

CATALOGUE
OF THE
MOIR LIBRARY



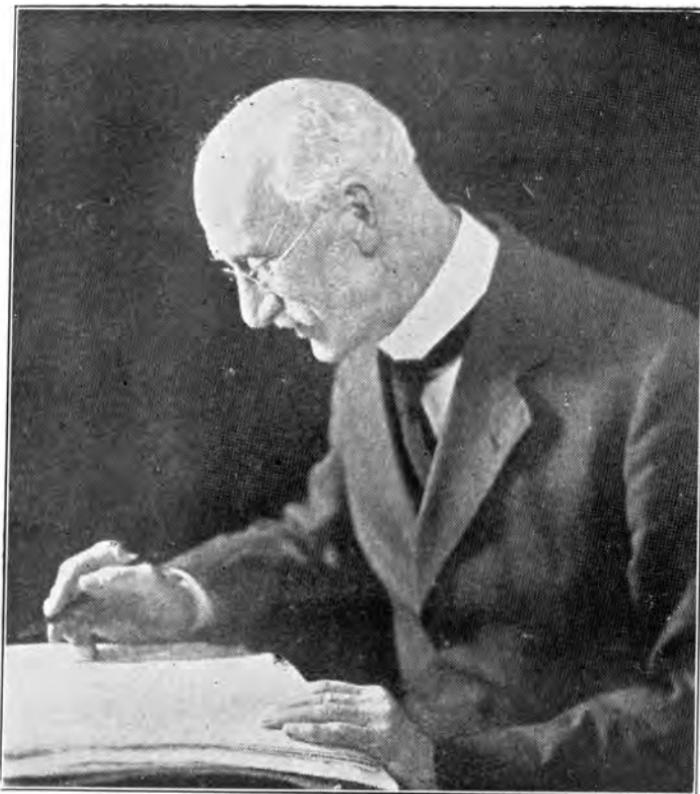
SCOTTISH BEEKEEPERS' ASSOCIATION

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OF THE
MOIR LIBRARY

1950

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JOHN W. MOIR, C.M.G., F.R.S.G.S., F.Z.S.

PREFACE

History.

The Scottish Beekeepers' Association owes its most prized possession, The Moir Library, to the foresight and generosity of Mr. John W. Moir, C.M.G., F.R.S.G.S., F.Z.S., Empire builder, beekeeper, and bibliophile.

After an adventurous life in Africa, Mr. Moir retired to his native land, and in 1912 turned his attention to collecting books on bees. By 1916 he had acquired 167 volumes, and about this time he announced his intention to bequeath his books to The Scottish Beekeepers' Association. In order to give his fellow-beekeepers the benefit of his books during his lifetime, however, Mr. Moir later presented his Library to The Scottish Beekeepers' Association while continuing to house the books in his own home and to act as Hon. Librarian. The collection of books steadily grew, and by October, 1933, when the special catalogue number of *The Scottish Beekeeper* was issued, it comprised some 1270 items. With this increase in the size of the Library, the burden of administration became a heavy one for a man who had then exceeded the allotted span by more than ten years, and in 1936 the assistance of some friends and of the Edinburgh Public Libraries was sought. This arrangement continued for a few years, but illness intervened, and the Library was ultimately transferred to the care of the Edinburgh Public Libraries at the end of 1939. At this time there were 1799 books and pamphlets and 439 volumes or periodicals. These figures are now 2054 and 700 respectively.

Contents.

This collection of books is unique and covers a wide field. The antiquarian will find rare English books dating from the sixteenth century; the classical scholar will be able to study what Aristotle, Virgil and Pliny have to say on beekeeping; those with a knowledge of foreign languages will find books in French, German, Italian and other languages, and there is a wide range of American books. Many pamphlets have been obtained from research stations in this country, America and Europe, so that the advanced student may keep abreast of modern developments. Young people, students, practical beekeepers, as well as research workers, will find publications to suit them. Several copies of most of the popular text-books in current use are stocked so as to reduce the period of waiting for borrowers. Magazines, mostly British and American, but including also some in foreign languages, are added each year.

Procedure for Borrowing.

The Library is both a reference and a lending library. The books which are for reference only, that is, may not be sent by post, are con-

fined to works of exceptional rarity or value, and there is a general rule that the consent of the Convenor of the Library Committee must be obtained before any book published prior to 1850 may be borrowed. The great majority of the books are, however, freely available to Associate Members of The Scottish Beekeepers' Association and to all beekeepers who are members of a District Association affiliated to the Scottish Beekeepers' Association.

Life Associate Members and Annual Associate Members are provided with a Library Card which enables them to borrow direct from The Hon. Librarian, S.B.A. Moir Library, Central Public Libraries, George IV. Bridge, Edinburgh, 1. Secretaries of Affiliated Associations are also provided each year with a Library Card, enabling them to borrow books for their members. Any beekeeper who is a member of an Affiliated Association, though not an Associate Member of the parent Association, may borrow books from the Library, but each request for books must be submitted by the Secretary, and must be accompanied by the Secretary's Library Card. Such books are sent only to District Association Secretaries for transmission to individual members.

The welfare of the Library is supervised by a Library Committee who are anxious to maintain the high standard of the Library, and to enhance its value to beekeepers. The Scottish Beekeepers' Association gives an annual grant to help to keep the Library up-to-date, but donations of books and periodicals will always be welcomed by the Committee.

Acknowledgments.

The Committee make grateful acknowledgment of their indebtedness to the Edinburgh Public Libraries for housing the Library, to Mr. Minto, Hon. Librarian, for his supervision and guidance; and to the Staff of the Central Reference Library for their unfailing courtesy and attention.

The preparation of this new catalogue has involved much time and labour, and special acknowledgment must be made to Miss Catherine L. Dickson, of the Central Reference Library, who has edited the catalogue, and to Mr. H. P. G. Young, a member of the S.B.A. Library Committee, who has helped in the work of re-classification. It is confidently anticipated that this new catalogue will greatly enhance the usefulness of the Library.

