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L. A. Wenzel

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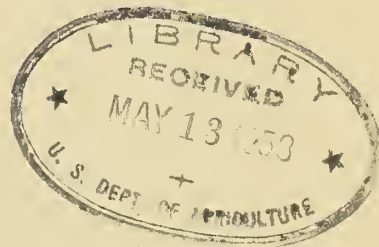
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Bee Culture,

Number 21

BIBLIOGRAPHICAL CONTRIBUTIONS

May, 1930



LIST OF PUBLICATIONS ON APICULTURE

contained in the
U. S. Department of Agriculture Library
and in part those contained in the
Library of Congress

Compiled by

Vajen E. Hitz, Cataloguer, Main Library
and
Ina L. Hawes, Assistant Librarian, Bureau of Entomology

Washington, D. C.

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PREFACE

The following list of apicultural publications contained in the U. S. Department of Agriculture Library and the Library of Congress was compiled at the request of Mr. J. I. Hambleton, in charge of the Division of Bee Culture Investigations of the Bureau of Entomology, its purpose being to facilitate the use of the collections and to aid in obtaining exchanges and in building up the collections. An asterisk preceding a title indicates that it is in the Library of Congress and not in the U. S. Department of Agriculture Library. In the case of the Library of Congress items, only books for which printed cards were available have been included.

The bulk of the collection belonging to the U. S. Department of Agriculture is deposited in the Division of Bee Culture Investigations Library, in charge of Miss Ethel L. Conn, Librarian, who rendered much assistance to the compilers in the preparation of this catalogue. The collection is administered as a branch of the Bureau of Entomology Library and is located at the headquarters of the Division, Somerset, Maryland.

The lists of books, reprints and separates, state publications, laws, and periodicals were prepared in 1929 by Miss Vajen E. Hitz, who was at that time connected with the main Library but who is now an assistant in the Bureau of Agricultural Economics Library. The list of Department publications was prepared by Miss Ina L. Hawes, Assistant Librarian of the Bureau of Entomology.

In connection with the list of periodicals, it should be explained that the entries for the most part include only numbers received up to December, 1928. With few exceptions, however, all periodicals which are noted as having been received in 1928 are also being received currently.

The work in connection with the compilation of the list was completed in the summer of 1929 but the work in connection with the copying and mimeographing has been unavoidably delayed. With few exceptions the list contains ~~no~~ items received by the Library subsequent to July, 1929.

Claribel R. Barnett,

May, 1930.

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describes the general situation
of the country and the
state of the economy.
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the government is facing.

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the government has taken
to solve these problems.
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of the government.
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main objectives that
the government is aiming
to achieve.

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private sector in the
economy. It also mentions
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taken to attract
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system.

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describes the role of the
environment in the
economy. It also mentions
the measures that the
government has taken
to support the environment.

I BOOKS

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Alfonsus, Alois. Allgemeines lehrbuch der bienenzucht. Unter mitwirkung der herren Ludwig Arnhart, dr. Paul A. ritter Beck von Mannagetta, Friedrich Kohl und dr. M. Mansfeld, verfasst und hrsg. von Alois Alfonsus. Wien, M. Perles, 1905. 659 p.

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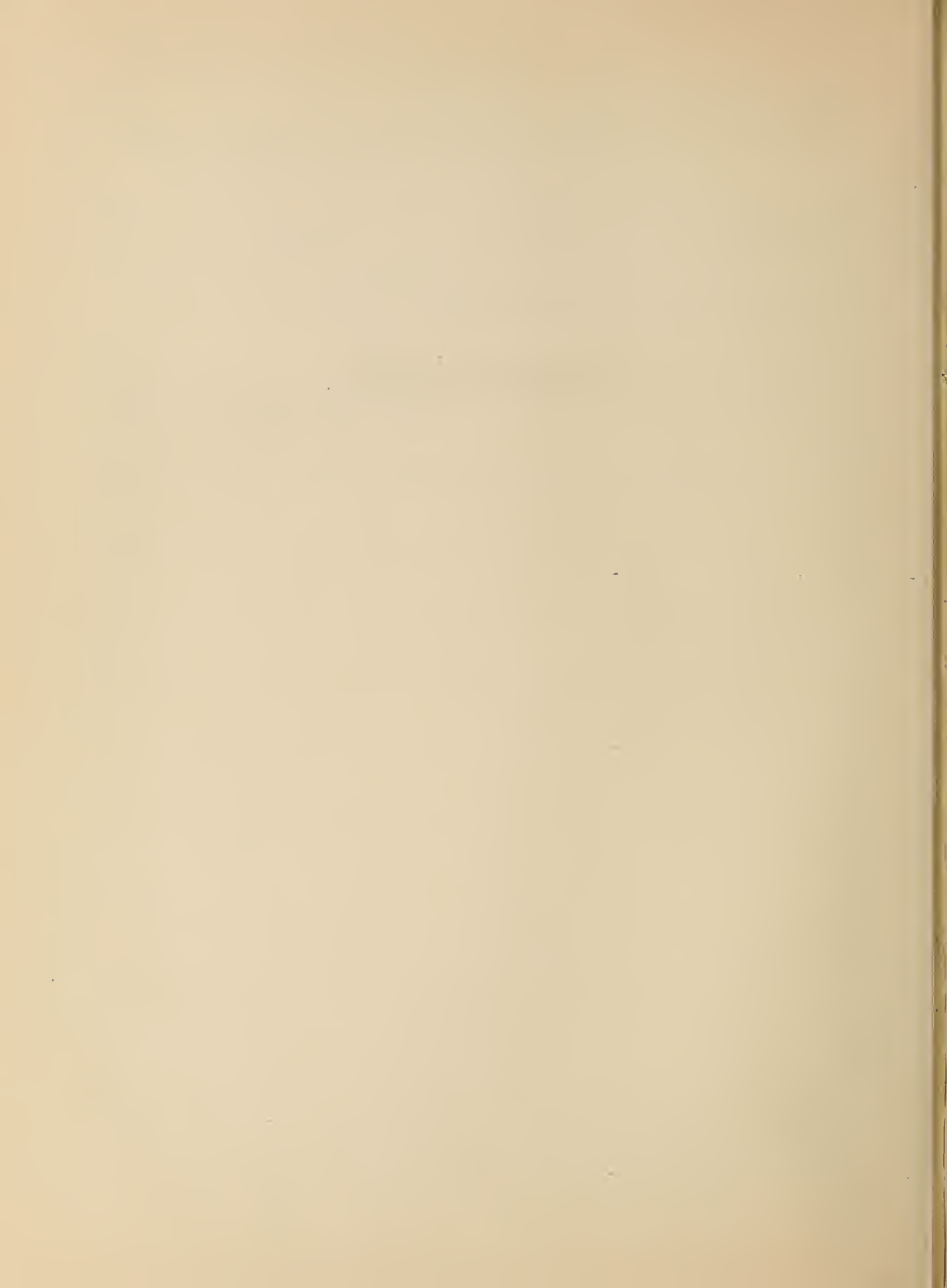
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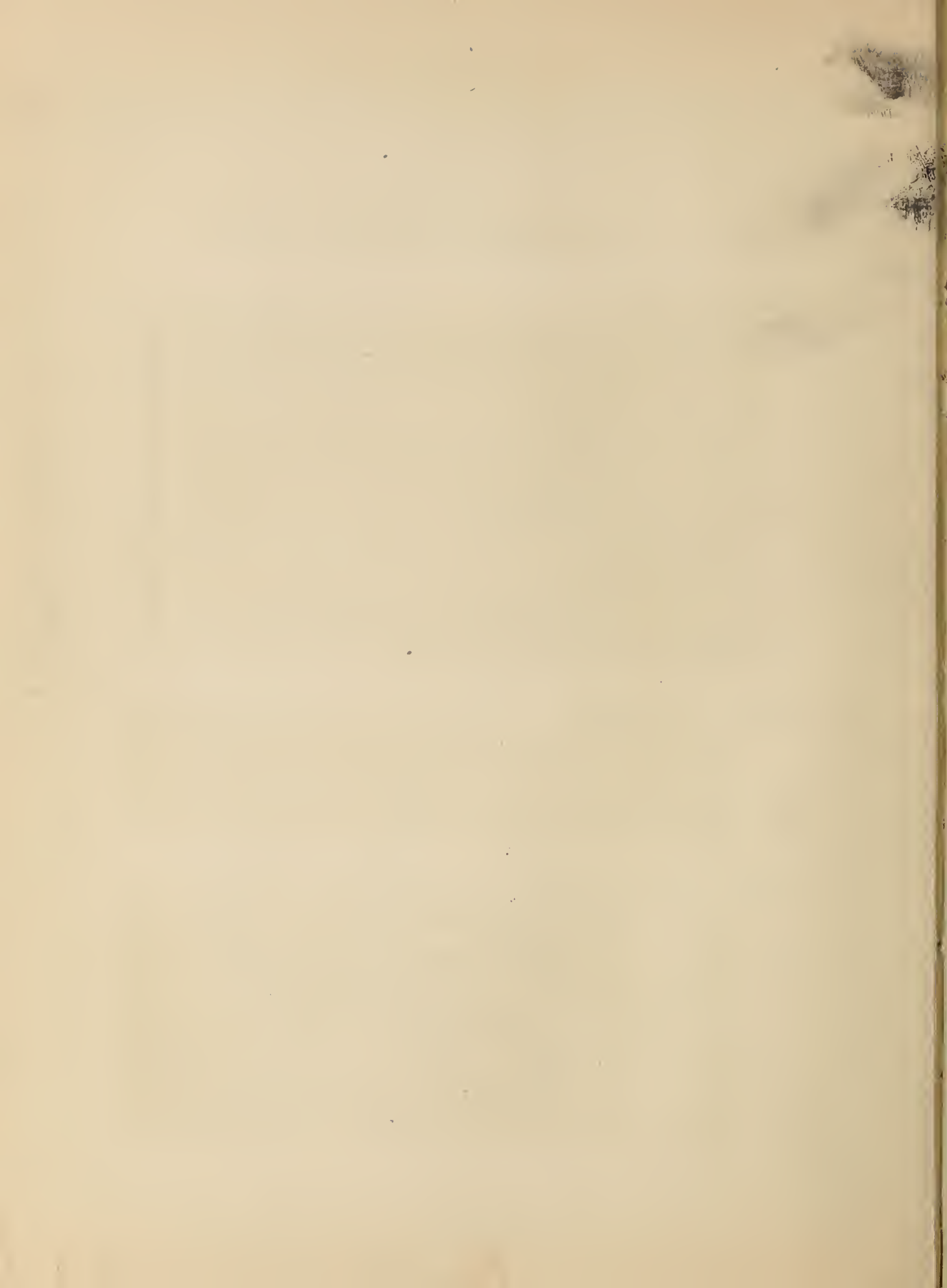
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1911, p. 528-529 Work in bee culture. (In: Report of the Entomologist)
1912, p. 661-654 Work in bee culture. (In: Report of the Entomologist)
1913, p. 221-222 Work in bee culture. (In: Report of the Entomologist)
1914, p. 197-198 Work in bee culture. (In: Report of the Entomologist)
1915, p. 230-231 Work in bee culture. (In: Report of the Entomologist)
1916, p. 234-236 Bee-culture investigations. (In: Report of the Entomol-
ogist)
1917, p. 247-250 Bee-culture investigations. (In: Report of the Entomol-
ogist)
1918, p. 250-253 Bee-culture investigations. (In: Report of the Entomol-
ogist)

Annual Reports (Cont'd)

- 1919, p. 269-272 Bee-culture investigations. (In: Report of the Entomologist)
- 1920, p. 339-342 Bee-culture investigations. (In: Report of the Entomologist)
- 1922, p. 324-330 Bee-culture investigations. (In: Report of the Entomologist)
- 1923, p. 412-416 Bee-culture investigations. (In: Report of the Entomologist)

Reports of the Secretary and Department Chiefs for 1921, 1924-1928 were issued in separate form only. For reports of work on bee culture for these years see under Bureau of Entomology. Annual Reports.

Bulletins

The series was discontinued with number 1500. Continued by United States Department of Agriculture. Technical Bulletins.

Number

- 75 Piper, C. V. et al. Alfalfa seed production: Pollination studies. By C. V. Piper, M. W. Evans, Roland McKee, and W. J. Morse 32 p. illus. 1914. (Professional paper) [Contrib. from Bur. Plant Indus.]
p. 12-13 Bees.
- 92 White, G. F. Destruction of germs in infectious bee diseases by heating. 8 p. 1914.
- 93 Phillips, E. F. and Demath, G. S. The temperature of the honeybee cluster in winter. 16 p. illus. 1914.
- 96 Gates, B. N. The temperature of the bee colony. 29 p. illus. 1914. (Professional paper)
- 123 Barrows, Anna. Extension course in vegetable foods for self-instructed classes in movable schools of agriculture. 78 p. 1916. (Professional paper) [Contrib. from States Relations Serv.]
p. 36 Honey.
- 258 Miller, E. A. Lessons in elementary agriculture for Alabama schools. 36 p. 1915. [Contrib. from Off. Expt. Sta.]
p. 33 Lesson three. Subject: Honeybees.
- 289 Westgate, J. M. et al. Red-clover seed production: Pollination studies By J. M. Westgate, H. S. Coe, A. T. Wiancko, F. E. Robins, H. D. Hughes, L. H. Pammel and J. N. Martin. 31 p. illus. 1915. (Professional paper) [Contrib. from Bur. Plant Indus.]
p. 18-20 Honeybees as cross-pollinators of red clover.
- 305 Miller, E. A. Exercises with plants and animals for southern rural schools. 63 p. illus. 1915. (Professional paper) [Contrib. from States Relations Serv.]
p. 17 [Bees]

Bulletins

(Cont'd)

- 325 Jones, S. A. Honey bees: Wintering, yields, imports and exports. 12 p. 1915. [Contrib. from Bur. Crop Estimates]
- 431 White, G. F. Sacbrood. 55 p. illus. 1917. (Professional paper)
- 489 Carr, E. G. A survey of beekeeping in North Carolina. 16 p. 1916.
- 521 Barrows, H. P. Courses in secondary agriculture for southern schools. (First and second years.) 53 p. 1917. (Professional paper) [Contrib. from States Relations Serv.] p. 49-50 Bees and honey.
- 542 Popenoe, Wilson. The pollination of the mango. 20 p. illus. 1917. (Professional paper) [Contrib. from Bur. Plant Indus.] p. 6 *Apis mellifera*.
- 671 McCray, A. H. and White, G. F. The diagnosis of bee diseases by laboratory methods. 15 p. illus. 1918. (Professional paper)
- 685 Jones, S. A. Honeybees and honey production in the United States. 61 p. illus. 1918. [Contrib. from Bur. Crop Estimates]
- 780 White, G. F. Nosema disease. 59 p. illus. 1919. (Professional paper)
- 804 Startevant, A. P. A study of the behavior of bees in colonies affected by European foul-brood. 28 p. illus. 1920. (Professional paper)
- 809 White, G. F. American foul brood. 46 p. illus. 1920. (Professional paper)
- 810 White, G. F. European foulbrood. 39 p. illus. 1920. (Professional paper)
- 879 Doolittle, S. P. The mosaic disease of cucurbits. 69 p. illus. 1920. (Professional paper) [Contrib. from Bur. Plant Indus.] p. 46-47 Transmission by bees.
- 891 Chittenden, F. H. The green June beetle [*Cotinis nitida* L.] 52 p. illus. 1922. (Professional paper) p. 17 Beetles entering bee-hives.
- 965 Woglum, R. S. and Borden, L. D. Control of the Argentine ant [*Iridomyrmex humilis* Mayr] in California citrus orchards. 43 p. illus. 1921. p. 4 [Beekeeping vs. Argentine ant]
- 975 Winslow, E. A. Food values: How foods meet body needs. 37 p. illus. 1921. [Contrib. from States Relations Serv.] p. 31, chart 40 One pound of honey.
- 988 Milner, R. D. and Demuth, G. S. Heat production of honeybees in winter. 18 p. illus. 1921. (Professional paper) [Contrib. from State's Relations Serv.]
- 1007 Brush, W. D. Utilization of basswood. 64 p. illus. 1922. (Professional paper) [Contrib. from Forest Serv.] p. 36-38, fig. 6 [Apiarists'... supplies]
- 1134 Kearney, T. H. Self-fertilization and cross-fertilization in Pima cotton. 68 p. illus. 1923. (Professional paper) [Contrib. from Bur. Plant Indus.] p. 37 [*Apis mellifica* as pollinating agent]

Bulletins

(Cont'd)

- 1147 Cook, F. C. and McIndoo, N. E. Chemical, physical and insecticidal properties of arsenicals. 58 p. illus. 1923. [Contrib. from Bur. Chem. in coop. with Bur. Ent.]
p. 28, 32-39, 44-46, 49, 52 [Effect on honeybees]
- 1149 Griffin, E. L., et al. Absorption and retention of hydrocyanic acid by fumigated food products. By E. L. Griffin, I. E. Neifert, Norman Perrine, and A. B. Duckett. 16 p. illus. 1923. [Contrib. from Bur. Chem., in coop. with Fed. Hort. Bd. and Bur. Ent.]
p. 14 Honey.
- 1222 Nelson, J. A., Sturtevant, A. P., and Lineburg, Bruce. Growth and feeding of the honeybee larvae. 38 p. illus. 1924.
Part I. Nelson, J. A. and Sturtevant, A. P. The rate of growth of the honeybee larvae.
Part II. Lineburg, Bruce. The feeding of the honeybee larvae.
- 1324 Richardson, C. H. The oviposition response of insects. 18 p. 1925.
p. 3 Wax moth [Galleria mellonella L.]
p. 5 [Beeswax used in light response tests]
- 1328 Lundie, A. E. The flight activities of the honey bee. 38 p. illus. 1925.
- 1339 Hambleton, J. I. The effect of weather upon the change in weight of a colony of bees during the honey flow. 52 p. illus. 1925.
- 1349 Nolan, W. J. The brood-rearing cycle of the honeybee. 56 p. illus. 1925.
- 1364 McIndoo, N. E. and Demuth, G. S. Effects on honeybees of spraying fruit trees with arsenicals. 32 p. illus. 1926.
- 1475 Jamieson, G. S. Production and utilization of fats, fatty oils, and waxes in the United States. 36 p. illus. 1927. [Contrib. from Bur. Chem.] Revision of and supersedes no. 769.
p. 31 Beeswax.

Circulars

Preceded by Department Circulars, q. v.

Number

- 88 Tenny, L. S. National standards for farm products. 52 p. illus. 1927. [Contrib. from Bur. Agr. econ.]
p. 23-24 Honey.
- 24 Sechrist, E. L. and Samson, H. W. United States grades, color standards, and packing requirements for honey. 32 p. illus. (Supplementary chart) 1927. [Contrib. from Bur. Ent. in coop. with Bur. Agr. Econ.]

Department Circulars

Continued by Circulars, q. v.

Number

- 150 Statistical data compiled and published by the Bureau of Crop Estimates 1863-1920. 64 p. 1921. [Contrib. from Bur. Crop Estimates]
p. 19. Bees.
p. 36. Honey.
- 218 Phillips, E. F. The occurrence of diseases of adult bees. 16 p. illus. 1922.
- 222 Phillips, E. F. The insulating value of commercial double-walled beehives. 10 p. 1922.
- 233 Perkins, F. W. Motion pictures of the U. S. Department of Agriculture. 13 p. 1922. [Contrib. from Div. Pubs.]
p. 11. Bees.
- 284 Sturtevant, A. P. The sterilization of American foulbrood combs. 29 p. illus. 1926.
- 287 Phillips, E. F. The occurrence of diseases of adult bees, II. 34 p. 1923.
- 334 Phillips, E. F. The bee-louse, *Braula coeca* [Nitsch.] in the United States. 12 p. 1925.
- 364 Sechrist, L. L. The color grading of honey. 8 p. 1925. [Contrib. from Bur. Ent. in coop. with Bur. Agr. Econ.] Superseded by Department Circular no. 410.
- 410 United States standards for honey recommended by the United States Department of Agriculture. 32 p. illus. 1927. [Contrib. from Bur. Ent. in coop. with Bur. Agr. Econ.] Superseded by Circular no. 24.

[Department] Reports

- [39] Directory of departments, boards, societies, colleges and other organizations in the interest of agriculture, horticulture, stock raising, dairying, beekeeping, fish culture and kindred industries. 88 p. 1885.

Farmers' Bulletins

Number

- 54 Beal, F. E. L. Some common birds in their relation to agriculture. 40 p. illus. 1897. [Contrib. from Bur. Biol. Surv.] Rev. 1898, 40 p.; 1904, 48 p.
p. 12, 1898 [Kingbird vs. honeybee]
p. 14-15, 1904 [Kingbird vs. honeybee]

Farmers Bulletins

Cont'd

- 59 Benton, Frank. Beekeeping. 32 p. illus. 1897. Rev. 1905, 48 p.
For translation in Spanish see p. 7.
- 62 Hill, G. G. Marketing farm produce. 28 p. illus. 1897. [Contrib. from Div. Pubs.]
p. 27 Honey.
- 93 Abel, M. H. Sugar as food. 27 p. 1899. [Contrib. from Off. Expt. Sta.] Rev. as F. B. 535.
p. 9 [Honey]
- 99 Howard, L. O. Three insect enemies of shade trees. 30 p. illus. 1899.
p. 25 [Shade trees as honey producers]
- 133 Experiment Station Work, XVIII. 32 p. illus. 1901. [Contrib. from Off. Expt. Sta.]
p. 23-25 Foundation in comb building.
- 276 Experiment Station Work, XXXIX, 32 p. 1907. [Contrib. from Off. Expt. Sta.] p. 28-29 Honey vinegar.
- 334 Experiment Station Work, XLVIII. 32 p. illus. 1908. [Contrib. from Off. Expt. Sta.]
p. 29-30 Extraction of beeswax.
- 339 Westgate, J. M. Alfalfa. 48 p. illus. 1908. [Contrib. from Bur. Plant Indus.] Supersedes F. B. 215; Superseded by F. B. 1283.
p. 31 Alfalfa for bees.
- 397 Phillips, E. F. Bees. 44 p. illus. 1910.
- 442 Phillips, E. F. The treatment of bee diseases. 22 p. illus. 1911.
- 447 Phillips, E. F. Bees. 48 p. illus. 1911. Supersedes F. B. 59 and 397. Rev. reprint, 1919, 45 p.; Rev. 1924, 38 p.
- 485 Westgate, J. M. and Vinell, H. N. Sweet clover. 39 p. illus. 1912. [Contrib. from Bur. Plant Indus.]
p. 21 [Sweet clover as a honey plant]
- 495 Westgate, J. M., McKee, Roland, and Evans, M. W. Alfalfa seed production. 36 p. illus. 1912. [Contrib. from Bur. Plant Indus.]
p. 9 Influence of honey-gathering insects.
- 503 Demuth, G. S. Comb honey. 47 p. illus. 1912.
- 529 Smith, A. G. Vetch growing in the South Atlantic States. 21 p. illus. [Contrib. from Off. Farm Management]
p. 16 Vetch honey.
- 535 Abel, M. H. Sugar and its value as food. 32 p. 1913. [Contrib. from Off. Expt. Sta.] Supersedes F. B. 93.
p. 10 Honey.
- 587 Lantz, D. E. Economic value of North American skunks. 22 p. illus. 1914. [Contrib. from Bur. Biol. Surv.] Rev. 1917, 24 p.; 1923, 24 p.
p. 9, 1914 [Skunks and bees]
p. 11, 1917 and 1923, [Skunks and bees]

Farmers' Bulletins
(Cont'd)

- 598 The agricultural outlook: 21 p. 1914. [Contrib. from Bur. Statistics].
p. 8-9 Honey bees.
- 620 The agricultural outlook. 39 p. illus. 1914. [Contrib. from Bur. Crop Estimates] Rev. 1918, 30 p.; 1923, 30 p.; 1926, 28 p.
p. 6-7, table 8, Honey production.
- 653 Hunt, C. L. and Atwater, H. W. Honey and its uses in the home. 26 p. illus. 1915. [Contrib. from Off. Expt. Sta.] Rev. 1922, 26 p.; Reprint with changes, 1926, 22 p.
- 695 Phillips, E. F. Outdoor wintering of bees. 12 p. 1915.
- 820 Coe, H. S. Sweet clover: Utilization. 32 p. illus. 1917. [Contrib. from Bur. Plant Indus.]
p. 32 Sweet clover as a honey plant.
- 961 Sechrist, E. L. Transferring bees to modern hives. 15 p. illus. 1918.
- 967 McKee, Roland. Purple vetch. 12 p. illus. 1918. [Contrib. from Bur. Plant Indus.]
p. 11-12 Insects in relation to pollination [including honey-bees]
- 975 Phillips, E. F. The control of European foulbrood. 16 p. illus. 1918.
- 1012 Phillips, E. F. and Demuth, G. S. The preparation of bees for outdoor wintering. 24 p. illus. 1918.
- 1014 Phillips, E. F. and Demuth, G. S. Wintering bees in cellars. 24 p. illus. 1918.
- 1039 Demuth, G. S. Commercial comb-honey production. 40 p. illus. 1919. Supersedes F. B. 503.
- 1062 Leighty, C. E. Buckwheat. 24 p. illus. 1919. [Contrib. from Bur. Plant Indus.]
p. 21-22 Buckwheat as a honey plant.
- 1084 Phillips, E. F. Control of American foulbrood. 15 p. illus. 1920.
- 1096 Frost and the prevention of damage by it. 48 p. illus. 1920. [Contrib. from Weather Bur.]
p. 17-18 Bees vs. smudging.
- 1180 MacLeod, S. J. Housecleaning made easier. 31 p. illus. 1921. [Contrib. from Off. Farm Management]
p. 9 [Floor wax formula using beeswax]
- 1198 Demuth, G. S. Swarm control. 47 p. illus. 1921. Reprint with changes 1927, 30 p.
For translation in French see p. 17.
- 1215 Phillips, E. F. and Demuth, G. S. Beekeeping in the clover region. 27 p. illus. 1922. Rev. 1922, 27 p.; Reset, 1924 22 p.
- 1216 Phillips, E. F. and Demuth, G. S. Beekeeping in the buckwheat region. 26 p. illus. 1922.

