Rec'd Je.) no. 1.

Literature cited: p. 97.

Journ. Dept. Sci. Univ. Calcutta.

Brühl, P. & Dutta, A.

Commentationes phytomorphologicae et phyto-physiologicae III. Eichhornia studies. Journ. Dept. Sci. Univ. Calcutta. 6(Bot.): 3-8. pl. i-ii. 1924.

Journ. N.Y. Bot. Gard.

Boynton, K. R.

Tulips in the Botanical garden. Journ. N.Y. Bot. Gard. 25: 168-172. illus., pl. 293. Je. 1924. no. 294.

Howe, M. A.

Notes on algae. Journ. N.Y. Bot. Gard. 25: 175-176. Je. 1924. no. 294.

Abstract of report before Conf. Sci. Staff & Registered students, Ap. 2, 1924.

Stout, A. B.

The flowers and seed of sweet potatoes. Journ. N.Y. Bot. Gard. 25: 153-168. illus., pl. 292. Je. 1924. no. 294.

Journ. Soc. Nat. Hort. France.

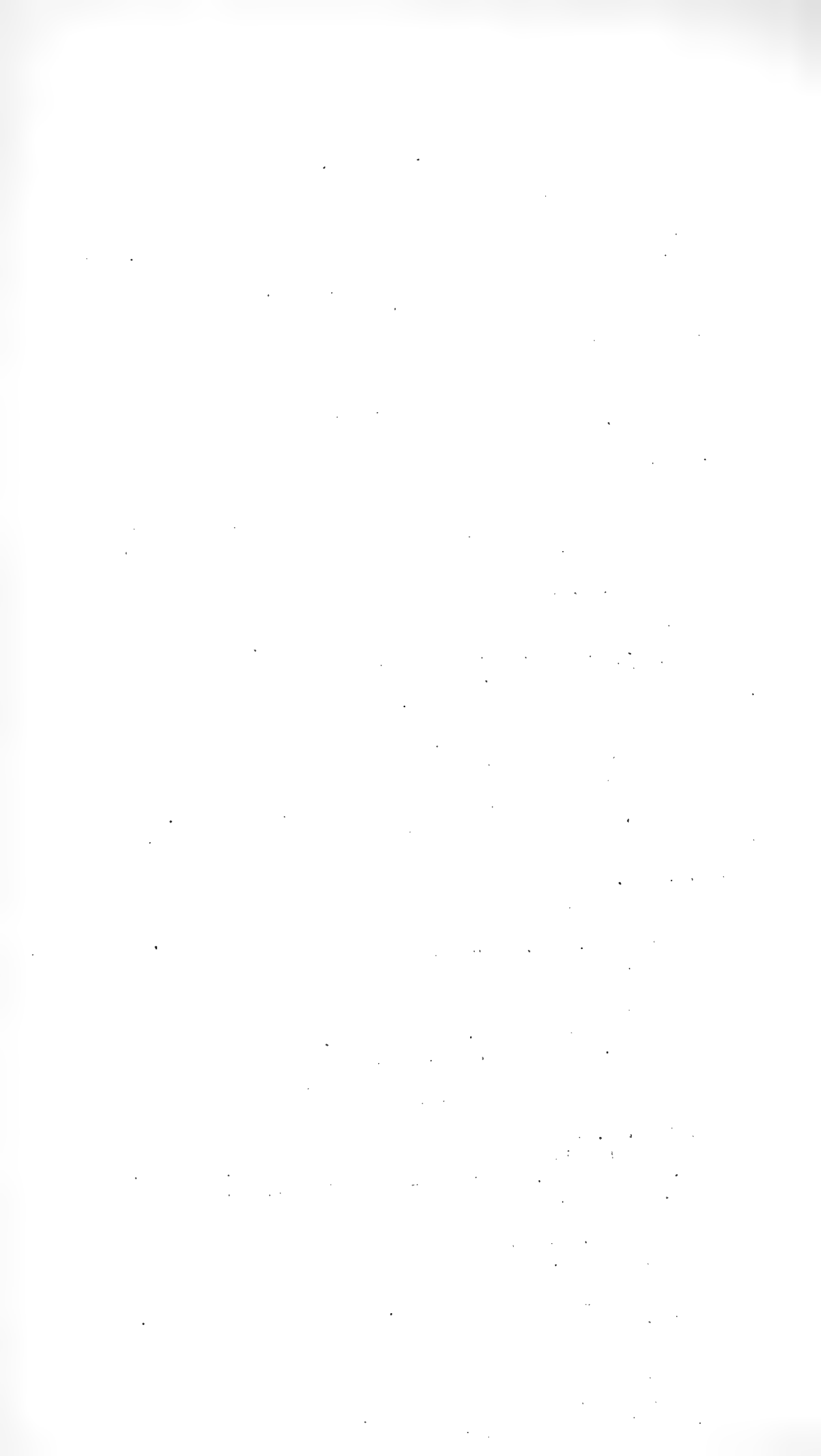
Foéx, Etienne.

Quelques mots sur la politique phytopathologique. Journ. Soc. Nat. Hort. France. IV, 25: 151-156. My. 1924.

Kosmos.

Fehlinger, H.

Grönlands pflanzenwelt gegenwart und vergangenheit. Kosmos. 1924, p. 153-156. illus. no. 6.



Landw. Jahrb.

Bremer, H.

Untersuchungen über biologie und bekämpfung des erregers der kohlhornie. Plasmodiophora brassicae Worcin. 2. mitt. Kohlhornie und bodenazidität. Landw. Jahrb. 59: 673-685. My. 1924. no.5.

Literaturverzeichnis: p. 685.

Louisiana Plant.

Johnston, J. R.

The mosaic disease of sugar cane. Louisiana Plant. 73: 10-11. illus. Jl. 5, 1924. no. 1.

Mitt. Deut. Landw. Ges.

Roemer, T.

Zielbewusste regulierung der bestäubung bei den fremdbefruchtenden pflanzen. Mitt. Deut. Landw. Ges. 39: 443-445. Je. 21, 1924. no. 25.

Nachrichtenbl. Deut. Pflanzenschutzd.

Lüstner, G.

Die weiterentwicklung der kropfmaser des apfelbaumes. Nachrichtenbl. Deut. Pflanzenschutzd. 4: 21-23. illus. Apr., 1924. (Rec'd Jl.) no.4.

Naturwissenschaften.

Gleisberg, W.

Die zellstimulation besonders in ihrer landwirtschaftlichen und gärtnerischen bedeutung. Naturwissenschaften. 12: 501-503. Je. 20, 1924. no.25.

New Jersey Agr.

Martin, W. H.

Yellows and little peach always dangerous. May become epidemic at any time and ruin orchards. New Jersey Agr. v.6,no.7. p.3,7,8. Jl. 1924.

New Zeal. Journ. Agr.

Levy, F. B.

The grasslands of New Zealand Ser. II. The Taranaki back-country. New Zeal. Journ. Agr. 28: 287-300. illus. My. 1924. no.5.

Oesterr. Bot. Zeitschr.

Buxbaum, F.

Diagnosen neuer pflanzen aus süd-Brasilien. I-Oesterr. Bot. Zeitschr. 73: 119-122. illus. Ap.-Je. 1924. no.4-6.

Fritsch, K.

Floristische notizen IX. Betula humilis Schrk. in Kärnten Oesterr. Bot. Zeitschr. 73: 116-118. Ap.-Je. 1924. no. 4-5.

Heimerl, A.

Cirsium khekianum Porta (C. carniolicum x pannonicum). Oesterr. Bot. Zeitschr. 73: 150-151. Ap.-Je. 1924. no.4-6.

Oesterr. Bot. Zeitschr. (cont.)

Keissler, K.

Fungi novi sinenses a Dre. H. Handel-
Mazzotti lecti III. Oesterr. Bot. Zeitschr.
73: 123-123. Ap.-Je. 1924. no.4-6.

Knoll, F.

Pothos celatocaulis N. E. Brown, eine art der
gattung *Raphidophora*. Oesterr. Bot. Zeitschr.
73: 73-85. illus. Ap.-Je. 1924. no. 4-6.

Rosenkranz, F.

Ueber ein eigenartiges vorkommen der schwarz-
föhre (*Pinus nigra*) in Niederösterreich. Oesterr.
Bot. Zeitschr. 73: 110-116. Ap.-Je. 1924. no.4-6.
Literaturverzeichnis: p. 115-116.

Vierhapper, F.

Neue pflanzenhybriden 4. *Trisetum handelii*.
Vierh. Oesterr. Bot. Zeitschr. 73: 128-129.
Ap.-Je. 1924. no.4-6.

Weber, F.

Reizbewegungen an gentianaceen-blüten. Oesterr.
Bot. Zeitschr. 73: 86-109. Ap.-Je. 1924. no.4-6.
Literatur: p. 109.

Winkler, H.

Teratologische notizen III. Oesterr. Bot.
Zeitschr. 73: 132-146. Ap.-Je. 1924. no.4-6.

Perfum. & Essent. Oil Rec.

Penfold, A. R.

The essential oil of *Darwinia grandiflora* and
the presence of a new acetic acid ester. Perfum.
& Essent. Oil Rec. 15: 186-188. Je. 1924. no.6.

Pharm. Journ.

Holmes, E. M.

The use of a collection of seeds. Pharm.
Journ. IV,58: 669-670. Je. 21, 1924. no.3166.

Mellor, E. M.

The countries our drugs come from. XI.
Pharm. Journ. 58: 660-662. Je. 21, 1924. no.3166.

Philipp, Agr.

Crisanto, J.

Rhizopus artocarp: its cultural characters and
its relation to *Rhizopus nigricans*. Philipp. Agr.
12: 465-469. Mr. 1924. no.10.

References: p. 468.

Rhizopus artocarp on jakfruit (*Artocarpus
integra*).

Marquez, S.

Leaf blight of corn. Philipp. Agr. 12:
453-458. Mr. 1924. no.10.

References: p.458.

Phytopath.

Davis, W. H.

Spore germination of *Ustilago striaeformis*.
Phytopath. 14: 251-267. pl. xiv-xvi. Je. 1924.
no. 6.

Literature cited: p. 265-266.

Hayes, H. K., Stakman, E. C., Griffee, F. & Christensen, J.J.

Reactions of selfed lines of maize to *Ustilago*
zaae. Phytopath. 14: 268-280. Je. 1924. no. 6.

Literature cited: p. 280.

Kulkarni, G. S.

Resistance of sorghum to loose and covered smuts.
Phytopath. 14: 288 Je. 1924. no. 5.

Mains, E. B.

Notes on the life history of the snapdragon
rust, *Puccinia antirrhini* Diet. & Holw. Phyto-
path. 14: 281-287. Je. 1924. no. 5.

Pioneer Pecan Press,

Evans, J. A.

Production of varieties. Pioneer Pecan Press.
v. 3, no. 4. p. 9-11. Je. 1924.

Pomol. Franç.

Foex, E., Guyot, L. & Paillot, A.

Quelques précisions sur le *Monilia* de l'abricotier.
Pomol. Franç. 1924, p. 111-115. Je. 1924.

Prakt. Blätt. Pflanzenb. u. Pflanzensch.

Gantner, G.

Die Beurteilung der unkrautsamen im Saatgut.
Prakt. Blätt. Pflanzenb. u. Pflanzensch. 2: 39-43.
My. 1924. no. 2.

Proc. Linn. Soc. N.S.W.

Brough, P.

Preliminary note on the embryo sac of *Styphelia*
longifolia (R.Br.) Proc. Linn. Soc. N.S.W.
48: 674-680. D. 1923. (Rec'd Je. 1924) no. 4.
List of references: p. 679-680.

Cheel, E.

New or noteworthy plants from the National
herbarium, Sydney. I- Proc. Linn. Soc. N.S.W.
48: 681-688. D. 1923 (Rec'd Je. 1924) no. 4.
Dillwynia spinescens, *Diploglottis campbelli*,
n. sp.

Lawson, A. A.

The life-history of *Pherosphaera*. Proc.
Linn. Soc. N.S.W. 48: 499-516. illus., pl. xlv. D.
1923 (Rec'd Je. 1924) no. 4.
Literatur cited: p. 515-516.

Steel, T.

On some abnormal sugar-canes. Proc. Linn.
Soc. N.S.W. 48: 462-464. pl. xxxviii. D. 1924.
(Rec'd Je. 1924) no. 4.

Proc. Linn. Soc. N.S.W. (cont.)

Welch, M. B.

The occurrence of secretory canals in certain myrtaceous plants. Proc. Linn. Soc. N.S.W. 48: 660-673. illus., pl. xlviii-I. D. 1923, (Rec'd Je, 1924) no.4.

References: p. 671-672.

White, C. T.

A new conifer from southern Queensland. Proc. Linn. Soc. N.S.W. 48: 449-450. pl. xxxvii. D. 1924. (Rec'd Je, 1924) no.4.

Callitris baileyi, n.sp.

Williams, M. M.

A contribution to our knowledge of the Fucaceae. Proc. Linn. Soc. N.S.W. 48: 634-646. illus. D. 1923 (Rec'd Je, 1924) no.4.

Bibliography: p. 645-646.

Proc. Nat. Acad. Sci.

Jones, D. F.

Selective fertilization among the gametes from the same individuals. Proc. Nat. Acad. Sci. 10: 218-221. Je, 1924. no.6.

Sax, Karl.

The nature of size inheritance. Proc. Nat. Acad. Sci. 10: 224-227. Je, 1924. No.6.

Bibliography: p. 227.

Setchell, W. A.

Ruppia and its environmental factors. Proc. Nat. Acad. Sci. 10: 286-288. Je, 1924. no.6.

Proc. Nat. Pecan Grow. Assoc.

Demaree, J. B.

Some lessons learned in reference to control of the pecan scab. Proc. Nat. Pecan Grow. Assoc. 22: 29-36. 1923. (Rec'd Jl, 1924)

Proc. Roy. Soc. Edinb.

Bower, F. O.

Remarks on the present outlook on descent. Proc. Roy. Soc. Edinburgh. 44: 1-7. 1924. Issued separately Feb, 11, 1924.

Queensl. Agr. Journ.

Dormer, W. C.

Sugar pests and diseases in the Mackay district. Queensl. Agr. Journ. 21: 363-368. My. 1924. no.5.

Rep. Oper. Dept. Agr. Punjab.

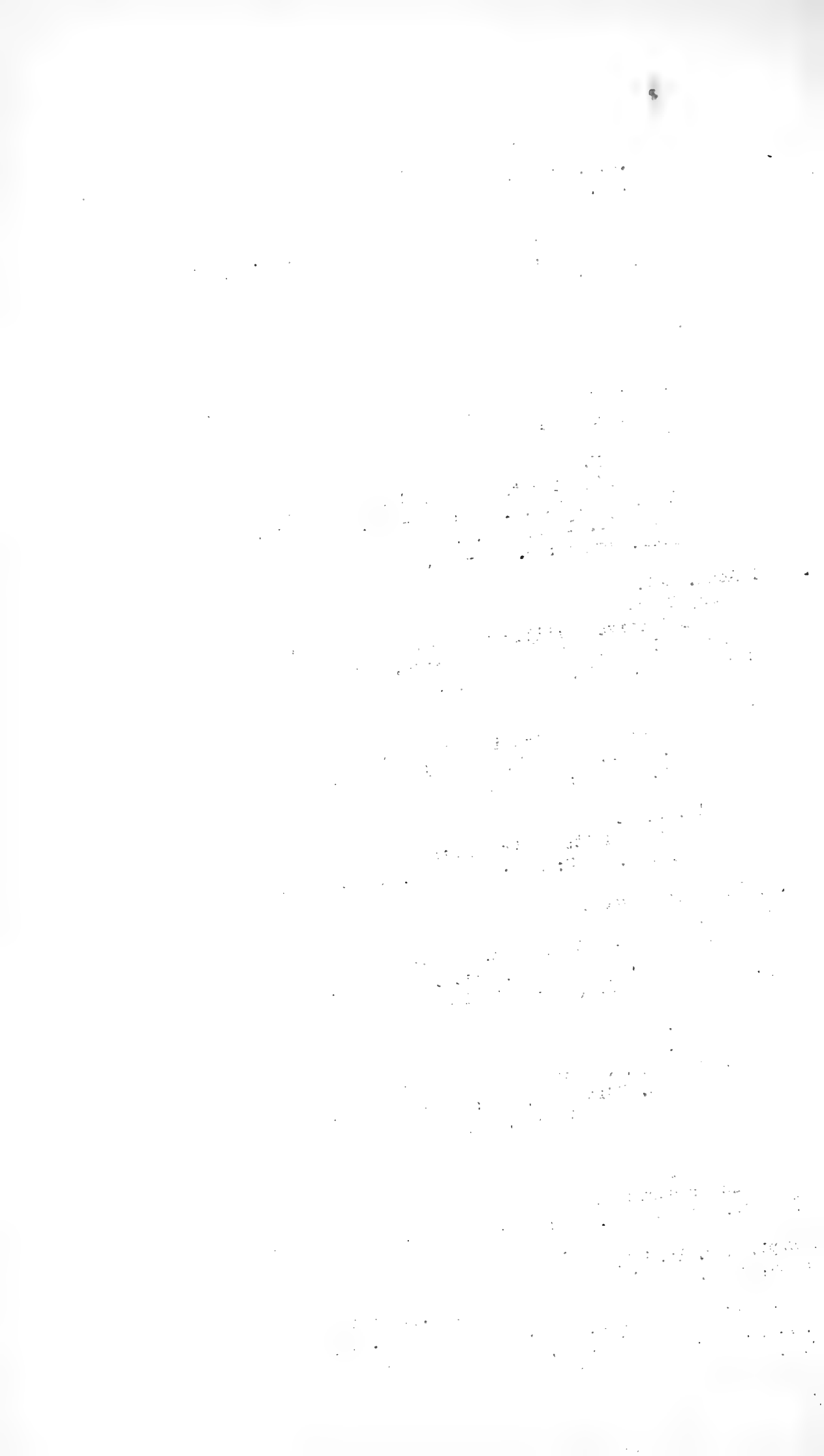
Khan, Y. A.

Report of the economic botanist...for the year ending June 30th, 1923. Rep. Oper. Dept. Agr. Punjab. 1922/23, pt.1. Appendix II. p.vii-xvi. 1924.

Rev. Bot. Appl.

Chevalier, A.

L'exploitation des palétuviers à tanin et leur valeur d'après quelques travaux récents. Rev. Bot. Appl. 4: 340-344. My. 1924. no.33.



Rev. Bot. Appl. (cont.)

Ducomet, V. & Foëx, E.

Les maladies de la pomme de terre. Rev. Bot. Appl. 4: 305-316. My. 1924. no.33.

Kepp, A.

Plantes dont l'huile est utilisée dans la lutte contre la tige. Rev. Bot. Appl. 4: 332-339. My. 1924. no.33.

Rev. Hort.

Bois, Désiré.

Le Felagodoxa henryana Beccari, nouveau palmier de serre chaude. Rev. Hort. 96: 139-140. illus. Je. 16, 1924. no.6.

Jahandiez, E.

Une asclépiadée cactoïde de Maroc. Caralluma hesperidum Maire. Rev. Hort. 96: 134-135. col. pl. Je. 16, 1924. no.6.

Lesourd, F.

Centenaire de Hardy et cinquantième de l'École nationale d'horticulture. Rev. Hort. 96: 127-128. port. Je. 16, 1924. no.6.

Rhodora.

Fernald, M. L.

The dwarf Antennarias of northeastern America. Rhodora. 26: 95-102. pl. 142. My. 1924. no.305.

Fernald, M. L.

The eastern American representatives of Arnica aplina. Rhodora. 26: 103-107. pl. 143. My. 1924. no.305.

Arnica griscomi, n.sp.

Fernald, M. L.

Polystichum mohrioides and some other subantarctic or Andean plants in the northern hemisphere. Rhodora. 26: 98-95. My. 1924. no.305.

New England botanical club.

Reports on the flora of the Boston district. XLVI. Rhodora. 26: 107-111. My. 1924. no.305.

Science.

Arnold, H. L.

Poisoning from castor beans. Science. 59: 577. Je. 27, 1924. no.1539.

Blakeslee, A. F. & Belling, J.

Chromosomal chimeras in the jimson weed. Science. 60: 19-20. Jl. 4, 1924. no.1540.

Johnson, J. & Melvania, M.

A new method of obtaining mosaic "virus." Science. 60: 19. Jl. 4, 1924. no.1540.

Sideris, C. P.

An apparatus for the study of microorganisms in culture solutions under constant hydrogen ion concentrations. Science. 60: 17-19. illus. Jl. 4, 1924. no.1540.

Scient. Agr.

Jackson, V. W.

A standard method of plant survey for agricultural forecast. *Scient. Agr.* 4: 352-357. *Jl.* 1924. no. 11.

References: p. 357.

Sitzungsb. Preuss. Akad. Wiss.

Correns, O.

Ueber den einfluss des alters der keimzellen. I. *Sitzungsb. Preuss. Akad. Wiss.* 1924, p. 70-104. no. 8-9. *Literaturverzeichnis:* p. 104.

I. Dritte forsetzung der versuche zur experimentellen verschiebung des geschlechtsverhältnisses.

Trans. Brit. Mycol. Soc.

Bracher, R.

Notes on *Rhytisma acerinum* and *Rhytisma pseudo-platani*. *Trans. Brit. Mycol. Soc.* 9: 185-186. pl. vii. *Mr.* 1924. no. 3.

References: p. 186.

Ogilvie, L.

Observations on the "slime-fluxes" of trees. *Trans. Brit. Mycol. Soc.* 9: 167-182. *illus.* *Mr.* 1924. no. 3.

References: p. 182.

Robertson, F. C. F.

Homodendron olivaceum (Corda) Bon. - A new British record. *Trans. Brit. Mycol. Soc.* 9: 187. *illus.* *Mr.* 1924. no. 3.

Small, W.

A *Rhizoctonia* causing root disease un Uganda. *Trans. Brit. Mycol. Soc.* 9: 152-166. pl. v-vi. *Mr.* 1924. no. 3.

Watson, W.

The lichens of the Bristol foray. *Trans. Brit. Mycol. Soc.* 9: 133-135. *Mr.* 1924. no. 3.

Wilson, M. & Anderson, R. B.

Observations on *Camarosporium abietis* n. sp. *Trans. Brit. Mycol. Soc.* 9: 144-151. pl. iii-iv. *Mr.* 1924. no. 3.

Bibliography: p. 151.

Wilson, M.

Observations on some Scottish Uredineae and Ustilagineae. *Trans. Brit. Mycol. Soc.* 9: 135-144. *Mr.* 1924. no. 3.

Tectona.

Brandts Buys, J.

Mededeeling over *Pinus merkusii*, in verband met de mogelijkheid van het vestigen van een terponti- en harsindustrie in Ned.-Indië. *Tectona.* 17: 357-371. *plates.* *Ap.* 1924. no. 4.

German résumé: p. 370-371.

Tectona (cont.)

Luytjes, A.

Een en ander over den begroeiingstoestand van Noord-Sumatra en over het voorkomen van den *Finus merkusii* in dit gebied. *Tectona*. 17: 323-350. plates. Ap. 1924. no.4.

Schnepper, W. C. R.

Finus merkusii Jungh. et De Vr. *Tectona*. 17: 352-356. pl. Ap. 1924. no.4.
Litteratuur: p. 356.
German résumé: p. 356.

Through the Leaves.

Jean, F. C.

Water and plant growth. *Through the Leaves*. 12: 353-359. Jl. 1924. no.7.

U. S. Dept. Agr. Bull.

Marsh, C. D. & Clawson, A. B.

The meadow death camas (*Zygadenus venenosus*) as a poisonous plant. U.S. Dept. Agr. Bull. 1240. 13 p. pl. i-ii. Je. 27, 1924.
Literature cited: p. 13.

U. S. Dept. Agr. Plant Disease Report,

Orton, C. R. & Wood, J. I.

Diseases of fruit and nut crops in the United States in 1923. U.S. Dept. Agr. Plant Disease Report, Suppl. 33. p.35-147. Je. 15, 1924.
Mimeographed.

Vierteljahrsschr. Naturf. Ges. Zürich.

Düggeli, M.

Hans Konrad Schellenberg, 1872-1923. *Vierteljahrsschr. Naturf. Ges. Zürich*. 68: 590-592. D. 1923. (Rec'd Je. 1924) no.3-4.

Schinz, H.

Beiträge zur kenntnis der afrikanischen flora (neue folge) XXXI. *Vierteljahrsschr. Naturf. Ges. Zürich*. 68: 420-456. D. 1923. no.3-4.

Schinz, H., ed.

Beiträge zur kenntnis der schweizerflora XIX. *Vierteljahrsschr. Naturf. Ges. Zürich*. 68: 457-476. D. 1923. no.3-4.

Zeitschr. Pflanzenernähr. u. Düng. A.Wiss. Teil.

Arland, A.

Ueber die azidität von pflanzensäften und methoden zu ihrer bestimmung. *Zeitschr. Pflanzenernähr. A.Wiss. Teil*. 3: 152-164. illus. 1924. no.3.

Literatur: p. 164.

Arrhenius, O.

Der kalkbedarf des bodens vom pflanzenphysiologischen stankpunkt. *Zeitschr. Pflanzenernähr. A.Wiss. Teil*. 3: 129-151. 1924. no.3.

Literatur: p. 148-151.

Reinau, E.

Ist kohlenensäure ein klimatischer wachstumsfaktor? *Zeitschr. Pflanzenernähr. A.Wiss. Teil*. 3: 182-189. 1924. no.3.

Exper. Stat. Publ.

Coons, G. H.

The use of black heart potatoes for seed.
Michigan Agr. Exp. Stat. Quart. Bull. 6: 182-
184. illus. My. 1924. no.4.

Hutcheson, T.B. & Wolfe, T.K.

The effects of fertilizers and hybridization
on maturity and yield of corn. Virginia Agr.
Exp. Stat. Techn. Bull. 27. 20 p. illus. Ap.
1924. (Rec'd Jl. 1924.)

Wolfe, T. K.

A biometrical analysis of characters of maize
and of their inheritance. Virginia Agr. Exp.
Stat. Techn. Bull. 26. 70 p. F. 1924. (Rec'd Jl.
1924)

Bibliography: p. 68-70.

Frank, A.

Facts regarding the mosaic disease of raspberry
and loganberry in western Washington. West. Wash-
ington Exp. Stat. Bi-Month. Bull. 12: 48-51.
illus. Jl. 1924. no.2.

New Books.

Buenos Aires (City) Universidad nacional Facultad
de agronomia y veterinaria.

... La plantas forrajeras indigenas y cultivadas
de la República Argentina... Buenos Aires, Talleres
S.A. Casa Jacobo Peuser, Ltda, 1923. (Rec'd Jl. 1924)
v.1. plates (part col) 30cm.
Bibliografia: 2d p from end.

MacDougal, D. T.

Dendrographic measurements. 88 p. illus.,
pl. Washington, 1924 (Publ. Carnegie Inst.
Washington, no.350)

Maiden, J. H.

A critical revision of the genus Eucalyptus.
pt. 62 (v.7, pt.2) Sydney, 1924.

Pellett, F. C.

American honey plants, together with those which
are of special value to the beekeeper as sources of
pollen. Ed.2. 392 p. illus. Hamilton, Ill.
1923.

Shreve, F.

The growth record in trees. p. 89-116.
Washington, 1924. With MacDougal Dendrographic
measurements. (Publ. Carnegie Inst. Washington,
no. 350).

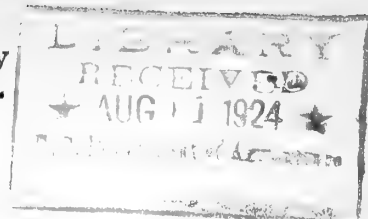
Thomas, H. H.

The complete amatuer gardener. 513 p. plates.
(part col.) London, 1924.

New Books (cont.)

Ulbrich, Eberhard.

Präparations-, konservierungs- und frischehaltungsmethoden für pflanzliche organismen und anleitung für die ordnung und aufbewahrung von sammlungen konservierter pflanzen. In Abderhalden, E. Handbuch der biologischen arbeit-smethoden. Abt. XI, t. I, h. 6. p. 639-960. illus. 1911.



Agr. Gaz. N.S.W.

Birmingham, W.A.

A fungus and some of its host plants (*Sclerotium rolfsii*, Sacc.). Agr. Gaz. N.S.W. 35: 441-444.
illus. Je. 1924. no.6.
Bibliography: p. 444.

Blakely, W.F.

Weeds of New South Wales (cont.) Russian knapweed (*Centaurea picirris* Pall.) Compositae: Daisy family.
Agr. Gaz. N.S.W. 35: 419-421. illus. Je. 1924. no.6.

Pridham, J. T.

The origin of Bena wheat. Agr. Gaz. N.S.W. 35: 404-405. illus. Je. 1924. no.6.

Whittet, J.N.

Molasses grass. (*Melinis minutiflora*, Beauv.)
Agr. Gaz. N.S.W. 35: 431-432. illus. Je. 1924. no.6.

Agr. Journ. B.C.

Eastham, J.W.

Some greenhouse troubles. The only really effective treatment for soil diseases consists of killing the disease-producing organisms in the soil by some method of soil sterilization. Agr. Journ.B.C. 9: 102-103, 112.
illus. Jl. 1924. no.5.

Amer. Fern Journ.

Buchholz, J.T.

Notes on Arkansas pteridophyta. Amer. Fern Journ. 14: 33-38. Ap.-Je. 1924. no.2.
Citations: p. 38.

Clarkson, E.H.

The rootstocks of the spinulose ferns. Amer. Fern Journ. 14: 46-50. pl.3-4. Ap.-Je. 1924. no.2.

Jackson, A.M.

Joseph Jackson. Amer. Fern Journ. 14: 63-64. Ap.-Je. 1924. no.2.

Palmer, E.J.

Two interesting ferns from Arkansas. Amer. Fern Journ. 14: 39-41. Ap.-Je. 1924. no.2.
Dennstaedtia punctilobula, *Woodsia scopulina*.

Schaffner, J. H.

Dichotomous branching in *Equisetum*. Amer. Fern Journ. 14: 56-57. Ap.-Je. 1924. no.2.

Schaffner, J.H.

Equisetum laevigatum and its near relatives. Amer. Fern Journ. 14: 41-46. Ap.-Je.1924. no.2.

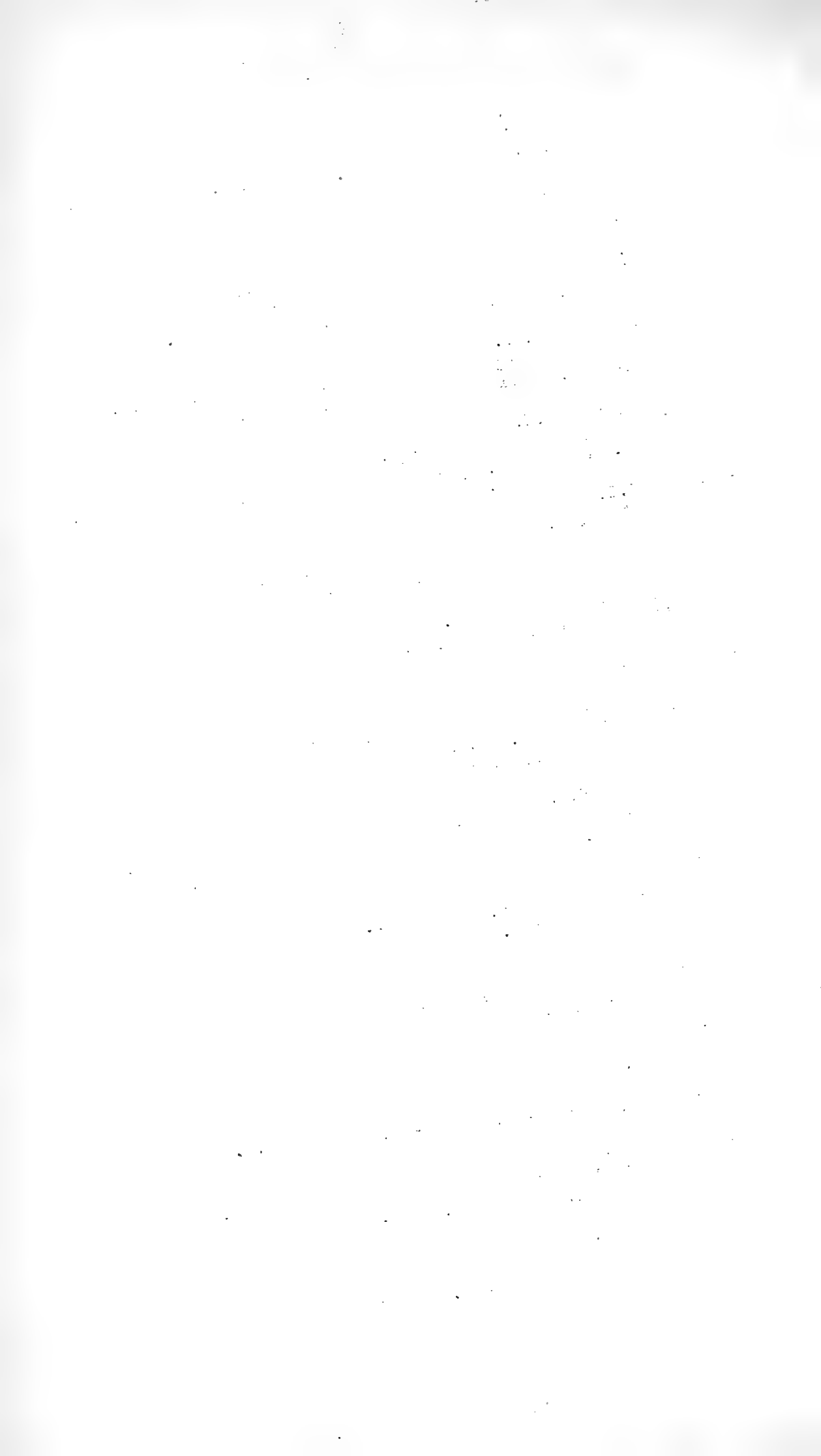
Weatherby, C.A.

Note on the forms of *Polypodium virginianum*. Amer. Fern Journ. 14: 60-61. Ap.-Je. 1924. no.2.

Amer. Journ. Pharm.

Youngken, H.W.

Vegetable drugs used by the North American Indians. In his *The Drugs of the North American Indian*. Amer. Journ. Pharm. 96: 487-501. Jl. 1924, no. 7.



Amer. Nat.

Babcock, E.B.

Species hybrids in *Crepis* and their bearing on evolution. Amer. Nat. 58: 296-310. Jl.-Ag. 1924. no.657.

Goodspeed, T.H.

Some chromosome numbers in *Nicotiana*. Amer. Nat. 58: 381-382. Jl.-Ag. 1924. no.657.

Reed, H.S.

The nature of growth. Amer. Nat. 57: 337-349. Jl.-Ag. 1924. no.657.

Snow, R.

Counted grain pollinations in *Matthiola*. Amer. Nat. 58: 316-321. Jl.-Ag. 1924. no.657.
References: p. 321.

Ann. Ecole Nat. Agr. Montp.

Ravaz, L. & Verge, G.

Le rougeau. Ann. Ecole Nat. Agr. Montp. n.s., 18: 5-37. illus., col.pl. 1924. no.1.

Ann. Sci. Agron.

Lesage, Pierre.

Action spéciale sur les plantes cultivées du chlorure de sodium contenu dans la sylvinite. Premiers essais. Ann. Sci. Agron. 41: 109-121. Mr.-Ap. 1924. no.2.

Vincent, V.

Etude sur l'acidité des sols et leurs besoins en chaux. Ann. Sci. Agron. 41: 122-134. Mr.-Ap. 1924. no.2.

Better Crops.

Hansen, A. A.

Don't trifle with *Rhus dermatitis*. Better Crops. v.2, no.5. p.28-29, 36. illus. Jl. 1924.

Bol. Agr. Tecn. & Econ. Spain.

Grtiz, L.

El cultivo algodouero IX. Enfermedades y plagas que atacan a este cultivo en los Estados Unidos y medios que se emplean para combatirlos. Bol. Agr. Tecn. & Econ. Spain. 16: 437-459. My. 1924. no.185.

Boll. Assoc. Ital. Piante Med.

Pagliani, L.

I bulbi del "*Muscari comosum*" nella alimentazione umana. Boll. Assoc. Ital. Piante Med. 7: 99-102. Je.30, 1924. no.6.

Boll. Tecn. R. Ist. Sper. Tabacchi Scafati.

Anastasia, G.E.

Interpretazione di tutti i segni stigmatici delle razze di *N. tabacum*, L. Boll. Tecn. R. Ist. Sper. Tabacchi Scafati. 21: 3-9. illus. Ja.-Mr. 1924. (Rec'd Jl.) no.1.

Bot. Mag. Tokyo.

Gotōh, K.

On the influence of dissolved alkali out of
cover glass on pollen germination. Bot. Mag.
Tokyo 38: (65)-(73). Mr. 1924 (Rec'd Jl.)
no. 447.

Bibliography: p. (33).

In Japanese.

English summary: p. 60.

Honda, M.

Revisio graminum Japoniae IV. Bot. Mag.
Tokyo. 38: 49-59. Mr. 1924. no. 447.

Imai, Y.

Genetic studies in morning glories X. Bot.
Mag. Tokyo. 38: (59)-(65) illus. Mr. 1924. no. 447.

Nakai, T.

Abstract from T. Nakai: 'Trees and shrubs
indigenous in Japan proper Vol. I. (1922)', with
additional remarks on some species. (cont.)
Bot. Mag. Tokyo. 38: 37-48. Mr. 1924. no. 447.

Okada, Y.

On the so-called tundra-formation of North Saghalien.
Bot. Mag. Tokyo. 38: 76-83. illus. Ap. 1924 (Rec'd
Jl.) no. 448.

Sakamura, T.

Wirkungen der elektrolyten auf die lebenser-
scheinungen von *Gonium pectrale* und *Pandrina morum*.
Bot. Mag. Tokyo 38: (79)-(93). Ap. 1924. (Rec'd Jl.)
no. 448.

Bibliography: p. (93).

Yamaha, G.

Ueber die anwendung der Becherschen beizenfarb-
stoffe auf die pflanzenkaryologie. Bot. Mag.
Tokyo. 38: 61-75. Ap. 1924 (Rec'd Jl.) no. 448.

Bull. Assoc. Plant.

Gisseleire, A.

Le *Pentaclethra*. Bull. Assoc. Plant. 11:
37-38. Ap.-Je. 1924. no. 4-6.

Pentaclethra macrophylla.

Smart, L.A.

The oil palm and its products, (Palm oil and
palm kernels.) Bull. Assoc. Plant. 11: 33-37.
Ap.-Je. 1924. no. 4-6.

Bull. Green Sect. U.S. Golf Assoc.

Monteith, J. jr.

The leaf-spot disease of bluegrass. Bull.
Green Sect. U.S. Golf Assoc. 4: 172-173. Jl. 1924.
no. 7.

From the above it is seen that the
total number of specimens is 1000
and the total weight is 10000
grams.

The following table shows the
distribution of the specimens
by weight and number.

Weight (grams) Number

1000 100
2000 200
3000 300

4000 400
5000 500
6000 600

7000 700
8000 800
9000 900

10000 1000
Total 10000

It is seen that the total weight
is 10000 grams and the total
number of specimens is 1000.

The following table shows the
distribution of the specimens
by weight and number.

Bull. Misc. Inform. Kew.

Diagnoses africanae LXXVIII. Bull. Misc. Inform.
Kew. 1924, p.255-261. illus. no.6.

Kew, Royal gardens.

Decades kewenses. Plantarum novarum in herbario
Horti regii conservatarum CIX. Bull. Misc. Inform.
Kew. 1924, p.261-266. no.6.

Marquand, C.V.B.

Revision of the genus *Cyananthus*. Bull. Misc.
Inform. Kew. 1924, p.241-255. illus. no.6.

Bull. Saskatchewan. Dept. Agr.

Tullis, M.P.

The control of sow thistle. Bull. Saskatchewan
Dept. Agr. 58. 8 p. illus. (col.) 1924.
Sonchus arvensis.
Revised edition.

Tullis, M.P.

Hand book in explanation of the Noxious weeds act,
1924 and the control of weeds from an administrative
standpoint. Bull. Dept. Agr. Saskatchewan. 75.
22 p. illus. 1924.

Bull. Sci. Pharm.

Goris, A. & Métin, M.

Variations de l'atteneur en alcaloïdes dans les
racines d'aconit. Bull. Sci. Pharm. 31: 330-335.
Je. 1924. no.6.

Bull. Soc. Bot. France.

Arènes, J.

Étude sur la zone halophile en Provence. Végéta-
tion des côtes basses. Bull. Soc. Bot. France.
71: 93-117. illus. Ja.-F. 1924 (Rec'd Jl.) no.1-2.
Index bibliographique: p. 116-117.

Bois, D.

Sur quelques formes de *Cucurbita maxima*. Bull.
Soc. Bot. France. 71: 91-93. Ja.-F. 1924 (Rec'd
Jl.) no.1-2.

Bouly de Lesdain, M.

Ecologie d'une aulnaie dans les Moères (nord)
Bull. Soc. Bot. France. 71: 3-25. Ja.-F. 1924.
(Rec'd Jl.) no.1-2.

Camus, A.

Quelques anomalies florales chez les orchidées.
Bull. Soc. Bot. France. 71: 86-91. Ja.-F. 1924.
no.1-2.

Chermezon, H.

Sur quelques cypéracées africaines critiques.
Bull. Soc. Bot. France. 71: 141-144. Ja.-F. 1924.
(Rec'd Jl.) no.1-2.

Combes, R.

Migration des substances azotées pendant le
jaunissement des feuilles des arbres. Bull. Soc.
Bot. France. 71: 43-48. Ja.-F. 1924. (Rec'd Jl.)
no.1-2.

Bull. Soc. Bot. France. (cont.)

Dauphiné, A.

Sur l'interprétation d'une structure anormale dans une racine traumatisée d'*Amygdalus communis*.
Bull. Soc. Bot. France. 71: 171-172. Ja.-F. 1924.
(Rec'd J1.) no.1-2.

Dismier, G.

Première localité française continentale de *Grimmia hartmani* Schimper, fructifié. Bull. Soc. Bot. France. 71: 78-81. Ja.-F. 1924. (Rec'd J1.) no.1-2.

Fournier, P.

Pour la nomenclature ternaire. Bull. Soc. Bot. France. 71: 151-153. Ja.-F. 1924. no.1-2.

Gadeceau, E.

Le sommeil des plantes. La nyctinastie dans le genre "Oxalis." Bull. Soc. Bot. France. 71: 145-150. Ja.-F. 1924. (Rec'd J1.) no.1-2.
Publications du même auteur sur le genre Oxalis; p.150.

Gagnepain, F.

Euphorbiacées nouvelles (*Alchornea*, *Daphniphyllum* et *Deutzianthus*, g.n.) Bull. Soc. Bot. France. 71: 137-141. Ja.-F. 1924 (Rec'd J1.) no.1-2.

Gagnepain, F.

Poliania, g.n. compositearum. Bull. Soc. Bot. France. 71: 56-57. Ja.-F. 1924. no.1-2.
Poilania laggeroides, sp.unica.

Gaume, R.

Les associations végétales de la forêt de Preuilly (Indre-et-Loire) Bull. Soc. Bot. France. 71: 58-74. 158-171. Ja.-F. 1924. (rec'd J1.) no.1-2.

Hamet, R.

Sur un *Sedum* de l'herbier du jardin botanique de Saint-Petersbourg. Bull. Soc. Bot. France. 71: 154-157. pl. ii. Ja.-F. 1924 (Rec'd J1.) no.1-2.
Sedum perroti.

Lenoble, F.

Découverte du *Juniperus thurifera* L. dans les montagnes du Diois (Drôme) Bull. Soc. Bot. France. 71: 49-51. Ja.-F. 1924 (Rec'd J1.) no.1-2.

Pellegrin, F.

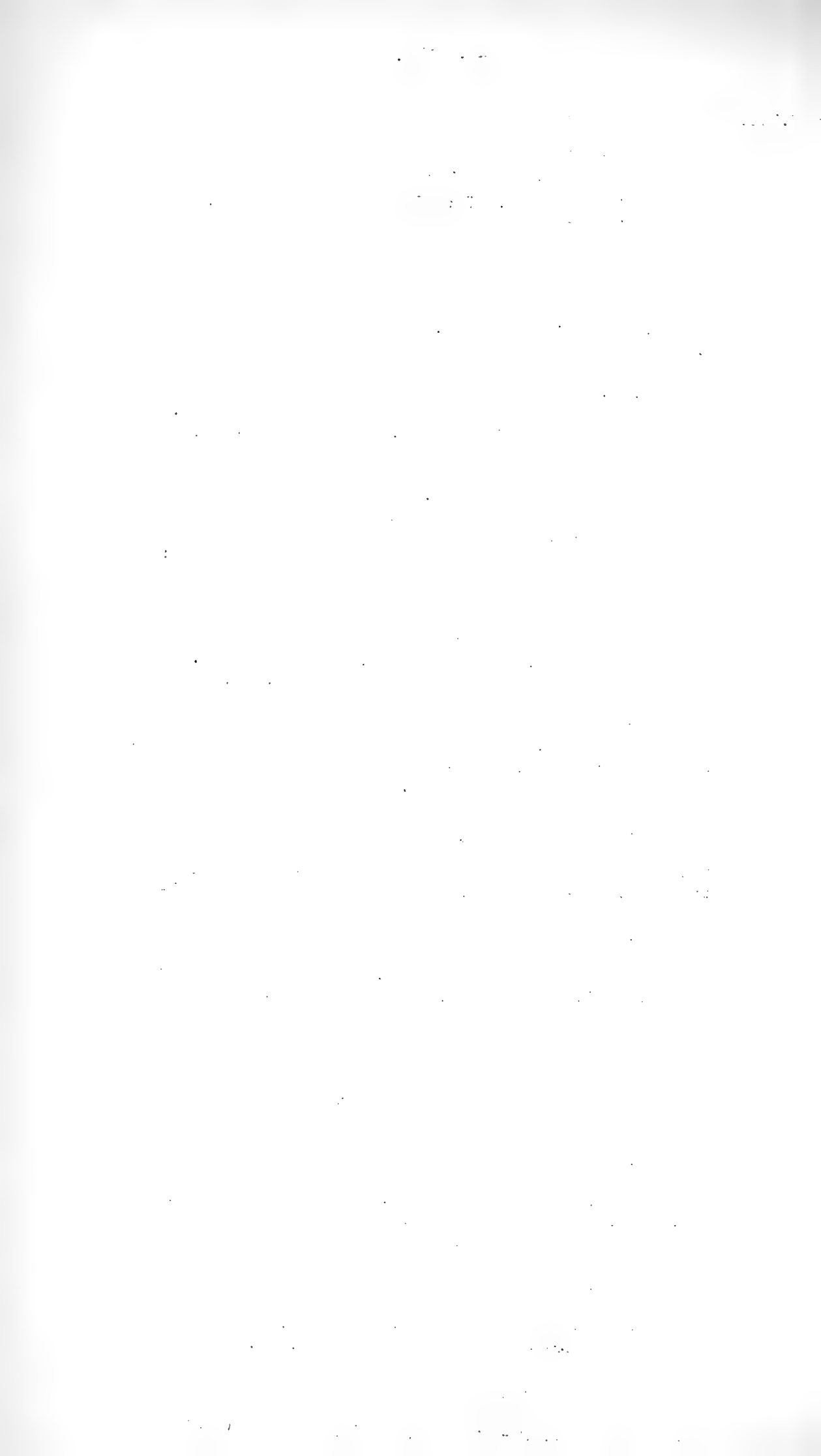
Un genre nouveau africain à affinités brésilliennes. Bull. Soc. Bot. France. 71: 74-77. Ja.-F. 1924. (Rec'd J1.) no.1-2.
Testulea gabonensis, sp.nov.

Pellegrin, F.

Remarques critiques sur les espèces du genre *Klainedoxa* Pierre. Bull. Soc. Bot. France. 71: 51-56. Ja.-F. 1924 (Rec'd J1.) no.1-2.

Perrier de la Bathie, H.

Un nouveau genre de dioscoréacées. Bull. Soc. Bot. France. 71: 25-27. pl.i. Ja.-F. 1924 (Rec'd J1.) no.1-2.
Avetra sempervirens, n.sp.



Bull.Soc.Bot. France. (cont.)

Saint-Yves, A.

Festucarum varietates novae (Subg. Eu-Festuca)
Bull. Soc.Bot. France. 71: 28-43, 119-135. illus.
Ja.-F. 1924 (Rec'd Jl.) no.1-2.

Verguin, L.

De quelques plantes de la montagne noire des
Corbières et des Pyrénées. Bull. Soc.Bot. France.
71: 81-86. Ja.-F. 1924 (Rec'd Jl.) no.1-2.

Vuillemin, P.

Le phyllome et le frondome chez les angiospermes.
Bull.Soc.Bot.France. 71: 117-119. Ja.-F.1924.
(Rec'd Jl.) no.1-2.

Bull.Soc.Centr.For. Belgique.

Les arbres et les bois dans l'antiquité orientale.
Bull.Soc.Centr.For. Belgique. 31: 355-341. Je.
1924. no.6.

Bull.Soc.Mycol. France.

Azoulay, I.

Résumé des réponses faites au questionnaire du
2 février 1922 sur les champignons et renseignements
connexes. Bull.Soc.Mycol. France. 40: 41-65.
Je. 1924. no.1.

Liste des champignons comestibles de certaines
régions de France et de l'étranger et autres que
ceux vendus sur les marchés: p. 58-59.

Bachtine, B.

Une nouvelle peronosporée sur *Melampyrum pratense*
L. Bull.Soc.Mycol. France. 40: 100-104. illus.
Je. 1924. no.1.

Peronospora tranzscheliana nov.sp.

Bourdot, H.

Hymenomycetes de France. X. Phylactériés.
Bull.Soc. Mycol. France. 40: 105-136. Je. 1924.
no.1.

Chauvin, E.

Nouvelles recherches sur la non-toxicité de
Amanita citrina Sch. et *Volvaria gloiocephala* DC.
Bull.Soc.Mycol. France. 40: 68-74. Je. 1924. no.1.

Mail, R.F.

Note sur le *Pleurotus phosphoreus* Batt. *olearius*
D.C. Fr. trouvé à Mirville (Seine-Inférieure) le 17
août 1923. Bull. Soc. Mycol. France. 40: 93-
95. illus. Je.1924. no.1.

Martin-Sans, E.

Empoisonnements mortels par l'amanite phalloïde
prise pour une russule verte. Bull.Soc.Mycol,
France. 40: 96-99. Je. 1924. no.1.

Melzer, V.

L'ornamentation des spores de Russules. Bull,
Soc.Mycol. France. 40: 78-81. illus. Je.1924, no.1.

Bull. Soc. Mycol. France (cont.)

Naumoff, N.

Les bases morphologiques de la systématique dans la famille des mucoracées. Bull. Soc. Mycol. France. 40: 85-92. Je. 1924. no.1.

Patouillard, N.

Quelques champignons du Tonkin (cont.) Bull. Soc. Mycol. France. 40: 29-37. illus. Je. 1924. no.1.

Peltereau, E.

Boletus tumidus Fr. Bull. Soc. Mycol. France, 40: 38-40. pl. i. Je. 1924. no.1.

Vincens, F.

A propos du sillon des ascospores des xylariacées. Réponse à M. Chenantais. Bull. Soc. Mycol. France. 40: 66-67. Je. 1924. no.1.

Voile,

Note sur Russula paludosa. Bull. Soc. Mycol. France. 40: 75-77. pl. ii. Je. 1924. no.1.

Bull. Torr. Bot. Club.

Dixon, H. N.

New species of mosses from the Malay Peninsula. Bull. Torrey Bot. Club. 51: 225-259. pl. 3-4. Je. 1924. no.6.

Goldstein, B.

Cytological study of living cells of tobacco plants affected with mosaic disease. Bull. Torrey Bot. Club. 51: 261-273. illus., pl. 5. Je. 1924. no.6.

Bibliography: p. 272-273.

Chaparra Agr.

Ceresa, G.

El tratamiento de los trozos de caña con agua caliente. Chaparra Agr. v.1, p.11-13. Je. 1924. no.2.

Citrus Indust.

Avocado black spot can be controlled by bordeaux mixture. Citrus Indust. v.5, no.7. p.24. Jl. 1924.

Rhoads, A.S.

Ripe-rot of grapes. Citrus Indust. v.5, no.7. p.15. Jl. 1924.

Compt. Rend. Acad. Sci. Paris.

Bayle, E. & Fabre, R.

Etude de la fluorescence des alcaloïdes du groupe de l'isoquinoléine et de la tétrahydroisoquinoléine: papaverine, narcotine, hydrastine et leurs produits de dedoublement. Compt. Rend. Acad. Sci. Paris. 178: 2181-2183. Je. 23, 1924. no.26.

Compt. Rend. Soc. Biol. Paris.

Gabriel, C.

Recherches sur la biologie d'une algue volvocacee. Compt. Rend. Soc. Biol. Paris. 91: 307-308. Jl. 4, 1924. no.23.

Compt. Rend. Soc. Biol. Paris (cont.)

Killian, C.

Cultures d'hépatiques. Compt. Rend. Soc. Biol. Paris. 91: 277-280. illus. Jl. 4, 1924. no. 23.

Morvillez, F.

Appendicularisation progressive d'un ensemble de feuilles chez les plantes supérieures. Compt. Rend. Soc. Biol. Paris. 91: 305-306. Jl. 4, 1924. no. 23.

Tchang, L.K.

L'origine des inclusions grassieuses chez quelques algues. Compt. Rend. Soc. Biol. Paris. 91: 263-265. Jl. 4, 1924. no. 23.

Contr. U.S. Nat. Herb.

Blake, S.F.

Hemibaccharis, a new genus of Baccharidinae. Contr. U.S. Nat. Herb. 20: 543-554. pl. 48-51. 1924. no. 13.

Blake, S.F.

New plants from Venezuela. Contr. U.S. Nat. Herb. 20: 519-541. pl. 38-47. 1924. no. 13.

Blake, S.F.

Revision of the American species of Rinorea. Contr. U.S. Nat. Herb. 20: 491-518. pl. 31-37. 1924. no. 13.

Country Life.

Osborn, A.

Three interesting plants, Country Life. 56: 13-14. illus. Jl. 5, 1924. no. 1435.

Cornus controversa, Lonicera maackii, Cercis siliquastrum.

Deut. Landw. Presse.

Krankheiten an tabaksämlingen. Deut. Landw. Presse. 51: 285-286. Je. 21, 1924. no. 25.

Facts about Sugar.

Death of Wm. C. Stubbs, leading cane authority. Facts about Sugar. 19: 28. port. Jl. 12, 1924. no. 2.

Farm & Gard.

Callender, Mrs. J.

National flowers. Farm & Gard. v. 12, no. 1. p. 7-10. illus. Jl. 1924.

Fauna & Flora.

Post, A. von.

Forekomst av Vicia dumetorum L. vid Tullinge. Fauna & Flora. 1924, p. 120-122. no. 3.

Wahlgren, E.

Parasitisk insektpollination. Fauna & Flora. 1924, p. 123-128. no. 3.

1. The first part of the document

is

2. The second part of the document

is

3. The third part of the document

is

4. The fourth part of the document

is

5. The fifth part of the document

6. The sixth part of the document

7. The seventh part of the document

8. The eighth part of the document

9. The ninth part of the document

10. The tenth part of the document

11. The eleventh part of the document

12. The twelfth part of the document

Feuille Nat.

Nicolas, G.

Sur le dimorphisme sexuel du Ginkgo biloba L.
et son emploi comme arbre d'alignement. Feuille
Nat. 45: 68. Je.1924. no.4.

Russell, W.

Cas de fasciation chez Ranunculus bulbosus.
Feuille Nat. 45: 68-70. illus. Je. 1924. no.4.

Flugbl. K. Biol. Reich, Anst.Land- u.Forstw.

Wiedemann, E.

Hallimasch und wurzelschwamm, zwei gefährliche
waldfeinde. Flugbl.Biol.Reichanst.Land. u.
Forstw. no.22. 4 p. illus. Ap. 1924.

Garden.

Dykes, W.R.

Hints on the cultivation of irises. Garden.
88: 464-465. illus. Jl.5, 1924. no.2746.

Hort, A.

How to hybridise irises. Garden. 88: 463-
464. Jl.5, 1924. no.2746.

L , C.

A beautiful new yellow iris: chasseur. Garden.
88: 472. illus. Jl.5, 1924. no.2746.

Laplace, F.

A discourse on Nymphaeas II. Garden. 88:
465-467. illus. Jl.5, 1924. no.2746.

Gard.Mag.

Manchester, H.H.

The lost gardens of Cambodia. Gard.Mag.
39: 409-411. illus. Ag. 1924. no.6.

Rea, J.L.

Our best blue flower. Larkspur in superlative
strains from seed and cuttings - Blight-resistant
plants through hybridizing. Garden Mag. 39:
407-408. illus. Ag. 1924. no.6.

Gard. Chron.

Parkin, J.

The classification of flowering plants. Gard.
Chron. III, 76: 8-9. Jl.5, 1924. no.1958.

Ward, F.K.

Rhododendrons (cont.) Gard.Chron. III,76:
12. Jl.5, 1924 no.1958.

Gard.Chron.Amer.

Stewart, G.F.

Luculia gratissima. Gard.Chron. Amer. 28:
190. Jl. 1924. no.7.

Warner, H.H.

Hampton Court palace - its famous gardens.
Gard.Chron.Amer. 28: 186-189. illus. Jl.1924.
no.7.



Gartn.-Tid.

Weber, A.

Tomat- og agurksygdomme (concl.) Gartn-
Tid. 40: 313-317. Jl.1, 1924. no.27.

Genetics.

Clausen, R.E. & Goodspeed, T.H.

Inheritance in *Nicotiana tabacum* IV. The
trisomic character, "enlarged." Genetics.
9: 181-197. Mr. 1924. no.2.

Literature cited: p. 196-197.

Hor, K.S.

Interrelations of genetic factors in barley.
Genetics. 9: 151-180. Mr. 1924 (Rec'd Jl.)
no.2.

Literature cited: p. 179-180.

Levy, J.

Studies on reproduction in *Amoeba proteus*.
Genetics. 9: 124-150. Mr. 1924 (Rec'd Jl.)
no.2.

Literature cited: p. 150.

Stroman, G.N.

Genetic relations of chlorophyll and antho-
cyanin seedling characters in maize. Genetics.
9: 91-123. Mr. 1924 (Rec'd Jl.) no.2.

Literature cited: p. 117.

Hacienda.

Jones, D.F.

El problema de la polinización. Como acrecentar
los rendimientos de lagunos árboles frutales
mediante la aducuada polinización. Hacienda.
19: 204-205. illus. Jl. 1924. no.7.

Quereau, F.C.

El cultivo del arroz en los Estados Unidos.
Hacienda. 19: 195-200. illus. Jl. 1924.
no.7.

Las enfermedades del arroz: p. 199-200.

Vosbury, E.D.

El cultivo del ananá. Hacienda. 19: 201-
203. illus. Jl. 1924. no.7.

Illus. Landw. Zeit.

Ausborn,

Ueber die vererbung der staudenkrankheiten der
kartoffel. Illus. Landw. Zeit. 44: 271-272.
Je. 27, 1924. no. 26.

Berger, A.

Kranke pflanzenbestände - saure böden. Illus.
Landw. Zeit. 44: 257. Je. 20, 1924. no. 25.

Journ. Agr.Res.

Artschwager, E.

Studies on the potato tuber. Journ.Agr.
Res. 27: 809-836. illus., pl.1-10. Mr.15, 1924.
(rec'd Jl.) no.11
Literature cited: p. 834-835.

Collins, G.N.

Measurement of linkage values. Journ.Agr.
Res. 27: 881-891. Mr.15, 1924 (Rec'd Jl.) no.11.
Literature cited: p.891.

Koehler, B., Dickson, J.G. & Holbert, J.R.

Wheat scab and corn rootrot caused by *Gibberella*
saubinetii in relation to crop successions. Journ.
Agr.Res. 27: 861-880. pl.1-2. Mr.15, 1924.
(Rec'd Jl.) no.11.
Literature cited: p. 878-879.

Latshaw, W.L. & Miller, E.C.

Elemental composition of the corn plant. Journ.
Agr.Res. 27: 845-860. pl.1. Mr.15, 1924. (Rec'd
Jl.) no.11.
Literature cited: p. 859.

Stevens, N.E. & Jenkins, A.E.

Occurrence of the currant cane blight fungus
on other hosts. Journ. Agr.Res. 27: 837-844.
illus., pl.1-2. Mr.15, 1924 (Rec'd Jl.) no.11.

Journ. Amer.Soc.Agron.

Johnston, C.O. & Bower, C.W.

A method of detecting mixtures in Kanred wheat
seed. Journ. Amer.Soc.Agron. 16: 467-470.
Jl. 1924. no.7.
Literature cited: p. 470.

Journ. Bot.

Church, A.H.

Reproductive mechanism in land flora. II.
Life-cycles. Journ. Bot. 62: 209-214.
Jl. 1924. no.739.

Druce, G.C.

Orchis fuchsii Druce. Journ. Bot. 62:
198-202. Jl. 1924. no.739.
Note by M.J. Goffery appended.

Pugsley, H.W.

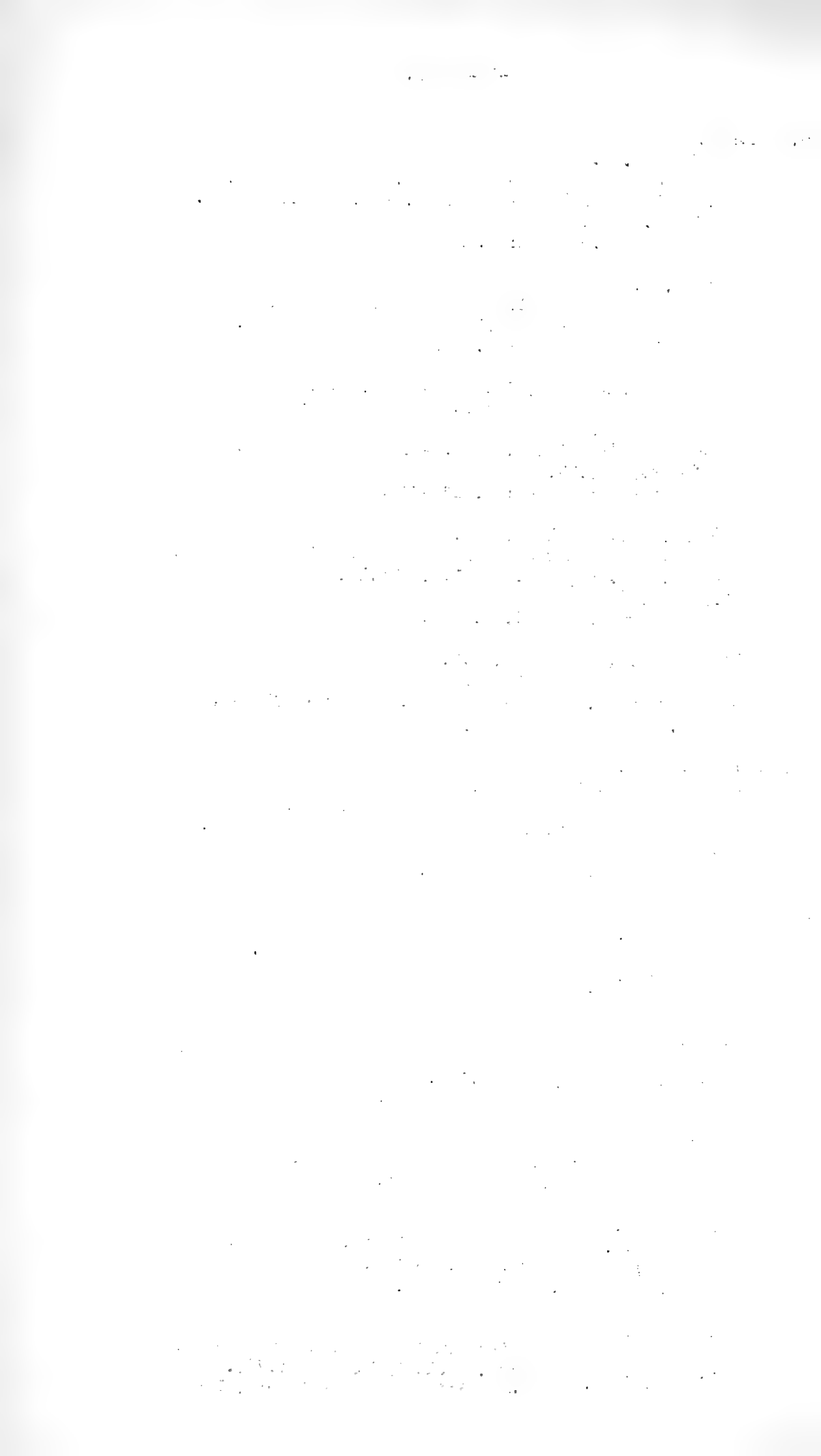
Gentiana uliginosa Willd. in Britain. Journ.
Bot. 62: 193-196. Jl.1924. no.739.

Rendle, A.B.

Dr.H.O. Forbes's Malayan plants. Journ.Bot.
62(Suppl.): 1-16. Jl.1924. no.739.
Polypetalae. By E.G. Baker.

Sprague, T.A.

Proposed alterations in the international rules.
Journ. Bot. 62: 196-198. Jl. 1924. no.739.
Made by the Sub-committee on nomenclature, Imp.
Bot.Conf.



Journ.Bot.(cont.)

Wolley-Dod, A.

Some new British roses. Journ.Bot. 62: 202-209. Jl. 1924. no.739.

Journ.Dept.Agr. So.Africa.

Putterill, V.A.

Plant diseases in the western Cape province. XII. Vrotspootjie or take-all of wheat. Journ. Dept. Agr. So. Africa. 8: 602-612. illus. Je. 1924, no.6.

Literature consulted: p.612.

Puttick, G.F.

Covered smut (*Tilletia tritici*) in wheat. The value of different control methods. Journ. Dept. Agr. So. Africa. 8: 616-622. illus. Je. 1924. no.6.

Tucker, R.W.E.

Pear-tree buds. Journ. Dept. Agr. So. Africa. 8: 575-580. illus. Je. 1924. no.6.
References: p. 580.

Voordeorn, I.C.

The economic plants of South Africa. Notes from the National herbarium and museum II. "Bauhinia esculenta", Burch, Journ. Dept. Agr. So. Africa. 8: 613-615. Je. 1924. no.6.

Journ. Gen. Physiol.

Brink, R.A.

The influence of electrolytes on pollen tube development. Journ. Gen. Physiol. 16: 677-682. Jl. 1924. no.6.

Eyster, W.H. & Ellis, M.M.

Growth of maize seedlings as affected by gluco-kinin and insulin. Journ. Gen. Physiol. 6: 653-670. Jl. 1924. no.6.

Bibliography: p. 670.

Journ. Linn. Soc. Bot.

Edwards, W.N.

On the cuticular structure of the Devonian plant *Psilophyton*. Journ. Linn. Soc. Bot. 46: 377-385. illus., pl. 37. Ap. 1924 (Rec'd Jl.) no. 310.
References: p. 385.

Ghose, S.L.

A systematic and ecological account of a collection of blue-green algae from Lahore and Simla. Journ. Linn. Soc. Bot. 46: 333-346. pl. 31. Ja. 1924. (Rec'd Jl.) no. 309.

Groves, J.

Notes on Indian charophyta. Journ. Linn. Soc. Bot. 46: 359-376. pl. 35-36. Ap. 1924 (Rec'd Jl.) no. 310.

Nitella mirabilis, *N. wattii*.

Journ.Linn.Soc.Bot.(cont.)

Howarth, W.O.

On the occurrence and distribution of *Festuca rubra*, Hack, in Great Britain. Journ.Linn.Soc. Bot. 46: 313-331. pl.26-30. Ja.1924 (Rec'd Jl.) no.309.

Bibliography: p.329-331.

Lacaita, C.C.

The *Onosmas* of Linnaeus and Sibthorp, with a note on those of Tournefort's herbarium. Journ.Linn.Soc.Bot. 46: 387-400. pl.38. Ap. 1924 (Rec'd Jl.) no.310.

Withycombe, C.L.

On the function of the bladders in *Utricularia vulgaris* L. Journ. Linn.Soc.Bot. 46: 401-413. illus. Ap.1924 (Rec'd Jl.) no.310.

Bibliography: p. 411.

Zalessky, M.D.

On new species of Permian Osmundaceae. Journ. Linn.Soc.Bot. 46: 347-358. pl.32-34. Ap.1924. (REC'd Jl.) no.310.

Thamnopteris kidstoni, T.gwynne-vaughani,
Zalesskya uralica, n.sp.

Journ.Min.Agr. Gt.Brit.

Fryer, J.C.F.

The phytopathological service of England and Wales. Journ.Min.Agr. Gt.Brit. 31: 331-340. Jl. 1924. no.4.

Hoare, A.H.

Diseases and pests of cherries. In his The cultivation of cherries. Journ. Min. Agr. Gt.Brit. 31: 361-363. Jl. 1924. no.4.

Journ. Roy.Agr.Soc. Engl.

Biffen, R.H.

Annual report for 1923 of the botanist. Journ. Roy. Agr. Soc. England. 84: 358-362. 1923.

K. Landtbr. Akad.Handl. o. Tidskr.

Arrhenius, O. & Henning. E.

Den växthygieniska betydelsen av lerslagning eller sandkörning av upodlade kärr- eller mossmarker. III. Fält- och kärlförsök samt fysikaliska och kemiska undersökningar. K. Landtbr.-Akad. Handl. o. Tidskr. 63: 354-373. 1924. no.4.

Litteraturförteckning: p. 373.

Louisiana Plant.

Dr. William Carter Stubbs. Louisiana Plant. v.73, no.2. p.22-23. port. Jl.12, 1924.

Johnston, J.R.

The mosaic disease of sugar cane. II-III Louisiana Plant. v.73, no.2. p.30-32, no.3. p.49-52. Jl.12,19, 1924.

Bibliography: p. 51-52.

Nat.Belge.

Havaux, J.
Dianthus plumarius cyclope (Oeillet mignardise,
var.cyclope.) Nat.Belge. 5: 107-108. Jl.
1924. no.7.

Heede, A. van den.
Fuchsia corymbiflora. Nat.Belge. 5:109.
Jl. 1924. no.7.

Houzeau de Lehaie, J.
Recherches sur l'interdépendance évolutive de la
flore, de la faune et du sol. Nat.Belge. 5:
98-104. Jl. 1924. no.7.

Michel, E.
Colchicum autumnale L (Colchique d'automne)
Nat.Belge. 5: 104-107. Jl. 1924. no.7.

Naturwissensch.Korrespond.

Wächter, W.
Heil- und gewürzpflanzen. Naturwissensch.
Korrespond. 2: 51-61. Je. 1924. no.4.

Nederl.-Ind. Bladen Diergeesk. Dierent.

Backer, C.A.
Buffelgras. (Cénchrus ciliáris L.) een nieuwe
grassoort voor zeer droge, goed doorlatende gronden.
Nederl.-Ind. Bladen Diergeesk. Dierent. 36: 101-
108. pl. 1924. no.1-2.

Huber,
Im memorian F.M. Lang. Nederl.-Ind. Bladen
Diergeneesk. Dierent. 36: 1-2. 1924. no.1-2.

New Zeal. Journ. Sci.& Techn.

Aston, B.C.
The parsnip as a poisonous plant. New Zeal.
Journ. Sci. & Techn. 7: 61-62. My.1924. no.1.
Peucedanum sativa.

Pope, A.
The role of the tree-fern in the New Zealand
bush. New Zeal.Journ. Sci.& Techn. 7: 52-61.
illus. My. 1924. no.1.

Nouvi. Ann. Agr.Min.Econ.Naz. Italy.

Campanile, G.
Su di una nuova malattia dell'aglio dovuta ad
"Helminthosporium allii" nov.sp. Nuovi Ann.
Agr.Min.Econ.Naz. Italy. 4: 87-106. Ja.1924.
(Rec'd Jl.) no.1.

Longo, A.
Fecondazione artificiale dell'uva. Nuovi Ann.
Agr.Min.Econ.Naz.Italy. 4: 61-78. illus. Ja.
1924 (Rec'd Jl.) no.1.

Munerati, O.

Esperienze di elettrocoltura primi rilievi col
metodo delle antenne paulin. Nuovi Ann.Agr.
Min. Econ.Naz. Italy. 4: 79-86. illus. Ja. 1924 (Rec'd
Jl.) no.1.

Nuovi Ann.Agr.Min. Econ.Naz.Italy (cont.)

Petri, L.

La malattia del castagno detta dell'inchiostro.
Istruzioni pratiche per riconoscerla e per con-
batterne la diffusione. Nuovi Ann.Agr.Min.
Econ.Naz.Italy. 4: 276-289. illus. Ap.1924. no.2.

Petri, L.

La reazione dell terreno ed alcune malattie di
piante agrarie. Nuovi Ann. Agr.Min.Econ.Naz.
Italy, 4: 243-251. Ap.1924. no.2.

Nyt Mag.Naturvidensk.

Heg, O.

The corticolous Norwegian Pertusariaceae and
Thelotremaceae. Nyt Mag. Naturvidensk. 61:
139-178. pl. iii. 1924.

Nordhagen, R.

Om homogenitet, konstans og minimiareal. Bidrag
til den plantesociologiske diskussion. Nyt Mag.
Naturvidensk. 61: 1-51. 1924.
Litteratur: p. 50-51.

Not, A.

Nye planteformer fra Salten. Nyt Mag.
Naturvidensk. 61: 223-283. 1924.

Strm, K.M.

Algological notes V-IX. Nyt Mag. Naturvidensk.
61: 127-138. 1924.

Wille, N.

Karplanter og ferskvandsalger fraerne Husy.
Ona og Rsholmen paa Nordmr. Nyt Mag. Natur-
vidensk. 61: 53-69, pl. i-ii. 1924.

Pharm. Journ.

Adan, J.W.

Bookstalling for botanists IV. Pharm. Journ.
113: 4-5. Jl.5, 1924, no.3168.

Phytopath.

Dunn, M.S.

The microloop. A rapid method for isolating
single spores. Phytopath. 14: 338-340.
illus. Jl. 1924. no.7.

Gardner, M.W.

A native weed host for bacterial blight of bean.
Phytopath. 14: 340. Jl. 1924. no. 7.
Bacterium phaseoli on Strophostyles helvola.

Giddings, N.J.

A laboratory convenience. Phytopath. 14: 342.
Jl. 1924. no.7.
Tubing apparatus outlet for use with culture media.

Long, W.H.

The self pruning of western yellow pine. Phyto-
path. 14: 336-337. Jl. 1924. no.7.

Phytopath. (cont.)

Ramsey, G.B.

Sclerotinia intermedia n.sp. a cause of decay of salsify and carrots. *Phytopath.* 14: 323-327. illus., pl. xxiii. *Jl.* 1924. no.7.

Rhoads, A.S.

Apple measles, with special reference to the comparative susceptibility and resistance of apple varieties to this disease in Missouri. *Phytopath.* 14: 289-314. pl.xvii-xxi. *Jl.* 1924. no.7.

Literature cited: p. 312-313.

Walker, J.C.

White rot of *Allium* in Europe and America. *Phytopath.* 14: 315-322. pl.xxii. *Jl.* 1924. no.7.

Literature cited: p. 321-322.

Zeller, S.M.

Sphaeropsis malorum and *Myxosporium corticola* on apple and pear in Oregon. *Phytopath.* 14: 329-333. *Jl.* 1924. no. 7.

Portland Roses & Flow.

Electric light aids plant growth. *Portland Roses & Flow.* v.3, no.11. p.8. *Je.* 1924.

Prakt. Blätt. Pflanzenb. u. Pflanzensch.

Gentner, G.

Die beurteilung der unkrautsamen im saatgut. (concl.) *Prakt. Blätt. Pflanzenb. u. Pflanzensch.* 2: 58-64. *Je.* 1924. no.3.

Proc. Agr.Soc. Trinidad & Tobago.

Dash, J.S.