J. N. TENNENT,
Convenor, Library Committee.

MAIN DIVISIONS OF THE CLASSIFICATION OF THE BOOKS

BEES AND BEEKEEPING. SF 514-SF 540.

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HOW TO USE THE CATALOGUE

This new list of books in the Moir Library is what is known as a classified catalogue, that is, a catalogue in which the books are arranged by subjects following the order of some predetermined system of classification. Though the catalogue may seem unfamiliar at first sight and difficult to consult, the effort required to master the technique of using such a catalogue will soon be found to be amply repaid. In a classified library personal users have the great advantage of being able to choose from the shelves the volume they consider most suitable for their purpose from among a collection of books on the same aspect of the subject in which they are interested. Obviously, if borrowers from a library which is operative for most only through the medium of the post are to enjoy this same advantage, the catalogue must perform the function of shelf classification and bring together like books on like subjects. In some respects the postal user of a classified catalogue listing every unit of the stock is better off than the personal user of the library whose choice is virtually limited to the books available at the time of his visit. In addition, though books or parts of books can be listed at several points in the catalogue, books may stand at only one point on the shelves, and some part of their value is always in danger of being overlooked. In the present catalogue books of multiple subject content have been analysed and each section catalogued at its appropriate subject number. It is this useful provision that gives rise to the double numbers that will be referred to later. The catalogue is in three parts—the main classified list, the author index (on green paper), and the subject index on pink paper. The indexes are the key to the main list.

To understand the symbols under which the books are listed, it is necessary to bear in mind that these combinations of letters and figures are but a small part of a much larger scheme covering the whole field of knowledge. It would serve no useful purpose to outline this complete system of book classification here, but the scheme is the one which was first applied to the huge collections of the Library of Congress in Washington, and which has been adopted throughout the Edinburgh Public Libraries system. In this scheme, which is arranged first by letters and then by numbers, the vast majority of the Moir Library books come within main class **S—Agriculture** and sub-class **SF—Animal Culture**. Some two hundred and fifty books not in class SF but still in part or in whole of interest to beekeepers are to be found preceding or following the main SF 514 to SF 540 list. These books bear the class numbers from the Library of Congress scheme that they would bear in a general library, those with class letters alphabetically before SF at the beginning and those with class letters following SF at the end. The truly bee-keeping classes SF 514-SF 540 can be quickly located in the catalogue by using the page number references in the table given above.

Main numbers (*e.g.*, SF 532 : Hives and appliances) are further divided by decimal numbers (*e.g.*, SF 532.5 : Specials parts of the Hive) and still further divided by divisions of the decimal numbers (*e.g.*,

SF 532.54; Supers). This progressive division and sub-division results in a very close grouping of the books by subject matter and in some cases still further arranging numbers are added to bring together books on any given subject by the same author. These author numbers (*e.g.*, F 94 for Frow) follow the class number proper and the sample number SF 538.31 F 94 may be analysed into : Beekeeping : Diseases : Acarine disease : works by Frow. The marks are thus simply a convenient shorthand indication of subject by which books may be arranged and referred to and there will commonly be several books with the same class number. The real identifying number of a book is its accession or stock number (*e.g.*, [H1094] or [ML18]) given in brackets after the title of each book in the catalogue and this number should be quoted in addition to the class number in asking for books. Thus the catalogue proper must always be consulted as the indexes do not note such details.

Therefore if you want a book and know the name of the **AUTHOR** consult the **AUTHOR INDEX** under the known name and refer to the class mark shown against the short title of the book you require. When this is done you will find not only the book you seek but listed alongside it whatever other books the library possesses on the same topic. If author is unknown or unimportant and you want to **find out what is to be got on a given SUBJECT** consult the **SUBJECT INDEX** which will guide you from the name of the subject to its class mark and thereby to the place in the catalogue where all such books are listed.

In the indexes and in the catalogue itself double numbers sometimes appear, and these arise mainly as a result of several pamphlets on different topics having been bound together. Obviously, no subject listing can be complete unless each pamphlet of such a collection is separately entered along with others of a like nature. However, as the class mark of the bound volume differs from the subject number some such marks as, for example, SF 539.77 (*in* SF 525.4 S53) are not uncommon. In this instance the pamphlet—on the rendering of beeswax (SF 539.77)—is in a collection of S.B.A. technical “Papers” (SF 525.4 S53) which is, of course, the shelf arranging number. Thus, the entry under SF 539.77 is only there so that the book can appear listed alongside others on beeswax and it is the *in* number (SF 525.4 S53) and the stock number ([N781]) that should be quoted in asking for it.

To sum up. Consult either the Author or Subject Index first to obtain the class mark (subject mark) of the book you require, locate this in the main body of the catalogue and quote both the shelf number of the book and the stock number—the number in square brackets after the title. Give an alternative choice or list of choices whenever possible. If the latest edition of any book is in use an earlier edition will be sent unless specified otherwise. When any request cannot be satisfied on account of a book being on loan at the time of application, the borrower's name will be added to the waiting list and the book sent when available.

C. S. MINTO,
Hon. Librarian.

MISCELLANEOUS.