Farmers' Bulletins

(Cont'd)

- 1219 Floors and floor coverings. 36 p. 1921. [Contrib. from States Relations Serv.]
p. 12 [Floor wax formulas using beeswax]
- 1220 Quaintance, A. L. and Shear, C. L. Insect and fungus enemies of the grape. 75 p. illus. 1921. [Contrib. from Bur. Ent. in coop. with Bur. Plant Indus.] Rev. 1926, 54 p.
p. 13 Bees.
- 1222 Phillips, E. F. and Demuth, G. S. Beekeeping in the tulip-tree region. 25 p. illus. 1922.
- 1369 Yerkes, G. E. Bridge grafting. 20 p. illus. 1923. [Contrib. from Bur. Plant Indus.] Rev. of and supersedes F. B. 710. Rev. June 1924, 20 p.; Rev. 1927, 14 p.
p. 15-18, 1923 [Beeswax in grafting wax formulas]
p. 13, 1927 [Beeswax in grafting wax formulas]
- 1400 Darrow, F. M., Franklin, H. J., and Malde, O. G. Establishing cranberry fields. 38 p. illus. 1924. [Contrib. from Bur. Plant Indus.]
p. 9-10 [Bees and cranberry pollination]
- 1424 LeFevre, Edwin. Making vinegar in the home and on the farm. 29 p. illus. 1924. [Contrib. from Bur. Chem.]
p. 4 Honey [vinegar.]
- 1551 Flohr, L. B. Marketing farm produce by parcel post. 54 p. illus. 1926. [Contrib. from Bur. Agr. Econ.]
p. 53 Honey.
- 1563 Beattie, W. R. Cucumber growing. 22 p. illus. 1928. [Contrib. from Bur. Plant Indus.] Supersedes F. B. 254.
p. 12, [Bees and pollination].

Journal of Agricultural Research

The Journal of Agricultural Research was established in October 1913. It is a semi-monthly publication containing articles on technical agricultural research carried on by the United States Department of Agriculture and the state experiment stations. Each article in the Journal is reprinted as a "separate". Each separate bears a symbol to indicate the bureau or station from which it originated: that is, "K - 1" represents separate number one from the United States Department of Agriculture. Bureau of Entomology.

- v. 8, no. 11 McCray, A. H. Spore-forming bacteria of the apiary.
p. 399-420 illus. 1917. (K-51)
- v. 24, no. 4 Pirsch, G. B. Studies on the temperature of individual
p. 275-287 insects, with special reference to the honey bee.
(*Apis mellifica* L.) illus. 1923. (Minn.-45)
- v. 28, no. 2 Sturtevant, A. P. The development of American foulbrood
p. 129-168 in relation to the metabolism of its causative organ-
ism. illus. 1924. (K-128)
- v. 28, no. 12 Nelson, J. A. Morphology of the honeybee larva.
p. 1167-1213 [*Apis mellifica* L.] illus. 1924 (K-141)
- v. 35, no. 5 Phillips, E. F. The utilization of carbohydrates (N.Y.
p. 385-428 by honeybees. [*Apis mellifica* L.] 1927. Cornell)-11)
- v. 35, no. 5 Bertholf, L. M. The utilization of carbohydrates as food
p. 429-452 by honeybee larvae. [*Apis mellifica* L.]
1927. (K-194)

Laws and Regulations

Laws and regulations administered by the United States Department of Agriculture governing the importation into the United States of food, drugs, plants, animals, and plant and animal products, etc.
28 p. (mimeographed) December, 1927.
p. 22-23, 28 The importation of adult honey bees into the United States.

Miscellaneous Circulars

Continued by Miscellaneous Publications, q. v.

- Number
- 27 Motion pictures of the United States Department of Agriculture.
32 p. 1924. [Prepared by Off. Motion Pictures. Ext. Serv.]
p. 24 Bees.
- 35 Day, E. L., Jacobs, Katharine, and Olcott, M. T. Bibliography
on the marketing of agricultural products. 56 p. 1925.
[Contrib. from Bur. Agr. Econ.]
p. 44 Honey.
- 80 Directory of field activities of the Bureau of Entomology. 35 p.
map, 1926.
p. 15 [Bee laboratory at] Somerset, Md.
p. 35 [Intermountain bee laboratory at] Laramie, Wyoming.
- 86 Motion pictures of the United States Department of Agriculture.
31 p. 1926. [Prepared by Off. Motion Pictures. Ext. Serv.]
p. 23 Bees.

Miscellaneous Publications

Preceded by Miscellaneous Circulars, q. v.

- 9 Hunt, Mabel. List of publications of the United States Department of Agriculture from January, 1901 to December 1925 inclusive. 182 p. 1927.
p. 97-103 Bureau of Entomology.

Monthly Reports

- 1867, p. 382 Blanchard, G. W. [Report on beekeeping] November and December.
- 1868, p. 403 Tupper, Mrs. Bees. October.
- 1869, p. 154 [Bee statistics of the Grand Duchy of Hesse] March and April.
- 1870, p. 158 Olmstead, L. G. [Bleaching beeswax in Italy] March and April.
- 1871, p. 351 [National beekeeping societies formed] August and September.
p. 498 Italian bees in Utah. November and December.
- 1876, p. 412-413 Allen, L. F. The honey bee. October. [In his: American live stock].

Official Record

Supersedes the Weekly News letter, q. v.

- v. 1, no. 12 American bees threatened by Isle of Wight disease. March
p. 3 22, 1922.
- v. 1, no. 15 Post-office quarantine on bees. April 12, 1922.
p. 4
- v. 2, no. 43 Question. Will bees work in cedar hive? October 24, 1923.
p. 5
- v. 2, no. 45 Weather forecasts for beekeepers. November 7, 1923.
p. 7
- v. 3, no. 4 Combat mice - Destructive to honey. January 23, 1924.
p. 3
- v. 3, no. 24 Maintain bee culture laboratory. June 11, 1924.
p. 6
- v. 4, no. 36 Hambleton, J. I. Grader for determining standard color
p. 3 grades in samples of extracted honey. September 9,
1925.
- v. 6, no. 12 Honey producers may organize. March 23, 1927.
p. 4
- v. 6, no. 30 Exhibit of live bees at Museum. July 27, 1927.
p. 8
- v. 7, no. 1 Beekeeping being rehabilitated. January 4, 1928.
p. 3
- v. 7, no. 12 Survey made of honey business. March 21, 1928.
p. 3
- v. 7, no. 38 Apiary practices being studied. [Establishment of labora-
p. 4 tory in Intermountain Region] September 19, 1928.
- v. 7, no. 40 Overheating impairs honey. October 3, 1928.
p. 2

Posters

Color standards for grades of comb honey. [Bur. Agr. Econ. in coop. with
Bur. Ent.]
Grades for section comb honey. [Bur. Ent.]
Honey. It's all good honey. [Bur. Agr. Econ. in coop. with Bur. Ent.]
Requirements for the more important grades of honey. (Chart supplementing
U. S. Department of Agriculture. Circular number 24, December 1927)
[Bur. Ent. in coop. with Bur. Agr. Econ.]

Weather, Crops, and Markets
1922-1923

Three publications of the Department of Agriculture were combined to form Weather, Crops, and Markets, namely, 1) The Market Reporter, 2) National Weather and Crop Bulletin, 3) Monthly Crop Reporter. Weather, Crops, and Markets was superseded by Crops and Markets, q. v.

- v. 1, no. 4 Light honey stores in hands of beekeepers; market firm.
p. 75 January 28, 1922.
- v. 1, no. 10 Honey supplies in producing areas are rapidly lessening.
p. 201 March 11, 1922.
- v. 1, no. 15 California's new honey crop expected to be very large.
p. 314 April 15, 1922.
- v. 1, no. 17 Cold weather retards honey crop in Intermountain area.
p. 362 April 29, 1922.
- v. 1, no. 20 Winter losses of honey bees about 10 per cent. May 20,
p. 425 1922.
- v. 1, no. 21 Old honey nearly exhausted; early Southwest crop light.
p. 452 May 27, 1922.
- v. 1, no. 25 Good early flow of nectar in northern honey regions. June
p. 531 24, 1922.
- v. 2, no. 3 Supplies of old crop honey now practically exhausted.
p. 44 July 15, 1922.
- v. 2, no. 5 Honey production to July 1 much above 5-year average.
p. 99 July 29, 1922.
- v. 2, no. 7 Honey crop in the eastern clover areas cut by rains.
p. 130 August 12, 1922.
- v. 2, no. 13 Big crop of honey shown despite heat and drought. Sep-
p. 275 tember 23, 1922.
- v. 2, no. 21 Honey: Average yield per colony, with details, shown by
p. 445 states, 1922, with comparisons. November 18, 1922.
p. 452 Value of honey imported... 1920.
- v. 2, no. 22 Bee colonies generally in good condition for winter.
p. 468 November 25, 1922.
- v. 3, no. 15 Many cars of honey still unsold. April 14, 1923.
- p. 342
- v. 3, no. 24 Winter losses of honeybees about average. June 16, 1923.
p. 585

Weather, Crops, and Markets

(Cont'd)

- v. 4, no. 1 Very-light honey crop expected. July 7, 1923.
p. 12.
- v. 4, no. 2 Prospects unfavorable for a good honey yield. July 14,
p. 44 1923.
- v. 4, no. 4 Honey production to July 1 lowest since 1917. July 28,
p. 92 1923.
- v. 4, no. 6, 7 Honey report issued at Madison. August 11 and 18, 1923.
p. 159
- v. 4, no. 10 Honey crop short. September 8, 1923.
p. 252
- v. 4, no. 11 Condition of bees and honey plants, and yields of honey,
p. 274 September 1. September 15, 1923.
- v. 4, no. 19 Good demand for honey. November 10, 1923.
p. 492
- v. 4, no. 22 Honey yields per colony below average. December 1, 1923.
p. 570

Crops and Markets

Crops and Markets was published as a weekly with two volumes a year from v. 1, 1924-v. 6, 1926. It had a Monthly Supplement with one volume a year: (v. 1, 1924-v. 3, 1926) In 1927 Crops and Markets became a monthly taking the volume number of the Monthly Supplement: that is, the 1927 volume of Crops and Markets is volume 4. It contains the data formerly appearing in the Monthly Supplement and certain weekly statistics. It was preceded by Weather, Crops, and Markets, q. v.

- v. 2, no. 1 Honey outlook unusually variable. July 5, 1924, p. 7-8.
- v. 3, no. 25 Honey crop prospects below normal. June 20, 1925, p. 391.
- v. 1, Suppl. Honey yields per colony in 1924 about average. December
no. 12 1924, p. 424.
- v. 2, Suppl. Honey prospects, 1925. August 1925, p. 245.
no. 8
- v. 4, no. 2. Tariff rates on representative agricultural products under
the Tariff Act of 1913, the Emergency Tariff Act of
1921 and the Tariff Act of 1922. February 1927. p.
74-75.
p. 75 Honey.

Weekly News Letter
1913-1921

Superseded by the Official Record, q. v.

- v. 3, no. 30 Phillips, E. F. Spring care of bees. Provide room for
p. 3 brood rearing, an abundance of food, and protection
 from the weather. March 1, 1916.
- v. 4, no. 39 Spring care of bees. How the beekeeper can aid in aug-
p. 10 menting the sugar supply. May 2, 1917.
- v. 5, no. 15 Winter care of bees. Protect hives from cold, and feed
p. 1 when necessary, to reduce large losses in apiaries.
 November 14, 1917.
- v. 5, no. 42 Let sweet clover bloom on wastes - Increase honey and
p. 5 sugar supply. May 22, 1918.
- v. 5, no. 44 Bee business boosts as workers arouse interest. June 5,
p. 7 1918.
- v. 6, no. 1 Bee busy, Yes! Honey has become valuable food crop.
p. 14,15 August 7, 1918.
- v. 6, no. 16 Twelve rules for the protection of bees wintered in
p. 8 cellars, November 20, 1918.
- v. 6, no. 34 Busy bees with busy boys or girls mean much honey. March
p. 9 26, 1919
- v. 6, no. 44 Busy bees and a busy boy - Combination wins in Kansas.
p. 10 June 4, 1919.
- v. 6, no. 49 Beekeeping for soldiers. July 9, 1919.
p. 6
- v. 7, no. 5 Good from beekeeping schools. September 3, 1919.
p. 15
- v. 7, no. 18 Rare sugar found in honey. December 3, 1919.
p. 7

 Contains also reviews and abstracts of Department pub-
lications on bee culture.

Yearbook

The Yearbook was begun in 1894. It contains articles and statistical matter contributed by the various bureaus, divisions, and offices of the Department.

1894, p. 540	[Honey: Exports 1890-1894]
1895, p. 543	[Honey: Exports 1891-1895]
p. 546	[Honey: Principal countries exported to, 1894-95]
p. 548	[Beeswax: Imports 1891-1895]; [Honey: Imports 1891-1895]
1896, p. 585	[Beeswax: Exports 1892-1896]; [Honey: Exports 1892-1896]
p. 589	[Honey: Principal countries exported to, 1895-1896]
p. 590	[Beeswax: Principal countries exported to, 1895-1896]
p. 591	[Beeswax: Imports 1892-1896]; [Honey: Imports 1892-1896]
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p. 751	[Beeswax: Average prices for exports 1893-1897]
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p. 705	[Beeswax: Imports 1894-1898]
p. 707	[Honey: Imports 1894-1898]
p. 712	[Beeswax: Exports 1894-1898.]; [Honey: Exports 1894-1898]
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- 1900, p. 662-663 Beekeepers associations, National, sectional and state
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p. 683 Beekeepers' associations [List of]
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p. 792 [Beeswax: Imports 1897-1901]
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p. 799 [Beeswax: Exports 1897-1901]
p. 800 [Honey: Exports 1897-1901]
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- 1906, p. 88 Bee culture [Work 1906]
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p. 737 [Honey: Imports 1903-1907]
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p. 111 Bee culture [Work 1908]
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- 1909, p. 115 Bee culture [Work 1909]
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- 1911, p. 656 [Beeswax: Imports 1907-1911]
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- 1916, p. 707 [Beeswax: Imports 1914-1916] table 191.
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- 1920, p. 260 [Bees: Losses through birds]
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- 1924, p. 1077 [Beeswax: Imports 1901-1924] table 682.

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p. 1171-72 Honey: Monthly average prices... 1920-1921. table 492.
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- 1927, p. 129-130 Sechrist, E. L. Beekeeping, still in commercial infancy, aided by U. S. grades.
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p. 1059-60 [Honey statistics, 1920-1926] table 420.
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- 1928, p. 138-141 Hambleton, J. I. Bee breeding by artificial insemination done experimentally. illus.
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p. 142-144 Clay, H. J. Beeswax goes largely into candles but has numerous other uses. illus.
p. 369-370 Munsell, H. E. Honey has valuable food properties but is low in vitamins.
p. 971 Beeswax: Monthly average price per pound of domestic beeswax at Chicago, 1920-1928. table 442.
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Bureau of Entomology

Annual Report

The annual reports of the entomologist are bound with those of the Secretary of Agriculture and for some years have also been issued in separate form, known as author's editions. Reports for 1863-1877 are by Townsend Glover; 1877-1878 by C. V. Riley; 1879-1881, by J. H. Comstock; 1882-1893 by C. V. Riley; 1894-1927 by L. O. Howard, and 1928 by C. L. Marlatt. Reports for 1921, 1924-1928, which are analyzed below, were issued in separate form only. Reports of work on bee culture contained in Reports of the Entomologist for other years are analyzed under United States Department of Agriculture. Annual reports, q. v.

- 1921, p. 29-32 Bee-culture investigations.
1924, p. 27-30 Bee-culture investigations.
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1926, p. 28-30 Bee-culture investigations.
1927, p. 27-28 Bee-culture investigations.
1928, p. 31-32 Bee-culture investigations.

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Bulletins (Old Series)

Number

- 12 Miscellaneous notes on the work of the Division of Entomology for the season of 1885, prepared by the Entomologist. 46 p. illus. 1886.
p. 44 "Wheel bugs" destroying hive bees.
- 13 Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. 78 p. illus. 1887.
p. 66-75 McJain, F. W. Apicultural experiments.
- 26 Reports of observations and experiments in the practical work of the Division, made under the directions of the Entomologist. 95 p. 1892.
p. 82-92 Cook, A. J. Report of apicultural experiments in 1891.
- 30 Reports of observations and experiments in the practical work of the Division, made under the direction of the Entomologist. 67 p. 1893.
p. 57-64 Larrabee, J. H. Experiments in apiculture, 1892.

Bulletins (New Series)

Number

- 1 Benton, Frank. The honey bee: (*Apis mellifica* L.) A manual of instruction in apiculture. 118 p. illus. 1896. Rev. 1896; ed. 3, 1899; 54th Cong., 1st sess., H. Doc. 359, serial no. 3435.
For translation into Japanese see p. 7.
- 13 Howard, L. O., comp. Recent laws against injurious insects in North America, together with the laws relating to foul brood. 68 p. 1898.
- 52 Proceedings of the seventeenth annual meeting of the Association of Economic Entomologists. 123 p. illus. 1905.
p. 103-108 Benton, Frank. The importation and breeding of honey bees of various types.
- 55 Phillips, E. F. The rearing of queen bees. 32 p. illus. 1905.
For translations into Italian and Serbian see p. 48.
- 61 Howard, L. O. and Burgess, A. F., comp. The laws in force against injurious insects and foul brood in the United States. 222 p. 1906.
- 70 Reports of the meeting of inspectors of apiaries, San Antonio, Texas, November 12, 1906. 79 p. illus. 1907.

Bureau of Entomology
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Number

- 75 Miscellaneous papers on apiculture.
- I. p. 1-18 Phillips, E. F. Production and care of extracted honey. 1907.
Browne, C. A. Methods of honey-testing for beekeepers. 1907.
 - II. p. 19-22 Phillips, E. F. Wax moths [*Galleria mellonella* L.] and *Achroia griseola* Fab.] and American foul brood. illus. 1907.
 - III. p. 23-32 Gates, B. N. Bee diseases in Massachusetts. illus. 1908.
 - IV. p. 33-42 White, G. F. The relation of the etiology (cause) of bee diseases to the treatment. 1908.
 - V. p. 43-58 Phillips, E. F. A brief survey of Hawaiian beekeeping. illus. 1909.
 - VI. p. 59-80 Phillips, E. F. The status of apiculture in the United States. 1909.
 - VII. p. 81-109 Gates, B. N. Beekeeping in Massachusetts. illus. 1909.
p. 111-23 Contents and index. 1911.
Issued as a complete bulletin. 123 p. illus. 1911.
- 98 Phillips, E. F. and White, G. F. Historical notes on the causes of bee diseases. 96 p. 1912.
- 121 Casteel, D. B. The behavior of the honey bee in pollen collecting. 36 p. illus. 1912.

Circulars (First Series)

Number

- 22 Riley, C. V. [N. W. McLain appointed as special apicultural agent of the Bureau] 1 p. July 28, 1885.

Circulars (Second Series)

Number

- 79 Phillips, E. F. The brood diseases of bees. 5 p. 1906.
- 94 White, G. F. The cause of American foul brood. [*Bacillus larvae*] 4 p. 1907.
- 138 Phillips, E. F. The occurrence of bee diseases in the United States. (Preliminary report) 25 p. 1911.
- 157 White, G. F. The cause of European foul brood. 15 p. illus. 1912.
- 161 Casteel, D. B. The manipulation of the wax scales of the honey bee. 13 p. illus. 1912.
- 169 White, G. F. Sacbrood, a disease of bees. 5 p. 1913.

Bureau of Entomology

(Continued)

Insect Life

Devoted to the economy and life habits of insects especially in their relations to agriculture. Edited by C. V. Riley and L. O. Howard.