Weeds and their control. *Proc. Agr. Soc. Trinidad & Tobago.* 24: 171-181. *Ap.-My.* 1924. no.4-5.

Stell, F.

Wither tip of limes in Dominica. *Proc. Agr.Soc. Trinidad & Tobago.* 24: 181-185. *Ap.-My.* 1924. no.4-5.

Proc. Cambridge Phil. Soc. Biol.Sci.

Salaman, R. N.

A leaf index as a help to the identification of potato varieties. *Proc. Cambridge Phil. Soc. Biol.Sci.* 1: 121-131. *Ap.* 1924 (Rec'd *Jl.*) no.2.

Smith, N.J.G.

The parasitism of *Helminthosporium gramineum*, Rab. (leaf-stripe disease of barley). Abstract. *Proc. Cambridge Phil. Soc. Biol. Sci.* 1: 132-133. *Ap.* 1924. no.2.

Thacker, A.G.

Some statistical aspects of geographical distribution. *Proc. Cambridge Phil. Soc. Biol. Sci.* 1: 134-137. *Ap.* 1924. no.2.

Proc. Ohio State Hort. Soc.

Ballou, F.H.

Results of spraying experiments in 1922, in
southeastern Ohio. Proc. Ohio State Hort. Soc.
56: 97-103. 1923 (Rec'd 1924).

Keitt, G.W.

Apple scab. Proc. Ohio State Hort. Soc.
56: 78-87. 1923 (Rec'd 1924).

Keitt, G.W.

Cherry leaf spot. Proc. Ohio State Hort.
Soc. 56: 88-91. 1923 (Rec'd 1924).

Scherer, C.M.

Tree surgery. Proc. Ohio State Hort. Soc.
56: 134-138. 1923. (Rec'd 1924).

Selby, A.D.

Report of committee on plant pathology for
1922. Proc. Ohio State Hort. Soc. 56: 142-
146. 1923 (Rec'd 1924).

Thomas, R.C.

A new fruit spot of the apple - the Brooks'
spot. Proc. Ohio State Hort. Soc. 56: 92-96.
1923. (Rec'd 1924).

Rev. Agr. Com. y Trab. Cuba.

Fortun, G.

El mosaico o rayas amarillas en la caña de azúcar.
Rev. Agr. Com. y Trab. Cuba. 6: 4-9. illus.
1924. no.1.

Rev. Agr. Puerto Rico.

Tucker, C.M.

La pudrición del cogollo del cocotero en Puerto
Rico. Rev. Agr. Puerto Rico. 12: 385-390. Je.
1924. no.6.

Rev. Bot. Appl.

Chevalier, A.

Récents essais de culture d'arbres à quinquina,
dans le sud de la Birmanie. Rev. Bot. Appl. 4:
393-399. Je. 1924. no.34.

Gard, Médéric.

A propos des greffes effectuées sur Juglans
nigra en France. Rev. Bot. Appl. 4: 382-
384. Je. 1924. no.34.

Rev. Gen. Bot.

Choux, P.

Revue des travaux de botanique tropicale et
subtropicale (1910-1919) (concl.) Rev. Gen.
Bot. 36: 213-219. My. 1924. no.425.

Nicolas, G.

Revue des travaux de physiologie végétale parus
de 1910. à 1919. Rev. Gén. Bot. 36: 220-240.
My. 1924. no.425.

Raybaud, L.

Essai de petit germe automatique de laboratoire.
Rev. Gen. Bot. 36: 193-195. illus. My. 1924. no.425.

Rev. Gen.Bot. (cont.)

Woycicki, Z.

Recherches sur la déhiscence des anthères et
le rôle du stomium. Rev. Gen. Bot. 36: 196-
212. illus. My. 1924. no.425.

Rev. Hist. Nat. Appl. pt.I.

Fauchère, A.

La flore de Madagascar. Rev. Hist. Nat.
Appl. Pt.I. 5: 120-128. Ap. 1924. no.4.

Rev. Hort. Algérie.

Perrot, E.

Note sur la culture et le rendement des plantes
médicinales ou des plantes à essences. Rev. Hort.
Algérie. 28: 137-138. Je. 1924. no.6.

Rhod. Agr. Journ.

Taylor, G.A.

Castor oil. Rhod. Agr. Journ. 21: 306-
307. Je. 1924. no.3.
Ricinus communis.

Rhodora.

Ball, C.R.

Extensions of range and a new variety in *Salix*.
Rhodora. 26: 135-144. Jl. 1924. no.307.
Salix discolor overi, n.var.

Fernald, M.L.

New or recently restudied plants of eastern
America. Rhodora. 26: 122-127. Je. 1924.
no.306.

Agoseris gaspensis, spec.nov.

Fernald, M.L.

Some *Senecios* of eastern Quebec and Newfoundland.
Rhodora. 26: 113-122. pl. 144. Je. 1924. no.306.

Muenschler, W.C.

Orobanche ramosa on a *Coleus*. Rhodora. 26:
133-135. pl.145. Jl. 1924. no.307.
Citations: p. 134.

New England botanical club.

Reports on the flora of the Boston district.
XLVII-XLVIII. Rhodora. 26: 130-132, 149-152.
Je.-Jl. 1924. no.306-307.

Robbins, C.A.

Some new *Cladonias*. Rhodora. 26: 145-148.
Jl. 1924. no.307.
Cladonia clavulifera, sp.nov.

Sanford, S.N.F.

Notes on some Rhode Island and southeastern
Massachusetts plants. Rhodora. 26: 127-129.
Je. 1924. no.306.

Science.

Campbell, D.H.
A question of classification. Science.
60: 64-65. Jl.18, 1924. no.1542.

Speare, A.T. & Yothers, W.M.
Is there an entomogenous fungus attacking the
citrus rust mite in Florida? Science. 60:
41-42. Jl.11, 1924. no.1541.

Sci. Progr.

Knight, R.C.
Plant physiology. Science Progr. v.19,
no.73. p.34-42. Jl. 1924.

Soil Sci.

Perkins, A.T.
A note on the nodulation of soy beans. Soil
Sci. 17: 449-456. Je. 1924, no. 6.
Reference: p. 456.

Studies Plant Phys. Lab. Charles Univ. Prague.

Brožek, A.
Selektions- und kreuzungs-experimente mit
albomakulaten (weissbunten) Mimulus-rassen.
Studies Plant Phys. Lab. Charles Univ. Prague.
1: 45-79. illus., pl. i-ii. 1923 (Rec'd
Je. 1924).
Literatur: p. 78-79.

Iljin, W.S.
Die permeabilität des plasmas für salze und
die anatonose. Studies Plant Phys. Lab.
Charles Univ. Prague. 1: 97-119. 1923, (Rec'd
Je. 1924).
Literatur: p. 119.

Kořinek, J.
De l'influence de Bacterium fluorescens et B.
pyocyaneum sur le Mycobacterium de Friedmann.
Studies Plant Phys. Lab. Charles Univ. Prague. 1:
80-88. 1923, (Rec'd Je.1924).
Bibliografie: p. 88.

Lepeschkin, W.
The constancy of the living substance. (Experi-
ments made on Spirogyra.) Studies Plant Phys.
Lab. Charles Univ. Prague. 1: 5-44. pl. 1923.
(Rec'd Je. 1924).

Prát, S.
Vliv centrifugování na Hydrodictyon reticula-
tum (L.) Lag. Studies Plant Phys. Lab. Charles
Univ. Prague. 1: 89-96. illus. 1923 (Rec'd
Je., 1924)
Literatura: p. 95.
English abstract (The effect of centrifugal
force upon the cell of Hydrodictyon): p. 95-96.

Terre Vaud.

Faes, H.
La maladie des cerisiers. Terre Vaud. 16:
380-381. Je.21, 1924. no.25.
Coryneum beyerincki.

Martinet, G.
Une maladie des pommes de terre. La jambe noire.
Terre Vaud. 16: 390-391. illus. Je.28, 1924,
no.26.
Bacillus phytophthorus.

Trans. Roy. Canad. Inst.

Moss, E.H.
Developmental studies in the genus Collybia.
Trans. Roy. Canad. Inst. 14: 321-335. pl.xxiv-
xxvi. S. 1923 (Rec'd Jl.1924) no.2.
Literature cited: p. 333-334.

Tropenpfl.

Popoff, M.
Feldversuche mit saatgutstimulierung von reis,
baumwolle und tabak. Tropenpfl. 27: 32-38.
Apr-Je. 1924. no.2.

U.S. Dept.Agr. Bull.

Chace, E.M., Church, C.G. & Denny, F.E.
Inheritance of composition in fruit through
vegetative propagation. Bud variants of Eureka and
Lisbon lemons. U.S. Dept.Agr. Bull.1255.
18 p. Jl.17, 1924.
Literature cited: p. 18.

Vict. Nat.

Morris, P.F.
A new species of Brachycome. Vict. Nat.
41: 31. pl.1. Je, 1924. no.2.
Brachycome alpina, sp. nov.

Vie Agr, et Rur.

Truelle, A.
Nomenclature des poires a noiré de Normandie.
Vie Agr. et Rur. 24: 425-426. Je.28, 1924. no.8.

West.Gard. & Beekeeper.

Almey, J.R.
Producing new varieties of flowers. West.Gard.
& Beekeeper. 5: 297, 301. illus. Jl. 1924. no.9.

Bisby, G.R.

Prevalent diseases of fruits and vegetables.
West. Gard. & Beekeeper. 5: 303, 313. Jl. 1924.
no.9.

Chadwick, L.T.

The tall bearded iris. West.Gard. & Beekeeper.
5: 295-296, 302. illus. Jl. 1924. no.9.

Zeitschr. Pflanzenernähr. u. Düng. B. Wirtsch. Prakt. Teil.

Densch, Hunnius, & Pfaff, F.

Die beitrage zur bodensäurefrage. Zeitschr.
Pflanzenernähr. u. Düng. B. Wirtsch.-Prakt. Teil.
3: 248-261. 1924. no.6.

Exper. Stat. Publ.

Lesley, J.W.

Fusarium wilt of tomato and its control by means
of resistant varieties. California Agr. Exp. Stat.
Circ. 274. 6 p. illus. Ja. 1924 (Rec'd Jl.).

Wells, B.W.

Major plant communities of North Carolina.
North Carolina Agr. Exp. Stat. Techn. Bull. 25. 20 p.
illus. Ap. 1924 (Rec'd Jl.)
Bibliography: p. 20.

New Books.

Falck, R.

Mykologische untersuchungen und berichte.
v.1, h.3. Jena. 1923.
Contributions by various authors,

Millais, J.G.

Rhododendrons and the various hybrids. 2d ser.
plates (part col.) London, 1924.

Randolph, J. jr.

A treatise on gardening... Reprinted from The
American Gardener of John Gardiner and David Hepburn.
Ed.3. 1826. Richmond, 1924.

Sanders, T.W.

Annual flowers for garden and greenhouse,
including hardy and half-hardy biennials.
148 p. illus., plates (part col.) London,
1924?

Smith, G.M., Overton, J.B., Gilbert, E.M., Denniston,
R.H., Bryan, G.S., & Allen, C.E.

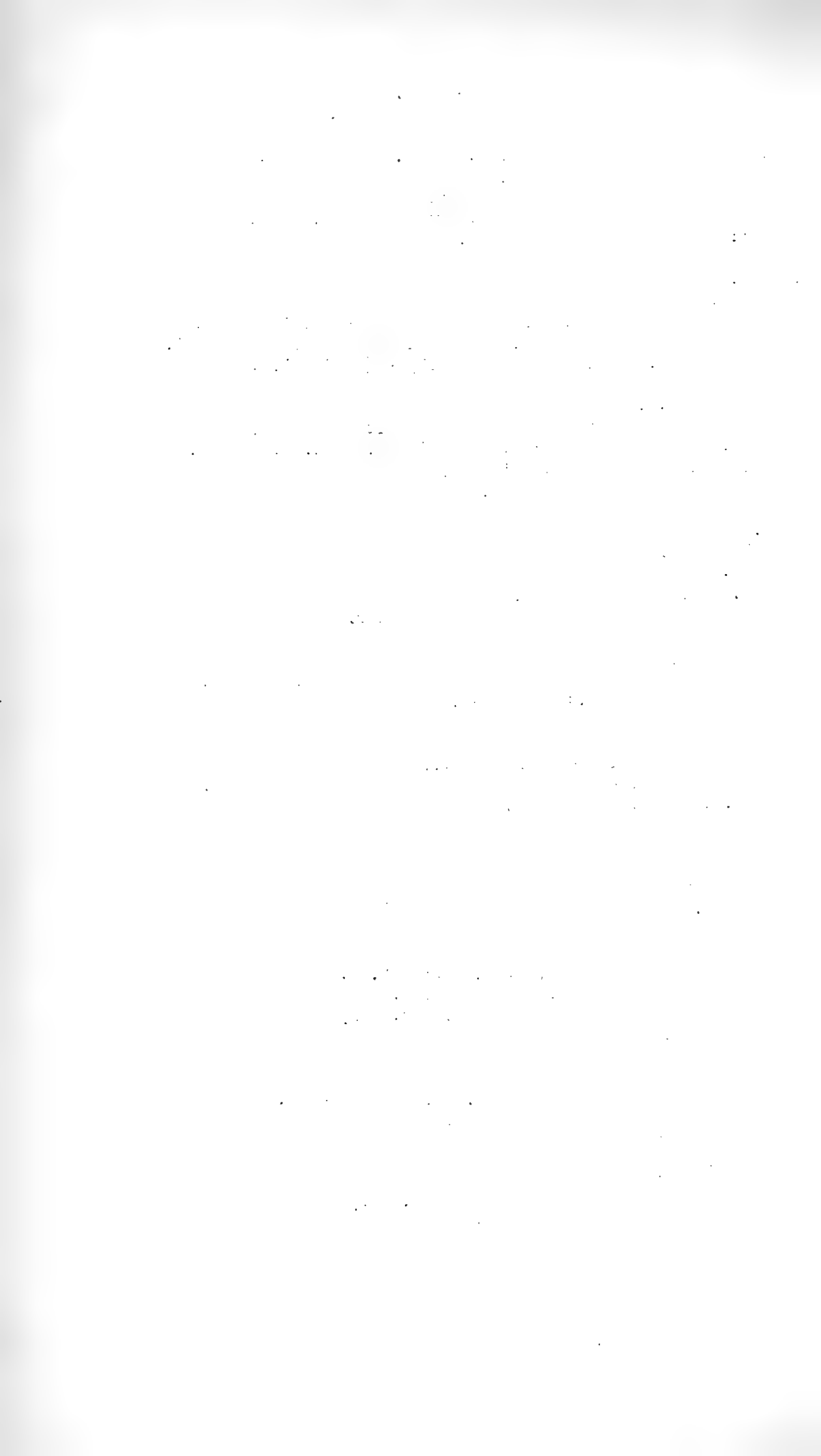
A testbook of general botany. 409 p. illus.
New York, 1924.

Stephani, F.

Species hepaticarum... v.6, p. 177-448.
Geneve, 1921-1924. (Rec'd Jl. 1924).

Toni, G.B. de.

Sylloge algarum omnium hucusque cognitarum.
v.5, v.6, Sect.5. Patavii, 1907-1924.
v.5- Myxophyceae. - v.6, Florideae.





Addisonia.

- Addisonia, v.9, no.2. Je. 1924.
Helxine soleirolii. p.17-18. col.pl.297.
Acer rubrum. p.19-20. col.pl. 298.
Isotoma longiflora. p.21-22. col.pl. 299.
Erythronium grandiflorum. p.23-24. col.pl. 300.
Unifolium canadense. p.25-26. col.pl. 301.
Aglaeonema marantifolium. p.27. col.pl. 302.
Breynia nivosa. p.29-30. col.pl. 303.
Graptopetalum rusbyi. p.31-32. col.pl. 304.

Amer. For. & For. Life.

- Bunting, G. A.
Jewel weed vs. poison ivy. Amer.For. & For.
Life. 30: 495-496. illus. Ag. 1924. no.368.
Statement by a pharmacist of efficacy of tincture
of jewel weed as an antidote for poison ivy.

Dayton, W. A.

- Flowers of the high places. Amer. For. & For.
Life. 30: 486-489, 501. illus. Ag. 1924. no.368.

Amer. Fruit Grow. Mag.

- Brierley, W. G.
Trying to tame the blueberry in Minnesota.
Amer. Fruit Grow. Mag. v.44, no.8. p.4, 11.
illus. Ag. 1924.

Ann. Mycol.

- Höhnel, F. von.
Beitrag zur kenntnis der gattung *Cylindrosporium*
Grev. Ann. Mycol. 22: 191-203. 1924. no.1/2.
Aus den hinterlassenen schriften herausgegeben
von Prof. Dr. Josef Weese, Wien.
Libertina, *Phloeosporella*, *Phloeosporina*, *Allan-*
tozythia nov.gen.

Kallenbach, F.

- Boletus pseudo-sulphureus* n.sp. Ann. Mycol.
22: 239-244. 1924. no.1/2.

Hilitzer, A.

- Enumeratio critica *Parmeliacearum* Bohemiae.
Ann. Mycol. 22: 219-229. 1924. no.1/2.

Petrak, F.

- Mykologische notizen VII (301-399) Ann.
Mycol. 22: 1-182. 1924. no. 1/2.

Pilat, A.

- Beiträge zur kenntnis der thelephoraceen. I.
Ann. Mycol. 22: 204-218. pl. i. 1924. no.1/2.
I. Die cyphellaceen Böhmens.

Sydow, H.

- Beschreibungen neuer südafrikanischer pilze.IV.
Ann. Mycol. 22: 235-238. 1924. no.1/2.

Sydow, H.

- Ein neues deutsches *Entyloma*, *E.bavaricum* Syd.
Ann. Mycol. 22: 245. 1924. no.1/2.

Ann. Mycol. (cont.)

Sydow, H.

Petrakiella Syd., eine neue gattung aus der
verwandtschaft der diaportheen. Ann. Mycol.
22: 230-234. illus. 1924. no.1/2.

P. insignis.

Sydow, H. & Werdermann, E.

Ueber einige neue oder interessante pilze der
Kanarischen Inseln. Ann. Mycol. 22: 183-190.
illus. 1924. no.1/2.

Xenomeris, Pycnomma nov.gen.

Ann. Missouri Bot. Gard.

Burt, E. A.

Some wood-destroying fungi of Java. Ann.
Missouri Bot. Gard. 11: 37-42. pl.2. F. 1924.
(Rec'd Jl.) no.1.

Burt, E. A.

The Thelephoraceae of North America XIII.
Cladoderris, Hypolyssus, Cymatella, Skepperia,
Cytidia, Solenia, Matruchotia, Microstroma,
Protocoronospora, and Asterostroma. Ann.
Missouri Bot. Gard. 11: 1-36. pl.i. F. 1924.
(Rec'd Jl.) no.1.

Wolpert, F. S.

The growth of certain wood-destroying fungi in
relation to the H-ion concentration of the media.
Ann. Missouri Bot. Gard. 11: 43-97. F. 1924.
(Rec'd Jl.) no.1.

Bibliography: p. 96-97.

Studies in the physiology of the fungi XVII.

Ann. Rep. Dept. Agr. Brit. East Africa.

McDonald, J.

Annual report of the mycologist for the year
1922. Ann. Rep. Dept. Agr. Brit. East Africa.
(Kenya Colony) 1922. p.111-115. 1924.

Ann. Rep. Dept. Agr. Jamaica.

Hansford, C.G.

Report of the government microbiologist. Ann.
Rep. Dept. Agr. Jamaica. 1923. p.23-25. 1924.

Ann. Rep. Kirton Agr. Inst.

Miles, H. W.

Bunt in wheat and its control. Ann. Rep.
Kirton Agr. Inst. 1923, p.40-43. illus.
References: p. 43.

Miles, H. W.

Potato leaf curl. Ann. Rep. Kirton Agr.
Inst. 1923, p.33-37. illus.

Miles, H. W.

Verticillium disease of potatoes. Ann.Rep.
Kirton Agr. Inst. 1923, p.37-39. illus.
References: p. 39.

1927

1927

1927

1927

1927

1927

1927

1927

1927

1927

1927

1927

Ann. Rep. Pom. & Fruit Grow. Soc. Quebec.

Dickson, B.T.

Diseases of small fruits. Ann. Rep. Pom. &
Fruit Grow. Soc. Quebec. 1923, p.6-11 [1924]

Austral. For. Journ.

Gardner, C.A.

The forest formations of Western Australia no.5.
The Salmon gum forest. Austral. For. Journ. 7: 120-
123. My. 1924. no.5.

Biochem. Journ.

Onslow, M. W.

Oxidising enzymes VII. The oxygenase of the higher
plants. Biochem. Journ. 18: 549. 1924. no.3-4.
References: p. 549.

Robinson, M. E.

A comparison of certain oxidising enzymes of the
higher and lower plants. Biochem. Journ. 18: 543-
548. 1924. no. 3-4.
References: p. 548.

Biochem. Zeitschr.

Sabalitschka, Th.

Ueber die ernährung von pflanzen mit aldehyden V.
mitteilung: Einfluss des formaldehyds auf die funk-
tion pflanzlicher enzyme. Biochem. Zeitschr.
148: 370-382. Je. 1924. no.3/4.

Bot. Arch.

Arland, A.

Der hafer-flugbrand, *Ustilago avenae* (Pers.) Jens.
Biologische untersuchungen mit besonderer berück-
sichtigung der infektions- und anfälligkeitsfrage.
Bot. Arch. 7: 70-111. illus. J1.1, 1924. no.1/2.
Literatur: p. 101-102.

Illert, H.

Botanische untersuchungen über hitzetod und stoff-
wechselgifte. Bot. Arch. 7: 133-141. J1.1,
1924. no.1/2.
Literatur-verweise: p. 141.

Loesener, Theodor.

Eduard Seler. Bot. Arch. 7: 1-4. J1.1, 1924.
no.1/2.

Loesener, Theodor.

Gustav Lindau. Bot. Arch. 7: 4-8. J1.1,
1924. no.1/2.

Raeder, F.

Sero-diagnostische untersuchungen über strit-
tige verwandtschaftsverhältnisse innerhalb der di-
kotylen. Bot. Arch. 7: 9-40. J1.1, 1924.
no.1/2.

Literatur: p. 40.

Bot. Arch. (cont.)

Rose, B. v.

Ein beitrage zur einwirkung der düngsalze auf die bodenreaktion und den ertrag verschiedener pflanzen.

Bot. Arch. 7: 112-133. J1.1, 1924. no.1/2.

Literatur-verweise und anmerkungen: p.132-133.

Soeding, H.

Anatomie der wurzel-, stengel- und rübenbildung von oelraps und steckrübe (*Brassica napus* L. var. *oleifera* und var. *napobrassica*)

Bot. Arch. 7: 41-69. illus. J1.1, 1924. no.1/2.

Literatur-verweise: p. 69.

Ziegenspeck, H.

Milchsaft und schleime. Bot. Arch. 7:

141-174. J1.1, 1924. no.1/2.

Brit. Journ. Exper. Biol.

Blackburn, K.B. & Harrison, J.W.H.

Genetical and cytological studies in hybrid roses.

I- Brit. Journ. Exper. Biol. 1: 557-570. illus., pl.i-ii. J1. 1924. no.4.

References: p. 570.

I. The origin of a fertile hexaploid form in the *pimpinellifoliae-villosae* crosses.

Harrison, J.W. H.

Sex in the Salicaceae and its modification by eriophyid mites and other influences. Brit. Journ. Exper. Biol. 1: 445-472. illus. J1. 1924. no.4.

References: p. 470-472.

Brooklyn Bot. Gard. Rec.

Gager, C. S.

Venus's flytrap in bloom. Brooklyn Bot. Gard. Rec. 13: 128-130. illus. J1. 1924. no.3.

Reed, G.M.

The smuts of cereals; their nature, economic importance, and the significance of recent discoveries. Brooklyn Bot. Gard. Rec. 13: 103-124. illus. J1.1924. no.3.

Bull. Gard. Club Amer.

Lloyd, M.H.W.

Hemerocallis. Bull. Gard. Club Amer. n.s., no.18. p.44-46. J1. 1924.

Bull. Soc. Chim. Biol.

Colin, H. & Estienne, V.

Utilisation des lévulosanes par les organismes. Bull. Soc. Chim. Biol. 6: 431-435. My. 1924. no.5.

Bull. Torr. Club.

Munz, P.A. & Johnston, I.M.

Miscellaneous notes on plants of Southern California, III. Bull. Torrey Bot. Club. 51: 295-302. J1. 1924. no.7.

Shreve, F.

Across the Sonoran Desert. Bull. Torrey Bot. Club. 51: 283-293. illus. J1. 1924. no.7.

Bull. Torr. Club. (cont.)

Smith, C.P.

Studies in the genus *Lupinus* XI. Some new names and combinations. Bull. Torrey Bot. Club. 51: 303-310. Jl. 1924. no. 7.

Circ. Dept. Agr. Uganda.

Small, W.

The diseases of *Coffea arabica* in Uganda. Circ. Uganda Dept. Agr. no. 9. 22 p. 1923.

Compt. Rend. Acad. Sci. Paris.

Brioux, Ch.

Saturation dans le sol de l'acide sulfurique utilisé pour la destruction des mauvaises herbes. Compt. Rend. Acad. Sci. Paris. 179: 74-77. Jl. 7, 1924. no. 1.

Goris, A.

Sur la composition chimique des fruits verts de vanille et le mode de formation du parfum de la vanille. Compt. Rend. Acad. Sci. Paris. 179: 70-72. Jl. 7, 1924. no. 1.

Lemoine, P.

Sur la répartition des algues calcaires (Coralinacées) en profondeur, en Méditerranée. Compt. Rend. Acad. Sci. Paris. 179: 201-203. Jl. 1924. no. 3.

Mayer, A. & Plantefol, L.

Sur les échanges d'eau des mousses avec l'atmosphère. Compt. Rend. Acad. Sci. Paris. 179: 204-206. Jl. 1924. no. 3.

Sartory, A. & Sartory, R.

Action du bichromate de potassium et du bichromate de cuivre sur la croissance du *Phytophthora* infestans. Compt. Rend. Acad. Sci. Paris. 179: 69-70. Jl. 7, 1924. no. 1.

Souèges, R.

Embryogénie des typhacées. Développement de l'embryon chez le *Sparganium simplex* L. Compt. Rend. Acad. Sci. Paris. 179: 198-200. illus. Jl. 1924. no. 3.

Wolff, J.

Nouvelles observations sur la perte du pouvoir germinatif des semences d'orchidées. Compt. Rend. Acad. Sci. Paris. 179: 67-68. Jl. 7, 1924. no. 1.

Compt. Rend. Soc. Biol. Paris.

Lapicque, L. & Chaussin, J.

Sur les méthodes de mesure de la concentration moléculaire globale dans les tissus végétaux. Compt. Rend. Soc. Biol. Paris. 91: 463-466. Jl. 18, 1924. no. 25.

Country Life.

- Osborn, A.
The newer Chinese lilacs. Country Life.
56: 143-144. illus. Jl.1924. no.1438.

Ecology.

- Conard, H.S.
Belt transect of Cold Spring Harbor sandspit.
(Long Island, N.Y.) 1922. Ecology. 5: 259-261.
Jl. 1924. no.3.
- Reed, G. & Klugh, A.B.
Correlation between hydrogen ion concentration
and biota of granite and limestone pools. Ecology.
5: 272-275. Jl. 1924. no.3.
- Shull, C. A.
Imbibition in relation to absorption and trans-
portation of water in plants. Ecology. 5: 230-
240. Jl.1924. no.3.
Literature cited: p. 239-240.
- Weiss, H.B. & West, E.
Insects and plants of a dry woods in the pine
barrens of New Jersey. Ecology. 5: 241-253.
illus. Jl. 1924. no.3.

Feuille Nat.

- Nicolas, G.
Remarques biologiques sur le *Lunularia cruciata*
(L.) Dumortier, les formations mycorhiziques des
marchantiacées. Feuille Nat. 45: 76-81.
Jl. 1924. no.5.

Flor. Exch.

- Barnett, C.R.
Orchid literature in the nation's capital.
Flor. Exch. 58: 337. Ag.2, 1924.
List of illustrated works on orchids in U.S.
Dept. of agriculture library and in the Library of
Congress.

Garden.

- Maxwell, R.
Blue flowers. Garden. 88: 482-483. illus.
Jl.12, 1924. no.2747.

Gard. Chron.

- Dicks, S.B.
The parsley (*Carum petroselinum*) Gard.
Chron. III,76: 64-65. Jl.26, 1924. no.1961.
- Friend, H.
Garden-craft in the Canticles III. Gard.
Chron. III,76: 26-27 Jl.12, 1924. no.1959.
- Giant-flowered *Ranunculus*. Gard. Chron. III,
76: 59. illus. Jl.26, 1924. no.1961.
Dr.Ragionieri's strain of *Ranunculus*.



Gard. Chron. (cont.)

Imperial botanical conference. Gard. Chron.
III, 76: 64. Jl. 26, 1924. no. 1961.
Held in London, July 7-16.

Parkin, J.

The classification of flowering plants.
(concl.) Gard. Chron. III, 76: 44. Jl. 19,
1924. no. 1960.

Robertson Proschowsky, A.

Palms of the Riviera. (concl.) Gard. Chron.
III, 76: 42-43. Jl. 19, 1924. no. 1960.

Sir. Harry J. Veitch, V.M.H. Gard. Chron. III,
76: 19. Jl. 12, 1924.

Ward, F.K.

Rhododendrons (cont.) Gard. Chron. III,
76: 24-25, 46, 62-63. Jl. 1924. no. 1959-61.

Gard. Illus.

J A.T.
The oleasters (Elaeagnus) Gard. Illus.
46: 445. Jl. 19, 1924. no. 2367.

Genetica.

Dorst, J.C.
Knopmutatie bij den aardappel. Genetica.
6: 1-123. illus., pl. i. Ja.-F. 1924. no. 1.
Literatuur: p. 118-121.
English summary: p. 114-118.

Prell, H.

Monomere und polymere elimination zugleich ein
beitrag zur oenotherenproblem. Genetica. 6:
124-144. Ja.-F. 1924. no. 1.

Hawaiian Plant. Rec.

McGeorge, W.T.

Salt accumulation in Oahu soils - its relation to
poor growth of Lahaina. Hawaiian Plant Rec. 28:
359-369. illus. Jl. 1924. no. 3.

Shamel, A.D.

Bud selection as affecting quantity production.
Hawaiian Plant. Rec. 28: 337-342. Jl. 1924. no. 3.

III. Biol. Monogr.

Stevens, F.L.

Parasitic fungi from British Guiana and Trini-
dad. Ill. Biol. Monogr. v. 8, no. 3. 76 p.
pl. i-xix. Jl. 1923 (Rec'd Jl. 1924)

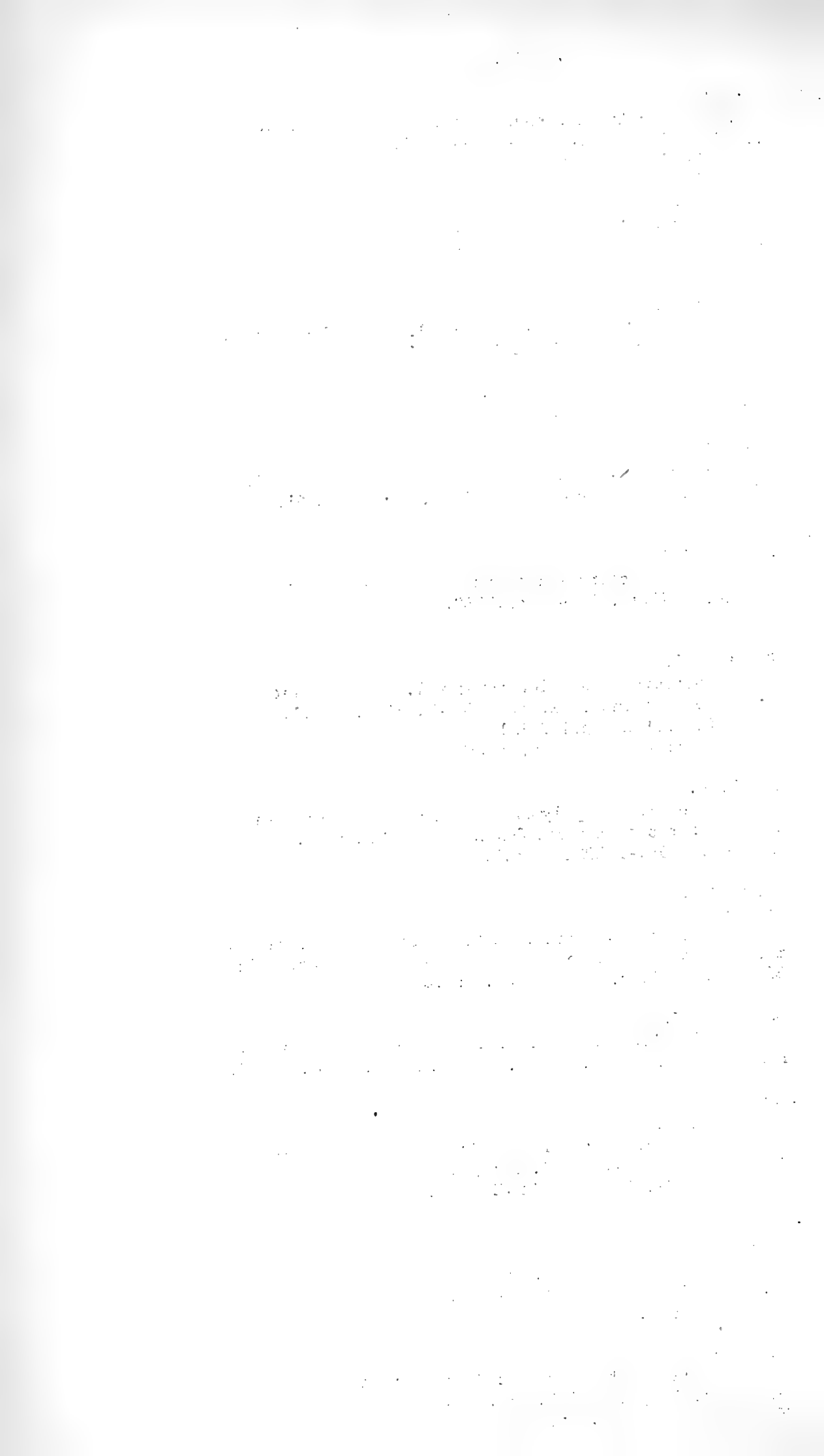
Indian For.

Parker, R.N.

A new species of *Alseodaphne*. Indian For.
50: 365-366. pl. 16. Jl. 1924. no. 7.
A. owdeni.

Singh, S.

The liability of doedar to the attack of *Trametes*
pini (Brot. Fr.) in Lolab, Kashmir. Indian For. 50:
361-365. Jl. 1924. no. 7.



Indian For.Rec.

Parker, R.N., Gopal Rau, M., Robertson, W.A. & Simonsen, J.L.

Oils and fats from the seeds of Indian forest trees. VI. The oil from the seeds of *Aleurites montana*, Wils. Indian For. Rec. v.10, no.2. 12 p. pl. 1924.

Journ. Agr. Prat.

Gaudot, G.

Maladie du jeune de la pomme de terre. Journ. Agr. Prat. 88(2): 54-55. col.pl. J1.19, 1924. no.29.

Verticillium albo-atrum.

Ponsard, J.

Les poudres fongicides contre la carie du blé. Journ. Agr. Prat. 88(2): 74-75. J1.26, 1924. no.30.

Journ. & Proc. Roy. Soc. N.S.W.

Baker, R.T. & Smith, H.G.

On the Australian *Melaleucas* and their essential oils, pt.VI. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 115-124. pl.i. 1923.

Cabbage, R.H.

Acacia seedlings VIII. Journ. & Proc. Roy. Soc. N.S.W. 56: 130-148. pl.ii-v. 1923.

Cheel, E.

Notes on *Melaleuca linariifolia* Sm. and *M. trichostachya* Lindl. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 78-81. 1923.

Cheel, E.

Notes on the genera *Darwinia*, *Homoranthus* and *Rylstonea* in N.S.Wales, Queensland, and South Australia. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 62-77. 1923.
Homoranthus darwinioides, *H. wilhelmii*, nov. comb.

Dodd, S.

Poisoning of sheep by *Solanum cinereum*. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 153-158. 1923.

Smith, H.G.

Notes on the chemistry of certain Australian plant products pt.I. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 180-184. pl.vi. 1923.

1. Resin coating the leaves of *Acacia verniciflua*. 2. Essential oil of *Boeckea gunniana*. 3. Rubber and wax from *Sarcostemma australe*.

Welch, M.B.

Note on the relationship between oil glands and oil yields in the eucalypts. Journ. & Proc. Roy. Soc. N.S.Wales. 56: 149-152. 1923.

Journ. Bath & West & South Co. Soc. Agr.

Briton-Jones, H.R.

Pear leaf blister (*Taphrina bullata*, Tul.)

Journ. Bath. & West & South Co. Soc. Agr. V,18: 214-215. 1924.

In Ann. Rep. Nat. Fruit and Cider Inst., 1923.

Lees, A.H.

Progress report on big bud and reversion of black currants. Journ. Bath. & West & South Co. Soc.

Agr. V,18: 195-198, 1924.

In Ann. Rep. Nat. Fruit and Cider Inst., 1923.

Ridler, W.F.F.

The structure of reverted black currants. Journ.

Bath. & West & South Co. Soc. Agr. V,18: 199-200. 1924.

In Ann. Rep. Nat. Fruit and Cider Inst., 1923.

Spinks, G.T.

Notes on strawberry breeding. Journ. Bath. & West & South Co. Soc. Agr. V,18: 238-247. 1924.

In Ann. Rep. Nat. Fruit and Cider Inst., 1923.

Tutin, F.

Pectin and its hypothetical precursor "protopectin." Journ. Bath. & West & South Co. Soc. Agr.

V,18: 215-220. 1924.

In Ann. Rep. Nat. Fruit and Cider Inst., 1923.

Journ. Biol. Chem.

Vickery, H.B.

Some nitrogenous constituents of the juice of the alfalfa plant. I- Journ. Biol. Chem. 60: 647-655. Jl. 1924. no.4.

Bibliography: p.655.

I. The amide and amino acid nitrogen.

Journ. Dept. Agr. West Austral.

Carne, W.M.

Flag smut of wheat (*Urocystis tritici*) Journ.

Dept. Agr. West Austr. II,1: 142-147. illus.

Je. 1924. no.2.

Carne, W.M.

Pests and the grower. Journ. Dept. Agr.

West. Austr. II,1: 148-149. Je. 1924. no.2.

Journ. Frankl. Inst.

Jodidi, S.L.

Physiological studies on cereals II. The occurrence of amino acids and polypeptides in the ungerminated oat kernel. Journ. Franklin Inst. 193: 201-211. Ag. 1924.

For no. I see Jodidi & Markley The occurrence of polypeptides and free amino acids in the ungerminated wheat kernel.

Journ. Hered.

Blakeslee, A.F. & Belling, J.
Chromosomal mutations in the jimson weed,
Datura stramonium. Journ. Hered. 15: 195-206.
illus. My.1924 (Rec'd Jl.) no.5.

Wiebe, G.A.
Albinism in barley. Journ. Hered. 15:221-
222. illus. My.1924 (Rec'd Jl.) no.5
Literature cited: p.222.

Gates, R.R.
Meiosis and crossing-over. Journ.Hered. 15:
237-240. My.1924 (Rec'd Jl.) no.5.
Literature cited: p.239-240.

Lesley, J.W.
Cross pollination of tomatoes. Varietal differences
in amount of natural cross-pollination important factor in
selection. Journ. Hered. 15: 233-235. illus.
My. 1924 (Rec'd Jl.) no.5.
Literature cited: p. 235.

Journ. N.Y. Bot.Gard.

Rydberg, P.A.
Plants used by ancient American Indians.
Journ. N.Y. Bot.Gard. 25: 204-205. Jl. 1924.
no.295.
Notes on collections made by M.R. Gilmore.

Seaver, F.J.
The snapdragon rust. Journ. N.Y. Bot.Gard.
25: 203-204. Jl. 1924. no.295.
Puccinia antirrhini.

Small, J.K.
The cacti - an interesting plant-group in the
study of survival. Journ.N.Y. Bot.Gard. 25:
197-201. Jl. 1924. no.295.

Stout, A.B.
Seedling lilies: a report of progress of experi-
mental studies with species of *Lilium*. Journ.
N.Y. Bot.Gard. 25: 185-194. illus. Jl.1924.
no.295.

Journ. Pomol. & Hort. Sci.

Spence, H.
Some notes on nut growing in the northern United
States. Journ. Pomol. & Hort. Sci. 4: 1-23.
plates. Jl.1924. no.1.

T , H.V.
Carbon dioxide in relation to glass-house crops.
Journ. Pomol. & Hort.Sci. 4: 62-63. Jl.1924. no.1.

Woodman, R.M.
The physics of spray liquids. I- Journ.
Pomol. & Hort. Sci 4: 38-58. Jl.1924. no.1.
References: p.58.
I. The properties of wetting and spreading.

Journ. Roy. Micr. Soc.

Blomfield, J.E.

Witches-brooms. Journ. Roy. Micros. Soc.
1924. p.190-194. illus., pl.xv-xvi. Je. 1924.
no.2.

Journ. Soc.Nat.Hort. France.

Guillaumin, A.

Les araliacés cultivées, en particulier les
Schefflera (y compris les anciens genres Actino-
phyllum, Heptapleurum, Paratropia et Sciadophyllum)
Journ. Soc. Nat.Hort.France. IV,25: 184-198.
Je. 1924.

Énumération des espèces et variétés d'araliacées
cultivées: p.192-198.

Journ. Wash. Acad. Sci.

Blake, S.F.

New plants from Central and South America.
Journ. Wash. Acad. Sci. 14: 284-293. Jl.19,1924.
no.13.

Landscape. Arch.

Jardine, M.I.

Blooming dates. Landscape Arch. 14:
270-278. Jl.1924. no.4.

Schermerhorn, R.jr.

Samuel Parsons. Landscape Arch. 14:231-
234. port. Jl. 1924. no.4.

K. Landtbr. Akad.Handl. o. Tidskr.

Lind, G.

Nagra förvaringsförsök med äpplen 1922-1923.
K. Landtbr. Akad.Handl. o. Tidskr. 62: 429-434.
1923.

Mem. Dept. Agr. India Bot.Ser.

Joshi, S.D.

The wilt disease of safflower. Mem. Dept.
Agr. India. Bot.Ser. 13: 39-46. pl.i-iii. Ap.
1924. no.2.
Sclerotinia sclerotiorum.

Missouri Bot.Gard. Bull.

What to plant in city gardens. Missouri Bot.
Gard. Bull. 12: 69-79. Je. 1924. no.6.
List of trees and shrubs...: p.75-79.

Mycol. Notes.

Lloyd, C.G.

Prof. A.H.R. Buller. In his Mycological
notes no.70 (v.7, no.6). p.1237. port. Ja.
1924.

Nature.

Farmer, J.B.

Leaf-mould. Nature. 114: 87. Jl.19,
1924. no.2855.

Salisbury, E.J.

Insects and flowers. Nature. 114: 92-94.
Jl.19, 1924. no.2855.



Nature Mag.

Browmell, L.W.

Native North American orchids. Nature Mag.
4: 97-100. illus. Ag. 1924. no.2.

Nachrichtenbl. Deut. Pflanzenschutzd.

Müstner, G.

Die weiterentwicklung der kropfmaser des apfel-
baumes. Nachrichtenbl. Deut. Pflanzenschutzd. 4:
21-23. illus. Ap. 1924. no.4.

Nuovo Giorn. Bot. Ital.

Grande, L.

Note di floristica (cont.) Nuovo Giorn. Bot.
Ital. 31: 105-160. Je. 1924. no.22.

Zangheri, P.

Flora di Romagna. Funghi (Hymeniales) Nuvo
Giorn. Bot. Ital. 31: 71-104. Je. 1924. no.2.

Parfum. Mod.

Jahandiez, E.

Note sur les composées aromatiques. Les achillé-
es. Parfum. Mod. 17: 109-110. illus. Je. 1,
1924. no.6.

Pharm. Journ.

Maplethorpe, C.W.

Note on *Artemisia gallica* Willd. Pharm. Journ.
113:106. Jl. 26, 1924. no.3171.

Examined *A. gallica* and *A. maritima* for santonin,
found no appreciable amount in either species.

Maplethorpe, C.W.

The structure and development of the bark of
Erythrophleum guineense, G. Don. Pharm. Journ.
113:106-108. illus. Jl. 26, 1924. no.3171.

Wallis, T.E. & Saunders, A.M.

The rhizomes of *Helleborus niger* and *H. viridis*:
a comparative study. Pharm. Journ. 113: 60-
94. illus. Jl. 26, 1924. no.3171.

References: p.94.

Pharm. Weekbl.

Wagenaar, M.

Bijdrage tot de kennis van het zaad van *Abrus*
precatorius. Pharm. Weekbl. 61: 805-810.
illus. Jl. 19, 1924.

Literatuurkijst: p.810.

Rev. Agr. Ile Maurice.

Shepherd, E.F.S.

La maladie de la pointe dans la canne à sucre.
Rev. Agr. Ile Maurice. 1924. p.146-147. My./Je.
1924. no.15.

Physiological.

Philipp. Agr.

Mendiola, N.B. & Unite, J.O.

Breeding ornamental *Hibiscus* II. Artificial
and natural selection for dwarf, medium and tall
seedlings. Philipp. Agr. 13: 45-47. pl. i.
Je. 1924. no.1.

- Philipp. Journ. Sci.
Marañon, J.M.
A biochemical study of resistance to mildew in
Oenothera. Philipp. Journ.Sci. 24:369-441.
Ap.1924. no.4.
Literature cited: p.432-436.
- Publ. Inst.Bot. Univ. Genève.
Chodat, L.
Contributions à la géo-botanique de Majorque.
Publ. Inst.Bot. Univ. Genève. v.10,fasc.6. 116
p. 1923.
Bibliographie des travaux relatifs a Majorque.
- Queensl. Agr. Journ.
Cottrell-Dormer, W.
Sugar pests and diseases in the Mackay district.
Queensl. Agr. Journ. 21: 428-434. Je. 1924. no.6.
Only every other page is text.
- White, C.T.
Queensland trees. no.30. Cryptocarya patenti-
nervis. Queensl. Agr. Journ. 21: 437-439. illus.
Je. 1924. no.6.
- Queensl. Nat.
White, C.T.
The eucalypts or gum trees of the Brisbane dis-
trict. Queensl. Nat. 4: 67-72. My. 1924. no.4.
- Rep. Dept. Agr. Gold Coast.
Bunting, R.H.
Report of the Research branch 1st January 1922
to 31st March, 1923. Rep. Agr. Dept. Gold Coast.
1922,1923. p.19-23. 1923.
- Rep.Marlborough Coll. Nat.Hist.Soc.
Hurst, C.P.
Fungi. Rep. Marlborough Coll.Nat.Hist.
Soc. 72: 50-60, 1924.
- Rev.Agr. Com. y Trab. Cuba.
Calvino, M.
Observaciones fitotecnicas sobre el rizoma de la
caña de azucar. Rev.Agr. Com. y Trab. Cuba.
6: 35-39. 1924. no.1.
- Fortún, G.
El mosaico o rayas amarillas en la caña de azucar.
Rev. Agr. Com. y Trab. Cuba. 6: 4-9. 1924. no.1.
- Rev.Hort.
Gérôme, J.
Quelques règles de grammaire s'appliquant
au langage botanico-horticole. (concl.) Rev.
Hort. 96: 161-162. Jl.16,1924. no.7.
- Mottet, S.
Arundinaria nitida. Rev.Hort 96: 159-
160. illus. Jl.16,1924. no.7.
- Vacherot-Lecoufle.
Laeliocattleya deschanelii var.marceliana.
Rev.Hort. 96: 160-161. col.pl. Jl.16,1924. no.7.

Schweiz.Apoth.Zeit.

Vischer, W.

Ueber die moderne kautschukgewinnung in Ostindien und über die physiologische bedeutung des kautschuks für die pflanze (schlusa) Schweiz. Apoth. Zeit.

62: 425-431. J1.26, 1924. no.30.

Literaturübersicht: p.430-431.

Science.

"Black lilies." Science. 60(Suppl.): x.
J1.25, 1924. no.1543.

Purplish black lily collected by J.F. Rock in Yunnan: mentions a number of other plants collected by Mr.Rock and being introduced by the Bureau of Plant Industry.

Grafted potatoes. Science. 60 (Suppl.):viii.
Ag.1,1924.

Trelease, W.

The relation of botany to agriculture. Science.
60: 89-94. Ag.1, 1924. no.1544.

Scient.Agr.

Bisby, G.R.

The Sclerotinia disease of sunflowers and other plants. Scient. Agr. 4: 381-384. illus.

Ag.1924. no.12.

Bibliography: p. 384.

Trans. & Proc.Roy. Soc.So.Austr.

Black, J. McC.

Additions to the flora of Australia, no.21.

Trans. & Proc.Roy. Soc. So.Austr. 47: 367-370.
illus. 1923.(Rec'd 1924)

Cleland, J.B. & Cheel, E.

Australian fungi: notes and descriptions no.

4. Trans. & Proc. Roy. Soc. So.Austr. 47: 58-
78. pl.i-ii. 1923 (Rec'd 1924)

Cleland, J. B.

The flora and fauna of Nuyts Archipelago and the Investigator group. no.14. The basidiomycetous fungi of Pearson Island, Great Australian Bight. Trans. & Proc. Roy. Soc. So.Austr. 47: 365-366. 1923. (Rec'd 1924).

Johnston, T. H. & Hitchcock, I.

A bacteriosis of prickly pear plants (*Opuntia* sp.) Trans. & Proc. Roy.Soc. So.Austr. 47:

162-164. 1923. (Rec'd 1924)

Caused by *Bacillus cacticidus*.

Osborn, T.G.B. & Wood, J.G.

The flora and fauna of Nuyts Archipelago and the Investigator group. no.8. The ecology of Pearson Islands. Trans. & Proc. Roy. Soc. So.Austr. 47:

97-118. pl.iv-ix. 1923. (Rec'd 1924).

Trans. & Proc. Roy. Soc. So. Austr. (cont.)

Osborn, T.G.B. & Wood, J.G.

On some halophytic and non-halophytic plant communities in arid South Australia. Trans. & Proc. Roy. Soc. So. Austr. 47: 388-399. pl. xxxv-xxxvi. 1923. (Rec'd. 1924)

Osborn, T.G.B. & Wood, J.G.

On the zonation of the vegetation in the Port Wakefield district, with special reference to the salinity of the soil. Trans. & Proc. Roy. Soc. So. Austr. 47: 244-254. 1923. (Rec'd. 1924)

Rogers, R.S.

Contributions to the orchidaceous flora of Australia. Trans. & Proc. Roy. Soc. So. Austr. 47: 337-341. pl. xxvii. 1923. (Rec'd. 1924)

Rogers, R.S.

The distribution of Australian orchids. Trans. & Proc. Roy. Soc. So. Austr. 47: 322-336. 1923. (Rec'd. 1924)

Wood, J.G.

On transpiration in the field of some plants from the arid portions of South Australia, with notes on their physiological anatomy. Trans. & Proc. Roy. Soc. So. Austr. 47: 259-278. illus., pl. xxi. 1923. (Rec'd. 1924)

Bibliography: p. 278.

Trop. Agr.

Mitchell, J.

Work of Ceylon rubber research scheme during 1923. Trop. Agr. 62: 323-335. Je. 1924. no. 6.

Diseases: p. 324-326.

[Report of] mycologist, (M. Park): p. 329-331.

[Report of] physiological botanist (R.A. Taylor): p. 331-332.

U.S. Dept. Agr. Bull.

Brooks, C. & Fisher, D.F.

Prune and cherry brown-rot investigations in the Pacific northwest. U.S. Dept. Agr. Bull. 1252. 21 p. v pl. Jl. 16, 1924.

Rose, D.H.

Diseases of apples on the market. U.S. Dept. Agr. Bull. 1253. 24 p. Jl. 21, 1924.

U.S. Dept. Agr. Farm. Bull.

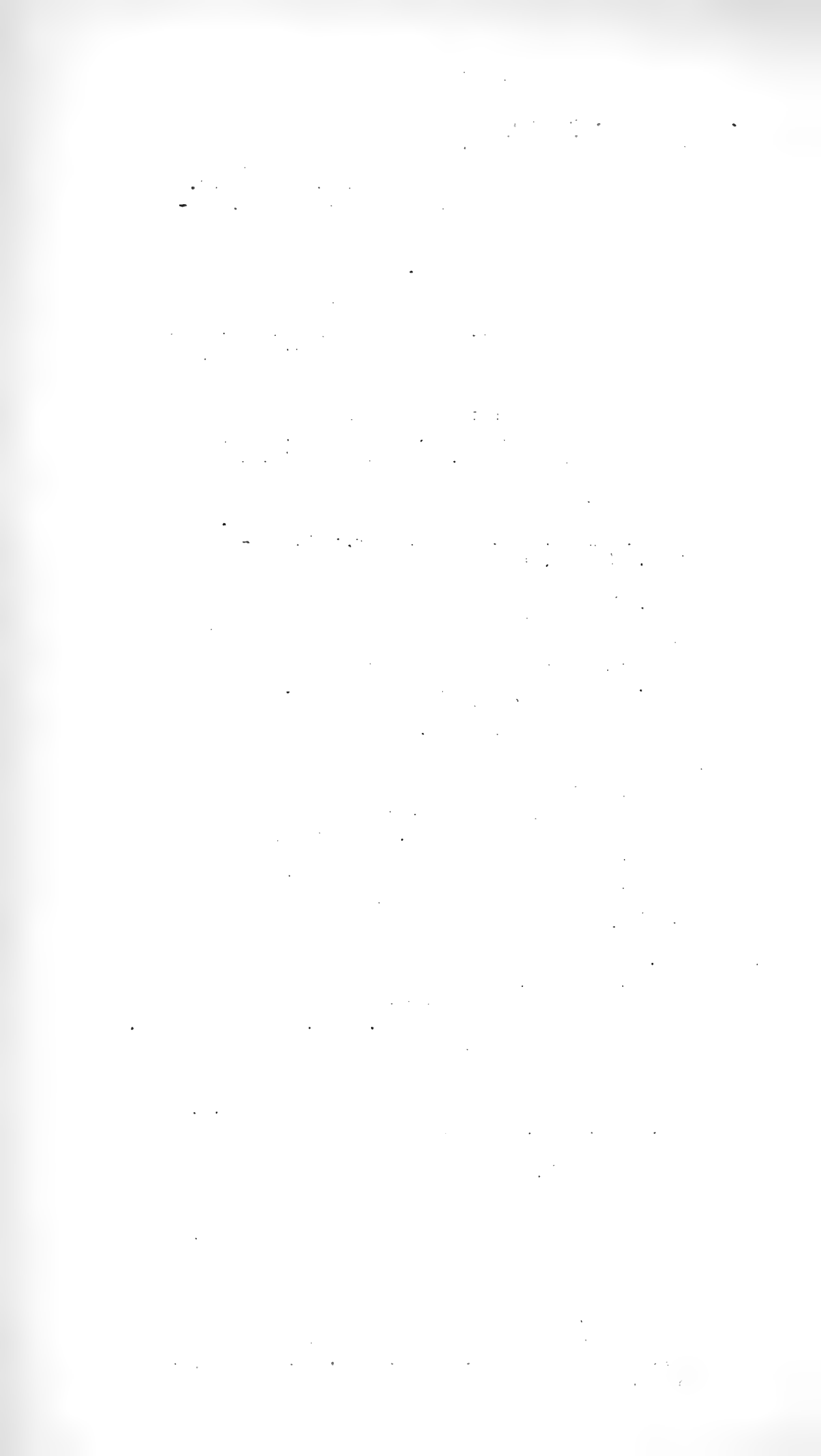
Mulford, F.L.

Herbaceous perennials. U.S. Dept. Agr. Farm. Bull. 1381. 90 p. illus. My. 1924 (Rec'd. Jl.)

U.S. Dept. Agr. Plant Disease Report.

Vaughan, R.E.

Diseases of field and vegetable crops in the United States in 1923. Plant Dis. Rep. Suppl. 34. Jl. 15, 1924.



West.Fruit.

Heald, F.D.
The orchard menace of silver-leaf. West. Fruit.
v.6, no.7. p.18-19. Jl. 1924.

Zundel, G.L.
Spraying from broom to aeroplane. West.Fruit.
v.6, no.7. p.8, 24. Jl. 1924.

Zeitschr. Sukkulent.

Söhrens, J.
Geschlechts- U.bestäubungs- verhältnisse einiger
arten der gattung Cereus. Zeitschr. Sukkulent.
1924, p.151-155. Je.30, 1924. no.12.

Vaupel, F.
Echinocactus cumingii. Zeitschr. Sukkulent.
1924, p.145-147. Je. 30, 1924. no.12.

Vaupel, F.
Mamillaria micromeris Engelm. Zeitschr.
Sukkulent. 1924, p.148-149. illus. Je.30, 1924.
no.12.

Weingart, W.
Bau und funktion von kakteenstacheln. Zeitschr.
Sukkulent. 1924, p.155-160. Je.30, 1924. no.12.

Exper. Stat. Publ.

California. Agricultural experiment station.
[Report on] plant nutrition. Rep.Coll.Agr.
& Agr. Exp. Stat. Univ.California. 1922/1923. p.166-
178. 1923. (Rec'd. Jl., 1924)

California. Agricultural experiment station.
[Report on] plant pathology. Rep.Coll.Agr.
& Agr. Exp. Stat. Univ. California. 1922/1923.
p.179-187. illus. 1923 (Rec'd Jl. 1924.)

Grandall, C.S.
Blooming periods of apples. Illinois Agr.
Exp. Stat. Bull. 251. p.113-145. My. 1924 (Rec'd,
Jl.)

Cook, M.T.
Report of the Department of plant pathology.
1921/22. Ann. Rep. New Jersey Agr. Exp. Stat.
43(1921/22): 539-600. 1923. (Rec'd. Je. 1924).
Indexed from Preprint of Report in List 137.

Shive, J.W.
Report of Dept. of plant physiology 1921/22.
Ann. Rep. New Jersey Agr. Exp. Stat. 43d. (1921/1922)
p. 373-407. illus. 1923. (Rec'd. Je. 1924)

Barnette, R.M.
Notes on the influence upon plant growth of volume
of culture media and on reaction change in two types of
nutrient solutions. Ann. Rep. New Jersey Agr. Exp.
Stat. 43 (1921/22): 394-395. 1923. (Rec'd. Je. 1924)
References: p. 395.
In Rep. Dept. Plant physiology.

Exper. Stat. Publ. (cont.)

Marsh, R.P.

Comparison of iron from some organic compounds as an essential constituent of nutrient media for plants. Ann. Rep. New Jersey Agr. Exp. Stat. 43(1921/22): 399-402. 1923 (Rec'd. Je. 1924)
References: p. 402.
In Rep. Dept. Plant physiology.

Prince, A.L., Jones, L.H. & Shive, J.W.

Notes on differential ion absorption by plants in relation to reaction changes in nutrient solutions. Ann. Rep. New Jersey Agr. Exp. Stat. 43(1921/22): 378-383. 1923(Rec'd Je.1924)
References: p. 383.
In Rep. Dept. Plant physiology.

Schmidt, David.

A study of plant growth in relation to the weight of seed. Ann. Rep. New Jersey Agr. Exp. Stat. 43(1921/22): 388-394. pl.i. 1923 (Rec'd. Je. 1924)
References: p.394.
In Rep. Dept. Plant physiology.

Shive, J.W.

Effect of aeration and continuous solution renewal on the salt requirements for soybeans in water cultures. Ann. Rep. New Jersey Agr. Exp. Stat. 43(1921/22): 374-377. 1923. 1923 (Rec'd. Je. 1924)
References: p.377.
In Rep. Dept. Plant physiology.

Ripperton, J.C.

The Hawaiian tree fern as a commercial source of starch. Hawaii Agr. Exp. Stat. Bull. 53. 16 p. pl.i-vii. Jl. 1924.

Bolley, H.L.

[Report of the department of] biology. Rep. (Experiment station progress) Agr. Exp. Stat. No. Dakota, 1921/23 (Bull.174): 27-35. F. 1924 (Rec'd. Ag.)
Includes notes on plant diseases.

Ballou, F. H. & Lewis, I.P.

Spraying experiments in southeastern Ohio. Results of tests in orchards at Carpenter and Barlow in 1923. Month. Bull. Ohio Agr. Exp. Stat. 9: 35-43. Mr./Ap. 1924 (Rec'd. Ag.) no.3/4.

Ellenwood, C.W.

Some spraying costs of labor and material. Month. Bull. Ohio Agr. Exp. Stat. 9: 57-63. Mr./Ap. 1924 (Rec'd. Ag.) no.3/4.
Orchard experiments.

Thomas, R.C.

A Fusarium disease of celery. Month. Bull. Ohio Agr. Exp. Stat. 9: 88-90. illus. My./Je. 1924 (Rec'd. Ag.) no.5/6.

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is scattered across the page and is mostly illegible due to low contrast and blurriness.

Exper. Stat. Publ. (cont.)

Thomas, R.C.

Stewart's disease or bacterial wilt of sugar
corn. Month. Bull. Ohio Agr. Exp. Stat. 9: 81-
84. My./Je. 1924. (Rec'd. Ag.) no.5/6.

Tilford, P.E.

Diseases of the potato which may be detected in
the seed tubers. Month. Bull. Ohio Agr. Exp. Stat.
9: 85-87. illus. My./Je. 1924 (Rec'd. Ag.) no.5/6.

New Books.

Bernès, J.

Dépérissement et mortalité des arbres fruitiers
dans le Var. Draguignan, 1922.

Dykes, W.R.

A handbook of garden irises. London, M.
Hopkinson & co., 1924.
Iris diseases: p.238-259.

Fiori, Adriano.

Nuova flora analitica d'Italia. v.1, fasc.4.
Firenze, 1924.

Lewin, L.

Die pfeilgifte... Leipzig, J.A. Barth, 1923.

Monnet, P.L.

Explorations botaniques. La Californie et les
grands déserts Américains... Publié par les soins
de Raphaël Monnet... Paris, 1922.
Pt.1 deals with the deserts of the southwest;
pt.2. consists of short papers on various subjects.

Ortloff, H.S.

A garden bluebook of annuals and biennials.
Garden City, 1924.

Pax, F. & Hoffmann, K.

Euphorbiaceae-Crotonoideae-Acalypheae-Acalyphi-
nae [&] Euphorbiaceae-additamentum VII. Das
pflanzenreich heft 85. My. 1924.

Schoenichenm, Walther.

Mikroskopische untersuchungen zur biologie
der samen und fruchte. Freiburg i.Br., T.
Fischer, 1923 (Biologische arbeit h.17)

Schürhoff, P.N.

Die plastiden. Berlin, 1924 (Handbuch der
pflanzenanatomie I. Abt. Cytologie bd. 1.* (lfg.10)

Swingle, W.T. comp.

Chronologic list of the dissertations of Charles
Linnaeus. Washington, D.C., 1923.

Photostat of typewritten copy.

"In preparing the original manuscript of this
list, Miss Alice C. Atwood, reference librarian of the
Bureau of Plant Industry, contributed both ideas and
facts"...

New Books (cont.) 2

Wildeman, E. de.

Plantae Bequaertianae... v.2, fasc.3.
Gand, 1924.

Wright, R.

The practical book of outdoor flowers. Phila.,
Lippincott, 1924.

The enemies of plants: p.50-57.

Translations

available in the Bureau of Plant Industry library.

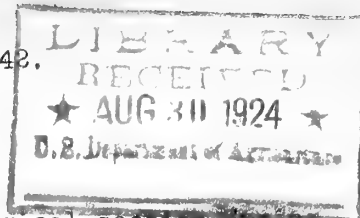
Eriksson, J.

Om uppkomst och spridning af sädesrost ur och genom
utsädeskorn (On the origin and dispersal of cereal rusts
by means of the seed) Meddel. K. Landtbr.-akad.
Experimentalfält no.72. 51 p. 1902.

Fabricius, J.C.

Forsög til en afhandling om planternes sygdomme (A
paper on plant diseases) K. Norske Vidensk. Selsk,
Skrift. 5: 431-492. 1774.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 142.
Ag. 11 - 23, 1924.



Admin. Rep. Dept. Agr. Mysore.
Narasimhan, M. J.

Report of work done in the Mycological section during
1922-23. Admin. Rep. Agr. Dept. Mysore. 1922/23. p.13-
15. 1924.

Agricultura. (Santiago de las Vegas)
Calvino, Mario.

Doce puntos relacionados con el mosaico de la caña
y el modo de combatirlo. Agricultura (Santiago de las
Vegas) v.1, no.3. p.5-6. D.1923.

Agr. Bull. Bermuda.

Ogilvie, L.

Extracts from plant pathologist's report on inter-
colonial conference at Jamaica. Agr. Bull. Bermuda
Dept. Agr. v.3, no.4, p.5-8. Ap. 1924.

Ogilvie, L.

General methods for the prevention and control of
plant diseases and pests. Agr. Bull. Bermuda. Dept.
Agr. v.4, no.7. p.3-5. Jl.1924.

Ogilvie, L.

Notes on the diseases of celery found in Bermuda
Agr. Bull. Bermuda Dept. Agr. v.3, no.6. p.5-7. Je.
1924.

Amer. Journ. Bot.

Brink, R. A.

The physiology of pollen IV. Chemotropism: effects on
growth of grouping grains; formation and function of callose
plugs; summary and conclusions. Amer. Journ. Bot. 11:
417-436. illus. Jl.1924. no.7.
Literature cited: p. 433.

Brink, R. A. & MacGillivray, J.H.

Segregation for the waxy character in maize pollen
and differential development of the male gametophyte. Amer.
Journ. Bot. 11: 465-469. Jl.1924. no.7.

Demerec, M.

A case of pollen dimorphism in maize. Amer. Journ.
Bot. 11: 461-464. illus. Jl.1924. no.7.
Literature cited: p.463-464.

Ocfemia, G.O.

The relation of soil temperature to germination of
certain Philippine upland and lowland varieties of rice
and infection by the Helminthosporium disease. Amer.
Journ. Bot. 11: 437-460. pl. xxix-xxxii. Jl. 1924.
no.7.

Literature cited: p. 459.

Reed, G.M.

Physiologic races of oat smuts. Amer. Journ.
Bot. 11: 483-492. illus. Jl.1924. no.7
Literature cited: p.492.

Ridberg, P.A.

Genera of North American Fabacæae II. Tribe Galegeae
(cont.) Amer. Journ. Bot. 11: 470-482. pl. xxxiii-
xxxvi. Jl.1924. no.7.

Amer. Journ. Pharm.

Griffith, I.

A half century of research in plant chemistry. A
chronological record of the scientific contributions
of Frederick Belding Power. Amer. Journ. Pharm.
96: 601-614. port. Ag. 1924. no.8.

Amer. Journ. Sci.

Berry, E.W.

An oligocene cashew nut from South America. Amer.
Journ. Sci. V,8: 123-126. Ag. 1924. no.44.

Chaney, R.W.

Quantitative studies of the Bridge Creek flora.
Amer. Journ. Sci. V,8: 127-144. pl. v-vi. Ag. 1924.
no.44.

Angew. Bot.

Appel, Otto.

Fusarium als erreger von keimlingskrankheiten.
Angew. Bot. 6: 48-50. My./Je. 1924. no.2.

Behn, H.

Beiträge zur kenntnis der wirkung von reizstof-
fen auf das pflanzenwachstum. Angew. Bot. 6: 201-
224. My./Je. 1924. no.2.
Schriftenverzeichnis: p.224.

Bremer, H.

Das auftreten der schorfkrankheit am apfelbaum
(Fusicladium dendriticum (Wallr.) Fuck.) in seinen
beziehungen zum wetter. Eine variationsstatistische
auswertung zehnjähriger beobachtungen von R. Aderhold
und R. Ewert. Angew. Bot. 6: 77-97. My./Je.
1924. no.2.

Esdorn, I.

Die chemotherapeutische prüfung der beizmittel
kalimat und fungolit. Angew. Bot. 6: 105-112.
My./Je. 1924. no.2.

Ewert, R.

Rauchkranke böden. Angew. Bot. 6: 97-
104. My./Je. 1924. no.2

Fischer, G. J.

Steinbrandbekämpfung in Uruguay. Angew. Bot.
6: 125-140. My./Je. 1924. no.2.

Gassner, G.

Ueber die bewertung von beizmitteln. Angew.
Bot. 6: 1-16. Ja./F. 1924. (Rec'd Ag.) no.1.

Höstermann, G.

Eine Botrytis-erkrankung an tulpenblüten.
Angew. Bot. 6: 39-40. Ja./F. 1924. (Rec'd Ag.)
no.1.

Species undetermined.

Höstermann, G.

Zur frage der zenienbildung bei gärtnerischen
kulturpflanzen. Angew. Bot. 6: 232-242. illus.
My./Je. 1924. no.2.

Lang, W.

Zur kenntnis der saatbeizmittel. Angew. Bot.
6: 335-336. My./Je. 1924. no.2.

Angew. Bot. (cont.)

Pape, H.

Ueber eine blatterkrankung bei *Primula obconica*
Hance. Angew. Bot. 6: 255-275. illus., pl. vi-
vii. My./Je. 1924. no.2.
Not due to animal or plant parasites.

Quanjer, H. M.

Pflanzenpathologie auf anatomisch-physiologischer
grundlage. Angew. Bot. 6: 225-232. My./Je. 1924.
no.2.
Literatur: p.231-232.

Schlumberger, O.

Ueber temperatursteigerungen bei lagernden kar-
toffeln. Angew. Bot. 6: 243-254. My./Je. 1924.
no.2.

Seeliger, R.

Topophysis und zytophysis pflanzlicher organe
und ihre bedeutung für die pflanzenkultur. Angew.
Bot. 6: 191-200. My./Je. 1924. no.2.

Snell, K.

Die konservierung von kartoffelknellen für
schauzwecke. Angew. Bot. 6: 54-56. My./Je.
1924. no.2.

Vogt, E.

Untersuchungen über den schwefel. Angew. Bot.
6: 276-300. My./Je. 1924. no.2.
Literaturnachweis: p.299-300.

Werth, E.

Zum verständnis des bestäubungsmechanismus der
kartoffelblüte. Angew. Bot. 6: 141-151. pl.v.
My./Je. 1924. no.2.

Westerdijk, J.

Der universitätsunterricht in der pflanzenpatho-
logie. Angew. Bot. 6: 41-48. My./Je. 1924. no.2.

Wollenweber, H.W.

Pyrenomyceten-studien. Angew. Bot. 6: 300-
313. pl.viii. My./Je.1924. no.2.

Zade, A.

Neuere untersuchungen über die lebensweise und
bekämpfung des haferflugbrandes (*Ustilago avenae* (Pers.)
Jens.) Angew. Bot. 6: 113-125. My./Je. 1924 no.2.

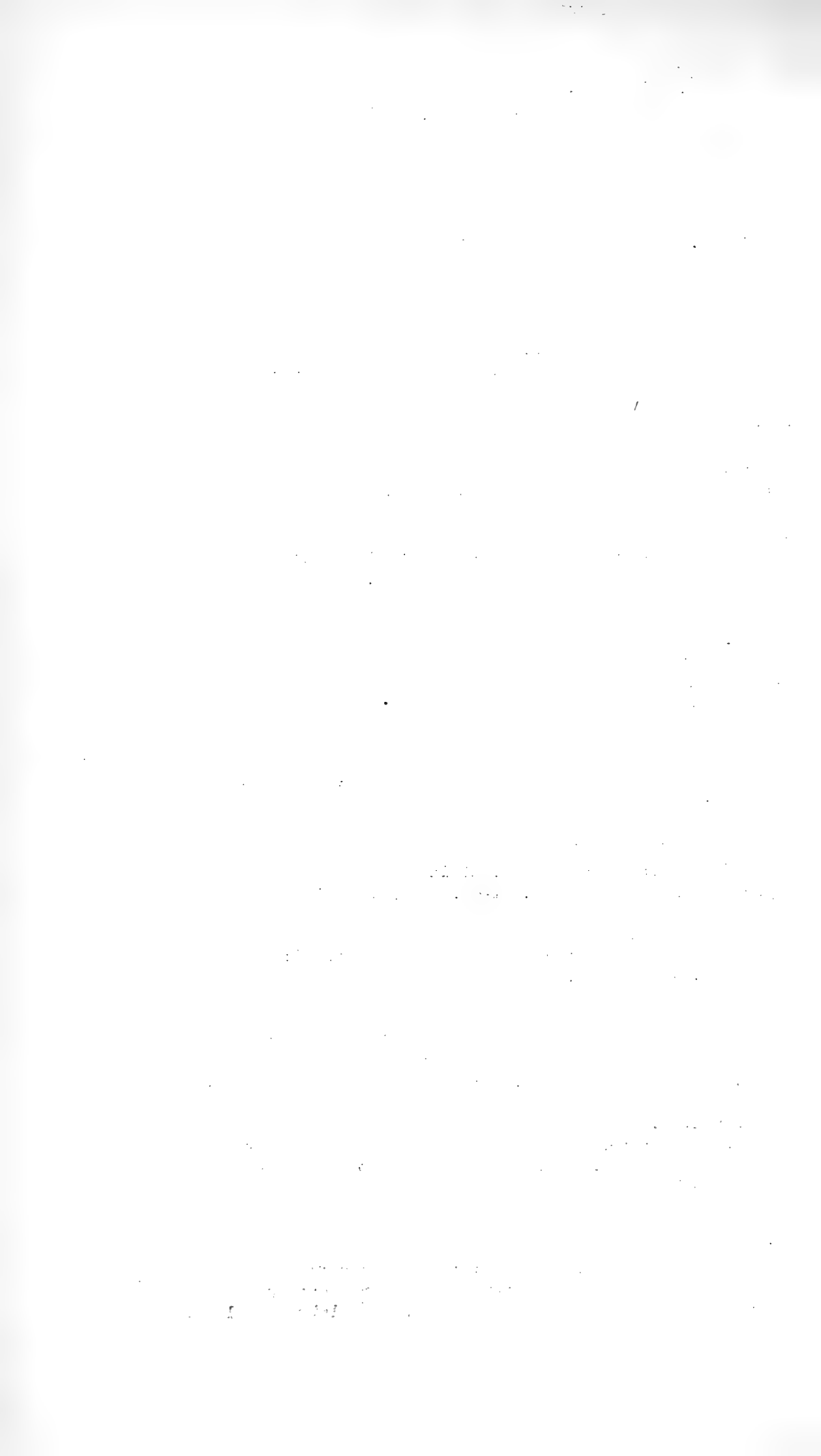
Zimmermann, H.

Phytopaththoraknollenfäule der pflanzkartoffeln
(anbauversuch) Angew. Bot. 6: 51-53. My./Je.
1924. no.2.

Ann. Sci. Agron.

Marchal, P.

Travaux effectues dans les stations d'entomologie et
de pathologie végétale de l'Institut des recherches
agronomiques en 1923. Ann. Sci. Agr. 41: 167-194. 1924.



Ann. R. Bot. Gard. Peradeniya.

Gadd, C. H.

Phytophthora faberi Maubl. Ann. Roy. Bot. Gard.
Peradeniya. 9: 47-89. pl. x. Je. 1924. no.1.

Livera, E. J.

Notes on some Ceylon Dipterocarpeae. Ann. Roy.
Bot. Gard. Peradeniya. 9: 91-100. pl. xi. Je.
1924. no.1.

Literature cited: p.99-100.

Petch, T.

Gregarious flowering. Ann. Roy. Bot. Gard.
Peradeniya. 9: 101-117. Je. 1924. no. 1.

References: p. 117.

Petch, T.

Thread blights. Ann. Roy. Bot. Gard. Pera-
deniya. 9: 1-45. pl. i-ix. Je. 1924. no.1.

References: p.42-43.

Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Devel. Soc.

Bewley, W. F.

Mycological investigations. Ann. Rep. Exp. & Res.
Stat. Nursery & Mark. Gard. Industr. Devel. Soc. 9: 66-
69. 1924.

A root disease of the tomato due to Colletotrichum tabi-
ficum. Mosaic disease of the tomato.