- qAG 25 **CHOMEL, Noel.** A Dictionnaire oeconomique ; or, The Family dictionary ; tr. from the 2nd ed. and rev. by Richard Bradley. 2v. Illus. Lond., 1725. [Bee, Apiary and Honey articles]. [J316-7]
- AG 105 **TIMBS, John.** Notable things of our own time. Illus. Lond., 1868. [Bees, p. 97]. [B1151]
- BJ 57 **BUCKLEY, A. B., aft. Fisher.** Moral teachings of science. Illus. Lond., 1891. [Bees, pp. 48, 64-5]. [A33]
- qDF 721 **WHEELER, Sir George.** A Journey into Greece. Illus. Lond., 1682. [Bees, pp. 411-12]. [J359]
- HT 421 **LOUDON, Jane.** The Lady's country companion ; or, How to enjoy a country life rationally. Illus. Lond., 1845. [Bees, pp. 343, 844]. [B150]
- QC 998
(in SB 466) **CLARIDGE, John.** The Shepherd of Banbury's rules to judge the changes of the weather. 40 pp. Edin., 1755. *Bnd. w. J. Reid's Scots gardiner.* [L718]
- QC 998 **INWARDS, Richard.** Weather lore : a collection of proverbs, sayings, and rules concerning the weather; 3rd ed., rev. Illus. Lond., 1898. [Bees, pp. 17, 28, etc.]. [X1230]

QH

NATURAL HISTORY.

- qQH 41 **BACON, Francis, Viscount Verulam.** *Sylva sylvarum* ; or, A Naturall historie. Lond., 1635. [Bees, p. 51]. [J1359]
- QH 41 **[PLUCHE, N. A.]** Nature delineated : being a new translation of . . . Spectacle de la nature, by D. Bellamy. 2v. Illus. Lond., 1739. [Bees, V. 1, pp. 91-124]. [L452-3]
Spectacle de la nature ; or, Nature display'd ; tr. from the original French. 2v. in 1. Illus. Lond., 1733. [Bees, V.1, pp. 151-80]. [C1235]
2nd ed., tr. from the original French. 2 v. in 1. Illus. Lond., 1735. [Bees, V.1, pp. 102-25]. [O307]
5th ed., tr. by J. Humphreys. 3v. Illus. Lond., 1740. [Bees, V.1, pp. 84-113]. [K742-4]
3rd ed., tr. by J. Kelly and others. V. 1. Illus. Lond., 1744. [Bees, V.1, pp. 85-116]. [L756]
- QH 46 **LOCY, W. A.** The Earliest printed illustrations of natural history. 20 pp. Illus. *From Scientific monthly*, V. 13. [S1170]

- QH 48 **An EASY introduction to the study of the animal kingdom.** Illus. Lond., n.d. [Bees, pp. 259-62]. [A1113]
- COPE, Richard.** Natural history ; or, A Description of earth and of animated nature ; new ed. Illus. col. illus. Halifax, 1855. [Bees, pp. 688-712.] [T750]
- QH 81 **LUBBOCK, John, 1st baron Avebury.** Chapters in popular natural history. Illus. Lond., 1883. [Bees, pp. 63-73]. [K746]
- LUBBOCK, John, 1st baron Avebury.** The Beauties of nature and the wonders of the world we live in. Illus. Lond., 1892. [S798]
- QH 138 **McDIARMID, John.** Sketches from nature. Edin., 1830. [Bees, pp. 150-161.] [E159]
- RHIND, William.** Studies in natural history. Illus. Edin., 1830. [Bees, pp. 183-219.] [M213]
- QH 138 S **JESSE, Edward.** Gleanings in natural history, with local recollections. Lond., 1832. [Bees, pp. 14-25.] [M1105]
- WHITE, Gilbert.** The Natural history and antiquities of Selborne ; 5th ed., rev. by J. E. Harding. Illus. Lond., 1887. [Bees, p. 348.] [D1241]
- QH 211 **BECK, Conrad.** The Microscope : a simple handbook. Illus. Lond., 1921. [G616]
- WATSON, W., and Sons, Ltd.** Catalogue of microscopes and their accessories. Pt. 2. Research and other microscopes. 68 pp. Illus. Lond., 1920. [H1011]
- QH 365 O **WOOD, J. G.** Common objects of the microscope. Illus., col. illus. Lond., 1861. [L714]
- QH 367 **DARWIN, C. [R].** The Origin of species ; 6th ed. Lond., 1882. [M287]
- QH 431 **REDFIELD, C. L.** Dynamic evolution : a study of the causes of evolution and degeneracy. N. York, 1914. [M208]
- QH 487 **DARBISHIRE, A. D.** Breeding and the Mendelian discovery ; 2nd ed. Illus., col. illus. Lond., 1912. [N1234]
- PUNNETT, R. C.** Mendelism ; 4th ed. Illus., col. illus. Lond., 1912. [M437]
- CRAWLEY, W. C.** Parthenogenesis in worker ants. 5 pp. From Trans. of Entomol. Soc., 1911. [H503]
- PEACOCK, A. D.** Animal parthenogenesis, natural and artificial. 25 pp. Glasg., 1944. Repr. from Proc. of Roy. Philos. Soc. of Glasg. [ML324]

QK

QK 49
(in S 414)

QK 50

QK 81

QK 99

QK 488

(in SB 466)

QK 629

QK 926

QL

QL 9

QL 41

BOTANY.

- HALL, R[obert].** Elements of botany. Illus. Lond., 1802. *Bnd.w.* Rural recreations. [P221]
- KEEBLE, Sir Frederick.** Life of plants. Illus. Oxf., 1926. [R711]
- ALLEN, Grant.** Flowers and their pedigrees. Illus. Lond., 1883. [R710]
- CULPEPPER, Nicholas.** The English physician enlarged. Lond., 1788. [A61]
- NEWTON, James.** A Compleat herbal. Illus. Lond., 1752. [C1323]
- GRINDON, L. H.** The Trees of old England. Illus. Lond., 1868. [Bees, pp. 52-53.] [O961]
- HADDINGTON, Thomas Hamilton, 6th earl of.** A short treatise on forest trees. 48 pp. Edin., 1756. *Bnd.w.* J. Reid's Scots gardiner. [L718]
- COOKE, M. C.** Vegetable wasps and plant worms : a popular history of entomogenous fungi. Illus. Lond., 1892. [Bees, pp. 58-72.] [C1228]
- LUBBOCK, John, 1st baron Avebury.** British wild flowers considered in relation to insects. Illus. Lond., 1903. [V709]

ZOOLOGY.