- v. 1, no. 3 A new enemy to honey-bees [*Euthyrhynchus floridanus*]
p. 88 September 1888.
- v. 1, no. 6 Two abnormal honey-bees. December 1888.
p. 197
- v. 1, no. 9 Allis, E. W. [Susceptibility to insect poison]
p. 282-283 March 1889.
p. 285-286 Tryon, H. G. [Bees versus fruit] March 1889
p. 295 Cook, A. J. [More abnormal honey-bees] March 1889.
- v. 1, no. 11 Chitty, W. [Rheumatism and the stings of bees]
p. 350-351 May 1889.
- v. 1, no. 12 Riley, C. V. Notes on *Pronuba* and *Yucca* pollination.
p. 367-372 June 1889. Reprinted from the Proceedings of the
 Entomological Society of Washington, v. 1, p. 150-
 154, 1888. Discusses part played by *Apis mellifica* in
 pollination.
- v. 2, no. 3 Webster, F. M. The effect of arsenical insecticides
p. 84-85 upon the honey bee. September 1889. See also note
 in No. 4, p. 123, October 1889.
- v. 2, no. 7-8 Honey bees and arsenicals used as sprays. January -
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- v. 3, no. 5 [Riley, C. V.] The outlook for applied entomology.
p. 181-210 January 1891
 p. 198-199 Apiculture.
- v. 3, no. 7-8 Feeding habits of the bee moth. April 1891.
p. 342
- v. 4, no. 3-4 Death from a bee sting. November 1891.
p. 159
- v. 4, no. 7-8 Benton, Frank. Bees of great value to fruit and
p. 254-256 seed growers. April 1892.
p. 282 Larrabee, J. H. [Paris green and the honey bee]
 April 1892.
- v. 4, no. 9-10 Benton, Frank. How far do bees fly? June 1892.
p. 319-321
p. 343 A honey bee enemy in California. [*Apiomeris flaviventris*]
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- v. 5, no. 2 Webster, F. M. Spraying with arsenites vs. bees.
p. 121-123 November 1892.
- v. 5, no. 4 Benton, Frank. The Langdon non-swarmer device. illus.
p. 230-235 April 1893.
p. 256 Moloney, Alfred. [A tropical honey bee] April 1893.

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- v. 5, no. 4
p. 260 Sharp, A. M. [Wax moths, *Galleria mellonella*, in a cupboard] April 1893.
p. 268 A serious case of bee sting. April 1893.
- v. 5, no. 5
p. 353 Further on bee stings and rheumatism. July 1893.
- v. 6, no. 2
p. 161-185 Lintner, J. A. On arsenical spraying of fruit trees while in blossom. December 1893.
- v. 6, no. 3
p. 242-247 Benton, Frank. The apiarian exhibit at the Columbian Exposition. February 1894.
- v. 6, no. 5
p. 350-360 Riley, C. V. Bees. illus. September 1894.
- v. 7, no. 2
p. 132-134 Webster, F. M. Spraying with arsenites vs. bees. October 1894.

Technical Series

Number

- 14 White, G. F. The bacteria of the apiary, with special reference to bee diseases. 50 p. 1906.
- 18 Snodgrass, R. E. The anatomy of the honey bee. 162 p. illus. 1910.

Unnumbered Publications

Comstock, J. H. Report upon cotton insects, prepared under the direction of the Commissioner of Agriculture in pursuance of an act of Congress approved June 19, 1878. 511 p. illus. 1879.
p. 319-343 Nectar; What it is, and some of its uses.

Catalogue of the exhibit of economic entomology at the World's industrial and cotton centennial exposition, New Orleans, 1884-'85. 95 p. 1888.
p. 89-92 Bees and bee-culture.

Keep bees better. 4 p. (Mimeographed) 1925.

OTHER BUREAUS AND OFFICES

The annual reports of these bureaus and offices are analyzed under the annual reports of the Department of Agriculture.

Bureau of Agricultural Economics

Organized July 1, 1922, this bureau includes the former Bureau of Markets, the former Bureau of Crop Estimates, and the former Office of Farm Management and Farm Economics.

F. S. Foreign News on Honey. No. 1- October 16, 1928 -
HO - 1 No. 1 Good outlook for American honey in Germany. 3 p.
(Mimeographed)

Market News Service

Semi-monthly reports - Honey - No. 1-230, June 15, 1917-December, 1927.
(Mimeographed)

Bureau of Chemistry and Soils

Created in 1862 as Division of Chemistry, changed to Bureau of Chemistry, July 1, 1901. Combined with Bureau of Soils on July 1, 1927, to form Bureau of Chemistry and Soils. The regulatory work formerly carried on by the Bureau of Chemistry has been combined with that of the Insecticide and Fungicide Board to form the new Food, Drug, and Insecticide Administration.

Bulletin

Number

- 13 Foods and food adulterants. Part 6. Sugar, molasses and sirup, confections, honey and beeswax, made under the direction of H. W. Wiley. 633-874 p. 1892
p. 866-869 Bibliography of beeswax, arranged by years.
p. 869-871 Bibliography of waxes used in adulterating beeswax, arranged by years.
p. 871-874 Bibliography of honey, arranged by years.
- 32 Wedderburn, A. J. Special report on the extent and character of food adulteration, including state and other laws relating to foods and beverages. 174 p. 1892.
p. 147-148 Adulterated honey must be marked.

Bureau of Chemistry and Soils

Bulletin
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Number

- 46 Methods of analysis adopted by the Association of Official Agricultural Chemists, November 11, 12, and 14, 1898. Edited by H. W. Wiley. 86 p. 1899.
p. 27-43 Methods for the determination of soluble carbohydrates in agricultural products...water and ash in commercial and industrial saccharine products [including honey]
- 65 Provisional methods for the analysis of foods adopted by the Association of Official Agricultural Chemists, November 14-16, 1901. Edited by H. W. Wiley and W. D. Bigelow. 169 p. 1902.
p. 43-50 Leach, A. E. Saccharine products [including honey]
- 73 Proceedings of the nineteenth annual convention of the Association of Official Agricultural Chemists, held at Washington, D. C., October 2, 3, and 4, 1902. Edited by H. W. Wiley. 187 p. 1903.
p. 75, table VII Polarization of honeys. In: Tolman, L.M. Clerget's method and modifications. p. 69-77.
- 81 Proceedings of the twentieth annual convention of the Association of Official Agricultural Chemists, held at Washington, D. C., November 19, 20, and 21, 1903. Edited by H. W. Wiley. 252 p. 1904.
p. 73-75 Leach, A. E. The determination of commercial glucose in some saccharine products [including honey]
- 107 Official and provisional methods of analysis, Association of Official Agricultural Chemists as compiled by the committee on revision of methods... November 1, 1906, and provisionally adopted by the association. 280 p. 1907.
p. 64-74 Methods for analysis of saccharine products [including honey]
Further revised and finally adopted, October 1907. 272 p. 1908.
- 110 Browne, C. A. Chemical analysis and composition of American honeys, including a microscopical study of honey pollen. 92 p. illus. 1908
- 116 Proceedings of the twenty-fourth annual convention of the Association of Official Agricultural Chemists held at the Jamestown Exposition, Norfolk, Va., October 9-11, 1907. Edited by H. W. Wiley. 143 p. 1908.
p. 19-20 [Honey and borax]

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Number

- 122 Proceedings of the twenty-fifth annual convention of the Association of Official Agricultural Chemists, held at Washington, D. C., November 12-16, 1908, Edited by H. W. Wiley. 248 p. 1909.
p. 180-183 Bryan, A. H. Detection of small percentages of commercial glucose in sirups and honey.
- 150 Kebler, L. F. et al. Technical drug studies by the Division of Drugs. 51 p. 1912.
p. 49-51 Kebler, L. F. and Boyles, F. M. Character of samples of beeswax submitted with bids.
- 154 Bryan, A. H., Given, Arthur, and Sherwood, Sidney. Chemical analysis and composition of imported honey from Cuba, Mexico and Haiti.
21 p. 1912.
- 162 Proceedings of the twenty-ninth annual convention of the Association of Official Agricultural Chemists, Washington, D. C., September 16-18, 1912. Edited by W. D. Bigelow with the collaboration of G. O. Savage. 245 p. 1913.
p. 136-137 Barnard, H. E. Formic acid in honey.

Circulars

Number

- 86 Feldstein, L. The refractive index of beeswax. 3 p. 1911.

Service And Regulatory Announcements

Number

- 6 June 1914. p. 417 Item 46. Mitchell, A. S. The net weight of comb-honey.
- 20 July 2, 1917. p. 63 Item 222. Honeydew honey should be so labeled.

Bureau of Crop Estimates

Established in 1863 as the Division of Statistics. On July 1, 1903 it became the Bureau of Statistics and on July 1, 1914, the name was changed to Bureau of Crop Estimates. On July 1, 1921 it consolidated with the Bureau of Markets to form the Bureau of Markets and Crop Estimates.

Crop Reporter

Contains statistics on honey and wax. Discontinued with issue of June, 1913. See also: Monthly Crop Reporter.

Bureau of Crop Estimates

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Report of the Statistician (New Series)

Number

- 63 Report on the acreage of wheat and cotton, and condition of cereal crops, and on freight rates of transportation companies. p. 191-235. June 1889.
p. 224-228 Bee-keeping and condition of industry.
- 113 Report of Statistician. p. 69-156. March 1894.
p. 112-113 Production of honey and beeswax.

Monthly Crop Reporter

"Resumption in size and nature of material of the Crop Reporter which was discontinued June 19, 1913." Volume 1 - v.5, no. 2 issued under title "Monthly Crop Report." Merged, Jan. 1922, with Weather, Crops, and Markets, q. v.

- v. 1, no. 5 Honey production and trade. September 15, 1915.
p. 45
- v. 2, no. 5 Honeybee report, May 1. May 1916.
p. 44
- v. 2, no. 7 Honeybees and honey yields and prospects. July 1916.
p. 65
- v. 2, no. 9 Honeybees and honey plants. September 1916.
p. 91
- v. 2, no. 11 Honey production, 1916 and 1915. November 1916.
p. 117
- v. 3, no. 7 Honey yields and prospects. July 1917.
p. 57
- v. 3, no. 9 Honey. September 1917.
p. 85
- v. 3, no. 11 Honey bees and honey plants. September 1917.
Honey report. November 1917.
p. 113
- v. 4, no. 5 Honeybee report, May 1, 1918. May 1918.
p. 53
- v. 4, no. 7 Honey yields and prospects. July 1918.
p. 80
- v. 4, no. 9 Honey bees and honey plants. September 1918.
p. 112.
- v. 5, no. 5 Honeybee report, May 1, 1919. May 1919.
p. 48
- v. 5, no. 9 Honey bees and honey plants. September 1919.
p. 92
- v. 5, no. 11 Honey production, 1919, with comparisons. November 1919.
p. 115

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- v. 6, no. 5 Honeybee report, May 1, 1920. May 1920.
p. 44
- v. 6, no. 7 Honey yields and prospects. July 1920.
p. 73
- v. 6, no. 9 Honey bees and honey plants. September 1920.
p. 99
- v. 6, no. 11 Honey production, 1920, with comparisons. November 1920.
p. 126
- v. 7, no. 5 Honeybee report May 1, 1921. May 1921.
p. 57
- v. 7, no. 7 Bees, honey plants, and honey, July 1, July 1921.
p. 81
- v. 7, no. 9 Honey bees and honey plants, September 1. September 1921.
p. 113
- v. 7, no. 11 Honey production, 1921, with comparisons. November 1921.
p. 139

Office of Experiment Stations

Organized in 1888. From July 1, 1915 - June 30, 1925 ceased to exist as a separate office and was a division of States Relations Service. On July 1, 1928 the Office of Experiment Stations was re-organized and placed under the Office of the Secretary.

Bulletins

Number

- 28 Atwater, W. O. and Woods, C. D. Chemical composition of American food materials. 47 p. 1896. Rev. 1906.
p. 37, 1896 Honey, strained.
p. 64, 1906 Honey.
- 170 Smith, J. G. Report on agricultural investigations in Hawaii.
66 p. 1906.
p. 40 Beekeeping and list of honey plants.

List of Projects

Classified list of projects carried on by the agricultural experiment stations.

- | | | | |
|---------|------------|-------------|-------------------------------------|
| 1919 | p. 140-142 | Bees | (Mimeographed) |
| 1920 | p. 161-162 | Bees | " |
| 1921 | p. 216-127 | Bees | " |
| 1922/23 | p. 243-246 | Bees | " |
| 1923/24 | p. 55-57 | Bees | (Typewritten copy. Not distributed) |
| 1924/25 | p. 264-266 | Bees | (Mimeographed) |
| 1925/26 | p. 276 | Bees | " |
| 1927 | p. 132-134 | Bee culture | " |

Office of Experiment Stations
(Cont'd)

Insular Stations

Five agricultural experiment stations are under the supervision of the Office of Experiment Stations - Alaska, Guam, Hawaii, Porto Rico, and the Virgin Islands. For their publications see Publications of States, Territories, etc.

Food, Drug, and Insecticide Administration

Created July 1, 1927: Combines the regulatory work formerly under the Bureau of Chemistry and the Insecticide and fungicide Board.

Service and Regulatory Announcements

Number

- 2 Definitions and standards for food products. 20 p. 1927.
1st rev. 1928 20 p.
p. 12 Honey.

Forest Service

Created in 1881 as Division of Forestry. Became Bureau of Forestry July 1, 1901, and Forest Service in 1905.

Bulletins

Number

- 35 McClatchie, A. J. Eucalypts cultivated in the United States.
106 p. illus. 1902.
p. 41-42 [Eucalypts] as a source of honey.
- 85 Plummer, F. G. Chaparral. 48 p. illus. 1911.
p. 38-39 Bee pasturage.

Bureau of Markets

Consolidated July 1, 1921 with Bureau of Crop Estimates under name, Bureau of Markets and Crop Estimates.

Food Surveys

Discontinued with v. 2, no. 27, June 27, 1919. Merged with "Market Reporter" January 3, 1920.

- v. 1, no. 6 Commercial stocks of honey. June 14, 1918.
p. 11-13
- v. 2, no. 7 Commercial stocks of honey. September 18, 1918.
p. 9-11

Bureau of Markets

(Cont'd)

Market Reporter

The "Seed Reporter" and "Food Surveys" were discontinued and became a part of the Market Reporter. The Market Reporter merged with Weather, Crops, and Markets, q. v.

- v. 1, no. 13 Honey at high level. March 27, 1920
p. 133, 207
p. 207 Increased use of honey in Great Britain. March 27, 1920.
- v. 1, no. 15 Dullness in honey market. April 10, 1920.
p. 231
- v. 2, no. 1 Sweden likes American honey. July 3, 1920.
p. 4
- v. 2, no. 6 Honey prices up 15 to 40 percent this season.
p. 81, 91
- v. 2, no. 9 Honey movement to market still limited, but slightly improved. August 28, 1920.
p. 135
- v. 2, no. 11 Honey markets reflect slump in sugar prices. September 11, 1920.
p. 167, 175
- v. 2, no. 13 Honey markets dull and weak. Sept. 25, 1920.
p. 196
- v. 2, no. 15 Little change in honey prices during fortnight. October 9, 1920.
p. 231
- v. 2, no. 19 Slump in extracted honey prices continues. November 6, 1920.
p. 295
- v. 2, no. 21 Markets for extracted honey still unsettled. November 20, 1920.
p. 329
- v. 2, no. 23 Bee and honey regulations of New Zealand. December 4, 1920.
p. 360
- v. 2, no. 24 Extracted honey markets still weak and unsettled. December 11, 1920.
p. 375
- v. 2, no. 26 Increased honey production in Guatemala. December 25, 1920.
p. 415
- v. 3, no. 1 Extracted honey price slump still continues. January 1, 1921.
p. 9
- v. 3, no. 3 Lack of trading characterizes honey situation. January 15, 1921.
p. 41
- v. 3, no. 4 Markets for honey may reach still lower levels. January 22, 1921.
p. 57
- v. 3, no. 6 Lower honey prices prevailing at shipping points. February 5, 1921.
p. 89
- v. 3, no. 9 Sales in small pails feature present honey industry. February 26, 1921.
p. 135
- v. 3, no. 11 Honey shippers endeavoring to increase direct sales. March 12, 1921.
p. 165
- v. 3, no. 13 Light movement of small lots features honey markets. March 26, 1921.
p. 201
- v. 3, no. 14 Where our beeswax comes from. April 2, 1921.
p. 223

Bureau of Markets

Market Reporter

(Cont'd)

- v. 3, no. 15 Small-lot sales continue to feature honey markets. April
p. 233 9, 1921.
- v. 3, no. 18 Canada chief market for beeswax. April 30, 1921.
p. 285
- v. 3, no. 23 Brazil important source of beeswax. June 4, 1921.
p. 368
- v. 4, no. 2 Honey markets weak as demand continues sluggish. July 9,
p. 25 1921.
- v. 4, no. 5 Honey crop affected by drought and hot weather. July 30,
p. 73 1921.
- v. 4, no. 8 Outlook for honey crop now considered unfavorable. Aug-
p. 121 ust 20, 1921.
- v. 4, no. 11 Firmer honey prices reported during recent weeks. Sept-
p. 167 ember 10, 1921.
- v. 4, no. 17 Movement of honey speeds up during past six weeks. October
p. 265 22, 1921.
- v. 4, no. 23 Reports show continued brisk movement of honey. December
p. 361 3, 1921.

Bureau of Plant Industry

Organized July 1, 1901 by the consolidation of the following divisions of the Department of Agriculture: Agrostology Division; Botany Division; Seed and Plant Introduction; Seed Division; Vegetable Physiology and Pathology Division.

Bulletins

Number

- 150 Hansen, N. E. The wild alfalfa and clovers of Siberia, with a perspective view of the alfalfas of the world. 31 p. 1909.
p. 13, 14, 24 [Value as honey plants]
- 204 Meyer, F. N. Agricultural explorations in the fruit and nut orchards of China. 62 p. illus. 1911.
p. 39 [Use of honey in preparing honey jujube]
- 210 Cook, O. F. Hindi cotton in Egypt. 58 p. illus. 1911.
p. 8, 11 [Relation of insects - wild bees - to deterioration of cotton]
- 254 Lake, E. R. The Persian walnut industry of the United States. 110 p. illus. 1913.
p. 74 [Wax grafting formulas using beeswax]
- 263 Norton, J. B. Methods used in breeding asparagus for rust resistance. 60 p. illus. 1913.
p. 28-29 Pollination [by bee]

Bureau of Plant Industry

Circulars

Number

- 24 Brand, C. J. and Westgate, J. M.. Alfalfa in cultivated rows for production in semi-arid regions. 23 p. illus. 1909.
p. 8-9 [Bees in relation to setting of alfalfa seed]
- 132 Spillman, W. J., Cook, O. F. and Collins, G.N. Miscellaneous papers. 21 p. 1913
p. 3-7 The farmers' income - honey and wax.

Inventory of Seeds and Plants Imported

Number

- 39 Inventory of seeds and plants imported by the Office of Foreign Seed and Plant Introduction during the period from April 1 to June 30, 1914. 183 p. 1917. [Nos. 37647-38665]
p. 69-70 [No. 37937] Red clover and honey bees.

Office of The Secretary

Circulars

Number

- 19 Standards of purity for food products. 19 p. 1906. Supersedes Circulars 13 and 17.
p. 11 Honey.
- 87 The agricultural situation for 1918. Part IV. Honey, more honey needed. 8 p. 1918.
- 136 Standards of purity for food products. 22 p. 1919. Supersedes Circular no. 19.
p. 11 Honey
Includes those published in form of Food Inspection Decisions no. 158, 160-162, 165, 169-174, 176-178.

Extension Service
Lantern Slide Series

Number

- 167 Transferring bees to modern hives. 15 p. (Mimeographed) 1925.
List of slides supplementing F. B. 961 with supplementary notes by Bureau of Entomology for use in presenting subject.

Office of The Secretary

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Extension Service
Unnumbered Publications

Extension service handbook on agriculture and home economics. Compiled
and edited by T. W. Harvey. 953 p. 1927.
p. 523-525 Beekeeping. [Classification number 8.5]

Office of Information
Special Information Service

Number

27-A Sirups and honey by parcel post. 1 p. illus. 1918.

Unnumbered Publications

What there is to see in the United States Department of Agriculture.
44 p. folded map, 1928. (Mimeographed)
p. 40-41 Bee culture Laboratory, Somerset, Md.
Earlier editions: 1923, 51 p.; 1924; 52 p.

List of livestock organizations. 51 p. (Mimeographed) 1924.
p. 48- 49 Bees and honey.

Weather Bureau

Monthly Weather Review

46, no. 2 Kenoyer, L. A. Weather and honey production. p. 854.

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Alaska Agricultural Experiment Station

Annual Reports

1906 Georgeson, C. A. p. 14-15. Attempts at beekeeping.

Arizona

Agricultural Experiment Station

Bulletins

- 51 Bee-products in Arizona. R. H. Forbes. 1905.
p. 523-532. This is Timely hints for farmers
no. 48. Published as Timely hint 1903.
- 57 Honey vinegar. A. E. Vinson. 1908. p. [247]-255.
This is Timely hints for farmers no. 60. Publish-
ed as Timely hint 1906.

State Board of Agriculture, etc.

Report of apicary inspector. 1913/14; 1920. [Phoenix, 1915-21]

Bee disease eradication. (In Arizona. Commission on agriculture and
horticulture. Annual report 12th/13th-15/16th, 1919/20-1924/25.
Phoenix, 1922-25). Slight variation in title.

Arkansas

Agricultural Experiment Station

Bulletin

170 Beekeeping in Arkansas. W. J. Baerg. 1920. 32 p.
Bibliography.

California

Agricultural Experiment Station

Bulletins

- 217 Honey plants of California. M. C. Richter. 1911.
p. [971]-1037.
- 274 The common honeybee as an agent in prune pollination.
A. H. Hendrickson. 1916. p. [125]-132.
- 291 The common honeybee as an agent in prune pollination.
Second report. A. H. Hendrickson. 1918. [3],
216-236p.

California (Cont'd)

Agricultural Experiment Station

Circulars

- 63 How to make an observation hive. Leslie J. Nickels.
1911. 13 p. Bibliography.
- 185 Beekeeping for the fruitgrower and small rancher, or
amateur. G. A. Coleman. 1917. 11 p. Bibliography.
- 297 A survey of beekeeping in California. G. H. Vansell. -
The honeybee as a pollinizer. E. R. DeOng. 1925.
22, [2] p.
- 301 Buckeye poisoning of the honey bee. G. H. Vansell.
1926. 12 p.
- 307 American foulbrood and its control. G. H. Vansell.
1926. 12 p.

Colorado

Agricultural Experiment Station

Bulletins

- 5 [Announcement of lines of station work] - Report of ex-
periments in apiary, 1887. C. M. Brose. 1888.
p. 8-11.
- 54 Apiary experiments: Foundation in comb building. Clar-
ence P. Gillette. 1900. 12 p.
- 129 Extraction of beeswax. F. C. Alford. 1908. 14 p.
- 252 Honey as a carrier of intestinal diseases. Walter G.
Sackett. 1919. 18 p.

State Board of Agriculture, etc.

State entomologist. Circulars.

- 3 Loss from foul brood and poor management. Wesley Foster.
Apr. 1912. 10 p. (Reprint from Annual report of the
Colorado state board of horticulture, 1911)
- 11 Colorado apiary inspection. Wesley Foster. Apr. 1914.
8 p.
- 37 Beekeeping in Colorado. Newton Boggs. 1922. 15 p.
- 41 Beekeeping in Colorado. Newton Boggs. 1923. 18 p.
(Revision of Circular no. 37)

Colorado (Cont'd)

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45 Wintering bees in Colorado. R. G. Richmond. Nov. 1924. 12 p.

Report of apiary inspection work, 1912-1925. (In Colorado. State entomologist. Annual report 4th-17th, 1912-1925. Fort Collins, 1913-26)

4th Annual report of the State entomologist of Colorado is re-print from Annual report of the State board of horticulture, 1912.

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Report of the 20th-33d annual convention of Colorado state beekeepers' association 1899-1912. (In Colorado. State board of horticulture. Annual report, v. 11-24, 1899-1912. [Denver, 1900-1913])

Minor changes in title.