Atti Ist. Bot. Univ. Pavia.

Arnaudi, C.

Le malattie delle patate in Italia. Atti Ist.
Bot. Univ. Pavia. III,1: 71-75. 1924.

Pubblicazioni ed erbari consultati: p.75.

Barbaini, M.

Sopra la struttura del picciolo e del lembo fogliare
dei pioppi in relazione con le proprietà fisiche dei loro
legni. Atti Ist. Bot. Univ. Pavia. III,1: 99-106.
pl. vi. 1924.

Calvino, E. M.

Contributo alla lichenologia del Forlivese.
Atti Ist. Bot. Univ. Pavia. III,1: 13-34. 1924.

Ciferri, R.

Seconda contribuzione allo studio degli Ustila-
ginales (n.23-47). Atti Ist. Bot. Univ. Pavia. III,
1: 77-97. 1924.

Maffei, L.

Contributo allo studio della flora fossile del
deposito lacustre di Pianico. Atti Ist. Bot. Univ.
Pavia. III,1: 47-69. pl. iii-v. 1924.

Opere consultate: p.66-67.

Montemartini, L.

Le cuscute nei medicinali della valle Padana. Atti
Ist. Bot. Univ. Pavia. III,1: xlix-lxiii. 1924.

Bibliografia: p. lxi.

Montemartini, L.

Su l'azione specifica di alcuni eccitanti sopra le
foglie. Atti Ist. Bot. Univ. Pavia. III, 1: 1-12.
1924.

Atti Ist. Bot. Univ. Pavia. (cont.)

Montemartini, L.

Sopra la forza osmotica delle radici e la partecipazione delle cellule vive del legno al fenomeno della salita dell'acqua nelle piante. Atti Ist. Bot. Univ. Pavia. III,1: 35-45. pl. i-ii. 1924.
Bibliografia; p. 43-45.

Pavia. Università - Istituto botanico.

Rassegna crittogamica per l'anno 1921-1923. Relazione del Luigi Montemartini. Atti Ist. Bot. Univ. Pavia. III,1: ix-xlvi. 1924.

Turconi, M.

Una moria di giovani piante di eucalipti. Atti Ist. Bot. Univ. Pavia. III,1: 125-135. pl. viii. 1924.

Bibliografia: p.133-134.

Physalospora eucalyptorum, Macrophoma eucalyptorum, Gloeosporium eucalyptorum n.sp.

Austral. Sugar Journ.

Cottrell Dormer, W.

Cane diseases in Lower Burdekin areas. Austral. Sugar Journ. 16: 231, 233, 234. Jl. 1924. no.4.

Better Crops.

Hansen, A. A.

Jimson poisoning. Better Crops. v.2, no.2. p. 28-29. illus. Ag. 1924.
Poisonous to both man and animals.

Biochem. Zeitschr.

Eisler, M. & Fortheim, L.

Ueber insulinartige stoffe aus bohnen und deren wirkung auf dem kohlehydratstoffwechsel. Biochem. Zeitschr. 148: 566-572. Je.24, 1924. no.5/6.

Metzner, P.

Zur kenntnis der photodynamischen erscheinung III. Mitteilung. Ueber die bindung der wirksamen farbstoffe in der zelle. Biochem. Zeitschr. 148: 498-523. Je.24, 1924. no.5/6.

Literatur: p.522-523.

Mevius, W.

Zur chemonastie von Drosera rotundifolia. I. Biochem. Zeitschr. 148: 548-565. Je.24, 1924. no.5/6.

Literatur: p.565.

Oparin, A. & Bach, A.

Ueber die bedeutung des sauerstoffs für die fermentbildung in keimenden pflanzensamen. Biochem. Zeitschr. 148: 476-481. Je.24, 1924. no.5/6.

Biol. Zentralbl.

Lehmann, E.

Ueber sterilitätserscheinungen bei reziprok verschiedenen Epilobiumbastarden. Biol. Zentralbl. 44: 243-254. illus. Je. 1924. no.5.

- Bol. R. Soc. Españ. Hist. Nat.
González, Fragoso, Romualdo.
Peronosporáceos conocidos actualmente en la
flora ibérica. Bol. R. Soc. Españ. Hist. Nat.
24: 305-312. illus. Je. 1924. no.6.
Bibliografía: p.312.
- Broteria. Ser.Bot.
Pau, C.
El herbario de Planellas (cont.) Broteria.
Ser.Bot. 22: 49-82. pl. 1. Jl. 1924. no.2.
- Tavares, J. da S.
O herbário do colégio de S. Fiel. Broteria.
Ser.Bot. 22: 82-87. Jl. 1924. no.2.
- Fujiula, J.
Datos citologicos sobre el meristemo radical de
Vicia faba L. y las profase de células ontogénicas.
Broteria. Ser.Bot. 22: 90-96. pl. ii. Jl. 1924.
no.2.
- Canad. Hort.
Berkeley, G. H.
Raspberry mosaic and leaf curl. Canad. Hort.
47: 183. Ag. 1924. no.8.
- Compt. Rend. Acad. Sci. Paris.
Colin, H. & Grandsire, A.
Feuilles vertes et feuilles chlorotiques; les
matières ternaires. Compt. Rend. Acad. Sci.
Paris. 179: 288-291. Jl. 1924. no.4.
- Country Life.
Taylor, G. C.
The charm of echiums. Country Life. 56:
173-174. illus. Ag.2, 1924. no.1439.
- Facts about Sugar.
Rensch, B.
Control of sugar beet nematode. New method suc-
cessfully used in German experiments utilizes attrac-
tive effect of certain plant secretions.
Facts about Sugar. 19: 132-133. Ag.9, 1924.
Trans. by W.K. Winterhalter from Deutsche Zuck-
erind. v. 49.
- Flor. Exch.
Doran, W.
Snapdragon rust and its control. Flor. Exch.
58: 483-484. Ag.16, 1924. no. 7.
- Garden.
Bean, W.J.
Ceanothuses. Garden. 88: 543-544. illus.
Ag.9, 1924. no.2751.
- Hort. Sir A.
Some recent developments of the bearded iris.
(cont.) Garden. 88: 529-530, 550. Ag.2, 9, 1924.
no.2750-1.

Garden, (cont.)

Small, J.

Botanical wizardry: or plant propagation at
Edinburgh. Garden. 83: 535-536. illus.
Ag.2, 1924. no.2750.

Gard. Chron.

Imperial botanical conference (cont.) Gard.
Chron. III,76: 77, 100. Ag.2,9, 1924. no.1962-3.

Ragionieri, A.

Rosa banksiae hyb. di Castello. Gard. Chron.
III,76: 73. illus. Ag.2, 1924. no.1962.

Jackson, A. B.

The sassafras tree at Cannizaro. Gard. Chron.
III, 76: 96-97. illus. Ag.9, 1924. no.1963.

Ward, F. K.

Mr. F. Kingdon Ward's eighth expedition in Asia.
IV. First days in Tibet. Gard. Chron. III, 76:
97-98. Ag.9, 1924. no.1963.

Westerdijk, J.

Relation between horticulture and plant pathology.
Gard. Chron. Gard. Chron. III,76: 89. Ag.9, 1924.
no.1963.

Abstract of her address before Intern. Hort. Con-
gress held in Amsterdam in 1923.

Gartn.-Tid.

D., A. M.

Reversion. Gartn.-Tid. 40: 354-355. illus.
Jl.29, 1924. no.31.

Intern. Rev. Sci. & Pract. Agr.

Dorph-Petersen K.

How long do the various seed species retain their
germination power? Intern. Rev. Sci. & Pract. Agr.
II,2: 283-301. 1924.

Investigations made at the Danish state seed
testing station in 1891-1903-1920.

Guimaraes, J. S.

The sugarcane in Brazil and especially in the
state of Bahia. Historical notes, variety trials.
Intern. Rev. Sci. & Pract. Agr. II,2: 302-307.
1924.

Bibliography: p.307.

Journ. Amer. Soc. Agron.

Dugan, G. H.

Some factors affecting the water absorption and
germination of seed corn. Journ. Amer. Soc. Agron.
16: 473-481. Ag. 1924. no.8.

Literature cited: p.481.

Stewart, G. & Pittman, D.W.

Studies in the eradication of wild morning-glory.
Journ. Amer. Soc. Agron. 16: 506-518. Ag. 1924.
no.8.

Literature cited: p.518.

Journ. Amer. Soc. Agron. (cont.)

Wentz, J. B. & Stewart, R.T.

Hybrid vigor in soybeans. Journ. Amer. Soc.
Agron. 16: 534-540. Ag. 1924. no. 8.

Journ. Bot.

Nomenclature. Journ. Bot. 62: 243-244. Ag.
1924. no.740.

Resolutions adopted by the Imperial botanical
conference.

Rendle, A. B.

Dr. H. O. Forbes's Malayan plants. Journ.
Bot. 62, suppl. p.17-32. Ag. 1924. no.740.

Sprague, T. A.

The botanical name of the water-cress. Journ.
Bot. 62: 225-228. Ag. 1924. no.740.

Sprague, T. A.

Combinations based on nomina nuda. Journ. Bot.
62: 245. Ag. 1924. no.740.

Sprague, T.A.

Nomenclature under International rules and
American code. Journ. Bot. 62: 245-246. Ag.
1924. no.740.

Turrill, W.V.

Notes on the flora of the Varna district, eastern
Bulgaria. Journ. Bot. 62: 238-241. Ag. 1924.
no.740.

Journ. N.Y. Bot. Gard.

Crocker, W.

Ethylene, or the gas that puts plants and animals
to sleep Journ. N.Y. Bot. Gard. 25: 219-223.
Ag. 1924. no.296.

Rusby, H.H.

Tropical American plants at home. II. The Fuchsias.
Journ. N.Y. Bot. Gard. 25: 213-219. Ag. 1924. no.296.

Journ. Soc. Agr. & For. Sapporo, Japan.

Hiura, M.

On the dead-arm disease of grape vine in the vicinity
of Sapporo. Journ. Soc. Agr. & For. Sapporo. 15:
417 (i.e.435)-450. illus. Je.1924.
Japanese with English resumé: p.(449-450)
Literature cited: p.450.

Malayan Agr. Journ.

Thompson, A.

A preliminary note on a new bark disease of Hevea.
Malayan Agr. Journ. 12: 163-164. Je./Jl. 1924. no.6/7.
Fungus (unnamed) which has been observed to grow
superficially on young bark, becomes parasitic.

Meded. Deli Proefst. Medan, Sumatra.

Palm, B.T.

De stand van het slijmziekte-vraagstuk in de
Deli-tabak. Meded. Deli Proefst. Medan. II, 32/36:
1-20. 1924.



Meded. Deli Proefst. Medan. Sumatra. (cont.)

- Palm, B. T. & Fulmek, L.
Ziekten en plagen van Mimosa invisa. Meded.
Deli Proefst. Medan. II, 52/56: 27-36. 1924.
Sclerotium-ziekte -- wortelaaltje.

Month. Bull. Dept. Agr. Calif.

- California. Dept. of agriculture -- Bureau of
plant quarantine and pest control.
[Report] In 4th Rep. Calif. Dept. Agr.
Month. Bull. Calif. Dept. Agr. 12: 333-370.
1924. no. 7/12.
Plant diseases [D.G. Milbrath]: p. 364-365

Mertz, W.M.

- Windburning of citrus trees. Month. Bull.
Dept. Agr. Calif. 13: 46-53. Je. 1924. no. 1/6.
In Proc. 56th Conv. Fruit Grow. & Farm. Santa
Ana, Dec. 1923.

Strong, L.A.

- Recent plant quarantine development, federal and
state. Month. Bull. Dept. Agr. Calif. 13: 54-57.
Je. 1924. no. 1/6.
In Proc. 56th Conv. Fruit Grow. & Farm. Santa Ana,
Dec. 1923.

Mycologia.

- Dearness, J.
Gyromitra poisoning. Mycologia. 16: 199.
Jl. 1924 (Rec'd Ag.) no. 4.
G. esculenta.

Dearness, J.

- New and noteworthy fungi. III. Mycologia.
16: 143-176. Jl. 1924. no. 4.

Murrill, W. A.

- Dr. Carlos Spegazzini. Mycologia. 16: 200-
201. Jl. 1924. (Rec'd Ag.) no. 4.
Account of a visit of Prof. Murrill to Dr. Spe-
gazzini.

Ryan, R. W.

- The Microthyriaceae of Porto Rico. Mycologia.
16: 177-196. Jl. 1924 (Rec'd Ag.) no. 4.

Tehon, L. R.

- Notes on the parasitic fungi of Illinois.
Mycologia. 16: 135-142. pl. 13. Jl. 1924
(Rec'd Ag.) no. 4.

Nature.

Blackman, V. H.

- Physiological aspects of parasitism. Nature.
114(Suppl.): 231-232. Ag. 9, 1924. no. 2858.
Abstract of his address before Sect. K (Botany)
of British Assoc.

- Edinburgh conference on the vegetative propagation
of plants. Nature. 114: 170. Ag. 2, 1924. no. 2857.

Nature. (cont.)

The Imperial mycological conference. Nature.
114: 207-208. Ag.9, 1924. no.2858.
Held July 2d at Imperial college of science,
South Kensington.

Nature Mag.

Brownell, L. W.
Mushrooms, edible and otherwise. Nature Mag.
4: 143-149. illus. S. 1924. no.3.

Brownell, L. W.
The red maple, a popular tree (*Acer rubrum*).
Nature Mag. 4: 173-175. illus. S. 1924.
no.3.

Hansen, A. A.
The lady's slipper, or moccasin-flower. Nature
Mag. 4: 168-170. illus. S. 1924. no.3.

New Phytol.

Griffiths, B. M.
A note on the periodicity of leaf-form in *Taraxacum officinale*. New Phytol. 23: 153-156. illus.
Jl. 1924. no.3.

Heimans, J.
Poytrichum piliferum Schreb., mut. *psilocorys*.
New Phytol. 23: 150-153. illus., pl. ii. Jl.
1924. no.3.

Luthra, J. C.
Some experiments on the effects of dry and moist
air on the rate of respiration and breakdown of ripe
pears. New Phytol. 23: 131-142. Jl. 1924.
no. 3.

McCrea, R. H.
Abnormal flower of the honeysuckle. (*Lonicera
periclymenum* L.) New Phytol. 23: 159-160.
illus. Jl. 1924. no.3.

Philips, R. W.
The ceramidium of *Polysiphonia*. New Phytol.
23: 142-149. illus. Jl. 1924. no.3.
Literature cited: p.149.

Summers, F.
The factors governing bud formation: a chapter of
plant physiology. (concl.) New Phytol. 23: 113-
131. Jl. 1924.
VIII. The resting period of buds. IX. Further ex-
periments on the ringing of woody shoots. X. Summary
and conclusions.

Tupper-Carey, R.M. & Priestley, J.H.
The cell wall in the radicle of *Vicia faba* and
the shape of the meristematic cells. New Phytol.
23: 156-159. illus. Jl. 1924. no.3.

Nord. Jordbrugsforsk.

Ferdinandson, C.

Kampen mod Berberis i Danmark og dens resultater,
Nordisk Jordbrugsforsk. 1924. p.221-235. no.2/3.

Ohio Journ. Sci.

Guhman, H.

Variations in the root system of the common
everlasting (*Gnaphalium polycephalum*) Ohio
Journ. Sci. 24: 199-207. pl. Jl. 1924 (Rec'd
Ag.) no.4.

Literature cited: p.207.

Stover, E. L.

The vascular anatomy of *Calamovilfa longifolia*.
Ohio Journ. Sci. 24: 169-178. pl. i. Jl. 1924.
(rec'd Ag.) no.4.

References: p.177.

Tiffany, L. H.

Some new forms of *Spirogyra* and *Oedogonium*.
Ohio Journ. Sci. 24: 180-187. iii pl. Jl. 1924,
(Rec'd Ag.) no.4.

S. echinata, *O. latiusculum*, *O. infimum*, *O.*
exspirale, *O. supremum*, n.sp.

Orchid Rev.

Clement, Edward

Germination of *Odontoglossum* and other seed with-
out fungal aid. Orchid Rev. 32: 233-238. il-
lus. Ag. 1924. no.374.

Ames, O.

Observations of an orchid collector in the
tropics. Orchid Rev. 32: 231-232. Ag. 1924.
no.374.

Extracted from paper read before Amer. Orchid
Soc., May 1924.

Pharm. Journ.

Adan, J. W.

Highways and byways in pharmaceutical literature:
old herbals and their value. Pharm. Journ. 113:
195-197. Ag. 9, 1924. no.3173.
The Grete Herball, 1516.

Philipp, Agr.

Panganiban, F. C.

The effects of etherization on germination of
tropical seeds. Philipp. Agr. 13: 93-98.
Jl. 1924. no.2.

Bibliography: p. 98.

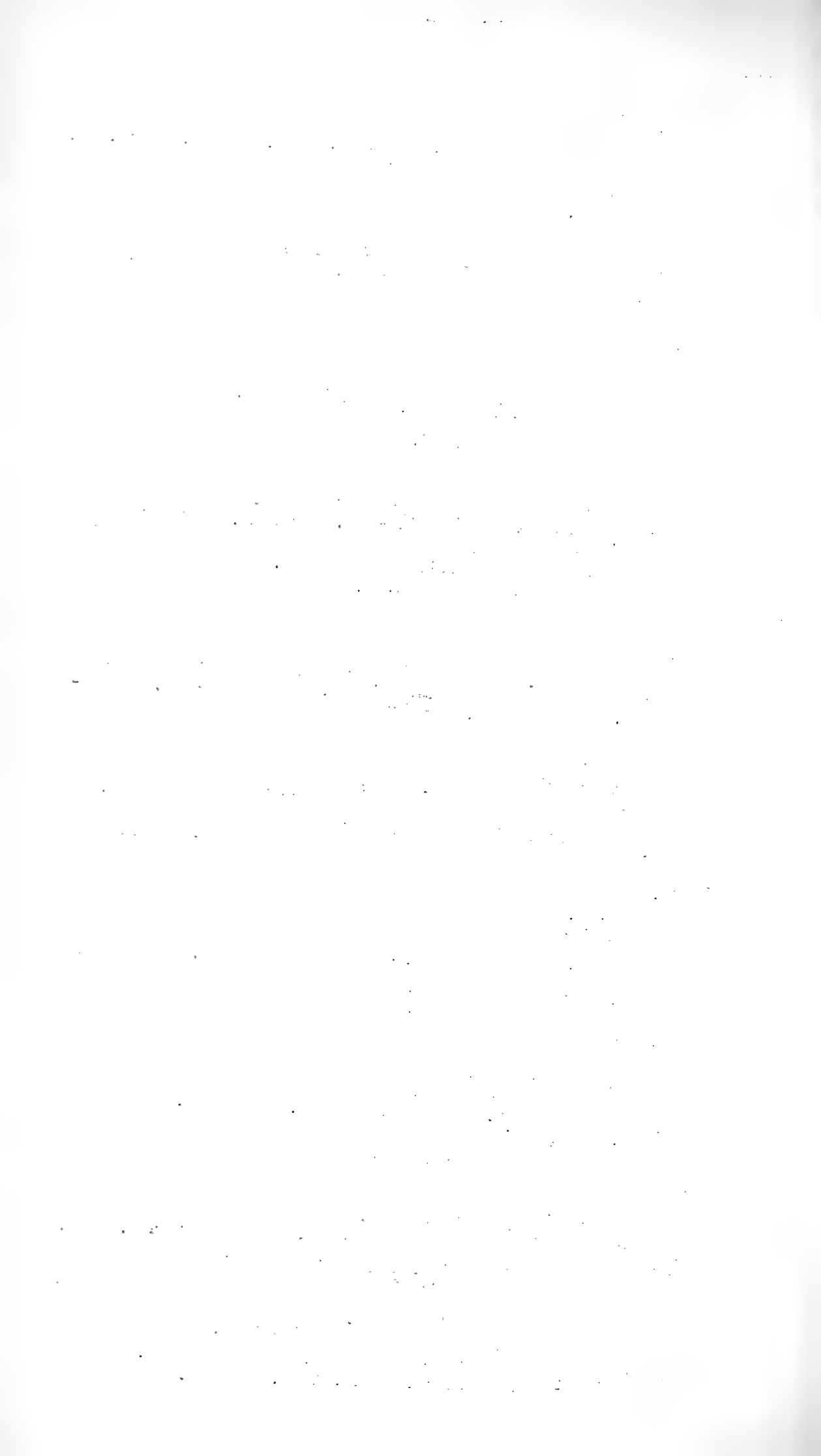
Phytopath.

Barker, H. D. & Hayes, H.K.

Rust resistance in timothy. Phytopath. 14:
363-371. illus. Ag. 1924. no. 8.
Literature cited: p.370-371.

Freeman, E.M. & Melander, L.W.

Simultaneous surveys for stem rust: a method
of locating sources of inoculum. Phytopath.
14: 359-362. illus. Ag. 1924. no.8.



Phytopath. (cont.)

Hungerford, C.W. & Dana, B.F.

Witches' broom of potatoes in the northwest.
Phytopath. 14: 372-383. illus., pl. xxv.
Ag. 1924. no. 8.

Literature cited: p. 383.
Cause not yet found.

Leukel, L.W.

Equipment and methods for studying the relation
of soil temperature to diseases in plants. Phy-
topath. 14: 384-397. illus. Ag. 1924. no. 8.

Pack, D. A.

Permanent spirals for tags. Phytopath. 14:
398-400. illus. Ag. 1924. no. 8.

Welles, C. G.

Studies on a leaf spot of Phaseolus aureus new
to the Philippine Islands. Phytopath. 14: 351-358.
illus. pl. xxiv. Ag. 1924. no. 8.

Literature cited: p.358.

Proc. California Acad. Sci.

Johnston, I. M.

Expedition of California academy of sciences to
the Gulf of California in 1921. The botany (the vas-
cular plants) Proc. Calif. Acad. Sci. IV,
12: 951-1218. map. My.31, 1924 (Rec'd Ag.) no.30.

Setchell, W.A. & Gardner, N.L.

New marine algae from the Gulf of California (Ex-
pedition of the California academy to the Gulf of
California in 1921) Proc. Calif. Acad. Sci. IV,
12: 695-949. pl.12-88. map. My. 13, 1924 (Rec'd
Ag.) no.29.

Proc. Roy. Soc. Ser.B.

Currey, G. S.

The colouring matter of the blue pansy. Proc. Roy.
Soc. Ser. B, 96: 374-382. Ag. 1924. no. B 678.

Snow, R.

Conduction of excitation in stem and leaf of
Mimosa pudica. Proc. Roy. Soc. Ser. B, 96: 349-
374. Ag. 1924. no. B 678.

References: p.373-374.

Reference book Sugar Ind. (Louisiana Plant.)

Brandes, E. W.

Important sugar cane disease not present in
the United States. In the Reference book of
the sugar industry of the world. 2: 79-81. il-
lus. Jl. 1924.

Sereh, Fiji disease, Downy mildew, Gummosis,
Smut.

Edgerton, C.W.

The sugar cane disease situation in Louisiana.
In the Reference book of the sugar industry of the world.
2: 82-83. Jl. 1924.

Root rot, red rot, mosaic.

Rev. Bot. Appl.

Chevalier, A.

Une plante vivrière peu connue: le *Polygala butyracea* Heckel, histoire, dispersion et affinités.
Rev. Bot. Appl. 4: 446-451. Jl. 1924. no. 35.

Chillou, J.

Note sur la culture et l'utilisation du *Polygala* en Guinée française. Rev. Bot. Appl. 4: 451-454. Jl. 1924. no. 35.

Poilane,

Les Cycas d'Indochine. Rev. Bot. Appl. 4: 472-473. Jl. 1924. no. 35.

With preliminary note by Chevallier identifying the Cycas as *C. inermis* of Loureiro (*C. revoluta*)

Guillaumin, A.

A propos des agrumes de l'Indochine. Rev. Bot. Appl. 4: 442-445. Jl. 1924. no. 35.

Rhodora.

Fassett, N. C.

A study of the genus *Zizania*. Rhodora. 26: 153-160. Ag. 1924. no. 308.

Lowe, R. L.

Saxifraga aizoon on Mt. Ktaadn. Rhodora. 26: 168. Ag. 1924. no. 308.

New England botanical club -- Committee on local flora.

Reports on the flora of the Boston district XLIX, Rhodora. 26: 166-168. Ag. 1924. no. 308.

Taylor, W. R.

Further notes on British Columbia algae. Rhodora. 26: 161-166. Ag. 1924. no. 308.

Riv. Biol.

Lo Priore, G.

Uni- e plurinuclearità in piante ed animali.
Riv. Biol. 6: 301-309. illus. My./Je. 1924. no. 3.

Science.

Blackburn, V. H.

Plant diseases unlike those of animals. Science. v. 60, no. 1546. Suppl. p. viii, x. Ag. 15, 1924.
Abstract of his address as president of the botanical section of the British assoc. Adv. Sci.

Water absorption in plants. Science. v. 60, no. 1546. Suppl. p. x, xii. Ag. 15, 1924.

Note on work at laboratory of plant physiology, Johns Hopk. Univ.

Seed World.

Dickson, J. G.

The control of plant diseases carried by seeds.
Seed World. v. 16, no. 4. p. 23-24. Ag. 15, 1924.
Address before the Seedsmen's conference, Madison, Wisc.

Singapore Nat.

Holttum, R. E.

The common ferns of Singapore. Singapore
Nat. 1924, p.66-76. My. 1924. no.4.

Tectona.

Coster, Ch.

Physiologische en pathologische kernhoutvorming
en de in het laatste geval optredende wondgommen bij
den djati, *Tectona granis* L.f. Tectona. 17:
620-628. Je./Jl. 1924.

German résumé (Physiologische und pathologische
kernholzbildung bei teakholz); p.628.

Tidsskr. Planteavl.

Denmark, Statens forsøgsvirksomhed i plantekultur.

Forsøg med afsvampning af vintersæd. Its
Meddel. 103. Tidsskr. Planteavl. 30: 639-
643. 1924. no.4.

I: Hvedens stinkbrand (*Tilletia caries*). II.
Rugens staengelbrand (*Urocystis occulta*).

Denmark, Statens forsøgsvirksomhed i plantekultur.

Kartoffelbrok. Its Meddel. 104. Tidsskr.
Planteavl. 30: 643-646. illus. 1924. no.4.

Gram, Ernst.

Forsøg med bekaempelse af kartoffelskimmel paa
kartofler og tomater 1917-1923. Tidsskr. Planteavl.
30: 597-621. illus. 1924. no.4.

Litteratur: p.619-620.

English summary (Control of late blight (*Phy-
tophthora infestans*) of potatoes and tomatoes: p.
620-621.

Tijdschr. Plantenz.

Bruyn, H. L. G. de.

De oorzaak van het epidemisch optreden van de
phytophthoraziekte van de seringén. Tijdschr.
Plantenziekt. 30: 113-122. pl. i. Jl. 1924. no. 7.
Phytophthora syringae.

Keulen, K. van.

Ramularia lactea, oorzaak van een bladvlekken-
ziekte der violtjes. Tijdschr. Plantenz. 30:
123-124. Jl. 1924. no.7.

U.S. Dept. Agr. Bull.

Oakley, R. A. & Westover, H.L.

Forage crops in relation to the agriculture of the
semi-arid portion of the northern Great Plains.

U.S. Dept. Agr. Bull. 1244. 53 p. illus. Jl. 31,
1924.

Verh. K. Akad. Wetensch. Amsterdam. 2. sect.

Blaauw, A. H.

The results of the temperature during flower-
formation for the whole hyacinth. 1st pt. Verh.

K. Akad. Wetensch. Amsterdam. 2. sect., v.23, no.4.
66 p. illus., pl. 1924.

La Vida Agr.

Gaudron, J.

La disminución de la resistencia del algodón
Tangüis al "cotton wilt" La Vida Agr. 1: 425-
428. Jl. 1924. no. 7.

Townsend, C. H.

Las plagas del algodón. La Vida Agr. 1: 435-
436. Jl. 1924. no. 7.

Exper. Stat. Publ.

Chung, H. L. & Ripperton, J. C.

Edible canna in Hawaii. Hawaii Agr. Exp. Stat.
Bull. 54. 16 p. illus., pl. Jl. 1924.

Johnson, M. O.

Manganese chlorosis of pineapples; its cause
and control. Hawaii Agr. Exp. Stat. Bull. 52.
38 p. iv pl. Jl. 1924.

Literature cited: p. 36-38.

Hayes, H.K., Stakman, E.C., Griffee, F., & Christensen, J.J.

Reaction of barley varieties to *Helminthosporium*
sativum. Minnesota Agr. Exp. Stat. Techn. Bull. 21.
47 p. illus. Jl. 1923 (Rec'd Ag. 1924)

Literature cited: p. 47.

Pt. I. Varietal resistance. Pt. II. Inheritance studies
in a cross between Lion and Manchuria.

Goss, R. W.

Potato Wilt and stem-end rot caused by *Fusarium*
eumartii. Nebraska Agr. Exp. Stat. Res. Bull. 27.
83 p. 9 pl. Je. 1924.

Literature cited: p. 83.

Howard, R.F.

The relation of low temperatures to root injury
of the apple. Nebr. Agr. Ex. Stat. Bull. 199.
32 p. Ap. 1924 (Rec'd Ag.)

Literature cited: p. 32.

Peltier, G.L. & Goss, R.W.

Control equipment for the study of the relation
of environment to disease, Nebraska Agr. Exp.
Stat. Res. Bull. 28 16 p. illus., 3 pl. Je. 1924,
(Rec'd Agr.)

Fiske, J.G.

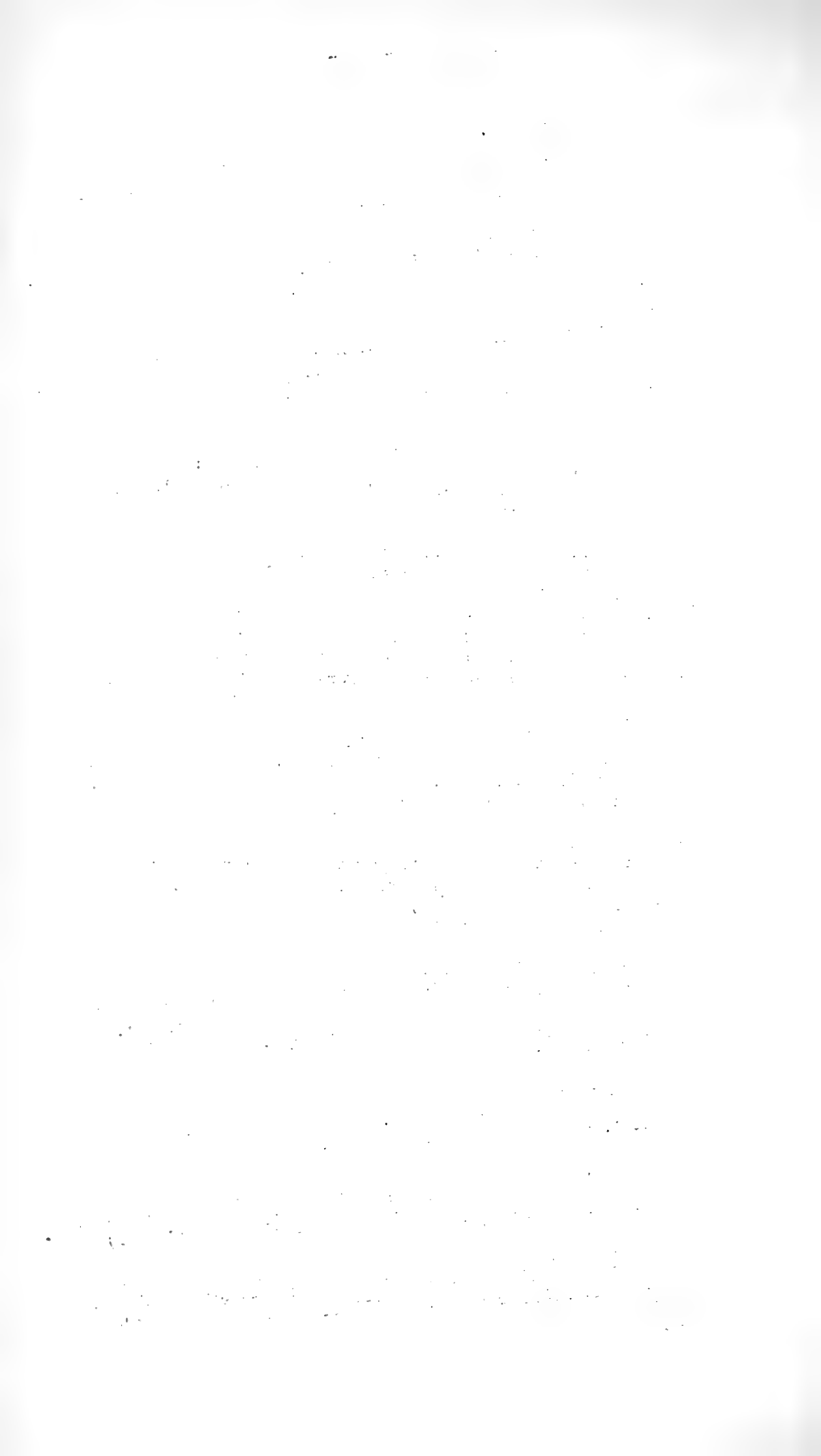
Weeds of New Jersey. New Jersey Agr. Exp.
Stat. Circ. 161. 36 p. illus. Mr. 1924 (Rec'd Ag.)

Rankin, W.H.

Raspberry mosaic and blue stem. New York Agr.
Exp. Stat. Circ. 75. 4 p. Mr. 1924 (Rec'd Ag.)

Weniger, W.

Ergot and its control. North Dakota Agr. Exp.
Stat. Bull. 176. 23 p. illus. Ap. 1924. (Rec'd
Ag.)



Exper. Stat. Publ. (cont.)

- Ohio agricultural experiment station.
Potato disease. Ohio Agr. Exp. Stat. Bull.
374. 30 p. illus. Mr. 1924 (Rec'd Ag.)
By the Station plant pathologists.
- McClelland, T. B.
Coffee varieties in Porto Rico. Porto Rico
Agr. Exp. Stat. Bull. 30. 27 p. xi pl. Je. 1924.
- Tucker, C. M.
Report of the plant pathologist June 1923
Rep. Porto Rico Agr. Exp. Stat. 1923 p. 15-16.
Jl. 1924.

New Books.

- Andrews, L.
Catalogue of the flowering plants and ferns of
Springfield, Massachusetts, growing without cul-
tivation. Bull. Mus. Nat. Hist. Springfield.
3. 221 p. plates. 1924.
- Costy, P.
Urée et urée chez les champignons supérieurs.
Paris, 1923.
- Güssow, H. T.
The division of botany. In Canada. Dept. of
agriculture, The organization, achievements and
present work of the Dominion experimental farms.
Ottawa, 1924, p. 121-130.
- Hottes, A. C.
A little book of climbing plants. N.Y., A.T.
DeLaMare Co., 1924.
- Nakai, T.
Flora sylvatica koreana pars XIII-XIV.
Seoul, 1923.
Pt. 13. Diapensiaceae, Ardisiaceae, Ebenaceae,
Symplocaceae: Halesiaceae.
Pt. 14. Loganiscaeae, Apocynaceae, Cordiaceae,
Pyrenaceae, Labiatae, Solanaceae, Rhinan-
thaceae, Bignoniaceae, Rubiaceae, Compositae.
- Pieters, A. J. & Van Eseltine, G. P.
Korean Lespedeza; a new forage crop. U.S.
Dept. Agr. Dept. Circ. 317. 14 p. illus. Jl. 1924.
- Sampson, A. W.
Native American forage plants. New York, J.
Wiley & Sons, 1924.
- Ward, F. K.
The romance of plant hunting. London, 1924.

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is scattered across the page and does not form any recognizable words or sentences.]

Library, Bureau of Plant Industry.
Current Author Entries, 1924, no. 143
Ag.25 - Sept.6, 1924.



Agr. Gaz. N.S.W.

Birmingham, W. A.

A canker of apple trees. Due to a fungus,
Dothiorella mal, E. & E. Agr. Gaz. N.S.W.
35: 525-527. illus. Jl.1924. no.7.
Literature cited: p.527.

Amer. For. & For. Life.

Bentley, M.

The conflict on the Texas plain, where the age-
old contest between trees and drought rages
silently and relentlessly. Amer. For. & For.
Life. 30: 515-520, 542. illus. S. 1924.
no.369.

Dayton, W. A.

Flowers of the high places. More striking examples
of Alpine flora of our western mountains. Amer.
For. & For. Life. 30: 548-551, 564. illus. S. 1924.
no.369.

Ann. Bot.

Adams, J.

Duration of light and growth. Ann. Bot. 38:
509-523. Jl. 1924. no.151.
Literature cited: p.523.

Bailey, I. W.

The problem of identifying the wood of cretaceous
and later dicotyledons: *Paraphyllanthoxylon arizonense*.
Ann. Bot. 38: 439-451. pl. xv. Jl. 1924. no.151.

Campbell, D. H.

A remarkable development of the sporophyte in
Anthoceros fusiformis, Aust. Ann. Bot. 38: 473-
483. illus. Jl. 1924. no. 151.

Chmielevsky, V. F.

Phototaxis and the pressure of light. Ann. Bot.
38: 597-598. Jl. 1924. no.151.

Denham, H. J.

The cytology of the cotton plant. I-II. Ann.
Bot. 38: 407-432, 433-438. illus., pl. xi-xiv.
Jl. 1924. no.151.

References: p.428-429, 438.

I. Microspore formation in Sea Island cotton.

II. Chromosome numbers of Old and New World
cottons.

Lee, B. & Priestley, J.H.

The plant cuticle. I- Ann. Bot. 38: 525-
545. illus. Jl. 1924. no.151.

References: p.544-545.

I. Its structure, distribution, and function.

Ann. Bot. (cont.)

Phillips, R. W.

On the structure of *Spyridia filamentosa*, (Wulf.)
Harv., and the affinities of the genus. Ann. Bot.
38: 547-561. illus. Jl. 1924. no.151.
Bibliography: p.561.

Pratt, C. A.

The staling of fungal cultures. I- Ann. Bot.
38: 563-595. Jl. 1924. no.151.
Literature cited: p.594-595.
I. General and chemical investigation of staling
by *Fusarium*.

Schonland, S.

On the theory of 'age and area.' Ann. Bot.
38: 453-472. Jl. 1924. no.151.

Seward, A. C.

On a new species of *Tempskya* from Montana:
Tempskya knowltoni, sp.nov. Ann. Bot. 38: 485-
507. illus., pl. xvi-xvii. Jl. 1924. no.151.
Bibliography: p.505-506.

Ann. Sci. Agron.

Rivière, G. & Pichard, G.

La stérilisation partielle du sol. Ann. Sci.
Agron. 41: 251-253. Jl.-Ag. 1924. no.4.

Arch. Pharm.

Zörnig, H.

Die vergleichende pflanzenanatomie im dienste
der untersuchung von arzneidrogen auf verfälschungen.
Arch. Pharm. 262: 137-160. 1924. no. 2.

Atti Soc. Nat. e Mat. Modena.

Figini, G. P.

Osservazioni biometriche su fiori di *Helleborus*
niger L. raccolti nel Comasco a Maggianico e Menaggio.
Atti Soc. Nat. e Mat. Modena. VI, 1-2: 57-76.
1924.

LoPriore, G.

Ascidi tubiformi di trifoglio violetto. Atti
Soc. Nat. e Mat. Modena. VI, 1-2: 147-155. illus.
1924.
Letteratura: p.155.

Bol. Agr. Tecn. & Econ. Spain.

García López, A.

La apoplejia de la vid o enfermedad del "Esca".
Bol. Agr. Técn. y Econ. Spain. 16: 634-651. illus.
col.pl. i-ii. Jl. 1924. no.187.

Bull. Mat.Grass. Inst. Colon. Marseille.

Van Pelt, G.

La culture et l'exploitation moderne du palmier a
huile. Bull. Mat. Grass. Inst. Colon. Marseille.
1924, p.133-167. 1924. no.5.

Bull. Torr. Club.

Bartram, E. B.

Studies in Tortula as represented in southern
Arizona. Bull. Torr. Club. 51: 335-340. pl.
6-7. Ag. 1924. no.8.

Howe, M. A.

Notes on algae of Bermuda and the Bahamas.
Bull. Torr. Club. 51: 351-359. illus. Ag. 1924.
no.8.

Pithophora heterospora, Protoderma(?) polyrhizum,
Chondrocystis bracei, Dichothrix bornetiana, n.sp.

Seifrizz, W.

The gregarious flowering of the talipot palm,
Corypha umbraculifera, at Peradeniya, Ceylon.
Bull. Torr. Club. 51: 341-350. illus., pl.8-9.
Ag. 1924. no.8.
Bibliography: p.350.

La Cellule.

Van Camp, G. M.

Le rôle du nucléole dans la caryocinèse somatique
(Clivia miniata Reg.) La Cellule. 34: 7-49.
pl. i-ii. 1924. no. 1.
Littérature: p. 43-44.

Compt. Rend. Acad. Sci. Paris.

Emberger, L.

Observations cytologiques sur le bulbe de Lilium
candidum L. Compt. Rend. Acad. Sci. Paris.
179: 344-346. Ag. 1924. no.5.

Terroine, E.F., Trautmann, Mlle S., & Bonnet, R.

Le rendement énergétique dans la croissance des
végétaux supérieurs aux dépens des hydrates de
carbone. Compt. Rend. Acad. Sci. Paris. 179:
342-344. Ag. 1924. no. 5.

Compt. Rend. Soc. Biol. Paris.

Gosset, A., Gutmann, A., Lathovsky, G. & Magrou, J.

Essais de thérapeutique du "cancer expérimental
des plantes." Compt. Rend. Soc. Biol. Paris.
91: 626-628. illus. Ag.12, 1924. no.27.

Magrou, J. & Berthelot, A.

Cultures pures de Feltia epiphylla. Compt.
Rend. Soc. Biol. Paris. 91: 629-630. Ag. 12,
1924. no.27.

Country Life.

Red-hot poker. Country Life. 56: 295-297.
illus. Ag. 23, 1924. no.1442.
Kniphofia.

Defensa Agr. Uruguay.

Tratamientos de los árboles de citros atacados
por las heladas. Defensa Agr. Uruguay. 5:
87-93. illus. My.-Je. 1924. no.4-5.

Facts about Sugar.

Cross, W. E.

The problem of sugar cane yields in Louisiana.
II. Head of Tucuman station discusses further his
reasons for attributing low yields to mosaic disease.
Facts about Sugar. 19: 181, 184-185, Ag. 23, 1924.
no. 8.

Floralia.

Schenk, P. J.
Proeven met uspulun. Floralia. 45: 538-
539. Ag.22, 1924. no.34.

Schenk, P. J.
Sclerotiumziekte van de tomaten. Floralia. 45:
526-527. illus. Ag.15, 1924. no.33.
Sclerotinia libertiana.

Flow. Grow.

Robinson, C. H.
More summer flowers of the sand dunes. Flow,
Grow, 11: 351-353. illus. S. 1924. no. 9.

Garden.

Cox, E. H. M.
London's oldest botanic garden. Garden, 88:
516-517. illus. Jl, 26, 1924.
Chelsea physic garden.

Dalrymple, G. H.
The cultivation of freesias. Garden, 88: 570-
572. illus. Ag.16, 1924. no.2752.

Hort, Sir A.
Some recent developments of the bearded iris,
(concl.) Garden. 88: 582. Ag.23, 1924.
no.2753.

Irving, W.
Some of the best of the saxifrages, Garden.
88: 579-581. illus. Ag.23, 1924. no.2753.

Osborn, A.
New and rare Chinese shrubs. Garden. 88:
582-583. illus. Ag.23, 1924. no.2753.
Deutzia longifolia, Dipelta floribunda, Styrax
hemsleyanum.

Wilson, G. L.
Modern trend of Narcissus evolution. Garden.
88: 565-566. illus. Ag.16, 1924. no.2752.

Gard. Chron.

Dicks, S. B.
The leek, Allium porrum, Linn. Gard. Chron.
III, 76: 134-135. Ag.23, 1924. no. 1965.

Druce, G. C.
Epipogon epipogium (L.) Gard. Chron. III,
76: 114. Ag.16, 1924. no. 1964.

Friend, H.
Garden craft in the Canticles IV. Gard. Chron.
III, 76: 130-131. Ag.23, 1924. no.1965.

Imperial botanical conference (cont.) Gard. Chron.
III, 76: 116-117, 133-134. Ag.16, 23, 1924. no.1964-5.

Gard. Chron. (cont.)

Moore, H.K.

The British pteridological society. Gard.
Chron. III, 76: 124. Ag. 23, 1924. no.1965.

Ward, F.K.

Rhododendrons (cont.) Gard. Chron, III,
76: 115, 124-125. Ag.16, 23, 1924. no.1964-5.

Gard. Chron. Amer.

Clute, Williard M.

Plants of acid soils. Gard. Chron. Amer.
28: 214. Ag. 1924. no.8.

Gartenw.

Sander, Otto.

Uspulan zur bekämpfung der schwarzfäule and
kohlpflanzen. Gartenw. 28: 354. illus.
Ag.1, 1924. no.31.

Gartn.-Tid.

Herring, P.

Roserne i engelske haver paa renaessancetiden.
Gartn.-Tid. 40: 369-378. illus. Ag.12, 1924.
no.33.

Gulf Coast Grow.

Day, Leonard E.

Pear blight and methods of control. Gulf
Coast Grow. v.2, no.4. p.4, 11. Ag. 1924.

House and Gard.

Wilson, E. H.

Hawthorns for ornamental planting. House &
Gard. v.46, no.3. p.70-71, 124, 126, 130, 132.
illus. S.1924.

Illus. Landw. Zeit.

Aufhamaer.

Kampf gegen das unkraut (Stoppelschälen) Illus.
Landw. Zeit. 44: 333-334. illus. Ag.1, 1924.
no.31.

Scharnagel.

Pflanzenkrankheits- und schädlingsbekämpfung
durch zucht- und sortenwahl. Illus. Landw.
Zeit. 44: 345-346. Ag.8, 1924. no.32.

Journ. Agr. Res.

Aldous, A.E. & Shantz, H. L.

Types of vegetation in the semiarid portion of
the United States and their economic significance.
Journ. Agr. Res. 28: 99-127. 16 pl. Ap. 12,
1924. (Rec'd. Ag.23) no.2.

Davison, F.R., Brevbaker, H.E., & Thompson, H.A.

Brittle straw and other abnormalities in rye
Journ. Agr. Res. 28: 169-172. illus. Ap.12,
1924. (Rec'd Ag. 23) no.2.

Journ. Biol. Chem.

Anderson, R.J. & Moenbauer, F.P.

A contribution to the chemistry of grape pigments.
II. Concerning the anthocyanins in Clinton grapes.
Journ. Biol. Chem. 61: 97-107. Ag. 1924. no. 1.

Journ. Agr. Res. (cont.)

Braun, H.

A gradient of permeability to iodine in wheat seed coats (A preliminary note) Journ. Agr. Res. 28: 225-226. Ap. 19, 1924 (Rec'd S.) no. 3.

Bryan, M.K.

Bacterial leaf spot of Delphinium. Journ. Agr. Res. 28: 261-270. pl. 1-4. Ap. 19, 1924 (Rec'd S.) no. 3.

Harris, J. A., Gortner, R.A., Hoffman, W.F., Lawrence, J.V., and Valentine, A.T.

The osmotic concentration, specific electrical conductivity, and chlorid content of the tissue fluids of the indicator plants of Tooele Valley, Utah. Journ. Agr. Res. 27: 893-924. Mr. 22, 1924. (Rec'd S.) no. 12.

Literature cited: p. 922-924.

Kearney, T.H. & Scofield, C.S.

The salt content of cotton fiber. Journ. Agr. Res. 28: 293-295. Ap. 19, 1924 (Rec'd S.) no. 3.

Leukel, R.W.

Investigations on the nematode disease of cereals caused by *Tylenchus tritici*. Journ. Agr. Res. 27: 925-956. pl. 1-5. Mr. 22, 1924 (Rec'd S.) no. 12.

Literature cited: p. 954-955.

Manns, T.F. & Phillips, C.E.

Corn rootrot studies. Jour. Agr. Res. 27: 957-964. pl. 1-4. Mr. 22, 1924 (Rec'd S.) no. 12.

Literature cited: p. 964.

Peltier, G.L.

Further studies on the relative susceptibility to citrus canker of different species and hybrids of the genus citrus, including the wild relatives.

Journ. Agr. Res. 28: 227-239. Ap. 19, 1924. (Rec'd S.) no. 3.

Peltier, G.L. & Frederich, W.J.

Relation of environmental factors to citrus scab caused by *Cladosporium citri* Masee. Journ. Agr. Res. 28: 241-254. Ap. 19, 1924 (Rec'd S.)

no. 3.

Literature cited: p. 254.

Reed, H.S. & Haas, A. R. C.

Some relations between the growth and composition of young orange trees and the concentration of the nutrient solution employed. Journ. Agr. Res. 28: 277-284. pl. 1. Ap. 19, 1924 (Rec'd S.) no. 3.

Literature cited: p. 284.

Toole, E. H. & Drummond, P. L.

The germination of cottonseed. Journ. Agr. Res. 28: 285-292. pl. 1-2. Ap. 19, 1924 (Rec'd S.)

no. 3.

Journ. Biol. Chem. (cont. from page 5)

Vickery, H. B.

Some nitrogenous constituents of the juice of the alfalfa plant. II. The basic nitrogen. Journ. Biol. Chem. 61: 117-127. Ag. 1924. no.1. Bibliography: p.127.

Journ. Dept. Agr. So. Australia.

Samuel, G.

Take-all investigations II. Journ. Dept. Agr. So. Australia. 27: 1134-1147. illus. Jl. 1924. no.12.

Journ. Dept. Agr. Victoria.

Brittlebank, C. C.

Tomato diseases. Journ. Dept. Agr. Victoria. 22: 433-434. Jl. 1924. no. 7. "Black dot" root disease. - Verticillium wilt.

Journ. Ecol.

Christy, M.

Primula elatior Jacquin: its distribution in Britain. Supplementary note. Journ. Ecol. 12: 314-316. Jl. 1924. no.2.

Cooper, W. S.

An apparatus for photographic recording of quadrats. Journ. Ecol. 12: 317-321. illus. Jl. 1924. no.2.

Eden, T.

The edaphic factors accompanying the succession after burning on Harpenden Common. Journ. Ecol. 12: 267-286. Jl. 1924. no.2. References: p.286.

Ewing, J.

Plant successions of the brush-prairie in north-western Minnesota. Journ. Ecol. 12: 238-266. illus. Jl. 1924. no.2.

Good, R.D'O. & Day, C.D.

Note on the ecology of Radipole Lake, Weymouth. Journ. Ecol. 12: 322-328. Jl. 1924. no.2.

Seifrizz, W.

The altitudinal distribution of lichens and mosses on Mt. Geden, Java. Journ. Ecol. 12: 307-313. pl. vii. Jl. 1924. no.2.

Summerhayes, V.S., Cole, L.W., & Williams, P. H.

Studies on the ecology of English heaths, I- Journ. Ecol. 12: 287-306. Jl. 1924. no.2. References: p.306.

I. The vegetation of the unfelled portions of Oxshott Heath and Esher Common, Surrey.

Watt, A. S.

On the ecology of British beechwoods with special reference to their regeneration. II. The development and structure of beech communities on the Sussex downs. Journ. Ecol. 12: 145-204. illus. Jl. 1924. no. 2.

Journ.Ecol. (cont.)

Weaver, J. E.

Plant production as a measure of environment,
A study in crop ecology. Journ.Ecol. 12: 205-
237. pl. i-v. Jl. 1924. no.2.
Bibliography: p.237.

Journ. Hered.

Darrow, G. M.

The American cranberry bush. The domestication
of *Viburnum americanum*, a new fruit for the northern
United States. Journ. Hered. 15: 243-253.
illus. Je. 1924 (Ag.) no.6.

Leighty, C. E. & Sando, W. J.

Pistillody in wheat flowers. Journ. Hered.
15: 263-268. illus. Je. 1924(Ag.) no.6.
Literature cited: p.268.

Sutton, E.P.F.

Inheritance of "bolting" in cabbage. "Tendency
to bolt" probably a recessive Mendelian character.
Journ. Hered. 15: 257-260. illus. Je.1924 (Ag.)
no.6.

Wentz, J. B.

Miniature germ. Heritable characters in maize.
XVIII. Journ. Hered. 15: 269-272. illus.
Je. 1924 (Ag.) no.6.

Journ. Indian Bot. Soc.

Ghose, S. L.

A contribution to the morphology of *Agathis ovata*
(Moore) Warb. Journ. Indian Bot. Soc. 4: 79-86.
pl. i-ii. Je. 1924. no.3.
Literature cited: p.85-86.

Ghose, S. L.

The origin and relationships of the araucarineae.
Journ. Indian Bot. Soc. 4: 99-100. Je. 1924.
no.3.
Literature cited: p.89-100.

Sabnis, T. S.

The flora of Sind. (cont.) Journ. Indian
Bot. Soc. 4: 101-115. Je. 1924. no.3.

Tadulingam, C. & Jacob, K. C.

A new species of *Biophytum*. Journ. Indian Bot.
Soc. 4: 87-88. plates. Je. 1924. no.3.
B. longibracteatum.

Journ. Roy. Hort. Soc.

Chittenden, F. J.

Nettle-head of black currants: a review. Journ.
Roy. Hort. Soc. 49: 230-232. Jl. 1924. no.2.

Dowson, W.J.

A new disease of sweet peas. Journ. Roy. Hort.
Soc. 49: 211-221. plates. Jl. 1924. no.2.
Cladosporium album.

Journ. Roy. Hort. Soc. (cont.)

Durham, H. E.

The beauty and use of the vintage pear. Journ.
Roy. Hort. Soc. 49: 157-166. Jl. 1924. no.2.
"List of perry pears": p.152-166.

Jackson, B. D.

Botanical illustration from the invention of
printing to the present day. Journ. Roy. Hort.
Soc. 49: 167-177. Jl. 1924. no.2.

Jackson, B. D.

The history of the compilation of the "Index
Kewensis." Journ. Roy. Hort. Soc. 49: 224-
229. Jl. 1924. no.2.
Bibliography: p.228-229.

Rendle, A. B.

The seventeenth Masters lecture. Journ.
Roy. Hort. Soc. 49: 173-181. Jl. 1924. no.2.
On the relation of plants to their environment
and the development of pitcher-like structures from
the leaf.

Rendle, A. B.

The eighteenth Masters lecture. Journ.
Roy. Hort. Soc. 49: 182-184. Jl. 1924. no.2.
On the adaptation of plants to their environment.

Ward, F. K.

The flora of the upper Irrawaddy. Journ.
Roy. Hort. Soc. 49: 148-156. plates. Jl.
1924. no. 2.

Wilson, G. F.

The eelworm disease of phloxes. Journ.
Roy. Hort. Soc. 49: 205-210. plates. Jl.
1924. no.2.

Journ. Wash. Acad. Sci.

Chase, Mrs. A.

A new species of *Panicum* found in alfalfa seed.
Journ. Wash. Acad. Sci. 14: 343-345. illus.
Ag. 19, 1924. no. 14.
P. hillmani.

Meded. Phytopath. Labor. Willie Comm. Scholt. Amst.

Tengwall, T. A.

Ueber einen bisher unbekanntem fall von
symbiose von algen und pilzen. Meded. Phytopath.
Labor. Willie Comm. Scholt. Amsterdam. 6: 52-57.
illus. Ap. 1924 (Rec'd S.)
Zitierte literatur: p.57.

Tengwall, T. A.

Ueber einige parasitische pilze auf kultivierten
Rhododendron. Meded. Phytopath. Labor. Willie
Comm. Scholt. Amsterdam. 6: 58-61. illus.
Ap. 1924 (Rec'd S.)
Phyllosticta maximi; *Venturia rhododendri*, n.sp.

Meded. Phytopath. Labor. Willie Comm. Scholt. Amst. (cont.)
Tengwall, T. A.

Untersuchungen über rusztaupilze. Meded.
Phytopath. Labor. Willie Comm. Scholt. Amsterdam.
6: 34-51. illus. Ap. 1924. (Rec'd S.)

Westerdijk, J. & Luijk, A. van.

Die Gloeosporium der eiche und der platane
II. Meded. Phytopath. Labor. Willie Comm.
Scholt. Amsterdam. 6: 30-33. Ap. 1924 (Rec'd
S.)

Westerdijk, J. & Luijk, A. van.

Untersuchungen über Nectria coccinea (Pers.)
Fr. und Nectria galligena Bres. Meded. Phyto-
path. Labor. Willie Comm. Scholt. Amsterdam. 6:
3-30. illus. Ag. 1924 (Rec'd S.)
Literaturverzeichnis: p.29-30.

Nachrichtenbl. Deut. Pflanzenschutzd.

Trappmann, W.

Bodendesinfektionsversuche mit neutralölen als
beitrag zur Koloradokäferbekämpfung. Nachrich-
tenbl. Deut. Pflanzenschutzd. 4: 56. Ag. 1, 1924.
no.8.

Nature.

Brooks, F. T.

Imperial botanical conference. Nature.
114: 293-294. Ag.23, 1924. no.2860.

Naturwissenschaften.

Stocker, O.

Oekologisch-pflanzengeographische untersuchungen
an heide-, moor- und salzpflanzen. Die experimen-
telle widerlegung der schimperschen xerophyten-
theorie. Naturwissenschaften. 12: 637-
646. illus. Ag.8, 1924. no.32.
Literatur: p.646.

New Zeal. Journ. Agr.

Foy, N. R.

Dodder in white clover. New magnetic process of
removal. New Zeal. Journ. Agr. 29: 44-45.
Jl. 1924. no. 1.

Taylor, W. H.

Tomato-culture. Some further notes on disease-
control. New Zeal. Journ. Agr. 29: 40-43.
Jl. 1924. no. 1.

Ochrana Rostlin.

Farský, O.

Choroby a škůdcové ovocného stromoví, zahrad-
nich rostlin a škůdcové lesní hlášení od 1. I.-
30. IV. 1924. Ochrana Rostlin. 4: 57-59.
illus. Jl. 1924. no. 4.

Farský, O. & Rasek, J.

Choroby a škůdcové ovocného stromoví, zeleniny
a lesa, hlášení fytopathologické sekci mor. zem.
výzk. ústavu zemědělského v Brně. Ochrana
Rostlin. 4: 60-62. Jl. 1924. no. 4.

Pharm. Journ.

Mellor, E. M.

The countries our drugs come from, XII.
Colombia, Pharm. Journ. IV, 59: 213-222,
illus. Ag.16, 1924. no.3174.

Wallis, T. E.

Botany: outline of classification. Pharm.
Journ. IV, 59: 222-224. Ag.16, 1924.
no. 3174.

Ware, A. H.

Plant colouring-matters and chromogens in
relation to pharmacognosy I- Pharm. Journ.
IV, 59: 252-253. Ag.23, 1924. no.3175.

Pharm. Monatch.

Happing, H.

Der anbau von medizinalrhabarber in Deutsch-
land. Pharm. Monatsch. 5: 136-138. il-
lus. J1. 1924. no.7.

Philipp. Agr. Rev.

Morada, E. K.

The effect of sunlight on the germination of
papaya seeds, Carica papaya. Philipp. Agr.
Rev. 17: 21-23. 1924. no. 1.

Reyes, G. M.

On the occurrence of maize rust in the Philippines.
Philipp. Agr. Rev. 17: 3-9. iv pl. 1924. no. 1.
Literature cited: p.9.

Wester, P. J.

Directions for saving and keeping vegetable and
other seeds. Philipp. Agr. Rev. 17: 40-45,
illus. 1924. no. 1.

Wester, P. J.

The preparation and packing of seeds and scions
of trees and shrubs in the tropics. Philipp. Agr.
Rev. 17: 46-51. 1924. no. 1.

Wester, P. J.

The seedless breadfruits of the Pacific archi-
pelagoes. Philipp. Agr. Rev. 17: 24-39.
1924. no. 1.

Proc. Amer. Phil. Soc.

MacDougal, D. T.

The arrangement and action of material in the
plasmatic layers and cell-walls of plants. Proc.
Amer. Phil. Soc. 63: 76-93. 1924. no. 1.

Proc. Boston Soc. Nat. Hist.

Pease, A. S.

Vascular flora of Coös County, New Hampshire.
Proc. Boston Soc. Nat. Hist. 37: 39-388. pl.5-
11. J1. 1924. no.3.

Progr. Agr. & Vitic.

Soursac, L.

Le rougeau et la sécheresse. Progr. Agr.
et Vitic. 82: 116-118. Ag.3, 1924. no.31.

Quart. Bull. Florida St. Pl. Bd.

Rhoads, A. S.

Grape diseases, with special reference to black-rot and anthracnose. Quart. Bull. Florida State Plant Bd. 8: 102-112, Jl. 1924. no. 4.

Rhoads, A. S.

Ripe-rots of grapes and the copper acetates as non-staining sprays for late applications to control them. Quart. Bull. Florida State Plant Board. 8: 97-102. Jl. 1924. no. 4.

Queensl. Agr. Journ.

White, C. T.

Queensland trees no. 31. Bunya pine. Queensl. Agr. Journ. 22: 26. pl. 8, 11. Jl. 1924. no. 1.

Rep. Iowa State Hort. Soc.

Gilman, J.

Five years' experiments with hot formaldehyde potato seed treatment. Rep. Iowa State Hort. Soc. 58: 285-298. illus., plates. 1924. Bibliography: p. 297.

King, C. M.

Blooming dates for Iowa plants for 1923. Rep. Iowa State Hort. Soc. 58: 162-167. 1924.

Pammel, L. H. & King, C. M.

The relation of honey plants to soils. Rep. Iowa State Hort. Soc. 58: 391-406. 1924.

Stokdyk, E. A.

Controlling sweet potato diseases. Rep. Iowa State Hort. Soc. 58: 119-122. 1924.

Rep. Oper. Dept. Agr. Bengal.

Hector, G. P.

Annual report of the economic botanist. 1922/23. Rep. Oper. Dept. Agr. Bengal. 1922/23. p. i-v. 1923.

Includes notes on plant diseases.

Rev. Agr. Puerto Rico.

Kern, F. D. & Whetzel, H. H.

Observaciones en las enfermedades del cafeto y de los arboles de sombra. Rev. Agr. Puerto Rico. 13: 7-11. illus. Jl. 1924. no. 1.

Rev. Gén. Bot.

Carpentier, A.

Sur les végétaux a structure conservée d'un silex permien. Rev. Gén. Bot. 36: 241-252. illus., pl. 6. Jo. 1924. no. 426.

Nicolas, G.

Revue des travaux de physiologie végétale parus de 1910 a 1919 (cont.) Rev. Gén. Bot. 36: 269-288. My. 1924. no. 426.

Rev.Gén. Bot. (cont.)

Woyciński, Zygmunt.

Recherches sur la déhiscence des anthères
et le rôle du stomium. (concl.) Rev. Gén. Bot.
36: 250-268, illus. Jé. 1924. no. 426.

Rev. Hort.

Lesourd, F.

Fatschedera lizei Guillaumin. Rev. Hort.
96: 179-180, illus. Ag. 16, 1924, no. 8.

Meunissier, A.

Une belle clématite a floraison hivernale et a
feuillage persistant Clematis cirrosa L. Rev.
Hort. 96: 186, col.pl. Ag. 16, 1924. no. 8.

Mottet, S.

Un nouveau tilleul, Tilia oliveri Szyszylowicz.
Rev. Hort. 96: 188-189, illus. Ag. 16, 1924.
no. 8.

Rev. Hort. Algérie.

Gèze, J. B.

Traitements d'hiver et de printemps contre
quelques parasites des arbres fruitiers (Coloque,
Coryneum, tavelure, ver des pommes, cochenilles,
etc.) Rev. Hort. Algérie. 28: 147-151.
Jl. 1924. no. 7.

Science.

Babcock, E. B.

Species of Crepis. Science. 60: 175-176.
Ag. 22, 1924. no. 1547.

C. reuteriana used by Rosenberg is C. capilla-
ris.

Herbert, D. C.

Stinging crystals in plants. Science. 60:
204-205. Ag. 29, 1924. no. 1548.

Lindstrom, E. W.

A genetic linkage between size and color factors
in the tomato. Science. 60: 182-183. Ag. 22,
1924. no. 1547.

Mangelsdorf, P. C.

Waxy endosperm in New England maize. Science.
60: 222-223. S. 5, 1924. no. 1549.

Respiration in plants. Science 60(Suppl.): x.
S. 5, 1924.

Streets, R. B.

Labeling microscope slides. Science. 60:
181-182. Ag. 22, 1924. no. 1547.

Sci. Rep. Tohoku Imp. Univ., Sendai, Japan.

Ito, T.

De nova specie ex Japonia Australi. Sci.
Rep. Tohoku Imp. Univ., Sendai, Japan. IV, 1: 45-
49. illus. Ag. 1924. no. 1.

Asarum fulsinoi.

Sci. Rep. Tohoku Imp. Univ., Sendai, Japanst.(cont.)

Molisch, H.

Botanische Beobachtungen in Japan. Sci. Rep.
Tohoku Imp. Univ., Sendai, Japan. IV, 1: 75-81.
illus. Ag. 1924. no. 1.

I. Ueber elaeoplasten bei *Botrychium ternatum*
SW. und *ophioglossum vulgatum* L. - II. Ueber einen
neuen pflanzenfarbstoff bei *Clerodendron*
trichotomum Thunb.

Tahara, M.

Zur kenntnis der keimentwicklung bei *Sargassum*.
Sci. Rep. Tohoku Imp. Univ., Sendai, Japan. IV, 1:
91-95, illus. Ag. 1924. no. 1.

Scient. Month.

Popence, P.

The date-palm in antiquity. Scient. Month.
19: 313-325. S. 1924. no. 3.

Sitzungsb. Akad. Wiss. Wien. Math.-Naturw. Kl. Abt. I.

Heinricher, E.

Das absorptionssystem der wacholdermistel
(*Arceuthobiumoxycedri* D.C. M.B.) mit besonderer
berücksichtigung seiner entwicklung und leistung.
Sitzungsb. Math. Naturw. Kl. Akad. Wiss. Wien. Abt.
I. 132: 145-194. illus., pl. i-vii. 1924.
no. 7-8.

Hohnel, F.X. freiherr von.

Fragmente zur mykologie XXV. nr. 1215 bis
1225, Sitzungsb. Math. Naturw. Kl. Akad.
Wiss. Wien. Abt. I. 132: 98-118. 1924. no. 4-6.

So. African Gard.

Preston, F. G.

Rosa omeinsis var. *pteracantha*. So. Afr. Gard.
14: 297, 305. illus. Ag. 1924. no. 8.

So. Afr. Journ. Sci.

Bews, J. W.

Notes on the evolution of plant growth forms.
South Afr. Journ. Sci. 20: 290-303. D. 1923.
no. 2 (Rec'd Ag. 1924)
References: p. 302-303.

Curson, H.H.

Outline of the floral regions of Zululand.
South Afr. Journ. Sci. 20: 323-346. pl. ix-xii.
D. 1923 (Rec'd Ag. 1924) no. 2.

Forbes, H. M. L.

A note on the flora of Salisbury Island (Durban
Bay) South Afr. Journ. Sci. 20: 304-308.
pl. vii-viii. D. 1923 (Rec'd Ag. 1924.) no. 2.

Sim, T.R.

Notes on South African ferns and Rhodesian
mosses. South Afr. Journ. Sci. 20: 309-315.
pl. ix. D. 1923 (Rec'd Ag. 1924) no. 2.

Staz. Sper. Agr. Ital.

Manarosi, A.

Ricerche sulla longevità del polline di alcune
piante da frutto. Staz. Sper. Agr. Ital. 57:
33-55. 1924. no. 1-3.
Bibliografia: p. 54-55.

Nevano, G.

Studio di alcune correlazioni nell'arachide
(*Arachis hypogaea* L.) Staz. Sper. Agr. Ital.
57: 17-32. 1924. no. 1-3.
Lavori consultati: p. 32.

Ravenna, C.

Influenza delle lesioni sulla produzione della
morfina nel papavero. Staz. Sper. Agr. Ital.
57: 5-8. 1924. no. 1-3.

Svensk Bot. Tidskr.

Dahlgren, K. V. O.

Studien über die endosperm-bildung der kompositen.
Svensk Bot. Tidskr. 18: 177-203. illus. J1. 1924,
no. 2.
Literaturverzeichnis: p. 199-203.

Ljungdahl, H.

Ueber die herkunft der in der meiosis kongugieren
den chromosomen bei Papaver-hybriden. Svensk Bot.
Tidskr. 18: 279-291. illus. J1. 1924. no. 2.
Zitierte literatur: p. 290-291.

Skärmen, J. A. O.

Bidrag till nordöstra västergötlands flora.
Svensk Bot. Tidskr. 18: 204-278. illus. J1.
1924. no. 2.
Litteraturförteckning: p. 278.

Thar. Forstl. Jahrb.

Vater,

Friedrich Nobbe und die pflanzenphysiologische
versuchs- und samen-kontroll-station zu
Tharandt. Thar. Forstl. Jahrb. 75: 141-188.
port. 1924. no. 4.

Torreyia.

Gates, F. C. & Erickson, E.

Swamp and bog plants: iris versicolor L.
Torreyia. 24: 55-57. J1./Ag. 1924. no. 4.

Toepffer, A.

Johann David Schöpfung: a pioneer of American
botanical exploration. Torreyia. 24: 57-58/
J1./Ag. 1924. no. 4.

There has recently come to light an incomplete
manuscript of Schöpfung's entitled "Index plantarum
Novaeboracensium, quarum virtutes medicamentosa par-
tim jamjam explore, partim adhuc explorandae."

Tropenpfl.

Uphof, J. C. Th.

Clausena lansium, eine für Westindien geeignete
chinesische frucht. Tropenpfl. 27: 96-97.
J1./Ag. 1924. no. 3.

Die Umschau.

Furst, Th.

Die befruchtung im lichte der Bierschen theorie vom aentwicklungsreiz." Die Umschau. 28: 601-603. Ag.9, 1924. no.32.

Vie Agr. et Rur.

Larue, P.

Sur la coloration des bois. Vie Agr. et Rur. 25: 121-123. Ag.23, 1924. no.34.

Truelle, A.

Nomenclature des poires a poiré de Normandie. (cont.) VieAgr. et Rur. 25: 124-126. Ag. 23, 1924. no.34.

West. Fruit.

Frank, A.

Problems in disease and insect control. West. Fruit. v.6, no.8. p.10,22,26. Ag. 1924.

Wiener Landw. Zeit.

Roeck, G.

Die rolle der immunitätszüchtung im modernen pflanzenschutz (cont.) Wiener. Landw. Zeit, 74: 271-272. Ag.16, 1924. no.6008/6009.

Wydawnictwo Min. Rolnictwa Dóbr. Państw. Poland.

Kobendza, R.

O wegetatywnem rozmanżaniu świerka (Picea excelsa) w puszczy Biażowieskiej. Wydawnictwo Min. Rolnictwa Dóbra Państw. Poland. Ser.E, no.2. p.63-92. illus., plates 1923 (Rec'd S. 1924)

Spis literatury: p.91-92.

French résumé (De la reproduction végétative du sapin Picea excelsa dans la forêt de Biażowieza): p.92-95.

Wiśniewski, Tad.

Przyczynek do znajomości flory puszczy Biażowieskiej. Wydawnictwo Min. Rolnictwa Dóbr. Państw. Poland. Ser.E, no.2. p.33-61. 1923 (Rec'd S. 1924)

French résumé (Note sur la flore de la forêt de Biażowieza): p.61.

Exper. Stat. Publ.

Pope, W. T.

The Guatemalan avocado in Hawaii. Hawaii Agr. Exp. Stat. Bull.51, 24 p. pl.i-x. Ag. 1924.

Melchers, L. E. & Walker, H.B.

The copper carbonate dust method of controlling bunt of wheat. Kansas Agr. Exp. Stat. Circ.107. 14 p. illus. Jl. 1924.

Folsom, D. & Schultz, E.S.

The importance and natural spread of potato degeneration diseases. Maine Agr.Exp. Stat. Bull. 316. 28 p. plates. Ja. 1924 (Rec'd Ag.)

New Books.

- Berry, J. B.
Western forest trees... 212 p. illus.
Yonkers-on Hudson, 1924.
- Boas, F. & Merckenschlager, F.
Die lupine als objekt der pflanzenforschung.
Berlin, P. Parey, 1923.
Krankheiten: p.125-130.
Literatur at end of sections.
- Cockayne, L.
The cultivation of New Zealand plants. 1923.
- Fernald, M.L.
Key to the families of spring-flowering
plants of eastern Massachusetts. 12 p. Cambridge,
1924.
- Nuttall, G.C.
Trees and how to grow them. London, Cassell,
1923.
New ed., first publ. 1913.
- Rubner, K.
Die pflanzengeographischen grundlagen des wald-
baus... Neudamm, 1924.
- Taubenhaus, J.J. & Mally, F.W.
The culture and diseases of the onion. New
York, E.P. Dutton, c1924.
- Wilding, E.H.
Rhododendrons, their names and addresses.
105 p. London, 1923.



Alpe, Riv. For. Ital.

Petri, L.

Infezioni fungine nei semenzai forestali.

Alpe, Riv. For. Ital. 11: 233-241. Ag. 1924.
no. 8.

Amer. Journ. Pharm.

Stoneback, W. J.

A paradise found. Amer. Journ. Pharm.

96: 667-674. Illus. S. 1924. no. 9.

Botanical garden of Mr. Eugene Rau, Bethlehem,
Pennsylvania.

Amer. Nat.

Belling, J.

The distribution of chromosomes in the pollen-
grains of a triploid hyacinth. Amer. Nat. 58:
440-446. illus. S.-O. 1924. no. 658.

References: p. 446.

Eyster, W. H.

A second factor for primitive spermatophyte in
maize. Amer. Nat. 58: 436-439. S.-O. 1924.
no. 658.

Literature cited: p. 439.

Ann. Appl. Biol.

Bewley, W. F. & Shearn, J.

A root disease of the tomato caused by *Colletotrichum tabificum* (Hallier pro parte) Peckbridge.
Ann. Appl. Biol. 11: 244-251. pl. v-vi. Jl. 1924.
no. 2.

References: p. 251.

Ridler, W.F.F.

Investigation of the structure of reverted
black currants. Ann. Appl. Biol. 11: 252-260.
illus., pl. vii. Jl. 1924. no. 2.

References: p. 260.

Wormald, H.

The mulberry "blight" in Britain. Ann.
Appl. Biol. 11: 169-174. pl. ii. Jl. 1924.
no. 2.

References: p. 174.

Ann. Congr. Agr. Nord, Brasil.

Carneiro de Albuquerque, J.T.

Plantas textis. Ann. Congr. Agr. Nord.
Brasil. 1: 102-104. 1923.

Hardman, S.

Defeza sanitaria vegetal. Ann. Congr. Agr.
Nord, Brasil. 1: 421-423. 1923.

Ann. Naturh. Mus. Wien.

Keissler, K. von.

Schedae ad "Kryptogamas exsiccatas" editae a
Museu Palatino Vindobonensi. Cent. XXVIII.
Ann. Naturh. Mus. Wien. 37: 201-214. 1924.

Ann. Naturh. Mus. Wien. (cont.)

Keissler, K.

Tilachlidicopsis nov. gen. Phaeostilbeae-
Amerosporae. Eine neue pilzgattung. Ann.
Naturh. Mus. Wien. 37: 215-216. illus.
1924.

Ann. Rep. Conserv. Comm. N.Y.

White pine blister rust. Ann. Rep. Conserv.
Comm. N.Y. 13: 170-178. illus. 1924.

Arch. Pharm.

Braun, K.

Pflanzen aus Deutsch-Ostafrika, ihre namen und
verwendung bei den eingeborenen. Arch. Pharm.
262: 368-381. Ag. 1924. no. 4.

Kofler, L.

Ueber das saponin der Primulawurzel. Arch.
Pharm. 262: 318-328. Ag. 1924. no. 4.

Zellner, J.

Studien über die chemischen bestandteile
heimischer arzneipflanzen. I- Arch. Pharm.
262: 381-397. Ag. 1924. no. 4.