- MAUNDER, Samuel.** The Treasury of natural history. Illus. Lond., 1848. [Bees, pp. 57-60.] [L1104]
- TOPSELL, Edward.** The Historie of foure-footed beastes. The Historie of serpents ; or, The Second booke of living creatures. 2v. in 1. Lond., 1607-8. [Bees, V. 2, pp. 64-82.] [U1342]

q — The History of four-footed beasts and serpents . . . collected out of the writings of Conradus Gesner and other authors . . . whereunto is now added The Theatre of insects by T. Muffet, the whole rev. and enl. by J. R. Illus. Lond., 1658. [Bees and honey, pp. 889-921.] [J865]

- OKEN, Lorenz.** Oken's lehrbuch der naturgeschichte. V.3. Zoologie. Illus. Leipzig, 1815. [Bees, pp. 615-30.] [O1004]
- WOOD, J. G.** The Common objects of the country ; new ed. Illus., col. illus. Lond., 1861. [Bees, pp. 171-72.] [L755]

- QL 362 **WESLEY, John.** A Compendium of natural philosophy ; new ed., rev. by Robert Mudie. V. 2. Invertebrated animals. Illus. Lond., 1842. [Bees, pp. 32-36, etc.] [K273]
- QL 391 O4 **SAMUELSON, James, and HICKS, J. B.** Humble creatures : the earth-worm and the common housefly. 78 pp. Illus. Lond., 1858. [V837]
- QL 452 **FABRE, J. H. [C.]** The Life of the spider ; tr. by A. T. de Mattos. Lond., [1912.] [C1325]
- QL 458 S4 **FABRE, J. H. [C.]** The Life of the scorpion ; tr. by A. T. de Mattos and B. Miall. Lond., 1923. [C1333]
- QL 463 **CURIOSITIES of entomology.** 64 pp. Illus., col. illus. Lond., [1871.] [Bees, pp. 5-17.] [D63]
- The **NATURAL history of insects** ; compiled from Swammerdam, Brookes, Goldsmith, etc. ; 2nd ed. Illus. Perth, 1792. [Bees, pp. 89-118.] [O243]
- The **NATURAL history of insects.** V. 1. Illus. Lond., 1829. Family lib., 7. [Bees, pp. 1-88.] [A99]
- The **NATURAL history of insects.** Ser. 1. Illus. N. York, 1831. Family lib., 8. [Bees, pp. 1-99.] [B1122]
- The **NATURAL history of insects** ; 2nd ed. 2 v. Illus. Lond., 1830-38. [Bees, V. 1, pp. 1-90.] [L456-57]
- BROOKES, R[ichard].** The Natural history of insects, with their properties and uses in medicine. V. 4. Illus. Lond., 1763. [Bees, pp. 139-62.] [K1100]
- BURMEISTER, Hermann.** A Manual of entomology ; tr. by W. E. Shuckard. Illus., col. illus. Lond., 1836. [D605]
- DUNCAN, James.** Introduction to entomology. Illus., col. illus. Edin., 1840. Naturalist's lib. [A74]
- KIRBY, W. F.** Elementary text-book of entomology. Illus. Lond., 1885. [Bees, pp. 129-32.] [S1073]
- KIRBY, William and SPENCE, William.** An Introduction to entomology. 5v. Illus., col. illus. Lond., 1815-16. [Bees, V. 2, pp. 116-217.] [N1081-85]
- 3rd ed. 2v. Illus., col. illus. Lond., 1818. [Bees, V.2, pp. 114-217.] [D137-8]
- 6th ed., rev. and enl. 2 v. Illus., col. illus. Lond., 1843. [Bees, V. 2, pp. 96-176.] [D330-31]
- People's ed. Lond., 1870. [Bees, pp. 351-403.] [E139]

QL 463

q **MOFFETT, Thomas.** *Insectorum; sive, Minimorum animalium theatrum.* Illus. Lond., 1634. [Bees, pp. 1-41.] [U458]

NEWMAN, Edward. *A Familiar introduction to the history of insects.* Illus. Lond., 1841. [Bees, pp. 33-40.] [T758]

REAMUR, R. A. F. de. *Mémoires pour servir à l'histoire des insectes.* 6 v. Illus., col. illus. Paris, 1734-42. [Bees, V. 5, pp. 207-728.] [Y202-7]

q **SWAMMERDAM, Jan.** *The Book of nature; or, The History of insects; tr. by T. Floyd, rev. by J. Hill.* 2 pts. in 4v. Illus. Lond., 1758. [Much about bees.] [J923]

— *Histoire générale des insectes.* Illus. Autrecht, 1685. [C1224]

THEOBOLD, F. V. *Insect life.* Illus. Lond., 1896. [Bees, pp. 95-99.] [B563]

WESTWOOD, J. O. *The Entomologist's text book.* Illus. Lond., 1838. [Bees, pp. 371-89.] [K1068]

WILSON, James. *A Treatise on insects: being the article "Entomology" from the 7th ed. of the Encyclopædia Britannica.* Illus. Edin., 1835. [Bees, pp. 309-27.] [J346]

QL 467

REMARKABLE insects. Illus. Lond., n.d. [Bees, pp. 1-32.] [L468]

Illus. Lond., [1842?]. R. T. S. [Bees, pp. 1-32.] [L362]

BADENOCH, L. N. *True tales of the insects.* Illus. Lond., 1899. [Bees, pp. 236-38.] [D1244]

BALFOUR-BROWNE, Frank. *Concerning the habits of insects.* Illus. Camb., 1925. [Bees, pp. 29-57.] [N783]

BASTIN, Harold. *Insects: their life-histories and habits.* Illus., col. illus. Lond., 1913. [Bees, pp. 214-51, etc.] [X1191]

BINGLEY, William. *Animal biography.* V. 4. *Insects and worms.* Illus. Lond., 1820. [Bees, pp. 167-76.] [ML120]