Connecticut

State Agricultural Experiment Station
(New Haven)

Bulletin

205 Beekeeping for Connecticut. A. W. Yates. 1918. [3], 426-446 p. (Entomological series no. 25) Bibliography.

Bul. of Immediate information.

8 Diseases of bees; Their detection and treatment. H. W. Cooley. 1918. 4 p.

27 Registration of bees. W. E. Britton. 1923. 1 p. (Also in Bulletin no. 256. 23d Report of the State entomologist of Connecticut, 1923. p. 252-253)

Agricultural College, Extension Service
(Storrs)

Bulletins

21 The fall feeding of bees. L. B. Crandall. 1920. 11 p.

33 Spring management of bees. L. B. Crandall. 1921. 11 p.

57 Honey as a food. L. B. Crandall. 1922. 8 p.

66 Fall management of bees. L. B. Crandall. 1923. 7 p.

98 Beekeeping. A beginner's handbook. L. B. Crandall. 1926. 12 p.

Florida

State Board of Agriculture, etc.

Department of agriculture, Tallahassee. Bulletin.
new ser.

5. Beekeeping in Florida. J. J. Wilder. 1928. 24 p.

State plant board. Monthly bulletin. See Laws, Statutes, etc. Florida.

Georgia

State Board of Agriculture, etc.

State board of entomology, Atlanta. Bulletin.

68 Annual report of the State entomologist for 1924. 1925.

Bee disease eradication: p. 11-12.

Circular

33 See Laws, Statutes, etc. Georgia.

Guam Agricultural Experiment Station

Annual Reports

1912 Thompson, J. B. p. 27. Work with the honeybee.

1913 Thompson, J. B. p. 20-21. Work with the honeybee and some honey-
plants of Guam.

1914 Thompson, J. B. p. 16-17. Apiary work.

1915 Nelson, P. p. 41-43 Apicultural notes.

Hawaii Agricultural Experiment Station

Annual Reports

1905 Van Dine, D. L. p. 40-41. Beekeeping and list of honey plants.

1906 Van Dine, D. L. p. 24-25. Beekeeping.

1907 Smith, J. G. p. 14-15. [Hawaiian honey]

Van Dine, D. L. p. 39-41. Beekeeping and foul brood.

1908 Van Dine, D. L. p. 23-26. Beekeeping; The source of honey in the
Hawaiian Islands; Honeydew.

1913 Fullaway, D. T. p. 19. Bees.

1920 Westgate, J. M. p. 23. [Formulas for grafting wax using beeswax]

Bulletin

17 Van Dine, D. L. and Thompson, A. R. Hawaiian honeys. 21 p. 1908.
Press Bulletin

18 Smith, J. G. All about the Hawaii Experiment Station. 14 p. 1906.
p. 10-11 Project no. 27, Beekeeping in Hawaii.

Idaho

State Board of Agriculture, etc.

Articles of incorporation and by-laws of the Idaho honey producers
association amended to January 5, 1915. Idaho Falls [1915] 12 p.

Idaho

State Board of Agriculture, etc. (Cont'd)

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6th contains bibliography.

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Indiana

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247 Bees and their relation to arsenical sprays at blossoming time. Walter Allen Price. 1920. 15 p.

Circulars
61 Bees for the farmer. James Troop and Walter Allen Price. 1917. 20 p. Short bibliography.

121 Honey, its use in the home. Ruth Jordan. 1925. 12 p.

Purdue University, Dept. of Agricultural Extension

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83 Swarm control for Indiana. E. G. Baldwin. 1919. 8 p.
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39 See Laws, Statutes, etc. Indiana.

43 Brood and adult bee diseases in Indiana. C. O. Yost. 1924. 16 p.

52 Pollination and the honey bee. Harry F. Dietz. 1925. 20 p.

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Iowa

Agricultural Experiment Station

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169 The weather and honey production. L. A. Kenoyer. 1917. [3], 16-26 p.

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108 Time factors in relation to the acquisition of food by the honeybee. O. W. Park. 1928. p. [181]-225. Literature cited.

State College of Agriculture, Extension Service

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11 Beekeeping in Iowa. F. C. Pellett. 1913. 20 p.

22 Wintering bees in Iowa. F. C. Pellett. 1924. 20 p.
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Wanting: no. 15, 21 (not pub.); v. 1, no. 2.

Iowa (Cont'd)

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no. 4. The beekeepers' library. (Rev. ed. of no. 2) 13 p.

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1912-1916 are Annual report of State bee inspector.

1916-1927 contain Report of the convention of the Iowa state beekeepers association 1916-1927.

12th-16th also in Iowa state horticultural society. Report v. 58-62, 1913-1927.

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[6th]-16th, 1916-1927. Des Moines, 1916-28. (In Iowa. State apiarist. Report 1916-1927) Minor variations in title.

Kansas

State Agricultural College, Division of College Extension

Form

20 Bee clubs: Rules and suggestions for organization. J. H. Merrill. 1918. 2 p.

X-Form

65 Wintering bees. J. H. Merrill. Destroy the prairie dogs. R. K. Nabours. 1918. 2 p.

95 Spring management of bees. J. H. Merrill. 1919. 2 p.

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of Kansas. Contribution from Entomological laboratory
no. 65)

"One year among the bees." By A. H. Duff": p. 102-141.

"Books and journals relating to apiculture": p. 144.

[7] The honey-bee and its food-plants, with special reference to
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Kentucky

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17 Foul-brood of bees; its recognition and treatment. Harrison
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35 Beekeeping for beginners. Harrison Garman. 1925. 34 p.

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69 Elements of beekeeping. H. R. Niswonger. 1919. 22 p.

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Maryland

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154 Beekeeping in Maryland: I. The status of beekeeping in the
State. T. B. Symons. II. The management of bees. A. H.
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Maryland University Extension Service

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- 38 Statuts of beekeeping in Maryland. E. N. Cory. [1919?] 4 p.

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- 12 Honey production, urgent necessity for extra honey. G. H. Cale. [1917?] 3 p.

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Agricultural Experiment Station

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- 124 Bee diseases in Massachusetts. Burton N. Gates. 1908. 12 p.
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p. 29-31.
- 234 The poisoning of honey bees by orchard sprays. Arthur I. Bourne. 1927. p. [73]-84.

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- 1 Brood diseases of bees, their treatment and the law for their suppression in Massachusetts. B. N. Gates. 1910. 12 p.
- 3 Warning to beekeepers and users of bees in greenhouses. 3 p.
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- 10A Spraying versus beekeeping. B. N. Gates. 1916. 22 p.
- 12 Interpretation of the net weight regulations for marking packages of honey. B. N. Gates. 1917. 8 p.
- 14 Everyday essentials of beekeeping. B. N. Gates. 1918. 32 p.
(Revision of no. 5) For later edition see Mass. Dept. of agriculture. Department publication no. 121.
2, 4, 6, 7, 9-11, 13 are [1st]-8th Annual report, 1910-17.
no. 2-13 Reprinted from Mass. State board of agriculture.
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- 81 The importance of honey production. E. R. Root. 1918. 10 p.

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- 121 Everyday essentials of beekeeping. Revision of Apiary inspection bulletin no. 14. Burton N. Gates. 1923. 32 p.
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State board of agriculture. Nature leaflet.

- 34 The first principles of beekeeping. James B. Paige. 1907
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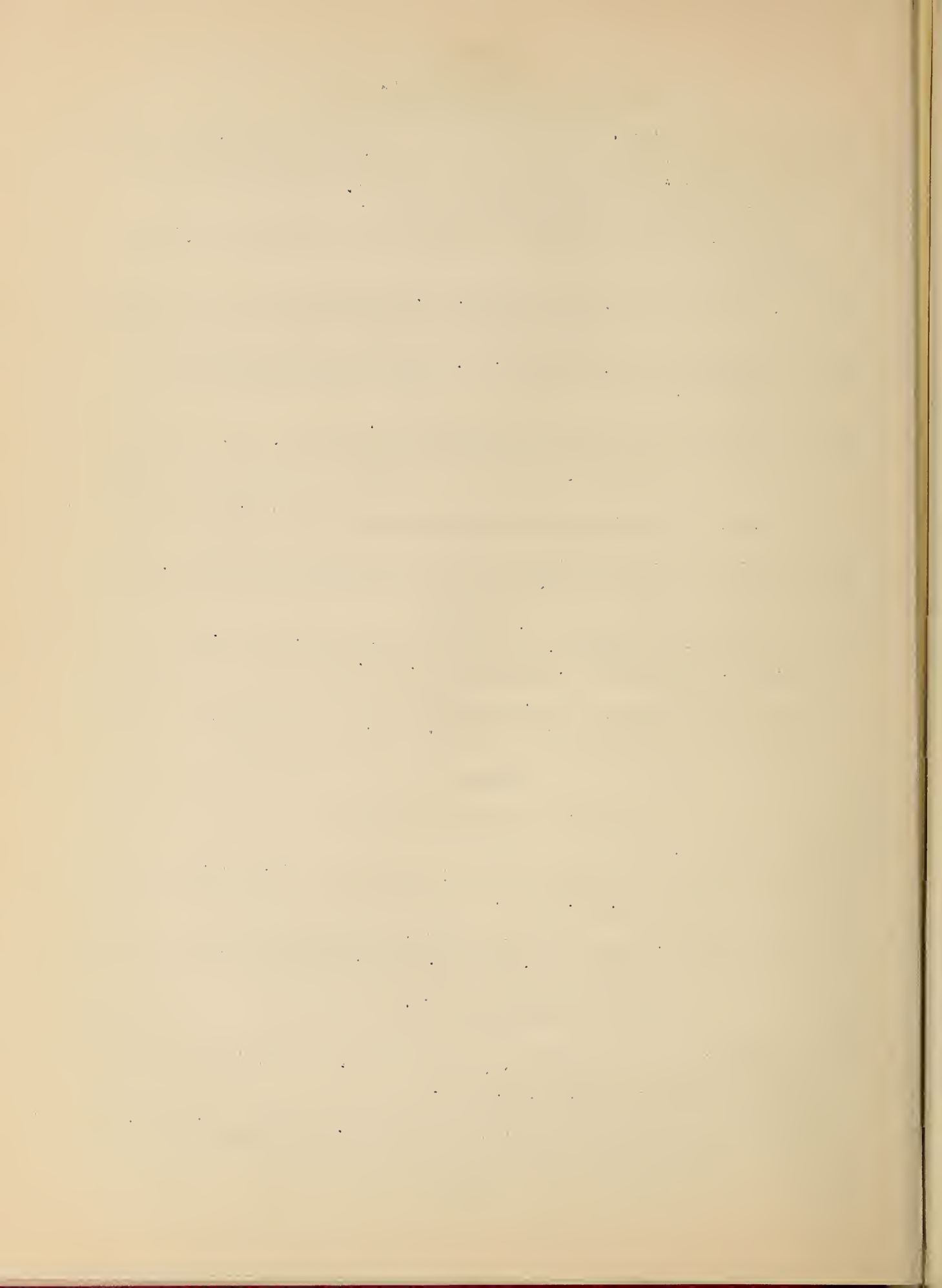
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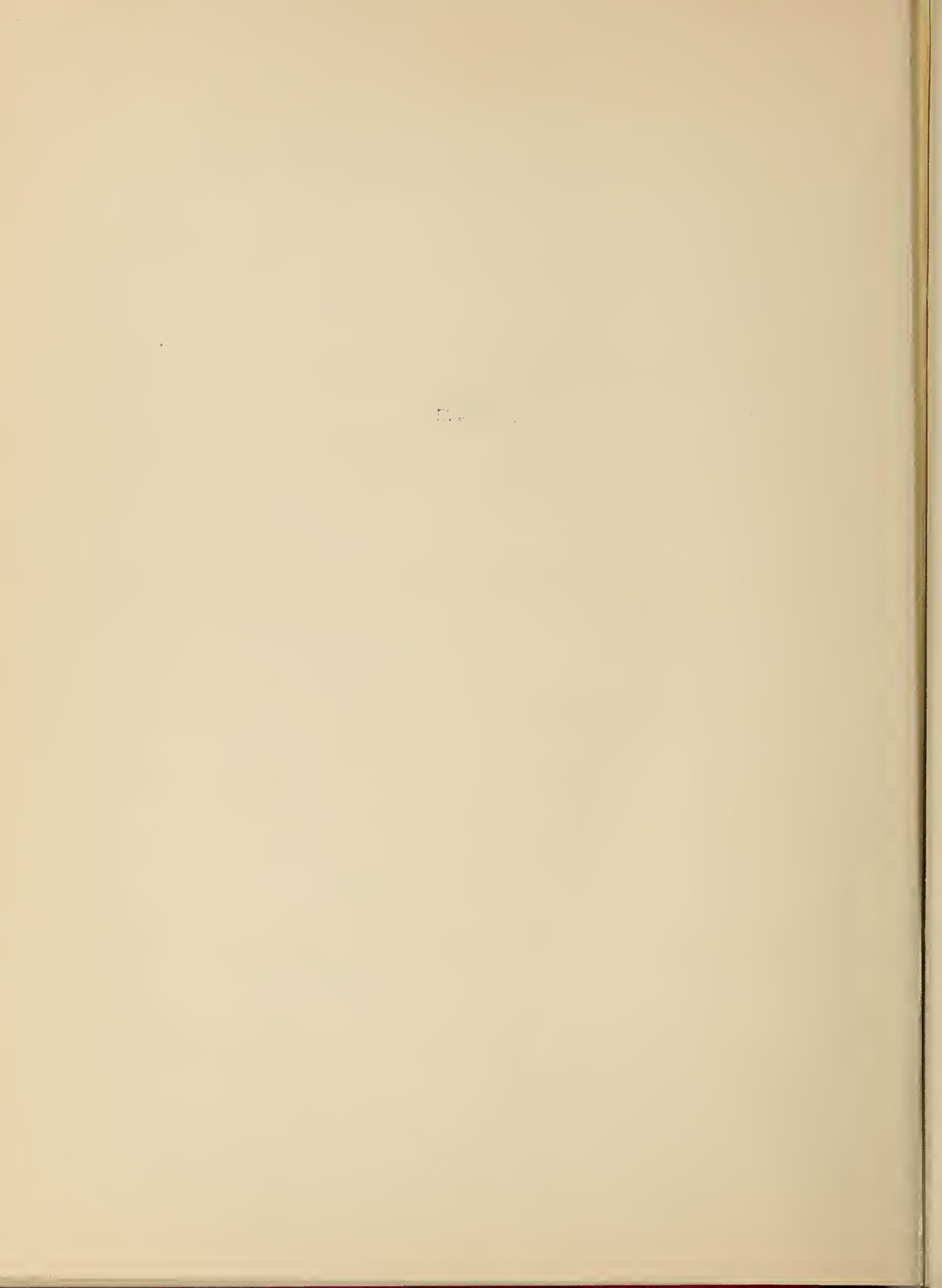
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Maryland

An act providing for the encouragement of the keeping of honeybees by the suppression of bee diseases, through inspection and the acquisition and dissemination of knowledge of bees, under the direction of the State board of agriculture, by adding nine new sections to Article 48, of the Annotated code of Maryland, to follow Section 74 of said Article, and to be known as Sections 74a, 74b, 74c, 74d, 74e, 74f, 74g, 74h and 74 i. [1916] 2 p.

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[Act as in Laws ... 1916, p. 770-773, Chapter 373 or as in The annotated code of the Public general laws of Maryland. 1924. v. 1, p. 1774-1775, Article 48, Section 81-89]

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[Act as in General statutes of Minnesota 1923... p. 753-755, Chapter 30A, Sections 5461-5472]

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[Act as in Laws, 1920, Chapter 209 (House bill no. 648) or in The annotated Mississippi code supplement of 1921... p. 308-309, Chapter 82A, Section 3636a-3636f]

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Stealing and disturbing bees: p. 2948-2949, Sections 9609-9610.

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For an act entitled an act to amend sections 8051, 8053 and 8054 of the Revised code of 1919... see: Laws... 1927, p. 53-54, Chapter 62. (H. B. 123)

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Sections 3170-3182 also in First annual report of the Division of apiculture of the State college of Washington, 1921. p. 6-8. Also in Ent. Ext. circ. 19. Mimeographed.

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Apiary law of West Virginia. Charleston, 1921. 4 p. (West Virginia. Dept. of agriculture. Bulletin no. 52. [An act to amend and re-enact an act... 1917... as in West Virginia code... edited by Uriah Barnes. 1923, p. 185-186, Sections 67-71]

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Extracts from State entomologist bill pertaining to apiary inspection in Wyoming. [As in Session laws of the State of Wyoming passed by the 18th State Legislature... 1925: p. 179-182, Chapter 148, Sections 19-31, which repeals Chapter 103, Session laws of 1923] 4 p.
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An act to amend and re-enact Chapter 148, Session laws 1925, Sections 22, 25, 26, 27 and 31 (Original House bill no. 71): p. 22-24, Chapter 24.

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Esq. M. V. O., The King's printer of Acts of Parliament, 1908] 4 p.

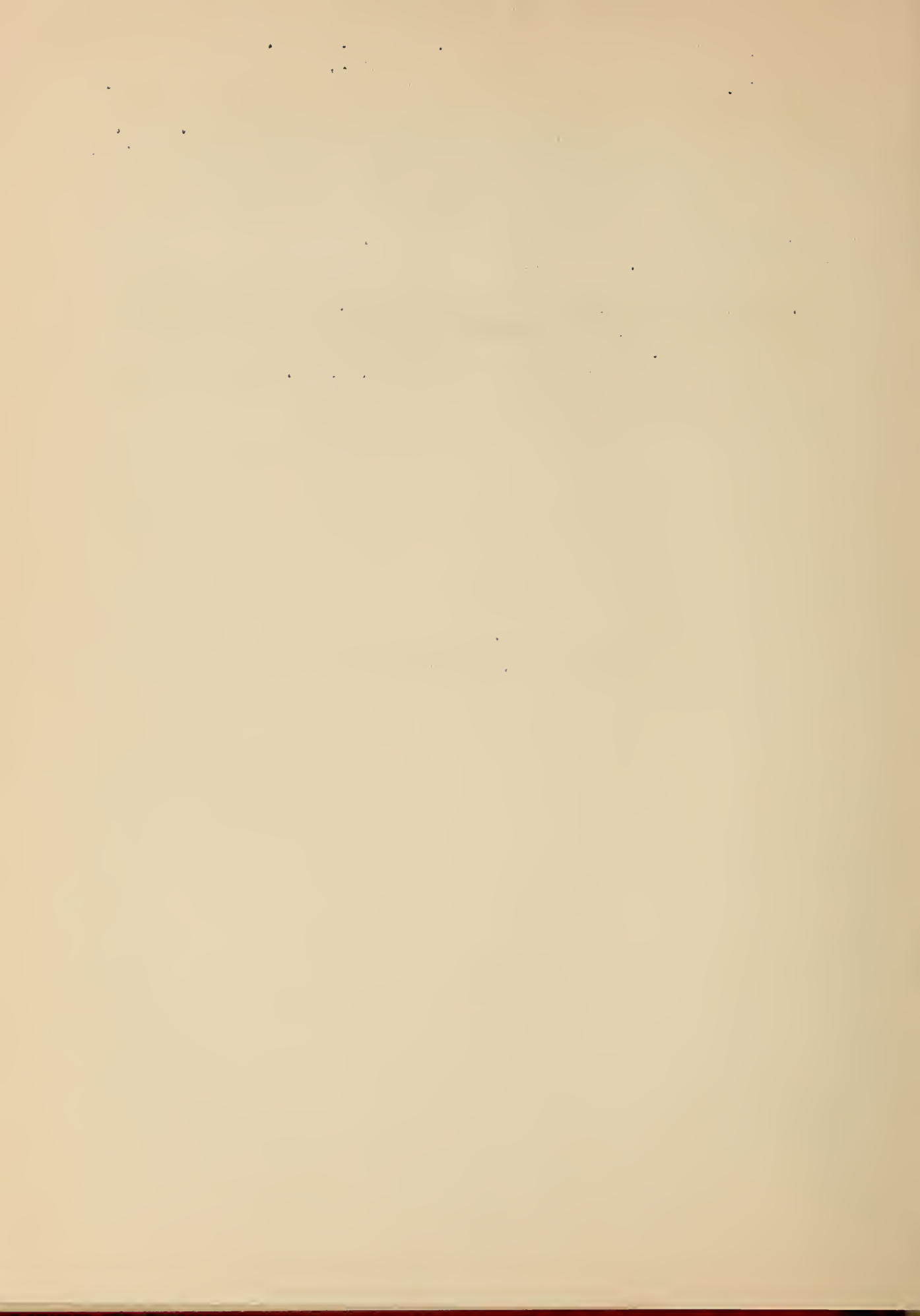
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At head of title: Department of agriculture and technical instruction
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Signed: T. P. Gill, Secretary.

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VI PERIODICALS - ARRANGED BY TITLE

1875

PERIODICALS - ARRANGED BY TITLE

L'Abeille; revue apicole. See L'Abeille et l'érable.

L'Abeille. Société de propagande d'apiculture rationnelle.

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1915; v. 26 (5. ser.), no. 3/4-7/8, Mar./Apr.-July/Aug. 1917; v. 27
(5 ser.), no. 1/2-2/3 (i. e., 1/2-3/4), Jan./Feb.-Mar./Apr. 1918;
v. 29 (5.ser.), Feb. 1920.

L'Abeille bourbonnaise.

For the following numbers see Société d'apiculture de la Gironde.
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Jan./Mar. 1925-Nov./Dec. 1928. 8. Joigny, 1925-28.
1925-1926 published quarterly.

Bulletin de la Société d'apiculture de la Bourgogne.
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For the following numbers see Société d'apiculture de la Gironde.
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Organe des apiculteurs et des fabricants de sucre d'érable de la
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8^o. New York, 1866.

Absorbed Feb. 1867 by American bee journal.

American bee journal. [Monthly] v. 1, Jan. - Dec., 1861; v. 2-68,
July 1866-Dec. 1928. illus. 8^o. (v. 6, 9, 18-26, 35, 66, 4^o;
v. 17, f^o.) Hamilton, Ill.; [etc., etc.] 1861-1928.

v. 17-47, no. 26, 1881-June 19, 1907 published weekly.

v. 1 was published Jan.-Dec. 1861; publication was suspended
from 1862 to June 1866; resumed in July, 1866 as v. 2.

v. 8, no. 12 is June 1873; v. 9, no. 1-6, July-Dec. 1873, complete
in 6 numbers.

Absorbed American bee gazette Feb. 1867.

v. 2, no. 8-12, Feb. 1867-June 1867 have title: The American bee
journal and gazette.

Wanting: t. -p. & index for v. 9 (if pub.); t. -p. for v. 62.

American bee-keeper. [Monthly] v. 1-18, Jan. 1891-Aug. 1908.
illus. 8^o. [Falconer, N. Y., 1891-1908]

Absorbed The rural bee-keeper Nov. 1906.

Ceased publication Aug. 1908.

Wanting: index for v. 18; t. -p., v. 1-18, except v. 10.

v. 13, p. 42-72 omitted in paging.

American honey producer. [Monthly] v. 1-2, no. 11, Mar. 1927-Dec. 1928/
Jan. 1929. 8^o. Laramie, Wyo., 1927-29.

Official publication of the American honey producers' league.

Supersedes The League bulletin.

Wanting: Index & t. -p., v. 1, Mar.-Dec. 1927.