Austral. Sugar Journ.

Cottrell-Dormer, W.

Cane pests and diseases. Report on Babinda
areas. Austral. Sugar Journ. 16: 327, 329-330.
Ag. 8, 1924. no. 5.

Ber. Deut. Bot. Ges.

Bloch, R.

Ueber das "mesekret" von *Ilex aquifolium*. Ber.
Deut. Bot. Ges. 42: 255-261. J1. 1924. no. 6.

Fischer, H.

Vitus Auslasser, der erste deutsche florist,
und sein kräuterbuch vom jahre 1479. Ber. Deut.
Bot. Ges. 42: 156-163. My. 1924. no. 4.

Heil, Hans

Die basalzelle des tetrasporangiums von *Dictyota*
dichotoma und einiges über die zellwandstruktur.
Ber. Deut. Bot. Ges. 42: 119-125. illus. My.
1924. no. 4.

Heinricher, E.

Zum parasitismus der rhinantheen. Ber. Deut.
Bot. Ges. 42: 243-250. J1. 1924. no. 6.

Iwanoff, L.

Ueber die transpiration der holzgewächse im
winter. II. Ber. Deut. Bot. Ges. 42: 210-
218. Je. 1924. no. 5.

Ber. Deut. Bot. Ges. (cont.)

Klebahn, H.

Fabraea fragariae, die schlauchfruchtform der
Marssonina fragariae. Ber. Deut. Bot. Ges. 42:
191-197. illus. Jg. 1924. no. 5.

Kolkwitz, R.

Plankton - membranfilter. Ber. Deut. Bot.
Ges. 42: 205-209. illus. Jg. 1924. no. 5.
Literatur: p.209.

Lorbeer, G.

Der chromatophor, die chromosomenzahl und die
dehiscenzlinie des sporogons von Anthoceros laevis
L. Ber. Deut. Bot. Ges. 42: 231-237. illus.
Jl. 1924. no. 6,
Literaturverzeichnis: p.237.

Melchior, H.

Ueber das vorkommen von inulin in den blättern
der marcgraviaceen. Ber. Deut. Bot. Ges. 42:
193-204. Jg. 1924. no. 5.

Pascher, A.

Ueber die morphologische entwicklung der
flagellaten zu algen. Ber. Deut. Bot. Ges. 42:
148-155. My. 1924. no. 4.

Prät, S.

Die pilze in den wespennestern. Ber. Deut.
Bot. Ges. 42: 225-226. Jg. 1924. no. 5.

Schaede, R.

Ueber die reaktion des lebenden plasmas. Ber.
Deut. Bot. Ges. 42: 219-224. Jg. 1924. no. 5.
Literatur: p.223-224.

Schwemle, J.

Vergleichend zytologische untersuchungen an
onagraceen. Ber. Deut. Bot. Ges. 42: 238-
243. illus., pl. i. Jl. 1924. no. 6.
Literatur: p.242-243.

Seckt, H.

Ist Caesalpinia gilliesii Wallich insectivor?
Ber. Deut. Bot. Ges. 42: 133-144. illus. My.
1924. no. 4.

Schmidt, E. W.

Die fungizide wirkung von seifenlosungen. Ber.
Deut. Bot. Ges. 42: 131-135. illus. My. 1924.
no. 4.

Schmidt, E. W.

Ueber zellphysiologische versuche mit digitonin.
Ber. Deut. Bot. Ges. 42: 136-138. My. 1924. no. 4.

Stark, P.

Geotropische reizleitung bei unterbrechung des
organischen zusammenhangs. Ber. Deut. Bot. Ges.
42: 125-130. My. 1924. no. 4.
Literatur: p. 130.

Stoklasa, J.

Ueber die resorption der ionen durch das wurzel-
system der pflanzen aus dem boden. Ber. Deut. Bot. Ges.
42: 183-191. Jg. 1924. no. 5.

Ber. Deut. Bot. Ges. (cont.)

Vries, H. de & Boedyn, K.

Die gruppierung der mutanten von *Oenothera lamarckiana*. Ber. Deut. Bot. Ges. 42: 174-178. My. 1924, no. 4.
Literatur: p. 178.

Wislouch, S. M.

Beiträge zur diatomeenflora von Asien. II. Neuere untersuchungen über die diatomeen des Baikal-Sees. Ber. Deut. Bot. Ges. 42: 163-173, illus. My. 1924, no. 4.

Yanaguchi, Y.

Ueber den anthocyaninfarbstoff von *Ipomoea hederacea*. Ber. Deut. Bot. Ges. 42: 144-147 illus. My. 1924, no. 4.

Zander, R.

Ueber bisher unbeachtet gebliebene digestionsdrüsen von *Drosera*. Ber. Deut. Bot. Ges. 42: 251-255, illus. J1. 1924, no. 6.

Ziegenspeck, H.

Ueber jed unter blaufärbung aufnehmende stoffe in den asci von flechten (*isolichenin*). Ber. Deut. Bot. Ges. 42: 116-119. My. 1924, no. 4.

Better Crops.

Hansen, A. A.

Beware of buckeye. Better Crops, 3: 24-25, 56. illus. S. 1924, no. 1.

Biochem. Zeitschr.

Lundegårdh, H.

Ueber die interferenzwirkung von wasserstoffionen und neutralsalzionen auf keimung und wachstum des weizens. Biochem. Zeitschr. 149: 207-215. J1. 1924. no. 3/4.
Literatur: p. 215.

Smirnow, A. J. & Alissowa, Fr. S. Ph.

Zur frage über die rolle der aschenbestandteile in den pflanzen I- Biochem. Zeitschr. 149: 63-78. Je. 1924, no. 1/2.
I. Das einwirken von neutralsalzen auf die katalase.

Biol. Zentralbl.

Renner, O.

Die scheckung der oenotherenbastarde. Biol. Zentralbl. 44: 309-336, illus. Je. 1924, no. 6.
Zitierte literatur: p. 335-336.

Bot. Arch.

Abele, K.

Untersuchungen an gametophyten von *Peperomia incana*. Bot. Arch. 7: 321-324, illus. Ag. 1924, no. 3-4.
Literatur: p. 324.

Lindemuth, K.

Beitrag zur biologie von *Vicia hirsuta* Koch und ihre bedeutung als landwirtschaftliches unkraut. Bot. Arch. 7: 195-251, illus. Ag. 1924, no. 3-4.
Literatur: p. 249-251.

Bot. Arch. (cont.)

Spiekerkoetter, H.

Untersuchungen zur anatomie und systematik ostafrikanischer meliaceen, burseraceen und sinarubaceen. Bot. Arch. 7: 274-320. illus. Ag. 1924. no. 3-4.

Literaturhinweise: p. 320.

Ziegenspeck, H.

Ueber sparstärke. Bot. Arch. 7: 251-273. Ag. 1924. no. 3-4.

Literatur: p. 273.

Bull. Agence Gen. Colonies France.

Heim, F., Maheri, J., Cercelet, M., Dagand, G. S. & Heim de Balsac, R.

Valeur papetière du bois de "pri" de la Côte d'Ivoire (*Funtumia africana* Stapf-Apocynaceae) (cont.) Bull. Agence Gen. Colonies France. 17: 561-580. illus. Ap. 1924. no. 196.

Bibliographie: p. 579-580.

Henry, C.

L'arbre a pain en Océanie "*Artocarpus incisa*" (Linn.) Bull. Agence Gen. Colonies France. 17: 581-584. Ap. 1924. no. 196.

Bull. Econ. Indochine.

Guillaume, A.

Rapport sur le cocotier en Indochine. Bull. Econ. Indochine. 27: 137-194. illus., plates. 1924. no. 2.

Hautefeuille, L.

L'agave textile aux Iles Philippines. Bull. Econ. Indochine. 27: 111-135. illus. 1924. no. 2.

Bull. Imp. Inst. Gt. Brit.

The characters of Indian mycobalans. Bull. Imp. Inst. 22: 122-134. 1924. no. 2.

Bull. Mus. Hist. Nat. Paris.

Amassé, Aug.

Diatomees de la côte orientale d'Afrique. Bull. Mus. Nat. Hist. Nat. Paris. 30: 109-116, 159-166. 1924. no. 1-2.

Benoist, R.

Descriptions d'espèces nouvelles de phanérogames de la guyane française. Bull. Mus. Nat. Hist. Nat. Paris. 29: 594-597. 1923; 30: 103-105. 1924. no. 8, 1.

Browne, Lady Isabel.

Note sur les bractées de *Palaecostachya gracilis* Ren. Bull. Mus. Nat. Hist. Nat. Paris. 29: 541-542. 1923. no. 7.

Bull. Mus. Hist. Nat. Paris. (cont.)

Camus, A.

Contribution à la connaissance de quelques graminées. Bull. Mus. Nat. Hist. Nat. Paris. 30: 106-108. 1924. no.1.

Colin, H. & Franquet, R.

Discontinuité chimique chez les plantes greffées. La greffe *Chenopodium vulvaria*-*Chenopodium album*. Bull. Mus. Nat. Hist. Nat. Paris. 29: 630. 1923. no.8.

Costantin, J.

Etude anatomique de la souche souterraine de l'*Eryngium alpinum* L. Bull. Mus. Nat. Hist. Nat. Paris. 29: 537-540. 1923. no.7.

Guillaumin, A.

Plantes nouvelles des serres du muséum (cont.) Bull. Mus. Nat. Hist. Nat. Paris. 29: 543-544. 1923. no.7.
Polystachya inaperta, *Begonia trullaefolia*.

Hickel, R. & Camus, A.

Castanopsis nouveaux d'Indo-chine. Bull. Mus. Nat. Hist. Nat. Paris. 29: 534-536. 1923. no. 7.

Hickel, R. & Camus, A.

Fagacées nouvelles d'Indo-chine: genre *Pasania* Oerts. Bull. Mus. Nat. Hist. Nat. Paris. 29: 602-606. 1923. no.8.

Hickel, R. & Camus, A.

Fagacées nouvelles d'Indo-chine: genre *Quercus* L. Bull. Mus. Nat. Hist. Nat. Paris. 29: 598-601. 1923. no.8.

Jumelle, H.

Le *Sansevieria canaliculata* et le *Sansevieria stuckyi*. Bull. Mus. Nat. Hist. Nat. Paris. 29: 607-612. 1923. no.8.

Lecomte, H.

Sur la répartition des stomates chez un pin d'Indochine. Bull. Mus. Nat. Hist. Nat. Paris. 29: 531-533. 1923. no.7.

Pellegrin, F.

Plantae Letestunanae novae cu *Plantae* nouvelles récoltées par M. Le Testu de 1907 à 1919 dans le Mayombe congolaise. (cont.) Bull. Mus. Nat. Hist. Nat. Paris. 29: 591-593. 1923. no.8.

Lindackeria (*Oncoba*) *ngounyense*, *Pterygota augouardii*, *Sterculia bayakensis*, nov. sp.

Rodriguez, L.

Plantes de l'Albanie moyenne. Bull. Mus. Nat. Hist. Nat. Paris. 29: 613-619. 1923. no.8

Bull. N.Y. Bot. Gard.

Hollick, A.

A review of the fossil flora of the West Indies, with descriptions of new species. Bull. N.Y. Bot. Gard. 12: 259-323. illus., pl. 1-15. S. 1924. no. 45.

Moore, B., Richards, H.M., Gleason, H.A., & Stout, A.B.

Hemlock and its environment. Bull. N.Y. Bot. Gard. 12: 325-350. S. 1924. no. 45.
I. Field records.

Bull. State Inst. Appl. Agr. Long Island, N.Y.

Hartill, L.R.

Small fruit culture on Long Island. Bull. State Inst. Appl. Agr. Long Island, N.Y. v. 5, no. 2. 42 p. illus. Jl. 1920 (Rec'd. S. 1924)

Diseases affecting small fruits and methods of control: p. 36-37.

Peters, C.A. & Peters, M.K.

Plant diseases. Bull. State Inst. Appl. Agr. Long Island, N.Y. v. 7, no. 2. 22 p. illus. Je. 1922. (Rec'd. S. 1924)

Chaparra Agr.

Calvino, E.M. de.

Botánica de la caña de azúcar. Chappara Agr. v. 1, no. 4. p. 3-6. Ag. 1924.

Il Coltiv.

Poggi, T.

Elettrogenetica. Il Coltiv. 70: 163-165
Ag. 30, 1924. no. 24.

Compt. Rend. Acad. Sci. Paris.

Blaringhem, L.

Sur la dégénérescence des lins à fibres. Compt. Rend. Acad. Sci. Paris. 179: 418-420. Ag. 18, 1924. no. 7.

Embenger, I.

Contribution à l'étude de la formation des plastes chez les végétaux. Compt. Rend. Acad. Sci. Paris. 179: 420-422. illus. Ag. 18, 1924. no. 7.

Cyprus Agr. Journ.

Reilly, G.E.

Saprophytic fungi. Cyprus Agr. Journ. 19: 95-97. Jl. 1924. no. 3.

Deut. Landw. Presse.

Rabien, E.

Ein weiteres beispiel der reizwirkung quecksilberhaltiger beizmittel. Deut. Landw. Presse. 51: 390. illus. Ag. 23, 1924. no. 34.

Cyprus Agr. Journ.

Reilly, G. E.
Saprophytic fungi. Cyprus Agr. Journ. 19:
95-97. J1. 1924.

Deut. Landw. Presse.

Rabien, H.
Ein weiteres Beispiel der reizwirkung quecksilberhaltiger beizmittel. Deut. Landw. Presse. 51:
390. illus. Ag. 23, 1924.

Facts about Sugar.

Cross, W. E.
Mosaic-resistant Java canes in Tucuman. Methods of cultivation, milking and yields described by director of experiment station. Facts about Sugar. 19: 250-251. S. 13, 1924.

Earle, F. S.

Mosaic eradication urged. Elimination of disease only real solution. Facts about Sugar. 19: 253. S. 13, 1924.

Pack, D. A.

The storage of sugar beets. Problems and methods of keeping siloed beets through the winter with minimum loss. Facts about Sugar. 19: 178-180, 208-209, 232-233, 235, 251-253. illus. Ag. 23, 30, S. 6, 13, 1924.
Literature cited: p. 252-253.

Townsend, C. O.

Curly top investigations. A correction of erroneous statements and some comment on the disease. Facts about Sugar. 19: 258, 264. S. 13, 1924.

Floralia.

Schenk, P. J.

Enige parasieten van bolgewassen. Floralia. 45: 559. illus. Ag. 29, 1924.

Van Zijst, J.

Iepenziekte. Floralia. 45: 573. S. 5, 1924. no. 36.

Flor. Rev.

Cannaday, J. E.

Reproducing plant life. Flor. Rev. v. 54, no. 1398. p. 39, 112-122. S. 11, 1924.

Forstwissensch. Centralbl.

Buffe,

Blüten- und fruchtbildung künstlich verletzter kiefern. Forstwissensch. Centralbl. 46: 325-332. J1. 15, 1924.

Fruit, Flower & Veg. Trades Journ.

Adam, D. B.

Scald in cold stored Jonathan apples. Fruit, Flow. & Veg. Trades Journ. 46: 228. S. 6, 1924. no. 10.

Fruit World. Australasia.

Allen, W. J.

Some common orchard troubles. Fruit World, Australasia. 25: 391. Ag. 1924.

McClelland, N. & Tiller, L. V.

Flesh collapse in apples, season 1923. Fruit World Australasia. 25: 365-368. Ag. 1924.

Garden.

Canning-Wright, H.W.
complete mushroom culture. Garden. 88:
606-607, Ag.30, 1924. no. 2754

Canning-Wright, H.W.
The cult of the Penstemon. Garden. 88:
617-618. illus. S.6, 1924. no. 2755

Cockayne, L.
New Zealand plants for the British Isles
Garden. 88: 615-616. illus. S.6, 1924. no. 2755

Cox, E.H.M.
Seeds and plants from overseas. I- Garden
88:614. S.6, 1924. no.2775

Head, R.E.
Knot gardens. Garden. 88: 618-619
illus. S.6, 1924. no. 2775.

Matthews, J.R.
The story of the Royal botanic garden at
Edinburgh. Garden. 88: 600-601. illus.
Ag.30, 1924. no. 2754.

Gard. Chron.

Buddin, W & Wakefield, F.M.
Notes on some Antirrhinum diseases. Gard.
Chron. III, 76: 150-152. illus. Ag.30, 1924.
no. 1966.

Friend, H.
Garden-craft in the Canticles V. Gard.
Chron. III, 76: 136. S.6, 1924. no.1967

Imperial botanical conference (cont.) Gard.
Chron. III, 76: 152, 170. Ag.30, S.6, 1924.
no.1966, 1967.

Taylor, G.A.
The leek. Gard. Chron. III, 76:170
S.6, 1924. no. 1967.

Ward, F.Z.
Mr. F. Kingdon Ward's eighth expedition in
Asia. (cont.) Gard. Chron. III, 76:148.
Ag.30, 1924. no.1966.

Gartn.-Tid.

A , M.D.
Kærnefrugtskimmel paa Aebler. (*Monilia fructigena*
Pers.) Gartn.-Tid. 40: 396-398. illus. Ag.26
1924. no.35.

Bjergesen, F.
Densidste vinters indflydelse paa en del, navnlig
i de senere aar, indførte stødsgrønne træer og
buske. Gartn.-Tid. 40: 393-396, 403-407, Ag.26,
S.2, 1924. no.35, 36.

Geogr. Journ.

Stamp, L.D.
Notes on the vegetation of Burma. Geogr.
Journ. 64: 231-237. S.1924. no.3.

Hacienda.

Gould, H.P.
El cultivo y explotación de la higuera en Norte-
américa. Hacienda, 19: 274-277. illus. S.1924
no. 9.

Illus. Landw. Zeit.

Spill, K.
Krebsfeste kartoffelsorten. Illus. Landw.
Zeit. 44: 353. col.pl. Ag.15, 1924. no.33.

Ital. Agr.

Mancini, E.
"Disinfezione dei chicchi di grano infetti da
"Ustilago tritici." Ital. Agr. 61: 389-390.
Ag.15, 1924. no. 3.
Bibliografia: n.390.

Jahrb. Wiss. Bot.

Overbeck, P.
Studien an den turgeszenz-schleudernmechanismen
von *Dorstenia contrayerva* L. und *Impatiens parvi-
flora* DC. Jahrb. Wiss. Bot. 63: 467-500.
illus. J1. 1924. no.3.
Literatur:p.499-500.

Ruhland, W.

Beiträge zur physiologie der knallgasbakterien.
Jahrb. Wiss. Bot. 63: 321-389. illus. J1. 1924.
no. 3.
Literatur:p. 389.

Seidel, H.

Untersuchungen über das wachstum und die
reizbarkeit der wurzelhaare. Jahrb. Wiss.
Bot. 63: 501-552. illus., pl.1. J1. 1924
no.3
Literatur:p. 550-551.

Zimmermann, W.

Untersuchungen über den plagiotropen wuchs von
ausläufern. Jahrb. Wiss. Bot. 63: 390-406.
illus. J1. 1924. no.3
Literatur:p.464-466

Journ.Bot.

Church, A.E.
Reproductive mechanism in land flora. II.
Life-cycles (cont.) Journ.Bot. 62: 268-
275. S.1924. no.741

Howard, H.J.

Norfolk mycotoxoa. Journ.Bot. 62: 257-
264. S.1924. no.741

Journ.Bot. (cont.)

M , J. R.

Plant propagation at Edinburgh. Journ.Bot.
62: 275-276. S. 1924. no.741.

Pugsley, H.W.

Limonium transwallianum, nom.nov. Journ.
Bot. 62: 277. S. 1924. no.741.

Salisbury, E.J.

Anemone nemorosa var. *caerulea*. Journ.Bot.
62: 265-266. S. 1924. no.741.

Sprague, T.A.

Statice and *Limonium*. Journ. Bot. 62:
267-268. S. 1924. no.741.

"The name *Statice* being reserved for the thrifts,
the sea-lavenders become *Limonium*."

Journ. Dept. Agr. So. Africa.

Gunn, J.W.C.

Slangkop poisoning. Journ. Dept. Agr. So.
Africa. 9: 141-142. Ag. 1924. no.2.
References: p. 142.

Storey, H.H.

Diseases of sugar-cane of the mosaic type in
South Africa I- Journ. Dept. Agr. So. Africa. 9:
108-117. illus., col. pl. i-ii. Ag. 1924. no.2.

Literature cited: p. 117.

I. True mosaic, mottling, or yellow stripe
disease.

Journ. Elisha Mitchell Soc.

Ashe, W.M.

Notes on woody plants. Journ. Elisha
Mitchell Sci. Soc. 40: 43-48. Ag. 1924. no.1-2.

Quercus leioderms, *Ilex arenicola*, *Hicoria*
mollissima, *Viburnum bushii*, sp. nov.

Beardslee, H.C. & Coker, W.C.

The Mycenae of North Carolina. Journ. Elisha
Mitchell Sci. Soc. 40: 49-91. pl. 6-30. Ag. 1924.
no.1-2.

Important literature: p. 51.

Couch, J.N.

Some observations on spore formation and
discharge in *Leptolegnia*, *Achlya*, and *Aphanomyces*.
Journ. Elisha Mitchell Sci. Soc. 40: 27-42.

pl. 4-5. Ag. 1924. no.1-2.

Literature cited: p. 39-40.

Benable, F.P.

The Brownian movements. Journ. Elisha
Mitchell Sci. Soc. 40: 1-7. Ag. 1924. no.1-2.

Journ. Genetics.

Andersson, I.

Structural mosaics and inheritance of variegation in *Barbarea vulgaris*. Journ. Genetics. 14: 185-195. pl.iii-viii. Ag.1924. no.2.

Collins, E.J.

Inheritance of the colour pattern of King Edward potato. Journ.Genetics, 14: 201-202. Ag. 1924. no.2.

Kelly, J.P.

Seed progeny of a potato with faintly coloured tubers. Journ. Genetics. 14: 197-199. Ag. 1924. no.2.

Watkins, A. E.

Genetic and cytological studies in wheat. I- Journ. Genetics. 14: 129-171. illus. Ag.1924. no.2.

Bibliography:p.165.

Journ. Min.Agr.Gt.Brit.

Salmon, E.S. & Ware, W.M.

Apple and pear scab. Journ. Min. Agr. Gt.Brit. 31: 546-554. plates. S.1924. no.6.

Journ. N.Y.Bot.Gard.

Hicks, H.

Ornamental shrubs. Journ.N.Y.Bot.Gard. 25: 242-247. S. 1924. no.297.

Seaver, F.J.

Destructive fungi. Journ. N.Y. Bot.Gard. 25: 253-255. S. 1924. no.297.

Small, J.K.

The silver-palm - *Coccothrinax argentea*. Journ. N.Y. Bot.Gard. 25: 237-242. pl.296-297. S.1924. no.297.

Bibliographical foot notes by J.H. Barnhart.

Stout, A.B.

Coloration in ornamental foliage plants. Journ. N.Y. Bot. Gard. 25: 248-250. S.1924. no.297.

Journ.Soc.Nat.Hort. France.

Gérôme, J.

La laitue feuille de chene et ses variations. Journ.Soc.Nat.Hort.France. IV,25: 249-250. Jl.1924.

Journ, So,African Chem. Inst.

Coligny Marchand, B. de.

Note on the colouring matter in *Polysaccum crassipes*. D.C. Journ. So.Afr.Chem. Inst. v.7, no.2. p.9-12. Jl.1924. (Rec'd S.)

Landtm. Tids. Landtm.

Arrhenius, O.

Lerslagningens växthygieniska betydelse,
Landtm. Tidskr. Landtm. 7: 671-672. illus.
S.6, 1924. no.36.

Landw. Jahrb.

Wagner, H.

Das wachstum der pflanzen und tiere. Landw.
Jahrb. 60: 89-125. J1. 1924. no.1.

Landw. Versuchsst.

Mayer, A.

Die crassulaceen-äpfelsäure. Landw.
Versuchsst. 102: 309-310. Ag. 1924. no.5-6.

Leafl. Dept. Agr. West Australia.

Carne, W.M.

The occurrence of blue mould on citrus fruits.
Leafl. Dept. Agr. West. Australia. 114. 5 p. 1923.
(Rec'd. S. 1924)

Medd. Stat. Skogsförsöksanst. Sweden.

Stålfelt, M.G.

Tallens och granens kolsyre-assimilation och
dess ekologiska betingelser. Untersuchungen zur
ökologie der kohlen säureassimilation der nadel-
bäume. Medd. Stat. Skogsförsöksanst. Sweden.
21: 181-258. 1924. no.5.

German résumé: p. 249-258.

Litteraturförteckning: p. 247-248.

Möller's Deut. Gärtn. Zeit.

Müller, R.

Kirschbaumkrankheiten. Möllers Deut.
Gärtn. Zeit. 39: 141-142. Jc. 21, 1924.
Monilia fructigena, Cytospora.

Mycologia.

Archer, W.A.

The morphological development of *Asterosporium*
hoffmanni. Mycologia. 16: 220-232. pl. 15-
16. S. 1924. no. 5.

Literature cited: p. 230.

Arthur, J.C.

Tea rusts and their aecia. Mycologia.
16: 245-251. S. 1924. no. 5.

Davis, W.H.

Summary of investigations on clover rusts.
Mycologia. 16: 203-219. illus., pl. 14. S.
1924. no. 5.

Literature cited: p. 218-219.

Uromyces hybridi, sp. nov.

Overholts, L.C.

Mycological notes for 1921-22. Mycologia.
16: 233-239. illus., pl. 17. S. 1924. no. 5.

Setchell, W.A.

Three new fungi. Mycologia. 16: 240-244.
pl. 18-19. S. 1924. no. 5.

Daleomyces gardneri, *Acrospermum candidum*,
Thecaphora ruppiae, sp. nov.

Nat. Canad.

Latour, B.

Associations vitales des champignons avec
d'autres végétaux. Nat. Canad. 51: 40-46.
Ag. 1924. no. 2.

Latour, B.

Origine des plantes cultivées. Nat. Canad.
51: 35-40. Ag. 1924. no. 2.

Nature.

Scott, D.H.

Dr. Robert Kidston, F.R.S. Nature. 114:
321-322. Ag. 30, 1924. no. 2861.

Storey, H.H.

The transmission of a new plant virus disease
by insects. Nature. 114: 245. Ag. 16, 1924.
no. 2859.

News Letter Ill. State Hort. Soc.

Ruth, W.A.

Cited papers for apple scald, News Letter
Ill. State Hort. Soc. no. 16, p. 1-2. S. 10,
1924.

Philipp. Agr.

Herbert, D.A.

Pistillody of papaya ovules. Philipp. Agr.
13: 107-108. pl. i. Ag. 1924. no. 3.
Literature cited: p. 108.

Tolentino, A.

A viability test for some tropical seeds.
Philipp. Agr. 13: 129-141. Ag. 1924. no. 3.
Bibliography: p. 135-136.

Philipp. Journ. Sci.

Lee, H.A.

Dry rot of citrus fruits caused by a *Nematospora*
species. Philipp. Journ. Sci. 24: 719-733.
illus., pl. 1-2. Je. 1924. no. 6.
References: p. 732.

Proc. Amer. Seed Trade Assoc.

Orton, W.A.

The distribution of disease-resistant, disease-
free and disinfected seed by the seed trade.
Proc. Amer. Seed Trade Assoc. 41: 63-68. 1923.
(Rec'd S. 1924).

Proc. Roy. Soc. Ser. B.

Prain, Sir D.

Sir Isaac Bayley Balfour, 1853-1922. Proc.
Roy. Soc. Ser. B. 96 (Obituary Notices): i-xvii.
port. S. 1924. no. 679.

Rapports et Comm. Off. Rur. Min. Agr. et Trav. Publ. Belgium.

Marchal, Elie.

Rapport sur l'activité de la Station de
phytopathologie de l'état durant les années
1913 à 1919. Rapports et Comm. Off. Rur. Min.
Agr. et Trav. Publ. Belgium. 12: 101-132, pl. v.
1920.

Repert. Spec. Nov. Fedde.

Becker, W.

Viola brachyphylla sp. nov. Repert. Spec.
Nov. Fedde. 20(Repert. Europ. 1:633): 73. Je.
1924. no.1/5.

Becker, W.

Violae Mexicanae et Centrali-Americanae II.
Repert. Spec. Nov. Fedde. 20: 1-12. Je. 1924.
no.1/5.

Bornmüller, J.

Zwei unbeschriebene *Onobrychis*-arten aus der
flora süd-Persiens und Assyriens. Repert. Spec.
Nov. Fedde. 20(Repert. Europ. 1: 634-636): 74-76.
Je. 1924. no.1/5.

Brand, A.

Decas specierum novarum quarta (cont.)
Repert. Spec. Nov. Fedde. 20: 46-50. Je.
1924. no.1/5.

Fedde, F.

Neue arten von *Corydalis* aus China VI.
Repert. Spec. Nov. Fedde. 20: 50-63. Je.
1924. no.1/5.

Markgraf, Fr.

Apocynaceae brasilienses, a cl. F.C. Hoehne
communicatae, determinatae, Repert. Spec. Nov.
Fedde. 20: 18-26. Je. 1924. no.1/5.

Pfeiffer, H.

Addimenta ad cognitionem generis *Lagenocarpus*
IV. Addenda et corrigenda. Repert. Spec.
Nov. Fedde. 20: 42-45. Je. 1924. no.1/5.

Pilger, R.

Beiträge zur kenntnis der gattung *Plantago*.
V. Repert. Spec. Nov. Fedde. 20: 12-16.
Je. 1924. no.1/5.

Radlkofer, L.

Sapindaceae oceanicae novae vel emendatae.
Repert. Spec. Nov. Fedde. 20: 27-42. Je. 1924.
no.1/5.

Ronniger, K.

Thymus praecox Copiz subsp. (nov.) *filicaulis* Ronn.
et Bornm. e flora Thuringiaca. Repert. Spec. Nov.
Fedde. 20(Repert. Europ. 1: 626-627.): 66-67.
Je. 1924. no.1/5.

Schulz, C.E.

Schivereckia korabensis in den Ostalpen.
(Ergänzungen) Repert. Spec. Nov. Fedde. 20:
(Repert. Europ. 1:625-626): 65-66. Je. 1924.
no.1/5.

Smith, H.

Zwei neue *Saxifraga*-arten aus dem Himalaya.
Repert. Spec. Nov. Fedde. 20: 16-17. Je. 1924.
no.1/5.

Saxifraga engleriana, *S. exigua*, nov. spec.

Repert.Spec.Nov.Fedde. (cont.)

Wolff, H.

Umbelliferae novae Asiae minoris. I-

Repert.Spec.Nov.Fedde. 20 (Repert.Europ.1;
527-629): 67-69. Je. 1924. no.1/5.

Rep. Director Vet.Educ.& Res.Dept.Agr.So.Africa.

Evans, I.B.P.

"Gouwziekte" veld: its vegetation and
flora. Rep. Director Vet. Educ. & Res. Dept. Agr.
So. Africa. 9/10, p.109-119. pl.i-iv. 1924.
Vangueria pygmaea the cause of "gouwziekte."

Green, H.H. & Andrews, W.H.

The toxicity of *Adenia digitata* Burtt-Davy
(*Modecca digitata* Harv.) Rep. Director Vet.
Educ. & Res. Dept. Agr. So. Africa 9/10. p.381-
392. 1924.

Rev. Gén. Sci.

Beauverie, J.

Le blé dans le monde. Rev. Gén. Sci.
35: 454-462. Ag. 30, 1924. no.15-16

Dufrenoy, J.

La cellule géante chez les végétaux. Rev.
Gen. Sci. 35: 467-472. illus. Ag. 30, 1924.
no.15-16.

Rev.Path.Veg. & Entom. Agr.

Arnaud, G. & Arnaud, Mme.G.

Trois Ascochyte nouveaux ou peu connus.
Rev.Path. Vég. & Entom. Agr. 11: 56-59. Ja.-
Mr. 1924. (Rec'd.) no.1.

Ascochyta caricae, *Ascochyta syringae*,
Ascochyta hydrangeae, nov.sp.

Ayoutantis, A.

Note sur la gale poudreuse de la pomme de
terre due au *Spongospora subterranea* (Wallr.)
T.Johnson. Rev.Path. Vég. & Entom. Agr.
11: 60-66. plates. Ja.-Mr. 1924 (Rec'd S.)
no.1.

Bibliographie: p.66.

Beauverie, J.

Échelle de sensibilité des blés à la rouille
jaune *Puccinia glumarum* en 1923. - Station de
selection de la 7^e région, à Lafont, près de
Riom (Puy-de-Dôme). Rev.Path. Vég. & Entom.
Agr. 11: 26-28. Ja.-Mr. 1924 (Rec'd S.) no.1.

Beauverie, J.

Notes pour l'étude internationale des rouilles
du blé. Rev.Path. Vég. & Entom. Agr. 11: 29-
31. Ja.-Mr. 1924 (Rec'd S.) no.1.

Cavadas, D.S.

Sur des tubercules de pommes de terre attaqués
par le *Micrococcus prodigiosus*. Rev.Path. Vég.
& Entom. Agr. 11: 19-20. Ja.-Mr. 1924 (Rec'd S.)
no.1.

Rev.Path.Veg.& Entom. Agr. (cont.)

Foex, E.

Quelques observations sur les conditions qui favorisent le développement et l'extension des rouilles des céréales. Rev.Path. Vég. & Entom. Agr. 11: 32-41. Jan.-Mr. 1924 (Rec'd S.) no.1.

Magrou, J.

Tumeurs expérimentales dues au Bacterium tumefaciens. Rev.Path. Vég. & Entom. Agr. 11: 73-77. Jan.-Mr. 1924 (Rec'd S.) no.1.

Weiss, F.

Deux ans d'essais de culture de quelques variétés françaises de pommes de terre en terrain contaminé par le Synchytrium endobioticum, à Freedland (Pennsylvanie). Rev.Path. Veg. & Entom. Agr. 11: 93-98. Jan.-Mr. 1924. (Rec'd S.) no.1.

Rhod. Agr. Journ.

Eyles, F.

Plant diseases. Mycology: its scope and limits. Notes on first year's work. Rhodesia Agr. Journ. 21: 441-444. Ag. 1924. no.4.

Riv. Patol. Veg.

Cavara, F.

Di una infezione crittogemica del lupino Mastigosporium lupini (Sor.) Cavara. Riv. Patol. Veg. 14: 13-16. F.1924 (Rec'd S.) no.1-2.

Ciferri, R.

Ancora sul marciume delle mele cotogne. Riv. Patol. Veg. 14: 77-92. Je. 1924. no.5-6.
Lavori citati: p.91-92.
Penicillium malivorum, n.sp.

Ciferri, R.

Una ruggine della "Centaurea macrocephala" Puschk. Riv. Patol. Veg. 14: 41-49. Ap.1924. (Rec'd S.1924) no.3-4.
Bibliografia: p.45-49.

Ciferri, R.

Su due malattie di piante da serra. Riv. Patol. Veg. 14: 50-58. Ap. 1924. no.3-4.
Bibliografia: p.53,55.

Preti, G.

Intorno ad una malattia del "Chrysanthemum frutescens" Tumb. Riv. Patol. Veg. 14: 6-12. F.1924. no.1-2.
Bibliografia: p.12.

Science,

Pineapples and iron. Science. 60(Suppl.)
x. S.12,1924. no.1550.

Schmitz, H.

Preliminary note concerning physiological specialization in Fomes pinicola Fr. Science. 6: 248-249. S.12, 1924. no.1550.

Science(cont.)

Wieland, G.R.

Recent achievements in paleobotany. Science.
60: 233-235. S.12, 1924. no.1550.

Scient. Agr.

Gowan, J.W.

The application of the science of genetics to
the farmers' problems. Scient. Agr. 5: 1-12.
S. 1924. no.1

Literature cited: p.11-12.

Kraus, E.J.

Studies in nutrition as guides in horticultural
practice. Scient. Agr. 5: 18-21. S.1924.
no.1.

Russell, Sir J.

Present day problems in crop production. Scient.
Agr. 5: 28-36. S.1924. no.1.

Skogs Fören. Tidskr.

Melin, E.

Barrträdens mykorrhizasvampar och deras
betydelse för trädens trivsel. Skogs Fören.
Tidskr. 22: 197-221. illus. Je.-Jl.1924.
no.6-7.

Tijdschr. Plantenz.

Bos, H.

Het af- en insterven van bomen. Tijdschr.
Plantenz. 30: 132-142. Ag. 1924. no.8.

U.S. Dept. Agr. Bull.

Bates, C.G. & Roeser, J.

Relative resistance of tree seedlings to exces-
sive heat. U.S. Dept. Agr. Bull. 1263. 16 p.
S.3, 1924.

Literature cited: p.16.

Stuart, W., Lombard, P.M., Vosbury, M.C., Corder,
G., Edmundson, W.C., Clark, C.F. & Dewey, G.W.

Size of potato sets: comparisons of whole and
cut seed. U.S. Dept. Agr. Bull. 1248. 43 p.
S.8, 1924.

Literature cited: p.38-43.

U.S. Dept. Agr. Circ.

Doelittle, S.P.

Control of cucumber mosaic in the greenhouse.
U.S. Dept. Agr. Circ. 321. 5 p. pl. i-ii. Jl.
1924 (Rec'd S.)

U.S. Dept. Agr. Plant disease Report.

Haskell, R.J.

Diseases of cereal and forage crops in the United
States in 1923. U.S. Dept. Agr. Plant Dis. Rep. Suppl.
35. S.1, 1924.

Vict. Nat.

Tadgell, A.J.

Mount Bogong and its flora. Vict. Nat. 41:
56-80. Ag. 1924. no. 4.

Vie Agr. et Rur.

Le grillage des feuilles de pomme de terre.
Vie Agr. et Rur. 25: 133. Ag. 30, 1924.
no. 35.

Wiener Landw. Zeit.

Roeck, G.

Die rolle der immunitätszüchtung im
modernen pflanzenschutz. (concl.) Wiener
Landw. Zeit. 74: 280-281. Ag. 23, 1924.
no. 67/68.

Zeitschr. Bot.

Walter, H.

Plasmaquelle und wachstum. Zeitschr.
Bot. 16: 353-417. 1924. no. 7.
Literaturnachweis: p. 415-417.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Brunswik, H.

Experimentelle untersuchungen über die
sexualität der basidiomyzetengattung Coprinus.
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 33:
257-258. 1924.

Brunswik, H.

Neuere untersuchungen über die sexualitätsver-
hältnisse bei den pilzen. Zeitschr. Indukt.
Abstamm. u. Vererbungsl. 34: 214-228. 1924. no. 3.
I. Mucorineen.- II. Ustilagineen.- III.
Basidiomyzeten.

Hagedoorn, A.C. & Hagedoorn, A.L.

Parthenogenesis in Cucurbita. Zeitschr.
Indukt. Abstamm. u. Vererbungsl. 34: 186-213. illus.
1924. no. 3.
Bibliography: p. 213.

Laibach, F.

Frucht- und samenbildung bei heterostylen
Limn.-arten. Zeitschr. Indukt. Abstamm. u.
Vererbungsl. 33: 267-268. 1924.

Lehmann, E.

Neuere vererbungsversuche mit Epilobien und
ihr. verhältnis zu den Oenotheraproblemen.
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 33:
263-265. 1924.

Oehlkens, F.

Ueber oenotherenkreuzungen. Zeitschr.
Indukt. Abstamm. u. Vererbungsl. 33: 265-266.
1924.

Zeitschr. Indukt. Abstamm. u. Vererbungsl. (cont.)

Philipschenko, Jur.

Studien über variabilität. 4. Ueber die
variabilität der embryonen. Zeitschr. Indukt.
Abstamm. u. Vererbungsl. 34: 121-133. illus.
1924. no.1/2.

Pisum sativum.

Renner, O.

Vererbung bei artbastarden. Zeitschr.
Indukt. Abstamm. u. Vererbungsl. 33: 317-347. 1924.
Zitierte literatur: p.345-347.

Schweinfurth, J.

Zur kenntnis der reziproken bastarde zwischen
Epilobium parviflorum und *roseum*. Zeitschr.
Indukt. Abstamm. u. Vererbungsl. 34: 145-185.
illus. 1924. no.3.

Literaturverzeichnis: p.185.

Epilobium rigidum, *E. curvatum*.

Wettstein, F. von.

Gattungskreuzungen bei moosen. Zeitschr.
Indukt. Abstamm. u. Vererbungsl. 33: 253-257.
1924.

Wettstein, F. von.

Morphologie und physiologie des formwechsels
der moose auf genetischer grundlage. I-
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 33:
1-236. illus., pl.i-xii. 1924.

Literaturverzeichnis: p.228-231

Winkler, H.

Ueber die rolle von kern und protoplasma bei
der vererbung. Zeitschr. Indukt. Abstamm. u.
Vererbungsl. 33: 238-253. 1924.

Zeitschr. Pflanzenkr.

Arrhenius, O.

Untersuchungen über den zusammenhang von
gelbrostresistenz und der aktuellen und
potentiellen azidität des zellsaftes und der
gewebe. Zeitschr. Pflanzenkr. 34:97-101.
1924. no.3/4.

Literatur: p.101.

Ross, H.

Ueber die pfefferminzen und deren befall durch
den rostpilz *Puccinia menthae* Pers. Zeitschr.
Pflanzenkr. 34: 101-107. 1924. no.3/4.

Zeitschr. Sukkulent.

Söhrens, J.

Echinocactus leucotrichus Phil. Zeitschr.
Sukkulent. 1924, p.174-175. illus. Ag.15, 1924.
no.13.

Weingart, W.

Bau und funktion von kakteenstacheln. (cont.)
Zeitschr. Sukkulent. 1924, p.161-167. illus.
Ag.15, 1924. no.13.

Země d. Zprávy.

Stráňák, Fr.

Ochrana obilí proti chorobám mořením osiva.

Zeměd. Zprávy. 1924, no.15. p.6-9. Ser.,
1924.

Exper. Stat. Publ.

Burger, O.F.

Report of plant pathologist for the year
ending Je.30, 1923. Rep. Florida Agr. Exp.
Stat. 1922/23. p.52R-102R. 1923?

Diseases of plants reported this year:
p.65R-102R.

Tisdale, W.H.

Tobacco disease investigations. In his Report
of the Tobacco experiment Station. Rep Florida
Agr. Exp. Stat. 1922/23. p.128R-139R. illus.
1923?

State Publications.

McCubbin, W.A.

Peach yellows and little peach. Bull. Penn.
Dept. Agr. 382. (v.7, no.3) 16 p. illus. Mr.
1924 (Rec'd Sept.)

New Books.

Drayton, F.L.

Survey of the prevalence of plant diseases in the
Dominion of Canada. 1923. 4th annual report. (1924)
Mimeographed.

Germany. Biologische reichsanstalt für land-
und wirtschaft,

Bibliographie der pflanzenschutz-literatur
das jahr 1923. 176 p. Berlin, 1924.

González Fragoso, R.

Flora ibérica. Uredales... tomo I. Género
Puccinia. Madrid, 1924.

Lecomte, H.

Flore générale de l'Indo-Chine. v.2, no.9,
v.3, no.3. illus. Paris, 1923-1924.

v.2, no.9. Umbellifères par H Chermeson;
Araliacées, par R.Viguiier; Cornacées, par
F.Evrard - v.3, no.3. Rubiacées (cont.) par
J. Pitard.

Macseif, A.J.

Grass... London, 1924.

Meylan, C.

Les hépatiques de la Suisse. Zurich, 1924.
318 p. (Beiträge zur kryptogamenflora der
Schweiz. v.6, no.1)
Liste des ouvrages en rapport avec la flore
hépatologique de la suisse: p.11-14.

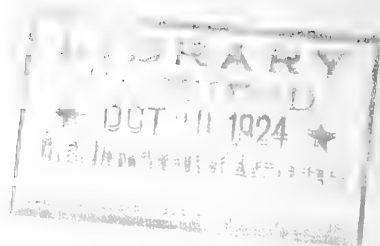
Nederlandsche Nieuw-Guinea-expeditie.

Nova Guinea. Résultats de l'expédition
scientifiques à la Nouvelle Guinea... v.14
(Bot.), no.1. pl.i-xviii. Leiden, 1924.

Ramsbottom, J.

A handbook of the larger British fungi.
London, 1923.

Library, Bureau of Plant Industry.
Current Author Entries, 1924, no.145.
Sept.22 - Oct.4, 1924.



Agr. Gaz. N.S.W.

Manuel, H.L.

Root knot in the vineyard. Agr.Gaz. N.S.W.
35: 581-588. illus. Ag.1924. no.8.

Mills, H.A. & Brereton, W. le G.

Control of "black spot" of apple. A record of
the Department's experiments with sprays. Agr.
Gaz. N.S.W. 35: 591-596. Ag. 1924. no.8.

Agr. Nouvelle.

Larue, P.

La destruction des mauvaises herbes. Pour venir
a bout du chiendent. Agr. Nouvelle. 34: 520-522.
illus. S.13, 1924. no.1426.
Quack grass.

Amer. Fern Journ.

Bailey, S.W.

Asplenium montanum in Massachusetts. Amer. Fern
Journ. 14: 92-94. illus. Jl.-S. 1924. no.3.

Benedict, R.C.

Problems in the study of the spinulose ferns.
Amer Fern Journ. 14: 69-74. Jl.-S. 1924. no.3.

Clarkson, E.H.

Dryopteris dilatata, var.americana in eastern
Massachusetts. Amer. Fern Journ. 14: 67-69.
Jl.-S. 1924. no.3.

Corne, F.E.

Ferns - Facts and fancies about them II. Amer.
Fern Journ. 14: 77-82. Jl.-S.1924. no.3.

The herbarium of George E.Davenport. Amer. Fern
Journ. 14: 94-95. Jl.-S.1924. no.3.

Maxon, W.R.

Two new ferns from the Dominican Republic.
Amer. Fern Journ. 14: 74-76. Jl.-S.1924. no.3.
Elaphoglossum hispaniolicum, Diplazium also-
philum, sp.nov.

Rugg, H.G.

Botanizing on Mount Ktaadn. Amer. Fern Journ.
14: 82-85. Jl.-S.1924. no.3.

Taylor, A.M.

Some pteridophytes of the western Catskills.
Amer. Fern Journ. 14: 85-88. Jl.-S.1924. no.3.

Weatherby, U.F.

Asplenium platyneuron, var.incisum in
Connecticut. Amer. Fern Journ. 14: 96-97.
Jl.-S.1924. no.3.

Weatherby, C.A.

The earliest record of proliferous ebony spleen-
wort. Amer. Fern Journ. 14: 95-96. Jl.-S. 1924.
no.3.

Asplenium ebeneum var.proliferum.

Amer. Flor.

- L , B. F.
Levulose. Amer. Flor. 63: 486. S.20,
1924. no. 1894.
Levulose manufactured from Jerusalem artichokes
and dahlias at the Bureau of Standards.

Amer. For. & For. Life.

- Muenschler, W.C.
A sequoia tree far from its home. Amer. For.
& For. Life. 30: 617. illus. O.1924. no.370.
Near Aurora, N.Y.

Payne, I.W.

- Our ornamental mountain laurel. Amer. For. &
For. Life. 30: 600-602. illus. O.1924. no.370.

Ranck, G.

- Vancouver's historic apple tree. Amer. For. &
For. Life. 30: 607. illus. O. 1924. no. 370.

Snyder, F.D.

- Some trees worth knowing. Amer. For. & For.
Life. 30: 604-606. illus. O.1924. no.370;
Banyan, two unique specimens in U.S., one near
Miami, Fla., one at Key West.

Amer. Midl. Nat.

- Bush, B.F.
A new Viburnum. Amer. Midl. Nat. 9: 192-194.
Jl.1924. no.4.
Biburnum ashei (Bush, n.sp.)

Holm, T.

- Euphorbia marilandica Greene. Amer. Midl. Nat.
9: 149-175. illus. Jl.1924. no.4.
Bibliography: p.174.

Ann. Mus. Colon. Marseille.

- Choux, Pierre.
Nouvelles études biologiques sur les asclépiada-
cées de Madagascar. Ann. Mus. Colon. Marseille.
31(2): 551. iv pl. 1923.

Clot, G.

- Quelques graines oléagineuses des colonies fran-
çaises. Ann. Mus. Colon. Marseille 31(2): 53-
62. 1923.

Ann. Natal Mus.

- Warren, E.
A bud-variation in a cultivated Pelargonium.
Ann. Natal Mus. 5: 45-53. illus., pl. iii. 1923.
(Rec'd S. 1924)

Ann. Transvaal Mus.

- Schlechter, R.
Contributions to South African orchideology.
Ann. Transvaal Mus. 10: 233-252. S. 1924. no.4.

Arch. Rubbercult. Nederl.-Ind.

Bobilioff, W.

De invloed van het voedingsmilieu op de
ontwikkeling van Hevea. Arch. Rubbercult.
Nederl.-Ind. 8: 534-543. plate. Ag.1924.
no.8

English summary (The influence of the nutriment-
sphere on the development of Hevea.): p.543.

Better Homes & Gard.

Gregory, C.T.

Is it a toadstool or a mushroom? Better Homes
& Gard. v.3, no.2. p.14-15, 34. illus. O.1924.

Biochem. Zeitschr.

Adowa, A.N.

Zur frage nach den fermenten von Utricularia
vulgaris I- Biochem. Zeitschr. 150: 101-107.
Jl. 1924. no.1/2.

Chrzęszcz, T.

Die dextrinierende kraft der malzamylyase
verschiedener getreidearten und einige beobach-
tungen über die reaktivierung der durch hohe
temperatur inaktivierten amylyase. Biochem. Zeitschr.
150: 60-92. Jl. 1924. no.1/2.

Iwanoff, N.N.

Absorption des harnstoffs durch pilze. Bio-
chem. Zeitschr. 150: 115-122. Jl. 1924. no.1/2.

Seubert, E.

Ueber chemotropismus bei Avena. Biochem.
Zeitschr. 150: 93-100. Jl. 1924. no.1/2.

Biol. Zentralbl.

Funaoka, S.

Beiträge zur kenntnis der anatomie panaschier-
ter blätter. Biol. Zentralbl. 44: 343-384.
illus. Jl. 1924. no.7.

Bol. Agr. São Paulo.

Granato, L.

O girasol. Sua cultura e exploração industrial.
Bol. Agr. São Paulo. 24: 47-61, 95-113. F.-Mr.
1924. (Rec'd S.1924.) no.2-3.

Bol. Agr. Tecn. & Econ. Spain.

García López, A.

La apoplejia de la vid o enfermedad del "Esca"
(concl.) Bol. Agr. Técn. y Econ. Spain. 16:
721-739. illus. Ag.1924. no.188.
Bibliografia: p.738-739.

Bot. Gaz.

Bose, S.R.

Three new species of Bengal Polyporaceae.
Bot. Gaz. 78: 119-121. illus. S.1924. no.1.
Polyporus guhae, Trametes kariii, Favolus
Bengala, sp.nov.

Campbell, E.G.

Nitrogen content of weeds. Bot. Gaz. 78:
103-115. S.1924. no.1.

Bot.Gaz. (cont.)

Holroyd, P.

Morphology and physiology of the axis in Cucurbitaceae. Bot. Gaz. 78: 1-45. illus., pl.i-iii. S.1924. no.1. Literature cited:p.42-43.

Lisk, H.

Cellular structure of tendrils. Bot. Gaz. 78: 85-102. illus. S.1924. no.1. Literature cited: p.102.

Maneval, W.E.

A method of securing spores of yeast. Bot. Gaz. 78: 122-123. S.1924. no.1.

Rhine, L.E.

Divergence of catalase and respiration in germination. Bot. Gaz. 78: 46-67. illus. S. 1924. no.1. Literature cited: p.65-67.

Robertson, C.

Flowers and insects. XXIII. Bot. Gaz. 78: 68-84. S.1924. no.1. Literature cited: p.83-84.

Round, E.

Correlation of fossil floras of Rhode Island and New Brunswick. Bot. Gaz. 78: 116-118. illus. S.1924. no.1. Literature cited: p.118.

Bot.Jahrb.Engl.

Bornmüller, J.

Beiträge zur flora mazedoniens. Sammlungen in den kriegsjahren 1916-1918. Bot. Jahrb.Engl. 59: 294-304, 305-368. My., Ag. 1924. no.2,3.

Engler, A.

Eine neue baumartige Dracaena aus dem guineesischen Afrika. Bot. Jahrb.Engl. v.59, Beiblatt. p.19-21. My. 1924. no.2. Dracaena bueana, n.sp.

Herzog, T.

Die moose der verlandungsformationen der hochandinen glazialseen. Bot. Jahrb. Engl. v.59. Beiblatt. p.14-18. My.1924. no.2.

Mansfeld, R.

Vorarbeiten zu einer monographie der gattung Ligustrum. Bot.Jahrb. Engl. v.59 (Beiblatt no. 132 p.19-75) Ag.1924. no.3.

Fax, F.

Die schlesischen lieracien. Bot.Jahrb. Engl. v.59 (Beiblatt no.132. p.1-18) Ag. 1924. no.3.

Literatur: p.18.

Bot. Jahrb. Engl. (cont.)

Mattfeld, J.

Die grundlage und das wesen des "Age and area"
und des "Size and space" gesetzes von Willis.

Bot. Jahrb. Engl. 59: 183-197. My. 1924. no.2.

Literaturverzeichnis: p.197.

Pax, F.

Die phylogenie der Euphorbiaceae. (concl.)

Bot. Jahrb. Engl. 59: 177-182. My. 1924. no.2.

Schellenberg, G.

Die connaraceen von Borneo. Bot. Jahrb.

Engl. v.59, Beiblatt, p.22-41. My. 1924.

no.2.

Schurhoif, P.N.

Die haploidgeneration der blütenpflanzen
(siphonogamen embryophyten.) Bot. Jahrb. Engl.

59: 198-293. My. 1924. no.2.

Literaturverzeichnis: p.255-285.

Schwertschlager, J.

Die rosen bayerns. Bot. Jahrb. Engl.

v.59, Beiblatt. p.1-13. My. 1924. no.2.

Bryologist.

Bartram, E.B.

Two new Grimmias from Arizona. Bryologist.

27: 60-64. illus. Jl. 1924. no.4.

Grimmia santa-ritae, Grimmia catalinensis, sp.
nov.

Bartram, E.B.

A variety of Grimmia anodon. Bryologist.

27: 59. Jl. 1924. no.4.

Grimmia anodon var. anomala, var. nov.

Britton, E.G.

The mosses of El Yunque. Bryologist. 27:

64-65. Jl. 1924. no. 4.

Lowe, R.L.

Collecting mosses on Mt. Katahdin, Maine.

Bryologist. 27: 57-59. Jl. 1924. no.4.

Williams, R.S.

Note on Galapagos and Cocos Island mosses.

Bryologist. 27: 65. Jl. 1924. no.4.

Three species accidentally omitted from
article in May number.

Bull. Soc. Roy. Bot. Belg.

Grégoire, V.

L'organogénèse de l'ovaire et la déhiscence du
fruit. Bull. Soc. Roy. Bot. Belg. 56: 134-140.

illus. 1924. no.2.

Hennen, M.J.

A propos de Desmatodon cernuus Br. Eur. Bull.

Soc. Roy. Bot. Belg. 56: 164-165. 1924. no.2.

Bull. Soc. Roy. Bot. Belg. (cont.)

Magnei, L.

Notes phytogéographiques. Bull. Soc. Roy. Bot. Belg. 56: 161-163. 1924. no.2.

I. Découverte en Belgique du "Potamogeton zizii, M. et K." II. Une nouvelle station du "Lathyrus palustris L." III. Notes diverses.

Naveau, R

Notice sur la distribution de certains cryptogames. Bull. Soc. Roy. Bot. Belg. 56: 185-190. 1924. no.2.

Van Oye, Paul.

Biologie et écologie du phytoplancton d'un lac tropical. Bull. Soc. Roy. Bot. Belg. 56: 166-184. 1924. no.2.

Van Oye, P.

Note sur l'*Euglena acus* Ehrenberg. Bull. Soc. Roy. Bot. Belg. 56: 124-132. illus. 1924. no.2.

Verhulst, A.

Essai de phytostatique en jurassique Belge. III. Etude spéciale du Virtonien et du Sinémurien. Bull. Soc. Roy. Bot. Belg. 56: 99-123. 1924. no.2.

Bull. So. Calif. Acad. Sci.

Davidson, A.

Calochortus lanternus n.sp. and *Allium grandisceptra* n.sp. Bull. So. Calif. Acad. Sci. 23: 126. Jl.-Ag. 1924. no.4.

Munz, P.A.

Southern California plant notes II. Bull. So. Calif. Acad. Sci. 23: 127-132. Jl.-Ag. 1924. no.4.

Bull. Torr. Club.

Rydberg, P.A.

Some senecioid genera I- Bull. Torrey Bot. Club. 51: 369-378. S.1924. no.9.

Psacalium, *Pericalia*, *Mesadenia angustifolia*.

Small, J.K.

Plant novelties from Florida. Bull. Torrey Bot. Club. 51: 379-393. S. 1924. no.9.

Citrus Indust.

Dade, R.H.F.

The control of citrus insects and diseases. Citrus Industr. v.5, no.9. p.26. S.1924.

Hunt, C.M.

Spraying to produce quality fruit. Citrus Indust. v.5, no.9. p.5-8. S.1924.

Compt. Rend. Acad. Sci. Paris.

Camus, A.

Genres nouveaux de bambusées malgaches. Compt. Rend. Acad. Sci. Paris. 179: 478-480. S.1,1924. no.9
Pseudococix perrieri, *Hickelia madagascariensis*,
nov.sp.

Compt. Rend. Acad. Sci. Paris(cont.)

Jumelle, H.

Les *Neodypsis*, palmiers de Madagascar. Compt.
Rend. Acad. Sci. Paris. 179: 448-450. S.1, 1924.
no.9.

Maire, R.

La végétation alpine du Grand Atlas marocain.
Compt. Rend. Acad. Sci. Paris. 179: 489-493. S.8,
1924. no.10.

Picard, F.

Observations sur la solubilité des tanins et
leur extraction chez les végétaux. Compt. Rend.
Acad. Sci. Paris. 179: 480-483. S.1, 1924.
no.9.

Compt. Rend. Soc. Phys. & Hist. Nat. Genève.

Chodat, R.

La caryocinèse et la réduction chromatique
observées sur le vivant. Compt. Rend. Soc. Phys.
& Hist. Nat. Genève. 41: 96-99. Ap.-Jl. 1924.
no.2.

Chodat, R. & Chodat, L.

Les gonidies des lichens et la lichénine.
Compt. Rend. Soc. Phys. & Hist. Nat. Genève. 41:
74-76. Ap.-Jl. 1924. no.2.

Chodat, R., Ross, J.W. & Philia,

Sur la spécificité des amidons. Compt.
Rend. Soc. Phys. & Hist. Nat. Genève. 41: 122-126.
Ap.-Jl. 1924. no.2.

Contr. Bot. Cluj, Roumanie.

Borza, Al.

Contributii la cuncasterea vegetatiei si florei
Insulei Șerpilor. Contr. Bot. Cluj. 1: 49-68.
iii pl. Je. 1924. no.5.

Contribution à la connaissance de la végétation
et de la flore de l'île des Serpents dans la Mer
Noire (French résumé: p. 66-68.)

Chirițescu-Arva, M.

Un cas de monstruosité de l'épi du seigle.
Contr. Bot. Cluj. 1: 78-80. illus. Je. 1924. no.5.

Grințescu, I. & Antonescu, G.P.

Contribution à l'étude du mélèze des Carpathes
Contr. Bot. Cluj. 1: 69-77. Je. 1924. no.5.

Olarin, P.A.

Rolul manganozului in agricultura. Contr.
Bot. Cluj. 1: 201-214. My. 1922. no.2. (Rec'd. 1924)

"Cette note este le compte-rendu d'un mémoire
publié en française sous le titre: Rôle du manganèse
en agriculture, son influence sur quelques microbes
du sol." Paris, 1920.

Contr.Gray Herb.

Johnston, I.M.

New plants of Portuguese West Africa collected
by Mrs. Richard C. Curtis. Contr.Gray Herb. 73:
31-40. pl.1-2. S. 1924.

Johnston, I.M.

On some South American Proteaceae. Contr.
Gray Herb 73: 41-42. S. 1924.

Johnston, I.M.

Studies in the Boraginaceae III. Contr.
Gray Herb. 73: 42-78. S.1924.

1. The Old World genera of the Boraginoideae.
2. Notes on miscellaneous American Boraginaceae.

Robinson, B.L.

Records preliminary to a general treatment
of the Eupatorieae IV. Contr.Gray Herb. 73: 3-
31. S. 1924.

Country Life.

Osborn, A.

The beauty of rose hips. Country Life.
56: 444-445. illus. S.20, 1924. no.1445.

Osborn, A.

Evergreen oaks. Country Life. 56: 409-
410. illus. S.13, 1924. no.1445.

Ernähr. Pflanz.

Merkenschlager, F.

Zur charakteristik der senfplanze, Ernähr.
Pflanz. 20: 129-132. illus. S.15, 1924. no.18.
Literatur: p.132.

Floralia

Schenk, P.J.

De iepenziekte. Floralia. 45: 588-590.
illus. S.12, 1924. no.37.

Schenk, P.J.

En monstreuse tulp. Floralia. 45: 604.
illus. S.19, 1924. no.38.

Flow. Grow.

Berbert-Hammond, B.

The evolution of the dahlia. Flow. Grow.
11: 417. O.1924. no.10.

Koch, F.J.

Is, there any limit to the life of a seed?
Flow.Grow. 11: 379-381. illus. O.1924. no.10.

Kunderd, A.E.

The gladiolus, its importance, care and future.
Flow. Grow. 11: 411-412. O.1924. no.10.

Robinson, C.H.

Orchids of the sand dunes. Flow.Grow. 11:
391-393. illus. O.1924. no.10.

Flow. Grow. (cont.)

Shreve, R.W.

Native irises of the Ozarks. Flow.Grow.
11: 385-386. O. 1924. no.10.

Garden.

Cockayne, L.

New Zealand plants for the British Isles.
(cont.) Garden. 38: 632-633. illus.
S.13, 1924. no. 2756.

Cox, E.H.M.

Seeds and plants from overseas II. Garden.
38: 628. S.13, 1924. no.2756.

Gard. Chron.

Imperial botanical conference (cont.) Gard.
Chron. III,76: 185-186. S.13, 1924. no.1968.

Gard. Illus.

Greenwich park: its history and its flower garden.
Gard. Illus. 46: 558-559. illus. S.13, 1924.
no.2375.

Gard.Mag. & Home Builder.

Jacob, J.

Do you know your tulips? Gard. Mag. & Home
Builder. 40: 118-121. illus. O.1924. no.2.

Genetics.

Danforth, C.H..

The value of unilateral variations in man.
Genetics. 9: 199-211. My, 1924 (Rec'd S.) no.3
Literature cited: p.210-211.

Detlefsen, J.A. & Clemente, L.S.

Linkage of a dilute color factor and dark-eye
in mice. Genetics. 9: 247-260. My.1924. (Rec'd S.)
no.3.

Literature cited: p.260.

Malloch, W.S. & Mallech, F.W.

Species crosses in Nicotiana, with particular
reference to *N. longiflora* x *N. tabacum*, *N.*
longiflora x *N. sanderae*, *N. tabacum* x *N. glauca*.
Genetics. 9: 261-291. My.1924 (Rec'd S.) no.3.
Literature cited: p.290-291.

Uphof, J.C.Th.

On Mendelian factors in radishes. Genetics.
9: 292-304. illus. My.1924 (Rec'd S.) no.3.
Literature cited: p.304.

Waldron, L.R.

A study of dwarfness in wheat accompanied by
unexpected ratios. Genetics. 9: 212-246.
illus. My.1924 (Rec'd S.) no.3.
Literature cited: p.245-246.

Hoppe-Seyl. Zeitschr. Phys. Chem.

Josephson, K.

Zur kenntnis des rohrzuckerspaltenden enzyms
in *Aspergillus flavus*. Hoppe-Seyl. Zeitschr. Phys.
Chem. 138: 144-147. Ag. 1924. no. 3-6.

Schmalzfuss, H. & Keitel, K.

Vorarbeiten für den nachweis von säuren in
pflanzen. II. Ueber pflanzensäuren aus glaucium
und über dessen blütenfarbstoffe. Hoppe-Seyl.
Zeitschr. Phys. Chem. 138: 156-163. illus. Ag.
1924. no. 3-6.

Willstätter, R.

Ueber die aktivierung des papains durch
blausäure. Erste abhandlung über pflanzliche
proteasen. Hoppe-Seyl. Zeitschr. Phys. Chem.
138: 184-215. Ag. 1924. no. 3-6.

House & Gard.

Ebbersol, M.

Native plants in Texas gardens. House &
Gard. v. 46, no. 4. p. 83, 140. illus. O. 1924.

Forestier, J.C.M.

The gardens of France. House & Gard. v. 46,
no. 4. p. 58-63, 150, 154, 156. illus. O. 1924.

Frazer, S.

Filberts and other nuts. House & Gard. v. 46,
no. 4. p. 97, 110, 114, 116. illus. O. 1924.

Mardfin, E.

Evergreens for flowering. House & Gard.
v. 46, no. 4. p. 84-85, 156, 158, 162. illus. O.
1924.

Wilson, E.H.

Green carpets for various grounds. House &
Gard. v. 46, no. 4. p. 66-67, 106, 108, 110. illus.
O. 1924.

Intern. Sugar Journ.

Barber, C.A.

Experimental agriculture in Jamaica. The
campaign against mosaic. Intern. Sugar Journ.
26: 474-476. S. 1924. no. 309.

Barber, C.A.

The present position as regards mosaic in
Cuba. Intern. Sugar Journ. 26: 469-473. S.
1924. no. 309.

Journ. Agr. Prat.

Mottet, S.

Les légumineuses fourragères (concl.)
Journ. Agr. Prat. 42: 194-196, 214-216. col. pl.
S. 6, 13, 1924. no. 36, 37.

Journ. Agr. Res.

Carsner, E. & Stahl, C.F.

Studies on curly-top disease of the sugar beet.
Journ. Agr. Res. 28: 297-320. pl. 1-5. Ap. 26, 1924
(Rec'd S.) no. 4.

Literature cited: p. 318-319.

Journ. Agr. Res. (cont.)

Demaree, J.E.

Pecan scab with special reference to sources of the early spring infections. Journ. Agr. Res. 28: 321-330. pl.1-2. Ap.26, 1924 (Rec'd S.) no.4.

Godfrey, G.H.

Dissemination of the stem and bulb infesting nematode, *Tylenchus dipsaci*, in the seeds of certain composites. Journ. Agr. Res. 28: 473-478. pl.1-3. My. 3, 1924 (Rec'd O.) no.5.
Literature cited: p.478.

Leonard, L.T.

Effect of moisture on a seed-borne bean disease. Journ. Agr. Res. 28: 489-497. My. 3, 1924 (Rec'd O.) no.5.
Literature cited: p.496-497.

McClelland, T.B.

The photoperiodism of *Tephrosia candida*. Journ. Agr. Res. 28: 445-460. pl.1-4. My. 3, 1924. no.5. (Rec'd O.)

Rose, D.H.

Leather rot of strawberries. Journ. Agr. Res. 28: 357-376. pl.1-2. Ap.26, 1924 (Rec'd S.) no.4.
Literatur cited: p.374-375.

Sewell, M.C.

Relation of the molecular proportions in the nutrient solution to the growth of wheat. Journ. Agr. Res. 28: 387-393. Ap.26, 1924. (Rec'd S.) no.4.

Journ. Biol. Chem.

Bodansky, A.

A study of a milk-coagulating enzyme of *Solanum elaeagnifolium*. Journ. Biol. Chem. 61: 365-375. S.1924. no.2.
Bibliography: p.375.

Chibnall, A.C.

Spinacin, a new protein from spinach leaves. Journ. Biol. Chem. 61: 303-303. S.1924. no.2.

Journ. Dept. Agr. Victoria.

Richardson, A.E.V.

Treatment of seed for bunt or stinking smut (*Tilletia tritici*) In his Wheat and its cultivation. Journ. Dept. Agr. Victoria. 22: 459-466. illus. Ag.1924. no.8.

Journ. Hered.

Conner, A.B. & Karper, R.E.

Inbreeding grain sorghum. Journ. Hered. 15: 299-302. illus. Jl.1924. no.7.

Jones, D.F.

Methods of seed corn production being revised. Journ. Hered. 15: 291-298. illus. Jl.1924. no.77.

Kearney, T.H.

A hybrid between different species of cotton. Journ. Hered. 15: 309-320. illus. Jl.1924. no.7.
Literature cited: p.320.

Journ. Indian Bot. Soc.

Pandé, S.K.

Notes on the morphology and biology of *Riccia sanguinea* Kash. Journ. Indian Bot. Soc. 4: 117-128. pl. i-v. Ag. 1924. no. 4.
Bibliography: p. 126.

Petch, T.

Musa troglodytarum L. Journ. Indian Bot. Soc. 4: 129-131. Ag. 1924. no. 4.

Sabnis, T.S.

The flora of Sind (cont.) Journ. Indian Bot. Soc. 4: 134-148. Ag. 1924. no. 4.

Journ. Wash. Acad. Sci.

Chase, A.

Aciachne, a cleistogamous grass of the high Andes. Journ. Wash. Acad. Sci. 14: 364-366. illus. S. 19, 1924. no. 15.

Piper, C.V.

A new genus of Leguminosae. Journ. Wash. Acad. Sci. 14: 363-364. S. 19, 1924. no. 15.
Leycephyllum micranthum, sp. nov.

Medd. Permanent. Komm. Fruktodlingsförs.

Florin, R.

Körsbärsträdens pollinering (Pollination of cherries) Medd. Permanent. Komm. Fruktodlingsförs. Sweden. no. 1. 33 p. illus. 1924.

Litteratur: p. 33.

Lecture before Swedish Pom. Soc., Gothenburg, S. 22, 1923.

Medd. Kolon. Inst. Amsterdam.

Kluyver, A. J. & Rekschediproedjo, R. M. I.

Klappervezel- en klappergarennijverheid... Medd. Kolon. Inst. Amsterdam. 20. 305 p. illus. 1923 (Rec'd 1924)

De belangrijkste literatuur over den klapper en de klappervezel: p. 301-304.

Utermark, I. W. L.

De economische beteekenis van het geslacht *citrus*, in het bijzonder voor de Nederlandsche overzeesche gewesten. Medd. Kolon. Inst. Amsterdam. 19. 212 p. illus. 1923 (Rec'd 1924)
"Bibliography": p. 198.

Mém. Fac. Sci. Univ. Lithuanie.

Regel, K.

Kolos pusiausialio augmeninė danga, *Lapponia varsugae* (Die pflanzendecke der halbinsel Kola, *Lapponia varsugae*) Mém. Fac. Sci. Univ. Lithuanie. 1922. 246 p. 1923 (Rec'd S. 1924)

Nachrichtenbl. Deut. Pflanzenschutzd.

Beizt das saatgetreide. Nachrichtenbl. Deut. Pflanzenschutzd. 4: 61-62. S. 1, 1924. no. 9.

Vogt, E.

Die temperatur der beizlösungen. Nachrichtenbl. Deut. Pflanzenschutzd. 4: 62-64. S. 1, 1924. no. 9.

Nat. Hist.

Popence, W.
Hunting new fruits in Ecuador. Nat.Hist.
24: 455-466. illus. Jl.-Ag. 1924, no.4.

Nature.

Gates, R.R.
Species and chromosomes. Nature. 114: 353-356.
S.6, 1924. no.2862.

Plant quarantines. Nature. 114: 337-338.
S.6, 1924. no.2862.

Roberts, H.F.
Germination of seeds exposed to low temperatures.
Nature. 114: 393. S.13, 1924. no.2863.

Tincker, M.A.H.
Effect of length of day on flowering and growth.
Nature. 114: 350-351. illus. S.6, 1924. no.2862.

Nature Mag.

Hansen, A.A.
The cardinal flower, a vanishing species.
Nature Mag. 4: 224, 255. illus. O.1924. no.4.
Lobelia cardinalis.

New Zeal. Journ.Agr.

Levy, E.B.
The grasslands of New Zealand (Ser.II.
The Taranaki back-country) Regrassing experi-
ments on deteriorated hill country in
Whanganomona County. (cont.) New Zeal. Journ.
Agr. 29: 92-102. illus. Ag. 1924. no.2.

Notes Bot. School Trinity Coll. Dublin.

Atkins, W.R.G.
Notes on the filtration and other errors in
the determination of the hydrogen ion concentration
of soils. Notes Bot.Sch. Trinity Coll. Dublin
3: 265-271. Jl.1924. no.5.

Bibliography, p.271.
Reprinted from Sci.Proc. Roy. Dublin Soc.

Dixon, H.H.
Variations in the permeability of leaf-cells.
Notes Bot. Sch. Trinity Coll. Dublin. 3: 272-279
Jl. 1924. no.5.
References: p.279.
Reprinted from Sci. Proc. Roy. Dublin Soc.

Notizbl. Bot. Gart. Berl.

Berlin, Universität. Botanischer garten.
Vermischte diagnosen I- Notizbl. Bot.
Gart. Berlin. 9:49-55. Je.1924. no.81.
New species from many localities.

Fries, R.E. & Fries, T.C.E.
Beiträge zur kenntnis der flora des Kenia,
Mt.Aberdare und Mt.Elgon V. Notizbl. Bot.
Gart. Berlin. 9: 16-36. Je. 1924. no.81.

Notizbl. Bot. Gart. Berl. (cont.)

Fräes, T.C.E.

Uebersicht über die gattung Englerastrum.
Notizbl. Bot. Gart. Berlin. 9: 61-76. pl. 1-8.
Je. 1924. no. 81.

Krause, K.

Eine neue sektion der gattung Amorphophallus Bl.
Notizbl. Bot. Gart. Berlin. 9: 37-38. Je. 1924.
no. 81.

Markgraf, Fr.

Neue apocynaceen aus Südamerika. Notizbl. Bot.
Gart. Berlin. 9: 77-90. illus. Je. 1924. no. 81.
Codonechites n. gen.

Melchior, H.

Beiträge zur kenntnis der Violaceae III. Ueber
die zugehörigkeit von Alsodeia andina Tul. und A.
Gossypium Tul. zur gattung Gloeospermum, IV. Eine
neue art der gattung Amphirrhox. Notizbl. Bot.
Gart. Berlin. 9: 56-60. Je. 1924. no. 81.

Pilger, R.

Plantae luetzelburgianae brasilienses IV.
Notizbl. Bot. Gart. Berlin. 9: 39-48. Je. 1924.
no. 81.

Oesterr. Bot. Zeitschr.

Heimerl, A.

Artemisia absinthium x laxa. Oesterr. Bot.
Zeitschr. 73: 213-218. illus. J1.-S. 1924. no. 7-9.

Linsbauer, K.

Ueber blattbürtige knospen bei Lycopersicum.
Oesterr. Bot. Zeitschr. 73: 191-200. illus. J1.-S.
1924. no. 7-9.
Literatur: p. 200.

Lohwag, H.

Entwicklungsgeschichte und systematische stellung
von Secotium agaricoides (Czern.) Holl. Oesterr. Bot.
Zeitschr. 73: 161-174. pl. ii. J1.-S. 1924. no. 7-9.

Pia, J.

Geologisches alter und geographische verbreitung
der wichtigsten algengruppen. Oesterr. Bot. Zeitschr.
73: 174-190. J1.-S. 1924. no. 7-9.
Schriftenhinweise: p. 185-190.

Thellung, A.

Ueber einige kritische Heracleum-sippen der
Alpen. Oesterr. Bot. Zeitschr. 73: 200-213.
illus. J1.-S. 1924. no. 7-9.

Pharm. Post.

Kratzmann, E.

Mikrochemische studien über den milchsaft von
Chelidonium majus. II. Die verteilung der alkaloiden
in der pflanze. Pharm. Post. 57: 161-164.
S. 6, 1924. no. 36.
Benützte schriften: p. 164.

Philipp. Journ. Sci.

- Espino, R. & Juliano, J. B.
Absorption of culture solutions by coco-palm
roots. Philipp. Journ. Sci. 25: 51-73. Jl.
1924. no.1.
Bibliography: p. 72.

Prakt. Ratg. Obst- u. Gartenb.