BUDGEN, L. M. ("*Acheta Domestica*"). *Episodes of insect life.* 3 ser. Illus., col. illus. Lond., 1849-51. [Bees, V. 1, pp. 232-63, etc.] [D34]

CHEESMAN, [L.] E. *The Great little insect.* Lond., 1924. [Bees, pp. 172-82.] [L966]

FABRE, J. H. [C.] *The Life of the grasshopper;* tr. by A. T. de Mattos. Lond., [1918.] [C1332]

— *Moeurs des insectes.* Illus. Paris, 1918. [Bees, pp. 133-48.] [V1247]

QL 467

FIGUIER, Louis. The Insect world; tr. and rev. by E. W. Janson. Illus. Lond., 1869. [Bees, pp. 312-402.] [N1236]

MICHELET, Jules. The Insect. Illus. Lond., 1883. [Bees, pp. 293-332.] [Y160]

RENNIE, James. Alphabet of insects for the use of beginners; new ed., rev. Illus. Lond., 1834. [K212]

— Insect miscellanies. Illus. Lond., 1831. [Bees, pp. 212-14, etc.] [L561]

SHIPLEY, A. E. Studies in insect life. Illus. Lond., 1916. [Bees, pp. 37-89.] [T788]

QL 468

WESTWOOD, J. O. An Introduction to the modern classification of insects. 2v. Illus., col. illus. Lond., 1839. [Bees, V. 2, pp. 252-87.] [D1242-43]

QL 482 G

CATLOW, M. E. Popular British entomology. Illus. col. illus. Lond., 1848. [Bees, pp. 70-75.] [B1106]

CRABTREE, J. H. British insects and how to identify them. 62 pp. Illus., col. illus. Lond., 1923. [Bees, pp. 28-31.] [W877]

q **HARRIS, Moses.** An Exposition of English insects. Illus., col. illus. Lond., 1782. [Bees, pp. 130-38.] [J704]

IMMS, A. D. Insect natural history. Illus., col. illus. Lond., 1947. New naturalist ser. [Bees, pp. 95-125.] [ML420]

SAMOUELLE, George. The Entomologist's useful compendium. Illus., col. illus. Lond., 1819. [Bees, p. 69.] [O226]

STAVELEY, E. F. British insects. Illus., col. illus. Lond., 1871. [Bees, pp. 221-50.] [C964]

WESTELL, W. P. British insects (general). Illus., col. illus. Lond., 1923. Abbey nature bks. [Bees, pp. 94-99.] [L1069]

WOOD, J. G. Insects at home: being a popular account of British insects; new. ed. Illus., col. illus. Lond., 1887. [Bees, pp. 355-82.] [T713]

CARPENTER, G. H. Insect transformation. Illus. Lond., 1921. [Bees, pp. 237-40.] [X869]

DUNCAN, P. M. The Transformations (or metamorphoses) of insects. Illus. Lond., 1882. [Bees, pp. 266-87.] [D1248]

FABRE, J. H. [C.] Fabre's book of insects; retold from A. T. de Mattos' translation of Fabre's Souvenirs entomologiques, by R. Stawell. Illus., col. illus. N. York, 1937. [J1231]

QL 496

QL 496

- FABRE, J. H. [C.]** Insect life: souvenirs of a naturalist ; tr. by M. Roberts. Illus. Lond., 1913. [Bees, pp. 271-88.] [C1328]
- The Life and love of the insect ; tr. by A. T. de Mattos. Illus. Lond., 1918. [C1329]
- Social life in the insect world ; tr. by B. Miall. Illus. Lond., 1912. [Bee-hunter, pp. 150-78.] [O971]
- The Wonders of instinct ; tr. by A. T. de Mattos and B. Miall. Illus. Lond., 1918. [Mason-bees, pp. 260-61.] [C1336]
- FOREL, Auguste.** The Senses of insects ; tr. by M. Yearsley. Illus., col. illus. Lond., 1908. [Bees, pp. 261-68, etc.] [O288]
- LUBBOCK, John, 1st baron Avebury.** On the origin and metamorphoses of insects. Illus. Lond., 1890. [Bees, pp. 27-28, etc.] [P626]
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UNITED STATES.

- AMERICAN BEE JOURNAL.** Catalogue of books on bees and kindred subjects. 15 pp. Illus. Hamilton, n.d. [H375]
- HAWKINS, J. F.** Publications on beekeeping. 23 pp. Chester, n.d. [H1346]
- (in SF 523 U58) **MASSACHUSETTS AGRICULTURAL COLLEGE.** The Beekeeper's bookshelf. 1 p. Amherst, [c.1914.] Lib. leaflet, 6. In U.S. Agric. Exper. Stns. Papers. [D1163]
- PELLETT, F. C.** The Bee keeper's library. 14 pp. Des Moines, 1915. Iowa State Board of Agric. Bull., 4. [H1235]
- RICHTER, M. C.** List of books sold by M. C. Richter to University of California library. 6 pp. Berkeley, 1928. [Typescript]. [U896C]
- UNITED STATES : Dept. of Agriculture.** Agricultural library notes : list of agricultural libraries and libraries having large collections in the sciences pertaining to agriculture. 8 pp. Wash., 1938. [Typescript]. [J1355]
- List of publications on apiculture in the library ; comp. by V. E. Hitz and I. L. Hawes. Wash., 1930. [U825]
- **Bureau of Entomology.** Keep bees better [a list of bulletins, books and magazines on bee-keeping]. 3 pp. Wash., 1925. [H1248]

SF 519.3

UNITED STATES: Superintendent of Documents.

Insects : bees, honey and insects injurious to man, animals, plants and crops : list of publications relating to the above subjects ; 10th ed. 31 pp. Wash., 1920. Price list 41. [H599]
 25th ed. 20 pp. Wash., 1932. Price list 41. [H1266]

WISCONSIN UNIVERSITY: Miller Memorial Library. Catalogue of books on beekeeping. Wisconsin, [1937.] [Typescript reproduction]. [J1218]

SF 519.5

ENGLAND.