American honey producers' league. The League bulletin. [Monthly]
v. 1-6, no. 6, Jan. 1920-Nov. 1926; v. 7, no. 1, Jan. 1927. illus.
8°. Fort Collins, Col. [etc.] 1920-27.

Superseded by the American honey producer. American honey pro-
ducers' league was reorganized 1926 with new constitution and by-laws.
New constitution contained in The League bulletin for Nov. 1926.

Published irregularly as follows: v. 1, no. 1, Jan. 1920 & v. 2,
no. 1, Mar. 1921 each in one number only; v. 3, no. 1-12, Nov. 1922-Dec.
1923; v. 4, no. 1-10, Jan.-Dec. 1924; v. 5, no. 1-10, Jan.-Dec. 1925;
v. 6, no. 1, Jan. 1926, v. 6, no. 2-4, Mar.-May/June 1926, v. 6, no.
5-6, Oct.-Nov. 1926.

Have also extra numbers as follows: v. 4, no. 2a, Mar. 1924; v. 6,
no. 2, not dated.

v. 6, no. 7 not published?

Annals of bee culture for 1869-70; 1872, a bee-keeper's year-book.
illus. 8°. Louisville, Ky., 1869-72.

Editor: D. L. Adair.

L'Ape italiana; periodico bimensile. v. 1-4, Feb. 15, 1867-Dec. 15,
1870. 8°. Verona, 1867-70.

Organo della Società d'apicoltura costituita in Verona.

Api-culture. [Monthly] v. 2, no. 10-11, Oct. 5-Nov. 5, 1912. illus.
8°. Gifu, 1912.

Added title and text in Japanese. Japanese title: Yoho.

Organ of the Japanese beekeepers' association.

Apiarist, a monthly journal published in the interests of apiculture.
v. 1, no. 2-4, Dec. 1905-Feb. 1906. 8°. Waco, Tex., 1905-06.

L'Apicoltore, periodico dell' Associazione centrale d'incoraggiamento
per l'apicoltura in Italia. [Monthly] v. 1-53, Jan. 1868-Nov./Dec.
1920. illus. 8°. Milano [1868-1919; Catania, 1920]

Jan. 1921 absorbed by L'Apicoltura italiana.

v. 53 (1920) has title: L'Apicoltore; rivista mensile delle
riviste d'apicoltura.

v. 1 is ed. 2.

v. 11-20, 2. ser.; v. 21-30, 3. ser.; v. 31-40, 4. ser.; 41-50,
5. ser.; v. 51-53, 6. ser. v. 42-44 ser. incorrectly numbered.

Wanting: t.-p., v. 51; v. 52, no. 9, 11-12, Sept., Nov.-Dec. 1919,
& index; v. 53, no. 4, & t. -p.

L'Apicoltore; rivista mensile delle riviste d'apicoltura. See
L'Apicoltore, periodico...

L'Apicoltore moderno; rivista mensile illustrata. v. 6-19, Jan. 1915-
Dec. 1928. illus. 8°. Torino, 1915-28.

Organo del Sindacato apistico nazionale e dell'Istituto di
apicoltura moderna.

v. 6-17, incomplete.

L'Apicoltura italiana... L'Apicoltore. [Monthly] v. 12-24, Jan./Feb. 1916-Dec. 1928. illus. 8°. Ancona, 1916-28.

Bollettino della Federazione apistica italiana (F. A. I.)

Organ of Associazione centrale d'incoraggiamento per l'apicoltura in Italia.

Jan. 1921, absorbed L'apicoltore. Previous to that date title was: L'Apicoltura italiana.

Wanting: v. 14, no. 3, Mar. 1918; v. 15, 1919, index; v. 17, no. 9-10, Sept.-Oct. 1921; title-pages and indexes for all volumes (if published)

L'Apiculteur. Bulletin mensuel de la Société centrale d'apiculture. v. 1-72, Oct. 1856-Dec. 1928. illus. 8°. Paris [1856]-1928.

Founded by H. Hamet.

v. 1-54, 1856-1910, t. -p. reads: L'Apiculteur, journal des cultivateurs d'abeilles, marchands de miel et de cire, mensuel; organe de la Société centrale d'apiculture et d'insectologie. Slight variations.

v. 14-19, Oct. 1869-Dec. 1875; v. 21-33, Jan. 1877-Dec. 1889 have binder's title: Apiculteur praticien.

v. 11-20 are ser. 2; v. 21-date are nouvelle ser.

v. 1-14 year begins in Oct. Nothing published Oct. 1870-Mar. 1871.

v. 15, begins with April 1871, contains 12 nos., with no months given.

v. 16, 1872-date year begins with Jan.

v. 34, no. 3, Mar. 1890-v. 48, 1904, include L'Insectologie agricole, which has separate index, and which formerly was published as separate publication with title: Bulletin d'insectologie agricole. v. 44, no. 2-v. 48 have title: Zoologie agricole.

v. 46-47, 1902-1903 contain Annuaire de la Fédération des sociétés françaises d'apiculture. 10. -12. session, 1901-1903.

v. 40, 1896 contains Catalogue de la bibliothèque de la Société centrale d'apiculture et d'insectologie. 78 p. 1896.

Wanting: t. -p. for v. 47, v. 55, v. 59-70.

----- Les tables de l'Apiculteur 1856-1896. (XL volumes) 228 p. 8°. Chartres, Impr. Garnier, 1900.

L'Apiculteur alsacien-lorrain. Der Elsass-Lothringische bienenzüchter.

[Monthly] v. 40, no. 11/12, Nov./Dec. 1912; v. 54-56, Jan. 1926-Dec. 1928. 8°. (v. 40, no. 11/12, 4°) Strasbourg, 1912-28.

v. 40, no. 11/12, has title: Elsass-Lothringischer bienenzüchter; bulletin de la Société d'apiculture d'Alsace-Lorraine. French and German.

Apiculteur praticien. See L'Apiculteur.

El Apicultor. [Monthly] v. 1, no. 1-5, Feb. 28-June 1, 1914. 4°. Ponce, P. R., 1914.

Editor: J. W. Van Leenhoff.

Organo de la Puerto Rico bee-keepers association, rama local de "The national bee-keepers association" de los Estados Unidos.

El Apicultor, periodico independiente consagrado à la propagación y defensa del cultivo de las abejas. [Monthly] v. 1-2, no. 17, 1904-May 1905. 4°. Barcelona [1904]-05.

v. 1-2 numbered consecutively.

Slight change of title.

Editor: M. P. Fábregues.

Wanting: index & t. -p. for v. 2.

La Apicultura española, revista mensual, consagrada à la propagación y defensa del cultivo de las abejas. v. 1, no. 1-6, July-Dec. 1907. 8°. Gerona, 1907.

Director: M. Pons Fábregues.

Apiculture. Sofia. See Pchela.

L'Apiculture française.

For the following numbers see Société d'apiculture de la Gironde.

Bulletin mensuel. v. 29 [no. 4], Apr. 1921; no. 7-8, July-Aug. 1921;

[no. 10], Oct. 1921.

L'Apiculture nouvelle; revue mensuelle illustrée. v. 1, no. 2-v. 4, no. 3, Feb. 15, 1906-Mar. 15, 1909. illus. 8°. Paris [1906-09]

Indépendante organe de plusieurs sociétés d'apiculture.

Tirée des Gleanings in bee culture.

Wanting: v. 1, no. 7, 10-12, July, Oct.-Dec. 1906; v. 2, no. 1, 7-8, 11-12, Jan., July-Aug., Nov.-Dec. 1907; v. 3, no. 1-2, 4-9, 11-12, Jan.-Feb., Apr.-Sept., Nov.-Dec., 1908; v. 4, no. 1-2, Jan.-Feb. 1909; indexes & title-pages for v. 1-4.

Apis club, Benson, Oxon, Eng. See The Bee world.

Archiv für bienenkunde. v. 1-9, 1919-1928. 8°. Freiburg im Breisgau [etc.] 1919-28.

8 nos. to a year. v. 6 covers years 1924 & 1925.

No index published for v. 1.

Asociación argentina criadores de aves, conejos y abejas. See Gaceta y granaja.

Associazione centrale d'incoraggiamento per l'apicoltura in Italia.

See L'Apicoltura italiana... Also L'Apicoltore, periodico, etc.

The Australasian beekeeper. A journal devoted to bees & honey, and the beekeepers' interests. [Monthly] v. 5-30, no. 6, July 15, 1903-

Dec. 1928. illus. 8°. West Maitland, N. S. W. [1903-28]

Absorbed Australian bee bulletin Oct. 1911.

Australian bee bulletin. A monthly journal devoted to bee-keeping.

v. 5-20, no. 7, Apr. 28, 1896-Oct. 1911. illus. 8°. West Maitland, N. S. W., 1897-1911.

Editor & publisher: E. Tipper.

Absorbed by The Australasian beekeeper Oct. 1911.

Wanting: index & t. -p. for v. 5; v. 6, no. 11-12; indexes & title-pages for v. 16-20.

- Aves, conejos y abejas. See Gaceta de granja.
- Badischer landesverein für bienenzucht. See Die Biene und ihre zucht.
- Bartnik postepowy. [Monthly?] v. 48-50, Jan. 1926-Dec. 1928. illus. 8°. [Lwów], 1926-28.
Organ Związku pszczelniczego i sekcji pszczelarskiej towarzystwa gospodarskiego we Lwowie.
Wanting: v. 48, no. 7-12, July-Dec. 1926; v. 49, no. 1, Jan. 1927; indexes for v. 48-49.
- Die Bayerische biene, bayerische bienenzeitung. [Monthly] v. 43-50, Jan. 1921-Dec. 1928. illus. 8°. [Nürnberg, etc.; 1921-28].
Hrsg. vom Landes-verein bayerischer bienenzüchter (E. V.)
v. 43-45, pt. 9, 1921-Sept. 1923 have title: Bayerische bienenzeitung, neue folge der Münchener bienenzeitung, Süddeutsche bienenzeitung.
Formed by the consolidation of "Die biene" früheres organ des Unterfränkischen kreisbienenzuchtervereins, "Bayerische bienenzeitung", neue folge der Münchener bienenzeitung, "Süddeutsche bienenzeitung".
pt. 9-10, v. 45, 1923 incorrectly paged.
Wanting: v. 44, 1922; index & t. -p. for v. 45, 1923 (if pub.)
- Bayerische bienenzeitung. See Die Bayerische biene, bayerische bienenzeitung.
- The Bee and poultry magazine. See Bee-keepers' magazine.
- Bee craft... [Monthly] v. 7-10 (whole no. 72-117), Jan. 1925-Dec. 1928. 8°. [Rochester, Kent, Eng., 1925-28]
Official journal of the Kent, Surrey, Hampshire and Gloucestershire bee-keepers associations.
- Bee culture world. [Monthly] 3d year, no. 7-8; July-Aug. 1911; 4th year, no. 1, Jan. 1912. (whole no. 31-32, 37) illus. 8°.
Okucho, Owari, Japan, 1911-12.
Japanese.
Japanese title: Yoho-kai.
Published by Nonogaki aniary, Okucho, Owari, Japan. (Nonogaki Yoho-en, Okumachi, Nakashima-gun, Aichiken)
- The Bee hive. [Trade paper] v. 3-6, Mar. 1925-Feb. 1929. 8°. Medina, Ohio, A. I. Root & co., 1925-29.
Published at intervals 4 times a year.
Formerly called Beedom.
Wanting: v. 3, no. 4 (if pub.)
- Bee-hive. Odessa. See Paseka.
- Bee-keepers' association for the province of Ontario. See Ontario bee-keepers' association.

- The Bee-keepers' exchange; a monthly magazine. v. 1-5, no. 7, Jan. 1879-July 1883. illus. 8°. Canajoharie, N. Y., 1879-83.
Ceased publication.
Wanting: index for v. 5 (if pub.); title pages for all vols.
- Bee-keepers' guide. [Monthly] v. 7-12, Jan. 1883-Dec. 1888; v. 15, no. 4-17, no. 4, Apr. 1891-Apr. 1893. 8°. Kendallville, Ind., 1883-93.
Wanting: v. 7, no. 12, Dec. 1883 & index; v. 9, no. 8, Aug. 1885; v. 11, no. 11, Nov. 1887; v. 15, no. 5, May 1891; v. 16, no. 5, 10, May, Oct. 1892; index for v. 17; t. -p. for set.
- The Bee-keepers' instructor. [Monthly] v. 1-4, no. 9, Jan. 1879-Sept. 1882. illus. 8°. Adelphi, O., & Somerset, Ky., 1879-82.
v. 1-3 paged consecutively.
Discontinued Sept. 1882.
Wanting: Index for v. 3-4; title-pages for all vols. (if pub.)
- Bee-keepers' magazine, an illustrated monthly devoted exclusively to bee culture. v. 2-15, Jan. 1874-Dec. 1887. illus. 8°. New York & Barrytown, N. Y., 1874-87.
Slight variations in sub-title.
v. 11 has title: The Bee and poultry magazine.
Wanting: v. 13, no. 2, Feb. 1885; v. 15, no. 10-11, Oct.-Nov. 1887; t. -p. for v. 2-3, 7-15.
- The Bee-keepers' record, a monthly journal of apiculture. v. 1-7, (no. 1-85), Dec. 1882-Jan. 1, 1890. 8°. Liverpool & London [1882-90]
After Jan. 1890, combined with Bee-keepers' advisor under title: Bee-keepers' record and advisor.
- The Bee-keepers' review. [Monthly] v. 1-41, Jan. 1888-Nov./Dec. 1928. illus., plates. 4°. Almont, Mich. [etc.] 1888-1928.
No issue v. 24, June 1911, double issue July, 1911, no. 6/7.
v. 30-34, no. 8, Jan. 1917-Aug. 1921 have title: Domestic bee-keeper.
v. 34, no. 2-37, no. 4, Feb. 1921-Apr. 1924 incorrectly numbered.
v. 25, no. 6, 1912-v. 30, no. 1, 1917, publication says that it is the Official organ of the National bee-keepers' association and its affiliated associations.
v. 25, 1912-v. 31, 1918 contain Annual reports of the National bee-keepers' association, 43d, 1912-49th, 1918.
Editor: W. Z. Hutchinson.
Wanting: indexes for v. 31-40; title-pages for all vols.
- The Bee world. [Monthly] v. 1-9, June 1919-Dec. 1928. illus. 4°. Benson; Oxon, Eng., 1919-28.
Published by the Apis Club.
v. 8, no. 12 is May/June 1927, v. 9, no. 1 is Jan. 1928.
Wanting: indexes & t. -p. for v. 7-8.
- Bee world. Rome, Ga. See Moon's bee world.

Beecause. [Trade paper] v. 1-7, Feb. 1922-1928. illus. 4°. Water-
town, Wis., G. B. Lewis co., 1922-28.

Strictly advertising journal.

Published irregularly as follows: v. 1-2, 6-7 each in 4 nos.; v. 4-5
each in 5 nos.; v. 3 in 6 nos. Set complete.

v. 2 incorrectly numbered.

Beedom. [Trade paper] v. 1, no. 1-11, Aug. 1918-June 1919. 8°. Medina,
Ohio, A. I. Root & co., 1918-19.

Later called The Bee hive.

The Beekeeper. [Monthly] v. 21, no. 3-v. 36, May 1913-Dec. 1928. illus.
4°. Peterboro, Ont., 1913-28.

Official organ of the Ontario beekeepers' association.

v. 21, no. 3-v. 29, no. 5, May 1913-May 1921 have title: Canadian
horticulturist and beekeeper, which was formed by consolidation of
the Canadian horticulturist and the Canadian bee journal to form a
second edition under the new title.

The first pages of v. 21, no. 3, May 1913-v. 23, no. 7, July 1915,
bear the volume numbering of the Canadian horticulturist.

May 1913 is numbered v. 1, no. 1; June 1913 is v. 21, no. 4; Oct.
1913 is v. 21, no. 10.

Parts of v. 23, 24, 28 incorrectly numbered. v. 29, no. 6, June
1921 omitted in numbering. Gap in paging, but nothing missing. v. 29
consists of no. 1-5, 7-9.

v. 29, no. 7-84, no. 2, July 1921-Mar. 1926 published bi-monthly.

Wanting: v. 28, no. 12, Dec. 1920; v. 34, no. 3, Apr. 1926 (if pub.)
v. 21, May-Sept. 1913; indexes & title-page for all vols.

Beekeepers' gazette. See Irish bee journal.

The Beekeepers' item. [Monthly] v. 1-12, Dec. 1916-Dec. 1928. illus.
4° (v. 1-4, f°) San Antonio, Tex. [etc.] 1916-28.

Mar. 1924 is v. 8, no. 3, Suspended publication Apr.-Aug. 1924.

Resumed in Sept. 1924. Jan. 1925 is v. 9, no. 1.

Wanting: Sept.-Dec. 1924; indexes & title-pages for all vols.

The Beekeeping annual & diary 1928. 12°. [London, etc., Wyman & sons
ltd., 1928]

Editor: Herbert Mace.

Bees and bee-hives. Sverdlovsk. See Pchela i paseka.

Bees and honey. [Monthly] v. 1, no. 5-2, no. 2, Mar.-June 1921; v. 2,
no. 6- v. 9, Feb. 1922-Dec. 1928. illus. 4° (v. 1, no. 5, 8°)
Seattle, Wash. [etc.] 1921-28.

Issued irregularly up to v. 2, no. 6, Feb. 1922. v. 1, no. 5-6
are Mar.-Apr. 1921. v. 2, contains nos. 1-6, May 1921-Feb. 1922.

v. 3 contains nos. 1-10, Mar.-Dec. 1922.

v. 3, no. 8-v. 4, Oct. 1922-Dec. 1923 have title: York's bees
and honey.

Wanting: indexes v. 1-3; title-pages for all vols.

Die Biene; organ der verbündeten bienen züchter vereine von Rhein-
hessen. See Die Biene; zeitschrift des Verbands der hessischen imker.

Die Biene (Organ des Unterfränkischen kreisbienenzüchtvereins. See
Die Bayerische Biene, bayerische bienenzeitung.

Die Biene; zeitschrift des Verbands der hessischen imker. [Monthly]
v. 38, no. 7-v. 53, no. 11, July 1901-Nov. 1915; v. 63-66, Jan.
1925-Dec. 1928. illus. 8°. Giessen, 1901-28.

v. 41 omitted in v. numbering.

Sub-title varies.

Wanting: v. 38, no. 8, Aug. 1901; v. 44, no. 12, Dec. 1906; v. 47-
48, 1909-1910; v. 49, 1911 all except no. 3; v. 50, 1912; v. 51, no.
1-2, Jan.-Feb. 1913; v. 52, no. 6, 12, June, Dec. 1914; v. 53, no.
8, Aug. 1915; indexes & title-pages for v. 44, 49, 52-53; t. -p. for
v. 63-64.

Die Biene und ihre zucht. [Monthly] v. 62-65, Jan. 1925-Dec. 1928.
illus. 8°. Karlsruhe, 1925-28.

Monatsblatt des Badischen landesvereins für bienenzucht.

Wanting: title-pages for all vols. (if pub.)

Der Bienen-garten. Beilage. See Deutsche illustrierte bienenzeitung.

Bienen- und obstbau-zeitung für Bayern. See Süddeutsche bienen zeitung.

Bienen-vater. Organ des Zentralvereines für bienenzucht in Österreich,
seiner zweigvereine, sowie der landesverbände in Vorarlberg, Mähren,
Steiermark und Kärnten, ferner der sektion für bienenzucht der K. K.
Landwirtschaftsgesellschaft Salzburg. [Monthly] v. 1-60, May 1, 1869-
Dec. 1928. 4°. Wien, 1869-1928.

Changes in sub-title.

Wanting: v. 6, 1874; v. 17-19, 1885-1887; indexes & title-pages
for v. 4-5, v. 7-8, 1872-73, 1875-76; index for v. 55; t. -p for v.
52-58 (if pub.), v. 35, no. 9, p. 233-4 & no. 12, p. 311-12, mutilated.

Der Bienen-vater aus Böhmen. Monatschrift für bienenzucht zugleich
Vereinsblatt des... Landesvereines zur hebung der bienenzucht Böhmens.
v. 27-28, no. 1, Jan. 1901-Jan. 1902. illus. 8°. Tetschen
[1901-02]

Oct. 1902 united with Der Deutsche imker aus Böhmen.

Bienen-zeitung; organ des Luxemburgischen landesverein für bienenzucht.
See Luxemburgische bienen-zeitung.

Bienen-zeitung; organ des Vereins der deutschen und österreichischen
bienenwirthe. [Semi-monthly] v. 12-55, Jan. 15, 1856-Dec. 1, 1899.
illus. 4°. (v. 54-55, 8°) Nördlingen [1856-99]

Changes in sub-title.

Wanting: v. 50, no. 14; v. 52, p. 165-6, no. 14, mutilated.

----- Die Bienen-zeitung; das organ des Vereins der deutschen bienenwirthe
in neuer, gesichteter und systematisch geordneter ausgabe; oder, Die
Dzierzon'sche theorie und praxis der rationellen bienenzucht nach ihrer
entwicklung und begründung in der Bienen-zeitung. 2 v. illus., plates.
8°. Nördlingen, 1861-62.

v. 1 is new ed.

Bienen-zeitung für Schleswig-Holstein. See Schleswig-Holsteinische
bienen-zeitung.

Die Bienenpflege; im auftrag des Württembergischen Landesvereins für
bienenzucht. [Monthly] v. 35-37, no. 11, Jan. 1913-Nov. 1915; v.
47-50 Jan. 1925-Dec. 1928. illus. 8°. Weinsberg [1913-28]
Wanting: v. 36, no. 6, 11-12, June, Nov. Dec. 1914; v. 37, no. 3,
7-8, Mar., July-Aug., 1915, index & t. -p.; title-pages for v. 47-48
(if pub.)

Bienenwirtschaftlicher centralverein der provinz Hannover. See Bienen-
wirtschaftliches zentralblatt.

Bienenwirtschaftlicher provinzialverein von Posen. See Posener bienenwirt.

Bienenwirtschaftliches zentralblatt. [Monthly] v. 31, no. 9, May 1,
1895; v. 37-51, no. 21, Jan. 1901-Nov. 1, 1915; v. 61-64, Jan. 15,
1925-Dec. 1928. illus. 8°. Hannover [1895-1928]
v. 31-51, 1895-1915, semi-monthly.

Organ des Deutschen bienenwirtschaftl. centralvereins und Organ
für den Bienenwirtschaftlichen centralverein der provinz Hannover, für
den Baltischen, Mecklenburger u. Oldenburger centralverein und für
viele einzelvereine.

1925-date, vereinsblatt der Verbände Hannover, Oldenburg, Lippe und
Braunschweig, und Organ der Zentralimkergenossenschaft Hannover.

Wanting: v. 38, no. 19, Oct. 1, 1902; v. 41, no. 4, Feb. 15, 1905;
v. 42, no. 22-24, Nov. 15-Dec. 15, 1906; v. 44, no. 13, July 1, 1908;
v. 45-47, 1909-1911; v. 48, no. 1, 8, Jan. 1, Apr. 15, 1912; v. 49,
no. 23-24, Dec. 1, 15, 1913; v. 50, no. 2, 7, 10-11, 15-24, Jan. 15,
Apr. 1, May 15, June 1, Aug. 1-Dec. 15, 1914; v. 51, no. 1-7, 9-15,
17, 19, Jan. 1-Apr. 1, May 1-Aug. 1, Sept. 1, Oct. 1, 1915; indexes
& t. -p. for v. 31, 1895; v. 42, 1906; v. 44, 1908; v. 49-51, 1913
15; t. -p. for v. 37-38, 41, 43, 1901-02, 1904, 1906.