- Rosenheim,
Der anbau von medizinal-rhabarber in Deutschland.
Prakt. Ratg. Obst- u. Gartenb. 39: 119-120. illus.
Ap.30, 1924. (Rec'd.S.) no.12.

Proc. Amer. Wood Preserv. Assoc.

- Richards, C.A.
The comparative resistance of 17 species of
wood-destroying fungi to sodium fluoride. Proc.
Amer. Wood Preserv. Assoc. 20: 37-44. illus. 1924.

Proc. Iowa Acad. Sci.

- Carnahan, M.
Some polypores in Henry County. Proc. Iowa Acad.
Sci. 30(1923): 365. 1924?

Castetter, E.F.

- Studies on the cytology of *Melilotus alba*.
Proc. Iowa Acad. Sci. 30(1923): 351. 1924?
Abstract.

Conard, H.S.

- Citation of authorities for Latin names. Proc.
Iowa Acad. Sci. 30(1923): 355-357. 1924?

Cook, W.S.

- The structure of some nectar glands of Iowa
honey plants. Proc. Iowa Acad. Sci. 30(1923):
301-329. illus. 1924?
Bibliography: p.328-329.

Fitzpatrick, T.J.

- The arborescent flora of midwest farmsteads.
Proc. Iowa Acad. Sci. 30(1923): 359-364. 1924?

Gilmore, K.

- Methods of modeling the Agaricaceae. Proc.
Iowa Acad. Sci. 30(1923): 369-374. illus. 1924?

Pammel, L.H.

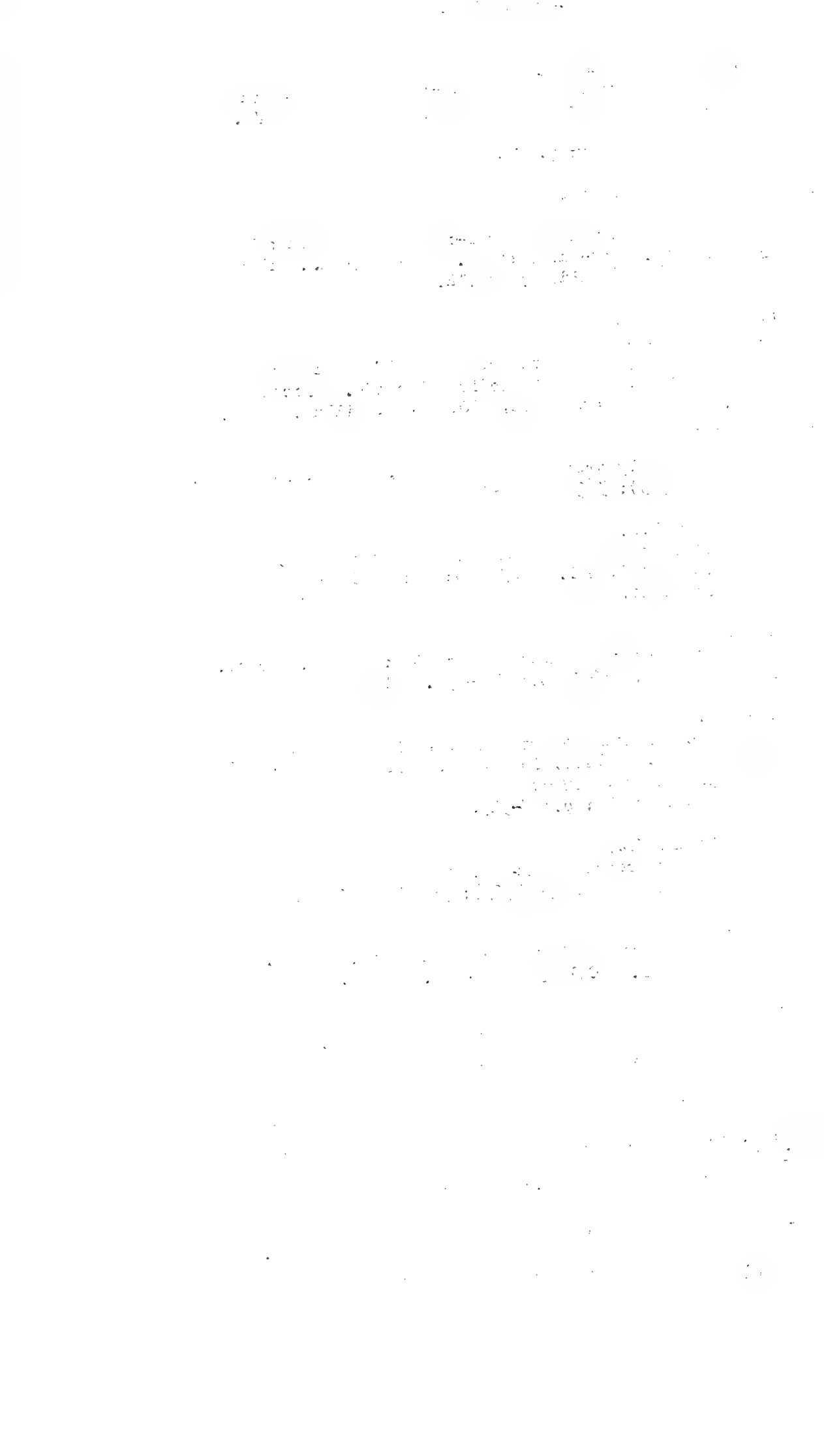
- A day near Muskogee, Oklahoma. Proc. Iowa
Acad. Sci. 30(1923): 295-296. 1924?

Pammel, L.H.

- The flora of Pine Hollow, Dubuque County, Iowa.
Proc. Iowa Acad. Sci. 30(1923): 263-277. illus.
1924?
Catalogue of plants: p. 274-277.

Pammel, L.H. & King, C.M.

- Germination studies of some trees and shrubs.
Proc. Iowa Acad. Sci. 30(1923): 287-293. illus.
1924?



Proc. Iowa Acad. Sci. (cont.)

Pammel, L.H.

The occurrence of *Juniperus horizontalis* in
Floyd County near Rockford. Proc. Iowa Acad.
Sci. 30(1923): 297-300. illus. 1924?

Pammel, L.H. & Gratty, R.I.

Some notes on plants of Whitehall, Michigan.
Proc. Iowa Acad. Sci. 30(1923): 279-285. illus.
1924?

Reagan, A.B.

The flora of the Olympic Peninsula, Washington.
Proc. Iowa Acad. Sci. 30(1923): 201-243. 1924?

Scott, W.

What is the relation between the moisture content
and viability of seed corn when subjected to low
temperatures? Proc. Iowa Acad. Sci. 30(1923):
254-257. 1924?

Stainbrook, M.A.

Apparent fossil fruits from the Fort Union beds
of North Dakota. Proc. Iowa Acad. Sci. 30(1923):
455-458. 1924?

Van Horn, M.W.

Some conditions affecting tree growth as
revealed by the annual rings. Proc. Iowa Acad.
Sci. 30(1923): 367-358. 1924?

Wittrock, G.L.

Cuscuta in Iowa. Proc. Iowa Acad. Sci.
30(1923): 351-354. illus. 1924?

Wittrock, G.L.

Polygonum in the state of Iowa. Proc. Iowa
Acad. Sci. 30(1923): 345-349. 1924?

Wylie, R.B.

Botanical notes on Fiji and New Zealand,
Proc. Iowa Acad. Sci. 30(1923): 45-54. illus. 1924?
Abstract of address as retiring President, Ap.
27, 1923.

Wylie, R.B.

Notes on introduced plants. Proc. Iowa
Acad. Sci. 30(1923): 333-336. 1924?

Wylie, R.B.

Plants and the surface film of water. Proc.
Iowa Acad. Sci. 30(1923): 337-343. 1924?
Bibliography: p. 343.

Queensl. Agr. Journ.

White, C.T. & Francis, W.D.

Queensland trees. (cont.) *Sideroxylon pohl-*
manianum. Queensl. Agr. Journ. 22: 65-67.
illus. Ag. 1924. no. 2.

- Queensland Bur. Sugar Exp. Stat. Gen. Ser. Bull,
Easterby, H.T.
The cultivation of the sugar cane in Queensland,
Queensland Bur. Sugar Exp. Stat. Gen. Ser. Bull, no. 3.
2d ed. rev. 48 p. illus. 1924.
Pests and diseases of cane: p. 36-40.
- Rep. North. Nut Grow. Assoc.,
Corbett, L.C.
Address (Nut culture) Rep. North. Nut Grow.
Assoc. 14: 28-36, 1923 (Rec'd 1924)
- Reed, C.A.,
The chestnut. Rep. North. Nut Grow. Assoc.
14: 77-80, 1923 (Rec'd 1924)
- Safford, W.E.
Use of nuts by the aboriginal Americans. Rep.
North. Nut Grow. Assoc. 14: 54-60, 1923 (Rec'd
1924)
- Schreiner, O.,
[Pecan trees] Rep. North. Nut Grow. Assoc.,
14: 51-54, 1923 (Rec'd 1924)
- Rev. Agr. Com. y Trab. Cuba,
Calvino, M.
Una pifia con cuatro sorosios. Rev. Agr. Com.
y Trab. Cuba. v. 7, no. 2, p. 15-16, illus. 1924.
- Chardon, C.E.
La relacion de ciertas yerbas con el matizado
de la caña de azucar. Rev. Agr. Com. y Trab. Cuba.
v. 7, no. 2. p. 37-41, illus. 1924.
- Rev. Bot. Appl.,
Carbonnières, C. de,
La première génération hybride du maïs. Rev.
Bot. Appl. 4: 511-521, Ag. 1924, no. 36.
- Ccstantin, J.,
Les mycorhizoes et la pathologie végétale.
Rev. Bot. Appl. 4: 497-508, Ag. 1924, no. 36.
- Vuillet, J.,
Situation présente de la culture du cotonnier
dans l'Arizona. Rev. Bot. Appl. 4: 508-510.
Ag. 1924, no. 36.
- Rev. Bryol.,
Amann, J.,
Le Bryum schleicheri Schwägr. Rev. Bryol. 51:
20-22, 1924 (Rec'd S.) no. 2,
- Amann, J.,
Le Didymodon ehrenbergii (Ior.) Broth. en Suisse.
Rev. Bryol. 51: 5-10, 1924 (Rec'd S.) no. 1.

Rev. Bryol. (cont.)

Anann, J.

Les mousses propagulifères. Rev. Bryol.
50: 61-62. 1923 (Rec'd S. 1924) no. 1.

Culmann, P.

Tortella fasciculata subspecies nova. Rev.
Bryol. 51: 22-23. 1924 (Rec'd S.) no. 2.

Disnier, G.

Notes sur le groupe *Pottia starkeana-minitulá* et
sur la présence aux environs de Paris du *Pottia*
mutica Vent. Rev. Bryol. 51: 17-19. 1924 (Rec'd
S.) no. 2.

Gardet, G.

Notes sur quelques muscinées. Rev. Bryol. 51:
27-28. 1924 (Rec'd S.) no. 2.
Neckera turgida, *Lophozia barbata*.

Henry, R.

L'abbé Boulay et l'étude des sphaignes françaises.
Rev. Bryol. 50: 1-4. 1923 (Rec'd S. 1924) no. 1.

Nicholson, W.E.

Nematode galls on *Herberta adunca* (Dicks.)
Gray. Rev. Bryol. 51: 19-20. 1924 (Rec'd S.)
no. 2.

Potier de la Varde, R.

Musci madurenses (concl.) Rev. Bryol. 50:
17-27, 72-79, illus. 1923; 51: 10-14, illus.
1924. (Rec'd S.)

Potier de la Varde R.

Observations sur quelques espèces du genre
Fissidens (cont.) Rev. Bryol. 50: 27-30.
1923 (Rec'd S. 1924) no. 2.

Thériot, I.

Gyroweisia ou *Weisiodon*? Rev. Bryol. 50:
4-6. 1923 (Rec'd S. 1924) no. 1.

Rev. Hort.

Cérôme, J.

Au sujet du *Phajus opoixii*. Rev. Hort. 96:
213-215. S. 16, 1924. no. 9.

Jumelle, H.

Un *Crinum* de Madagascar. Rev. Hort. 96:
205-206, illus. S. 16, 1924, no. 9.
Crinum voyroni.

Leray, Ch.

Le pavot en arbre en Californie. Rev. Hort.
96: 208-209. illus. S. 16, 1924. no. 9.
Romneya coulteri, *R. trichocalyx*.

Mouillère, E.

Les Hortensias nouveaux, leur origine et leur
emploi. Rev. Hort. 96: 207-208. S. 16, 1924.
no. 9.

Opoix, O.

Une orchidée hybride dans le genre *Phajus* (*Phajus*
opoixii var. *aurea* et *tenebrosa*) Rev. Hort. 96: 212-
213. col. pl. S. 16, 1924, no. 9.

Rev. Hort. (cont.)

Potrat, C.

Du dépérissement des arbres d'avenue dans les grandes villes et des moyens d'y remédier. Rev. Hort. 96: 210-212. S.16, 1924. no.9.

Science.

Gericke, W.F.

The beneficial effect to wheat growth due to depletion of available phosphorus in the culture media. Science. 60: 297-298. S.26, 1924. no.1552.

Kelly, A. P.

Chestnut trees surviving blight. Science. 60: 292-293. S.26, 1924. no.1552.

Mills, J. E.

Alkaline reaction of the cotton plant. Science. 60: 268. S.19, 1924. No.1551.

Shear, C. J.

The failure of the principle of priority to secure uniformity and stability in botanical nomenclature. Science. 60: 254-258. S.19, 1924. No.1551.

Sinnott, E. W.

Plant classification in elementary botanical texts. Science. 60: 291-292. S.26, 1924. no.1552.

Smith, C. E.

Transmission of cowpea mosaic by the bean leaf-beetle. Science. 60: 268. S.19, 1924. no.1551.

Scient. Month.

Baker, R. P.

Rensselaer polytechnic institute and the beginnings of science in the United States. Scient. Month. 19: 337-356. ports. O.1924. no.4.

Cockerell, T. D. A.

A journey in Siberia. Scient. Month. 19: 415-433. C.1924. no.4.

Locy, W. A.

Wilhelm Hofmeister. Scient. Month. 19: 380-389. O. 1924. no.4.

Succulenta.

Duursma, G. D.

Echinocereus fendleri Rimpl. Succulenta. 6: 125-126. illus. S.12, 1924. no.8/9.

Terre Vaud.

Vidal, D.

Sélection pédigrée de la vesce commune d'automne et de la vesce commune de printemps. Terre Vaud. 16: 519-522. Ag.30, 1924. no.35.

Tijdschr. Plantenz.

Atanasoff, D.

Dilophospora-ziekte van granen. Tijdschr.
Plantenz. 30: 145-160. pl. ii-v. S.1924. no.9.
Literatuur: p.160.

Trans. Brit. Mycol. Soc.

Braid, K W.

Some observations on *Fistulina hepatica* and
hollow, stag-headed oaks. Trans.Brit. Mycol. Soc.
9: 210-213. Ag. 1924. no.4.

Britton-Jones, H.R.

Strains of *Rhizoctonia solani* Kühn (*Corticium*
vagum Berk. and Curt.) Trans. Brit. Mycol. Soc.
9: 200-210. Ag.1924. no.4.

Bibliography: p.210.

"The one name, *Corticium vagum* B. & C. = (*Rhizoc-*
tonia solani Kühn) is, therefore, retained for the
isolations compared in this paper."

Brooks, F.T.

Epidemic plant diseases. Trans. Brit. Mycol.
Soc. 9: 229-239. Ag.1924. no.4.

Cunningham, G.H.

The development of *Gallacea scleroderma* (CKE.)

Lloyd. Trans. Brit. Mycol. Soc. 9: 193-200.

pl. ix-x. Ag. 1924 no.4.

Literature cited: p.199.

Ellicott, J.S. (Bayliss) & Stansfield, O.P.

The life history of *Polythrincium trifolii*

Kunze. Trans. Brit. Mycol.Soc. 9: 218-228.

illus., pl. xiii. Ag. 1924. no.4.

References: p.228.

Dothidella trifolii.

Hawley, H.C.W.

Flora of a blackbird's nest in August. Trans.

Brit. Mycol. Soc. 9: 239-240. Ag.1924. no.4.

Centr. rec'd S.1923.

Paulson, R.

Tree mycorrhiza (Chiefly field notes) Trans.

Brit. Mycol. Soc. 9: 213-218. pl. xi-xii. Ag.

1924. no.4.

References: p.217.

Ramsbotten, J.

Henry Cusack Wingfield Hawley (1876-1923) Trans.

Brit. Mycol. Soc. 9: 241-243. Ag.1924. no.4.

Wilson, M. & Ford-Robertson, F.C.

A new species of *Monochaetia*. Trans. Brit.

Mycol. Soc. 9: 189-192. pl. viii. A.1924. no.4.

Monochaetia cryptomeriae, n.sp.

Trans. Amer. Micros. Soc.

Hayes, D W.

Some studies of apogamy in *Pellaea atropurpurea*
(L.) Link. Trans. Amer. Micros. Soc. 43: 119-
135. illus. Jl. 1924. no. 3.
Literature cited: p. 131.

Heald, F.D. & Dana, B.F.

Notes on plant diseases in Washington I-
Trans. Amer. Micros. Soc. 43: 136-144. Jl. 1924.
no. 3.

Literature cited: p. 143-144.

I. Botrytis diseases.

Trans. Indiana Hort. Soc.

Brown, H.D.

Tomato seed improvement. Trans. Indiana Hort.
Soc. 63: 161-162. 1924.

Tree Talk.

Codding, G.M.

Defoliation of shade trees due to heat. Tree
Talk. v. 6, no. 2. p. 25-26. illus. 1924.

Lawrence, C.C.

Cankers and canker treatment. Tree Talk.
v. 6, no. 2. p. 12-13. illus. 1924.

Rankin, W.H.

The black-streak canker of chestnut oak. Tree
Talk. v. 6, no. 2. p. 8-10. illus. 1924.
Sphaeropsis malorum.

U.S. Dept. Agr. Bull.

Marsh, C.D., Roe, C.C., & Clawson, A.B.

Cockleburs (species of *Xanthium*) as poisonous
plants. U.S. Dept. Agr. Bull. 1274. 24 p.
pl. i-iv. S. 18, 1924.

Bibliography: p. 22-24.

X. echinatum used in experiments.

Vinall, H.M., Getty, R.E. & Cron, A.B.

Sorghum experiments on the Great Plains. U.S.
Dept. Agr. Bull. 1260. 88 p. illus. Ag. 1924.
Literature cited: p. 39.

U.S. Dept. Agr. Circ.

Stanton, T.R., Stephens, D.E. & Gaines, E.F.

Markton, an oat variety immune from covered smut.
U.S. Dept. Agr. Circ. 324. 8 p. illus., Jl. 1924.

Vie Agr. et Rur.

Dalbis, L.J.

L'immigration des espèces florales dans l'Amérique
du nord. Vie Agr. et Rur. 25: 178-180. S. 6, 1924.
no. 36.

West. Fruit.

Young, W.J.

Handling apples for storage. West.Fruit.
v.6, no.9. p.8, 24. S.1924.

Exper. Stat. Publ.

Recommendations for the control of wildfire.
Connecticut Agr.Exp.Stat. Tobacco Sub-Stat. Bull.
4. 3 p. Mr.1924.
Revised.

Woodroof, J.G.

The development of pecan buds and the quantitative production of pollen. Georgia Agr. Exp. Stat. Bull. 144. 161 p. illus. Je. 1924 (Rec'd S.)

Bibliography: p.160-161.

Holbert, J.R., Burlison, W.J., Koehler, B., Woodworth, G.H. & Dungen, G.H.

Corn root, stalk and ear rot diseases, and their control thru seed selection and breeding. Illinois Agr.Exp.Stat.Bull.255: 239-478. illus., vi col.pl. Ag. 1924.

Literature cited: p.472-478.

Cullinan, F.P. & Baker, C.E.

Liquid lime sulphur versus sulphur dust for apple spraying. Indiana Agr. Exp. Stat. Bull. 283. 22 p. illus. Jl.1924 (Rec'd S.)

Literature cited: p.22.

Melchers, L.E. & Walker, H.E.

The copper carbonate dust method of controlling bunt of wheat. Kansas Agr.Exp. Stat. Circ. 107. Jl. 1924 (Rec'd S.)

Neal, D.C.

New plant diseases in Mississippi.. In his Report of the plant pathologist Mississippi Agr. Exp. Stat. Ann. Rep. 36th. p.34-35. 1923. (Rec'd S.1924)

Neal, D.C.

[Report of the plant pathologist- for the year ending June 30,1923] Mississippi Agr. Exp. Stat. Ann. Rep. 36th. p.30-36. 1923.

Wolf, F.A.

Report of the division of plant pathology [for the year ending June 30,1924] North Carolina Agr. Exp. Stat. Ann. Rep 46: 91-93. 1924?

Schuster, C.E.

Filberts. Oregon Agr.Exp. Stat. Bull.208. 39 p. illus. Ag.1924.

Literature cited: p.39.

I.Growing filberts in Oregon. II.Experimental data on filbert pollination.

Pennsylvania agricultural experiment station.

Botany and plant pathology. In Ann. Rep. of the director. Its bulletin 188. p.13-16. Ag. 1924.

Esper. Stat. Publ. (cont.)

Burgess, P.S.

The yield and mineral content of crop plants as influenced by those preceding. Rhode Island Agr. Exp. Stat. Bull. 198. 25 p. Je. 1924.

Frank, A.

Cherry troubles in western Washington. West. Washington Exp. Stat. Bi-Month. Bull. 12: 69-74. illus. S. 1924.

New Books.

Armstrong, E.F.

The carbohydrates and the glucosides. Ed. 4. 293 p. London, 1924.
Bibliography: p. 245-287.

Ascherson & Graebner.

Synopsis der Mitteleuropäischen flora. 108. lfg. bd. XII (Fog. 6-10) Compositae (Hieracium bearb. von Herm. Zahn. JI. 1924.

Baur, Erwin.

Untersuchungen über das wesen entstehung und die vererbung von rassenunterschieden bei *Antirrhinum majus*. Leipzig, 1924 (Bibliotheca genetica bd IV)

Bottari, F.

La soja nella storia, nell'agricoltura e nella applicazioni alimentari ed industriali. Torino, 1923.

Copeland, E.B.

Rice. Macmillan, 1924.
Diseases and pests: p. 52-100

Dressel, A.

Atlas der krankheiten der landwirtschaften kulturpflanzen... Mit beschreibendem text von prof. dr. O. Appel, und dr. E. Riehm... Berlin, P. Parey, 1924.

text, reihe I- (p. 1- 46) atlas, reihe I- (col. pl. 1-22) 23 cm. (atlas, 45cm)

I. Getreide, - Klee - Kartoffel - Rüben - Ackerbohne - Bohnen und erbsen - Kohl - Gurken - Obst.

Federated Malay states. - Department of agriculture. Malayan agriculture. 1924. 301 p. plates. Singapore, 1924.

Plant diseases and pests: p. 233-276.

Harding, R.

Cotton in Australia. London, Longmans, 1924.
Diseases: p. 241-257.
Books of reference: p. 265-268.

Lecomte, H.

Flore générale de l'Indo-Chine. v. 3, fasc. 1-2. Paris, 1922-23

New Books (cont.)

Lloyd, C.G.

Mycological notes no. 72. His Mycological writings, v. 7, no. 7. p. 1269-1300. part., pl. 282-296. Je. 1924.

Lundegårdh, H.

Der kreislauf der kohlendioxid in der natur.
Ein beitrage zur pflanzenökologie und zur
landwirtschaftlichen düngungslehre. 308 p.
Jena, 1924.

Queensland Department of agriculture & stock,
Citrus culture. Ed. 8. Brisbane, 1924.
105 p. illus. 25 1/2 cm.
The diseases of citrus trees: p. 39-73.

Sander & sons.

Addenda to Sander's list of orchid hybrids 1921-
1922 - 1923. Antwerp, [1923]

Sartory, A. & Maire, L.

Compendium hymenomycetum. Fasc. 19-20.
1923.

Amanita.



Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 146.
Oct. 6, 1924 - Oct. 18, 1924.

Acta Hort. Petrop.

Komarov, V.L.

Plantae Austro-ussurienses (Lacus Chanka,
Wladiwostok, sinus S'ti Vladimir) Acta

Hort. Petrop. 39: 1-128, 1923.

Russian with German resumé (p. 125-128)

Schischkin, I.

Notulae ad floram Austro-Ussariensem.

Acta Hort. Petrop. 39: 161-174, 1923.

In Russian.

Amer. Bot.

Budd, Mrs. B.A.

Scarlet Ipomopsis. Amer. Bot. 30: 165.

O. 1924. no. 4.

Clute, W. N.

Accent of common names. Amer. Bot. 30: 166-

167. O. 1924. no. 4.

----- More common names. Amer. Bot. 30: 167.

O. 1924. no. 4.

Clute, W.N.

Elementary species of Rudbeckia. Amer. Bot.

30: 153-159. O. 1924. no. 4.

Clute, W.N.

Feather hyacinth. Amer. Bot. 30: 164-165. O.

1924. no. 4.

Clute, W.N.

Galinsoga still traveling. Amer. Bot. 30:

163. O. 1924. no. 4.

Clute, W.N.

Man-of-the-earth. Amer. Bot. 30: 164. O.

1924. no. 4.

Ipomoea pandurata.

Clute, W. N.

Plant names and their meanings XXI. Orchidaceae.

Amer. Bot. 30: 145-153. O. 1924. no. 4.

Clute, W. N.

Prunella vulgaris nana. Amer. Bot. 30: 169-

170. O. 1924. no. 4.

Clute, W.N.

Resistant chestnuts. Amer. Bot. 30: 168-169.

O. 1924. no. 4.

Crocket, R.M.

New phlox for rock gardens. Amer. Bot. 30: 160.

O. 1924. no. 4.

P. procumbens.

McMurray, N.

Clustered cancer-root. Amer. Bot. 30: 162-163.

O. 1924. no. 4.

Orobanche fasciculata in Pennsylvania.

Amer. Bot. (cont.)

Rankin, H.A.

The Venus fly-trap. Amer. Bot. 30: 156-158.
O.1924 no.4.
Dionaea muscipula.

Stevens, C.A.

Meeting summer across the prairies. Amer. Bot.
30: 140-144. O.1924. no.4.

Amer. Fruit Grow. Mag.

Olive, C.

Four diseases of apples in storage. Amer. Fruit.
Grow. Mag. v.44, no.10 p.34. O.1924.
Jonathan spot, Anthracnose, Blue mold, Forst bite.

Amer. Journ. Bot.

Adams, J.

Does light determine the date of heading out in
winter wheat and winter rye? Amer. Journ. Bot.
11: 535-539. O.1924. no.8
Literature cited: p.539.

Gates, F. C.

The persistency of *Scirpus validus* Vahl.
Amer. Journ. Bot. 11: 513-517. illus. O. 1924. no.8.

Reed, G.M. & Faris, J. A.

Influence of environal factors on the infection of
sorghums and oats by smuts I- Amer. Journ. Bot.
11: 518-534. O.1924. no.8.
I. Experiments with covered and loose kernel
smuts of sorghum.

Spoehr, H.A. & McGee, J.M.

The effect of fluctuations in the CO₂ content
of the atmosphere on the rate of respiration of leaves.
Amer. Journ. Bot. 11: 493-501. illus. O.1924.
no.8.

Yampolsky, C.

The pneumathodes on the roots of the oil palm
(*Elaeis guineensis* Jacq.) Amer. Journ. Bot. 11:
502-512. pl. xxxvii-xxxviii. O.1924. no.8.
Bibliography: p.511.

Ann. di Bot.

Cappelletti, C.

Reazioni immunitarie nei tubercoli radicali di
leguminose. Ann. di Bot. 16: 171-186. Je.
1924. no.2.

Bibliografia: p.185-186.

Appendice (Tecnica usata per mettere in evidenza
la glea del "*Bacillus radicola*" B.): p.183-184.

Ciferri, R.

Sul polimorfismo di un *Fusarium* della zucca.
Ann. di Bot. 16: 217-223. Je. 1924. no.2.
Lavori citati: p.223.
Fusarium oxysporum var. *obtusiusculum*.

Francesco, L.

Tommaso Juigi Berta, fitotomo parmigiana (1783-
1845) Ann. di Bot. 16: 224-239. Je.1924. no.2.

Ann. di Bot. (cont.)

Hamet, R.

Sur le genre *Macrosepalum*. Ann. di Bot.
 16: 192-216. pl.ii-iii. Je. 1924. no.2.
Macrosepalum turkestanicum Regel & Schmalh. identical with *Sedum tetramerum* Trautv.

Longo, B.

Sul *Pinus magellensis*ello Schouw. al M. Amaro.
 Ann. di bot. 16: 165-170. illus. Je. 1924. no.2.

Longo, B.

Ulteriori osservazioni sopra una interessante
 pianta d'*Idesia polycarpa* Maxim. Ann. di Bot.
 16: 187-188. Je. 1924. no. 2.

Sibilia, C.

Nuove osservazioni statistiche sul fiore di
Anemone apennina L. Ann. di Bot. 16: 189-
 191. Je. 1924. no.2.

Ann. Rep. Dept. Agr. Uganda Prot.

Small, W.

Annual report of the government mycologist.
 [for the year ending December 31, 1923] Ann.
 Rep. Dept. Agr. Uganda Protectorate. 1922. p.14-
 15. 1924.

Ann. Rep. Fruit Grow. Assoc. Ontario.

Caesar, L.

The spraying calendar. Ann. Rep. Fruit Grow.
 Assoc. Ontario. 55: 37-40. 1924.

Gardner, V. R.

The function of nitrogen in the nutrition of the
 tree. Ann. Rep. Fruit Grow. Assoc. Ontario. 55:
 63-68. 1924.

Gardner, V.R.

Some principles governing the nutrition of the
 strawberry. Ann. Rep. Fruit Grow. Assoc. Ontario.
 55: 51-58. 1924.

Ann. Staz. Sper. Agrum. e Fruttic. Acireale.

Savastano, G.

Alcune ricerche bio-culturali sulle cause della
 longevità dell'olivo. Ann. Staz. Sper. Agrum. e
 Fruttic. Acireale. 7: 71-88. pl. v-viii bis.
 1923 (Rec'd O. 1924)
 Letteratura: p.87-88.

Savastano, L.

Della coltivazione dell'anona in Italia.
 Ann. Staz. Sper. Agrum. e Fruttic. Acireale. 7:
 1-32. pl. i-iv. 1923 (Rec'd O. 1924)
 Opere citate: p.30-32.

Savastano, L.

Delle epidemie italiane del mal secco negli
 agrumeti, albicoccheti, ficheti, noceti e gelseti
 Studio di clinica arborea. Ann. Staz. Sper.
 Agrum. e Fruttic. Acireale. 7: 89-176. illus.,
 pl. ix-xiv. 1923 (Rec'd O. 1924)
 Opere citate: p.167-169.



Ann. Staz. Sper. Agrum. e Fruttic. Acireale. (cont.)

Spoto, G.M.

Risultati nell'impianto del pistacchieto artificiale. Ann. Staz. Sper. Agrum. e Fruttic. Acireale. 7: 63-70. 1923 (Rec'd O. 1924)

Austral. Sugar Journ.

Cottrell Dormer, W.

Diseases and pests of sugar cane. Austral. Sugar Journ. 16: 379-380. S. 5, 1924. no. 6.

Biederm. Zentralbl. Agrikulturchem.

Wehnert, H.

Die verbreitung des kartoffelkrebses in Schleswig-Holstein 1923. Biederm. Zentralbl. 53: 339-341. S. 1924.

Abstract from Landw. Wochenbl. Schleswig-Holstein, 1924.

Bolezni Rast.

Antonov, S. M.

Dusting of seeds as a means of control of stinking smut. Bolezni Rast. 13: 5-12. 1924.

Russian with English resume (p. 12).

Prinz, J. I.

Die gegenwärtige heilungsmethode des weinstocks gegen falschen mehltau. Bolezni Rast. 13: 1-5. pl. 1924.

Russian with German resumé: (p. 4-5)

Vasil'evskii, N. I.

Zur biologie Septoria ribis Desm. auf Ribes nigrum. Bolezni Rast. 13: 12-21. 1924.

Russian with German resumé (p. 20-21)

Boll. Mens. Inform e Not. R. Staz. Pat. Veg.

Peyronel, B.

Alcune osservazioni sulla biologica della rizotonia della patata (*Hypochnus solani* Frill. et Del.) Boll. Mens. Inform. e Not. R. Staz. Patol. Veg. 5: 4-19. illus. Ja.-Je. 1924. no. 1-6.

Peyronel, B.

Attività della R. Stazione di patologia vegetale durante il triennio 1921-22-23. Boll. Mens. Inform. e Not. R. Staz. Patol. Veg. 5: 27-33. Ja.-Je. 1924. no. 1-6.

Pubblicazioni: p. 31-33.

Peyronel, B.

Sopra un caso di nanismo e di deperimento del lupino in seguito a concimazione con calciocianamide. Boll. Mens. Inform. e Not. R. Staz. Patol. Veg. 5: 20-26. Ja.-Je. 1924. no. 1-6.

Boll. R. Staz. Sper. Agrumic. & Fruttic. Acireale.

Savastano, G.

Consigli all'arboricoltore. Bull. Staz. Sper. Agrumic. e Fruttic. Acireale. no. 46. 7 p. Mr. 1923.

Boll. R. Staz. Sper. Agrumic. & Fruttic. Acireale. (cont.)

Savastano, L.

Manipolazione della poltiglia solfo-calcaica
(Formola della stazione di agrumicoltura), e suo
uso. Boll. Staz. Sper. Agrumic. e Fruttic.
Acireale. no. 47. Ed. 4. 7 p. Je. 1923.

Bot. Arch.

Bretzler, E.

Beiträge zur kenntnis der gattung Platanus.
Bot. Arch. 7: 388-417. illus. S. 1924.
no. 5-6.

Literaturverzeichnis: p. 416-417.

Eschenhagen, M.

Ueber den verlauf der kaliumaufnahme junger roggeng-
pflanzen, die in einem unverhältnismässig kleinen
bodenvolumen gewachsen sind. Bot. Arch. 7: 418-
448. S. 1924. no. 5-6.

Literatur: p. 442-443.

Gumpfenberg, O. von.

Beiträge zur entwicklungsgeschichte der blumen-
blätter mit besonderer berücksichtigung der nerva-
tur. Bot. Arch. 7: 443-490. illus. S. 1924.
no. 5-6.

Wichtigste literatur: p. 471-472.

Koestlin, H.

Zur physiologischen anatomie gelber Ranunculus-
blüten. Bot. Arch. 7: 325-346. illus. S. 1924.
no. 5-6.

Literatur: p. 346.

Niemeyer, L.

Azotobacter-studien. Bot. Arch. 7: 347-374.
S. 1924. no. 5-6.

Literature: p. 372-374.

Treitel, O.

Thermotropismus bei wurzeln. Bot. Arch. 7:
375-388. S. 1924. no. 5-6.

Bot. Mag. Tokyo.

Honda, Masaji.

Chaetochloa viridis, Scribner var. *pachystachys*,
Honda. Bot. Mag. Tokyo. 38: (152). Je. 1924.
no. 450.

In Japanese.

Honda, M.

Oplismenus undulatifolius, Beauvois and O.
japonicus, Honda. Bot. Mag. Tokyo. 38: (152)-
(153). Je. 1924. no. 450.

In Japanese.

Honda, M.

Revisio graminum japoniae V. Bot. Mag. Tokyo.
38: 119-129. Jl. 1924. no. 451.

Ikoma, Y.

Distribution of tropical algae in Japan sea.
Bot. Mag. Tokyo. 38: (123). My. 1924. no. 449.

Bot. Mag. Tokyo (cont.)

Imai, Y.

- Genetic studies in morning glories XI, XII.
Bot. Mag. Tokyo. 38: (103)-(119), (127)-(142).
illus. My.-Je. 1924. no.449, 450.
English summary, XI, p.114., XII, p.118.

Ishikawa, M.

- On the phylogeny of Rhodophyceae. Bot. Mag.
Tokyo. 38: (159)-(167) Jl.1924. no.451.
In Japanese.
English summary: p.130.

Koidzumi, G.

- Contribuciones ad cognitionem florae Asiae
orientalis (cont.) Bot. Mag. Tokyo. 38:
87-113. My. 1924. no.449.

Komuro, H.

- Die kerne und ihrer chromosomen in den wurzel-
spitzen von Trillium. Bot. Mag. Tokyo. 38: (171)-
(174). Ag. 1924. no.452.
In Japanese.
German resumé: p.133-134.

Komuro, H.

- Ueber die abnormale kernteilung in den wurzel-
spitzen von Vicia faba. Bot. Mag. Tokyo. 38:
115-117. illus. Je. 1924. no.450.

Yamamoto, Y.

- Eine neue art von Anoectochilus. Bot. Mag.
Tokyo. 38: 131-133. illus. Ag. 1924. no.452.
Anoectochilus yakushimensis, sp.nov.

Yasuda, A.

- Notes on fungi 146-147. Bot. Mag. Tokyo. 38:
(121)-(123), (145)-(149). My.-Je. 1924. no.449-450.
Stereum kurilense, n.sp.
Japanese.

Bull. Agr. Congo Belge.

Bonnivair, P.

- A propos de la sélection du coton au Congo Belge.
Etat actuel de sa culture et causes de sa
dégénérescence. Comment créer une variété locale?
Bull. Agr. Congo Belge. 15: 42-74. Mr. 1924.
(Rec'd C.) no.1.
Ouvrages conseillés: p.72.

Goosens, V.

- Catalogue des plantes du Jardin botanique,
d'Eala 1923. Liste des plantes du Jardin
botanique d'Eala. (cont.) Bull. Agr. Congo
Belge. 15: 103-148. illus. Mr. 1924 (Rec'd Oct.
1924) no. 1

Bull. Econ. Indochine.

Giullaume, A.

- Rapport sur le cocotier en Indochine (concl.)
Bull. Econ. Indochine. 27: 269-323. illus.
1924. no.3.

Vieillard, P.

- Conservation de la faculté germinative des
semences de riz. Bull. Econ. Indochine 27: 251-
259. 1924. no.3.

Bull. Misc. Inform. Kew.

Additions to the Index Kewensis III.

Bull. Misc. Inform. Kew. 1924, p.280-
283. no.7.

Bean, W.J.

Harry James Veitch. Bull. Misc. Inform.
Kew. 1924, p.300-301. no.7.

Turrill, W. B.

On the flora of the Gallipoli Peninsula.
Bull. Misc. Inform. Kew. 1924, p.287-299. no.7.

Vallentin, E.F.

Fresh-water algae of the West Falklands.
Bull. Misc. Inform. Kew. 1924, p.283-287. no.7.

Williams, R. O.

Notes on the plants of Patos. Bull. Misc.
Inform.Kew. 1924, p.273-280. pl.i-iv. no.7.

Bull. Soc. Bot. France.

Blaringhem, L.

Sur le dimorphisme sexuel des fleurs et la
variabilité spécifique. Bull. Soc. Bot. France.
71: 265-273. pl. iii-iv. Mr.-Ap. 1924 (Rec'd O.)
no.3/4.

Bouvrain, G.

Sur l'accélération basifuge du développement
vasculaire dans l'*Helianthus annuus* (var. *uniflorus*)
Bull. Soc.Bot.France. 71: 293-296. Mr.-Ap. 1924.
(Rec'd O.) no.3/4.

Bugnon, P.

Sur les homologues de la feuille chez les
graminées. Bull. Soc. Bot. France. 71: 246-251.
Mr.-Ap. 1924 (Rec'd O.) no.3/4.

Cerighelli, R.

Sur la respiration des plantes vertes à la
lumière. Bull. Soc. Bot. France. 71: 251-256.
Mr.-Ap. 1924 (Rec'd O.) no.3/4.

Chauveaud, G.

Sur les tentatives répétées d'altération de la
phyllorhize. Bull. Soc.Bot. France. 71: 289-292.
Mr.-Ap. 1924 (Rec'd O.) no.3/4.

Dangeard, P.

Le vacuome chez les eugléniens. Bull. Soc.
Bot. France. 71: 297-298. illus. Mr.-Ap.
1924 (Rec'd O.) no.3/4.

Gagnepain, F.

Euphorbiacées nouvelles (*Drypetes*) Bull. Soc.
Bot. France. 71: 257-262. Mr.-Ap.1924 (Rec'd O.)
no. 3/4.

Bull. Soc. Bot. France. (cont.)

Gandoger, M.

Le *Malva geranifolia* Gay nouveau pour la France,
et la famille des malvacées. Bull. Soc. Bot.
France. 71: 301-304. Mr.-Ap. 1924 (Rec'd O.)
no.3/4.

Guillaumin, A.

Observations sur les *Symplocos* d'extrême-Orient,
particulièrement d'Indo-Chine. Bull. Soc. Bot.
France. 71: 273-288. Mr.-Ap. 1924 (Rec'd O.)
no.3/4.

Henry, R.

Sur la présence dans les Vosges de quelques
myxomycètes. Bull. Soc. Bot. France. 71: 256-
257. Mr.-Ap. 1924 (Rec'd O.) no.3/4.

Hue, A.M. abbé.

Monographia crocyniarum. Bull. Soc. Bot.
France. 71: 311-402. Mr.-Ap. 1924 (Rec'd O.) no.3/4.

Magnier, L.

Rubigineuses hétéropodes. Bull. Soc. Bot.
France. 71: 304-307. Mr.-Ap. 1924. (Rec'd O.)
no.3/4.

Pellegrin, F.

Augouardia Pellegrin, genre nouveau de
césalpiniées du Congo. Bull. Soc. Bot. France.
71: 309-311. Mr.-Ap. 1924 (Rec'd O.) no.3/4.
Augouardia le testui, n.sp.

Pellegrin, F.

Bizonula, genre nouveau de sapindacées d'Afrique
occidentale. Bull. Soc. Bot. France. 71: 299-
300. Mr.-Ap. 1924 (Rec'd O.) no.3/4.
Bizonula le testui, sp.n.

Bull. Soc. Chim. Biol.

Braecke, M.

Sur la présence d'un glucoside dédoublable
par l'émulsine dans les genres *Veronica*, *Euphrasia*,
Odontites, *Bartsia* et *Pentstemon*. Bull. Soc.
Chim. Biol. 6: 665-671. Ag. 1924. no.7.

Bridel, M.

Sur la présence de la monotropotine dans les
racines fraîches de trois espèces de spirées:
Spiroea ulmaria L.; *S. filipendula* L.; *S. gigantea*,
var. *rosea*. Bull. Soc. Chim.
Biol. 6: 679-682. Jl.-Ag. 1924. no.7.

Bridel, M.

Sur la véritable nature du glucoside à
salicylate de méthyle existant dans l'écorce
fraîche du *Betula lenta* L. Bull. Soc. Chim.
Biol. 6: 659-664. Jl.-Agr. 1924. no.7.

Charaux, C.

Sur la présence de la rutine dans certains
végétaux. Préparation et identification de ce
glucoside et de ses produits de dédoublement.
Bull. Soc. Chim. Biol. 6: 641-647. Jl.-Ag. 1924. no.7.

Bull. Soc. Chim. Biol. (cont.)

Charaux, C.

Sur le dédoublement bio-chimique de la rutine.-
Rutinose, nouveau biose, provenant de ce dédouble-
ment. Bull. Soc. Chim. Biol. 6: 631-640. J1.-
Ag. 1924. no.7.

Bibliographie: p.638-640.

Bull. Soc. Dendrol. France.

Hickel, R.

Un précurseur en dendrologie, Pierre Belon
(1517-1564). Bull. Soc. Dendrol. France.
no.51. p.37-75. illus. My. 1924.

Hickel, R.

Les Taxodium du Mexique. Bull. Soc.
Dendrol. France. no.52. p.97-98. plates. Ag.
1924.

T. mucronatum.

Bull. Techn. Mus. Sydney.

Welch, M. B.

Notes on the structure of wood. Bull.
Techn. Mus. Sydney. no.9. 11 p. illus. 1924.

Centralbl. Bakt. Abt. II.

Blum, G.

Swei neue Laboulbenien aus Brasilien.
Centralbl. Bakt. Abt. II, 62: 300-302. illus.
S. 1924. no.13/16.

Laboulbenia adinventata, Sternocelopsis
Auricomus, n. sp.

Schaposchnikow, W. & Manteifel, A.

Ueber die Koremienbildung bei einigen Pilzen.
Centralbl. Bakt. Abt. II, 62: 295-300. S. 1924.
no.13/16.

Chaparra Agr.

Bonazzi, A. & Ceresa, G.

Una enfermedad de la caña en las zonas de
Chaparra y Delicias. Chaparra Agr. v.1, no.
5. p.29-30. S. 1924.

Calvino, E. M. de.

Botánica de la caña de azúcar (Cont.)
Chaparra Agr. v.1, no.5. p.20-23. S. 1924.

Country Life.

Burt Davy, J.

The flora of South Africa. Country Life.
56: 519-521. illus. O.4, 1924. no.1448.

T, H. A.

A handsome tree from western China. Country
Life. 56: 490. illus. S.27, 1924. no.1447.
Davidia involucrata.

Curt. Bot. Mag.

- Curtis Bot. Mag. v 169, pt. 4. S. 1924.
 Philodendron teretipes. 2 p. col. pl. 9013.
 Rhododendron apodectum. 3 p. col. pl. 9014.
 Dendrochilum uncatum. 3 p. col. pl. 9015.
 Pieris taiwanensis. 4 p. col. pl. 9016.
 Berberis morrisonensis. 3 p. col. pl. 9017.
 Fragula cardiophylla. 2 p. col. pl. 9018.
 Corokia buddleioides. 2 p. col. pl. 9019.
 Picea glehnii. 3 p. col. pl. 9020.
 Viola elegantula. 4 p. col. pl. 9021.
 Philadelphus delavayi. 2 p. col. pl. 9022.
 Ouratea flava. 4 p. col. pl. 9023.

Deut. Landw. Presse.

- Clausen,
 Die dörrfleckenkrankheit im hafer. Deut.
 Landw. Presse. 51: 424-425. S. 13, 1924. no. 37.

Molz, E.

- Die stengelfaule der kartoffel. Deut.
 Landw. Presse. 51: 436. illus. S. 20, 1924.
 no. 38.

Faserforsch.

- Horst, W.A.
 Studien über den gambohanf. Faserforsch.
 4: 61-124. illus. pl. i-viii. (part col.) S. 1924.
 no. 2
 Literaturverzeichnis: pl. 123-124.

Flora.

- Pernbeck, O.
 Wind und pflanze. Flora. 117: 293-300.
 1924. no. 3.

Lasser, H.

- Zur entwicklungsgeschichte des prothalliums und
 des embryos bei *Salvinia natans*. Flora 117:
 173-220. illus. 1924. no. 3.
 Benutzte literatur: p. 219-220.

Schroeder, H.

- Die kohlendioxidversorgung der chloroplasten. I-
 Flora. 117: 270-292. 1924. no. 3.

Wetzel, K.

- Die wasseraufnahme der höheren pflanzen
 gemäßigter klimare durch oberirdische organe.
 Flora. 117: 221-269. 1924. no. 3
 Literatur: p. 267-269.

Flor. Exch.

Linz, C.L.

- Pros and cons of blister rust. Arguments for and
 against modification of quarantine voiced in Washington -
 decision now in F.H.B.'s hands. Flor. Exch. 58: 986,
 988. O. 4, 1924. no. 14.

Garden.

- Cockayne, L.
New Zealand plants for the British Isles.
(concl.) Garden. 88: 646-647, 660-662.
illus. S.20, 27, 1924. no.2757, 2758.
- Cox, E.H.M.
Curious relatives of Primulas. Garden.
88: 678-679. illus. O.4, 1924. no.2759.
- Cox, E.H.M.
Identification of plants. Garden. 88:
658. S.27, 1924, no.2758.
- Hampton, F.A.
Garden folk-lore: the doctrine of signatures.
Garden. 88: 662-663. S.27, 1924. no.2758.
- Jacob, J.
Michaelmas daisies. For general hardiness and
beautiful colour effects in the Autumn, Michaelmas
daisies are unsurpassed. Garden. 88: 675-676.
illus. O.4, 1924, no.2759.
- Schneider, C.
Deciduous barberries with beautiful fruits.
Garden. 88: 644-645. illus. S.20, 1924. no.2757 .

Gard. Chron.

- Dicks, S.B.
The onion, *Allium cepa*, Linn. Gard. Chron.
III, 76: 240-241. illus. O.4, 1924. no.1971.
- Friend, H.
Garden craft in the Canticles VI. Gard.
Chron. III, 76: 234-235. O.4, 1924. no.1971.
- Imperial botanical conference (concl.) Gard.
Chron. III, 76: 200, 213, 238-239. S.20, 27,
O.4, 1924. no.1969-1971.
- Robertson Proschowsky, A.
Palms of the Riviera. Gard. Chron. III,
76: 197. S.20, 1924. no.1969.
Corrections and addenda.
- Ward, F.K.
Mr. F. Kingdon Ward's eighth expedition in
Asia. VI. A journey by the great river. Gard.
Chron. III, 76: 214-215. illus. S.27,
1924. no.1970.
- Ward, F.K.
Rhododendrons (cont.) Gard. Chron. III,
76: 199-200, 236-237. S.20, O.4, 1924. no.1969,
1971.

Gard. Chron. Amer.

- Clute, W.N.
On plant names. Gard. Chron. Amer. 28:
255. O. 1924. no.10.
- Downer, H.E.
Michaelmas daisies. Gard. Chron. Amer.
28: 255. O. 1924. no.10.

Gartenw.

- Jelitto, C.R.
Eryngium. Gartenw. 23: 421-422.
illus. S.12, 1924. no.37.

Genetica.

- Danser, E.H.
Ueber einige aussaatversuche mit Rumexbastarden.
Genetica. 6: 145-220. illus. My.-Je. 1924. no.2-3.
Zitierte literatur: p.219-220.

- Lotsy, J.P. & Kuiper, K.
A preliminary statement of the results of Mr.
Houwink's experiments concerning the origin of some
domestic animals. V. Genetica. 6: 221-277.
pl. ii-ix. (part.col.) Mr.-Je. 1924. no.2-3.

Genetics.

- Eyster, W.H.
A genetic analysis of variegation Genetics.
9: 372-404. illus., pl. i (col.) Jl.1924. no.4.
Literature cited: p.398-399.

- Hanson, F.B. & Sholes, F.N.
Seasonal differences in sex ratio, litter size
and birth weight of the albino rat under uniform
laboratory conditions. Genetics. 9: 363-367.
Jl. 1924. no.4.
Literature cited: p. 367.

- Hanson, F.B. & Heys, F.
Correlations of body weight, body length, and
tail length in normal and alcoholic albino rats.
Genetics. 9: 368-371. Jl. 1924. no.4.
Literature cited: p.371.

- Lindstrom, E.W.
Complementary genes for chlorophyll develop-
ment in maize and their linkage relations.
Genetics. 9: 305-326. Jl.1924. no.4.
Literature cited: p.321-322.

- Payne, F.
Crossover modifier in the third chromosome
of *Drosophila melanogaster*. Genetics. 9:
327-342. Jl. 1924. no.4.
Literature cited: p.341-342.

- Wilson, I.T.
Two new hereditary tumors in *Drosophila*.
Genetics. 9: 343-362. illus. Jl.1924. no.4.
Literature cited: p.361-363.

Hacienda.

- Cross, W.E.
La seleccion de la cana de azucar. Hacienda.
19: 301-303. illus. O.1924. no.10.
- Gould, H.P.
Cultivo y explotación de la higuera II.
Hacienda. 19: 306-310. illus. O. 1924. no.10.

Hacienda (cont.)

- Mell, C.D.
El guayaco como arbol de adorno. Hacienda.
19: 310-311. illus. O. 1924. no. 10.
Guaiacum officinale.

Hoppe-Seyl. Zeitschr. Phys. Chem.

- Euler, H. von, Josephson, K. & Söderling, B.
Zur kenntnis des rohrzuckerspaltenden enzyms in
Penicillium glaucum. Hoppe-Seyl. Zeitschr. Phys.
Chem. 139: 1-14. S. 1924. no. 1/2.

Industr. & Eng. Chem.

- Baly, E.C.C.
Photosynthesis. Industr. & Engin. Chem. 16:
1016-1018. O. 1924. no. 10.
Abstract of paper before Sect. B (Chem.), Brit.
Assoc. for the Advancement of Sci., Saskatoon, Ag. 22,
1924.

McDonnell, C.C.

- Recent progress in insecticides and fungicides.
Industr. & Engin. Chem. 16: 1007-1012. O. 1924.
no. 10.
Bibliography: p. 1011-1012.

Rhodes, F.H. & Ling, T.T.

- Chinese wood oil. Industr. & Engin. Chem.
16: 1051-1055. O. 1924. no. 10.

Journ. Agr. Res.

- Kearney, T.H. & Harrison, G.J.
Length of cotton fiber from bolls at different
heights on the plant. Journ. Agr. Res. 28: 563-
565. My. 10, 1924 (Rec'd O.) no. 6.

Leighty, C.E. & Taylor, J.W.

- "Hairy neck" wheat segregates from wheat-rye
hybrids. Journ. Agr. Res. 28: 567-576.
pl. 1-5. My. 10, 1924 (Rec'd O.) no. 6.
Literature cited: p. 575-576.

Lindegren, C.C. & Rose, D.H.

- Two hitherto unreported diseases of stone
fruits. Journ. Agr. Res. 28: 603-605. My. 10,
1924 (Rec'd O.) no. 6.

Love, H.H. & Craig, W.T.

- The genetic relation between *Triticum dicoccum*
dicoccoides and a similar morphological type
produced synthetically. Journ. Agr. Res. 28:
515-520. pl. 1-8. My. 10, 1924 (Rec'd O.) no. 6.

Mallmann, W.L. & Hemstreet, C.

- Isolation of an inhibitory substance from
plants. Journ. Agr. Res. 28: 599-602.
Mr. 10, 1924 (Rec'd O.) no. 6.

Journ. Agr. Res. (cont.)

Monteith, J.

Relation of soil temperature and soil moisture to infection by *Plasmodiophora brassicae*. Journ. Agr. Res. 28: 549-562. pl.1-5. My.10,1924. (Rec'd O.) no.6.

Literature cited: p.559-561.

Shamel, A.D., Pomeroy, C.S. & Caryl, R.E.

Bud selection as related to quality of crop in the Washington navel orange. Journ. Agr. Res. 28: 521-526. pl.1-4. My.10, 1924 (Rec'd O.) no.6.

Shear, C.L., Stevens, N.E. & Wilcox, M.S.

Betriosphaeria and *Physalospora* on currant and apple. Journ. Agr. Res. 28: 589-598. pl. 1-2. My.10,1924 (Rec'd O.) no.6.

Literature cited: p.598.

Stakman, E.C., & Levine, M.N.

Puccinia graminis poae Erikss. and Henn. in the United States. Journ. Agr. Res. 28: 541-548. pl. 1. My.10, 1924. (Rec'd O.) no.6.

Literature cited: p.547-548.

Stevens, N.E.

Physalospora malorum on currant. Journ. Agr. Res. 28: 583-588. pl. 1-2. My.10,1924 (Rec'd O.) no.6.

Journ. Agr. Sud-Ouest.

Milhau, M.

Le "Ginkgo biloba" peut-il servir comme arbre d'alignement? Journ. Agr. Sud-Ouest. 3: 86-87. Mr. 1924 (Rec'd O.) no.27.

As a street tree.

Journ. Amer. Chem. Soc.

Nelson, E.K.

The non-volatile acids of the peach. Journ. Amer. Chem. Soc. 46: 2337-2338. O.1924. no.10.

Journ. Amer. Soc. Agron.

Symposium on "Research fundamental to the solving of crop-plant problems. Journ. Amer. Soc. Agron. 16: 553-632. S.1924.

I. Introductory remarks. By C.R. Ball. p.553-556. Literature cited: p.556.

Ia. Taxonomy. By C.R. Ball. p.556-566. Literature cited: p.563-566.

Ib. Taxonomy and mycology. By C.L. Shear. p.566-575.

II. Morphology. By R.A. Oakley. p.576-584.

III. Plant physiology. By Wm. Crocker. p.584-594.

IV. Cytology. By R.A. Harper. p.595-607.

V. Biochemistry. By R.A. Gortner. p.607-614. Literature cited: p.614.

VI. Genetics. By H.H. Love. p.614-626.

VII. Edaphics (soil research) By J.G. Lipman. p.627-632.

Journ. Bot.

Britten, J.
Thlaspi alliaceum L. Journ. Bot. 62: 306-
 307. O. 1924. no. 742.

Groves, J.
 Carl Frederick Otto Nordstedt. (1838-1924)
 Journ. Bot. 62: 289-291. O. 1924. no. 742.
 Sketch by Miss Elin Millde: p. 290-291.

Nicholson, W. E.
Digitalis dubia Rodr. Journ. Bot. 62:
 308. O. 1924. no. 742.

Ridley, H. N.
 New Malayan plants. Journ. Bot. 62: 294-
 301. O. 1924. no. 742.

Sprague, T. A.
 Authorities for corrected names. Journ. Bot.
 62: 292-293. O. 1924. no. 742.

Weiss, F.
 A "quilled" dandelion. Journ. Bot. 62:
 304-306. illus. O. 1924. no. 742.
Taraxacum officinale var. *cucullatum*.

Wilmott, A. J.
 A new type-term. Journ. Bot. 62: 308-
 309. O. 1924. no. 742.

Journ. Dept. Agr. So. Africa.

Die-back in apples due to "*Coniothecium*
chomatosporum". Journ. Dept. Agr. So. Africa.
 9: 195. S. 1924. no. 3.

Lansdell, K. A.
 Weeds of South Africa XIV. The milk thistle
 (*Silybum marianum*, Gaertn.) Journ. Dept.
 Agr. So. Africa. 9: 239-244. illus. S. 1924.
 no. 3.

Moore, E. S.
 Wildfire of tobacco in South African and control
 measures. Journ. Dept. Agr. So. Africa. 9: 211-
 215. S. 1924. no. 3.
 References: p. 215.

Schonland, S.
 The jointed cactus. Journ. Dept. Agr. So.
 Africa. 9: 216-225. plates. S. 1924. no. 3.

Some diseases of maize. Journ. Dept. Agr. So.
 Africa. 9: 198-199. S. 1924. no. 3.

Journ. Dept. Lands & Agr. Ireland.

Murphy, P. A. & McKay, R.
 The development of blight in potatoes subsequent
 to digging. Journ. Dept. Lands & Agr. Ireland.
 24: 103-116. Ag. 1924. no. 2.

Journ. Frankl. Inst.

Lipman, C.B. & Taylor, J.K.

Do green plants have the power of fixing elementary nitrogen from the atmosphere? Journ. Frankl. Inst. 198: 475-506. O.1924. no.4.
Bibliography: p.506.

Journ. Nat. Inst. Agr. Bot.

Salaman, R.N.

Report of the Potato synonym committee on the potatoes sent for immunity trials to the potato testing station, Ormskirk, Lancashire, 1923.
Journ. Nat. Inst. Agr. Bot. no.2. p.29-38.
Ag. 1924.

Salaman, R.N.

Synonyms of varieties of potatoes with a list of the distinct varieties tested at the potato testing station, Ormskirk, from 1915-1924.
Journ. Nat. Inst. Agr. Bot. no.2. p.39-53.
Ag. 1924.

Journ. Soc. Nat. Hort. France.

Cochet-Cochet, Ch.

La rose chez les Romains. Journ. Soc.Nat. Hort.France. IV, 25: 282-287. illus. Ag. 1924.

Gérôme, J.

Le Bogonia x gigantea Nonin, (Origine, histoire horticole) Journ. Soc.Nat.Hort. France. IV, 25: 280-282. Ag. 1924.

Journ. Textile Inst.

Fargher, R.G. & Higginbotham, L.

The constituents of the wax of Egyptian Sakellaridis cotton. Journ. Textile Inst. 15: T419-T433. S. 1924. no.9.
References: p.T433.

Landtm. Tids. Landtm.

Lundëgärch, H.

Undersökningar över betningsmedlens inverkan på skjutkraften. Landtm. Tidskr. Landtm. 7: 748-751. illus. O.4, 1924. no.40.

Louisiana Plant.

Storey, H.H.

Streak disease in Uba cane. Louisiana Plant. 73: 268-270. illus. O.4, 1924. no.14.

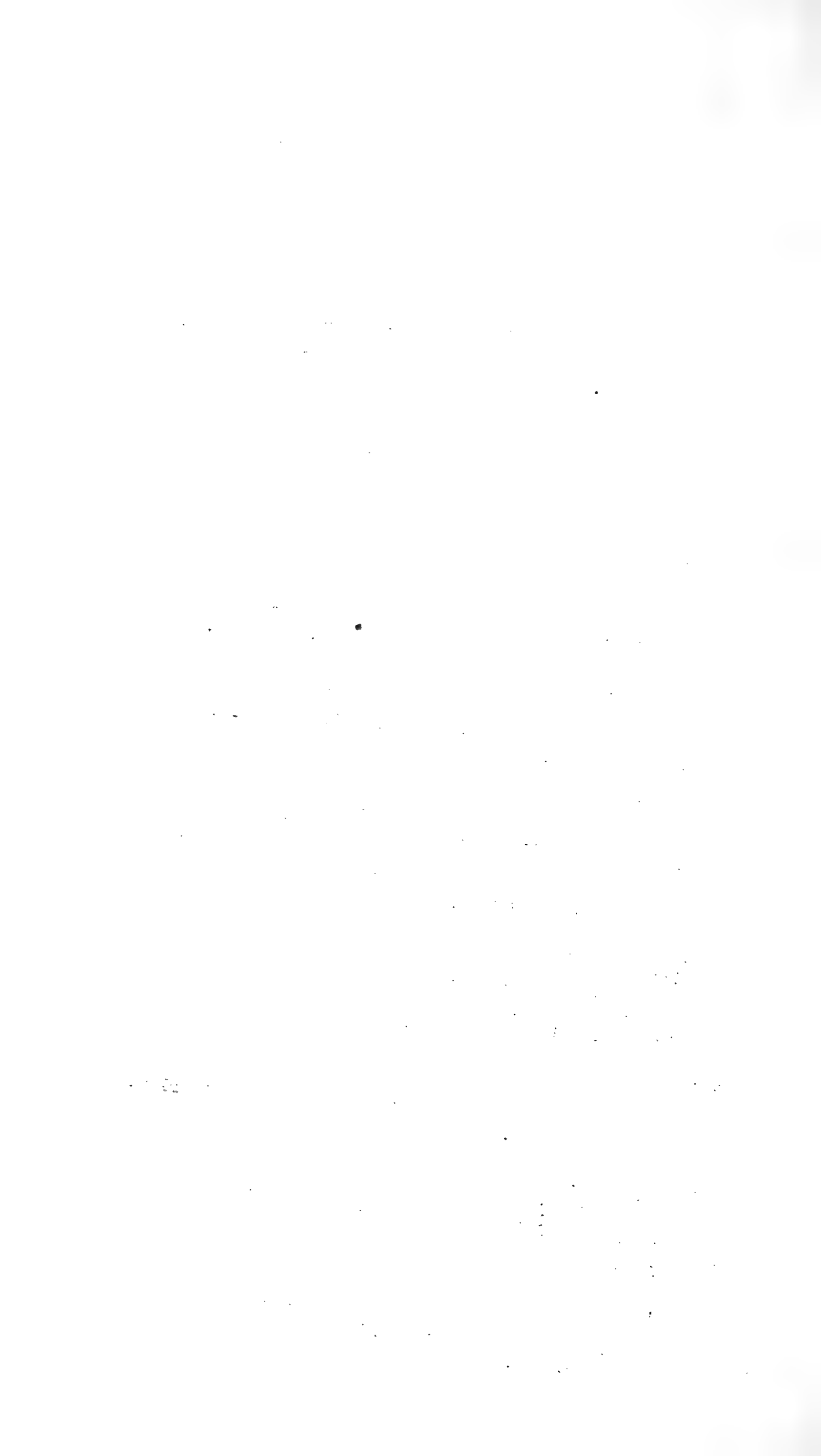
Malayan Agr. Journ.

Belgrave, W.N.C.

Annual report of the plant physiologist for 1923. Malayan Agr. Journ. 12: 286-288. Ag. 1924. no.8.

Jack, H.W.

Annual report of the economic botanist for 1923. Malayan Agr.Journ. 12: 238-245.
Ag. 1924. no.8.



Malayan Agr. Journ. (cont.)

South, F.W.

Annual report of the chief agricultural inspector for 1923. Malayan Agr. Journ. 12: 219-237. Ag. 1924. no. 8.

Thompson, A.

Annual report of the mycologist for 1923. Malayan Agr. Journ. 12: 246-251. Ag. 1924. no. 8.

Mem. Dept. Agr. India Bot. Ser.

Howard, A. & Howard, Mrs. G.L.C.

Studies in Indian fibre plants. 3. On the inheritance of characters in *Hibiscus sabdariffa* L. Mem. Dept. Agr. India Bot. Ser. 13: 47-85. col. pl. i-vi. Je. 1924. no. 3.

Howard, G.L.C. & Ram, K.

Studies in Indian tobaccos. 4. Parthenocarpy and parthenogenesis in two varieties of *Nicotiana tabacum* L. - var. cuba and var. mirodato. Mem. Dept. Agr. India Bot. Ser. 13: 1-16. Je. 1924. no. 1.

Howard, G.L.C.

Studies in Indian tobaccos. 5. The inheritance of characters in *Nicotiana rustica* L. Mem. Dept. Agr. India Bot. Ser. 13: 17-37. pl. i-xv. Je. 1924. no. 1.

Mem. R. Acad. Cienc. Madrid.

Luisier, P.A.

Musci salmanticenses. Descriptio et distributio specierum hactenus in provincia geographica salmanticensi cognitarum. Brevi addito conspectu muscorum totius Peninsulae Ibericae. Mem. R. Acad. Cienc. Madrid. II, v. 3, 280 p. 1924. Obras consultadas: p. 8.

Missouri Bot. Gard. Bull.

Packing orchids for shipment. Missouri Bot. Gard. Bull. 12: 92-93. pl. 26. S. 1924. no. 7.

Poison ivy. Missouri Bot. Gard. Bull. 12: 87-91. pl. 23-24. S. 1924. no. 7.

An unusual specimen of *Trichopilia coccinea*. Missouri Bot. Gard. Bull. 12: 91-92. pl. 25. S. 1924. no. 7.

A valuable small flowering tree for St. Louis. Missouri Bot. Gard. Bull. 12: 93-95. pl. 27. S. 1924. no. 7.

Mitt. Deut. Landw. Ges.

Spieckermann, A.

Zur bekämpfung des kartoffelkrebses (cont.) Mitt. Deut. Landw. Ges. 39: 699-700. S. 27, 1924. no. 39.

Nature.

Barcroft, J.

Sir William Bayliss, F.R.S. Nature.
114: 474-476. S.27, 1924. no.2865.

T , J. McL.

The ascent of sap and transport of food materials
in trees. Nature. 114: 518-519. O.4, 1924.
no. 2866.

Weiss, F.E. & Rosén, D.

The supposed constancy of the hybrid between
the common and the water avens, *Geum urbanum* x
rivale. Nature. 114: 500. O.4, 1924. no.2866.

Naturwissenschaften.

Nilsson-Ehle, H.

Einige züge aus der entwicklung des Mendelismus.
Naturwissenschaften. 12: 757-761. S.19, 1924.
no.38.

Renner, O.

Die botanik vor Mendels auferstehung. Natur-
wissenschaften. 12: 752-757. S.19. 1924. no.38.

Sierp, H.

Die nichtvererbungswissenschaftlichen arbeiten
von Correns. Naturwissenschaften. 12: 772-778.
S.19, 1924. no.38.

Wettstein, F. von.

Ueber fragen der geschlechtsbestimmung bei
pflanzen. Naturwissenschaften. 12: 761-768.
S.19, 1924. no.38.

Zimmermann, A.

Carl Erich Correns. Zu seinem sechzigsten geburt-
stage. Naturwissenschaften. 12: 751-752. port.
S.19, 1924. no.38.

This whole number of Naturwissenschaften (no.
38) forms a "festschrift" for Correns.

New Jersey Agr.

Haenseler, C.M.

Plant diseases of New Jersey. New Jersey Agr.
v.6, no.10. p.10-11. illus. O.1924.

Poole, R.F.

Selecting sweet potato seed is big step toward
success. Healthy roots cut down losses. New Jersey
Agr. v.6, no.10. p.13. illus. O. 1924.

New Zeal. Journ. Sci. & Techn.

Aston, B.C.

The cultivation of New Zealand plants. A plea
for a National botanical garden. New Zeal.
Journ. Sci. & Techn. 7: 125-128. J1.1924. no.2.
References: p.128.

- New Zeal. Journ. Sci. & Techn.
Yeates, J.S.
The root-nodules of New Zealand pines. New
Zeal. Journ. Sci. & Techn. 7: 121-124. illus.
Jl. 1924. no. 2.
Literature: p. 124.
- Notul. System. Inst. Crypt. Hort. Bot. Petrop.
Burgvitz, G.K.
De nova species Saccharomycetum notula.
Notul. System. Inst. Crypt. Hort. Bot. Reip. Ross.
3: 43-46. Mr. 1924.
Russian with German resumé (p. 46)
Saccharomyces betae.
- Elenkin, A.A.
De spec. duabus gen Microcystis Kütz. notula.
Notul. Syst. Inst. Crypt. Hort. Bot. Reip. Ross.
3: 12-15. Ja. 1924.
M. aeruginosa.
Russian with Latin diagnosis.
- Elenkin, A.A.
De speciebus et formis novis e gen. Characium
A. Braun et Characiopsis Borzi cum crustaceis symbiotis.
Notul. Syst. Inst. Crypt. Hort. Bot. Reip. Ross. 3:
17-30, 23-26. T., Mr. 1924.
Characium michailovskoense, Characiopsis?
crustacearum.
- Hollerbakh, M.M.
De statibus Gloeocapsae magmaticae (Bréb.)
Kütz. notula. Notul. Syst. Inst. Crypt.
Hort. Bot. Reip. Ross. 3: 1-3. Ja. 1924.
Russian with Latin diagnosis.
- Kossinskaia, E.K.
De specie nova Calothrichum. Notul. Syst.
Inst. Crypt. Hort. Bot. Reip. Ross. 3: 9-11. Ja.
1924.
Calothrix elenkinii.
Russian with Latin diagnosis.
- Lebedjeva, L.A.
De Eocronartio typhuloide Atkinson notula.
Notul. Syst. Inst. Crypt. Hort. Bot. Reip. Ross.
3: 47-48. Mr. 1924.
Russian with Latin resumé.
- Lebedjeva, L.A.
Fungi novi e Sibiria polari. Notul.
System. Inst. Crypt. Hort. Bot. Reip. Ross. 3:
15-16. Ja. 1924.
Lophiostroma birulae, Naucoria arctica,
Clitocybe karsteniana.
- Voronikhin, N.N.
Fungi nonnulli novi Caucaso III. Notul. Syst.
Inst. Crypt. Hort. Bot. Reip. Ross. 3: 31-33. T. 1924.
Melanospora encobiosica, Ascochyta anachidis, A.
astragali f. foliicola, A. boehmeriae, A. urticae, Isar-
iopsis mespili.



- Nuestra Tierra. Buenos Aires.
Propiedades medicinales de las plantas.
Nuestra Tierra. 7: 430. illus. Ag.1924.
no.124.
- Parfums France.
Rodié, J.
La flore des Alpes-maritimes. Parfums.
France. 1924, p.91-98. Ap. 1924. no.15.
- Peterm. Mitt.
Friedrich, E.
Klima und produktqualitäten (cont.) Peterm.
Mitt. 70: 159-163. Jl. 1924. no.7/8.
- Pharm. Journ.
Adan, J.W.
Old herbals. Pharm. Journ. 113: 355-
357. S.27, 1924. no.3180.
- Pharm. Weekbl.
Ultee, A.J.
Over gondang-was (Cera fici). Pharm.
Weekbl. 61: 1118-1120. O.4, 1924. no.40.
- Philipp. Agr.
Ocfemia, G.O.
Notes on some economic plant diseases new in the
Philippine Islands. Philipp. Agr. 13: 163-
166. S. 1924. no.4.
Anthracnose of mango, Anthracnose of abaca,
Anthracnose of pepper, Mosaic of pechay, Mosaic of
balsam, Fruit rots of pineapple, Sclerotium rots of
plants.
- Phytopath.
Adams, J.F.
The use of sulphur as a fungicide and
fertilizer for sweet potatoes. Phytopath.
14: 411-423. illus. S. 1924. no.9.
Literature cited: p.422-423.

Celery yellows. Phytopath. 14: 435. S.
1924. no.9.
Mr.L.F. Butler reports presence of two
bacteria.
- Colley, R.H.
A laboratory projection apparatus. Phyto-
path. 14: 424-426. pl.xxvi-xxvii. S.1924.
no.9.
- Fant, Gordon W
The manner of infection of peach twigs by the
brown rot fungus. Phytopath. 14: 427-429.
S. 1924. no.9.

Fusarium conference, University of Wisconsin.
Madison,Wis. Phytopath. 14: 435. S. 1924.

Phytopath. (cont.)

Maneval, W.E.

Longevity of cultures of fusaria. Phytopath.
14: 408-410. S. 1924. no.9.
Literature cited: p.410.

Maneval, W.E.

The viability of uredospores. Phytopath.
14: 403-407. S. 1924. no.9.
Literature cited: p.407.

Pack, D.A.

Photographic method for measuring and recording
morphological and physical characters of plants.
Phytopath. 14: 433-435. illus. S.1924. no.9.

Spaulding, P.

The Tropical plant research foundation. Phyto-
path. 14: 430-432. S. 1924. no.9.

Plant. Chron.

Dash, J.S.

Weeds and their control. Plant.Chron. 19:
620-622, 628-632. S.6,13, 1924.

Poyser, E.L.

Black rot of coffee. Plant. Chron. 19: 625.
S.6, 1924. no.36.

Progr. Agr. & Vitic.

Robert, F.

Sur le court-noué. Progr. Agr. et Vitic. 82:
332-333. O.5, 1924. no.40.

Zacharewicz, E.

La brunissure des souches. Progr. Agr. et Vitic.
82: 282-283. S.21,1924. no.38.

Publ. Marsh Bot.Gard.Yale Univ.

Buttrick, P.L.

Connecticut's state flower, the mountain laurel.
Publ. Marsh Bot. Gard. Yale Univ. 1. 28 p. plates.
1924.

Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed.

Auchter, E.C.

Importance of proper pollination in fruit yields.
Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed. 8:
171-183. 1924.

Geise, F.W.

The development of blight resistant spinach.
Rep. Maryland Agr. Soc. & Maryland Farm Bur. Fed.
8: 351-357. 1924.

Jehle, R.A.

Reasons for lack of control of scab in sprayed
apple orchards in Maryland. Rep. Maryland Agr.
Soc. & Maryland Farm Bur. Fed. 8: 183-192. 1924.

Norton, J.B.S.

Mosaic diseases and their control. Rep. Mary-
land Agr. Soc. & Maryland Farm Bur. Fed. 8: 374-378. 1924.

Rep. Dominion Bot. Canada.

Bailey, D.L.

Report of dominion Field laboratory of
plant pathology, Winnipeg, Man. 1923/24. p.24-
28. 1924.

Berkeley, G.H.

Report of dominion Field laboratory of
plant pathology, St.Catharines, [Ont. for the
year ending Mr.31, 1924] Rep. Canada Exp.
Farms. 1923/24. p.16-23. 1924.

Fraser, W.P.

Report of the Dominion laboratory of plant
pathology in co-operative with the University of
Saskatchewan. 1923/24. Rep. Canada Exp. Farms.
1923/24. p.38-48. 1924.

Güssow, H.T.

Report of the dominion botanist, for the year
ending Mr.31, 1924. Rep. Canada Exp. Farms.
1923/24. p.3-15. illus. 1924.

McLarty, H.R.

Report of Dominion field laboratory of plant
pathology for Summerland, B.C. 1923/24. Rep.
Canada. Exp.Farms. 1923/24. p.28-37. illus.
1924.

Simmonds, P. M.