BRITISH BEE-KEEPERS' ASSOCIATION. Catalogue of the library; [comp. by H. J. O. Walker.] 29 pp. [Lond.,] 1912. [N785A-C]

GREAT BRITAIN: Ministry of Agriculture and Fisheries. Chronological list of early agricultural works in the library ; by G. E. Fussell. 43 pp. Lond., 1930. [Y791]

q — Cowan Memorial Library. Hand list of books in English printed after 1830 ; rev. ed. 26 pp. Lond., 1931. [Typescript.] [J792]

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MANLEY, R. O. B. Catalogue of books on bees. 12 pp. N.p., n.d. [Typescript.] [U896B]

ROTHAMSTED EXPERIMENTAL STATION LIBRARY. Catalogue of the printed books on agriculture published between 1471 and 1840 ; with notes on the authors, by M. S. Aslin. [Aberd., 1926?] [X894]

VASLET, Noel. Catalogue of authors and books upon the honey bee. 8 pp. Bray-on-Thames, 1934. [U896A]

WALKER, H. J. O. Descriptive catalogue of a library of bee books collected and offered for sale by H. J. O. Walker. Salterton, 1929. [R678A-B]

WHELDON & WESLEY, LTD. Bees and bee-keeping [extracts from sale catalogues]. 2 pp. Lond., 1931. [ML31]

SF 519.54

SCOTLAND.

PERTH AND KINROSS JOINT COUNTY COUNCIL: Education Committee: County Library. List of books on agriculture and kindred subjects. 23 pp. Perth, 1931. [H966]

SF 519.54

SCOTTISH BEEKEEPERS' ASSOCIATION:

Moir Library. Library catalogue. 4 pp. Alyth, 1915. S.B.A. leaflet, 10. [H917]
 [Condensed]. 8 pp. Cupar, 1921. S.B.A. leaflet, 10. [H918]

List of books added to the library since the condensed catalogue of 1921. 1 p. Cupar, 1924. S.B.A. leaflet, 10. [H919A-B]

List of new books added to the library since the supp. to the catalogue of 1924. 3 pp. N.p., 1930. [H920A-B]

Catalogue. 41 pp. Illus. Arbroath, 1933. Special lib. no. of the Scottish beekeeper, Oct., 1933.

q 31 pp. Edin., 1933. [Typescript.] [J859-60]

q 31 pp. Edin., 1933. [Typescript: special presentation copy to Mr. Moir.] [J858]

List of additions, 1940-44. 10 pp. Edin., 1945. [Typescript.] [ML244A-E]

SF 519.9

OTHER COUNTRIES.

A46 **ELSASS-LOTHRINGISCHER BIENENZÜCHTERVEREIN.** Katalog der bücher und schriften der Central Bibliothek; 3rd ed.; comp. by J. Dennler. 27 pp. Strassburg, 1909. [P1054]

R96 **SELSKOE xoziaistbo : katalog knig.** [Catalogue of books on agriculture.] Illus. Moscow, 1934. [S1207]

SF 520

**CONGRESSES. CONFERENCES.
EXHIBITIONS.**

SF 520.1

INTERNATIONAL.

.15 The **GREAT** gathering of the industrious bees. 3 pp. From Illus. Lond. news., Oct., 1851. [ML42]

INTERNATIONAL HEALTH EXHIBITION. Beekeeping: conferences by the British Beekeepers' Association on July 25th-26th, 1884. Foul brood [by F. R. Cheshire]; and, Adulteration of honey [by Otto Hehner]. 91 pp. Illus. Lond., 1884. [O329]

.154 **APIS CLUB.** Syllabus of conference in Aberdeen, August, 1931. 8 pp. Arbroath, 1931. [H1070]

.18 **APIS CLUB.** Salve! Apis Club: bilder und skizzen von der internationalen imker-tagung in Berlin, August, 1929 [by K. Freudenstein]. 16 pp. Illus. Marburg, 1929. [H1076]

SF 520.19 S97 **APIS CLUB.** Deuxième livre d'or de l'Apis Club international ; par Le Chanoine Delaigues. Texte français, anglais et allemand. Illus. 6, 45 pp. Paris, 1928. Encyclopédie d'apiculture. [ML389]

SF 520.5

ENGLAND.

BRITISH BEE-KEEPERS' ASSOCIATION.

Eight addresses given at the annual convention, Sept., 5th-7th, 1947. 48 pp. Illus. Crowborough, 1947. [ML411]

DORSET BEEKEEPERS' ASSOCIATION.

Second annual county honey show, Royal Counties' Agricultural show. Weymouth, 1935. 15 pp. Illus. Poole, 1935.

MIDLAND AND SOUTH WESTERN COUNTIES CONVENTION. Report of the lectures given at the conventions, 1929-35, 37-39. [H1079]

NATIONAL SHOW OF BEES AND HONEY, CRYSTAL PALACE. 7th-8th, 10th-14th shows: programmes. 1929-36. Lond., 1929-36. [H1065]

SF 521

SF 521.3

PERIODICALS AND SOCIETIES.

UNITED STATES.

A51 **The AMERICAN apiculturist.** V. 1-2, May, 1883-Dec., 1884 in 1 v. Salem, 1883-84. [S487]

The AMERICAN bee journal. V. 15-16, 1879-80; V. 20-22, 1884-86; V. 58-73, 1918-33; V. 80, 1940 to date. Hamilton, 1879-. [Incomplete].

AMERICAN HONEY INSTITUTE. Annual reports, 1934-35. Madison, 1934-35. [ML282]

AMERICAN HONEY PRODUCERS' LEAGUE. Annual report for year ending Jan. 26th, 1932. 80 pp. N.p., 1932. [ML196]

B41 **BEE-KEEPERS' magazine.** V. 7-9, 1879-81; V. 11-13, 1882-85. N. York, 1879-85. [Incomplete.] V. 11 has title Bee and poultry mag.