Bienenzucht-verein der Rheinprovinz. See Rheinische bienenzeitung.

Bienenzuchter-verein in Wien. See Bienen-vater.

Bitidningen. [Monthly] v. 24-27, Jan. 1, 1925-Dec. 1, 1928. illus. 8°.
Huddinge, 1925-28.

Organ för Sveriges biolares riksförbund.

The Booster; a monthly journal devoted exclusively to the interests of
honey producers. v. 1, no. 2, July 1915; v. 1, no. 4-5 (i.e. 3-4)
Aug./Sept., Oct. 1915; v. 1, no. 7 (i.e. 6) Dec. 1915; Jan. 1916 (un-
numbered); v. 1, no. 7-10, 12, Feb.-May, July 1916; v. 2, no. 1, 3-10,
Aug. 1916, Oct. 1916-May, 1917; v. 2, no. 2, June 1917; v. 2, no. 3-4,
July 1917; v. 2, no. 5, Mar. 1918. f^o. (Feb. 1916-Mar. 1918, 8°) Red-
key, Ind., 1915-17.

v. 1, no. 5, never published (see note in Dec. 1915)

Volume numbering is irregular.

Brandenburg (Province) - Landwirtschaftskammer - Ausschuss für bienenzucht. See Märkische bienen-zeitung!

The British bee journal and bee-keepers' adviser. [Weekly] v. 1-56, May 1, 1873-Dec. 27, 1928 (whole no. 1-2427) illus. 4°. London [1873-1928]
v. 1-10, monthly; v. 11-13, fortnightly.
Minor changes in title.

Bulgarska pchelarska kooperatsiia "Nektar". See Pchela.

Bulletin d'apiculture des sections de Rethel et de Vouziers.
For the following numbers see Société d'apiculture de la Gironde.
Bulletin mensuel. v. 16, no. 4, Apr. 1912; v. 16, no. 7, July 1912.

Bulletin d'apiculture pour la Suisse romande. See Revue internationale d'apiculture.

Bulletin internationale d'apiculture. See Revue internationale d'apiculture.

The Busy bee, a monthly journal. v. 4-9, no. 9, Jan. 1893-Sept. 1898.
8°. York, Neb. & St. Joseph, Mo., 1893-98.
v. 4-6 have title: Nebraska bee-keeper.
v. 7 has title: Nebraska bee-keeper and irrigator, a monthly journal devoted to apiculture and irrigation.
Continued under title: Modern farmer and busy bee.
Wanting: v. 7, no. 9-v. 8, no. 4; indexes & t. -p. for set (if pub.)
v. 6 contains nos. 1-5, Jan.-May 1895, no. 6, Dec. 1895.

The Busy bee, an illustrated annual on scientific bee culture, 1873.
8°. Lavensville, Somerset co., Pa., 1873.
Editor: H. Herman Flick.

California state beekeepers association. See Western honey bee.

Canada. Experimental farms. Bee Division.
Reports, 1894-1927. 8°. Ottawa, 1895-1926.
Have also French edition of 1920/21.
1894-1913/14, the report of the apiarist came under the Division of entomology; 1914/15-1919/20, the Central and branch stations issued a combined report of the apiarist, under the Division of bees; 1920/21-1927, the Central station issued a Report of the Dominion apiarist, while the branch stations included their reports on bees, if any, in the report of each station.
No report of the apiarist 1906/07.
1894-1905, John Fixter, apiarist.
1923-28, G. B. Gooderham, Dominion apiarist.

Canadian bee journal. [Monthly] v. 1-9, no. 6; n. s., v. 1-21, no. 2, Apr. 1, 1885-Feb. 1913. illus. 8°. Becton & Brantford, Ont., 1885-1913.

Ceased publication with v. 21, no. 2, Feb. 1913. Incorporated with May 1913 issue of the Canadian horticulturist to form 2d edition, with title Canadian horticulturist and beekeeper, later The Beekeeper.

v. 1-5, no. 48 weekly; v. 5, no. 49-v. 9, no. 6, semi-monthly.

v. 5, no. 50-51 (whole no. 258-259) omitted in numbering, nothing wanting.

v. 5, no. 5-48, Apr. 24, 1889-Feb. 19, 1890 has supplement: Poultry weekly.

n. s. v. 3, no. 11-v. 5 incorrectly numbered; v. 7, Nov. 15, 1891 incorrectly marked no. 16, and incorrect numbering maintained; no t. -p. & index prepared for v. 21.

Wanting: v. 7, no. 6, June 15, v. 7, no. 16, Nov. 1, 1891 (whole no. 297) p. 689-704; v. 9, no. 7, July 1893 (whole no. 340); n. s., v. 1, no. 9, Mar. 1894; v. 2, no. 3, Sept. 1894; v. 3, no. 3, Sept. 1895; v. 3, no. 7, Jan. 1896; v. 4, no. 3, Sept. 1896; v. 5, no. 1, 6, July, Dec. 1897; v. 9, no. 4, Oct. 1901; indexes & t. -p. for v. 7-9, n.s., v. 1-7, 9-10, 12, 20-21; t. -p. for v. 1-4, 6, n.s., v. 8, 11, 13, 16-19.

Canadian horticulturist and beekeeper. See The Beekeeper.

Centre de renseignements du sud-ouest (France). See Revue générale d'apiculture.

Česky včelář. [Monthly] v. 59-62, Jan. 15, 1925-1928. illus. 8°. Praha, 1925-28.

Organ Zemeského ústředí i spolků včelářských pro Čechy.

Wanting v. 60, no. 1-7.

La Colmena; revista apícola. [Monthly] 2. ser., v. 4-7 (no. 32-79), Jan. 1925-Dec. 1928. illus. 8°. Madrid, 1925-28.

Organ of Sindicato nacional de apicultores.

Wanting: v. 7, Apr.-May, Aug. 1928 (no. 71-72, 75).

Cornell apis club. Papers presented before the Cornell apis club, fall semester 1924/25-1925/26. 4°. [Ithaca, N. Y., 1925]-26.

Consists of papers written by Dr. E. F. Phillips' students at Cornell university. Contains the following bibliographies. 1924/25: F. Huber, L. L. Langstroth, Moses Quinby, Charles Dadant, C. C. Miller, A. I. Root, Isaac Hopkins. 1925/26: Aristotie, Johannes Dzierzon, F. W. L. Sladen, A. J. Cook, G. M. Doolittle, J. S. Harbison. Mimeographed.

Die Deutsche Biene; monatschrift zur verbreitung deutscher rassezucht und fortschrittlicher imkertechnik. v. 6-9, Jan. 1925-Dec. 1928. illus. 8°. Fulda, 1925-28.

v. 6, no. 10-12 incorrectly numbered v. 7, no. 10-12.

v. 7, p. 161-180 omitted in pagination.

Wanting: v. 6, no. 2, Feb. 1925 (out of print); index & t. -p.

v. 6, 1925.

Die Deutsche bienenzucht in theorie und praxis. [Monthly] v. 9, no. 7-
v. 36, July 1901-Dec. 1928. illus. 8°. Weimar [etc.] 1901-28.
v. 31, no. 12, Dec. 1923 is Beilage zum Deutschen imker aus Böhmen.
Wanting: v. 10, no. 6, June 1902; v. 14, no. 9, 12, Sept., Dec.
1906; v. 19, no. 4, 7, Apr., July 1911; v. 20, no. 4, Apr. 1912; v. 21,
no. 8, Aug. 1913; v. 22, no. 4, 11, Apr., Nov. 1914; v. 23, no. 12-
v. 32, Dec. 1915- Dec. 1924; indexes & t. -p. for v. 14, 23.

Deutsche forst-zeitung. Beilage. See Des Försters Feierabende.

Deutsche illustrierte bienenzeitung. [Monthly] v. 1-45, Oct. 1883-Dec.
1928. illus. 8°. Leipzig [etc.] 1883-1928.

United with Deutscher bienenfreund, Imkerschule and Die Europäische
bienenzucht.

Wanting: v. 8-17; v. 19, no. 5-6, May-June 1902; v. 21, no. 8, Aug.
1904; v. 22, no. 1, Jan. 1905; v. 23-24, 1906-07; v. 25, no. 2, 4-end,
Feb., Apr-Dec. 1908, index & t. -p.; v. 26-41, 1909-1924; t. -p. for
v. 42-42 (if pub.)

----- Beilage. no. 5-11, 15. 8°. [Leipzig, 1925-26]

Paged consecutively (Roman nos.)

----- Der Bienen-garten. Beilage... [Mar. 1925]-Oct. 1926, 8°.

[Leipzig, 1925-26]

4 nos. to a year.

Der Deutsche imker. [Monthly] v. 5, no. 2-v. 41, Feb. 1892-Dec. 1928.
illus. 4°. Prag [1892]-1928.

Oct. 1902, absorbed Der Bienen-vater aus Böhmen.

Feb. 1892-Jan. 1916 have title: Der Deutsche imker aus Böhmen.

Organ des "Deutschen bienenwirtschaftlichen landes-zentralvereines
für Böhmen" und des "österreichisch-schlesischen landesvereines für
bienenzucht... Fortsetzung des "Bienen-vater aus Böhmen."

Beilage, Dec. 1923, is Die Deutsche bienenzucht in theorie und
praxis v. 31, no. 12.

Wanting: v. 5, no. 1, 11-12, Jan., Nov.-Dec. 1892; v. 6, no. 6, 8-
10, June, Aug.-Oct. 1893; v. 7-16, 1894-1903; v. 17, p. 32, 167, muti-
lated, 1904; v. 18, no. 5-6, May-June 1905; v. 20, no. 10, Oct. 1907;
v. 23, Nov. 1910, p. 337-344; v. 28, no. 3, 11-12, Mar., Nov.-Dec.
1915; v. 29, no. 2-v. 36, no. 9, Feb. 1916-Sept. 1923; v. 40, no. 2-
12, Feb.-Dec. 1927; indexes & t. -p. for v. 5, 19, 28, 29, 36.

Der Deutsche imker aus Böhmen. See Der Deutsche imker.

Deutscher bienenfreund. Zeitung für praktische bienenzucht. [Semi-month-
ly] v. 37, no. 13-v. 38, no. 12, July [1], 1901-June [15], 1902. illus
8°. Grimmitzschau [1901-02]

Absorbed by Deutsche illustrierte bienenzeitung.

Wanting: index & t. -p. for v. 38 (if pub.)

Deutscher bienenwirtschaftlicher centralverein. See Bienenwirtschaft-
liches centralblatt.

Deutscher bienenwirtschaftlicher landeszentralverein für Böhmen.
See Der Deutsche imker.

Dixie beekeeper. [Monthly] v. 1-10, no. 9, Apr. 1919-Dec. 1928. illus.
8°. Waycross, Ga., 1919-28.
Wanting: indexes & title-pages for set.

Domestic beekeeper. See The Bee-keepers' review.

Der Elsass-lothringische bienenzüchter. See L'Apiculteur alsacien-
lorrain.

Erlangen. Königliche anstalt für bienenzucht. See Erlanger jahrbuch für
bienenkunde.

Erlangen. Landesanstalt für bienenzucht. See Erlanger jahrbuch für
bienenkunde.

Erlanger jahrbuch für bienenkunde. v. 1-6. illus. 8°. Freiburg im
Breisgau, 1923-28.
v. 3 in 2 pts.
Editor: Enoch Zander
At head of title: Landesanstalt für bienenzucht in Erlangen.

Die Europäische bienenzucht, auf amerikanischer grundlage. [Monthly]
v. 1, no. 8-v. 2, no. 8, Aug. 1, 1906-Aug. 1, 1907. illus. 8°.
[Kreuzlingen, etc., 1906-07]
Absorbed by Deutsche illustrierte bienenzeitung.
Wanting: index & t. -p. for v. 2.

Experimental apiary. Tula. See Opytnaia paseka.

Fédération des sociétés françaises d'apiculture. Annuaire. 10th-12th
session, 1901-1903. (In L'Apiculteur. v. 46-47, 1902-03)

Federazione apistica italiana. See L'Apicoltura italiana... l'apicoltore.

Fishers imker-kalender... 3. year, 1925. illus. 8°. Freiburg im
Breisgau, 1924.
Contains list of bee journals throughout the world.

Des Försters feierabende; mitteilungen aus dem gebiete der landwirtschaft,
des gartenbaues, der hauswirtschaft, der fischerei und der bienenzucht.
[v. 17-28], Jan. 7, 1912-Aug. 19, 1923. illus. 4°. Neudamm, 1912-23.
Beilage zur Deutschen forst-zeitung. Issued weekly except one week
each month when Forstliche rundschau appears.
Ceased publication as a separate beilage with 1923?
Continued as a section in Deutsche forstzeitung, June 27, 1924-date.
Wanting: 1916, no. 14-29, 33-34, 36-37, 39-end; 1917, no. 1-10,
12-13, 19-end; 1918, no. 41 (if pub.); 1919, no. 5, 11-end; 1920, no. 2,
11-end; 1921, no. 40-end; 1922, no. 21-22, 24-33, 36, 41 (if pub.);
1923, no. 22, 27-end; indexes & title-pages for 1916-1923.

Friend of bee-keepers. [Monthly] v. 1, no. 1, 3-4; June 1, Aug. 1-Sept. 1, 1909; v. 2, no. 1; Jan. 1, 1910; v. 3, no. 8, Aug. 1911. illus. 8°. [Gifu] 1910-11.

Added title and text in Japanese.

Japanese title: Yoho no Tomo.

Organ of the Japanese beekeepers' association.

Have also a special number entirely in Japanese.

Gaceta de granja. [Monthly] v. 1, no. 4-v. 8, no. 85, June 1919-Aug. 1926. illus. 4°. Buenos Aires, 1919-26.

Organo oficial de la Asociación argentina criadores de aves, conejos y abejas. v. 1, no. 4-v. 5, no. 57, have title: Aves, conejos y abejas.

v. 3, Mar.-Dec. 1921 contains nos. 25-34; v. 4, Jan./Feb. 1922-Feb. 1923 contains nos. 35/36-48; v. 5, Mar./Apr.-Dec. 1923 contains nos. 49/50-57.

Wanting: v. 6, no. 58-v. 8, no. 83, Jan. 1924-June 1926; indexes & title-pages for set (if pub.)

La Gazette apicole; revue technique de l'apiculteur moderne. [Monthly] v. 26-29 (whole nos. 242-289), Jan. 1925-Dec. 1928. illus. 8°. Montfavet (Vaucluse) 1925-28.

Wanting: title-pages for set (if pub.)

Gleanings in bee culture. [Monthly] v. 1-56, Jan. 1873-Dec. 1928. 8°. Medina, O., 1873-1928.

v. 1-11, no. 9 published monthly; v. 11, no. 10-v. 44, semi-monthly.

Wanting: v. 3, no. 6, June 1875 & index for v. 3; title-pages for set (if pub.).

Gleanings in bee culture. See also L'Apiculture nouvelle.

Guatemala. Dirección general de agricultura.

Boletín de agricultura y caminos de Guatemala. [Monthly] v. 1-7, Jan. 1921-Dec. 1928. illus. 4°. (v. 2, 8°) [Guatemala, 1921-28]

v. 1, no. 1-5, Jan. 1921-Feb. 1922 published quarterly.

v. 1-5 have title: Boletín de agricultura, industria y comercio de Guatemala. Organo de la secretaría de agricultura.

Sección de apicultura (In v. 1, no. 1, 2, 3, 4, 9, 11; v. 2, no. 10)

La apicultura y su historia. Raf. Stricker A. v. 2, no. 1, p. 30-34.

Flore melífera en Guatemala. R. S. A. v. 2, no. 7, p. 293-94.

L'apicultura en alta Verapaz, Arturo Morales C. v. 3, no. 6, p. 208-12.

Las abejas y la medicina. Perret-Maisonneuve. v. 4; no. 1, p. 30-36.

Como se blanquea la cera. (Tomado del Cultivador moderno) v. 4, no. 6, p. 190-191.

El desarrollo de la apicultura en Guatemala. v. 5, no. 2, p. 61.

Algunos datos interesantes acerca de la utilización de la miel de abejas. Fragmento. Luis de Recasens. v. 5, no. 8, p. 247-248.

The hummer; a semi-monthly published on the 5th & 20th of each month.

[Trade paper] v. 4, no. 9, May 5, 1921. 8°. Medina, O., A. I. Root & co., 1921.

Illustrierte monatsblätter für bienenzucht. v. 6, no. 12-v. 16, no. 1,
Dec. 1, 1906-Jan. 1, 1916; v. 26-28, Jan. 5, 1926-Dec. 1928. illus.
8°. Wien [etc.] 1906-28.

Wanting: v. 7, no. 4, Apr. 1907 (mutilated); v. 8, no. 1, 8, Jan.,
Aug. 1908; v. 9, no. 3, 7, Mar., July 1909; v. 10, no. 4, 8, Apr.,
Aug. 1910; v. 11, no. 6, 11, June, Nov. 1911; v. 12, no. 7, 10,
July, Oct. 1912; v. 14, no. 8, 11, Aug., Nov. 1914; index & t. -p.
for v. 16.

Der Imker; illustrierte fachzeitschrift für bienenzüchter. v. 3, no. 2,
Feb. 1913. illus. 8°. [München-Gladbach, 1913]

Imker-zeitung; allgemeine zeitung für die interessen der bienenzucht.

[Monthly] v. 9, no. 9-v. 11, no. 8/9, Sept. 15, 1912-Aug./Sept.

1914. illus. 8°. (v. 9-10, 4°) Ushofen, Wttbg., 1912-14.

Wanting: v. 10, no. 10, Oct. 1913; indexes & t. -p. for v. 9-11.

Imperatorskoe obshchestvo sel'skago khoziaistva iuzhnoi Rossii -
Komitet pchelovodstva.

Listok' pchelovoda. 1909, no. 1; 1911, no. 1; 1912, no. 2-3, 10-12;
1913, no. 1, 5, 7-8. 8°. [Odessa, 1909-13]

Apicultural leaflets, published by the Apicultural committee of
the Imperial agricultural society of southern Russia.

L'Intermédiaire des bombyculteurs & entomologistes. Revue mensuelle de
vulgarisation universelle: Sciences, apiculture, aviculture, médecine,
littérature, etc. v. 1, no. 12-v. 5, no. 49 (whole no. 12-49), Dec.
1901-Feb. 1905. 8°. Chamérac [1901-05] No more published.

Wanting: v. 2, no. 18-23, June-Nov. 1902; v. 3, no. 25, Jan. 1903;
v. 3, no. 28, Apr. 1903; v. 3, no. 30-36, June-Dec. 1903; v. 4, no.
38-40, Feb.-Apr. 1904; v. 4, no. 42-47, June-Nov. 1904; index for v.
3, 1903; title-pages for all volumes (if published)

International American bee association. See North American bee-keepers'
association.

Irish bee journal. [Monthly] v. 7, no. 16- v. 28, Oct. 1907-Dec. 1928.
8°. Lough Rynn, 1907-28.

Official organ of the Irish beekeepers' association and its
affiliated associations.

v. 12, no. 11- v. 16, no. 6 have title: The Beekeepers' gazette.

v. 9 ends with no. 8; Dec. 1909.

v. 16, no. 5, May 1916 destroyed in press by Dublin riots.

v. 27, 1927 has only 10 nos. Feb. & Mar. omitted.

Wanting: v. 21, no. 4, 8, Apr., Aug. 1921; v. 22, no. 2, Feb. 1922;

v. 24, no. 5, May 1924; v. 28, no. 8, Aug. 1928.

Irish beekeepers' association. See Irish bee journal.

Istituto de apicoltura moderno (Torino) See L'Apicoltore moderno.

- Izmailovskaia opytnaia paseka. See Pchelovod-praktik. Also Pchelovodnoe delo.
- Japanese bee journal. [Monthly] Sept. 1912; Dec. 1913; Aug.-Oct. 1914. illus. 8°. [Nagoya, Japan, 1912-14]
Japanese.
Japanese title: Nippon yoho zasshi.
Published by the Okushima apiary, Nagaheicho, Nagoya, Japan.
- Japanese beekeepers' association. See Api-culture. Also Friend of beekeepers.
- Kalender für deutsche bienenfreunde. v. 23, 1910. illus. 8°. Leipzig, 1910.
Compiler: Oscar Krancher.
- Landes-verein bayerischer bienenzüchter (E. V.) See Die Bayerische biene, bayerische bienenzeitung.
- Landesverband der bienenzüchtervereine Salzburgs. See Salzburger imkerbote.
- Landesverein zur hebung der bienenzucht Böhmens. See Der Bienen-vater aus Böhmen.
- Leipziger bienen-zeitung. [Monthly] v. 8-43, Jan. 1893-Dec. 1928. illus. 8°. Leipzig, 1893-1928.
Wanting: v. 8, no. 7 and t. -p.; v. 9-10; v. 11, no. 1-5, 7-9, 11-12; v. 12, no. 12; v. 23, no. 10-12; index & t. -p. for v. 11-12, 23, 38; Beilage bound with set.
- Lewis, G. B., company. [Mimeographed bulletin. Monthly] v. 1, no. 2-6, Aug. 15-Dec. 1922; v. 2, no. 1-10, Jan.-Oct. 1923; v. 3, no. 1, Jan., no. 3, Mar., no. 8, Aug., no. 10-11, Oct. -Nov. 1924; v. 4, no. 1-7, Jan.-July 1925; v. 5, no. 1-11, Feb.-Dec. 1926; v. 6, no. 1-10, Jan.-Oct., no. 12, Dec. 1927; v. 8, no. 1-8, Jan.-Oct. 1928. 4°.
[Watertown, Wis. 1922-28]
- Lewis, G. B., company. See also Beecause [Trade paper]
- Luxemburgische bienen-zeitung. [Monthly] v. 14-43, Jan. 1899-Dec. 1928. illus. 8°. Grevenmacher, 1899-1928.
v. 20-43 have title: Bienen-zeitung; organ des luxemburgischen landesverein für bienenzucht.
Wanting: v. 16, 1901; v. 30-32, 1915-17. The following volumes are incomplete: v. 14, 17, 20-24, 26, 33-35, 38-40.
- Maandschrift voor bijenteelt. See Vereeniging ter bevordering ter bijenteelt in Nederland.
- Märkische bienen-zeitung. [Monthly] v. 2, no. 1, Jan. 1, 1912; v. 15-18, Jan. 1925-Dec. 1928. illus. 8°. Potsdam [1912-28]
Antliches organ des Ausschusses für bienenzucht der landwirtschaftskammer für die provinz Brandenburg und der diesen angeschlossenen bienenzuchtvereine.

Mecklenburger landesverein für bienenzucht. See Uns immen.

Mein bienenmütterchen im sonnenschein der liebe und des humore. [Monthly] v. [1]-7, 1922-1928. illus. 8°. [Waldhofen a. d. U., 1922-28]
Editor: Guido Sklenar.

Verbandszeitung der "Österreichischen Königinzuchtervereinigung".
v. 1 consists of 8 nos. issued in one.

Wanting: v. 6, no. 2, Feb. 1927; index & t. -p. for v. 4; t. -p. for v. 2-3, 5.

Miechów, Poland. Stacja doświadczalna pszczelnicza. See Sad i pasieka.