Report of the Dominion field laboratory of plant
pathology, Indian Head, Sask. 1923/24- Rep. Canada
Exp. Farms. 1923/24. p.49-53. 1924.

Rev. Agr. Ile Maurice.

Shepherd, E.F.S.

La maladie de la gomme. Rev. Agr. Ile
Maurice. no.16. p.207-208. Jl.-Ag. 1924.

Rev. Agr. Puerto Rico.

Rosenfeld, A.H.

La causa del matizado, un paso hacia la solucion
de este misterio. Rev. Agr. Puerto Rico. 13: 145-
148. S. 1924.

Rev. Gén. Bot.

Belval, H.

La genèse de l'amidon dans les céréales. Rev.
Gén. Bot. 36: 303-324, 337-356. Jl.-Ag. 1924.
no.427-428.

Bose, J.

L'ascension de la sève et la pulsation chez
les arbres. Rev. Gen. Bot. 36: 378-384.
illus. Ag. 1924. no.428.

Jumelle, H.

L'oeuvre scientifique de Gaston Bonnier. Rev.
Gén. Bot. 36: 289-307. Jl.1924. no.427.

Rev. Gén. Bot. (cont.)

Nicolas, G.

Revue des travaux de physiologie végétale
parus de 1910 a 1919 (cont.) Rev. Gén. Bot.
36: 325-336, 357-377. Jl.-Ag. 1924. no.427-428.

Rev. Gén. Sci.

Beauverie, J.

Le blé dans le monde (concl.) Rev. Gén.
Sci. 35: 493-505. S. 1924. no.17/18.

Rev. Hist. Nat. Appl. pt.I.

Carié, P.

Culture de quelques cucurbitacées tropicales
en Seine-et-Oise. Rev. Hist. Nat. Appl. Pt.I.
5:222-224. Jl. 1924. (Rec'd O.) no.7.

A variety of *Momordica balsamina*, two varieties
of *Lagenaria*.

Rev. Hort. Algérie.

Correvon, H. & Pouyanne.

Nouvelles observations sur le mimetisme et la
fécondation chez les *Ophrys speculum* et *lutea*.
Rev. Hort. Algérie. 28: 177-182. Ag. 1924.
no.8.

Junelle, H:

Le grape-fruit. Rev. Hort. Algerie. 28:
167-170. Ag. 1924. no.8.

Rhodora.

Blake, S.F.

The name of the spearmint. Rhodora. 26: 171-
175. S. 1924. no.309.
Mentha spicata.

Fassett, N.C.

A new variety of *Bidens heterodoca*. Rhodora.
26: 177-178. S. 1924. no.309.
Bidens heterodoxa var. *interstes*.

Knowlton, C.H.

Flowering dates for *Amelanchier bartramiana*.
Rhodora. 26: 178-179. S. 1924. no.309.

Knowlton, C.H.

Notes on the plants of Hingham, Massachusetts.
Rhodora. 26: 175-177. S. 1924. no.309.

Weatherby, C.A.

A note on *Stellaria pubera* Michx. Rhodora.
26: 169-171. S. 1924. no.309.

Riv. Patol. Veg.

Trotter, A.

"Cancrena pedale" del peperome e melanzana
nella campania (*Capsicum annuum* e *Solanum*
melongena) Riv. Patol. Veg. 14: 125-130.
Ag. 1924. no.7-8.

Science.

Carleton, M.A.

Some remarks on the literature of rust fungi.

Science. 60: 360-362. O.17, 1924. no.1555.

Calls attention to certain errors and omissions in reference to matters of fundamental importance, in various mycological publications.

Scient. Agr.

Kelsall, A.

Dusts and dusting in crop pest control. Scient.

Agr. 5: 57-51. O. 1924. no.2.

Kraus, E.J.

The inter-relation of growth and fruitfulness in plants. Scient. Agr. 5: 62-65. O. 1924. no.2.

Russell, Sir J.

Present day problems in crop production. (concl.)

Scient. Agr. 5: 65-67. O. 1924. no.2.

Also appeared in Nature v.114, p.434-437. S.20, 1924.

Soil Sci.

Neidig, R.E. & Snyder, R.S.

The relation of moisture and available nitrogen to the yield and protein content of wheat. Soil Science. 18: 173-179. S. 1924. no.3.

References: p.179.

Storage Investigations, Marble Laboratory.

Magness, J.R. & Burroughs, A.M.

Studies in apple storage. Pt.I. The storage of apples as influenced by temperature, humidity, ventilation and type of package. Storage investigations, 1921-22, Marble Laboratory. p.17-98. illus., col.pl. [1923?]

Literature cited: p.97-98.

Tropenpfl.

Preuss, P.

Zur biologie der kokospalme. Tropenpfl.

27: 123-132. S./O. 1924. no.4.

Tobler, F.

Ueber die aufschliessung tropischer bastfasern.

Tropenpfl. 27: 132-137. S./O. 1924. no.4.

U.S. Dept. Agr. Bull.

Bates, C.G.

Forest types in the central Rocky Mountains as affected by climate and soil, U.S. Dept. Agr. Bull. 1233. 152 p. pl.i-ii. O.6, 1924.

Literature cited: p.151-152.

U.S. Dept. Agr. Circ.

Darrow, G.M.

The Van Fleet raspberry; a new hybrid variety.

U.S. Dept. Agr. Circ. 520. 14 p. illus. Ag. 1924.

Literature cited: p.14.

U.S. Dept. Agr. Farm.Bull.

Cook, O.F. & Martin, R.D.

Culture of Pima and Upland cotton in Arizona.

U.S. Dept. Agr. Farm.Bull.1432. 14 p. illus.

Ag. 1924.

Jones, J.W.

How to grow rice in the Sacramento Valley.

U.S. Dept. Agr. Farm.Bull. 1240. 26 p. illus.

Mr. 1924 (Rec'd O.)

Weeds, control of water grasses: p.19-26.

Univ. Calif. Publ. Agr. Sci.

Mann, M.C.

Microsporogenesis of Ginkgo biloba L. with especial reference to the distribution of the

plastids and to cell wall formation. Univ. Calif.

Publ. Agr. Sci. 2: 243-248. pl.44. S.17,1924.

no. 8.

Literature cited: p.247.

Univ. Calif. Publ. Bot.

Brotherus, V.F.

Tahitian mosses collected by W.A. Setchell and

H.E. Parks. Univ. Calif. Publ. Bot. 12: 45-48.

S.16, 1924. no.3.

West India Comm. Circ.

Mosaic disease of sugar cane. Trinidad's efforts to eradicate it.

West India Comm. Circ. 39: 381.

S.25, 1924. no.678.

Zeitschr. Bot.

Zattler, F.

Vererbungsstudien an hutpilzen (basidiomyceten).

Zeitschr. Bot. 16: 433-499. pl. iv. 1924. no.8.

literaturverzeichnis: p.498-499.

Zeitschr. Forst- u. Jagdw.

Schmidt,

Vegetationsversuche zum ertragsfaktor licht.

Zeitschr. Forst- u. Jagdw. 56: 461-472. Ag. 1924.

no.8.

Exper.Stat. Publ.

Overholser, E.L. & Latimer, L.P.

The cold storage of pears.

California Agr.

Exp. Stat. Bull. 377. 56 p. illus. Ap.1924 (Rec'd O.)

Bibliography: p.55-56.

Coons, G.H.

Black root of strawberry. A discussion of the disease and suggestions to growers who contemplate starting new plantings. Michigan Agr. Exp. Stat. Quart. Bull. 7: 25-26. Ag. 1924. no.1.

Only fungus associated constantly with diseased plants is Rhizoctonia.

Exper. Stat. Publ. (cont.)

Coons, G.H.

Control of stinking smut or bunt of wheat. The dusting of seed wheat with a fungicide, copper carbonate is entirely a safe remedy against stinking smut; the Berkeley Rock varieties gives great promise because of its resistance. Michigan Agr. Exp. Stat. Quart. Bull. 7: 21-24. illus. Ag. 1924. no.1.

Neal, D.C., Chance, O.M., Barnhart, R.P. & Bynum, E.K.

Spraying experiments for pecan scab control in Mississippi in 1923. Mississippi Agr. Exp. Stat. Circ. 53. 4 p. Jl. 1924.*

Talbert, T.J.

Apple blotch control in Missouri. Missouri Agr. Exp. Stat. Circ. 124. 7 p. illus. Je. 1924. (Rec'd O.)

Stevens, O.A.

Perennial sow thistle. Growth and reproduction. North Dakota Agr. Exp. Stat. Bull. 181. 44 p. illus. Ag. 1924.

Literature cited: p.43-44.

Sonchus arvensis.

State Publications.

Gress, E.M.

The grasses of Pennsylvania. Bull. Pennsylvania Dept. Agr. 384 (v.7, no.5) 245 p. illus. My 1924. (Rec'd O.)

Bibliography: p.228-231.

Translations available in the Bureau of Plant Industry Library.

Palm, B.T.

De mosaiekziekte de tabak een chlamydozoonose? (Is the mosaic disease of tobacco a chlamydozoonose?) Bull. Deliproefst. Medan-Sumatra. 15. 10 p. 1922.

New Books.

Clute, W.N.

A dictionary of American plant names. Joliet, Ill., 1923. 215 p.

Cox, E.H.M.

Rhododendrons for amateurs. London, 1924.

Fedchenko, B.A.

Flora Rossiae Asiaticae [n.s.] fasc.1, 40 p. Petrograd, 1923 (Flora Rossica a Horto botanico petropolitano edita, Ser.I).

Fasc. 1. Primulaceae, pars 1, *Primula L.* elaboravit S.J. Turkevicz.



New Books (cont.)

Henry, T.A.

The plant alkaloids. Ed.2. London, 1924.

Holman, R.M. & Robbins, W.W.

A textbook of general botany for colleges and universities. New York, 1924.

590 p. illus.

Long, H.C.

Plants poisonous to live stock. 2d ed. rev. Cambridge, Engl. 1924.

Queensland, Department of agriculture and stock.

Citrus culture. Ed.8, Brisbane, 1924.

105 p. illus. 25 1/2 cm.

The diseases of citrus trees: p.39-73.

Stevens, W.C.

Plant anatomy from the standpoint of the development and functions of the tissues and Hand-book of micro-technic. Ed.4. Philadelphia, 1924.

398 p. illus.

Stone, W.

Joseph Leidy as a botanist. The Joseph Leidy commemorative meeting. Philadelphia, 1923. p.43-48. port.

Thompson, R.C.

The Assyrian herbal... A monograph on the Assyrian vegetable drugs... London, Luzac & co., 1924.

Wind, R.

Bijdrage tot de kennis van de plantaaridge looimiddelen en het vraagstuk der looistofvoorziening van Nederlandsch-Indië. Meded. Proefst. Boschweez, Nederl. Indië. 9. 301 p. plates. 1924.

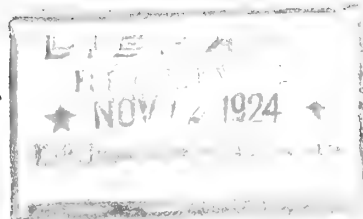
CURRENT AUTHOR ENTRIES

SPECIAL NOTICE

The "Current author entries" have so increased in size that the question as to some method of shortening them is becoming a serious one.

It has been the practice to include in the citations important notes, among which the "Literature cited" has been the most frequent. It seems probable that this note may not be of enough importance to users of the list to justify its inclusion, particularly when one takes into consideration how much it adds to the length of the list and to the time taken for its mechanical preparation.

Unless there is some expression of opinion to the contrary the "Literature cited" note will be dropped from the citations in future lists.



119
make
Agr. Circ. Dept. Agr. Fiji.
Campbell, J.G.C.

Prevention of plant disease. Agr. Circ. Dept.
Agr. Fiji. 5: 37-44. Ja.-Je. 1924 (Rec'd O.) no.1.

Agr. Gaz. N.S.W.

Birmingham, W.A.

A "shrivel" condition of grape berries. Agr.
Gaz. N.S.W. 35: 669-671. illus. S. 1924. no.9.
Due to adverse climatic conditions.

Noble, R.J.

Rhizoctonia scab in potatoes. Agr. Gaz. N.S.W.
35: 631-632. illus. S.1924. no.9.

Agr. Journ. India.

Stapf, O.

Elephant grass (*Pennisetum purpureum*, Schum.)
Agr. Journ. India. 19: 536-545. S.1924. no.5.

Venkatraman, T.S. & Thomas, R.

Simple contrivances for studying root development
in agricultural crops. Agr. Journ. India. 19: 509-
514. pl.xiii-xvi. S. 1924. no.5.

Agr. y Zootecn.

Barreto, E.T.

Plantas melíferas. Agr. y Zootecn. v.4, no.1.
p.19-21. illus. O.1924.

Arch. Suikerind. Ned. Indië.

Coert, J.H.

Aeginetia spec., een wortelparasiet op het
suikerriet. Arch. Suikerind. Ned.-Indië. 1924,
p.437-447. illus., plates. no.13.

Ber. Deut. Chem. Ges.

Wehmer, C.

Oxalsäure- und citronensäure-entstehung in
ihrer gegenseitigen beziehung bei verschiedenen
rassen des pilzes *Aspergillus niger*. Ber. Deut.
Chem. Ges. 57: 1659-1665. O.3, 1924. no.9.

Better Fruit.

Oil wrappers thwart scald. Better Fruit. v.19,
no.4. p.15. O.1924.

Better Homes & Gard.

Orton, W.A.

Good seed potatoes for the home garden. Better
Homes & Gard. v.3, no.3. p.14-15. illus. N.1924.

Biochem. Zeitschr.

Kahho, H.

Ueber die beeinflussung der hitzecoagulation
des pflanzenplasmas durch die salze der erdalkalien.
VI. Biochem. Zeitschr. 151: 102-111. 1924. no.1/2.

Biochem. Zeitschr. (cont.)

Lundegårdh, H.

Untersuchungen über die salzaufnahme der pflanzen.

I- Biochem. Zeitschr. 151: 296-309. S. 1924.
no. 3/4.

Literatur: p. 308-309.

VI. Morávek joint author.

I. Die gegenseitige beeinflussung der ionen.

Neuberg, C. & Gottschalk, A.

Beobachtungen über den verlauf der anaeroben
pflanzenatmung. Biochem. Zeitschr. 151: 167-
168. S. 1924. n. 1/2.

Biol. Zentralbl.

Lundegårdh, H.

Studien über die wirkung der pflanzenpatho-
logischen beizmittel. Biol. Zentralbl. 44: 465-
487. S. 1924. no. 9.

Popoff, M.

Zell- und saatzgutstimulation - und die reiz-
und düngungsverfahren. Biol. Zentralbl. 44: 458-
463. Ag. 1924. no. 8.

Bot. Gaz.

Bushnell, J.

Variation in vigor of sprouts from quarters of
single tubers. Bot. Gaz. 78: 233-236. illus.
O. 1924. no. 2.

Hanna, W.F.

Growth of corn and sunflowers in relation to
climatic conditions. Bot. Gaz. 78: 200-214.
O. 1924. no. 2.

Literature cited: p. 214.

Lee, S.C.

Factors controlling forest successions at Lake
Itasca, Minnesota. Bot. Gaz. 78: 129-174. illus.
O. 1924. no. 2.

Literature cited: p. 173-174.

Rhine, J.B.

Clogging of stomata of conifers in relation to
smoke injury and distribution. Bot. Gaz. 78:
226-232. O. 1924. no. 2.

Literature cited: p. 231-232.

Taylor, W.R.

The smear method for plant cytology. Bot.
Gaz. 78: 236-238. O. 1924. no. 2.

Turner, J.J.

Origin and development of vascular system of
Lycepodium lucidulum. Bot. Gaz. 78: 215-225.
illus. O. 1924. no. 2.

Literature cited: p. 225.

Wilson, C.L.

Medullary bundle in relation to primary vascular
system in Chenopodiaceae and Amaranthaceae. Bot.
Gaz. 78: 175-199. illus. O. 1924. no. 2.

Literature cited: p. 198-199.

Bot. Gaz. (cnt.)

Wilson, O.T.

The holdfast of *Chaetomorpha torta*. Bot.
Gaz. 78: 238-240. illus. O.1924. no.2.

Bot. Közlem.

Greguss, P.

A paraphylliumok fejlődéstörténeti jelentősége.
Bot. Közlem. 21: 70-73. illus. 1924. no.1-6.

German résumé (Die entwicklungsgeschichtliche
bedeutung der paraphyllien): p. (15)-(16).

Györfly, I.

Visszagyürt pikkelyvégű lucfenyő tobozok a
szepességen. Bot. Közlem. 21: 60-63. illus.
1924. no.1-6.

German résumé (Abnormal ausgebildete fichten-
zapfen zus der Zips): p. (9).

Moesz, G.

A növények gombaokozta betegségeiről szóló
ismeretek fejlődése hazánkban. Bot. Közlem.
21: 1-32. 1924. no.1-6.

Bibliography: p. 29-32.

German résumé (Die entwicklung der kenntnisse
über pilzkrankheiten der pflanzen in Ungarn): p. (1)-
(3).

Sántha, L.

Adatok tolna vármegye zuzmóflórájának ismeretéhez
Bot. Közlem. 21: 47-60. illus. 1924. no.1-6.

German résumé (Beiträge zur kenntnis der flechten-
flora des tolnauer komitates): p. (9),

Varga, Ferenc.

A *Succisella*- és *Succisa*-génusz összehasonlító
szövetteni vizsgálata és egybevetése a rokon-
génuszokkal. Bot. Közlem. 21: 32-47. illus.
1924. no.1-6.

A felhasznált irodalom jegyzéke: p.45-47.

German résumé (Vergleichende anatomische unter-
suchung der gattungen *Succisella* und *Succisa* mit
rücksicht auf die verwandten gattungen): p. (4)-(8),

Bot. Not.

Du Reitz, G.E.

Flechtensystematische studien. IV. Bot.
Not. 1924, p.328-342. no.4.

Falck, K.

Botaniska anteckningar fran västra medelpad och
sydöstra Jämtland. Bot. Not. 1924, p.343-360.
illus. no.4.

Citerad literatur: p.360.

Holmberg, O.R.

Bromi molles, eine nomenklatorische und
systematische untersuchung. Bot. Not. 1924,
p.313-328. no.4.

Bromus lepidus nov.nom.

Bot. Not. (cont.)

Lamprecht, H.

Die wasserabgabe grüner erbsen in freier und
dunstgesättigter luft. Bot. Not. 1924, p.361-
376. no.4.

Litteraturverzeichnis: p.376.

Magnusson, A.H.

New or interesting Swedish lichens II.
Bot. Not. 1924, p.377-391. no.4.

Brooklyn Bot. Gard. Leafl.

Gundersen, A.

Trees of the Brooklyn botanic garden and
Prospect Park. Brooklyn Bot. Gard. Leafl.
v.12, no.8-9. 8 p. O.15, 1924.

Bull. Dept. Agr. Bombay.

Joshi, K.V. & Gadkari, M.V.

Studies on the rice plant and on rice cultivation.
Bull. Dept. Agr. Bombay Pres. India. 114. 75 p.
illus., pl.i-vii. 1924.

List of references: p.75.

Bull. Jard. Bot. Buitenzorg.

Bakhuizen van den Brink, R.C.

Bombacaceae in India Batava orientali crescentes.
Bull. Jard. Bot. Buitenzorg. III, 6: 241-254. Jl.
1924 (Rec'd O.) no.2.

Contribution à l'étude de la flore des Indes
Néerlandaises IV.

Bakhuizen van den Brink, R.C.

Index bombacacearum quae anno 1923 in horto
botanico Bogoriensi coluntur. Bull. Jard. Bot.
Buitenzorg. III, 6: 255. Jl.1924 (Rec'd O.) no.2.

Bakhuizen van den Brink, R.C.

Revisio bombacacearum. Bull. Jard. Bot.
Buitenzorg. III,6:161-240. pl.26-38. Jl.1924.
(Rec'd O.) no.2.

Lam, H.J.

Index sapotacearum quae anno 1924 in horte botanico
Bogoriensi coluntur. Bull. Jard. Bot. Buitenzorg.
III, 6: 158-160. Jl.1924 (Rec'd O.) no.2.

Overeem, C.van.

Ueber *Ustulina vulgaris* Tul. und *U. zonata* (Lév.)
Sacc. Bull. Jard. Bot. Buitenzorg. III,6: 256-
263. Jl. 1924 (Rec'd O.) no.2.
Literaturübersicht: p.261-263.

Smith, Johannes J.

Index euphorbiacearum quae anno 1924 in horto
botanico Bogoriensi coluntur. Bull. Jard. Bot.
Buitenzorg. III, 6: 108-115. Jl. 1924 (Rec'd O.)
no.2.

Bull. Jard. Bot. Buitenzorg. (cont.)

Smith, J.J.

Plantae novae vel vriticae ex herbario et
horto Bogoriensi. III. Bull. Jard. Bot.
Buitenzorg. III,6: 73-107. Jl.1924. no.2.

Ultée, A.J.

Kautschukfreie milchsäfte. Bull.Jard.
Bot. Buitenzorg. III,6: 264-268. Jl.1924 (Rec'd
O). no.2.

Bull. Misc. Inform. Kew.

Boodle, L.A.

Mistletoe on oaks. Bull. Misc. Inform. Kew.
1924, p.331-333. no.8.

Turrill, W.E.

Galium flavicans. Bull. Misc. Inform. Kew.
1924, p.336. no.8.

Turrill, W.E.

On the flora of the Gallipoli Peninsula.
(cont.) Bull. Misc. Inform. Kew. 1924, p.305-
331. no.8.

Bull. Torr. Club.

Blake, S.F.

New South American Verbesinas. Bull. Torr.
Bot. Club. 51:421-436. O. 1924. no.10.

Rydberg, P.A.

Some senecoid genera II. Bull. Torr.Bot.
Club. 51: 409-420. O. 1924. no.10.
Odontotrichum.

Calif. Citrogr.

McPhee, D.

Fighting the forces of frost at Limoneira.
Calif. Citrogr. v.10, no.1. p.4, 34-35. illus.
N. 1924.

Canad. Field Nat.

Berry, E.W.

The food value of an Equisetum from the lance
formation of Saskatchewan. Canad. Field Nat.
38: 131-132. plate. S.1924. no.7.

Chaparra Agr.

Calvino, E.M. de.

Botanica de la caña de azúcar. (cont.)
Chaparra agr. v.1, no.6. p.15-18. O. 1924.

Calvino, E.M.de.

Critica del método Jeswiët para la identifi-
cación de las variedades de caña de azúcar.
Chaparra Agr. v.1, no.6. p.19-24. O. 1924.

Compt. Rend. Acad. Agr. France.

Rivier, A.

Influence de l'eau sur le blé et l'avoine
avant et après apparition de l'inflorescence.
Compt. Rend. Acad. Agr. France. 10: 777-785.
O.8, 1924. no.27.

Compt. Rend. Acad. Sci. Paris,

Lenoir, M.

Le noyau de la cellule mère du sac embryonnaire chez le *Fritillaria imperialis* observé pendant son évolution prosynaptique. Compt. Rend. Acad. Sci. Paris, 179: 698-700. O.13, 1924. no.15.

Munerati, O.

Observations sur la montée à graine des betteraves la première année. Compt. Rend. Acad. Sci. Paris. 179: 604-606, S.29, 1924. no.13.

Compt. Rend. Soc. Biol. Paris.

Sanchez y Sanchez, M.

La vie latente de la plantule. Compt. Rend. Soc. Biol. Paris. 91: 827-828. O.7, 1924. no.28.

Santos, M. & Criado, F.G.

Sur la prétendue anaphylaxie chez les végétaux. Compt. Rend. Soc. Biol. Paris. 91: 820-821. O.7, 1924. no.28.

Deut. Landw. Presse.

Gerlach,

Künstliches wachstum der pflanzen, ertragssteigerung. Deut. Landw. Presse. 51: 460. O.4, 1924. no.40.

Meyer, D.

Der einfluss von chlormagnesium und quecksilberhaltigen beizmitteln auf den pflanzenenertrag. Deut. Landw. Presse. 51: 461-462. illus. O.4, 1924. no.40.

Ecology.

Cannon, W.A.

A note on the relation of root growth in the soil to the oxygen supply: the growth ratio. Ecology. 5: 319-321. O.1924. no.4.

Conard, H.S.

Second survey of the vegetation of a Long Island salt marsh. Ecology. 5: 379-388. O.1924. no.4.

Pearson, G.

Studies in transpiration of coniferous tree seedlings. Ecology. 5: 340-347. illus. O. 1924. no.4.

Robertson, C.

Phenology of entomophilous flowers. Ecology. 5: 393-407. O.1924. no.4.
Literature cited: p.407.

Uphof, J.C.Th.

Ecological observations on plants of the marshes and swamps of central Cuba. Ecology. 5: 363-371. illus. O.1924. no.4.

Facts about Sugar.

Earle, F.S.

Sugar cane mosaic and sugar cane chlorosis. Superficial resemblance often a cause of confusion. How to distinguish chlorosis from mosaic. Facts about Sugar. 19: 372. O.18, 1924. No.16.



Flor. Rev.

Griffiths, D.

Lilium regale tried as forcer. Flor. Rev.
v. 54, no. 1405. p. 33-34. illus. O. 16, 1924.

Flow. Grow.

Robinson, C.H.

Cactus and notable dune flowers. Flow. Grow.
11: 441-443, 466. illus. N. 1924. no. 11.

Robinson, Mrs. F.W.

Iris lacustris (lake iris) Flow. Grow. 11:
424. N. 1924. no. 11.

Forstwissensch. Centralbl.

Wimmer, G.

Beiträge zur biologie der kiefer. Forstwissen-
sch. 46: 534-554. illus. C. 1924. no. 13.

Garden.

Jackman, A.G.

The large-flowered hybrid clematisses. Garden.
88: 693-694. illus. O. 11, 1924. no. 2760.

Mead, F.B.

A new hybrid *Hemerocallis*. Garden. 88: 703.
illus. O. 11, 1924. no. 2760.
Hemerocallis (Hyperion)

Gard. Mag. & Home Builder.

Sloan, A. L.

Storied gardens of the Old South. Gard. Mag. &
Home Builder. 40: 165-167. illus. N. 1924. no. 3
Michaux's garden, Middleton place &c.

Gard. Chron.

Friend, H.

Garden-craft in the Canticles VII. Gard.
Chron. III, 76: 268. O. 18, 1924. no. 1973.

James Britten. Gard. Chron. III, 76: 275. O.
18, 1924. No. 1973.

Notice of death (Oct. 8th)

Dr. W.B. Hemsley. Gard. Chron. III, 76: 275-
276. O. 18, 1924. No. 1973.

Notice of death (Oct. 8th)

Lynch, R.I.

Platanus digitata, Gordon, and *P. cantabrigensis*,
Henry. Gard. Chron. III, 76: 250-251. illus.
O. 11, 1924. no. 1972.

Maxwell, H.

The germinating power of seeds. Gard. Chron.
III, 76: 269. O. 18, 1924. no. 1973.

Pyrola minor appearing on a drained lake bottom.

Gard. Chron. (cont.)

Salmon, E.S. & Ware, W.M.

An endemic *Peronospora* on the hop in England.

Gard. Chron. III, 76: 265. O.18, 1924. no.1973.

P.urticae not uncommon on the nettle, "is in its characters closely similar to, if not identical with the species on the hop," not yet determined whether the two are really distinct.

Ward, F.K.

Rhododendrons. (cont.) Gard. Chron. III,

76: 255, 264. O.11, 18, 1924. no.1972-3.

Gartenw.

Laubert, R.

Die welkekrankeheit der astern. Gartenw.

28: 463-464. illus. O.3, 1924. no.40.

Gartn.-Tid.

Weber, A.

Plantesygdomme i England, Gartn.-Tid. 40:

481-485. illus. O.7, 1924. no.41.

Geogr. Rev.

Harshberger, J.W.

The gardens of the Faeroes, Iceland, and

Greenland. Geogr. Rev. 14: 404-415. Jl.1924.

(Rec'd.O.) no.3.

House & Gard.

Wilson, E.H.

Mid-season flowering trees and shrubs. House &

Gard. 46: 64-65, 138, 140, 142. illus. No. 1924.

no.5.

Intern. Sugar Journ.

Barber, C.A.

Sugar cane diseases in Australia and their control. Intern. Sugar Journ. 26: 522-528.

O.1924. no.310.

Lee, H.A.

Present needs in cane disease control. Intern.

Sugar Journ. 26: 543-545. O. 1924. no.310.

Rosenfeld, A.H.

The cause of mosaic disease of sugar cane. A step toward the solution of this mystery.

Intern. Sugar Journ. 26: 535-536. O. 1924. no.310.

Quotes from article by F. Schikora in *Vossische Zeitung* of May 27, 1924, which gives an account of the work of Frosch and Dahmen, German bacteriologists on the virus of the "Foot and mouth disease" which gives hope that the organism causing mosaic of sugar cane may similarly be brought to light.

Jahrb. Wiss. Bot.

Porsch, O.

Vogelblumenstudien I-

Jahrb. Wiss. Bot.

63: 553-706. illus., pl. ii. S.1924. no.4.

Jahrb. Wiss. Bot. (cont.)

Schürhoff, P.N.

Zytologische untersuchungen in der reihe der geraniales. Jahrb. Wiss. Bot. 63: 707-759.

illus. S.1924. no.4.

Literaturverzeichnis: p. 757-759.

Journ. Amer. Soc. Agron.

Jones, J.W.

Observations on the time of blooming of rice flowers. Journ. Amer. Soc. Agron. 16: 665-

670. O.1924. no.10.

Literature cited: p.670.

Kiessellbach, T.A.

Relation of seed size to the yield of small grain crops. Journ. Amer. Soc. Agron. 16: 670-

682. illus. O.1924. no.10.

Literature cited: p.680-682.

Stanton, T.R. & Coffman, F.A.

Natural crossings in oats at Akron, Colorado.

Journ. Amer. Soc. Agron. 16: 646-659. O.1924.

no.10.

Literature cited: p.659.

Journ. Arnold Arb.

Rehder, A.

Enumeration of the ligneous plants of northern

China II. Journ. Arnold Arb. 5: 137-224.

Jl. 1924 (Rec'd O.) no.3.

Journ. Biol. Chem.

Anderson, E.J.

A contribution to the chemistry of grape pigments. III. Concerning the anthocyanins in Seibel

grapes Journ. Biol. Chem. 61: 685-694.

O.1924. no.3.

Youngburg, G.E. & Pucher, G.W.

Studies on pentose metabolism. I- Journ.

Biol. Chem. 61: 741-746. O.1924. no.3.

Bibliography: p.746.

I. A colorimetric method for the estimation of furfural.

Journ. Econ. Entom.

Herbert, F.B.

Spray stimulation. Journ. Econ. Entom. 17: 567-572. pl. 11. O.1924. no.5.

Stimulation of deciduous fruit trees noted from use of a number of different sprays, but greatest amount has occurred after using the heavy types of miscible oils.

Journ. Hered.

Kempton, J.H.

Jala maize. A giant variety from Mexico.
Journ. Hered. 15: 337-344. illus. Ag. 1924
(Rec'd Oct.) no. 8.

Woodworth, C.M. & Cole, L.J.

Mottling of soybeans. Journ. Hered.
15: 349-354. illus. Ag. 1924 (Rec'd O.)
n. 8.

Literature cited: p. 354.

Journ. Madras Agr. Stud. Union,

Maruda Rajan, D.

A new remedy for the potato ring disease.
Journ. Madras Agr. Stud. Union. 12: 281-284.
Jl. 1924 (Rec'd O.) no. 7.

Dry heat.

Thomas, K.M.

Some coffee diseases of South India and their
control. Journ. Madras Agr. Stud. Union. 12:
250-257. Jl. 1924. (Rec'd O.) no. 7.

"Rust" (*Hemileia vastatrix*); kole-roga or black
rot; leaf-spot and die-back; root diseases; a new
disease, "black bean" or "jollu."

Journ. N.Y. Bot. Gard.

The chestnut blight. Journ. N.Y. Bot. Gard.
25: 274-275. O. 1924. no. 298.

Chrysler, M.A.

Harnessing the sun: can botanists solve the
motor-fuel problem? Journ. N.Y. Bot. Gard. 25:
266-268. O. 1924. no. 298.

Seaver, F.J.

Botanizing in Trinidad. Journ. N.Y. Bot.
Gard. 25: 268-270. O. 1924. no. 298.

Small, J.K.

Whence came our orchids? Some aspects of the
why and wherefore. Journ. N.Y. Bot. Gard. 25:
261-266. O. 1924. no. 298.

Williams, R.S.

Fruiting of the maidenhair-fern tree. Journ.
N.Y. Bot. Gard. 25: 271-272. O. 1924. no. 298.

Journ. Roy. Micr. Soc.

Searle, G.O.

The mass production of sections of flax stems.
Journ. Roy. Micros. Soc. 1924, p. 281-288. pl.
xviii. S. 1924. no. 3.
Reference: p. 288.

Journ. Wash. Acad. Sci.

Leonard, E.C.

New plants from the Dominican Republic. Journ.
Washington Acad. Sci. 14: 413-417. O. 19, 1924.
no. 17.

Landscape Arch.

Whitney, J.F.

The gardens of the Alcazar, Seville, Spain.
Landscape Arch. 15: 1-15. illus. O.1924. no.1.

Wister, J.C.

Lilac notes. Landscape Arch. 15: 38-40.
O.1924. no.1.

Maine Naturalist.

Norton, A.H.

Some of the more conspicuous plants of Mount
Ktaadn. Maine Naturalist. 4: 77-82. Ag.1924.
no.3.

Meded. Rijksboschbouwproefst. Wageningen.

Goethart, J.W.C., Tesch, P., Hesselink, E. & Dijt, M.D.
Cultuur-en waterleidingbelangen, Uittreksel uit
het rapport inzake het verband tusschen wateront-
trekking en plantengroei. Meded. Rijksbosch-
bouwproefst. Wageningen, v.1, no.3. p.5-28. Je.
1924.

French summary (Des intérêts de la culture et
de la conduite des eaux): p.19-28.

Hesselink, E.

Eenige waarnemingen bij het drogen van grove
dennenkegels in het seizoen 1923/24. Meded.
Rijksboschbouwproefst. Wageningen, v.1, no.3.
p.29-37. Je. 1924 (Rec'd O.)

German résumé (Einige beoachtungen beim trocknen
von keifernzapfen im winter 1923-24): p.36-37.

Meld. Norges Landbruks.

Træen, A.E.

Undersøkelser over sulgine. Meld. Norges
Landbruks. 1924, p.194-200. no.4.
Litteratur: p.200.
English summary: p.200.

Nachrichtenbl. Deut. Pflanzenschutzd.

Beizt das saatgetreide. Nachrichtenbl. Deut.
Pflanzenschutzd. 4(Beilage). O.1, 1924. no.10.

Bremer, H.

Die wirkung des kalks bei der kohlhernie
bekämpfung. Nachrichtenbl. Deut. Pflanzenschutzd.
4: 73-74. O.1, 1924. no.10.

Lüstner, G.

Ueber das auftreten der Plasmopara viticola
Berlese et de Toni auf Ampelopsis veitchii im
Rheingau. Nachrichtenbl. Deut. Pflanzenschutzd.
4: 74-75. O.1, 1924. no.10.

Naturwissenschaften.

Wangerin, W.

Neuere pflanzensoziologische literatur. Sammel-
bericht, Naturwissenschaften. 12: 843-847.
O.10, 1924. no.41.
Literatur: p.847.

New Zealand Journ. Agr.

Neill, J. C.

- Loose smut of wheat. New Zeal. Journ. Agr.
29: 177-187. illus. S.1924. no.5.
Literature consulted: p.187.
I. Seed-disinfection by hot water.

Orchid Rev.

Ghose, B.N.

- Flowering season of temperate Himalayan orchids.
Orchid Rev. 32: 302-304. O.1924. no.376.

Mousley, H.

- Further notes on the underground development of
Spiranthes romanzoffiana and *S.cernua*. Orchid Rev.
32: 295-300. illus. C.1924. no.376.

Philipp. Agr. Rev.

Reyes, G.M. & Serrano, F.B.

- The use of fungicides in the Philippines.
Philipp. Agr. Rev. 17: 127-133. 1924. no.2.

Plant. Chron.

Ashplant, H.

- Prevention of secondary leaf fall. Success of
spraying measures. Plant. Chron. 19: 661-662.
S.27, 1924. no39.

Proc. Amer. Soc. Hort. Sci.

Auchter, E.C. & Schrader, A.L.

- Fruit spur growth and fruit bud production.
Proc.Amer. Soc. Hort. Sci. 20: 127-144. 1924.

Boswell, V.R.

- Influence of the time of maturity of onions on
the behavior during storage, and the effect of
storage temperature on subsequent vegetative and
reproductive development. Proc. Amer. Soc.Hort.
Sci. 20: 234-239. 1924.

Boswell, V.R.

- Influence of the time of maturity of onions
upon the rest period; dormancy, and responses to
various stimuli designed to break the rest period.
Proc. Amer. Soc. Hort. Sci. 20: 225-233. 1924.

Burroughs, A.M.

- Effects of oil sprays on fruit trees. Proc.
Amer. Soc. Hort. Sci. 20: 269-277. 1924.

Literature cited: p.277A.

Bushnell, J.

- The effect of temperature on the potato plant.
Proc. Amer. Soc. Hort. Sci. 20: 307-310. 1924.

Cameron, S.H.

- Storage of starch in the pear and apricot.
Proc. Amer. Soc. Hort. Sci. 20: 98-100. 1924.

Carpenter, C.C. & Stafford, I.B.

- A proposed key to commercial apples. Proc.
Amer. Soc. Hort. Sci. 20: 294-307. 1924.

Proc. Amer. Soc. Hort. Sci. (cont.)

Connors, C.E.

Color control in forcing Hydrangeas. Proc.
Amer. Soc. Hort. Sci. 20: 282-288. 1924.
Bibliography: p.287-288.

Darrow, G.M.

Viburnum americanum as a garden fruit. Proc.
Amer. Soc. Hort. Sci. 20: 44-54. 1924.

Dorsey, M.J.

Symposium on crown gall inspection. Proc.
Amer. Soc. Hort. Sci. 20: 255-256. 1924.

Drain, B.D.

Oxidase activity in varieties of apples. Proc.
Amer. Soc. Hort. Sci. 20: 25-30. illus. 1924.
Literature cited: p.30.

Dutton, W.C. & Wells, H.M.

Some physiological effects of Bordeaux. Proc.
Amer. Soc. Hort. Sci. 20: 277-281. 1924.
Literature cited: p.281.

Garner, C.A.

Studies in sweet corn germination in relation to
the effects of moisture content and temperature.
Proc. Amer. Soc. Hort. Sci. 20: 166-175. 1924.
Abridged bibliography: p.174-175.

Gourley, J.H.

Seventy-five years of American horticulture.
Proc. Amer. Soc. Hort. Sci. 20: 257-268. 1924.

Heinicke, A.J.

The set of apples as affected by some treatments
given shortly before and after the flowers open.
Proc. Amer. Soc. Hort. Sci. 20: 19-25. 1924.
Literature cited: p.25.

Hodgson, F.R.

Observations on the rest period of deciduous
fruit trees in a mild climate. Proc. Amer.
Soc. Hort. Sci. 20: 151-155. 1924.
Literature cited: p.155.

Hoffman, I.C.

The possible relation of anthocyan pigments to
summer injury in potatoes and sweet corn. Proc.
Amer. Soc. Hort. Sci. 20: 188-191. 1924.

Hovlett, F.S.

Nitrogen and carbohydrate composition of the
developing flowers and young fruits of the apple.
Proc. Amer. Soc. Hort. Sci. 20: 31-37. 1924.

Jones, E.A.

Pollination and self-fertility in the onion.
Proc. Amer. Soc. Hort. Sci. 20: 191-197. 1924.
Literature cited: p.197.



Proc. Amer. Soc. Hort. Sci. (cont.)

MacDaniels, L.H.

Cross pollination between the Reine Claude and
Burbank plums. Proc. Amer. Soc. Hort. Sci. 20:
123-127. 1924.

References: p.127.

Magness, J.R.

Preliminary report upon the influence of climatic
conditions on the ripening processes in apples.

Proc. Amer. Soc. Hort. Sci. 20: 108-113. 1924.

Rosa, J.E.

Abbreviation of the dormant period in potato
tubers. Proc. Amer. Soc. Hort. Sci. 20: 150-187.
1924.

Literature: p.156.

Sax, K.

Bud and root selection in the propagation of the
apple. Proc. Amer. Soc. Hort. Sci. 20: 244-250.

1924.

Schneck, H.W.

Pollination studies with greenhouse tomatoes.

Proc. Amer. Soc. Hort. Sci. 20: 198-206. 1924.

Tapley, W.T.

The fruiting habit of the squash. Proc. Amer.
Soc. Hort. Sci. 20: 312-319. 1924.

Literature cited: p.319.

Thompson, H.C.

Factors influencing early development of seed
stalk of celery. Proc. Amer. Soc. Hort. Sci. 20:
219-224. 1924.

Vinson, C.G.

Growth and composition of some shaded plants.

Proc. Amer. Soc. Hort. Sci. 20: 293-294. 1924.

Vinson, C.G.

Secondary flowering of the apple. Proc. Amer.
Soc. Hort. Sci. 20: 37-41. 1924.

Proc. Assoc. Off. Seed Anal. No. Amer.

Davis, W.E.

The germination of lettuce seed. Proc. Assoc.
Off. Seed Analysts. 16: 71-73. Je. 1924 (Rec'd O.)

Hopkins, E.F.

Studies on lettuce seed germination. Proc.
Assoc. Off. Seed Analysts. 16: 63-69. Je. 1924 (Rec'd
O.)

Proc. Assoc. Off. Seed Anal. No. Amer. (cont.)

Lute, A. M.

A special form of delayed germination in wheat.
Proc. Assoc. Off. Seed Analysts. 16: 23-28. illus.
Je. 1924 (Rec'd O.)

Rodriguez, G.

Studies of influence of heat and cold on germination of hard seeds in alfalfa and sweet clover.
Proc. Assoc. Off. Seed Analysts. 16: 75-76. Je. 1924
(Rec'd O.)

Toole, E. H.

The germination of cotton seed. Proc. Assoc.
Off. Seed Analysts. 16: 64-66. Je. 1924 (Rec'd O.)

Whitcomb, W. O.

Dormancy of newly threshed grains. Proc. Assoc.
Off. Seed Analysts. 16: 28-33. illus. Je. 1924 (Rec'd O.)
Report on additional work to that discussed in
paper published in 1923.

Publ. Min. Zeméd. Czecho-slovak Rep.

Stoklasa, J. & Matcousek, A.

Výživa řepy cukrové. Publ. Min. Zeméd.
Czecho-slovak Rep. 1924, no. 9, 238 p. illus.,
pl. i-xix.

Sugar beet.

Literatura: p. 223-233.

Quart. Summary Roy. Bot. Soc. London.

North, J. L.

Lathraea clandestina. Quart. Summary Roy.
Bot. Soc. London. no. 22. p. 6-8. O. 1924.
Parasitic plant.

Rep. Dept. Agr. Govt. Res. Inst. Formosa, Japan.

Takenouchi, Y.

The seed abscission in rice plant of Formosa.
Rep. Dept. Agr. Govt. Res. Inst. Formosa, Japan.
no. 3. 17 p. plates. D. 1923 (Rec'd O. 1924)

Bibliography: p. 17.

In Japanese.

Rev. Bot. Appl.

Dewey, L. H.

A propos de l'agave du Sud-Annam. Rev. Bot.
Appl. 4: 583-594. S. 1924, no. 37.

Translation of communication of Mr. Dewey, followed by observations by A. Chevalier & A. Robertson-Proschowsky. Chevalier determines the agave of Annam as *Agave cantala*, Roxb.

Foëx, E.

Histoire de l'introduction de quelques nouvelles maladies des plantes. Rev. Bot. Appl. 4: 561-568. S. 1924. no. 37.

Wildeman, E. de.

Le Palmier à huile dans les Indes Néerlandaises.
Rev. Bot. Appl. 4: 580-586. S. 1924. no. 37.

Review of Hunger's *De Olieplam...* 1924.

Rev.Eaux et For.

Buffault, P.

Les premiers écrivains forestiers français.
Rev. Eaux et For. 62: 345-356, 397-407. Ag.-S.
1924. no.8-9.

Dufrénoy, P.

Les conditions physiologiques de la production
de la résine et les pratiques de gemmage. Rev.
Eaux et For. 62: 408-413. S.1924. no.9.

Schweiz. Zeitschr. Forstw.

Fischer, E.

Weitere beobachtungen über die im Botanischen
garten in Bern kultivierten schlangenfichten. Ein
beitrag zur kenntnis der knospenzitationen.
Schweiz. Zeitschr. Forstw. 75: 301-304. pl.
O. 1924. no.10.

Science.

Baker, E.P.

After one hundred years. Science. 60: 371-
374. O.24, 1924. no.1556.

On the hundredth anniversary of the foundation
of Rensselaer polytechnic institute.

Rosen, H.R.

The control of damping off of cotton seedlings
by the use of uspulun. Science. 60: 394.
O.24, 1924. no.1556.

Scient. Month.

Show, S.B.

The management of forest properties in the
California pine region as a problem in applied
ecology. Scient. Month. 19: 548-551. illus.
N. 1924. no.5.

Soil Sci.

Miyake, K., Tamachi, I. & Konno, J.

The influence of phosphate, biphosphate,
carbonate, silicate and sulfate of calcium,
sodium and potassium on plant growth in acid
mineral soils. Soil Sci. 18: 279-309. il-
lus. O. 1924. no.4.

References: p.294-296.

Tidmore, J.W. & Parker, F.W.

Methods of studying the strength of soil acids.
Soil Sci. 18: 331-338. O.1924. no.4.

References: p.338.

Tectona.

Altona, T.

Boschen en hout op Java in Chineesche
geschriften. Tectona. 17: 792-802. S.1924.
no.9.

Tidsskr, Planteavl.

Helibo, E.

Nogle kendotegn, hvorved frø af rapgræsarterne
kan bestemmes. Tidsskr, Planteavl. 30: 760-769,
illus. 1924.

Litteraturfortegnelse: p.768,

English summary (Some criteria by means of which
seed of the Poa species can be determined): p. 768-769.



Torreya.

Britton, E.

A trip to El Yunque, Porto Rico. Torreya,
24: 83-86. S.O. 1924. no.5.

Grier, N.H.

Unreported plants from Long Island. I-
Torreya. 24: 71-76. S.-O. 1924. no.5.

Bibliography: p.75-76.

I. Pteridophyta and spermatophyta.

Harper, E.M.

A new heart-leaf and other interesting plants
from Autauga County, Alabama. Torreya. 24:
77-83, illus. S.-O.1924. no.5.

Small, J.K.

A new bog-asphodel from the mountains. Torreya,
24: 86-87. S.-O. 1924. No.5.

Abama montana, sp.nov.

Taylor, N. & Hill, H.S.

Crowberry at Montauk, Long Island. Torreya.
24: 87. S.-O 1924. no.5.

U.S.Dept.Agr. Bull.

Griffiths, D.

The production of narcissus bulbs. U.S.Dept.
Agr. Bull. 1270. 31 p. pl. i-ix. O.11, 1924.

Johnson, J.

Tobacco diseases and their control. U.S.Dept.
Agr.Bull.1256. 56 p. illus., pl.i-xvii. O.13,
1924.

Bibliography: p.50-56.

U.S.Dept. Agr. Circ.

Kinman, C.F.

Plum and prune growing in the Pacific states.
U.S.Dept.Agr.Farm. Bull.1372. 59 p. illus.
Ag, 1924.

U.S.Dept.Agr. Farm.Bull.

Darrow, G.M.

Dewberry growing. U.S.Dept.Agr. Farm.Bull.
1403. 18 p. illus. Je.1924 (Rec'd O.)

Galloway, B.T.

How to collect, label, and pack living plant
material for long-distance shipment. U.S.Dept.
Agr. Agr.Circ. 323. 11 p. pl.i-x. S.1924.

Univ. Calif. Publ.Agr.Sci.

Reed, H.S.

Growth and differentiation in apricot trees.
Univ. Calif. Publ. Agr. Sci. 5: 1-55. S.1924.
no.1.

Literature cited: p.55.

Univ. Calif. Publ. Bot.

Merrill, E. D.

New species of plants from Indo-China. Univ.
Calif. Publ. Bot. 10: 423-430. C. 1924. no. 9.

Verslag. Intern. Tuinbouw-Congr. Amsterdam.

Bateson, W.

Somatic segregation in plants. Verslag Intern.
Tuinbouw-Congr. Amsterdam. 1923, p. 155-158. (Rec'd
O. 1924).

Résumés in Dutch, French and German: p. 156-158.

Daniel, L.

Les hybrides de greffe. Verslag Intern. Tuinbouw-
Congr. Amsterdam. 1923, p. 175-193. illus. (Rec'd
O. 1924)

Résumés in Dutch, English and French: p. 190-193.

Hatton, R. G.

The influence of root stock upon the tree fruits.
Verslag. Intern. Tuinbouw-Congr. Amsterdam. 1923,
p. 94-117. illus. (Rec'd O. 1924)

References: p. 111-112.

Résumés in Dutch, French and German: p. 112-117.

Krelage, E. H.

The development of the dahlia. Verslag. Intern.
Tuinbouw-Congr. Amsterdam. 1923, p. 42-60. (Rec'd O.
1924.)

Résumés in Dutch, French and German: p. 53-60.

Pannett, R. C.

The genetical analysis of the sweet pea (*Lathyrus*
odoratus). Verslag Intern. Tuinbouw-Congr.
Amsterdam. 1923, p. 201-206. (Rec'd O. 1924)

Schindler,

Beitrag zur frage der obstunterlagen. Verslag
Intern. Tuinbouw-Congr. Amsterdam. 1923. p. 118-131.
(Rec'd O. 1924)

Résumés in Dutch, English and French: p. 122-131.

Tschermak, E.

Ueber varietäten- und specieshybriden bei
primeln. Verslag Intern. Tuinbouw-Congr. Amsterdam.
1923. p. 139-155. (Rec'd O. 1924)

Résumés in Dutch, English and French: p. 154-155.

Westerdijk, J.

Relations between horticulture and plant pathology.
Verslag. Intern. Tuinbouw-Congr. Amsterdam. 1923. p. 25-
41. (Rec'd O. 1924)

Résumés in Dutch, German and French: p. 36-41.

Zeitschr. Bot.

Ullrich, H.

Die rolle der chloroplasten bei der eiweissbil-
dung in den grünen pflanzen. Zeitschr. Bot. 16:
513-562. illus. 1924. no. 9.

Verzeichnis der zitierten literatur: p. 559-562.

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Oehlkers, F.

Sammelreferat über neuere experimentelle
oenotherenarbeiten. Zeitschr. Indukt. Abstamm.
u. Vererbungsl. 34: 259-283. 1924. no.4.
Literatur: p.282-283.

Schiemann, E.

Neuere genetische arbeiten über getreide.
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 35:
106-112. 1924. no.1.

Stein, E.

Zur genetik und phylogenetik der gattung Salix.
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 34: 249-258.
1924. no.4.
Literatur: p.258.

Zhurn. Opytn. Agron. (Journ. Exp. Agr.)

Maksimov, N.A.

[Drought resistant plants from a physiological
viewpoint.] Zhurn. Opytn. Agron. 22: 173-
186. 1924.
In Russian.

Poplavska, G.

Zur oekologie der schmele (Aira caespitosa L.)
Zhurn. Opytn. Agron. 22: 123-148. 1924.
Russian, German resumé: p.147-148.

Exper. Stat. Publ.

Elliott, J.A.

Tomato wilt and its control in Arkansas. Arkan-
sas. Agr. Exp. Stat. Bull. 194. 11 p. pl.1-5.
S. 1924.
Literature cited: p.11.

Dye, H.W. & Newhall, A.G.

The control of bacterial blight of celery by
spraying and dusting. Cornell Agr. Exp. Stat.
Bull. 429. 30 p. illus. Je. 1924 (Rec'd O.)
Discusses also late blight (Septoria apii) &
early blight (Cercospora apii)

Bessey, E.A.

Report of the section of botany for the year ending
June 30, 1923] Ann. Rep. Mich Agr. Exp. Stat. 36:
210-216. 1924.

Includes Report on the work in plant physiology
by R.P. Hibbard. p.210-213. and Report of plant
pathology by G. H. Coons: p.213-216.

Barker, H.D.

A study of wilt resistance in flax. Minnesota
Agr. Exp. Stat. Techn. Bull. 20. 42 p. pl.i-xiv.
N. 1923 (Rec'd O. 1924)
Literature cited: p.41-42.

Exper. Stat. Publ. (cont.)

Beckwith, C.S.

Blueberry culture. New Jersey Agr. Exp. Stat.
Circ. 170. 3 p. illus. S. 1924.

State Publications.

Durrell, L.W.

Dry rots of corn and their control. Iowa
Univ. Ext. Serv. Agr. & Home Econ. Ext. Bull. 122. 8 p.
illus. Je. 1924.

New Books.

Castle, W.E.

Genetics and eugenics. A text-book for students of
biology and a reference book for animal and plant breeders.
Cambridge, Harvard university press, 1924.

Hawkins, P.H.

The trees and shrubs of Yellowstone national park.
1924.

Iltis, H.

Gregor Johann Mendel, leben werk und wirkung.
Berlin, J. Springer, 1924.

North American flora. Rosales, Fabaceae, Galegeae
(pars) by P.A. Rydberg. v.24, pt.4. p.201-
250. O.4, 1924.

Trier, G.

Chemie der pflanzenstoffe. Berlin, Born-
traeger, 1924.

Translations available in the Bur. of Plant Industry Library.

Akerman, A.

Sommarens gulrostangrepp på vetet (Attacks
of yellow rust upon wheat during the summer)
Sver. Utsädesför. Tidsskr. 33: 262-267. 1923. no.5.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 148.
Nov. 3 - Nov. 14, 1924.

Agricultura (Santiago de las Vegas)

Barreto, B.T.

Algo sobre la estirpación del mosaico. Agricultura (Santiago de las Vegas) v.2, no.1. p.8-9. O. 1924.

Agron. Colon.

Costantin, J.

Quelques remarques sur les maladies du cotonnier. Agron. Colon. 11: 1-6. illus. Jl. 1924 (Rec'd N.) no.79.

Noachovitch, G.

Le parasolier *Musanga smithii* R.Br. Agron. Colon. 10: 177-187. illus. Je. 1924; 11: 19-23, 48-54. illus., pl. Jl.-Ag. 1924 (Rec'd N.) no.73-80.

Agros.

Demolin, M.

Comparación sobre la inmunidad en las especies animales y vegetales. Agros. IV, 1: 51-53. no.1. S. 1924.

Guarch, A.M.

Tres géneros de gramináceas nuevas para el Uruguay. Agros. IV, 1: 66-71. illus. S. 1924. no.1.

Dactyloctenium aegypticum, *Antheophora hermaphrodita*, *Aira caryophyllea*, n.sp.

Amer. For. & For. Life.

The passing of Romeyn B. Hough. Amer. For. & For. Life. 30: 671. port. N. 1924. no.371.

Amer. Fruit Grow. Mag.

Peltier, G.L.

Present status of citrus canker problem. Amer. Fruit Grow. Mag. v.44, no.11. p.5, 19, illus. N. 1924.

Thayer, P.

Tree surgery for the fruit grower. Amer. Fruit Grow. Mag. v.44, no.11. p.7, 16, 28. illus. N. 1924.

Amer. Journ. Sci.

Holm, T.

Ilysanthes, *Scrophularia* and *Linaria*. Amer. Journ. Sci. V, 8: 395-410. illus. N. 1924. no.47.

Amer. Nat.

Frost, H. B. & Mann, M.C.

Mutant forms of *Matthiola* resulting from non-disjunction. Amer. Nat. 58: 569-572. N.-D. 1924. no.659.



Ann. Jard. Bot. Buitenzorg.

Cammerloher, H.

Die resupination der blüten von *Canavalia ensiformis* D.C. Ann. Jard. Bot. Buitenzorg. 34: 19-44. pl. iv. 1924. no. 1A.

Coster, Ch.

Lauberneuerung und andere periodische lebensprozesse in dem trockenen monsun-gebiet Ost-Java's. Ann. Jard. Bot. Buitenzorg. 33: 117-190. pl. xviii-xix. 1923 (Rec'd N. 1924) no. 2.

Coster, Ch.

Die physiologische und pathologische kernholzbildung bei *Tectona grandis* L. f. nebst bemerkungen ueber die bildung des wandholzgummis. Ann. Jard. Bot. Buitenzorg. 34: 1-17. pl. i-iii. 1924. no. 1A.

Fleischer, M.

Beitrag zur laubmoosflora der vulkan-insel Krakatau. Ann. Jard. Bot. Buitenzorg. 33: 105-109. 1923 (Rec'd N. 1924) no. 2.

La Rivière, H.C.C.B.

Note additionelle sur l'épaississement du Gnetum. Ann. Jard. Bot. Buitenzorg. 33: 110-116. pl. xv-xvi. 1923 (Rec'd N. 1924) no. 2.

Rutgers, F.L.

Reliquia treubianae III. Embryosac and embryo of *Moringa oleifera* Lam. The female gametophyte of angiosperms. Ann. Jard. Bot. Buitenzorg. 33: 1-66. pl. i-vi. 1923. no. 1.

Ann. Rep. Dept. Agr. Bombay.

Ajrokar, S.L.

Report of work done in the plant pathology section during the year 1922-23. Ann. Rep. Dept. Agr. Bombay Pres. 1922/23. p. 167-171. 1924.

S. L. Ajrokar plant pathologist until Ja. 27, 1923 - temporarily under control of Economic botanist.

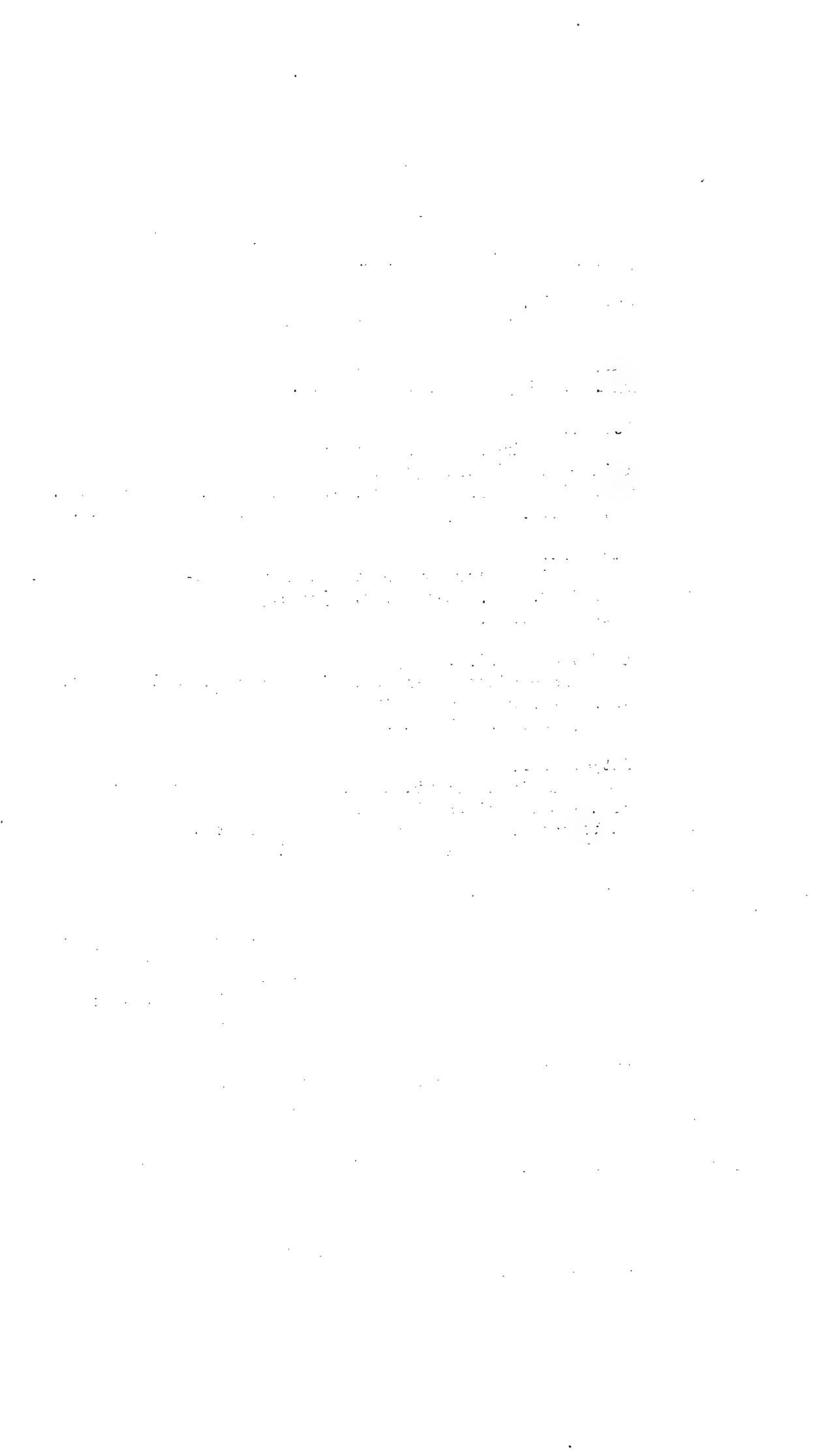
Burns, W.

Work done under the economic botanist 1922/1923. Ann. Rep. Dept. Agr. Bombay Pres. 1922/23. p. 154-159. 1924.

Arch. Sect. Sci. Nat., Phys. & Math. Inst. Grand-Ducal Luxembourg.

Klein, J.

Kalkfreundliche pflanzen im kalkarmen Osling. Pflanzengeographische skizze, Arch. Sect. Sci. Nat., Phys. & Math. Inst. Grand-Ducal Luxembourg. 8: 60-86. illus. 1924.



Biochem. Journ.

Blagoveschenski, A.V.

On the specific action of plant proteases.

Biochem. Journ. 18: 795-799. 1924. no.5.

Coward, K.H.

The lipochromes of etiolated wheat seedlings.

Biochem. Journ. 18: 1123-1126. 1924. no.5.

Coward, K.H.

Some observations on the extraction and estimation of lipochromes from animal and plant tissues. Biochem. Journ. 18: 1114-1122. 1924. no.5.

Petrie, J.M.

The yellow pigments of Australian Acacias.

Biochem. Journ. 18: 957-964. 1924. no.5.

Bothalia.

Doidge, E.M.

South African Ascomycetes in the National herbarium

III. Bothalia. 1: 195-221. illus. 1923 (Rec'd N.1924) no.4.

Stent, S.M.

South-African gramineae, Grasses of the Transvaal as represented in the National herbarium. Bothalia. 1: 222-303. illus. 1923. (Rec'd N. 1924) no.4.

Brit. Journ. Exper. Biol.

Ferguson, Nesta.

On the determination of the percentage of abortive pollen in plants. Brit. Journ. Exper. Biol. 2: 65-73. 1924. no.1.

Bulet. Agr. Roumania.

Chiritescu-Arva, M.

Contributiuni la studiul actiunii factorului vegetativ apa in agricultura noastra. Bulet. Agr. Roumania, 1 (Supl.) 146 p. plates. 1924.

Savulescu, T. & Rayss, T.

Flora Basarabiei. Bulet. Agr. Roumania 2(Supl.) 80 p. illus. pl. 1924.

Bull. Agr. & For. Ser. Univ. Nanking.

Griffing, J.B.

Observations on the behavior of cotton plants especially during acclimatization. Bull. Agr. & For. Ser. Univ. Nanking, v.1, no.6. p.31-45. S. 1923. (Rec'd N. 1924)

Griffing, J.B.

Report of three years cotton improvement work. Bull. Agr. & For. Ser. Univ. Nanking. v.1, no.6. p.2-30. plates. S.1923 (Rec'd N. 1924)

- Bull. Agr. Exp.Stat. Inst. Agr. & Nat. Hist. Zionist Organ.
Menchikowsky, F.
The chemical composition of Palestine Olives
and their oil. Bull. Agr. Exp. Stat. Inst. Agr.
& Nat. Hist. Zionist Organ. no. 2 p.3-17. Ag. 1924.
- Bull. Bernice Pauahi Bishop Mus.
Murrill, E.D.
Bibliography of Polynesian botany. Bull.
Bernice Pauahi Bishop. Mus. 13.. 68 p. 1924.
- Bull. Dahlia Soc. California.
Norton, J.B.S.
Additions and corrections to "7000 dahlias
in cultivation." Bull. Dahlia Soc. Calif.
no.23. p.9-10. Ag. 1924.
- Bull. Inst. Plantenz. Buitenzorg.
Goot, P. van der.
Overzicht der voornaamste ziekten van het
aardappelgewas op Java. Bull. Inst. Plantenz.
Buitenzorg. no.18. 44 p. pl.i-xi. Je.
1924.
- Hartley, C.
De ziekten van de cacao. Bull. Inst. Plantenz.
Buitenzorg. no.19. 16 p. 1924.
- Bull. N.Y. State Mus.
House, H.D.
Annotated list of the ferns and flowering plants
of New York state. Bull. N.Y. State Mus. 254.
759 p. S. 1924.
- Bull. Soc. Mycol. France.
Bourdout, H. & Galzin, A.
Hyménomycètes de France X. Phylactérieés.
(cont.) Bull. Soc. Mycol. France. 40: 137-
162. S. 1924. no.2.
- Coulon,
Littérature mycologique. Bull. Soc. Mycol.
France. 40: 207-208. S. 1924. no.2.
- Foex, E.
Note sur Erysiphe graminis D.C. Bull. Soc.
Mycol. France. 40: 166-176. illus., pl. iv-viii.
S. 1924. no.2.
- Fournier, P. abbé.
Note sur l'Amanita caesarea dans l'est de la
France. Bull. Soc. Mycol. France. 40: 184-185.
S. 1924. no.2.
- Heim, R.
Une exposition mycologique automnale à Gap.
Quelques mots sur la comestibilité des champignons
dans les hautes régions dauphinoises. Bull. Soc.
Mycol. France. 40: 193-206. S. 1924. no.2.
Liste des espèces exposées à Gap: p.203-206.

Bull. Soc. Mycol. France. (cont.)

Malençon, G.

Le Sclerotinia betulae Woronin. Bull. Soc. Mycol. France. 40: 177-180. S.1924. no.2.

Malençon, G.

Volve et anneau chez Coprinus picaceus Bull. Bull. Soc. Mycol. France. 40: 180-183. pl.ix. S. 1924. no.2.

Martin-Sans, E.

Exemplaires remarquables de trois polypores: Cladomeris umbellata, Cladomeris sulfurea et Pomes Lucidas. Bull. Soc. Mycol. France. 40: 186-188. S.1924. no.2.

Patouillard, N.

Descriptions de trois espèces nouvelles du genre Ganoderma. Bull. Soc. Mycol. France. 40: 163-165. pl. iii. S.1924. no.2.

Ganoderma pernanum, G. Buissonii, G. lignosum.

Bull. Yale Univ. Sch. For.

Towney, J.W. & Li, T.T.

Nursery investigations with special reference to damping-off. Bull. Yale Univ. Sch. For. no.10. 36 p. 1924.

Canad. Hort.

Berkeley, G.H.

Fall spraying for peach leaf curl. Canad. Hort. 47: 245. N.1924. no.11.

Chrysanthème.

Tesnier, F.

Historique du chrysanthème (suite)
Chrysanthème. 27: 556-558. O.-N. 1924.
no.204.

Compt. Rend. Acad. Agr. France.

Vernorel, V.

Le verdissage des semences de céréales. Compt. Rend. Acad. Agr. France. 10: 797-803. O.15, 1924. no.28.

Zacharewicz, E.

La brunissure des souches. Compt. Rend. Acad. Agr. France. 10: 808-809. O.15, 1924. no.28.

Compt. Rend. Acad. Sci. Paris.

Bridel, M

Sur l'hydrolyse fermentaire de la gentiacauline. Obtention d'un xyloglucose, le primevérose.
Compt. Rend. Acad. Sci. Paris. 179: 780-782. O.20, 1924. no.16.

Compt. Rend. Acad. Sci. Paris. (cont.)

Lagatu, H. & Maume, L.

Evolution remarquablement régulière de certains rapports physiologiques (chaux, magnésium, potasse) dans les feuilles de la vigne bien alimentée.

Compt. Rend. Acad. Sci. Paris. 179: 782-785.
0.20, 1924. no.16.

Mirande, M.

Sur les états de la liliostérine au cours de la vie des écailles bulbaires du lis blanc. Compt.

Rend. Acad. Sci. Paris. 179: 638-641. illus.
0.6, 1924. no.14.

Picard, F.

Contribution à l'étude du rôle physiologique des tanins. Leur importance dans l'aouêtement des sarments de la vigne. Compt. Rend. Acad. Sci. Paris. 179: 778-780. 0.20, 1924, no.16.

Rivière, G. & Pichard, G.

Contribution à l'étude des principes immédiats contenus dans les feuilles et l'épiderme des fruits du pommier. Compt. Rend. Acad. Sci. Paris. 179:

775-777. 0.20, 1924. no.16.

Country Life.

Wilson, E.H.

The story of the modern rose (concl.)

Country Life. 56: 679-681. illus. N.1, 1924.
no.1452.

Dartmouth Alumni Mag.

Eggleston, W.W.

Dr. Josiah Whitney Barstow, '46, M.D., '52.

Dartmouth Alumni Mag. 16: 836-839. port. Ag.
1924. no.9.

Deut. Landw. Presse.

Appel, O.

Rübenkrankheiten IV. Deut. Landw. Presse.

51: 481. col.pl. 0.18, 1924. no.42

Fritschen, von.

Ist gelbklee (*Medicago lupulina*) ein indikator für kalkmangel im boden? Deut. Landw. Presse.

51: 469-470. 0.11, 1924. no.41.

Deut. Obstb. Zeit.

Böning, K.

Neue gesichtspunkte zur bekämpfung der brennfleckenkrankheit der bohne. Deut. Obst. u.

Gemüsb.-Zeit. 70: 157-158. Ap.7, 1924. (Rec'd N.)
no.14b.

Böning, K.

Vorbeugende massnahmen zur verhinderung von kartoffelfäulen. Deut. Obst.u. Gemüsb.-Zeit.

70: 160-161. Ap.7, 1924 (Rec'd N.) no.14b.

Encke, F. von.

Feinde und krankheiten unserer beerenobststräucher und deren bekämpfung. Deut. Obst. u. Gemüsb.-

Zeit. 70: 497-499. 0.17, 1924. no.42.



Deut. Obstb. Zeit. (Cont.)

Hunnius, A.

Stimulationsversuche mit radieschen. Deut.
Obst. u. Gemüsb.-Zeit. 70: 478-479. illus. O.10,
1924. no.41.

Kessler,

Beobachtungen über die Wirkung verschiedener
bekämpfungsmittel. Deut. Obst. u. Gemüsb.-Zeit.
70: 155-156. Ap.7, 1924, no.14b. (Rec'd. N.)

Kindshoven, J.

Erfolgreiche bekämpfungsversuche gegen die kropf-
krankheit oder kernie der kohlgewächse. Deut.
Obst. u. Gemüsb.-Zeit. 70: 156-157. Ap.7, 1924. no.14b.
(Rec'd. N.)

Stellwaag, F.

Die benetzungsfähigkeit verschiedener bekämp-
fungsmittel gegen obstbauschädlinge. Deut. Obst.
u. Gemüsb.-Zeit. 70: 152-153. Ap.7, 1924. (Rec'd N.)
no.14b.

Feuille Nat.

Frick, R.O.

Sur la fleur d'Anemone hepatica L. Feuille
Nat. 45: 105-107. S.1924. no.7.

Gaudineau, & Guyot, M.

Le piétin des céréales. Feuille Nat. 45:
108-113. S. 1924. no.7.

Floralia.

Keulen, K. van.

Wetenschappelijke namen van insecten en
zwammen. Floralia 45: 675. O.17, 1924. no.42.

Schenk, P.J.

Heksenbezems. Floralia. 45: 674. illus.
O.17, 1924. no.42.

Florida Fruits & Flow.

Lord, E.L.

Avocado (Aguacate or Alligator pear) Florida
Fruits & Flow. 1: 45-46, 54-55, S. 1924. no.3.

Lord, E.C.

Our native wild flowers. Florida Fruits &
Flow. 1: 71, 74. O. 1924. no.4.

Rhoads, A.S.

Grape diseases with special reference to black-
rot and anthracnose. Florida Fruits & Flow. 1:
34-35, 37, 47-49. Ag.-S. 1924. no.2-3.

Florida Grow.

Fulton, H.R. & Winston, J.R.

Controlling blue mold rot of citrus fruits with
borax solution. Florida Grow. v.30, no.18.
p.7. illus. N.1, 1924.

Flor. Exch.

- F. , C.C.
Talks on Florida. 2. The flowering vines of
Florida. Flor. Exch. 58: 1287. N.1, 1924.
no.18.
- Henry Cantwell Wallace. Flor. Exch. 58: 1311.
port. N.1, 1924. no.18.

Flor. Rev.

- Tiedjens. V.A.
Stimulation of plant growth by means of electric
lighting. Flor. Rev. v.55, no.1406. p.31-33.
N.6, 1924.

For. Leaves.

- White, David.
The prehistoric forests of Pennsylvania.
For. Leaves. 19: 169-175. O. 1924. no.11.

Fruit Belt.

- Bennett, C.W.
Controlling the apple scab. Under Michigan
conditions, the pre-pink spray is very necessary
to insure scab free apples. Fruit Belt.
v.22, no.11. p.7, 19. N.1924.

Garden.

- Barker, F.
Primulas which are out of the ordinary.
Garden. 88: 743. illus. N.1, 1924. no.2763.
- Brook, M.
Health among the chrysanthemums. Garden.
88: 720-721. illus. O.18, 1924. no.2761.
- Laplace, G.
Pernetiana roses. Garden. 88: 709-710.
illus. O.18, 1924. no.2761.
- Maxwell, H.
Deciduous shrubs. Garden. 88: 731. illus.
O.25, 1924. no.2762.

Gard. Illus.

- Dillistone, G.
Eremurus in English gardens. Gard. Illus. 46:
668-669. N.1, 1924. no.2382.

Gard.Chron.

- Dakkus, P.
Amorphophallus titatum, Beccari. Gard.Chron.
III, 76: 302-303. illus. N.1, 1924. no.1975.
- Grieve, J.
Violas or tufted pansies. Gard Chron. III.
76: 284-285. O.25, 1924. no.1974.

Gard. Chron. (Cont.)

Ridley, H.N.

Evodia quercifolia, Ridl. Gard. Chron.
III, 76: 303-304. N.1, 1924. no.1975.

Originally distributed as *Aralia quercifolia*
and as this figured in Gard.Chron. 1881, p.785;
on coming to flower in Singapore gardens turns out
to be an *Evodia*.

Ward, F.K.

Mr. F.Kingdon Ward's eighth expedition in
Asia. VII. A reconnaissance. Gard. Chron. III,
76: 300-301. illus. N 1, 1924. no.1975.

Ward, F.K.

Rhododendrons (cont.) Gard. Chron. III,
76: 286, 304. O.25, N.1, 1924. no. 1974-5.

Genetica.

Mol, W. de.

De reductiedeeling bij eenige *Triticum*-soorten.
Genetica. 6: 289-335. illus. Jl.-Ag. 1924. no.
4.

English summary: p.324-325.

Waardenburg, P.J.

Over het erfelijkheidsmoment bij de aange-
boren ver plaatsing van de pupil en van de lens.
Genetica. 6: 337-382. Jl.-Ag. 1924. no.4.

Bierens de Haan, JA.

Het nieuwste werk van Arnold Pictet op het
gebied der causale genetica. Genetica 6: 383-
390. Jl.-Ag. 1924. no.4.

Kroon, H.M.

Die erblichkeit der trunktsucht in der familie
X. Genetica 6: 391-400. Jl.-
Ag. 1924. no.4.

Hacienda.

García Peña, F.

La roya del trigo - Su descripción y tratamiento.
Hacienda. 19: 338-341. illus. N, 1924. no.11.
Puccinia graminis var. *tritici*.