BEE-KEEPERS' review. V. 1-40, 1888-1927; V. 42-46, 1929-33. Almont, 1888-1933. [Incomplete.] 1917-19 and 1920-21 published as The Domestic beekeeper.

The BEE-KEEPERS' item. V. 8-24, 1924-40. San Antonio, 1924. [Incomplete.]

C15 **The CALIFORNIA culturist.** V. 1, 1858; V. 2, nos. 1, 12, 1859. San Antonio, 1858-59.

C71 **COLORADO HONEY PRODUCERS' ASSOCIATION.** Articles of incorporation and by-laws with amendments. 10 pp. Denver, 1915. [H1364]

- SF 521.3 C71 COLORADO STATE BEEKEEPERS' ASSOCIATION. Report for the year, 1909. 28 pp. Denver, 1910. [P1048]
- C96 The CULTIVATOR : a monthly journal devoted to agriculture, horticulture, floriculture. N.S. V.9, 1852. N. York, 1852. [J1096]
- D61 The DIXIE beekeeper. V. 5-11, 1924-30. Waycross., 1924-30. [Incomplete.]
- G55 GLEANINGS in bee culture. V. 3-72, 1875-1944. Medina, 1875-1944. [Incomplete.] Juvenile gleanings, V. 1-2, 1882-83. Medina., 1882-83. [Incomplete.]
- I59 UNITED STATES : Dept. of Agriculture. Bulletins. Insect life. V. 1-7, 1888-94. Wash., 1888-94. [Incomplete.]
- I64 IOWA STATE APIARIST. Reports, 1912-37. Des Moines, 1912-37.
- M62 MICHIGAN AGRICULTURAL EXPERIMENT STATION. Report; by the apiarist, F. L. Taylor, 1896. 30 pp. Lapeer, 1896. In U.S. Agric. Exper. Stns. Papers. [D1163]
- (in SF 523
U58) M68 MODERN beekeeping. Nos. 8, 10-11, 1947. Paducah, 1947.
- U58 UNITED STATES : Dept. of Agriculture. Matter on bees excerpted from the reports, 1851-78. Illus. Wash., 1852-79. [P1060] — Bur. of Entomology. Circulars, 1917-25. Wash., 1917-25. [J1038]
- W81 WISCONSIN beekeeping. V. 1-7, 1924-30 Madison, 1924-30. (Incomplete.)
- WISCONSIN STATE BEEKEEPERS' ASSOCIATION, INC. Constitution and membership. 40 pp. Madison, 1923. [ML67]

SF 521.47

SOUTH AMERICA.

- REVISTA de apicultura. V. 10, nos. 113-4, 117-20, V. 11, nos. 121-27, 1933-34. Buenos Aires, 1933-34.

SF 521.5

ENGLAND.

- ADMINSON, Ltd., and the Bee World. [Beginning of the Apis Club.] Oxf., 1920-24. [H1143]
- MACE, Herbert. Beekeepers' associations : a critical survey. 35 pp. Harlow, 1928. [H1069A-B]
- PEEL, H. R. County beekeepers' associations. 40 pp. Lond., 1881. [H1127]

- SF 521.5 **SEAGER, J. L.** County and district associations.
 (in SF 525 B86) 13 pp. N.p., 1883. In B.B.K.A. Papers. [K233]
- A59 **ANIMALS.** V. 2, no. 21; V. 3, nos. 25-31, 1925-26.
 Lond., 1925-26.
- B41 **BEE craft.** V. 1, 1919 to date. Rochester, 1919-.
- The BEE-KEEPERS' record.** V. 3-20, 1885-1902;
 V. 22-61, 1904-43. Lond., 1885-1943. [Incomplete.] After 1890 combined with Bee-keepers' adviser under title Bee-keepers' record and adviser.
- The BEE-KEEPING annual and diary,** 1928 to date.
 Lond., 1928-.
- The BEE master ; or, Beekeeper's journal.** V. 1, nos. 1-7, May, 1897-July, 1898. Sheffield, 1897-98. [T797]
- BEE world.** V. 1, 1919, to date. Camberley, 1919.
- BEEKEEPING.** V. 1-6, 1935-40; V. 11, 1945 to date.
 Exeter, 1935-.
- B56 **BETTER beekeeping,** Nos. 1-14, 1931-36. Marlborough, 1931-36.
- B86 **BRITISH bee journal and beekeepers' adviser.**
 V. 1, 1873 to date. Lond., 1873-.
- BRITISH bee-keepers' adviser and cottage bee-keeper.** V. 1, March, 1888-Feb., 1889. Illus. Kings Langley, 1888-89. [X1245]
- BRITISH BEE-KEEPERS' ASSOCIATION.**
 Reports, 1913-25. Lond., 1914-26. [ML398]
- COWAN, T. W. British Bee-keepers' Association jubilee : history of the Association. Illus. Lond., 1929. [Q679]
- C52 **CHESTER BEE-KEEPERS' ASSOCIATION.**
 Reports, balance sheets and lists of members, 1928-30. Manchester, 1928-30.
- C82 **CORNWALL BEE-KEEPERS' ASSOCIATION.**
 Annual reports, lists of members, etc., for 1927-28.
 Truro, 1927-28.
- C84 **The COTTAGE gardener.** V. 1-16, 1848-56. Lond., 1848-56.
- G21 **GARDENING.** V. 4, 1882-83; V. 7, 1885-86.
 Lond., 1882-86.
- G64 **GOOD bee-keeping.** V. 1, no. 1, 1944; N.S. V. 1, 1946 to date. Congleton, 1944, 46-.
- K37 **KENT BEEKEEPERS' ASSOCIATION.** Year books, 1929-32. Rochester, 1929-32.
- M62 **MIDDLESEX COUNTY BEEKEEPERS' ASSOCIATION.** Report, 1945. 51 pp. N.p., 1945. [ML399]
- N87 **NORTHERN apiarist.** V. 1-3, 1945-47. Sunderland, 1945-47.