Modern farmer and Busy bee. [Monthly] v. 11, no. 17-v. 21, no. 8, Sept. 1, 1900-Aug. 1, 1910. 4°. (v. 11, no. 17-22, f°.) St. Joseph, Mo., 1900-10.

v. 11 published semi-monthly.

Continuation of the Busy bee.

In Dec. 1902? absorbed "Poultry, bee and fruit journal".

Wanting: v. 11, all except no. 17-22; v. 21, no. 4; indexes & title-pages for all volumes (if pub.)

Moon's bee world. [Monthly] v. 1-4, no. 1, Nov. 1873-Jan. 1877. 8°. Rome, Ga., 1873-77.

Running title: v. 1, no. 9-v. 4, no. 1: Bee world.

Dec. 1873 & Dec. 1876 none published.

No information as to whether more were published.

Wanting: indexes v. 2-4; title-pages for all volumes (if pub.)

Moscow. Obshchestvo sel'skogo khoziaistva. See Pchelovód-praktik.
Also Pchelovodnoe delo.

Münchener bienenzeitung. See Die Bayerische biene, bayerische bienenzeitung.

Nahhla l'abeille. Bulletin de la Société des apiculteurs algériens. 1912. 8°. [n. p. 1912]

Also for the following number see Société d'apiculture de la Gironde. Bulletin mensuel. v. 30 (5. ser.), no. 5, May 1923.

National bee journal. [Monthly] v. 2, no. 15/16, Oct. 15/Nov. 1, 1871; v. 3-5, no. 7, Jan. 1872-July 1874. illus. 8°. Indianapolis, 1871-74.

v. 2, no. 15/16, v. 3, no. 1-11, semi-monthly.

v. 4 consists of no. 1-6, Jan.-June, no. 7, Aug., no. 8, Oct., no. 11-12, Nov.-Dec. 1873.

v. 5, no. 7, incorrectly marked v. 6, no. 7.

Wanting: indexes and title-pages for all volumes (if pub.)

National bee-keepers' association. Annual report, 32d, 34th-49th, 1901, 1903-1918. illus. 8°. Platteville, Wis. [etc.] 1901-18.

Minor variations in title.

43d to 49th contained in Bee-keepers' review. Association disbanded at their meeting Mar. 1920, and its place taken by the American honey producers league whose first meeting was held Jan. 1920.

- National bee-keepers' association. Souvenir. See Working, D.
Bees in Colorado, in author list.
- National beekeepers' association of New Zealand. Annual conference...
6th-7th, 1919-1920. illus. 8°. [Dunedin, 1919-20] (Supplement
to New Zealand beekeepers' journal, v. 3-4).
- National beekeepers' association of New Zealand. See New Zealand bee-
keepers' journal. Also New Zealand fruitgrower and apiarist.
- Nebraska bee-keeper. See The Busy bee.
- Nebraska bee-keeper and irrigator. See The Busy bee.
- Netherlands. Vereeniging ter bevordering der bijenteelt in Nederland.
See Vereeniging ter bevordering ter bijenteelt in Nederland.
- Neue bienen-zeitung. [Monthly] v. 3-14, no. 11, Jan. 1904-Dec. 1915;
v. 25-27, Jan. 1926-Dec. 1928. illus. 8°. Marbach-bei-Marburg,
1904-28.
Wanting: v. 4, no. 1, 1905; v. 6, no. 8, 1907; v. 8, 1909; v. 9,
no. 1-7, 9-12, Jan.-July, Sept.-Dec. 1910; v. 10-11, 1911-1912;
v. 12, no. 1-2, Jan.-Feb. 1913; v. 13, no. 6, June 1914; indexes &
title-pages for v. 3, 8-11, 14.
- Neues schlesisches imkerblatt; allgemeines organ für die ostdeutschen
bienenzüchter. [Monthly] v. 12-14, no. 11, Jan. 1913-Nov. 1915.
8°. Breslau, 1913-15.
Wanting: v. 12, no. 2, 6, Feb., June 1913; indexes & t. -p. v. 13-
14.
- New Zealand beekeepers' journal. [Monthly] v. [1], no. 31-v. 6, no. 1,
Jan. 23, 1917-Jan. 2, 1922. 8°. [Dunedin, 1917-22]
Official organ of the National beekeepers' association of N.Z.
Absorbed by the New Zealand fruitgrower under title: New Zealand
fruitgrower and apiarist Oct? 1922.
v. 1 contains nos. 31-42, Jan.-Dec. 1917.
Wanting: v. 1, no. 34, Apr. 1917; v. 2, no. 8, 10, Aug., Oct. 1918;
indexes for v. 1-2, 5-6; title-pages for all volumes (if pub.)
- New Zealand fruitgrower and apiarist. [Monthly] v. 5, no. 2-v. 11, no.
3, Nov. 16, 1922-Dec. 1928. illus. 4°. Auckland, N. Z., 1922-28.
Official organ of the New Zealand fruit growers' federation, ltd.,
the New Zealand association of nurserymen, the National beekeepers'
association of New Zealand.
v. 9, no. 10, July 16, 1927-date have title: New Zealand smallholder.
Wanting: v. 6, no. 7, Apr. 1924; v. 7, no. 3, Dec. 1924; v. 8, no.
8, May 1926.
- Nippon yoho zasshi. See Japanese bee journal.
- Nonogaki apiary, Okucho Owari, Japan. See Bee culture world.

The North American bee journal. monthly. v. 1, no. 1-9, Aug. 1872-
May 1873. 8°. [Indianapolis, 1872-73]
Dec. 1872 nothing published.
Wanting: v. 1, no. 2, Sept. 1872, v. 1, no. 8, Apr. 1873 & index &
t. -p. (if pub.)

North American bee-keepers' association. Report of the proceedings of
the annual convention, 16th-18th, 20th-24th, 1885-1887, 1889-1893.
illus. 8°. Chicago [1886-94]

16th, 1885, title reads: Brief history of the North American bee-
keepers' society with a digest of its annual conventions from 1870
to 1884 and a full report of the Proceedings of the 16th annual con-
vention.

20th, 1889 title reads: Report of the 20th annual convention of
the International American bee-association.

Odessa. Obshchestvo sel'skogo khoziaistva - Sektsiia pchelovodstva i
shelkovodstva. See Paseka.

Okushima apiary, Nagasheicho, Nagoya, Japan. See Japanese bee journal.

Ontario bee-keepers' association. Annual report. [10th]-48th, 1889-1927.
illus., ports. 8°. Toronto, 1889-1928.

Full title of report for 1891: Annual report of the Bee-keepers'
association for the province of Ontario.

Reports for 1893-date published by the Ontario Department of agri-
culture, Toronto.

For reports 1889-90 see Ontario. Dept. of agriculture. Annual
reports.

Reports 1891-1927 also issued in the Annual report of the Depart-
ment of agriculture of the province of Ontario, and the Sessional
papers... of the province of Ontario.

Ontario bee-keepers' association. See also The Beekeeper.

Opytnaia paseka. [Monthly] v. [1-3], Jan. 1926-Dec. 1928. illus. 4°.
[Tula] 1926-28.

"Experimental apiary".

Österreichischen königinzüchtervereinigung. See Mein bienenmütterchen
im sonnenschein der liebe und des humore.

Österreichischer schlesischer landesverein für bienenzucht. See Der
Deutsche imker.

Ostpreussischer provinzialverband für bienenzucht. See Preussische
bienen-zeitung.

Pacific bee journal. [Monthly] v. 1-5, no. 11, Jan. 1896-Nov. 1902.
illus. 8°. Los Angeles [1896-1902]

v. 1 published quarterly.

Wanting: v. 3, no. 5-end, May-Dec. 1898; v. 4 all except no. 3,
Aug., no. 6, Nov. 1901; v. 5, no. 1-5, Jan.-May 1902; indexes & title-
pages for all volumes (if pub.)

- Pacific States bee journal, published monthly in the interest of honey producers. v. 1, no. 1-8, Nov. 1903-June 1904. illus. 8^o.
Tulare, Calif. [1903-04].
Sub-title varies.
May 1, 1904 absorbed the Rocky Mountain bee journal.
July 1904 continued as The Western bee journal.
Wanting: index & t. -p. (if pub.)
- Paseka. [Monthly] v. 3, no. 1-v. 4, no. 1, Jan. 1928-Oct. 1928. 4^o.
Odessa, 1928.
Bee-hive.
Wanting: v. 3, no. 2, Feb. 1928; v. 3, no. 7-8? July-Sept. 1928.
- Pchela. [Monthly] v. 20, no. 1-21, Jan. 1927-Nov./Dec. 1928. 8^o.
Sofia, 1927-28.
Apiculture.
Organ na Bulgarskata pchelarska kooperatsiia "Nektar".
- Pchela i paseka. [Monthly] v. 3, no. 1-v.2, no. 10, May 1927-Oct. 1928.
illus. 4^o. [Sverdlovsk] 1927-28.
Bees and bee-hives.
- Pchelovod-praktik. [Monthly] v. 1-2, Jan. 1926-Dec. 1927. illus. 4^o.
Moskva, 1926-27.
Practical apiculture.
Wanting: v. 3, 1928; t. -p. for v. 1 (if pub.)
- Pchelovodnoe delo. [Monthly] v. 5-7 (whole no. 33-66), Jan. 1925-Dec. 1927. illus. 4^o. Moskva, 1925-27.
Wanting: v. 5, no. 3, Mar. 1925 (out of print); v. 8, 1928; title-pages for all volumes (if pub.)
- Pfälzer bienenzeitung; organ der vereinigten Pfälzer bienenzuchtvereine, sowie der Vereine Grumbach, Nahetal-Coonwald, Meisenheim, Niederbrombach und Nohfelden. [Monthly] v. 42-56, no. 11, Jan. 1901-Nov. 1915; v. 66-69, Jan./Feb. 1925-Dec. 1928. illus. 8.
Kusel [etc.] 1901-28.
Sub-title varies.
Wanting: v. 43, no. 11-12, Nov.-Dec. 1902; v. 44, no. 7, July 1903; v. 46, no. 8, Aug. 1905; v. 48, no. 9, Sept. 1907; v. 49, no. 10, Oct. 1908; v. 50-53, no. 10, Jan. 1909-Oct. 1912; v. 55, no. 5, May 1914; indexes & title-pages for v. 43, 56; title-pages for v. 42, 44-49, 54, 66.
- Pommerscher ratgeber für bienenkunde. [Monthly] v. 12, no. 12, Dec. 1912; v. 25-28, 1925-1928. 8^o. Anklam [1912-28]
Verbandsblatt des Pommerschen Imkerverbandes und vieler einzelvereine im Deutschen Reich.
Wanting: v. 25, no. 1-2, 5 (out of print); v. 26, no. 1, Jan. 1926 (out of print); index & t. -p. for v. 12.

- Posener bienenwirt. [Monthly] v. 7-9, no. 9, Jan. 1913-Sept. 1915.
 illus. 8°. Lissa (Prussia) 1913-15.
 Zeitschrift des Bienenwirtschaftlichen Provinzialvereins von Posen.
 Wanting: v. 8, no. 2, 4, 7-9, 11-12; v. 9, no. 1, 7; indexes &
 title-pages, for v. 8-9.
- Poultry, bee and fruit journal. v. 3, no. 7-12; v. 4, no. 1-2, Apr. 16,
 1902-Nov. 16, 1902. illus. 4°. Davenport, Ia., 1902.
 In Dec. 1902 was consolidated with "Modern Farmer and Busy bee."
 Wanting: indexes & title-pages (if pub.)
- Practical apiculture. Moskva. See Pchelovod-praktik.
- De Practische imker. [Monthly] v. 21-22, Jan. 1927-Dec. 1928. illus.
 4°. Dinxperlo, 1927-28.
 Wanting: title-pages (if pub.)
- Praktischer wegweiser für bienenzüchter. [Monthly] v. 9, no. 24-v. 20,
 no. 11, Dec. 15, 1904-Nov. 1, 1915; v. 31-34, Jan. 1925-Dec. 1, 1928.
 illus. 8°. Wolfenbüttel [etc.] 1904-28.
 Semi-monthly 1904-14; Apr.-June 1925.
 Wanting: v. 10, 1905; v. 11, no. 1-20, 22-23, Jan. 1-Oct. 15, Nov.
 15-Dec. 1, 1906; v. 12, no. 8, 11, 13-14, no. 15 (mutilated) 21-24,
 Apr. 15, June 1, July 1-15, Nov. 1-Dec. 15, 1907; v. 13, no. 1-2, 8-9,
 15-16, 18, 23, Jan. 1-15, Apr. 15, May 1, Aug. 1-15, Sept. 15, Dec. 1,
 1908; v. 14, no. 1, Jan. 1, 1909; v. 15, no. 16, Aug. 15, 1910; v. 17,
 no. 1, 3, 6-7, 11, 13-end, Jan. 1, Feb. 1, Mar. 15, Apr. 1, June 1,
 July 1-Dec. 15, 1912; v. 18, no. 9, 12-24, May 1, June 15-Dec. 15, 1913;
 v. 19, no. 1-7, 10, 18/19, Jan. 1-Apr. 1, May 15, Oct. 1/15, 1914; v.
 20, no. 4, 12, Apr., Dec. 1915; indexes & title-pages for v. 10, 12-13,
 18, 20.
- Preussische bienen-zeitung. [Monthly] v. 70-73, Jan. 1925-Dec. 1928.
 8°. Mohrungen, Ostpr., 1925-28.
 Vereinsblatt des Ostpreussischen Provinzialverbandes, und der
 Zentralvereine für bienenzucht in den regierungsbezirken Königsberg,
 Gumbinnen, Allenstein und Westpreussen-Ost.
- Progressive bee-keeper. [Monthly] v. 5-11, no. 8; [n. s.] v. 9, no. 9-
 v. 14, no. 3, Jan. 1895-Mar. 1906. illus. 8°. Higginsville, Mo.
 [1892-1906]
 1901, Jan.-Aug. are v. 11, no. 1-8; Sept.-Dec. are [n. s.] v. 9,
 no. 9-12.
 Ceased publication Mar. 1906.
 Wanting: v. 5, no. 3, 10, Mar., Oct. 1895; v. 6, no. 1-2, Jan.-Feb.
 1896; v. 8, no. 6, June 1898; v. 10, no. 12, Dec. 1900.
- Pszczelnictwo polskie. [Monthly] v. 3-4, Jan. 1927-Dec. 1928. illus.
 8°. Warszawa [1927-28]
 Organ Naczelnego związku towarzystw pszczelniczych rzeczypospolitej
 polskiej.
- Puerto Rico bee-keepers association. See El Apicultor.

Queen breeders journal. Published monthly by E. L. Pratt. v. 1, no. 3, Mar. 1889. 8°. Marlboro, Mass., 1889.

Revista brasileira de apicultura. [Monthly] v. 1-2, no. 4/5, Aug. 1922-Apr./May 1923. 8°. [Rio de Janeiro] 1922-23.
Órgão oficial da Sociedade brasileira de apicultura.
v. 1 contains no. 1-3/4 (i. e. 4/5), Aug.-Nov./Dec.
Wanting: indexes & title-pages for all volumes (if pub.)

Revista de apicultura. [Monthly] v. 1, no. 2-v. 5, no. 58, Apr. 1924-Dec. 1928. illus. 8°. Buenos Aires, 1924-28.
Wanting: v. 3, no. 32-v. 4, no. 46, Oct. 1926-Dec. 1927. Index for v. 3-4 1926-27; title-pages for all volumes (if pub.)

Revue éclectique d'apiculture. [Monthly] [Saint-Maixent (Deux-Sèvres)]
For the following numbers see Société d'apiculture de la Gironde.
Bulletin mensuel. v. 2, no. 7-v. 8, no. 8, Sept. 1895-Aug. 1901;
v. 8, no. 10-12, Oct.-Dec. 1901; v. 9, no. [1]-2-[3-6]-7-10-[11-12]
Jan.-Dec. 1902; v. 10, no. 1-2, 4, Jan.-Feb., Apr. 1903; v. 10, no. 6-v. 11, no. 3, June 1903-Mar. 1904; v. 11, no. 5-v. 13, no. 3, May 1904 Mar. 1906; v. 13, no. 5-v. 17, no. 12, May 1906-Dec. 1910; v. 18, no. 3-[4], Mar.-Apr. 1911; v. 18, no. 6, 8-9, 12, June, Aug. Sept., Dec. 1911; v. 19, no. 1-3, 6, 9, Jan.-Mar., June, Sept. 1912; v. 20, no. 1-3, 6-8, 11, Jan.-Mar., June-Aug., Nov. 1913; v. 21, no. 1-2, 4-5, 7-9, Jan.-Feb., Apr.-May, July-Sept./Oct. 1914; v. 22, no. 1, 3-5, Jan./Feb. 1915, May/June-Sept./Oct. 1915; v. 24, no. 1-3, [6], Jan./Feb.-May/June, Nov./Dec. 1916; v. 25, no. 1, 11/12, Jan./Feb. 1917, Nov./Dec. 1917; v. 26, no. 5/6-11/12, May/June-Nov./Dec. 1918; v. 27, no. 1-3, [8], Jan.-Mar., Aug. 1919.
v. 23 omitted in numbering.

Revue internationale d'apiculture. [Monthly] v. 1-25, Jan. 1879-Dec. 1903. illus. 8°. Nyon, Switzerland, 1879-1903.
Ceased publication Dec. 1903. Succeeded by Société romande d'apiculture.

Éditeur: Edouard Bertrand.

v. 1-6 have title: Bulletin d'apiculture pour la Suisse romande.

v. 7-8 have title: Bulletin d'apiculture pour la Suisse romande.

Revue internationale d'apiculture.

Wanting: v. 18, no. 11; v. 21, no. 6-7; t. -p. for v. 1.

Rheinische bienenzeitung. [Monthly] v. 64-66, no. 9, Jan. 1913-Sept. 1915; v. 76-79, Jan. 1925-Dec. 1928. illus. 8°. Viersen [etc.] 1913-28.

Hrsg. von dem Bienenzuchtverein der Rheinprovinz.

Wanting: v. 65, no. 1, 8, 12, Jan., Aug., Dec. 1914; v. 66, no. 7, July 1915; indexes & t. -p. for v. 65-66.

- The Rocky Mountain bee journal. [Monthly] v. 1-4, (whole no. 1-38), Feb. 1901-Mar. 1904. Boulder, Col. [1901-04]
 May 1, 1904 merged with Pacific States bee journal, afterwards the Western bee journal.
 Wanting: v. 1, no. 11, Dec. 1901; v. 2, no. 13-15, 18-20, 23, Feb.-Apr., July-Sept., Dec. 1902; v. 3, no. 25, 27, Feb., Apr. 1903; indexes & title-pages for all volumes (if pub.)
- The Root hexagon, published occasionally in the interest of Root dealers. v. 1, no. 2-3, May-June 1920; v. 2, no. 1-9, Jan.-Sept. 1921. 8°. Medina, Ohio, A. I. Root & co., 1920-21.
- Le Rucher belge; bulletin de la Société d'apiculture du bassin de la Meuse. [Monthly] v. 21, no. 3, Mar. 1910; v. 22, no. 1-2, Jan.-Feb. 1911; v. 24, no. 1, Jan. 1913; v. 32-35, Jan. 1925-Dec. 1928. 8° (1910-13, 4°) Liège [1910-28]
 Organe des Sociétés d'apiculture de Bruxelles et de Louvain.
 Wanting: indexes for v. 21-22, 24; t. -p. for set (if pub.)
- The Rural bee-keeper. [Monthly] v. 1-3, no. 5, Apr. 1904-Aug. 1906. 4°. River Falls, Wis. [1904-06]
 Absorbed by American bee-keeper Nov. 1906?
 Wanting: indexes & title-pages (if pub.)
- Russian apicultural newspaper. See Russkii pchelovodnyi listok.
- Russkii pchelovodnyi listok. [Russian apicultural newspaper] v. 7, 1892; v. 19, no. 7, July 1904. 8°. [S. -Peterburg, 1892]-1904.
 I. Volnoe ekonomicheskoe obshchestvo St. Petersburg.
- Sad i pasieka; kwartalnik ilustrowany. v. 9, 1928. illus. 8°.
 Miechów [1928]
 Published quarterly
 Organ of the Stacja doświadczalna pszczelnicza, Miechów (Apicultural experiment station, Miechów, Poland)
- Salzburger imkerbote. [Monthly] v. 1-2, Jan. 15, 1926-Dec. 15, 1927. 8°. [Salzburg, 1926-27]
 "Eigentümer und herausgeber: Salzburger landes-bienenzucht-verein."
 Organ des Landesverbandes der bienenzüchtervereine Salzburgs; fachblatt des Österreichischen imkerbundes.
 Ceased publication.
 Wanting: index for v. 2; t. -p. for v. 1-2 (if pub.)
- Schleswig-Holsteinische bienen-zeitung. [Monthly] v. 5-19, no. 13, Jan. 1901-Sept. 1, 1915; v. 29-32, Jan. 10, 1925-Dec. 1928. illus. 8°.
 Neumünster [etc.] 1901-28.
 v. 9-19, no. 13, published semi-monthly.
 v. 5-28 have title: Bienen-zeitung für Schleswig-Holstein.
 v. 6-19: Vereinsblatt Schleswig-Holsteinischer bienenwirte.
 v. 29-30: Vereinsblatt des Schleswig-Holsteinischen imkerverbandes.
 Wanting: v. 9, no. 8, Apr. 15, 1905; v. 10, no. 22, Nov. 15, 1906; v. 13-16, 1909-1912; v. 17, no. 1, 8, 14, 23-24, 1913; v. 18, no. 16-17, 19-24, 1914; v. 19, no. 2-4, 8-12, 1915; v. 29, no. 2, Feb. 1925; indexes & title-pages for v. 17-19; t. -p. for v. 9-12.

- Schweizerische bienen-zeitung. [Monthly] n.s. v. 5-51, 1882-1928.
 illus. 8°. [Aarau] 1882-1928.
 Organ der Schweizerischen vereine für bienenzucht; hrsg. vom
 Verein schweizer. bienenfreunde.
 N. S. v. 5-49 are v. 18-62 der ganzen reihe.
 Wanting: v. 6, 8, 14, 16-17, 19-20, 22-26; indexes & title-pages
 v. 28-29.
- Schweizerischer verein für bienenzucht. See Schweizerische bienen-
 zeitung.
- Scottish beekeeper. [Monthly] v. 1-4, July 1924-Dec. 1928. illus. 8°.
 [Glasgow? 1924-28]
 Official organ of the Scottish beekeepers' association.
 v. 4, July 1927-Dec. 1928 contains 18 nos.
 Wanting: title-pages for all volumes (if pub.)
- Scottish beekeepers' association. See Scottish beekeeper.
- Sindacato apistico nazionale. See L'Apicoltore moderno.
- Sindicato nacional de Apicultores. See La Colmena.
- Slovenski čebelar. [Monthly] v. 28-31, Jan. 1, 1925-Dec. 1928. illus.
 4°. Ljubljani, 1925-28.
- Sociedade brasileira de apicultura. See Revista brasileira de apicul-
 tura.
- Società d'apicoltura di Verona. See L'Ape italiana.
- Société centrale d'apiculture, de sériculture et de zoologie agricole.
 See L'Apiculteur.
- Société centrale d'apiculture et d'insectologie. See L'Apiculteur.
- Société d'apiculture d'Alsace-Lorraine. See L'Apiculteur alsacien-
 lorrain.
- Société d'apiculture de l'Isère. Bulletin.
 For the following numbers see Société d'apiculture de la Gironde.
 Bulletin mensuel. v. 1, no. 2, Oct. 1919.
- Société d'apiculture de la Bourgogne. Bulletin. See L'Abeille bour-
 guignonne.