Gonzalez Rios, P.

El cultivo del banano en Puerto Rico. Hacienda.
19: 343-346. illus. N. 1924. no.11.

Lockett, J.D.

Nuevas variedades de fruta. La obtención de
nuevas variedades de árboles frutales mediante la
polinización artificial. Hacienda. 19: 355-
356. illus. N. 1924. no.11.

Hort. Rev. Egypt. Hort. Soc.

Drar, M.

Notes on some wild plants on the north western
coast of Egypt. Hort. Rev. Egypt. Hort. Soc.
v.10, no.62. p.7-9. O.-D. 1924.

Intern. Rev. Sci. & Pract. Agr.

Brunelli, G.

The improvement of races of agricultural plants and live-stock and modern genetics. Intern. Rev. Sci. & Pract. Agr. n.s., 2: 523-553. Jl.-S. 1924. no.3.

Kidd, F. & West, C.

Functional diseases of apples in cold storage. Intern. Rev. Sci. & Pract. Agr. n.s., 2: 594-603. pl. xxxvii-xlviii. Jl.-S. 1924. no.3.

Rivera, V.

Cryptogamic epidemics and the environmental factors that determine them. Intern. Rev. Sci. & Pract. Agr. n.s., 2: 604-610. Jl.-S. 1924. no.3.

Journ. Dept. Agr. West Austral.

Carne, W.M.

Some diseases of apples. Journ. Dept. Agr. West Austral. II, 1: 322-325. illus. S.1924. no.3.

Lowe, G.N.

Cultivation of the potato. Seed, its selection and treatment. Journ. Dept. Agr. West Austral. II, 1: 338-341. illus. S.1924. no.3.

Newman, L.J. & Lowe, G.N.

Potato storage and fumigation experiments. Journ. Dept. Agr. West Austral. II, 1: 367-381. illus. S. 1924. no.3.

Journ. Landw.

Gibs, W.

Veränderungen der brandanfälligkeit durch äussere bedingungen. Journ. Landw. 72: 111-124. O. 1924. no.11,

Abstract of Thesis for Ph.D. (Untersuchungen über brandanfälligkeit beim weizen) Göttingen, 1924.

Klässener, O.

Wurzelentwicklung verschiedener kartoffelsorten nach den verhältnissen des Göttinger versuchsfeldes. Journ. Landw. 72: 65-102. O.1924. no.11.

Journ. Textile Inst.

Denham, H.J.

The cytology of the cotton plant. Chromosome numbers of Old and New world cotton. Journ. Textile Inst. 15: T496-T500. illus. O.1924. no.10.

Denham, H.J.

The cytology of the cotton plant. Microspore formation in Sea Island cotton. Journ. Textile Inst. 15: T474-T495. pl. i-viii. O.1924. no.10.

Denham, H.J.

An introduction to cytology with special reference to the cotton plant. Journ. Textile Inst. 15: T464-T473. illus. O. 1924. no.10.

Lingnaam Agr.Rev.

Groff, G.W., Ding, E. & Groff, E.H.
An enumeration of the McClure collection of
Hainan plants. Lingnaam Agr.Rev. 2: 9-44.
Jl.1924. no.1.

Louisiana Plant.

Baly, E.C.C.
Photosynthesis. Louisiana Plant. 73:
348-350. N.1, 1924. no.18.

Magyar Bot. Lap.

Degen, A.V. & Gayer, Jul., & Scheffer, J.
Magyar lăptanulrănyok (Ungarische moorstudien).
I-II. Magyar Bot. Lap. 22: 1-116. 1924.
no.1/12.
I. A detrekőcsütörtöki lăp és a morvanezö keleti
részenek flórája (Die flora des detrekőcsütörtöker
moores und des östlichen teiles des marchfeldes).
II. Aufzählung...

Topitz, A.

Mentha paludosa Moench, eine sippe der hybride
Mentha verticillata L. Magyar Bot. Lap. 22: 117-
120. 1924. no.1/12.

Malayan Agr. Journ.

Sharples, A. & Lambourne, J.
Field experiments relating to brown best disease
of Hevea brasiliensis. Malayan Agr. Journ. 12:
290-343. S.-O. 1924. no.9-10.

Meded. Inst. Plantenz. Dep. Landb. &c. Nederl.Ind.

Hall, C.J.J. van.
Ziekten en plagen der cultuurgewassen in
Nederlandsch-Indië. Meded. Inst. Plantenz.
Ned. Ind. no.64. 47 p. 1924.

Meded. Proefst. Vorstenl. Tabak. Java.

Angremond, A. d'.
Verdere onderzoekingen over bestrijding van
veldschimmel (Oidium-spec.) in de vorstenlanden.
Meded. Proefst. Vorstenl. Tabak. Java. no.52. 23 p.
pl. J.1924 (Rec'd N.)
English summary: p.23.

Missouri Bot. Gard. Bull.

Frost flowers. Missouri Bot. Gard Bull. 12:
104-105. pl.31. O.1924. no.8.

Nature.

Clark, J.E.
International co-operation in phenological
research. Nature. 114: 607-608. O.25, 1924.
no.2869.

Dixon, H.H.

Transmission of stimuli in plants. Nature.
114: 626. O.25, 1924. no.2869.

Forbes, H.O.

Is Orchis fuchsii (Druce) a valid species of
Orchidaceae? Nature. 114: 610-611. O.25,
1924. no.2869.
Believes it to be only a variety (if not an
off-recurring sport) of Orchis maculata.

Nature. (cont.)

Jackson, B.D.

Mr. J. Britten. Nature. 114: 583. O.18,
1924. no.2868.

Naturwissenschaften

Rübel, E.

Wüstenvegetation in Tunesien. Naturwissenschaf-
ten. 12: 861-868. O.17,1924. no.42.

Parfums France.

Essences de Provence. Parfums France. 1923,
no.9. p.23-28. illus. O.1923; no.10-11. p.48-52.
illus., col.pl. N.-D. 1923; 1924, no.12. p.5-6.
illus. Ja. 1924.

Perfum. & Essent.Oil Rec.

[Mr. Henry George Smith] Perfum. & Essent. Oil
Rec. 15: 348-349. O. 1924. no.11.

Sage, C.E. & Dalton, W.G.

The estimation of thymol and carvacrol in
Spanish thyme oils. Perfum. & Essential Oil
Rec. 15: 345-346. O.1924. no.11.

Philipp. Agr.

Herbert, D.A.

Plant life on Mount Maquiling. Philipp.
Agr. 13: 183-197. illus., plates. O.1924. no.5.

• Manresa, M.

Note on *Dioscorea hispida* Dennst as a cure for
myiasis. Philipp. Agr. 13: 213-214. O. 1924.
no.5.

Quisumbing, Eduardo.

Marsilea crenata Presl., a noxious weed; its
eradication and control in rice fields. Philipp.
Agr. 13: 209-212. pl.i-ii. O.1924. no.5.

Philipp. Journ. Sci.

Kienholz, R.

The effect of high temperatures on the germina-
tion and subsequent growth of corn. Philipp.
Journ. Sci. 25: 311-347. pl. 1. S.1924. no.3.

Phytopath.

Day, L.H.

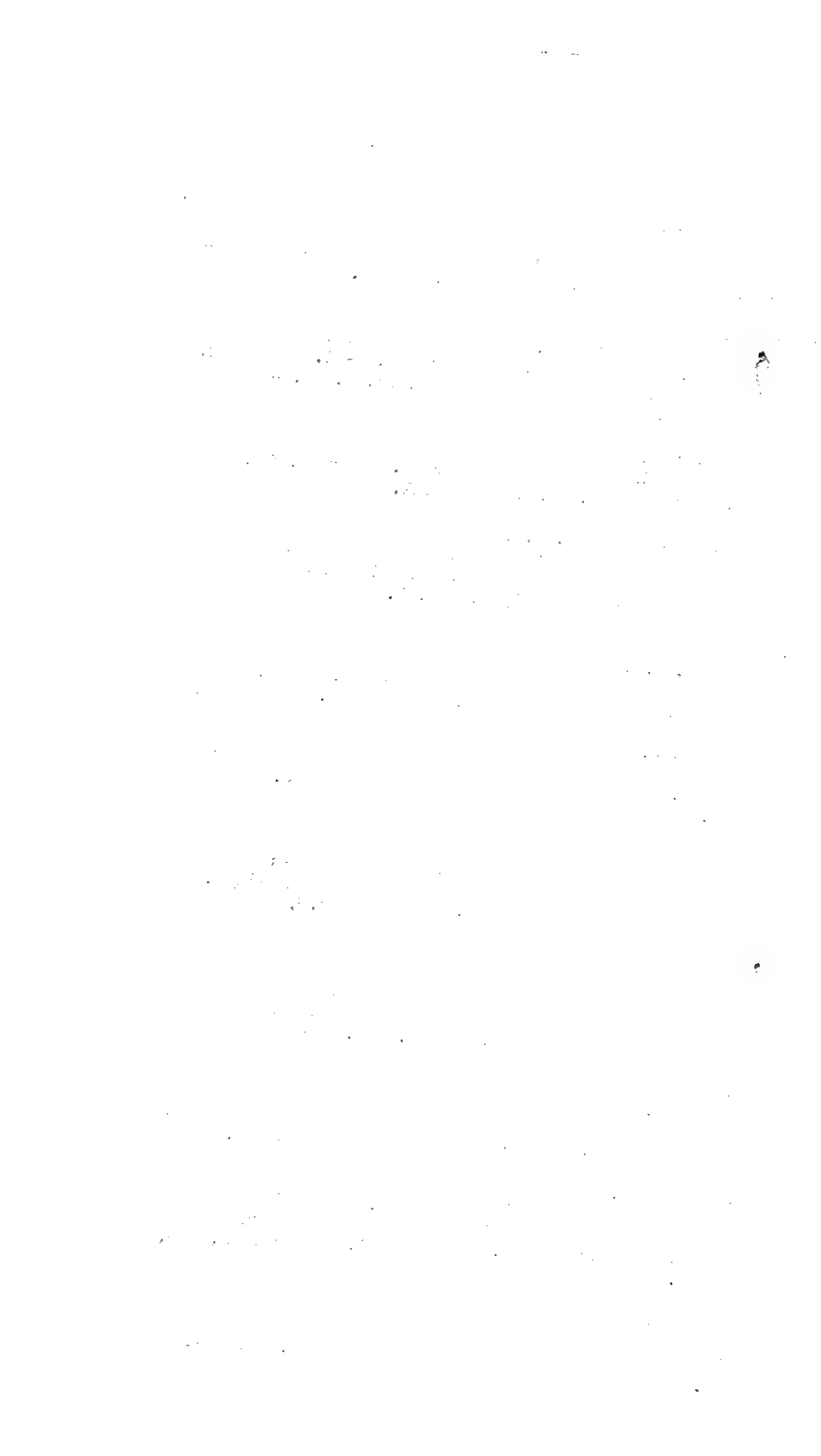
Experiments in control of cankers of pear blight.
Phytopath. 14: 478-480. illus. O.1924. no.10.

Massey, A.B.

A study of *Bacillus aroideae*, Townsend, the
cause of a soft rot of tomato, and *B.carotovorus*
Jones. Phytopath. 14: 460-477. illus. O.1924.
no.10.

Reed, G.M.

Variety susceptibility of wheat to *Tilletia*
laevis Kühn. Phytopath. 14: 437-450. O.1924.
no. 10.



Phytopath. (cont.)

Wingard, S.A.

Bacterial soft-rot of tomato. Phytopath.
14: 451-459. illus. O. 1924. no.10.
Bacillus aroideae.

Pioneer Pecan Press.

Jones, R.E.

Rosette and San Saba pecans. Pioneer Pecan
Press v.3, no.8. p.5. O.1924.

Publ. Inst Bot.Univ. Genève.

Chodat, F.

La concentration en ions hydrogène du sol et
son importance pour la constitution des formations
végétales. Publ. Inst. Bot. Univ. Genève.
X, fasc.7. 115 p. 1924.

Quart. Journ. For.

Spokes, P. S.

Some edaphic factors in forest ecology.
Quart. Journ. For. 18: 333-346. O.1924. no.4.

Queensl. Agr. Journ.

Cottrell-Dormer, W.

Studies on fertility of sugar-cane flowers.
Queensl. Agr. Journ. 22: 248-255. illus. S.1924.
no.3.

White, C.T. & Francis, W.D.

Queensland trees. no. [33] *Lucuma amorphosperma*.
Queensl. Agr. Journ. 22: 239. illus. S. 1924. no.3.

Queensl. Nat.

White, C.T.

Flora of Moreton Island. Queensl. Nat.
4: 86-91. S. 1924. no.5.

Res. Bull. Univ. Alberta Coll. Agr.

Newton, R.

The nature and practical measurement of frost
resistance in winter wheat. Res.Bull.Univ.Alberta
Coll. Agr. 1. 53 p. Jl. 1924.

Rev. Hort.

Turc, C.

Le bibacier sous le climat de Paris. Rev.
Hort. 96: 232-234. illus. O.16, 1924. no.10.
Eriobotrya japonica.

Rev. Hort. Tunisie.

Rivière, C.

L'Albizzia lophanta. Rev. Hort. Tunisie.
22: 174-176. O.15,1924. no.195.

Rev. Industr. y Agr. Tucumán

Brandes, E. W.

El rol de la enfermedad del mosaico en limitar los rendimientos de caña. Rev. Industr. y Agr. Tucumán. 15: 29-33. Je.-Jl. 1924. (Rec'd N.) no.1-2.

Cross, W. E.

La importancia de la enfermedad del mosaico en Luisiana y las posibilidades de éxito de las "cañas de Java" en ese país. Rev. Industr. y Agr. Tucumán. 15: 22-28. Je.-Jl. 1924 (Rec'd N.) no.1-2.

Morse, S. F.

Métodos prácticos para aumentar la producción de caña. Rev. Industr. y Agr. Tucumán. 15: 11-14. Je.-Jl. 1924. (Rec'd N.) no.1-2.

Rev. Path. Veg. & Entom. Agr.

Barbier, A. M.

Sur une altération de la betterave causée par un Sclerotium. Rev. Path. Vég. et Entom. Agr. 11:160-163. illus. Ap.-Je.1924. (Rec'd. N.) no.2.
Sclerotium oryzae.

Blaringhem, Louis

Variation de la sporulation du Puccinia malvacearum Mont. sous l'influence du greffage des hôtes. Rev. Path. Vég. et Entom. Agr. 11: 125-131. Ap.-Je.1924. (Rec'd.N.) no.2.

Bose, S. R.

Les polyporacées du Bengale. Rev. Path. Vég. et Entom. Agr. 11: 134-149. Ap.-Je.1924, (Rec'd.N.) no.2.

Dufrenoy, Jean and Gaudineau, Mlle. M.

Sur une maladie causée par un Coryneum nouveau. Rev. Path. Vég. et Entom. Agr. 11: 164-167. plates. Ap.-Je. 1924. (Rec'd. N.) no.2.

Maresquelle,

Sur un Sclerotium parasite du maïs. Rev. Path. Vég. et Entom. Agr. 11: 156-159. Ap.-Je.1924. no.2. (Rec'd. N.)
Sclerotium monohistum n. sp.

Picade, C.

Une maladie des haricots (Association bactérienne parasitaire d'espèces antagonistes en vie libre. Rev. Path. Vég. et Entom. Agr. 11: 150-155. plates. Ap.-Je. 1924. (Rec'd. N.) no.2.

A sp. of Bacterium and Coccus present, considers that the Bacterium is the pathogenic agent.

Boczn. Nauk Rolniczych.

Chrzaszcz, Tadeusz

Wpływ ciepłoty na działanie amylazy. Roczn. Nauk Rolniczych. 10: 333-363. 1923. (Rec'd. N.1924) no.2.

French résumé: (L'influence de la température sur l'action de l'amylase. L'action saccharifiante de l'amylase.): p.362-363.

I. Działanie cukrujące amylazy.



Science

Edward Lothrop Rand. Science 60:427. N.7, 1924.
no.1558.
Note of death.

J'over, F. B. and Chesnut, V.K.
Alkaline reaction of the cotton plant. Science
60: 405. O.31.1924. no.1557.

Scientific research. Science 60: 407-408.
O.31, 1924. no.1557.
From the "Educational supplement of the London
Times".

Trelease, William
Romeyn Beck Hough - 1857-1924. Science 60:
397-398. O.31, 1924. no.1557.

Tuttle, A. H.
The reproductive cycle of the Characeae. Science
60: 412-413. O.31, 1924. no.1557.

Scient. Agr.

Newton, Robert and Brown, R. R.
Is the apparent winter-killing of sweet clover and
red clover a result of disease injury? Scient. Agr.
5: 93-96. illus. N. 1924. no.3.

Skogs. Fören. Tidskr.

Lagerberg, Torsten
Sulfitvedens behandling och lagringsrötan. Skogs.
Fören. Tidskr. 22: 231-249. illus. Ag.-S.1924. no.8-9.

So. Afr. Fruit Grow.

Camp, Edwin
Notes on the chief varieties of the citrus family.
So. Afr. Fruit Grow. 11: 313, 315. illus. S.1924. no.9.

So. African Sugar Journ.

Storey, H.H.
A disease of maize and its probable relation to the
control of streak disease in Uba cane. South Afr.
Sugar Journ. 8: 647, 649. S. 1924.
The disease of maize, usually known as "variega-
tion" but called by the planters "streak" because the
symptoms are much like those of streak in Uba cane,
is carried by a small leaf hopper.

Succulenta

H, V. d
Mesembrianthemum, M. tricolor Willd=M. pyropaeum
Haw. Succulenta 6: 141-142. O.31, 1924. no.10.

Sver, Utsädesför. Tidskr.

Sylvén, Niles.
Linförädling och linförsök på Svalöf. Sver.
Utsädesför. Tidskr. 34: 103-125. illus. 1924. no.3.

Through the Leaves

Headden, W. P.
The alfalfa "failure". Through the Leaves 12:
551-552. N.1924.
"The nematode may be a serious thing, but the situ-
ation seems to be too general... and of too long stand-
ing, and of increasing intensity, to be due to this
parasite".



Trop. Agriculture

Ashby, S.F.

Bananas resistant to wilt (Panama disease). Trop. Agriculture 1: 172-173. N.1924. no.11.

Trop. Agr.

South, F. W.

Mouldy rot of rubber. Trop. Agr. 63: 149-152. S.1924. no.3.

U. S. Dept. Agr. Bull.

Edwards, H. T.

Production of Henequen fiber in Yucatan and Campeche. U. S. Dept. Agr. Bull. 1278. 20 p. illus. O.25,1924.

Hubert, E. E.

Effect of kiln drying, steaming, and air seasoning on certain fungi in wood. U. S. Dept. Agr. Bull. 1262. 20 p. pl.i-v. Ag.1924.

Young, R. A.

Taros and yautias; promising new food plants for the south. U. S. Dept. Agr. Bull. 1247. 23 p. illus., pl. i-xi. N.3,1924.

U. S. Dept. Agr. Farm. Bull.

Cook, O.F. and Martin, R. D.

Community cotton production. U. S. Dept. Agr. Farm. Bull. 1384. 20 p. Ag.1924. (Rec'd.N.)

Martin, J. H. and Leighty, C. E.

Emmer and spelt. U. S. Dept. Agr. Farm. Bull. 1429. 12 p. illus. J1.1924 (Rec'd.N.)

Young, R. A.

The dasheen; a southern root crop for home use and market. U. S. Dept. Agr. Farm Bull. 1396. 35 p. illus. Je.1924 (Rec'd N.)

Univ. Calif. Publ. Bot.

Brandegee, T. S.

Plantae mexicanae purpusianae XII. Univ. Calif. Publ. Bot. 10: 403-421. O.1924. no.8.

Setchell, W. A. & Gardner, N. L.

Phycological contributions. VII. Univ. Calif. Publ. Bot. 13: 1-13. O.27,1924. no.1.

Vie Agr. et Rur.

Diffloth, P.

La stérilisation des sols. Situation actuelle de la question. Vie Agr. et Rur. 25: 241-243. O. 11,1924. no.41.

Rolet, Antonin

L'alimentation artificielle des plantes par le gaz carbonique. Vie Agr. et Rur. 25: 259-263. O.18,1924. no.42.

Zeitschr. Pflanzenzucht.

Ausborn, Erich

Eine mendelistische weizenbastardierung. Zeitschr. Pflanzenzucht. 10: 1-8. illus. O.1924. no.1.

Bordeaux summer wheat and Jaohet summer wheat.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in the context of public administration and financial management. The text notes that without reliable records, it is difficult to track the flow of funds and ensure that resources are being used as intended.

2. The second part of the document addresses the challenges associated with data collection and analysis. It highlights that gathering comprehensive data from various sources can be a complex and time-consuming process. However, the benefits of having a robust data set are significant, as it allows for more informed decision-making and the identification of trends and patterns. The document suggests that investing in data management systems and training staff can help overcome these challenges.

3. The third part of the document focuses on the role of technology in modernizing operations. It discusses how digital tools and platforms can streamline processes, reduce errors, and improve communication. For example, the use of cloud-based systems can facilitate data sharing and collaboration across different departments. The text also mentions the importance of ensuring that any technology adopted is secure and compliant with relevant regulations.

4. The fourth part of the document discusses the need for continuous improvement and innovation. It suggests that organizations should regularly evaluate their current practices and seek out new ways to enhance efficiency and effectiveness. This could involve conducting regular audits, soliciting feedback from stakeholders, and experimenting with new approaches. The document stresses that a culture of innovation is essential for staying competitive in a rapidly changing environment.

5. The fifth part of the document concludes by summarizing the key points and reiterating the importance of the discussed topics. It encourages the reader to take action on the recommendations provided and to stay committed to the goal of achieving high standards of performance and service. The document ends with a call to action, urging all stakeholders to work together to address the challenges and opportunities ahead.

Zeitschr. Pflanzenzucht.

Rosenberg, V.

Unregelmässigkeiten und andere beobachtungen bei
erbsenbastardierungen. Zeitschr. Pflanzenzücht.
10: 59-62. illus. O.1924. no.1.

Uphof, J. C. Th

Pflanzenzüchtung in subtropischen, semi-ariden
gegenden Arizonas. Zeitschr. Pflanzenzücht. 10:
9-23. illus. O.1924. no.1.

Westermeier, Kurt

Untersuchungen über den fruchtstand bei umbelli-
feren. Zeitschr. Pflanzenzucht. 10: 63-67. no.1.
O.1924.

Zeitschr. Sukkulent.

Söhrens, J.

Die wanderungen der *Opuntia tunicata* Lk. et Otto.
Zeitschr. Sukkulent. 72: 189-191. O.1,1924. no.14.

Tischer, A.

Beobachtungen an *Mesembrianthemum*=importen.
Zeitschr. Sukkulent. 72: 180-182. O.1,1924. no.14.

Vaupel, Friedrich

Gymnocalycium lafaldense Vpl. spec. nov.
Zeitschr. Sukkulent. 72: 192. O.1,1924. no.14.

Vaupel, Friedrich

Mamillaria wildii Dietr. Zeitschr. Sukkulent.
72: 182-183. illus. O.1,1924. no.14.

Zeitschr. Tierzücht. u. Züchtungsb.

Smelkus, G. G.

Zur kenntnis des futterwertes von *Taraxacum*
officinale. Zeitschr. Tierzücht. u. Züchtungsb.
1: 449-464. Ag.1924. no.3.

Exper. Stat. Publ.

Yaw, F. L.

Report on survey of the canning tomato industry
with suggestions for improvement. California Agr.
Exp. Stat. Circ. 280. 30 p. illus. N.1924.

Melchers, L.E.

Diseases of plants. Kansas Agr. Exp. Stat.
Dir. Rep. 1922/24. p.69-75. 1924.

NEW BOOKS

Bennett, F.T.

Outlines of fungi and plant diseases for students
and practitioners of agriculture and horticulture.
London, 1924. 254 p. illus. pl.

Bowles, E. A.

A handbook of *Crocus* and *Colchicum* for gardeners.
London, 1924. 185 p. plates.



New Books (cont.)

Breakwell, E.

The grasses and fodder plants of New South Wales. Sydney. 1923.

Buller, A.E.R.

Researches on fungi. vol.III. The production and liberation of spores in Hymenomyces and Uredinales. London, Longmans, 1924.

Glück, Hugo

Biologische und morphologische untersuchungen über wasser- und sumpfgewächse. Teil I-IV. illus. plates. Jena, G. Fischer, 1905-24.

Jean, F. C. & Weaver, J.E.

Root behavior and crop yield under irrigation. Washington, S. 1924. (Carnegie Inst. Publ. 357)

Lecomte, Henri

Flore générale de l'Indo-Chine. v.7, fasc. 3-5. 1922-1923.

Maiden, J. H.

The forest flora of New South Wales. LXXVII (v.8, pt.7) p.81-99. pl.292-295. 1924.

North American flora. v.7, pt. 9. (Uredinales Aecidiaceae (conclusio) by Joseph Charles Arthur. Additions and corrections to Uredinales. O.29, 1924.

Fiper, C. V.

Forage plants and their culture. Rev. ed. New York. Macmillan, 1924.

Sartory, Auguste

Champignons parasites de l'homme et des animaux. pt.8-13. Paris, 1922-1923.

----- Supplément 1.

Thorpe, M. R., ed.

Organic adaptation to environment. New Haven, Yale university press, 1924.

The terrestrial environment in its relation to plant life. C.E. Nichols.

Fossil plants as evidence for resistance to environment. G.R.Wieland.

Translations - Available in the Bureau of Plant Industry Library.

Tischler, Georg

Untersuchungen ueber die beeinflussung der Euphorbia cyparissias durch Uromyces pisi. (Investigations on the influence of Uromyces pisi upon Euphorbia cyparissias). Flora 104:1-64. illus. D.1911.

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 149.
Nov. 16 - Nov. 29, 1924.

Addisonia.

- Addisonia, v. 9, no.3. S. 1924.
Isotria verticillata, p.33-34. col.pl. 305.
Ipomoea batatas. p.35-36. col.pl. 306.
Nierembergia rivularis, p. 37. col. pl. 307.
Monarda fistulosa. p. 39-40. col.pl. 308.
Asterandra grandifolia, p.41. col.pl. 309.
Whitfeldia lateritia. p.43-44. col. pl. 310.
Pinus rigida, p.45-46. col. pl. 311.
Eudbeckia triloba, p.47-48. col.pl. 312.

Agr. Gaz. N.S.W.

Pridham, J.T.

- Selection of seed oats. Agr. Gaz, N.S.W.
35: 696-698. illus. O.1924. no.10.

Whittet, J.N.

- Western grasses, fodder plants, and fodder trees.
Investigational work in New South Wales. Agr. Gaz.
N.S.W. 35: 715-722. illus. O,1924. no.10.

Amer. Flor.

- Dr. E. O. Fenzi. Amer. Flor. 63: 839, N.15,
1924. no. 1902,
Note of death.

Amer. Journ.Bot.

Berry, E.W.

- Age and area as viewed by the paleontologist.
Amer. Journ. Bot. 11: 547-557. N, 1924, no.9.

Fernald, M.L.

- Isolation and endemism in northeastern America
and their relation to the age-and-area hypothesis.
Amer. Journ. Bot. 11: 558-572, N.1924. no.9.

Gleason, H.A.

- Age and area from the viewpoint of phytogeography.
Amer. Journ. Bot. 11: 541-546. N. 1924, no.9.

Reed, G.M. & Faris, J.A.

- Influence of environmental factors on the infection
of sorghums and oats by smuts. II. Experiments with
covered smut of oats and general considerations. Amer.
Journ.Bot. 11: 579-599. N, 1924, no. 9.

Sinnott, E.W.

- Age and area and the history of species. Amer.
Journ. Bot. 11: 573-578. N,1924. no.9.

Amer. Journ. Pharm.

Hepburn, J.S.

- A contribution to the chemistry of alkatan
Amer. Journ. Pharm. 96: 804-809. S. 1924, no.11.
Piper acuminatissimum.



Ann. Appl. Biol.

Barritt, N.W.

The function of lint hairs in the life history of the cotton plant. Ann. Appl. Biol. 11: 310-311. O.1924. no.3-4.

Buddin, W. & Wakefield, E.M.

Some observations on the growth of *Rhizoctonia crocorum* (Pers.) DC. in pure culture. Ann. Appl. Biol. 11: 292-309. pl. x. O.1924. no.3-4.
Commonly known as *R. violacea*.

Mehta, M.M. & Berridge, E.M.

Studies in bacteriosis XII. *B. pyocyaneus* as a cause of disease in lettuce and the identity of *B. marginale* with this organism. Ann. Appl. Biol. 11: 318-323. pl. xi. O.1924. no.3-4.

Paine, S.G. & Branfoot, J.M.

Studies in bacteriosis XI. A bacterial disease of lettuce. Ann. Appl. Biol. 11: 312-317. illus. O. 1924. no.3-4.

Organism probably a strain of *Bacterium pyocyaneus*.

Wormald, H. & Grubb, N.H.

The crown-gall disease of nursery stocks I-Ann. Appl. Biol. 11: 278-291. pl. viii-ix. O.1924. no.3-4.

I. Field observations on apple stocks.

Ann. Bot.

Anderson, V.L.

Some observations on the nitrate-reducing properties of plants. Ann. Bot. 38: 699-706. O.1924. no.152.

Arber, A.

Myrsiphyllum and *Asparagus*: a morphological study. Ann. Bot. 38: 635-659. illus. O.1924. no.152.

Chaudhuri, H.

A description of *Colletotrichum biologicum*, nov. sp., and observations on the occurrence of a saltation in the species. Ann. Bot. 38: 735-744. illus., pl. xviii. O.1924. no. 152.

Dastur, R.H.

Water content, a factor in photosynthesis. Ann. Bot. 38: 779-788. illus. O.1924. no.152.

Hanna, W.F.

The dry-needle method of making monosporous cultures of Hymenomycetes and other fungi. Ann. Bot. 38: 791-795. illus. O.1924. no.152.

Mann, C.E.T.

The antagonism between dyes and inorganic salts in their absorption by storage tissue. Ann. Bot. 38: 753-777. O.1924. no.152.

Ann. Bot (cont.)

Matthews, J.R.

The distribution of certain portions of the British flora II. Plants restricted to Scotland, England and Wales. Ann. Bot. 38: 707-721. O. 1924. no. 152.

Mockeridge, F. A.

The formation of plant growth-promoting substances by micro-organisms. Ann. Bot. 38: 723-734. O. 1924. no. 152.

Moss, E.H.

Fasciated roots of *Caltha palustris* L. Ann. Bot. 38: 789-791. illus. O. 1924. no. 152.

Parkin, J.

Stomata and phylogeny. Ann. Bot. 38: 795-796. O. 1924. no. 152.

Petch, F.

Campbellia aurantiaca, Wight, and *Christisonia albida*, Thwaites. Ann. Bot. 38: 679-697. illus. O. 1924. no. 152.

Pratt, C.A.

The staling of fungal cultures II. The alkaline metabolic products and their effect on the growth of fungal spores. Ann. Bot. 38: 599-615. O. 1924. no. 152.

Puri, A.N.

Effect of methyl and ethyl alcohol on the growth of barley plants. Ann. Bot. 38: 745-752. O. 1924. no. 152.

Rivett, M.F.

The root-tubercles in *Arbutus unedo*. Ann. Bot. 38: 661-677. illus. O. 1924. no. 152.

Stiles, W.

The absorption of salts by storage tissues. Ann. Bot. 38: 617-623. O. 1924. no. 152.

Ann. Inst. Pasteur.

Kienel, A.

Etudes sur la nutrition de l'*Utricularia vulgaris*. Ann. Inst. Pasteur. 38: 879-891. O. 1924. no. 10.

Magrou, J.

Recherches expérimentales sur le cancer des plantes. Ann. Inst. Pasteur. 38: 851-872. illus. O. 1924. no. 10.

Ann. Jard. Bot. Buitenzorg.

Arens, P.

Periodische Blütenbildung bei einigen orchideen. Ann. Jard. Bot. Buitenzorg. 32: 103-124. 1923. (Rec'd. N. 1924) no. 2.



Ann. Jard. Bot. Buitenzorg. (cont.)

Docters van Leeuwen, W.

The vegetation of the Island of Sebesy, situated in the Sunda strait, near the Islands of the Krakatau-group; in the year 1921. Ann. Jard. Bot. Buitenzorg. 32: 135-192. pl. xxxvi-xxxvii. 1923. no. 2. (rec'd N. 1924)

Rant, A.

Der Ambrosia-pilz der termiten. Ann. Jard. Bot. Buitenzorg. 32: 125-134. pl. xxxii-xxxv. 1923. (Rec'd N. 1924) no. 2.

Smith, J.J.

Periodischer laubfall bei Breynia cernua Muell, Arg. Ann. Jard. Bot. Buitenzorg. 32: 97-102. 1923 (Rec'd N. 1924) no. 2.

Arch. Pharm.

- Danckwortt, P.W. & Pfaff, E.

Ueber ein proteolytisches enzym in den Hülsen von Vicia faba L. Arch. Pharm. 262: 449-451. O. 1924. no. 5.

Beih. Bot. Centralbl. Abt. 2.

Novak, F.A.

Kritische betrachtungen über den formen-kreis der Silene longiflora Ehrh. Beih. Bot. Centralbl. Abt. 2. 40: 410-420. S. 1924. no. 3.

Ber. Deut. Chem. Ges.

Schmidt, E. & Malyoth, G.

Zur kenntnis pflanzlicher inkrusten V. Ber. Deut. Chem. Ges. 57: 1834-1837. N. 1924. no. 10.

Better Crops.

Fromme, F.D.

A tobacco-chewing germ. Better Crops. v. 3, no. 3. p. 11-12, 41, illus. N. 1924.

Hansen, A.A.

The last of the poisonous plants. Better Crops. v. 3, no. 2. p. 20-21, 34. illus. O. 1924.

Better Fruit.

Schuster, C.E.

New problems found in cherry pollination. Better Fruit. v. 19, no. 5. p. 7-8, 17. illus. N. 1924.

Bot. Arch.

Neuhoff, W.

Zytologie und systematische stellung der auriculariaceen und tremellaceen. Bot. Arch. 8: 250. 1924? no. 3-4.

Ruehle, K.

Beiträge zur kenntnis der gattung Prunus. Bot. Arch. 8: 224-249. illus. 1924? no. 3-4.

Bryologist.

Fartram, E.B.

New mosses from southern Arizona. Bryologist.
27: 70-73. illus. S. 1924. no.5.
Tortula williamsii, *Grimmia gracillima*, n.sp.

Dixon, H.N.

Spitzbergen mosses. Bryologist. 27: 69.
S. 1924. no.5.

Holzinger, J.M.

Andreaea baileyi, n.sp. Bryologist. 27: 78.
S. 1924. no.5.

Holzinger, J. M.

The case of *Barbula manniae* C.M. Bryologist.
27: 79. S. 1924. no.5.
Barbula manniae, syn. of *Tortula avenacea*.

Möller, H.

A revision of the new species and varieties of
Philonotis described by N.C. Kindberg from North
America. Bryologist. 27:74-77. S. 1924.
no.5.

Bull. Assoc. Plant.

Vanderyst, H.

Etude botanico-agronomique concernant la
biologie spéciale des feuilles du palmier à
huile. Bull. Assoc. Plant. 11: 54-58.
Jl.-S. 1924 (Rec'd. N.) no.7-9.

Bull. Gard. Club. Amer.

Gager, C.S.

Brooklyn botanic garden. Bull. Garden Club.
America. n.s., no.20. p.40-43. N. 1924.

Galloway, B.T.

A plant introduction garden. What it is and what
it does. Bull. Garden Club. America. n.s. no.20.
p.23-27. N.1924.

Hill, A.G.

The gardener's miscellany. The literature of
American gardening. Bull. Garden Club America.
n.s. no.20. p.47-53. N. 1924.

Moore, G.T.

The feeding of plants with special reference to
lawns. Bull. Garden Club America. n.s. no.20.
p.19-23. N.1924.

Bull. Imp. Inst. Gt. Brit.

The banana and its cultivation, with special reference
to the British Empire. Bull. Imp. Inst. Gt. Brit.
22: 303-333. pl. vi-viii. 1924.
Fungus and bacterial diseases: p.315-319.

Essential oils from various parts of the Empire.
Bull. Imp. Inst. Gt. Brit. 22: 265-280.
1924. no.3.

Bull. Misc. Inform. Kew.

Riley, J.A.M.

Further notes on Ouratea, Bull. Misc.
Inform. Kew. 1924, p.363-365.

Schonland, S.

Althenia in South Africa. Bull. Misc. Inform.
Kew. 1924, p.365-366. no.9.

Turrill, W.B.

On the flora of the Gallipoli Peninsula.
(cont.) Bull. Misc. Inform. Kew. 1924,
p.337-363. no.9.

Bull. Soc. Chim. France.

Dupont, G.

Les constituants acides des résines conifères.
Bull. Soc. Chim. France, IV, 35: 1209-1270. 0.1924.
no.10.

Langlais, P. & Goby, J.

Contribution à l'étude de l'essence concrète
d'iris. Bull. Soc. Chim. France. IV, 35: 1307-
1310. 0.1924. no.10.

Bull. So. Calif. Acad. Sci.

Newsom, V.M.

Violets of southern California. Bull. So.
Calif. Acad. Sci., 23: 159-164. S.-O. 1924. no.5.

Bull. Techn. & Sci. Serv. Dept. Agr. Egypt.

Brown, T.W.

Date palm in Egypt. Bull. Techn. & Sci. Serv.
Min. Agr. Egypt. 43. 39p. pl. i-xi. 1924.

Brown, T.W.

The propagation and cultivation of citrus trees
in Egypt. Bull. Techn. & Sci. Serv. Min. Egypt.
44. 88 p. pl. 1-33. 1924.

Bull. Union Agr. Egypt.

Anhoury, J.

Le riz en Egypte. Bull. Union Agr. Egypt. 22.
91-107. S.-O. 1924. no.155.

La Cellule.

Robyns, Walter.

Le fuseau de caryocinèse et le fuseau de cyto-
cinèse dans les divisions somatiques des phanéro-
games 1. ptie. La Cellule. 34: 367-454. 5 pl.
1924. no.3.

Chem. Age.

Briscoe, M.

Chemistry and seed treatment. Chem. Age.
11: 465-466. N.8, 1924. no.282.

Citrus Indust.

Orchard, P.W.

The ounce of prevention. Citrus. Industr. v.5,
no.11. p. 36-37. N. 1924.
On the control of citrus diseases.

Compt. Rend. Acad. Agr. France.

Villedieu, G. & Villedieu, Mme.G.

Comment agissent les bouillies bordelaises
alcalines. Compt. Rend. Acad. Agr. France.
10: 885-893. N.5, 1924. no.31.

Compt. Rend. Acad. Sci. Paris.

Beauverie, J.

Sur la germination des urédospores des rouilles
du blé. Compt. Rend. Acad. Sci. Paris. 179:
993-996. N.10, 1924. no.19.

Bridel, Marc.

Sur l'hydrolyse fermentaire de la monotropitine.
Obtention du primexerose. Compt. Rend. Acad.
Sci. Paris. 179: 991-993. N.10, 1924. no.19.

Maige, A.

Régénération de l'excitabilité amylogène des
plastés pendant l'hydrolyse. Compt. Rend.
Acad. Sci. Paris. 179: 838-840. 0.27, 1924. no.17,

Mirande, M.

Sur les propriétés optiques des stérinoplastes
et de la phytostérine des bulbes du lis blanc.
Compt. Rend. Acad. Sci. Paris. 179: 986-989.
N.10, 1924. no.19.

Scuèges, R.

Embryogénie des euphorbiacées. Développement
de l'embryon chez l'Euphorbia esula L. Compt.
Rend. Acad. Sci. Paris. 179: 989-991. illus. N.10,
1924. no.19.

Country Life.

Maxwell, H.

Some of the less common shrubs. Country Life.
56: 760-761. illus. N.15, 1924. no.1454.

Deut. Obstb. Zeit.

Poenicke, W.

Die wachstumsschwankungen nach stimulierung in
ihrer beziehung zu bereits bekannten entwicklungs-
erscheinungen. Deut. Obst.- u. Gemüseb.
Zeit. 70: 505-508. 0.24, 1924. no.43.

Ernähr. Pflanz.

Quanjer, H.M.

Zum kartoffelbau. Ernähr. Pflanz. 20:
153-155. N.1, 1924. no.21.

Floralia.

Keulen, K.van.

Een bladvlekkenziekte bij viooltjes. Floralia.
45: 741. N.14, 1924. no.46.

Florida Fruits & Flow.

Stokley, C.L.

Frost and frost protection. Florida Fruits & Flow. 1: 95-97, 112. N. 1924. no.5.

Florida Grow.

Hunt, C.M.

Spraying to produce quality fruit. Florida. Grow. v.30, no.21. p.6-7. illus. N.22, 1924.

Flor. Exch.

Matthevs, E.

A little talk about weeping trees. Notes on a number of species and their comparative popularity. Flor. Exch. 58: 1537, 1539. N.22, 1924. no.21.

Garden.

Brochner, G.

A continental botanic garden. Garden. 88: 772-773. illus. N.15, 1924. no.2765. Gothenburg, Sweden.

Jacob, J.

Interesting tulips. Garden. 88: 773-774. N.15, 1924. no.2765.

Præger, R.J.

Hunting Sempervivums in the Canary Islands. Garden. 88: 752-754. illus. N.8, 1924. no.2764.

Schneider, C.

New and rare plants. Garden. 88: 776. illus. N.15, 1924. no.2765. Kirengeshoma palmata, Salvia globosa.

Some uncommon shrubs. Garden. 88: 756-757. illus. N.8, 1924. no.2764.

Tagg, H.F.

A new rhododendron. Garden. 88: 760. illus. N.8, 1924. no.2764. Rhododendron cooperi.

Gard.Mag. & Home builder.

Britton, E.G.

Let's grow our holly. II. Native Christmas greens of the East. Gard.Mag. & Home Build. 40: 229. D. 1924. no. 4.

McFarland, J.H.

A musician who became a gardener. Gard. Mag. & Home Build. 40: 236. port. D. 1924. no.4.

Bertrand H. Farr.



Gard.Chron.

Bean, W.J.

- A new pinetum. Gard.Chron. III, 76:
337. illus. N.15, 1924. no.1977.
Bayfordbury, near Hertford.

Friend, H.

- Garden-craft in the Canticles VIII. The
garden of simples. Gard. Chron. III, 76:
318-319. N.8, 1924. no.1976.

Mills, M.

- Asperula suberosa*. Gard.Chron. III,
76: 329. illus. N.15, 1924. no.1977.

Preston, F.G.

- Brunsvigia josenhinae*. Gard.Chron. III,
76: 313. illus. N.8, 1924. no.1976.

Preston, I.

- Liliums from seeds in Ontario. Gard.Chron.
III, 76: 320. illus. N.8, 1924. no.1976.

Shall, G.

- Fraxinus americana ascidiata*. Gard. Chron.
III, 76: 335. illus. N.15, 1924. no.1977.

Ward, F.H.

- Rhododendrons (cont.) Gard. Chron. III,
76: 320-321, 332-333. illus. N.8, 15, 1924.
no.1976-7.

Gard.Chron.Amer.

Ebel, M.C.

- The modern and successful method of arresting
decay in trees. Gard. Chron. Amer. 28: 273,
276. illus. N.1924. no.11.
Reprinted from House Beautiful, O. 1924.

Gard. Illus.

Ashton, E.R.

- Some historic orchids. Gard.Illus. 46: 700-
701. illus. N.15, 1924. no.2384.

Dillistone, G.

- Eremurus* in English gardens. (cont.) Gard.
Illus. 46: 686, 707. illus. N.8, 15, 1924.
no.2383-4.

Jardinage.

Heim, R.

- Les champignons à sclérotés et leurs méfaits.
Jardinage. 11: 70-71. illus. N.1924. no.87.
Pourriture grise de la vigne (*Sclerotinia*
fackeliana)

Truffault, G.

- Le jardin de Claude Monet. Jardinage.
11: 55-59. illus. N. 1924. no.87.

Journ. Agr. Res.

Cook, O.F.

Acromania, or "crazy top," a growth disorder of cotton. Journ. Agr. Res. 28: 803-828. pl.1-15. My.24, 1924 (Rec'd N.) no.8.

Dodge, B.O.

Expulsion of aecidiospores by the mayapple rust, *Puccinia podophylli* Schw. Journ. Agr. Res. 28: 923-926. pl. 1. My.31, 1924 (Rec'd N.) no.9.

Dodge, B.O. & Stevens, N.E.

The *Rhizoctonia* brown rot and other fruit rots of strawberries. Journ. Agr. Res. 28: 643-648. pl.1-3. (part.col.) My.17, 1924 (Rec'd N.) no.7.

The brown *Rhizoctonia* rot, The tan brown rot of strawberries, The leather rot of strawberries; The *Botrytis* brown rot of strawberries.

Fulton, H.R. & Bowman, J.J.

Preliminary results with the borax treatment of citrus fruits for the prevention of blue mold rot, Journ. Agr. Res. 28: 961-968. My.31, 1924 (Rec'd N.) no.9.

Harris, J.A., Lawrence, J.V., & Lawrence, Z.W.

The chlorid content of the leaf tissue fluids of Egyptian and Upland cotton. Journ. Agr. Res. 28: 695-704. My.17, 1924 (Rec'd N.) no.7.

Kempton, J.H.

Correlation among quantitative characters in maize. Journ. Agr. Res. 28: 1095-1102. pl.1. Je.14, 1924 (Rec'd N.) no.11.

King, C.J., Loomis, H.F. & Varmette, D.L.

Comparison of Pima cotton with Upland varieties in Arizona. Journ. Agr. Res. 28: 937-953. pl. 1-3. My.31, 1924. (Rec'd N.) no.9.

Korstian, C.F.

Density of cell sap in relation to environmental conditions in the Wasatch Mountains of Utah. Journ. Agr. Res. 28: 845-907. My.31, 1924. (Rec'd N.) no.9.

Korstian, C.F.

Growth of cut-over and virgin western yellow pine lands in central Idaho. Journ. Agr. Res. 28: 1139-1148. pl.1-3. Je.14, 1924 (Rec'd N.) no.11.

Larson, J.A.

Some factors affecting reproduction after logging in northern Idaho. Journ. Agr. Res. 28: 1149-1157. Je.14, 1924. (Rec'd N.) no.11.

Journ. Agr. Res. (cont.)

Langley, A. E.

Chromosomes in maize and maize relatives. Journ.
Agr. Res. 28: 673-682. pl. 1-3. My. 17, 1924
(Rec'd N.) no. 7.

Love, H. H. & Craig, W. T.

The inheritance of pubescent nodes in a cross
Between two varieties of wheat. Journ. Agr.
Res. 28: 841-844. My. 24, 1924 (Rec'd N.) no. 8.

Mackie, W. W. & Allen, R. F.

The resistance of oat varieties to stem rust.
Journ. Agr. Res. 28: 705-720. pl. 1-2. My. 17,
1924 (Rec'd N.) no. 7.

McPhee, H. C.

The influence of environment on sex in hemp,
Cannabis sativa L. Journ. Agr. Res. 28: 1067-
1080. pl. 1. Je. 14, 1924. (Rec'd N.) no. 11.

Mains, E. B. & Jackson, H. S.

Aecial stages of the leaf rusts of rye, *Puccinia
dispersa* Erikss. and Henn., and of barley, *P.
anomala* Rostr. in the United States. Journ. Agr.
Res. 28: 1119-1126. pl. 1. Je. 14, 1924. (Rec'd
N.) no. 11.

Roberts, J. W. & Dunegan, J. C.

The fungus causing the common brown rot of
fruits in America. Journ. Agr. Res. 28: 955-
960. pl. 1-2. My. 31, 1924 (Rec'd N.) no. 9
Sclerotinia cinerea.

Shantz, H. L. & Piemeisel, R. L.

Indicator significance of the natural vegetation
of the southwestern desert region. Journ. Agr.
Res. 28: 721-802. pl. 1-14. My. 24, 1924. (Rec'd
N.) no. 8.

Steiner, G.

On some plant parasitic nemas and related forms.
Journ. Agr. Res. 28: 1059-1066. pl. 1-4. Je. 14,
1924 (Rec'd N.) no. 11.

Wahlenberg, W. G.

Fall sowing and delayed germination of western
white pine seed. Journ. Agr. Res. 28: 1127-1131.
Je. 14, 1924 (Rec'd N.) no. 11.

Walker, J. C. & Tims, E. C.

A *Fusarium* bulb rot of onion and the relation
of environment to its development. Journ. Agr.
Res. 28: 683-694. pl. 1-3 (part col.) My. 17, 1924.
1924. no. 7.

Wineland, G. O.

An ascigerous stage and synonymy for *Fusarium
moniliforme*. Journ. Agr. Res. 28: 909-922.
illus., pl. 1-2. My. 31, 1924. (Rec'd N.) no. 9.
Gibberella moniliformis, n. comb.

Journ. Amer. Soc. Agron.

Breazeale, J.F.

The injurious after-effects of sorghum.

Journ. Amer. Soc. Agron. 16: 689-700. illus.
N. 1924. no. 11.

Journ. Bot.

Good, R.D'O., Baker, E.G. & Norman, C.

New plants from Central Africa. Journ.

Bot. 62: 332-335. N. 1924. no. 743.

Little, J.E.

Rumex obtusifolius L. x. R. pulcher L.

Journ. Bot. 62: 330-331. N. 1924. no. 743.

Rendle, A.D.

Dr. H.O. Forbes's Malayan plants (Poly-
petalae by E.G. Baker (cont.) Journ. Bot.
62 (Suppl.): 33-40. N. 1924. no. 743.

Salmon, C.E.

Statice v. Limonium. Journ. Bot. 62:
335-336. N. 1924. no. 743.

Believes that the genera Limonium should be
used for Sea lavenders and the genera Statice for
thriffts.

Sprague, T.A.

Unwarranted changes in generic names. Journ.
Bot. 62: 327-328. N. 1924. no. 743.

Changes made in O.A. Farwell's article in Papers
Mich. Acad. 1923.

Wheldon, J.A.

Additions to the Scottish sphagna. Journ.
Bot. 62: 321-327. N. 1924. no. 743.

Journ. Hered.

Benedict, R.C.

Variations among the sporelings of a fertile
sport of the Boston fern. Journ. Hered. 15:
379-394. illus. S. 1924. (Rec'd N.) no. 9.

Conner, A.B. & Karper, R.E.

Chlorophyll deficiencies in sorghum. Journ.
Hered. 15: 377-378. illus. S. 1924 (Rec'd N.)
no. 9.

Eyster, W.H.

Polkadot leaves. Heritable characters of maize.
[XIX] Journ. Hered. 15: 397-400. illus.
S. 1924 (Rec'd N.) no. 9.

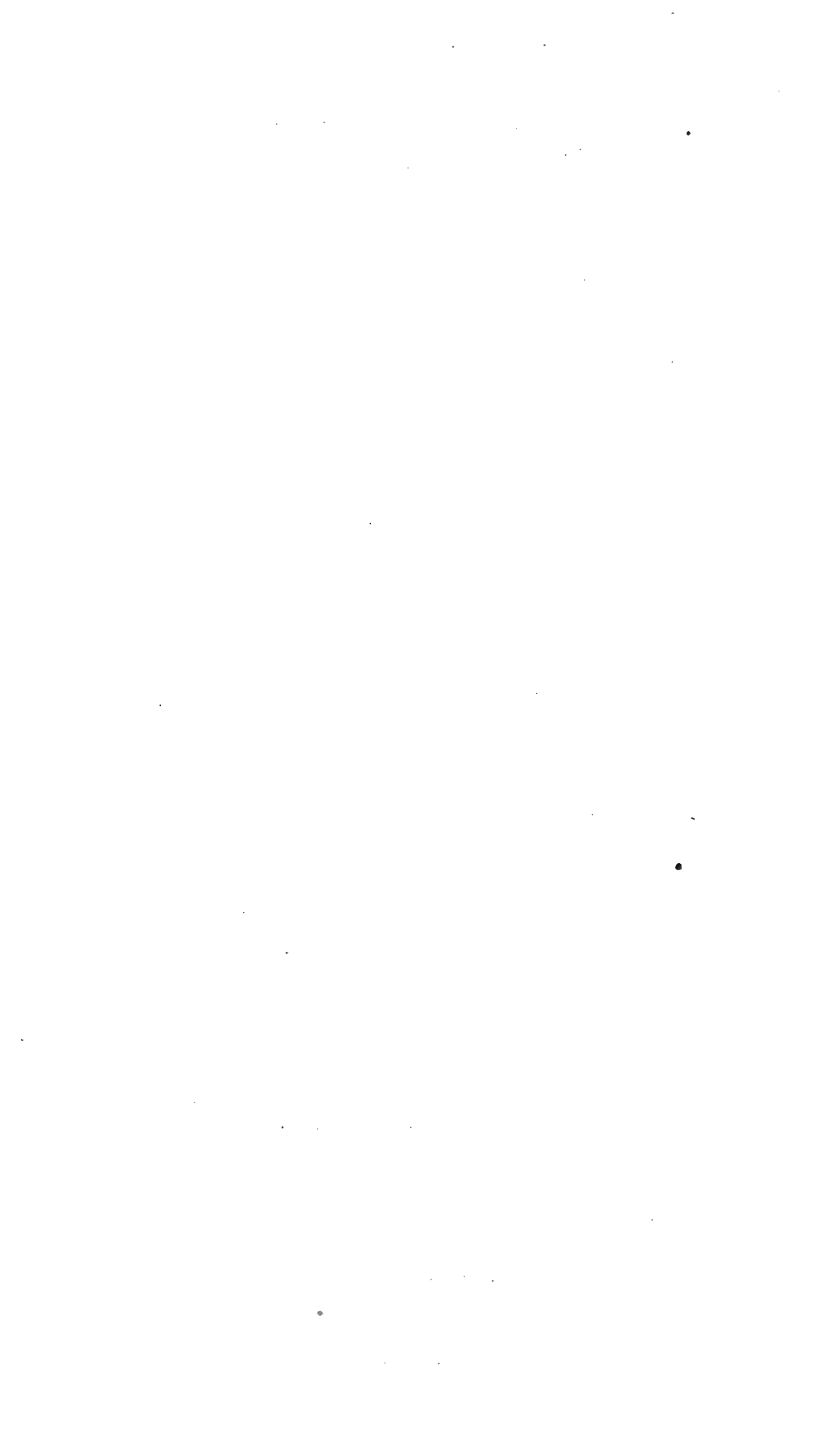
Journ. Landw.

Blanck, E. & Alten, F.

Ein beitrag zur frage nach der einwirkung des
titans auf die pflanzenproduktion. Journ.
Landw. 72: 103-110. O. 1924. no. 2.

Gibs, Wilhelm.

Veränderungen der brandenfalligkeit durch äussere
bedingungen. Journ. Landw. 72: 111-124. O. 1924.
no. 2.



Journ. Landw. (cont.)

Kläsener, O.

Wurzelentwicklung verschiedener kartoffelsorten nach den verhältnissen des Göttinger versuchsfeldes. Journ. Landw. 72: 65-102. O. 1924. no. 2.

Journ. Min. Agr. Gt. Brit.

Coude, H.

New varieties of black currants at Westwick. Journ. Min. Agr. Gt. Brit. 31: 763-767. plates. N. 1924. no. 8.

Journ. N. Y. Bot. Gard.

Denslow, H. M.

Native orchids of Manhattan Island. Journ. N. Y. Bot. Gard. 25: 290-293. N. 1924. no. 299.

Rusby, H. H.

American tropical plants at home. III. The Andean gentians and some of their allies. Journ. N. Y. Bot. Gard. 25: 285-290. N. 1924. no. 299.

Journ. Wash. Acad. Sci.

Blake, S. F.

Five new plants from Venezuela. Journ. Wash. Acad. Sci. 14: 452-456. N. 19, 1924. no. 19;

Draba bellardii, *Aragoe lucidula*, *Erigeron blepharophyllus*, *Desmanthodium blepharopodum*, *Riencourtia pittieri*, n. sp.

Pittier, H.

New or little known Melastomataceae from Venezuela and Panama II. Journ. Wash. Acad. Sci. 14: 447-451. N. 19, 1924. no. 19.

Kosmos.

Behm, H. W.

Zur entdeckung der baumwollpflanze in Deutschland. Kosmos. 1924, p. 326-328. illus. no. 11.

Louisiana Plant.

Cottrell-Dormer, W.

Studies on fertility of sugar cane flowers. Louisiana Plant. 75: 309-391. illus. N. 15, 1924. no. 20.

Misc. Coll. Smithsonian Inst.

Abbott, W. L.

Botanical exploration in the Dominican Republic. In Explorations and field-work... Misc. Coll. Smithsonian Inst. v. 76, no. 10. p. 43-47. illus. 1924.

Maxon, W. R.

Botanical explorations in Panama and Central America. In Explorations and field-work... Misc. Coll. Smithsonian Inst. v. 76, no. 10. p. 47-56. illus. 1924.

Nat. Belge.

Michel, E.

Arum maculatum L. Nat. Belge. 5: 162-165. N. 1924. no. 11.

Nature.

Effect of artificial light on the growth of plants. Nature. 114: 752. N.15, 1924. no.2872.

Priestley, J. H.
Ecology of moorland plants. Nature. 114: 698. N.S, 1924. no.2871.

Semmens, E.S.
Polarised light and starch content of plants. Nature. 114: 719. N.15, 1924. no.2872.
Brief note; full account to be published later.

Nature Mag.

Balch, W.B.
House plants in winter quarters. Nature Mag. 4: 350-361, 382. illus. D. 1924. no.6.

Ricker, P. L.
Our Christmas greens. Nature Mag. 4: 351-354. illus. D.1924. no.6.

Naturwissenschaften.

Lindemann, F.
Vom plankton warmer meere. Naturwissenschaften. 12: 888-895. illus. O.24, 1924. no.43.

Mayer, A.
Die grenzen der Liebigschen agrikulturchemie. Naturwissenschaften. 12: 905-911. O.31, 1924. no.44.

Mayer, A.
Zur geschichte der agrikulturchemie. Naturwissenschaften. 12: 885-887 O.24, 1924. no.43.

Wangerin, W.
Neuere beiträge zur pflanzengeographie der Arktis. Naturwissenschaften. 12: 929-933. N.7, 1924. no.45.

New Phytol.

Allan, H.H.
Induced hydathodes in a New Zealand Veronica. New Phytol. 23: 222-224. illus. O. 1924. no.4.

McGree, F.H.
Flowering in the north of England in 1922 and 1923. New Phytol. 23: 207-216. O. 1924. no.4.

Pearsall, W.H. & Ewing, J.
The diffusion of ions from living plant tissues. in relation to protein iso-electric points. New Phytol. 23: 193-206. O. 1924. no.4.

Praeger, R.L.
A Fuerteventura diary. New Phytol. 23: 216-221. O. 1924. no.4.

Priestley, J.H. & Radcliffe, F. M.
A study of endodermis in the Filicineae. New Phytol. 23: 161-193. illus. O.1924. no.4.



Ochrana Rostlin.

Paučýs, E.

Choroby nověji se objevující na pícninách.
Ochrana Rostlin. 4: 66-67. illus. O. 1924.
no.5.

Novák, Stanislav.

Příčina vzdornosti rostlin proti chorobám.
Ochrana Rostlin. 4: 76-78. O. 1924. no.5.

Novák, S.

Rozšíření plísňe sněžné v Čechách v roce 1924.
Ochrana Rostlin. 4: 65-66. O. 1924. no.5.

Šeda, Ant.

Individuelní výběr sádky bramborové jako
prostředek zaručující zvýšení sklizně a ochrana
bramborů proti chorobám. Ochrana Rostlin.
4: 69-71. O. 1924. no.5.

Stráňák, Fr.

Upozornění na rakovinu bramborů. Ochrana
Rostlin. 4: 71-72. O. 1924. no.5.

Orchid Rev.

Mousley, H.

The fertilisation of *Spiranthes romanzoffiana*.
Orchid Rev. 32: 326-329. illus. N. 1924.
no.377.

Wilson, G.

Oncidium varicosum. Orchid Rev. 32: 334-
336. illus. N. 1924. no.377.

Wilson, G.

A selection of *Bulbophyllums*. Orchid Rev.
32: 338-340. N. 1924. no.377.

Wilson, G.

Vanilla fragrans. Orchid Rev. 32: 323-
335. illus. N. 1924. no.377.

Parfums France.

L'Iris en Italie (The iris in Italy) Parfums
France. 1924, p.283-285. illus. O. 1924. no.20.

Pflügers Arch. Ges. Phys.

Pütter, A.

Der umfang der kohlenäurereduktion durch die
planktonalgen. Pflügers Arch. Ges. Phys.
205: 293-312. S. 1924. no.3/4.

Pharm. Journ.

Adan, J.W.

Old herbals (cont.) Pharm. Journ.
113: 504-506. N.8, 1924. no.3186.

Hobart, F.G.

Calcium in plant metabolism. Pharm. Journ.
113: 500-501. N.8, 1924. no.3186.

Pharm.Journ. (cont.)

Ware, A.H.

Plant colouring matters and chromogens in
relation to pharmacognosy (concl.) Pharm.
Journ. IV, 59: 530-532. N.15, 1924. no.3187.

Proc. Staten Isl. Inst.

Davis, W.T.

The oriental sycamore injured by cold.
Proc. Staten Isl. Inst. 2: 134-136. S.1924.
no.2-4.

Rep. Dept. Agr. Govt. Res.Inst.Formosa, Japan.

Hayakawa, K.

Morphological studies of sugar cane IV.
Root. Rep. Dept.Agr.Gov't. Res. Inst. Formosa,
Japan. no.7. 14.p. plates. N. 1923 (Rec'd. N.1924)
In Japanese.

Rev. Agr. Com.y Trab. Cuba.

Calvino, E.M. de.

Notas sobre la fertilizacion de las flores de
la caña. Rev. Agr., Com. y Trab. Cuba. v.7,
no.3. p.48-49. 1924.

Rev.Agr. Puerto Rico.

Chardón, C.E.

Experimentos sobre matizado en la central
Cambalache. Rev.Agr.Puerto Rico. 13: 205-
218. illus. O. 1924. no.4.

Ramos, R.M.

Estudios sobre el mosaico de la caña. Movimiento
del virus de la enfermedad a traves del tallo en el
caso de infecciones secundarias. Rev.Agr.Puerto
Rico. 13: 219-226. illus. O.1924. no.4.

Rivera, E.M.

Informe preliminar sobre algunas variedades de
caña el la Isla de Cuba. Rev.Agr. Puerto Rico.
13: 227-235. illus. O. 1924. no.4.

Rev.Gén. Bot.

Belval, H.

La genèse de l'amidon dans les céréales.
(concl.) Rev.Gén. Bot. 36: 395-411. S.1924.
no.429.

Killian, C.

Le développement du Graphiola phoenicis Poit.
et ses affinités. Rev. Gén. Bot. 36: 385-394,
pl. 7-10. S. 1924. no.429.

Nicolas, G.

Revue des travaux de physiologie végétale
parus de 1910 à 1919. Rev.Gén. Bot. 36: 412-
431. S. 1924. no.429.

Rev.Hort.

Bultel, G.

Germinations aseptiques d'orchidées. Cultures symbiotique et asymbiotique. Rev.Hort. 96: 268-271. N.16, 1924. no.11.

Cayeux, H.

Variétés nouvelles d'Hortensias. Moyen de les obtenir. Rev.Hort. 96: 266-268. illus. N.16, 1924. no.11.

Rev.Hort. Organ Soc.Hort.Romania.

F , L.

W.Knechtel. Rev.Hort.Organ Soc.Hort. Romania. 2: 409. port. N.1, 1924.

Rhod. Agr. Journ.

Eyles, F.

Diseases of cotton in southern Rhodesia. Rhod. Agr. Journ. 21: 592-595. O. 1924. no.5. Angular leaf spot (*Pseudomonas malvaccarum*, Erw. Sm.), Anthracnose (*Colletotrichum gossypii*, South), Boll rot 1. (*Bacillus gossypini*, Stedm.), Boll rot 2. Black rust (*Macrosporium nigricanthum*, Atk.), Stem rot (*Cladosporium herbarum*, Ik.), Physiological troubles. Boll. shedding.

Walters, J.A.T.

The carob bean (*Ceratonia siliqua*) in Rhodesia and other pod-bearing indigenous trees of value for stock feed. Rhod. Agr.Journ. 21: 567-572. pl. 1-4. O.1924. no.5.

Acacia trees, Bauhinia trees, Swartzia madagascariensis.

Science.

Cardinell, H.A.

Color indicators for blight disinfectants. Science. 60: 455. N.14, 1924. no.1559.

Harvey, R.B.

Enzymes of thermal algae. Science. 60: 481-482. N.21, 1924. no.1560.

Miles, W.R.

William Maddock Bayliss - physiologist. Science. 60: 448-449. N.14, 1924. no.1559.

Reed, E.L.

The peanut plant. Science. 60: 478. N.21, 1924. no.1560. *Arachis hypogea*.

The stimulation of growth by electric light. Science. 60(suppl.): x. N.21, 1924. no.1560.

Scient. Month.

Hitchcock, A.S.

Botanizing in Ecuador. Scient. Month. 19: 611-624. illus. D. 1924. no.6.

Svensk Bot. Tidskr.

Dahlgren, K.V.O.

Zwillinge durch spalten des samens experimentell
hervorgerufen. Svensk. Bot. Tidskr. 18: 492-501.
illus. O. 1924. no. 3.

Diels, I.

Drei neue chinesische Iris-arten. Svensk
Bot. Tidskr. 18: 427-429. O. 1924. no. 3.
Iris proantha, I. polysticta, I. narcissiflora,
n. sp.

Du Rietz, G.E.

Die soredien und isidien der flechten. Svensk.
Bot. Tidskr. 18: 371-396. O. 1924. no. 3.

Erdtman, O.G.E.

Mitteilungen über einige Irische moore.
Svensk Bot. Tidskr. 18: 451-459. O. 1924. no. 3.

Fedtschenko, B.

Clethraceae de l'Amérique du Sud. Svensk Bot.
Tidskr. 18: 487-491. O. 1924. no. 3.

Fries, H.

Växtlokaler från Göteborgs och bohus Län.
Svensk Bot. Tidskr. 18: 430-441. O. 1924. no. 3.

Magnusson, A.H.

New species of the genus Acarospora. Svensk
Bot. Tidskr. 18: 329-342. O. 1924. no. 3.

Melin, E.

Die phosphatiden als ökologischer faktor im boden.
(Vorläufige mitteilung). Svensk. Bot. Tidskr. 18:
460-464. O. 1924. no. 3.

Nannfeldt, J.A.

Revision des verwandtschaftskreises von Centella
asiatica (L.) Urb. Svensk. Bot. Tidskr. 18: 397-
426. illus., pl. vi-viii. O. 1924. no. 3.

Philipson, C.

A study on the influence of the ratio between
sodium and calcium in a very dilute nutrient solution
upon the growth of Svelöf's Dala-oats. Svensk,
Bot. Tidskr. 18: 343-370. O. 1924. no. 3.

Skärman, J.A.O.

Ett märkligt fall av abnormt utbildade Salix-
hängen. Svensk Bot. Tidskr. 18: 502-506. illus.
O. 1924. no. 3.

Smith, H.

Bidrag till torne Lappmarks flora. Svensk
Bot. Tidskr. 18: 442-450. O. 1924. no. 3.

Sterner, R.

Om Olands flora. Svensk Bot. Tidskr. 18:
465-468. illus. O. 1924. no. 3.

Vestergren, T.

Apera interrupta (L.) PB. (Agrostis interrupta
L.), en sydlig zero-term på Ölands och Gotlands
hällmarker. Svensk Bot. Tidskr. 18: 469-486.
illus. O. 1924. no. 3.

Svensk. Mosskult. Tidskr.

Witte, H.

Några undersökningar rörande hårdskaliga balj-
växtfröns groningen i jord. Svensk Bot. Mosskult.
Tidskr. 38: 360-371. N. 1924. no.5-6.

Tectona.

Altona, T.

Djati en hindoos. De invoer van den djati op
Java. Tectona. 17: 865-902. O.1924. no.10.

English summary (Djati (Teak) and hindoos. Importa-
tion of Djati): p. 902.

Tennessee Farm.

Helfinbein, H.L.

Pear growing. Tennessee Farm. v.14, no.2.
p.7, 16, 19. illus. N. 1924.

Tijdschr. Plantenz.

Wellensiek, S.J.

Een onderzoek naar de factoren, die ontijdige
knolvorming bij voroegge aardappels bepalen.

Tijdschr. Plantenz. 30: 117-226. pl. vi-vii.
N. 1924. no.11.

Trans. Bot. Soc. Edinb.

Bennett, A.

Notes on Potamogeton. Trans. & Proc. Bot.
Soc. Edinburgh. 29: 45-53. 1924. no.1.

Potamogeton alatofructus, P.mandschuriensis,
P.methyensis, P.hagströmii, P.venosus, sp.nov.

Druce, G.C.

Carex microglochis, Wahl. A species new to
Scotland. Trans. & Proc. Bot.Soc. Edinburgh.
29: 1-3. 1924. no. 1.

Druce, G.C.

Scottish taraxaca. Trans. & Proc. Bot.
Soc. Edinburgh. 29: 4-7. 1924. no.1.

Graham, R.J.D. & Stewart, L.B.

Vegetative propagation of Ornithogalum and
Drimia. Trans. & Proc. Bot. Soc. Edinburgh.
29: 69-71. 1924. no.1.

Henderson, E.M.

The stem structure of Sargentodoxa cuneata,
Rehd. et Wils. Trans. & Proc. Bot. Soc. Edin-
burgh. 29: 57-62. illus. 1924. no.1.

Hill, J.R.

Richard Glode Bayer, Ph.C., M.P.S. Trans.&
Proc. Bot.Soc. Edinburgh. 29: 117-118. 1924. no.1.

Johnston, H.H.

Additions to the flora of Orkney, as recorded in
Watson's "Topographical botany," second edition (1883)
Trans. & Proc. Bot. Soc. Edinburgh. 29: 83-95. 1924. no.1.

Kean, C.J.

The morphology and physiology of the leaves of some
Crassulaceae. Trans. & Proc. Bot. Soc. Edinburgh. 29:
96-104. illus. 1924. no.1.

Trans. Bot. Soc. Edinb. (Cont.)

Knagg, M.M.B.

The leaf structure of *Begonia fuchsioides*, Hook.
Trans. & Proc. Bot. Soc. Edinburgh. 29: 63-65.
illus. 1924. no.1.

Mitchell, M.R.

Note on the lateral lines of the petioles of ferns.
Trans. & Proc. Bot. Soc. Edinburgh. 29: 105-112. illus.
1924. no.1.

Nelson, A.

"Hard seeds" and broken seedlings in red clover.
Trans. & Proc. Bot. Soc. Edinburgh. 29: 66-68. 1924.
no.1.

Orr, M.Y.

Abnormal fruits of *Erysimum czetzianum*, Schur.
Trans. & Proc. Bot. Soc. Edinburgh. 29: 10-14.
illus. 1924. no.1.

Simpson, J.R.

Some moss records for Selkirk. Trans. & Proc.
Bot. Soc. Edinburgh. 29: 72-82. 1924. no.1.

Smith, E.P.

The anatomy and propagation of *Clematis*. Trans.
& Proc. Bot. Soc. Edinburgh. 29: 17-26. illus., pl. ii-
iii. 1924. no.1.

Smith, E.P.

The germination of *Garcinia ovalifolia*, Oliv.
Trans. & Proc. Bot. Soc. Edinburgh. 29: 15-16.
illus. 1924. no.1.

Smith, W.G.

Eugene Warming. Trans. & Proc. Bot. Soc. Edin-
burgh. 29: 113-116. 1924. no.1.

Smith, William W.

On *Primula pauliana*. Trans. & Proc. Bot.
Soc. Edinburgh. 29: 8-9. pl. i. 1924. no.1.

Stewart, E.J.A. & Patton, D.

Additional notes on the flora of the Culbin
sands. Trans. & Proc. Bot. Soc. Edinburgh. 29:
27-40. 1924. no.1.

List of plants additional to those recorded in
1914 found on the Culbin sands: p. 39-40.

Stewart, L.B.

The budding of *Acer*. Trans. & Proc. Bot.
Soc. Edinburgh. 29: 43-44. pl. v. 1924. no.1.

Stewart, L. B.

Remarks on the morphology and propagation of
Gardenia sp. Trans. & Proc. Bot. Soc. Edinburgh.
29: 41-42. pl. iv. 1924. no.1.

Trav. Sci. Univ. Rennes.

Daniel, L.

Nouvelles recherches sur la migration de
l'inuline chez les hélianthées greffées. Trav.
Sci. Univ. Rennes. 17: 21-83. illus., pl. i-xxxi.
1924.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes the use of statistical techniques to identify trends and anomalies in the data, and the importance of using reliable sources of information.

3. The third part of the document discusses the role of the auditor in the process. It explains that the auditor's primary responsibility is to provide an independent and objective assessment of the financial statements. This involves a thorough review of the records and a comparison of the results with the applicable accounting standards.

4. The fourth part of the document discusses the importance of transparency and accountability in the financial system. It explains that transparency allows stakeholders to make informed decisions based on the available information, and accountability ensures that those responsible for the financial system are held to a high standard of performance.

5. The fifth part of the document discusses the challenges faced by the financial system and the steps being taken to address them. It identifies the need for improved regulation and oversight, and the importance of ongoing monitoring and evaluation of the system's performance.

6. The sixth part of the document discusses the future of the financial system and the role of technology in its development. It explains that the use of digital technologies is transforming the way financial transactions are conducted, and that this will continue to be a major driver of innovation in the industry.

7. The seventh part of the document discusses the importance of international cooperation in the financial system. It explains that the global nature of financial markets requires a coordinated effort to address issues such as money laundering and tax evasion, and that this requires a high level of trust and cooperation between countries.

8. The eighth part of the document discusses the role of the public in the financial system. It explains that the public has a right to know how the financial system is operating, and that this information should be made available in a clear and accessible format. It also discusses the importance of public participation in the development of financial policies and regulations.

9. The ninth part of the document discusses the importance of education and training in the financial system. It explains that a well-educated and trained workforce is essential for the effective operation of the financial system, and that this requires a commitment to ongoing learning and development.

10. The tenth part of the document discusses the importance of ethical standards in the financial system. It explains that the financial system is a trust-based industry, and that the highest ethical standards must be maintained to ensure the integrity of the system. It also discusses the role of professional associations in promoting and enforcing these standards.

Trav. Sci. Univ. Rennes. (Cont.)

Lesage, P.

Sur l'emploi de pots perforés, en terre cuite,
dans les cultures en solutions. Trav. Sci.
Univ. Rennes. 17: 12-16. 1924.

Matte, H.

Flore de Bretagne, synopsis analytique illustré
des plantes vasculaires observées dans le massif
armoricain. Trav. Sci. Univ. Rennes. 17(suppl.):
1-123. illus. 1923 (1924)

Tree Talk.

Bartlett, F.A.

How to protect your trees. Tree Talk. v.6,
no.3. p.9-11. 1924.

First shade tree conference. Tree Talk. v.6,
no.3. p.6-8, 26-29. illus. 1924.

Hilliard, J.B.

The old oak tree at Salem, N.J. Tree Talk.
v.6, no.3. p.18. illus. 1924.

Trop. Agr.

Hardy, F.

Vegatable fat production and the calcium content
of soil. Trop. Agr. 1: 189-190. D.1924. no.12.

Die Umschau.

Brandt, P.

Tertiäre gummibäume in der mitteldeutschen
braunkohle. Die Umschau. 28: 852-853. illus.
N.1, 1924. no.44.

U.S. Dept. Agr. Circ.

Meier, F.C.

Extension work in plant pathology, 1923, U.S.
Dept. Agr. Dept. Circ. 329. 19 p. illus. N.1924.

U.S. Dept. Agr. Farm. Bull.

Darrow, G.M. & Detwiler, S.E.

Currants and gooseberries: their culture and
relation to white-pine blister rust. U.S. Dept.
Agr. Farm. Bull. 1398. 38 p. illus. Ag.1924 (Rec'd N.)

Johnson, A.G., McKinney, E.H. & Leighty, C.E.