Société d'apiculture de la Gironde

Bulletin mensuel. March 1894-Dec. 1928. illus. 8°. Bordeaux [etc.] 1894-1928.

Wanting: Sept.-Oct. 1894; Jan. 1895; Aug. 1895; Mar. 1920; May 1923, p. 115-122; indexes for 1897, 1915; 1918.

This set for March 1894-Feb. 1920; March, May 1923; is made up of numbers from the following journals:

L'Abeille. Société de propagande d'apiculture rationnelle.

L'Abeille bourbonnaise.

L'Abeille de la Drome.

L'Abeille de l'Ouest.

L'Abeille de Merillac.

L'Abeille du Pilat.

L'Abeille normande.

L'Apiculture française.

Bulletin d'apiculture des sections de Rethel et de Vouziers.

Wahhla l'abeille (Bulletin de la Société des apiculteurs algériens)

Revue éclectique d'apiculture. (Poitiers)

Société d'apiculture de la Meuse. Bulletin mensuel.

Société d'apiculture de la Somme. Bulletin.

Société d'apiculture de l'Isère. Bulletin.

Société des apiculteurs du Gâtinais et du Loiret. Bulletin mensuel.

Syndicat des apiculteurs de Poitou. Bulletin.

L'Union apicole; revue mensuelle illustrée d'apiculture.

For numbers of each periodical in this set see entry under name of periodical.

Published bi-monthly Sept./Oct.-Nov./Dec. 1918.

Oct. 1895 and Jan. 1898 are copied in ms.

Numbers of Revue éclectique d'apiculture, Mar. 1894-Mar. 1919 are year 1-27, no. 3, with year 23 omitted in numbering.

Have t. -p. v. 1-8, 10-13, 15-17 of the Revue éclectique d'apiculture only.

Content of the following periodicals same as Société d'apiculture de la Gironde. Bulletin mensuel: L'Abeille méridionale; Société d'apiculture de Tunisie.

Société d'apiculture de la Gironde:

Exposition nationale d'apiculture et des industries annexes. Catalogue-programme. 2d, 1922. 8°. Bordeaux, 1922.

Société d'apiculture de la Meuse. Bulletin mensuel.

For the following numbers see Société d'apiculture de la Gironde.

Bulletin mensuel. v. 13, Mar. 1903; v. 14, Apr. 1904; v. 20, Oct. 1911; v. 22, Sept. 1913.

Société d'apiculture de la Somme. Bulletin. [Monthly] year 18-36 (whole no. 92-257), Mar./Apr. 1892-July 1914. 8°. Airaines [etc.] 1892-1914.
 Years 18-36 are v. 4-10. 1909-10 are year 35; 1911-14 are year 36.
 Wanting: year 18, whole no. 96-97, Nov./Dec. 1892, Jan./Feb. 1893; year 18-33; whole no. 99-174, May/June 1893-Nov./Dec. 1905; year 35, whole no. 195, 212, May 1909, Oct. 1910; year 36, whole no. 220-221, 229, 248, Jan.-July 1911, Mar. 1912, Oct. 1913.
 For the following numbers see Société d'apiculture de la Gironde. Bulletin mensuel. no. 291, July 1919; no. 293, Sept. 1919; no. 297, Jan. 1920.

Société d'apiculture de Tunisie. Bulletin. [Bi-monthly] v. 12, no. 50, 52, May/June, Sept./Oct. 1912. 8°. [Tunis, 1912]
 Contents same as Société d'apiculture de la Gironde. Bulletin mensuel.

Société d'apiculture des Alpes-Maritimes. Bulletin. [Monthly] v. 1-7 (whole no. 1-62), [July] 1922-Nov./Dec. 1922. 8°. Nice, 1922-28.
 Wanting: indexes year 1-3, 1922-24.

Société d'apiculture du bassin de la Meuse. See Le Rucher belge.

Société d'apiculture méridionale. See L'Abeille méridionale.

Société de propagande d'apiculture rationnelle. See L'Abeille. Société...

Société des apiculteurs algériens. Bulletin. See Nahla l'abeille...

Société des apiculteurs du Gâtinais et du Loiret. Bulletin mensuel. For the following numbers see Société d'apiculture de la Gironde. Bulletin mensuel. v. 1, no. 3, Mar. 1923.

Société économique d'apiculture. Bulletin. See L'Apiculteur.

Société romande d'apiculture. Bulletin. [Monthly] v. 1-25, Jan. 1904-Dec. 1928. illus. 8°. Lausanne [1904-28]
 Continues Revue internationale d'apiculture.
 Wanting: v. 4, no. 12; v. 5, no. 5-8, 10-11, May-Aug., Oct.-Nov. 1908; v. 6, no. 1, Jan. 1909; index & t.-p. for v. 4.

South African association of beekeepers. See South African bee journal.

South African bee journal. [Monthly] v. 1-4, no. 3, Apr. 1921-Nov./Dec. 1927. 8°. Johannesburg, 1921-27.

Ceased publication 1925 & resumed 1925, Aug.? Ceased publication again with v. 4, no. 3? See v. 4, no. 3, p. 157.

Official organ of the South African association of beekeepers.
Wanting: v. 3, no. 2-9; indexes & title-pages for all volumes.

South African bee-keepers' journal. v. 1, no. 4, Feb. 1912.

Southland queen. [Monthly] v. 1, no. 5-v. 9, no. 5, Sept. 1895-July 1904. illus. 8°. Beeville, Texas [1895-1904]

Ceased publication July 1904. Merged with Western bee journal Sept. 1904.

v. 1, no. 12, Apr. 1896 has supplement.

v. 8 is numbered v. 1, complete in 11 nos.

Wanting: v. 7, no. 9-end; v. [8] i.e. [n. s.] v. 1, no. 6; indexes & title pages for set. (if pub.)

Süddeutsche bienenzeitung, früher "Bienen & obstbau-zeitung für Bayern." [Monthly] v. 14-16, no. 6, Jan. 1913-June 1915. illus. 8°. [München, 1913-15]

In 1927 consolidated with other periodicals to form "Die Bayerische Biene, bayerische bienenzeitung."

Wanting: v. 14, no. 3, 9, v. 15, no. 5, 8-10, v. 16, no. 4-5, indexes & title-pages v. 14-16.

Sveriges biodlares riksförbund. See Bitidningen.

Syndicat des apiculteurs du Poitou. Bulletin.

For the following numbers see Société d'apiculture de la Gironde.

Bulletin mensuel. v. 17, no. 5, May 1911; v. 18, no. 10-11, Oct.-Nov. 1912.

Thüringer imkerbote. [Monthly] v. 5-8, Jan. 1925-Dec. 1928. 8°. [Lobenstein, 1926-28]

Official organ of Thüringer imkerverband, and of Thüringer rasse-bienenzucht verein.

Wanting: index & t. -p. for v. 5, index for v. 6.

Tula. Opytnaia pchelovodnaia stantsiia. See Opytnaia paseka.

Tula. Pchelovodnoe tovarishchestvo. See Opytnaia paseka.

L'Union apicole; revue mensuelle illustrée d'apiculture.

For the following numbers see Société d'apiculture de la Gironde.

Bulletin mensuel. v. 17, no. 11, Nov. 1911; v. 18, no. 8, Aug. 1912; v. 19, no. 5, May 1913, no. 10, Oct. 1913, no. 12; Dec. 1913; v. 21, no. 3/4, Mar./Apr. 1915; v. 22, no. 7/8-9/10, July/Aug.-Sept./Oct. 1916; v. 23, no. 9/10, Sept./Oct. 1917.

Have also year 30, 1924. See Delaigues, A. Le miel... in main author list.

Uns immen. [Monthly] v. 6-9, Jan. 1925-Dec. 1928. 8°. Mecklenburg
[etc.], 1925-28.

Vereinsblatt des Mecklenburger Landesvereins für bienenzucht.

Wanting: title-pages for all volumes (if pub.); index for v. 6
(not printed).

Včelařské rozhledy; měsíčník pro československé včelaře. v. 3-6, Jan.
1, 1925-Dec. 1928. illus. 4°. Praha, 1925-28.

Verband der hessischen imker. See Die Biene; zeitschrift.

Vereeniging ter bevordering der bijenteelt in Nederland.

Maandschrift voor bijenteelt. [Monthly] v. 1-29, Apr. 1, 1898-
Dec. 1926. 8°. [Wageningen; etc., 1900-26]

Editors: Jan. 15, 1900-1907, J. C. Bosch; 1908-Apr. 1920, H.
Stienstra; May 1920-Dec. 1920, T. C. Hootsen; Jan. 1926-date, J. A.
Jovstra.

Wanting: index & t. -p. for v. 1; t. -p. for v. 2, 24-29.
v. 3-16 have typewritten title-pages.

Verein der deutscher bienenwirthe. See Bienen-zeitung; organ...

Verein schweizerischer bienenfreunde.

Bericht über die faulbrutversicherung 1908-09. illus. 8°. Aarau [1909]-10.

Later reports in Schweizerische bienen-zeitung.

Verein schweizerischer bienenfreunde. See also Schweizerische bienen-
zeitung.

Verein zur förderung der bienenzucht in Nieder-Österreich. See Bienen-
vater. Organ...

Verona. Società d'apicoltura. See L'Ape italiana.

Victorian apiarists' association. See Victorian bee journal.

Victorian bee journal. [Monthly] v. 3-6, no. 9, Jan. 16, 1922-Sept.
5, 1925. 8°. Melbourne, 1922-25.

Issued by the Victorian apiarists' association.

Wanting: indexes for v. 3-4, 6; title-pages for all volumes (if
pub.)

Wanderversammlung der bienenwirte deutscher zunge.

Verhandlungsbericht. 62d, 65th. illus. 4° (62d, 12°)
Neumünster in Holstein [etc.] 1924-27.

65. has title: Gesammelte vorträge über das bienenwachs...

The Welsh bee-keeper; a monthly bee journal. v. 2, no.12-v. 5, no. 6,
Dec. 1924-June 1927. 8°. Ammanford [1924-27]

Ceased publication with v. 5, no. 6, June 1927.

Wanting: indexes & title-pages for all volumes (if pub.)

Western bee journal, published monthly in the interest of bee-keepers. v. 1, no. 2-v. 2, no. 8, July 1904-June, 1905. 8°. Hanford & Kingsburg, Calif. [1904-05].

. Combined with Orchard and farm Aug. 1905.

May 1, 1904 Pacific states bee journal absorbed the Rocky Mountain bee journal. Number for June 1904 published as Pacific states bee journal, v. 1, no. 8. v. 1, no. 2, July 1904 probably first number published under new name, the Western bee journal. Sept. 1904, absorbed the Southland queen.

Wanting: indexes & title-pages for v. 1-2 (if pub.)

v. 1 contains 5 nos.

Western gardener and beekeeper. The Western poultryman. [Monthly] v. 1-6, no. 7, Oct. 1919-May 1925. illus. 4°. Winnipeg, Can., 1919-25.

. v. 1-2, no. 5 have title: Western gardener and poultry journal.

v. 2, no. 6-v. 3, no. 5 have title: The Western gardener and poultryman.

v. 3, no. 6, Mar. 1922, publication divided into two separate magazines, the poultry section becoming the Western poultryman.

May 1923 not published.

June 1923 Western poultryman was amalgamated with this publication, both titles appearing on the cover.

Official organ of the Manitoba horticultural and forestry association.

Wanting: v. 1, no. 2-10, Nov. 1919-July 1920; v. 6, no. 5-6, Mar.-Apr. 1925; indexes & title-pages for v. 1-6 (if pub.)

Western honey bee [Monthly] v. 1-16, Apr. 1913-Dec. 1928. illus. 8°. Los Angeles, Calif. [etc.] 1913-28.

v. 1-12, no. 5 published by or for California state beekeepers association.

v. 3 contains 9 nos., Apr.-Dec. 1915; v. 14, 1926 contains 9 nos. (none for July-Sept.); v. 16 contains 9 nos.

Wanting: v. 15, no. 12, Dec. 1927; v. 16, no. 1, 8, Jan., Aug. 1928; indexes & title-pages for all volumes (if pub.)

White's beehive news. [Trade paper] [Monthly] v. 1, no. 1-5, Oct. 1, 1920-Sept. 1921. 8°. Dublin, Ga. [1920-21]

Published by J. Tom White, manufacturer of Cypress beehives & dealer in beekeepers' supplies.

Wisconsin beekeeping. [Monthly] v. 1-5, Jan. 1924-Dec. 1928. illus. 8°. [Madison, Wis., 1924-28]

Official organ of the Wisconsin state beekeepers' association.

"... a continuation of the records and proceedings of the Wisconsin state beekeepers' association as issued previously in Wisconsin horticulture..." Mar. 1919-Dec. 1923. (cf. Wisconsin bee-keeping, v.1, no. 1, p. [1])

Wanting: v. 4, no. 5, May 1927; indexes & t. -p. for set (if pub.)

Wisconsin horticulture; official organ of the Wisconsin State horticultural society. v. 1-16, Sept. 1910-Aug. 1926. 4°. [Madison, 1910-26]

v. 9, no. 7, Mar. 1919- v. 12, no. 5, Jan. 1922 contain dept. "Among Wisconsin beekeepers" each month, devoted to the interests of the Wisconsin state beekeepers' association, & including records and proceedings of the 41st-43d annual meeting of the association. For later reports see Wisconsin beekeeping.

Wisconsin state beekeepers' association. See Wisconsin beekeeping.

Württembergischer Landesverein für bienenzucht. See Die Bienenpflege.

Yoho. See apiculture.

Yoho-kai. See Bee culture world.

Yoho no tomo. See Friend of bee-keepers.

York's bees and honey. See Bees and honey.

Zentralimkergenossenschaft Hannover. See Bienenwirtschaftliches zentralblatt.

Zhurnal opytnaia paseka. See Opytnaia paseka.



VII PERIODICALS - ARRANGED BY COUNTRY

1. The first part of the document is a list of names and titles.

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PERIODICALS - ARRANGED BY COUNTRY

United States

American apiculturist. Salem & Wenham, Mass.
American bee gazette. New York
American bee journal. Hamilton, Ill.
American bee-keeper. Falconer, N. Y.
American honey producer. Laramie, Wyo.
American honey producers' league. The League bulletin. Ft. Collins, Col.
Annals of bee culture. Louisville, Ky.
Apiarist. Waco, Texas.
The Bee-keepers' exchange. Canajoharie, N. Y.
Bee-keepers' guide. Kendallville, Ind.
The Bee-keepers' instructor. Adelphi, O. & Somerset, Ky.
Bee-keepers' magazine. New York & Barrytown, N. Y.
The Bee-keepers' review. Almont, Mich.
The Beekeepers' item. San Antonio, Tex.
Bees and honey. Seattle, Wash.
The Booster. Redkey, Ind.
The Busy bee, a monthly journal. York, Neb. & St. Joseph, Mo.
The Busy bee, an illustrated annual. Lavansville, Pa.
Cornell apis club. Papers. Ithaca, N. Y.
Dixie beekeeper. Waycross, Ga.
Gleanings in bee culture. Medina, O.
Modern farmer and Busy bee. St. Joseph, Mo.
Moon's bee world. Rome, Ga.
National bee journal. Indianapolis, Ind.
National bee-keepers' association. Annual report. Piatteville, Wisc.
The North American bee journal. Indianapolis, Ind.
North American bee-keepers' association. Report. Chicago, Ill.
Pacific bee journal. Los Angeles, Calif.
Pacific States bee journal. Tulare, Calif.
Poultry bee and fruit journal. Davenport, Ia.
Progressive bee-keeper. Higginsville, Mo.
Queen breeders journal. Mariboro, Mass.
The Rocky Mountain bee journal. Boulder, Col.
The Rural bee-keeper. River Falls, Wis.
Southland queen. Beeville, Tex.
Western bee journal. Hanford & Kingsburg, Calif.
Western honey bee. Los Angeles, Calif.
Wisconsin beekeeping. Madison, Wis.

Trade Papers

A. I. Root & company, Medina, Ohio
The Airline buzzer.
The Bee hive
Beedom
The Hummer
The Root hexagon

File papers (cont.)

G. B. Lewis company, Watertown, Wis.

Beecause.

Mimeographed bulletin.

White's beehive news. Dublin, Ga.

Canada

L'Abeille et l'érable. Quebec.

The Beekeeper, Peterboro, Ont.

Canada. Experimental farms. Bee division. Report. Ottawa.

Canadian bee journal. Beeton & Brantford, Ont.

Ontario bee-keepers' association. Annual report. Toronto.

Western gardener and beekeeper. Winnipeg.

Mexico

La Abeja. Irapuato, Gto.

Central America and West Indies

El Apicultor. Porto Rico.

Guatemala. Dirección general de agricultura. Boletín.

South America

Argentine Republic

.Gaceta de granja. Buenos Aires.

Revista de apicultura Buenos Aires.

Brazil

Revista brasileira de apicultura. Rio de Janeiro.

Europe

Austria.

Bienen-vater. Wien.

Illustrierte monatsblätter für bienenzucht. Wien.

Salzburger inkerbote. Salzburg.

Belgium

Le Rucher belge. Liège.

Bulgaria.

Pchela. Sofia.

Czechoslovakia.

C. Český Včelař. Praze.

Der Bienen-vater aus Böhmen. - Teschen.

Der Deutsche imker. Prag.

Včelařské rozhledy. Praha.

Europe (cont'd.)

France.

L'Abeille. Société de propagande d'apiculture rationnelle.
L'Abeille bourbonnaise.
L'Abeille bourguignonne. Joigny.
L'Abeille de la Drome.
L'Abeille de l'Ouest. Poitiers.
L'Abeille de Merillac.
L'Abeille du Pilat.
L'Abeille méridionale. Toulouse.
L'Abeille normande.
L'Apiculteur. Paris.
L'Apiculteur alsacien-lorrain. Strasbourg.
L'Apiculture française.
L'Apiculture nouvelle. Paris.
Bulletin d'apiculture des sections de Reims et de Vouziers.
Fédération des sociétés françaises d'apiculture.
La Gazette apicole. Montfavet (Vaucluse)
L'Intermédiaire des bombyculteurs & entomologists. Châmerac.
Revue éclectique d'apiculture. Saint-Maixent (Deux-Sèvres)
Société d'apiculture de l'Isère. Bulletin.
Société d'apiculture de la Gironde. Bordeaux.
Société d'apiculture de la Meuse. Bulletin mensuelle.
Société d'apiculture de la Somme. Bulletin. Airaines.
Société d'apiculture de Tunisie. Tunis.
Société d'apiculture des Alpes-Maritimes. Nice.
Société des apiculteurs du Gâtinais et du Loiret. Bulletin mensuel.
Syndicat des apiculteurs du Poitou. Bulletin.
L'Union apicole.

Germany.

Archiv für bienenkunde. Freiburg im Breisgau.
Die Bayerische Biene, bayerische bienenzeitung. Nürnberg.
Die Biene. Giessen.
Die Biene und ihre zucht. Karlsruhe.
Bienen-zeitung. Nordlingen.
Bienenwirtschaftliches zentralblatt. Hannover.
Die Bienenpflege. Weinsberg.
Die Deutsche Biene. Fulda.
Die Deutsche bienenzucht in theorie und praxis. Weimar.
Deutsche illustrierte bienenzeitung. Leipzig.
Deutsche bienenfreund. Grimnitzschau.
Erlanger jahrbuch für bienenkunde. Freiburg im Breisgau.
Fishers imker-kalender.
Des Försters feierabende. Neudamm.
Der Imker. München-Gladbach.
Imker-zeitung. Ilshofen, Wttbg.
Kalender für deutsche bienenfreunde. Leipzig.
Leipziger bienen-zeitung. Leipzig.
Märkische bienen-zeitung. Potsdam.
Mein bienenmütterchen in sonnenschein, etc. Waichhofen a. d. U.
Neue bienen-zeitung. Marbach-bei-Marburg.

Europe (cont'd.)

Germany (cont'd.)

Neues schlesisches imkerblatt. Breslau.
Pfälzer bienenzeitung. Kusel (Bavaria)
Pommerscher ratgeber für bienenkunde. Anklam.
Posener bienenwirt. Lissa.
Praktischer wegweiser für bienenzüchter. Wolfenbüttel.
Preussische bienen-zeitung. Mohrungen, Ostpr.
Rheinische bienenzeitung. Viersen, Prussia.
Schleswig-Holsteinische bienen-zeitung. Neumünster.
Süddeutsche bienen zeitung. München.
Thüringer imkerbote. Lobenstein.
Uns immen. Mecklenburg.
Wanderversammlung der bienenwirte deutscher zunge. Verhandlungsbericht.
Neumünster in Holstein.

Great Britain. England.

Bee craft. Rochester, Kent.
The Bee-keepers' record. Liverpool & London.
The Bee world. Benson, Oxon.
The Beekeeping annual & diary. [London]
The British bee journal and bee-keepers' adviser. London.

Great Britain. Scotland.

Scottish beekeeper. Glasgow?

Great Britain. Wales.

The Welsh bee keeper., Ammanford.

Ireland.

Irish bee journal. Lough Rynn.

Italy.

L'Ape Italiana. Verona.
L'Apicoltore, periodico, etc. Milano.
L'Apicoltore moderno. Torino.
L'Apicoltura italiana. Ancona.

Jugoslavia.

Slovenski čebelar. Ljubljani.

Luxemburg (Grand duchy)

Luxemburgische bienen-zeitung. Grevonmacher.

Netherlands.

De Practische imker.
Vereeniging ter bevordering der bijenteelt in Nederland. Maandschrift
voor bijenteelt.

Europe, cont.

Poland.

Bartnik postępowy. Lemberg.
Pszczelnictwo polskie. Warszawa.
Sad i pasieka. Miechów.

Russia

Imperatorskoe obshchestvo sel'skago, etc. Odessa.
Opytnaia paseka. Tula.
Paseka. Odessa.
Pchela i paseka. Sverdlovsk.
Pchelovod-praktik. Moskva.
Pchelovodnoe delo. Moskva.
Russkii pchelovodnyi listok. S. Peterburg.

Spain.

El Apicultor. Barcelona.
La Apicultura española. Gerona.
La Colmena. Madrid.

Sweden.

Bitidningen. Huddinge.

Switzerland.

Die Europäische bienenzucht. Kreuzlingen.
Revue internationale d'apiculture. Nyon.
Schweizerische bienen-zeitung. Aarau.
Société romande d'apiculture. Lausanne.
Verein schweizerischer bienenfreunde. Berichte. Aarau.

Asia

Japan.

Api-culture. Gifu.
Bee culture world. Okucho, Owari.
Friend of bee-keepers. Gifu.
Japanese bee journal. Nagoya.

Africa

Algeria.

Nahhla l'abeille.

South Africa.

South African bee journal. Johannesburg.

Tunis.

Société d'apiculture de Tunisie. Tunis.

Australia

Australasian beekeeper. West Maitland, N. S. W.
Australian bee bulletin. West Maitland, N. S. W.
Victorian bee journal. Melbourne.

New Zealand

National beekeepers' association of New Zealand. Annual conference.
Dunedin.

New Zealand beekeepers' journal. Dunedin.

New Zealand fruitgrower and apiarist. Auckland.

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