The rosette disease of wheat and its control.
U.S. Dept. Agr. Farm Bull. 1414. 10 p. illus. Je.
1924 (Rec'd N.)

Vict. Nat.

MacGillivray, W.

An excursion in south-west Queensland. Vict.
Nat. 41: 103-120. pl. iv. O.1924. no.6.

Pitcher, F.

In the Strathbogie ranges. Vict. Nat. 41:
100-102. O.1924. no.6.

Vie Agr. et Rur.

Ducomet, V.

La lutte contre les maladies de la pomme de terre
par la sélection. Vie Agr. et Rur. 25: 292-294.
N.1, 1924. no.44.

Vie Agr. et Rur. (Cont.)

Mottet, S.

Les meilleures variétés de pommes de terre.

Vie Agr. et Rur. 25: 295-299. illus. N.1, 1924. no.44.

Sévegrand, P.

La préparation des semences de pommes de terre.

Vie Agr. et Rur. 25:289-291. illus. N.1, 1924. no.44.

Wisconsin Hort.

Chambers, E.L.

Dusting and spraying demonstrations.

Wisconsin

Hort. 15: 42-43. illus. N. 1924. no.3.

Zeitschr. Bot.

Funke, G.L.

Ueber die Isolierung von basidiosporen mit dem
mikromanipulator nach Janse und Péterfi.

Zeitschr.

Bot. 16:619-623. 1924. no.10.

Huber, G.

Notiz über *Gloeotarium loitlesbergerianum*

Hansgirg. Zeitschr. Bot. 16: 624-626. 1924. no.10.

Stark, P.

Pollenanalytische untersuchungen an zwei Schwarz-
waldhochmooren.

Zeitschr. Bot. 16: 593-618.

1924. no.10.

Exper. Stat. Publ.

Batchelor, L.D.

Walnut culture in California.

California Agr.

Exper.Stat.Bull. 379. 91 p. illus. Je.1924 (Rec'd N.)

Insect and disease pests: p.75-84.

Hibbard, R.P.

The salt requirements of Marquis wheat in
water culture for the vegetative phase of development.

Michigan Agr.Exper.Stat.Tech. Bull. 64. 28 p. illus.
Je.1924 (Rec'd N.)

Swingle, D.B.

[Report of the] Department of botany and
bacteriology for the year ending June 30, 1923.

Ann. Rep. Montana Agr.Exper.Stat. 30: 25-26. illus.
F.1924.

State Publications.

Mason, C.R.

The mushroom industry of Pennsylvania. Bull.

Dept.Agr.Pennsylvania. 392 (v.7, no.13) 28 p.

illus. Ag.1924.

New Books.

Chamberlain, C.J.

Methods in plant histology. 4th rev. ed.

Chicago, 1924.

Fonseca, O. da.

Vegetação e aspecto phytogeographico do Brazil.
Rio de Janeiro, 1923.

Fron, G.

Les maladies des plantes cultivées. Paris,
[1923?]

22 col.pl., each accompanied by 3 or 4 unnumb.
pages of text.

Cereals; vine & fruit trees; vegetables & forage
plants; forest trees.

New Books. (Cont.)

Hedrick, U.P.

Manual of American grape-growing. New rev.ed.
New York, Macmillan, 1924.
Grape pests and their control: p.204-229.

Hunter, H.

Oats: their varieties and characteristics, a
practical handbook for farmers, seedsmen, and
students. London, 1924.
131 p. plates.

Kirchner, O.v.

Die krankheiten und beschädigungen unserer
landwirtschaftlichen kulturpflanzen... 3. voll.
ständig umgearb. aufl. Stuttgart, E.Ulmer, 1923.

Massachusetts. Dept. of agriculture Div. of plant
pest control.

Plan governing the conduct of cooperative white
pine blister rust control work on the state of Massa-
chusetts. (n.p.) 1924.

17 p.
Mimeographed.

Das pflanzenreich. heft. 56-57. J1.-Ag. 1924.

Cruciferae-Sisymbriaceae von O.Schulz.
Dioscoreaceae von R.Knuth.

Record, S.J. & Mell, C.D.

Timbers of tropical America. New Haven,
Yale Univ. Press, 1924.

Schmidt, A.

Atlas der diatomaceen-kunde...hrsg.von Friedrich
Hustedt. heft 88/89. pl.349-356. Je.1922-J1.1924.
Pl.353-356, dated Je.1922.

Studia mendeliana, ad gentesimum diem natalen Gregorii
Mendelii a grata patria celebrandum. Brunae, 1923.

415 p. illus., port., plates.

Tschirch, A.

Handbuch der pharmakognosie. v.3, lfg. 15. Leipzig,
1924?

Translations available in the Bur. of Plant Industry Library.

Fichter, G.

Weiteres zur unterlagen - Frage in obstbau
(Further remarks about the stock problem in fruit
culture) Moeller's Deut.Gärtn.Zeit. 37:
173-175. Ag.10,1922. no.22.

LIFE-3-11

Library, Bureau of Plant Industry
Current Author Entries, 1924, no. 150.
Nov. 29 - Dec. 13, 1924.

Acta For. Fenn.

Multamäki, S. E.

Tutkimuksia ojitettujen turvemaiden metsänkas-
vusta (Untersuchungen über das waldwachstum
entwässerter torfböden) Acta. For. Fenn.
no. 27. 131 p. plates. 1923.
German résumé: p. 109-121.

Agric. Colon.

Chiovenda, Emilio

Contributo alla conoscenza della flora del Paese
dei Cunama (Eritrea). Agric. Colon. 18: 342-
352. O. 1924. no. 10.

Leone, G.

Sulla coltivazione dell'erba medica nelle oasi
della Tripolitania. Agric. Colon. 18: 330-336.
O. 1924. no. 10.

Sibilia, C.

Un caso patologico in *Myrtus communis*. Agric.
Colon. 18: 352-354. plates. O. 1924. no. 10.

Agricultura (Santiago de las Vegas)

Barreto, B. T.

Las plantas melíferas. Agricultura (Santiago
de las Vegas) v. 2, no. 2. p. 4-7. illus. N. 1924.

Amer. For. & For. Life.

Ricker, P. L.

A call to protect our Christmas greens. Amer.
For. & For. Life. 30: 716-718. illus. D. 1924.
no. 372.

Severence, F.

Galax, a new contender among our Christmas greens.
Amer. For. & For. Life. 30: 740-742. illus. D. 1924.
no. 372.

Amer. Fruit Grow Mag.

Peltier, G. L.

Citrus varieties resistant to canker. Amer.
Fruit Grow. Mag. v. 44, no. 12. p. 7, 21, 25. D. 1924.

Amer. Midl. Nat.

Crier, N. M.

The native flora of the vicinity of Cold Spring Har-
bor, N. Y. Schizophyta, Myxomycetes, Dinoflagellatae,
Bacillariophyta. Amer. Midl. Nat. 9: 245-256.
S.-N. 1924. no. 5-6.

Angew. Bot.

Oberstein, O.

Der sortenbau auf pflanzengeographischer grund-
lage - Vorarbeiten zu einer planwirtschaft für die
provinz ober- und niederschlesien. Angew. Bot.
6: 395-408. J1./S. 1924. no. 3.

Angew. Bot. (cont.)

Reinau, E.

Kritische bemerkungen zum wirkungsgesetz der wachstumsfaktoren bei kohlendüngung.

Angew. Bot. 6: 361-394. J1./S. 1924. no.3.

Rumbold, C.

Desinfektion von zuckerrübensamen mit formaldehydgas und dampf.

Angew. Bot. 6: 427-437. illus. J1./S. 1924. no.3.

Schander, R. & Richter, K.

Die Rhizoctonia-Keimfäule der kartoffel und die möglichkeit ihrer bekämpfung durch beizung.

Angew. Bot. 6: 408-427. J1./S. 1924. no.3.

Arch. Suikerind. Nederl. Indië (Meded.)

Bremer, G.

De cytologie van det suikerriet. III. De chromosomen bij primitieve vormen van het geslacht Saccharum.

Arch. Suikerind. Nederl.-Indië (Meded.) 16. p.477-508. illus. S. 1924. (Rec'd D.)

Ber. Deut. Bot. Ges.

Boresch, Karl

Zur frage der ersetzbarkeit des eisens bei der chlorose.

Ber. Deut. Bot. Ges. 42: 284-290. O.1924. no.7.

Czaja, A.T.

Zur frage der habituellen diözie bei Onoclea struthiopteris Hoffm.

Ber. Deut. Bot. Ges. 42: 300-304. O.1924. no.7.

Pfeiffer, H.

Zur experimentellen anatomie der trennungsgewebe.

Ber. Deut. Bot. Ges. 42: 291-295. O. 1924. no.7.

Schoenebeck, B.

Die antipodenvermehrung der typhaceen

Ber. Deut. Bot. Ges. 42: 296-299. illus. O.1924. no.7.

Weber, F.

Protoplasma-viscosität copulierender spirogyren.

Ber. Deut. Bot. Ges. 42: 279-284. O. 1924. no.7.

Biochem. Zeitschr.

Fellenburg, Th. von.

Untersuchungen über das vorkommen von jod in der natur. II. Bestimmung kleinster jodmengen.

Biochem. Zeitschr. 152: 116-127. O.1924. no.1/2. ----- III. Jodbestimmungen in lebensmitteln, düngemitteln, schweizerischen mineralwässern. Biochem. Zeitschr. 152: 128-131. O.1924. no.1/2.

----- IV. Ueber das entweichen von elementarem jod aus meerwasser. Biochem. Zeitschr. 152: 132-134. O. 1924. no.1/2.

----- V. Untersuchungen über den jodgehalt der luft. Biochem. Zeitschr. 152: 135-140. illus. O.1924. no.1/2.

----- VI. Ueber den zusammenhang zwischen der häufigkeit des auftretens von kropf und den jodgehalt der umwelt. Biochem. Zeitschr. 152: 141-152. O.1924. no.1/2.

Biochem. Zeitschr. (cont.)

Fellenburg, Th. von.

VII. Ueber den jodgehalt der gesteine, der geologische formationen und der mineralien und über die bedingungen der jodanreicherung in erden. Biochem. Zeitschr. 152: 153-171. O. 1924. no.1/2.

----- VIII. Ueber das freiwerden elementaren jods aus erde. Biochem. Zeitschr. 152: 172-184. O. 1924 no.1/2.

H. Geilinger und K. Schweizer joint authors.

----- IX. Ueber jodabspaltung und jodspeicherung durch mikroorganismen. Biochem. Zeitschr. 152: 185-190. O. 1924. no.1/2.

H. Geilinger joint author.

Bol. Soc. Nac. Agr. Chile.

Riesle, R.

La enfermedad más importantes del manzano. *Aphelinus mali* versus pulgón lanigero - Arseniato contra carpocapsa. - El chancro. Bol. Soc. Nac. Agr. Chile. 55: 935-939. O. 1924 no.10.

Bot. Arch.

Pieschel, E.

Ueber die transpiration und wasserversorgung der hymenomyceten (Ein beiträg zur biologie der hutpilze.) Bot. Arch. 8: 64-104. O. 1924. no.1-2.

Saltzmann, B.

Ergänzende sero-diagnostische untersuchungen. Bot. Arch. 8: 3-36. O. 1924. no.1-2.

Sinz, P.

Bau, wandlungen, und neubildungen der sekundären rinde der cupressineen. Bot. Arch. 8: 40-63. illus. O. 1924. no.1-2.

Staudermann, W.

Die haare der monokotylen. Bot. Arch. 8: 105-184. illus. O. 1924. no.1-2.

Steinecke, Fr.

Die zygosporie der zygophyceen als terrestrische anpassung. Bot. Arch. 8: 36-39. illus. O. 1924. no.1-2.

Thomson, P.

Der einfluss der gaseruptionen auf die oberflächenformen der hochmoore. Bot. Arch. 8: 1-2. O. 1924. no.1-2.

Bot. Gaz.

Berry, E. W.

A Sparganium from the Middle Eocene of Wyoming. Bot. Gaz. 78: 342-348. illus. N. 1924. no.3.



Bot. Gaz. (cont.)

- Blaine, S.F.
New American Melibomias. Bot. Gaz. 78: 271-
288. pl. iv. N. 1924. no. 3.
- Collins, G.N.
The prophyllum of grasses. Bot. Gaz. 78:
353-354. illus. N. 1924. no. 3.
- Hopkins, E.F.
Relation of low temperatures to respiration and
carbohydrate changes in potato tubers. Bot. Gaz.
78: 311-325. N. 1924. no. 3.
- Jurica, H.S.
A study in the grouping of plants. Bot.
Gaz. 78: 326-334. illus. N. 1924. no. 3.
- McPhee, H.C.
Meiotic cytokinesis of Cannabis. Bot. Gaz.
78: 335-341. pl. vii. N. 1924. no. 3.
- Reed, E.L.
Anatomy, embryology, and ecology of Arachis
hypogea. Bot. Gaz. 78: 289-310. illus., pl. v-
vi. N. 1924. no. 3.
- Spangler, R.C.
Cladosporium fulvum. Bot. Gaz. 78: 349-352.
illus. N. 1924. no. 3.
- Vries, H. de & Boedyn, K.
Doubled chromosomes of *Oenothera lamarckiana*
semigigas. Bot. Gaz. 78: 249-270. illus.
N. 1924. no. 3.

Bot. Közlem.

- Cholnoky, B.
Adatok Budapest bacillariae-inak eletrjedése
ismeretéhez. Bot. Közlem. 20: 66-79. illus.
N. 1923 (Rec'd D. 1924). no. 1/3.
German résumé (Beiträge zur Kenntnis der ver-
breitung der bacillarien von Budapest): p. (5)-(6).
- Hollendonner, F.
Növényi szövetek elszenesítése és fotografálása.
Bot. Közlem. 20: 87-89. illus. N. 1923 (Rec'd D.
1924) no. 1/3.
German résumé (Ein neues verfahren zur verkoh-
lung und zum photographieren pflanzlicher gewebe):
p. (8).
- Hollós, L.
Földalatti gombák szekszárdról. Bot. Közlem.
20: 79-82. N. 1923 (Rec'd D. 1924) no. 1/3.
German résumé (Unterirdische pilze aus der Umge-
bung von Szekszárd): p. (6).

Bot. Közlem. (cont.)

Loesz, G. von.

A lengyel botanika multja és jelene. Bot. Közlem. 20: 48-56. N.1923 (Rec'd Dec. 1924) no.1/3. German résumé (Ueber die vergangenheit und gegenwart der polnischen botanik): p.(4).

Rapaics, R.

Egy fejezet a növények társadalmi életéből. Bot. Közlem. 20: 1-18. N.1923 (Rec'd D.1924). German résumé (Ueber sukzessionen): p.(1)-(2).

Zsák, Z.

Cesszehasonlító hybrid-tanulmányok. Bot. Közmen. 20: 18-48. illus. N.1923 (Rec'd D.1924) no.1/3. German résumé (Vergleichende untersuchungen über hybride): p.(2)-(3).

Bull. Soc.Bot. Ital.

Fenaroli, L.

Forme di "Polypodium vulgare L." Raccolte sui monti del Lago d'Iseo. Bull. Soc. Bot. Ital. 1924, p.146-147. O. 1924. no.7.

Massalongo, C.

A proposito di scopazzi osservati sopra un "Ulmus campestris L." Bull. Soc. Bot. Ital. 1924, p.159-160. O.1924. no.7.

Bull.Soc.Chim. France.

Langlais, P. & Goby, J.

Contribution à l'étude de l'essence concrète d'iris. Bull. Soc. Chim. France. IV, 35: 1307-1310. O. 1924. no.10.

Bull.Torr. Club.

Gleason, H.A.

Studies on the flora of northern South America. I- Bull.Torr. Bot.Club. 51: 443-448. N.1924. no.11.

Levine, M.

Crown gall on Bryophyllum calycinum. Bull. Torr. Bot. Club. 51: 449-456. pl.10. N.1924. no.11.

Calif. Pear Grow.

Hendrickson, A.H.

Pear tree chlorosis. Calif. Pear Grow. v.4, no.10. p.6. N. 1924.

Casové Spisky. Min.Zemědělství. Czechoslovak Rep.

Spirhanzl, J.

O rašelinach. Casové Spisky Min. Zeměd. Czechoslovak Rep. 1924. no.38. 116 p. illus.

Chaparra Agr.

Calvino, E.M. de.

Botánica de la caña de azúcar. (cont.) Chaparra Agr. v.1, no.7-8. p.13-17. N.-D. 1924.

Calvino, E.M. de & Calvino, M.

La "Caña C H.64 (21)" o sea la "super-Uba." Chaparra Agr. v.1, no.7-8. p.1-12. illus. N.-D.1924.

China Journ. Sci. & Arts

Chang, Fu-Liang.

Some Chinese trees and tree products. China
Journ. Sci. & Arts. 2: 564-570. Nov. 1924. No. 6.
Chinese characters given.

Compt. Rend. Acad. Sci. Paris.

Bridel, M.

Sur la présence de très fortes quantités de
maltose libre dans les tubercules frais de
l'*Umbilicus pendulinus* D.C. Compt. Rend. Acad.
Sci. Paris. 179: 1190-1192. N.24, 1924. no.21.

Cerighelli, R.

Sur l'indol des fleurs du jasmin d'Espagne.
Compt. Rend. Acad. Sci. Paris. 179: 1193-1195.
N.24, 1924. no.21.

Chaussin, J.

Etude du milieu soluble et des tissus insolubles
au cours du développement du blé; influence d'un
engrais minéral complet. Compt. Rend. Acad. Sci.
Paris. 179: 1195-1197. N. 24, 1924. no.21.

Chaze, J.

Essais de cultures pures d'une saprolégnée.
Compt. Rend. Acad. Sci. Paris. 179: 1188-1190.
N.24, 1924. no.21.

Colin, H.

Formation, distribution et circulation de l'
inuline dans la tige de topinambour. Compt. Rend.
Acad. Sci. Paris. 179: 1186-1188. N.24, 1924.
no.21.

Daniel, L.

L'hérédité chez les plantes greffés. Compt.
Rend. Acad. Sci. Paris. 179: 1198-1199. N.24, 1924.
1924. no.21.

Gravier.

Eugène Simon. Compt. Rend. Acad. Sci.
Paris. 179: 1004-1006. N.17, 1924. no.20.

Lubimenko, V.

Sur la quantité de la chlorophylle chez les
algues marines. Compt. Rend. Acad. Sci. Paris.
179: 1073-1076. N.17, 1924. no.20.

Munerati, O.

Contribution à l'étude de l'apparition du sexe
chez les plantes dioïques. Compt. Rend. Acad.
Sci. Paris. 179: 1200-1202. N.24, 1924. no.21.

Plantefol, L.

Le problème écologique pour l'*Hypnum triquetrum* L.
Compt. Rend. Acad. Sci. Paris. 179: 1076-1079. N.17,
1924. no.20.

Country Life.

Beckett, E.
Some modern climbers. Country Life. 56; 807-809. illus. N.22, 1924. no.1455.

Wilson, E.H.
Wild roses. Country Life. 56: 848-850. illus. N.29, 1924. no.1456.

Deut.Landw. Presse.

Appel, O.
Die mosaikkrankheit der kartoffel. Deut. Landw. Presse. 51: 527. col.pl. N.15, 1924. no.46.

Deut. Obstb. Zeit.

Fürstenberg, C.
Vorläufiges ergebnis von versuchen mit verschiedenen spritzmitteln im obstbau während des winters. Deut. Obst.-u.Gemüseb.-Zeit. 70: 553-554. N.14, 1924. no.46.

Florida Grow.

Nason, R.S.
The "Florida Marvel blackberry." Florida Grow. v.30, no.22. p.6,22. illus. N.29, 1924.

Flor. Exch.

Bailey, L.H.
The history and development of floriculture. Flor.Exch. 58: 1595. N.29, 1924. no.22.

Flow.Grow.

Burbank, L.
Some western gladiolus history. Flow. Grow. 11: 507-508. illus., port. D.1924. no.12.

Erdmann, J.E.
The propagation of hyacinths in America. Flow. Grow. 11: 496-497. illus. D.1924. no.12.

Robinson, C.H.
Notable midsummer and fall flowers of the dunes. Flow. Grow. 11: 489-491. illus. D.1924. no.12.

For.Leaves.

Historic elm in Pittsburgh. For. Leaves. 19: 185. D.1924. no.12.

At residence of Miss Sarah E. Bissell. Sent to her father in 1884 by John L. Hays of Cambridge, Mass. from the "Cragie Mansion."

Keller, J.W.
Should we plant white pine? For.Leaves. 19: 184-185. plates. D.1924. no.12.
White pine blister rust: p.185.

Fruit World Australasia.

Adam, D.B.
Internal breakdown of apples. Soils, pruning, cultivation, manuring, irrigation, drainage and the age of trees are factors in determining the "storage life" of fruit. Fruit World Australasia. 25: 500-501. N.1924. no.11.

Garden.

Adam, R.M.
Gentiana gentilis. Garden. 38: 804-805. illus. N.29, 1924. no.2767.
Introduction from Yunnan.

Dykes, W.R.
On raising irises from seed. Garden. 88: 790-791. illus. N.22, 1924. no.2766.

Jacob, J.
The Wrexham delphiniums. A long spire-shaped breed of delphinium, different in appearance from the usual blunt-ended varieties. Garden. 88: 797-798. illus. N.22, 1924. no.2766.

Macself, A.J.
An old English flower. Garden. 88: 788-789. illus. N.22, 1924. no.2766.
Hollyhock.

Ward, J.B.
Aristolochia elegans. Garden. 88: 803. illus. N.29, 1924. no.2767.

Gard. Illus.

Beckett, E.
A selection of Berberis. Gard. Illus. 46: 738. N.29, 1924. no.2386.

Gard. Chron.

Dicks, S.B.
Onions for Autumn sowing. Gard. Chron. III, 76: 359-360. illus. N.22, 1924. no.1978.

Dowson, W.J.
Die-back disease of rambler roses. Gard. Chron. III, 76: 374. N.29, 1924. no.1979.
Gnomonia rubi.

Friend, H.
Garden-craft in the Canticles IX. The flower garden. Gard. chron. III, 76: 354-355. N.22, 1924. no. 1978.

Ward, F.K.
Rhododendrons (concl.) Gard. Chron. III, 76: 356. N.22, 1924. no.1978.

Gartenw.

Dageförde, E.
Neue dahlien von Severin in Kremmen. Gartenw. 28: 544-546. illus. N.14, 1924. no.46.

Kammeyer, H.F.
Stimulierungsversuche an einjahrsblumen. Gartenw. 28: 543. illus. N.14, 1924. no.46

Gleanings in Bee Cult.

Burr, L.
Adventures with honey plants. Gleanings in Bee Cult. 52: 769-772. D.1924. no.12.

Medina.

Cook, M.T.

Enfermedades de la batata. Hacienda. 19:
375-378. illus. D.1924. no.12.

Medina, T.

El algodón en Colombia. Hacienda. 19: 362-
364. illus. D.1924. no.12.

Pittier, H.

Apuntes sobre cacao. Las tres especies fundamen-
tales de las cuales provienen todas las variedades
cultivadas. Hacienda. 19: 364-365. illus.
D.1924. no.12.

House & Gard.

Pickett, B.

The plants of California gardens. House & Gard.
v.46, no.6. p.53-55, 122, 124, 126. illus. D. 1924.

Wilson, E. H.

Fruiting trees and shrubs. Among these plants may
be obtained, from late summer to mid-winter, a succession
of bright berries in all the colors of the spectrum.
House & Garden. v.46, no.6. p.60-61, 114, 120, 122.
illus. D. 1924.

Indian For.

New Indian species of forest importance. Pt.6. Indian
For. 50: 572-587. No.1924. no.11.

Journ. Agr.Prat.

Guyot,

Les maladies charbonneuses des céréales. Journ.
Agr. Prat. 88: 433-434. N.29, 1924. no.48.

Journ. Agr. Res.

Brotherton, W.

Gamete production in certain crosses with
"rogues" in peas. Journ. Agr.Res. 28: 1247-
1252. Je.21, 1924. (Rec'd D.) no.12.

Dodge, B.O.

Uninucleated aecidiospores in *Caecoma nitens*,
and associated phenomena. Journ. Agr. Res.
28: 1045-1058. pl.1-5. (part col.) Je. 7, 1924.
no.10.

Kearney, T.H.

Non-inheritance of terminal bud abortion in
Pima cotton. Journ. Agr.Res. 28: 1041-1042.
pl. 1. Je.7, 1924 (Rec'd D.) No.10.

Posey, G.B. & Ford, E.R.

Survey of blister rust infection on pines at
Kittery Point, Maine, and the effect of *Ribes*
eradication in controlling the disease. Journ.
Agr.Res. 28: 1253-1258. Je.21, 1924 (Rec'd D.)
no.12.

Reddy, C.S. & Johnson, A.G.

Bacterial blight of rye. Journ.Agr.Res. 28:
1039-1040. pl.1. Je.7, 1924. (Rec'd D.) no.10.
Bacterium translucens secalis, n.var.

Journ. Agr. Res. (cont.)

Sando, C.E.

The isolation and identification of quercetin from apple peels. Journ. Agr. Res. 28: 1243-1245. Je. 21, 1924 (Rec'd D.) no. 12.

Sax, K. & Gaines, E.F.

A genetic and cytological study of certain hybrids of wheat species. Journ. Agr. Res. 28: 1017-1032. pl. 1-2. Je. 7, 1924. (Rec'd D.) no. 10.

Journ. Agr. Sci.

Woodman, H.E. & Engledow, F.L.

A chemical study of the development of the wheat grain. Journ. Agr. Sci. 14: 563-586. O. 1924. no. 4.

Journ. Arnold Arb.

Hu, H. H.

Notes on Chinese ligneous plants. Journ. Arn. Arb. 5: 227-233. O. 1924. no. 4.

Elaeocarpus kwangtungensis, *E. yentangensis*, *Eriolaena szemaoensis*, *E. glabrescens*, *Maesa henryi*, n. sp.

Rehder, A.

New species, varieties and combinations from the herbarium and the collections of the Arnold Arboretum. (cont.) Journ. Arn. Arb. 5: 235-242. O. 1924. no. 4.

Shaw, G.R.

Notes on the genus *Pinus*. Journ. Arn. Arb. 5: 225-227. O. 1924. no. 4.

Wilson, E.H.

A new species of *Reevesia*. Journ. Arn. Arb. 5: 233-235. O. 1924. no. 4.
Reevesia sinica, sp. nov.

Journ. Biol. Chem.

Chibnall, A.C. & Nolan, L.S.

A protein from the leaves of the alfalfa plant. Journ. Biol. Chem. 62: 173-178. N. 1924. no. 1.
Name of protein not given.

Chibnall, A.C. & Nolan, L.S.

A protein from the leaves of *Zea mays*. Journ. Biol. Chem. 62: 179-181. N. 1924. no. 1.
Name of protein not given.

Journ. Dept. Agr. Victoria.

Adams, D.B.

Cool storage of fruit. Journ. Dept. Agr. Victoria. 22: 577-590. O. 1924. no. 10.
Report on experiments conducted during 1923 season.

Richardson, A.E.V.

Diseases of wheat. In his *Wheat and its cultivation*. Journ. Dept. Agr. Victoria. 22: 600-614. illus. O. 1924. no. 10.

Journ. Hered.

Benedict, R.C.

Variation among the sporelings of a fertile sport of the Boston fern. II. The second generation sporeling cultures of fertilis types. Journ. Hered. 15: 421-431. illus. O.1924 (Rec'd D.) no.10.

Jones, D.F.

The origin of flint and dent corn. Journ. Hered. 15: 416-419. illus. O.1924. no.10.

Journ. Soc. Nat. Hort. France.

Gérôme, J.

Au sujet du persil a grosse racine, et de leur histoire botanico-horticole. Journ. Soc.Nat. Hort. France. IV, 25: 351-353. O.1924.

Guillaumin, A.

A propos de l'origine des tulipes dragonnes et de leur appellation. Journ. Soc. Nat. Hort. France. IV, 25: 353-355. O.1924.

Landw. Jahrb. Schweiz.

Kobel, F.

Die keimfähigkeit des pollens einiger wichtiger apfel- und birnsorten und die frage der gegenleitigen befruchtungsfähigkeit dieser sorten. Landw. Jahrb. Schweiz. 38: 461-473. 1924. no.4.

Liechti, P. & Truninger, E.

Beiträge zur vegetativen untersuchung des kalkstickstoffs. Landw. Jahrb. Schweiz. 38: 445-459. 1924.

Meded. Koffiebessenboeb.-fonds.

Schweizer, J.

Over het verschil in vatbaarheid voor boeboekaanstasting bij koffie. Meded. Koffiebessenboek.-fonds. no.11. p.287-314. S. 1924.

Meded. Proefst. Thee Nederl. Ind.

Keuchenius, A.A.M.N.

Botanische kenmerken en cultuurwaarde als groenbemester van een 60-tal nieuwe soorten van leguminosen. Meded. Proefst. Thee Nederl. Indië 90. 44 p. xiv pl., 3 fold. tab. 1924.

Mem. & Proc. Manchester Lit. & Phil. Soc.

Lang, W.H.

On some deviations from the normal morphology of the shoot in *Osmunda regalis*. Mem. & Proc. Manchester Lit. & Phil. Soc. 68: 53-67. illus. 1924. no.5.

Weiss, F.E.

A tri-hybrid *Primula*. Mem. & Proc. Manchester Lit. & Phil. Soc. 68: 91-96. illus. 1924. no.8. *Primula acaulis* x *elatior* x *juliae*.

Mycologia.

Beardslee, H.C.

Notes on the scaly species of Hydnaceae.
Mycologia. 16: 255-258. pl.20. N. 1924.
no.6.

Sarcodeon.

Faris, J.A.

Factors influencing the infection of wheat by
Tilletia tritici and *Tilletia laevis*. Mycologia.
16: 259-282. N. 1924. no.6.

Nachrichtenbl. Deut. Pflanzenschutzd.

Peters,

Ueber eine neue keimlingskrankheit des spinates
und über die artgleichheit ihres erregers mit *Phoma*
betae Fr. Nachrichtenbl. Deut. Pflanzen -
schutzd. 4: 83-84. N.1, 1924. no.11.

Nature.

Effect of artificial light on the growth of plants.
Nature. 114: 732. N.15, 1924. no.2872.

New Zeal. Journ. Agr.

Goudie, H.A.

The growing of electric-transmission or telegraph
poles. New Zeal. Journ. Agr. 29: 243-253.
illus. O. 1924. no.4.

Nord. Jordbrugsforsk.

Jørstad, I.

Om færilige plantesykdommer og hvad som gjøres
for å hindre deres utbredelse. Nord. Jordbrugs-
forsk. 1924, p.333-354. no.5.

Nuestra Tierra Buenos Aires.

Baez, J.R.

La espiga blanca. Enfermedad del trigo. Nuestra
Tierra. 7: 430-481. illus. O. 1924. no.126.

Propiedades medicinales de las plantas (cont.)
Nuestra Tierra. 7: 486. illus. O. 1924. no.126.

Ahucema o espliego (*Lavandula vera* DC.);
Capuchina - espuela de galen mastuerzo (*Tropaeolum*
majus L.); Borracha (*Borrago officinalis* L.)

Nuovo Giorn. Bot. Ital.

Chiarugi, A.

L'origine dello stolofillo dalla foglia cotile-
donare e l'evoluzione del sistema vascolare per
accelerazione basifuga in "*Tulipa silvestris*" L.
Nuovo Giorn. Bot. Ital. 31: 177-192. pl. iv.
Jl. 1924 (Rec'd D.) no.3.

Pampanini, R.

Nuovo contributo alla conoscenza della flora
della Cirenaica. Nuovo Giorn. Bot. Ital. 31:
193-233. Jl. 1924 (Rec'd D.) no.3.

Sibilia, C.

Ricerche floristiche sul territorio di Anagni.
II. Nuovo Giorn. Bot. Ital. 31: 161-176. Jl. 1924.
(Rec'd D.) no.3.

Perfum. & Essent. Oil Rec.

Penfold, A.R. & Morrison, F.R.

Eucalyptus piperita and its essential oils,
with special reference to their piperitone content.
Perfum. & Essent. Oil Rec. 15: 385-386. N.1924.
no.12.

Pharm. Journ.

Mellor, E.M.

The countries our drugs come from. XIII. Peru.
Pharm. Journ. IV, 59: 555-557. N.22, 1924.
no. 3188.

Wallis, T. E.

Botany: outline of classification. (cont.)
Pharm. Journ. IV, 59: 551-554. N.22, 1924. no.3188.

Phytopath.

Atanasoff, D.

Methods of studying the degeneration diseases of
potato. Phytopath. 14: 521-533. N. 1924. no.11.

Bruyn, H.L.G. de.

The Phytophthora disease of lilac. Phytopath.
14: 503-517. illus. N. 1924. No. 11.

Palm, B.T. & Jochems, S.C.J.

A disease on Amaranthus, caused by Choanephora
cucurbitarum (B. & Rav.) Thaxter. Phytopath.
14: 490-494. pl. xxviii. N.1924. no.11.
A. blitum.

Quanjer, H.M.

Endothia prasitica. Phytopath. 14: 535.
N. 1924. no.11.

Quanjer, H.M.

Institutions for phytopathology and economic
entomology in Holland. Phytopath. 14: 534.
N. 1924. no.11.

Quanjer, H.M.

Standardizing of degeneration diseases of
potato. Phytopath. 14: 518-520. N. 1924.
no.11.

Scott, C.E.

Tylenchus dipsaci Kühn on narcissus. Phyto-
path. 14: 495-502. illus., pl.xxix. N.1924. no.11.

Sideris, C.P.

The effect of hydrogen-ion concentration on
the extracellular pectinase of Fusarium cromo-
phoron. Phytopath. 14: 481-489. N.1924. no.11.

Prakt. Blätt. Pflanzenb. u. Pflanzensch.

Merl, E.H.

Prüfung von schwermetallverbindungen als
beizmittel gegen Fusarium bei winterroggen.
Prakt. Blätt. Pflanzenb. u. Pflanzensch. 2: 157-
175. O.1924 (Rec'd D.) no.7.

Prakt. Ratg. Obst. - Gartenb.

Fichte,

Die Kohlhernie und ihre Bekämpfung. Prakt.
Ratg. Obst. u. Gartenb. 39: 289-290. O.10, 1924. no.28.

Proc. Amer. Phil. Soc.

Allen, C. E.

Inheritance by tetrad sibs in Sphaerocarpos.
Proc. Amer. Phil. Soc. 63: 222-235. 1924. no.2.

Proc. Roy. Soc. Ser. B.

Baly, E.C.C. & Semmens, E.S.

The selective photochemical action of polarised
light, I- Proc. Roy. Soc. Ser. B. 97: 250-253.
pl. 12-13. D.1924. n.532.
I. The hydrolysis of starch.

Quart. Journ. For.

Le Sueur, A.D.C.

The common ash. Quart. Journ. For. 18:
217-227. J1.1924 (Rec'd D.) no.3.

Queensl. Agr. Journ.

Cottrell-Dorner, W.

Cane pests and diseases. Queensl. Agr. Journ.
22: 275-277. O.1924. no.4

Swain, E.H.F.

A universal index to wood. Queensl. Agr. Journ.
22: 278-281. O.1924. no.4.

White, C. T.

Possibilities of camphor cultivation in Queensland.
Queensl. Agr. Journ. 22: 308. O.1924. no.4.
Cinnamomum camphora.

White, C.T. & Francis, W.D.

Queensland trees [34] Endiandra compresso.
Queensland Agr. Journ. 22: 308-310. illus. O.1924.
no.4.

Rev. Bot. Appl.

Blaringhem, L.

Etudes sur la sélection du lin II. Recherches
statistiques sur la dégénérescence des lins à fibres.
Rev. Bot. Appl. 4: 633-651. (cont.) O.1924. no.38.

Chevalier, A.

Les mimosées arborescentes pour l'ombrage des
cultures tropicales. Rev. Bot. Appl. 4: 673-
683. O.1924. no.38.

Perrier de la Bathie, H.

Sur quelques plantes non cultivées de Madagascar
à fruits comestibles ou utiles et sur la possibilité
de leur culture. Rev. Bot. Appl. 4:
652-663. O.1924. no.38.

Rev. Bryol.

Amann, J.

Les muscinées et la réaction de substrat.
Rev. Bryol. 51: 34-37. 1924. no.3.

Bartram, E.B.

Scopelophila ligulata Spruce in North America.
Rev. Bryol. 51: 47-48. 1924. no.3.

Rev. Fac. Agron. Univ. La Plata.

Ferri, C. & Touliçot, P.S.

Nueva planta forrajera. Kudzu (Pueraria thumbergiana Benth.)
Rev. Fac. Agron. Univ. La Plata. III, 15: 43-56. illus. 1924. no.3.

Marchionatto, J.B.

Nueva contribución al conocimiento de los hongos parásitos de las plantas cultivadas. Rev. Fac. Agron. Univ. La Plata. III, 15: 7-21. illus. 1924. no.3

Rev.Gen. Bot.

Douin, Ch.

Recherches sur le gamétophyte des marchantiées. IV. Lois de la coalescence des tissus chez les muscinées. Rev.Gen.Bot. 36: 433-450. illus. 0.1924. no.430.

Killian, G.

Le développement du Graphiola phoenicis Poit. et ses affinités (concl.) Rev. Génv.Bot. 36: 450-460. 0.1924. no.430.

Nicolas, G.

Revue des travaux de physiologie végétale parus de 1910 à 1919 (suite) Rev.Genv. Bot. 36: 461-480. 0.1924. no.430.

Rev.Hort. Algérie.

Trabut, L.

Le noyer et la greffe sur noyers Américains. Rev.Hort.Algerie. 28: 211-214. 0.1924. no.10.

Rev. Vitic.

Sicard, H.

Le surgreffage de la vigne. Son application dans certaines manifestations pathologiques, apoplexie, rougeau. Rev. Vitic. 61: 333-336. N.20, 1924. no.1586.

Riv.Biol.

Artom, C.

Le cellule germinative studiata nella loro tendenza a determinare il sesso. Riv. Biol. 6: 440-457. Jl.-O. 1924. no.4-5.

Russk. Hidrobiol. Zeitschr.

Chugunova-Sekharova, N.L.

Some results of an exploration (!) of lotos in the Caspian-Volga region. Russk. Hidrobiol. Zeitschr. 3: 173-199. illus. 1924. no.8/10.

Russia, English abstract, p.198.

Science.

A.M. Burroughs. Science. 60: 497. N.28, 1924.
no.1561.

Notice of death.

Crew, H. & Lillie, F.R.

William A. Lacy - 1857-1924. Science. 60: 491-
493. N.28, 1924. no.1561.

Durrell, I.W.

Stimulation of spore germination by CO₂.
Science. 60: 499. No.28, 1924. no.1561.

Plant injections. Science. 60(Suppl.) x.
N.28, 1924. no.1561.

Scientia.

Vries, H. de.

Unsuccessful species. Scientia. II, 36: 383-
390. 1924. no.12.

Scient. Agr.

Kirk, L.E.

Aberrant forms in Arctic sweet clover. Scient.
Agr. 5: 113-116, illus. D.1924. no.4.

Sci. Bull. Dept. Agr. So.Africa.

Copeman, P.R. v.d. R.

An investigation into some physical and chemical
changes occurring in grapes during ripening.
Sci. Bull. Dept. Agr. So.Africa. no.30. 38 p.
1924.

Soil Sci.

Lomanitz, S.

The influence of sodium chloride upon alfalfa
grown in solution cultures. Soil Sci. 18: 353-
368. pl. 1. N. 1924. no.5.

Sigmond, A.A.J. de.

The alkali soils in Hungary and their reclama-
tion. Soil Sci. 18: 379-381. No.1924. no.5.

Sucrierie Belge.

Decoux, J.

La frisolée de la betterave sucrière. Sucrierie
Belge. 44: 177-185. illus. N.15, 1924. no.6.

Sver. Utsädesför.Tidskr.

Åkerman, A.

Havreodling och havreförädling särskilt för
södra Sverige. Sver Utsädesför. Tidskr. 34:
183-198. 1924. no.4.

Through the Leaves.

Kuhn, J. & Girard, A.

Kematodes. Through the Leaves. 12: 595-596,
illus. D. 1924. no.12.

Tieteell. Julk. Finska Mosskulturf.

Warén, H.

Untersuchungen über die botanische entwicklung der
moore mit berücksichtigung der chemischen zusammenset-
zung des torfes. Tieteell. Julk. Finska Moss-
kulturf. no.5. 95 p. 1924.

Trop. Agr.

Ranganatha Rao, V.N.
Mysore cottons and their improvement. Trop.
Agr. 63: 210-213. O. 1924. no.4.

Die Umschau.

Bornemann, F.
Erbien- und Nährstoffversorgung der Kulturpflanzen. Die.
Umschau. 28: 872-874. No.8, 1924. no.45.

U.S. Dept. Agr. Bull.

Yethers, W.W. & Winston, J.R.
Mixing emulsified mineral lubricating oils with
deep-well waters and lime-sulphur solutions. U.S.
Dept. Agr. Bull. 1217. 5 p. D.3, 1924.

U.S. Dept. Agr. Farm. Bull.

Beattie, J.H.
Lettuce growing in greenhouses. U.S. Dept. Agr.
Farm. Bull. 1418. 22 p. illus. N. 1924.
Diseases affecting greenhouse lettuce: p.18-20.

Rose, D.H.

Diseases of stone fruits on the market. U.S.
Dept. Agr. Farm. Bull. 1435. 16 p. illus. S. 1924
(Rec'd D.)

Vie. Agr. et Rur.

Dubois, P.
La laitue feuille de chêne et ses variations.
Vie Agr. et Rur. 25: 347. N.22, 1924. no.47.

Zeitschr. Angew. Chem.

Schmidt, E.W.
Über die Ausmittlung eines Pflanzenschutz-
mittels und seine fungizide Bewertung. Zeitschr.
Angew. Chem. 37: 903. N.13, 1924. no.46.

Zeitschr. Indukt. Abstamm. u. Vererbungslehre.

Pélzer, K.
Neuere Untersuchungen über geschlechtschromoso-
men bei Pflanzen. Zeitschr. Indukt. Abstamm. u.
Vererbungslehre. 35: 172-175. illus. 1924. no.2.
Sammelreferat.

Schiemann, E.

Neuere genetische Arbeiten über die Gattung Rosa.
Zeitschr. Indukt. Abstamm. u. Vererbungslehre. 35: 161-
172. illus. 1924. no.2.
Sammelreferat.

Zeitschr. Pflanzenkr.

Fuchs, J.
Über die Beziehungen von Fusarium zu anderen
Fruchtformen. Zeitschr. Pflanzenkr. 34: 193-
220. illus. 1924. no.5/6.

Linsbauer, K.

Über Teilungsanomalien und metaplastische
Chlorophyllbildung in der Epidermis von Monstera.
Zeitschr. Pflanzenkr. 34: 220-223. illus. 1924.
no.5/6.

Zeitschr. Untersuch. Nahr.-u. Genussm.

Griebel, C.

Einige beobachtungen über den reifungsprozess
der bananen. Zeitschr. Untersuch. Nahr. u.-
Genussm. 48: 221-227. illus. S. 1924. no.3.

Exper. Stat. Publ.

Work, F.

Nitrate of soda in the nutrition of the tomato.
Cornell Agr. Exp. Stat. Mem. 75. 86 p. illus. Je. 1924.

Poole, R.F.

The stem rot of sweet potatoes. Losses, sources
of infection and control New Jersey Agr. Exp. Stat.
Bull. 401. 32 p. illus. Ag. 1924.
Fusarium hyperoxysporium and F. batatitidis.

Gladwin, F.E.

The behavior of American grapes grafted on
vigorous stocks. New York State Agr. Exp. Stat.
Bull. 508. 54 p. pl. i-vi. Ja. 1924 (Rec'd D.)

Gladwin, F.E.

The grafting of American grapes. New York
State Agr. Exp. Stat. Bull. 520. 18 p. pl. i-vi.
Jl. 1924 (Rec'd D.)

New York (state) agricultural experiment station

[Report of the] division of botany [for the
fiscal year ended June 30, 1924] Ann. Rep. New
York Agr. Exp. Stat. 43: 29-34. 1924.

Stewart, F.C.

Control of leafroll and mosaic in potatoes by
isolating and rouging the seed plat, New York
State Agr. Exp. Stat. Bull. 522. 14 p. Ag. 1924.

Stewart, F.C. & Parrot, P.J.

Experiments with potatoes. I. Dusting vs. spraying.
II. Row competition and border effect. New York State
Agr. Exp. Stat. Bull. 518. 37 p. Jl. 1924 (Rec'd D.)

Thatcher, R. W. & Streeter, L.R.

Chemical studies of the combined lead arsenate
and lime-sulfur spray. New York State Agr. Exp. Stat.
Bull. 521. 20.p. Ag. 1924.

Thomas, R.C.

Seed treatment to prevent smuts of wheat. Ohio
Agr. Exp. Stat. Month. Bull. 9: 117-118. Jl.-Ag. 1924
(Rec'd D.) no. 7-8.

Young, H.C. & Hesler, L.R.

Peach diseases. Ohio Agr. Exp. Stat. Month. Bull.
9: 131-136. Jl.-Ag. 1924 (Rec'd D.)

Hume, A.N.

Some tentative statements concerning Fowlds hullless
oats. South Dakota Agr. Exp. Stat. Bull.
205. p. 615-628. illus. Mr. 1924.

New Books.

Bavendamm, W.

Die farblosen und roten schwefelbakterien des
süss- und salzwassers... Jena, G. Fischer, 1924.
(Pflanzenforschung hrsg. von R. Kolkwitz heft 2)

Dybowski, J.

Traité de culture potagère. Paris, 1924.
Diseases treated under each section.

Fairbridge, D.

Gardens of South Africa, London, 1924.

Jones, W.S.

Timbers, their structure and identification,
Oxford, Clarendon press, 1924.

Knoche, H.

Vagandi mos. Reiseskizzen eines botanikers.
I. Die Kanarischen inseln 1923. Strasbourg, [1924].
304 p. front., pl. i-xxiv.

Kraus, R. & Uhlenhuth, P., eds.

Handbuch der mikrobiologischen technik 1-3.
Berlin, 1923-1924.

1 Das mikroskop - Färbung - Nährböden und
züchtung. 1923.

2 Nährböden und züchtung (2. teil) - Nachweis
allgemeiner eigenschaften der mikroorganismen
Methoden zum nachweis der infektionskrankheit-
en 1923.

3 Besondere gebiete - Einrichtungen von instituten
1924

Natürlichen pflanzenfamiliellen... 2. stark verm.

u. verb. auflage hrsg. A. Engler, 10. bd. Musci
(laubmoose) 1. hälfte Leipzig, 1924.

Musci von W. Ruhland (Sphagnaceae von H. Paul;
Andreaeaceae; Bryales, spezieller teil von V.F.
Brotherus)

North American flora v. 10, pt. 4. 227-276. N. 29,
1924.

Agaricales (Agaricaceae pars): W.B. Murrill; Ino-
cybe: C.H. Kauffman; Pholiota: L.O. Overholts.

Wolley-Dod, A.H.

The roses of Britain. Detailed descriptions of
the wild roses known to grow in the British Islands,
with notes on their peculiarities and affinities, and
on their comital distribution. London, 1924.

112 p.

Translations available in the Bur. of Plant Industry Library.

Eriksson, J.

Betningsförsök med uspulun och supersolfo såsom
kampmedel emot stinksot ä vete (Experiments with uspulun
and supersolfo against stinking smut in wheat) K. Landtbr.-
Akad. Handl. o. Tidskr. 61: 607-610. illus. 1922.

Gleisberg, W.

Saatgut-beizung und-stimulierung. (On the treatment
and stimulation of seed) Illus. Landw. Zeit. 43:
191-192, 1923.

Translations (cont.)

Henning, E.

Om betning mot stinkbrand (*Tilletia tritici*)
stråbrand (*Urocystis occulta*) och hårdbrand
(*Ustilago hordei*) II. Bidrag till formalin-betning-
gen teknik, (Treatment against *Tilletia tritici*,
Urocystis occulta, and *Ustilago hordei*. II. A.
contribution to the technics of the treatment with
formalin) K. Landbr.-Akad. Handl. o. Tidskr.
61: 377-407. illus. 1922.

Reprinted as Meddel. n:r 231 Centralanst. F.
Rörsöksv. Jordbr. Avedl. Landbruksbot. n:r 24.

Nilson, G.

Några undersökningar rörande olika betnings-
medels inverkan på skjutkraften hos havre.
(Experiments with various fungicides to test their
influence upon the sprouting power of oats)
Sver. Utsädesför. Tidskr. 33: 276-285. 1923.



Library, Bureau of Plant Industry.
Current Author Entries, 1924, no. 151.
Dec. 15 - Dec. 27, 1924.

Agr. Gaz. N.S.W.

Birmingham, W.A.

Another fungus attacking cotton (*Sclerotinia* sp.)

Agr. Gaz. N.S.W. 35: 797-798. illus. N.1924.
no.11.

Provisionally called *S.libertiana*.

Blakely, W.F.

Weeds of New South Wales. Field bindweed. (*Convolvulus arvensis* L.) Agr. Gaz. N.S.W. 35:
786-788. illus. N.1924. no.11.

Alpe.Riv. For. Ital.

Petri, L.

Il castagno del giappone attaccato dall'oidio
delle querce. L'Alpe. 11: 347. N. 1924. no.11.

Microsphaera quercina.

Amer. Journ. Pharm.

Peacock, J.C.

Notes on the iron-greening factor of *Digitalis*.

Amer. Journ. Pharm. 96: 875-885. D.1924. no.12.

Read before the 1924 meeting of the Penn. Pharm.

Assoc.

Ann. Ecole Nat. Agr. Grignon.

Crépin, Ch.

Observations sur les rouilles des céréales, en
1923, a Grignon. Ann. Ecole Nat. Agr. Grig-
non. 8: 137-146. illus. 1923? (Rec'd D. 1924)

Ducomet, V.

Degenerescence de la pomme de terre. Théorie
mycorhizienne et selection. Ann. Ecole Nat. Agr.
Grignon. 8: 96-136. 1923? (Rec'd D.1924)

Arch. Protistenk.

Lohwag, H.

Der Übergang von *Clathrus* zu *Phallus*. Arch.

Protistenk. 49: 237-259. illus. N.1924. no.2.

Arch. Rubbercult. Nederl.-Ind.

Bobilioff, W.

Onderzoekingen over de oxydatie-enzymen voor-
komende bij *Hevea brasiliensis*. Arch. Rubber-
cult. Nederl.-Ind. 8: 817-845. N. 1924. no.11.

English summary (Investigations about oxidation
enzymes in *Hevea brasiliensis*): p.844-845.

Keuchenius, P.E.

Beschouwingen over bruine bastziekte. Arch.
Rubbercult. Nederl.-Ind. 8: 803-816. N. 1924
no.11.

Also in English (Consideration on brown bast
disease of rubber): p.810-816.

Austral. For. Journ.

Gardner, C.A.

The forest formations of western Australia.

no.6. The Mulga bush. Austral. For. Journ.

7: 256-259. O.1924. no.10.

Boll. Assoc. Ital. Piante Med.

Pagliani, L.

Le proprietà dei rododendri. Boll. Assoc.
Ital. Piante Med. 7: 197-200. N. 1924. no.11.

Bot. Arch.

Lindemann, E.

Peridineen des alpenrandgebietes. Bot. Arch.
8: 297-303. illus. N. 1924. no.3-4.

Mayr, E.

Getreidebau und getreidesorten im salzburgischen
salzachtal. Bot. Arch. 8: 185-223. illus.
N. 1924. no.3-4.

Neuhoff, W.

Zytologie und systematische stellung der auri-
culariaceen und tremellaceen. Bot. Arch. 8:
250-297. illus. N. 1924. no.3-4.

Ruehl, K.

Beiträge zur kenntnis der gattung Prunus. Bot.
Arch. 8: 224-249. illus. N. 1924. no.3-4.

Ziegenspeck, H.

Ueber einen stärkeähnlichen löslichen stoff im
fruchtknoten von bromeliaceen. Bot. Arch. 8: 303-
304. N. 1924. no.3-4.

Bot. Tidsskr.

Eugenius Warming, 3. November 1841- 2. April 1924.

Bot. Tidsskr. 39: 1-55. port. N. 1924. no.1.

Warming og Dansk botanisk forening. By L.K.

Rosenvinge. p.3-6. illus.

Eug. Warming. En levnedsskildring. By Carl

Christensen. p.7-30. ports.

Warmings almindelige botaniske virksomhed. By

C.H. Ostenfeld. p.31-38.

Warming som plantegeografisk forsker. By

A. Mentz. p.39-44.

Eug. Warming in memoriam. By Ch. Flahault, O.

Jule, C. Schröter, and A. G. Tansley.

Bull. Appl. Bot. & Plant-breed. (Russian)

Karpetchenko, G.D.

The number of chromosomes and the genetic correlation
of cultivated Cruciferae. Bull. Appl. Bot. & Plant-
breed. [Russian] 13(2): 3-14. pl. 1924.

Russian with English resumé.

Sinskaja, E.N.

A contribution to the knowledge of regularity (paral-
lelism) in the variability of the family Cruciferae.

Bull. Appl. Bot. & Plant-breed. [Russian] 13(2): 15-89.
1924.

Russian with English resumé.

Zaitzev, G.S.

On the fructification in inter-species hybrids of
cotton. Bull. Appl. Bot. & Plant-breed. [Russian] 13
(2): 91-115. 4pl. 1924.

Russian with English resumé.

Bull. Appl. Bot. & Plant-breed. (Russian) (cont.)

Zaitev, G.S.

A hybrid between Asiatic and American cotton plants - *Gossypium herbaceum* L. & *Gossypium hirsutum* L. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 117-134. 1924.

Russian with English resumé.

Mal'tsev, A.I.

Association of plants in Kamennaja stepj (province Voronezh) Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 136-254. 1924.

Russian with English resumé.

Boushinski, V.P.

Natural conditions of the growth of "tshee" (*Lasiagrostis splendens* Kunth) and the possibility of introducing its cultivation. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 255-268. 1924.

Russian with English resumé.

Sinskaja, E.N.

A contribution on the teratology of *Brassica campestris* L. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 269-274. pl. 1924.

Russian with English resumé.

Mal'tsev, A.I.

Brassica dissecta Boiss., as a special weed of the flax sowings in the south of Russia. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 277-278. 1924.

Russian with English resumé.

Regel, R.

Analysen von *Beckmannia eruciformis* Host. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 279-281. 1924.

Russian with German resumé.

Stoletova, E.A.

Weed elements in the seed material of the province of Saratov. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 283-353. 1924.

Russian with English resumé.

Palladin, V.I. & Popov, M.G.

Inquiry concerning the formation of diastase in plants. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 355-369. 1924.

Russian.

Zaitev, G.S.

Varieties of *Sesamum indicum* L. cultivated in Turkestan. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 371-389. 1924.

Russian with English resumé.

Zaitev, G.S.

Flowering, fruit-formation and dehiscence of the bolls of the cotton-plant. Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 391-460. 1924.

Russian with English resumé.

Bull. Appl. Bot. & Plant-breed. (Russian) (cont.)

Grossheim, A.A.

A new variety of wild mountain rye in Transcaucasia.

Bull. Appl. Bot. & Plant-breed. [Russia] 13(2): 461-482.
1924.

Secale vavilovi.

Russian with English resumé.

Ivanov, S.L.

The influence of the climatic factors on the physiologic-chemical characters of the plants... Bull.

Appl. Bot. & Plant.-Breed. [Russia] 13(2): 483-491.
1924.

Russian with English resumé.

Manoilov, E.O.

Ueber eine chemische reaction bei der geschlechtsbestimmung der zweihäusigen pflanzen. Bull. Appl. Bot.

& Plant-breed. [Russia] 13(2): 503-505. 1924.

Russian with German resumé.

Bull. Coll. Agr. Univ. Alberta.

Sanford, G.B.

Potato diseases. Bull. Coll. Agr. Univ. Alberta.
no.5. 34p. illus. Ag. 1924.

Bull. Econ. Indochine.

Carton, L.

Le caoutchouc en Indochine. Bull. Econ. Indochine.
27: 349-449. illus. 1924. no.4.

Bull. Soc. Centr. For. Belgique.

La maladie des ormes. Bull. Soc. Centr. For. Belg.
31: 603-607. N. 1924. no.11.

Note rédigée d'après les rapports de MM. les agents forestiers.

Cause undetermined.

Cereal Chem.

Swanson, C.O.

Factors which influence the quantity of protein in wheat. Cereal Chem. 1: 279-288. N.1924.
no.6.

Circ. Secc. Prop. e Inform. Min. Agr. Argentine.

Girola, C.

Plantas medicinales su cultivo en la República Argentina. Circ. Secc. Prop. e Inform.

Min. Agr. Argentine. 231. 84 p. illus. Mr. 1924.

Crop Prot. Digest Bull. Ser.

Giddings, N. J. & Berg, A.

Report on disease control in West Virginia.

Crop Protection Digest Bull. Ser. 1: 28-29.
Je. 1924 (Rec'd D.)

Krout, W.S.

Spraying and dusting for the control of apple scab in Massachusetts. Crop Protection Digest.

Bull. Ser. 1: 30-36. Je. 1924 (Rec'd D.)



Crop Prot. Digest. Bull. Ser. (cont.)

Farrott, F.J.

Experiments with dust and spray mixtures in
New York apple orchards. Crop Protection Digest.
Bull. Ser. 1: 14-18. Je. 1924 (Rec'd D.)

Walton, R. C.

Dusting and spraying for disease control in
Pennsylvania, 1922. Crop Protection Digest.
Bull. Ser. 1: 19-28. Je. 1924 (Rec'd D.) no.4.

Deut. Landw. Presse.

Gleisberg, W.

Neuere Gesichtspunkte der Saatgutstimulierung.
Deut. Landw. Presse. 51: 550-551. N. 29, 1924.
no. 48.

Facts about Sugar.

Cook, M.T.

The search for the cause of mosaic. Early history
of the disease - The various theories advanced to
explain its origin. Facts about Sugar. 19: 570-
571. D.13, 1924. no.24.

Florida Grow.

Matlack, M.B.

Odd uses of citrus fruits. Florida Grow.
v.30, no.24. p.7. D.13, 1924.
Medicinal and other uses.

Garden.

Jolliffe, R. C.

Veronicas. Garden. 38: 817-818. illus. D.6,
1924. no.2768.

Leray, C.

A new hydrangea. Garden. 38: 820-821.
illus. D.6, 1924. no.2768.

Hydrangea domotoi, claimed to be a double form of
H. otalpa.

Gard. Mag. & Home Builder.

Farrington, E.I.

Leopard's-bane for the spring garden. Gard.
Mag. & Home Builder. 40: 319. illus. Ja. 1925.
no.5.

Doronicum.

Gard. Chron.

Mr. Joseph Henry Maiden. Gard. Chron. III,
76: 400. port. D.13, 1924. no.1981.

On his retirement from the charge of the Botanic
gardens, Sydney.

Friend, H.

Garden-craft in the Canticles X. The arbour and
pergola. Gard. Chron. III, 76: 406-407. D.13,
1924. no.1981.

Gard. Chron. (cont.)

Osborn, A.

The willows. Gard. Chron. III, 76: 390.
illus. D.6, 1924. no.1980.

R.Irwin Lynch. Gard. Chron. III, 76: 414.
D.13, 1924. no.1981.

Notice of death, Dec. 7, 1924.

Gard.Bull. Straits Settlem.

Burkill, I.H.

A Chinese belief regarding *Phyllocactus hookeri*
Walp. Gard.Bull. Straits Settlem. 3: 280.
N. 1924. no.7/8.

Identified with the "Kheng-fa" of the Chinese
classics.

Burkill, I.H.

Cleome chelidonii Linn. f. in the Malay Penin-
sula. Gard. Bull. Straits Settlem. 3: 280-281.
N. 1924. no.7/8.

Burkill, I.H. & Holttum, R.E.

Dioscorea piscatorum or *tuba-ubi*, a fish-poison.
Gard. Bull. Straits Settlem. 3: 260. N.1924.
no. 7/8.

Burkill, I.H.

The floras of the Malay Peninsula, Borneo and
the Philippine Islands. Gard.Bull. Straits
Settlem. 3: 283-289. N. 1924. no.7/8.

Burkill, I.H.

Orchid notes. Gard. Bull. Straits Settlem. 3:
292-296. illus. N. 1924. no.7/8.
Oberonia fungum-qlens, n.sp.

Burkill, I.H.

Stenomeris in the Malay Peninsula. Gard. Bull.
Straits Settlem. 3: 289-290. pl. N.1924.
no.7/8.

S.borneensis?

Burkill, I.H.

Two hybrid tress of *Hevea brasiliensis* x *H.confusa*.
Gard. Bull. Straits Settlem. 3: 257-258.
N. 1924. no.7/8.

Burkill, I.H.

Varieties of *Dioscorea pentaphylla* in Malaysia.
Gard. Bull. Straits Settlem. 3: 258-259. pl. N.
1924. no.7/8.

Furtado, C.X.

Branched coconut palms and their fertility.
Gard. Bull. Straits Settlem. 3: 274-279. N.1924.
no.7/8.

Bibliography: p.278-279.

Furtado, C.X.

A study of the coconut flower and its relation to
fruit production. Gard. Bull. Straits Settlem.
3: 261-274. N. 1924. no.7/8.

Literature quoted: p.273-274.

Gard. Bull. Straits Settle. (cont.)

Henderson, M.R.

A note on *Semecarpus curtisii*, King. Gard. Bull. Straits Settle. 3: 290-291. N. 1924. no. 7/8.

S. curtisii, var. *brevipetiolata*, n.v.

Holttum, R.E.

Mosquito larvae in the pitchers of *Nepenthes*. Gard. Bull. Straits Settle. 3: 283. N. 1924. no. 7/8.

Holttum, R.E.

New records of species of *Lycopodium* from the Malay Peninsula. Gard. Bull. Straits Settle. 3: 291. No. 1924. no. 7/8.

Holttum, R.E.

Observations on the expansion of *Dictyophora industata* Desv. Gard. Bull. Straits Settle. 3: 281-283. N. 1924. no. 7/8.

Holttum, R.E.

The vegetation of Gunong Belumut in Johore. Gard. Bull. Straits Settle. 3: 245-257. iii pl. N. 1924, no. 7/8.

Hawaiian Plant. Rec.

Kuntz, P.R.

Comparative study of the cane varieties, Kavangire, Zwinga, and Cayanna no. 10. Hawaiian Plant. Rec. 28: 523-528. O. 1924. no. 4.

Lee, H.A.

Present needs in cane disease control. Hawaiian Plant. Rec. 28: 502-507. illus. O. 1924. no. 4.

Lee, H.A.

Sugar cane diseases. Hawaiian Plant. Rec. 28: 439-442. O. 1924. no. 4.

Lyon, H.L.

The athel in Hawaii. Hawaiian Plant. Rec. 28: 508-510. illus. O. 1924. no. 4.
Tamarix aphylla.

McGeorge, W. T.

Lahaina disease, root-rot or plant failure. Hawaiian Plant Rec. 28: 468-472. O. 1924. no. 4.

Osborn, H.T.

A preliminary study of the pamakani plant (*Eupatorium glandulosum* H.B.K.) in Mexico with reference to its control in Hawaii. Hawaiian Plant. Rec. 28: 546-559. O. 1924. no. 4.

Smith, T.

Experiences in obtaining seedlings by bagging and artificial pollination in 1924. Hawaiian Plant. Rec. 28: 532-546. O. 1924. no. 4.

Stender, H.K.

Some sugar cane growth measurements. Hawaiian Plant. Rec. 28: 472-495. illus. O. 1924. no. 4.



Hereditas.

Kajanus, B. & Berg, S.O.
Kreuzungstudien an gerste. Hereditas. 5:
287-296. N.1924. no.3.

Kristofferson, K.B.
Contributions to the genetics of Brassica
oleracea. Hereditas. 5: 297-364. illus.
N. 1924. no.3.

Nielsen, N.
Chromosome numbers in the genus Hypericum.
(A preliminary note). Hereditas. 5: 378-382.
illus. N. 1924. no.3.

Romell, Lars-Gunnar, & Ostlind, J.
Sur la calculation de L'erreur moyenne de la
moyenne dans certaines séries de variation.
Hereditas. 5: 365-377. N. 1924. no.3.

Winge, O.
Zytologische untersuchungen über speltoide und
andere mutanten-ähnliche aberranten beim weizen.
Hereditas. 5: 241-286. illus. N. 1924. no.3.

Jardinage.

Heim, R.
Les champignons à sclérotés et leurs méfaits
(suite) Jardinage. 11: 105-106. illus. D.1924.
no.88.

Journ. Amer. Pharm. Assoc.

Howell, E.V.
Cinara, Carduus and Scolymus of the ancients.
Journ. Amer. Pharm. Assoc. 13: 1120-1124. D.1924.
no.12.
References: p.1124.
Thinks that the artichoke is the Scolymus of
Dioscorides.

Journ. Dept. Agr. So. Africa.

Baker, E.
The effect of formalin on the vitality of seed
wheat. Journ. Dept. Agr. So. Africa. 9: 454-
457. illus. N. 1924. no.5.

Verdoorn, I.C.

Economic plants of South Africa. Notes from
the National herbarium and museum. III. "Melasma",
a root parasite on pea-nuts. Journ. Dept. Agr.
So.Africa. 9: 448-450. illus. N. 1924. no.5

Journ. Min. Agr. Gt. Brit.

Pethybridge, G. H.
Potato leaf-roll. Journ. Min. Agr. Gt.
Brit. 31: 863-869. pl. D.1924. no.9.

Landw. Versuchsst.

Rakusin, M.A. & Starobina, A.
Ueber die fetten öle der fruchte der wichtig-
sten umbelliferen. Landw. Versuchsst. 103:
103-118. illus. O.1924. no.1-2.



Louisiana Plant.

Cross, W.E.

Canes that resist mosaic disease in Tucuman.

Louisiana Plant. 73: 468-469. D.13, 1924.
no.24.

Pritchett, G.H.

Insect pests and cane diseases. Louisiana

Plant. 73: 470-472. D.13, 1924. no.24.

Ramos, R.M.

Studies about the sugar cane mosaic. Louisiana

Plant. 73: 488-489. illus. D.20, 1924. no.25.

Literature cited: p.489.

Transl. of His Estudios sobre el mosaico de la
caña. publ. in Rev. Agr. Puerto Rico Oct. 1924.

Misc. Publ. Gt. Brit. Min. Agr.

Gt. Britain Ministry of agriculture and fisheries.

Report on the occurrence of fungus, bacterial,
and allied diseases on crops in England and Wales for
the years 1920-1921. Its Misc. Publ. 38. 104 p.
1922.

Mitt. Deut. Landw. Ges.

Remy,

Der kartoffelbau und die bedeutung des saatwech-
sels. Mitt. Deut. Landw. Ges. 39: 842-848.
N.29, 1924. no.48.

Nat. Belge.

Broeck, E. van den.

Glamures dans le domaine fleuri des orchidées
rustiques. I- Nat. Belg. 3: 178-185.
D.1924. no.12.

I. Les disparitions et réapparitions régionales
des orchidées indigènes.

Naturwissensch. Korrespond.

Bernau, K.

Die strauchkirsche (*Prunus fruticosa* Pallas)
als reliket der steppenzeit in Deutschland.

Naturwissensch. Korrespond. 11: 187-188. N. 1924.
no.11/12.

Naturwissenschaften.

Correns, C.

Gottlieb Haberlandt zum siebzigsten geburtstage
am 28. November 1924. Naturwissenschaften. 12:
1087-1091. port. N.28, 1924. no.48.

New Jersey Agr.

Haensler, C.M.

Plant diseases of New Jersey (cont.) New Jer-
sey Agr. v.6, no.12. p.14-16. illus. D.1924.

Poole, R.F.

Soil moisture and pox disease. Studies disclose
interesting facts. New Jersey Agr. v.6, no.12.
p.16. illus. D.1924.

Parfums France.

L'iris en Italie (The iris in Italy) (cont.)
Parfums France. 1924, p.309-312. illus.
N.1924. no.21.



Pharm. Weekbl.

Boorsma, W.G.

Iets over geneeskruiden in Nederlandsch-Indië.
Pharm. Weekbl. 61: 1405-1415. D.6, 1924. no.49.

Vijsel, Adr.v.d.

Uit de praktijk van het geneeskruiden kweken
Pharm. Weekbl. 61: 1415-1424. D.6, 1924. no.49.

Rep. Dept. Agr. Govt. Res. Inst. Formosa, Japan.

Sawada, K.

Descriptive catalogue of the Formosan fungi. pt. II.
Rep. Dept. Agr. Gov't Res. Inst. Formosa. no.2. 173, 7
pl. D.1922 (Rec'd D.1924)

Not incl. in main paging are the indices as fol-
lows: General index (non-Japanese): 7 p.; Host index:
6 p.; Japanese index: 9 p.

Pt. I appeared as Spec. Bull. no. 19 Agr. Exp. Stat.
Formosa.

Rev. Agr. Puerto Rico.

Dewey, L.H.

La produccion de fibras vegetales en Puerto Rico.
Rev. Agr. Puerto Rico. 13: 309-317. illus. N.
1924. no.5.

Toro, R.A.

Una lista de los pirenomicetos coleccionados en
Puerto Rico por F.J. Seaver y C.E. Chardon. Rev. Agr.
Puerto Rico. 13: 319-322. N.1924. no.5.

Rev. Path. Veg. & Entom. Agr.

Arnaud, G. & Arnaud, Mme. G.

Notes de pathologie végétale. III. Rev. Path.
Vég. 11: 178-182. J1./S.1924. no.3.

Parasites observed in "Nord-Est du Gard"
Ascochyta hydrangeae, n. sp.

Ducomet, V.

Dégénérescence de la pomme de terre et degré de
maturité du tubercule semence. Rev. Path. Vég.
11: 183-188. J1./S.1924. no.3.

Foëx, E.

Quelques observations sur le développement des
rouilles des céréales dans le Sud-Ouest et le Sud-
Est. Rev. Path. Vég. 11: 205-211. J1./S.
1924. no.3.

Foëx, E., Gaudineau, Mlle. M. & Guyot, M.

Les rouilles des céréales en 1923 et 1924 dans
la région parisienne. Rev. Path. Vég. 11: 196-
204. J1./S.1924. no. 3.

Magrou, J.

L'immunité humorale chez les plantes. Rev.
Path. Vég. 11: 189-192. J1./S.1924. no.3.

Rhodora.

Edward Lothrop Rand. Rhodora. 26: 198-199.
O. 1924. no.310.

Obituary notice.

Rhodora (cont.)

Babcock, E.B.

On citing Richardson's botanical appendix to
Franklin's first journey. Rhodora. 26: 199-200.
O.1924 (Rec'd D.) no.310.

Fernald, M.L.

Myriophyllum magdalenense; a correction.
Rhodora. 26: 198. O.1924 (Rec'd Dec.) no.310.

Hunnewell, F.W.

Holosteum umbellatum in Connecticut. Rhodora.
26: 199. O.1924. (Rec'd Dec.) no.310.

Lewis, I.F.

The flora of Penikese, fifty years after.
Rhodora. 26: 181-195. illus., pl.146. O.1924(Rec'd
Dec.) no.310.
Diatoms by Paul S. Conger.

Linder, D.H.

A new species of Rhizopogon from New Hampshire.
Rhodora. 26: 195-197. pl. 148. O.1924 (Rec'd
Dec.) no.310.
R. truncatus.

Morse, A.P.

Lepidium latifolium in New England. Rhodora.
26: 197-198. O.1924. (Rec'd D.) no.310.

Science.

Dr. Ezra Brainerd. Science. 60: 564. D.19,
1924.
Notice of death.

Jeffrey, E.C.

The present status of the biogenetic law.
Science. 60: 531-536. D.12,1924. no.1563.

Mann, M.C.

A method of making permanent smears of pollen
mother cells. Science. 60: 548. D.12,1924.
no.1563.

Professor Spencer Ambrose Beach. Science. 60:
546. D.12,1924. no.1563.
Notice of Death.

So. African Gard.

Some trees of Matabeleland. So. African Gard.
14: 415-417. illus. N. 1924. no.11.

So. Flor.

Bailey, L.H.
Development of American floriculture. So.Flor.
v.18,no.12. pl. 11-14. D.12,1924.

So.Lumberm.

Korstian, C.F.
The tragedy of chestnut. South. Lumberman.
117(1525): 180-183. illus. D.20,1924.

Sugar News.

Wester, P.J.

Silani: a new cover and forage crop from the Philippines (Silani: una nueva cosecha de rotación y forraje de las Filipinas.) Sugar News.

5: 617-622. illus. N. 1924.

Vigna marina.

. In both English and Spanish.

Thar. Forstl. Jahrb.

Gross,

Professor Richard Beck. Thar. Forstl.

Jahrb. 75: 241-246. port. 1924. no.6.

Die Umschau.

Steinecke, Fr.

Der stammbaum des pflanzenreichs. Die Umschau. 28: 925-929. illus. N.29,1924. no.48.

Weber, F.

Krebs. Die Umschau. 28: 910-014. illus. N.22,1924. no.47.

U.S. Dept. Agr. Bull.

Rands, R.D.

South American leaf disease of Para rubber.

U.S. Dept. Agr. Bull. 1286. 18 p. v pl. D.1924.

Literature cited: p.17-18.

Vict. Nat.

MacGillivray, W.

An excursion in south-west Queensland (concl.)

Vict. Nat. 41: 126-140. pl.v. N.1924. no.7.

Zeitschr. Bot.

Mevius, W.

Wasserstoffionenkonzentration und permeabilität bei (kalkfeindlichen" gewächsen. Zeitschr.

Bot. 16: 641-677. 1924. no.11.

Zeitschr. Sukkulent.

Söhrens, J.

Cereus candelaris Meyen. Zeitschr.

Sukkulent. no.15. p.193-197. illus., pl.

N. 1924.

Exper. Stat. Publ.

Reed, H.S. & Haas, A.R.C.

Nutrient and toxic effects of certain ions on citrus and walnut trees with special reference to the concentration and Ph of the medium. California

Agr. Exp. Stat. Techn. Paper. no.17. 75 p. illus., col.plates. O.1924.

Sherbakoff, C.D.

Plant pathology. Ann. Rep. Tenn. Agr. Exp. Stat. 36(1923): 27. 1924.

Wheat deterioration, Fusaria causing wilt of economic plants, Crown gall control in fruit-tree nurseries.



State Publications.

- Potts, A.T. & Swallow, A.P.
Citrus culture in the lower Rio Grande valley
of Texas. Texas Agr. & Mech. Coll. Ext. Serv.
Bull. 66. 69 p. illus. Jo. 1924.
Diseases: p.51-58.

New Books.

- Ames, O.
Schedulae orchidianae. no.6-7. 1923-24.
6. New or noteworthy orchids. 7. Additions to
the orchid flora of tropical America.
- Bonnier, G.
Flore complète illustrée en couleurs de France...
Suisse et Belgique. Fasc. 69-70. col.pl. 409-420.
1924.
- Erith, A.G.
White clover (*Trifolium repens* L.) a monograph.
London, Duckworth & Co., 1924.
- Fraser, S.
American fruits. New York, Orange Judd, 1924.
Diseases treated under each fruit.
- Henry, Y.
Plantes a fibres. Paris, 1924.
- Lagarde, J.
Discomycetes de France. I. Les morilles. Paris,
1923.
- Marret, L.
Les fleurs des montagnes. Paris, Lecheva-
lier, 1924 (Encyclopédie pratique du naturaliste XIX)
- Owens, C. E.
Principles of plant pathology. A text and laboratory
manual. Ann Arbor, Mich., Edwards Bros., 1924.
2 v.
Mimeographed.
- Roberts, E. A. & Shaw, M.F.
The ecology of plants native to Dutchess County,
New York. [n.p.] Garden Club of America. [n.d.]
Caption title: Native plants of Dutchess County.
- Sartory, A. & Maire, L.
Synopsis du genre *Chitonina* Fr. Strasbourg,
1923. 8 p. 2 pl.
- Stomps, T.J.
Erblichkeit und chromosomen ... aus dem hol-
ländischen ins Deutsche übersetzt von Dr. Paul von
Dall'Armi. Jena, G.Fischer, 1923.