- SF 521.5 R84 **ROTHAMSTED EXPERIMENTAL STATION : Bee Department.** Report, 1946, by C. G. Butler. 4 pp. St. Albans, [c.1947.] *Repr. from Rothamsted report, 1946.* [ML435]
- S69 **SOMERSET BEEKEEPERS' ASSOCIATION.** Lists of members, annual reports and balance sheets for 1923, 1933 and 1944-45. Taunton and Bridgwater 1923-45. [X925]
- S72 **SOUTH-EASTERN FEDERATION OF BEEKEEPERS' ASSOCIATIONS.** Year books, 1933, 1935, and 1936. Sussex, 1933-36. [X890]
- S96 **SURREY BEEKEEPERS' ASSOCIATION.** Reports, lists of members, balance sheets, etc. 1920-21, 1923, 1926-31. Wallington, 1920-31.
- U58 **UNIVERSAL magazine of knowledge and pleasure.** V. 91, July-Dec., 1792. Illus. Lond., 1792.
- W52 **WESTERN APIARIAN SOCIETY.** Rules. 18 pp. Exeter, 1799. [A1086]
- Transactions, 1800. 24 pp. Exeter, 1800. [A1087]
- W75 **WILTS., HANTS., AND DORSET BEE-KEEPERS' FEDERATION.** Annual report, 1933. 8 pp. 1933.
- Y65 **YORKSHIRE BEEKEEPERS' ASSOCIATION.** Annual report, 1924-25. Annual report, 1928, and Year book for 1929. Birmingham, 1924-28.

SF 521.54

SCOTLAND.

- ABERDEEN AND DISTRICT BEEKEEPERS' ASSOCIATION.** Abridged reports, rules and statement of accounts, 1943-44. Aberd., 1943-44. [ML397]
- ABERDEENSHIRE AND KINCARDINESHIRE BEE-KEEPERS' ASSOCIATION.** List of members, report and balance sheet, 1922. 83 pp. Aberd., 1923. [H1047]
- EAST OF SCOTLAND BEEKEEPERS' ASSOCIATION.** Annual report, 1930-31. Arbroath, 1930-31. [H1009]
- NORTH OF SCOTLAND COLLEGE OF AGRICULTURE.** Meeting of governors on Thursday, 21st June, 1917. 30 pp. Aberd., 1917. [H1040]
- NUTRITION abstracts and reviews.** V. 9-10, 1938-40. Aberd., 1938-40. [Incomplete.]
- The SCOTTISH beekeeper.** V. 1-2, 1898-1900. Hamilton, 1898-1900. [All publ.] V. 1, 1924 to date. Cupar, 1924-.

SF 521.54

SCOTTISH BEEKEEPERS' ASSOCIATION.

Cash book, 1912-20. 73 pp. (MSS.) [L777]

— Reports, 1891-93, 1912 to date.

— **Library Committee.** Minutes, Oct., 1915-Jan., 1921. 12 pp. [T887]— **Moir Library.** Conditions of transfer of the Moir Library to the care of the Edinburgh Public Libraries Committee, May, 1936. 6 pp. [Type-script.] [Y1185]

— Register of books lent, 1914 to date. Edin., 1914-. [T720]

SPEY VALLEY BEEKEEPERS' ASSOCIATION.

Rules and list of members. 11 pp. Dufftown, 1910. [I1096]

SF 521.56

IRELAND.**The BEEKEEPER (of Ireland).** V. 1-6, 1902-7. Dublin, 1902-7.**The BEEKEEPERS' gazette.** V. 1-33, 1911-35. Lough Rynn, 1911-35.**IRISH bee journal.** V. 1-10, 1901-10. Lough Rynn, 1901-10. [Continued in *The Beekeepers' gazette*.]**IRISH beekeeper.** V. 1, 1947. Lough Rynn, 1947.**IRISH BEEKEEPERS' ASSOCIATION.** Reports, 1912, 1917-32. Dublin, 1912-32.**SOUTH WEXFORD BEE-KEEPERS' ASSOCIATION.** Annual report, 1912. 8 pp. Wexford, 1913. [H1033]**WEXFORD BEEKEEPERS' ASSOCIATION.** Annual report, 1912. 14 pp. Enniscorthy, 1913. [H1032]

SF 521.58

WALES.**WELSH bee journal.** V. 1, 1946 to date. Newport, 1946-.**The WELSH bee-keeper.** V. 1-4, V. 5, nos. 1-6, 1923-27. Ammanford, 1923-27.

SF 521.6

BRITISH COLONIES AND DOMINIONS.

SF 521.61

CANADA.**BEEKEEPER.** V. 31, no. 5, 1923; V. 33-35, 1925-27; V. 40-41, 1932-33. Peterboro, 1923-33. [Incomplete.]**CANADA : Dept. of Agriculture : Bee Division.** Report of the Dominion apiarist, 1924-36. 9 pts. Illus. Ottawa, 1925-38. [ML271]

SF 521.61

CANADIAN bee journal. V. 7, 1891 ; N.S. V. 6-7, 1899-1900 ; V. 45-47, 1937-39. Booton, 1891-1939.

ONTARIO BEE-KEEPERS' ASSOCIATION. Annual reports, 1914-16. [H618] Toronto, 1915-17.

WESTERN gardener and beekeeper. Nos. 8, 11-12, 1924 ; no. 2, 1925. Winnipeg, 1924-25.

SF 521.631

SOUTH AFRICA.

SOUTH AFRICAN bee journal. V. 1-4, 6, 9-10, 12-16, 22, 1921-47. Johannesburg, 1921-47. [Incomplete.]

SF 521.641

INDIA.

The INDIAN bee journal. V. 1, nos. 2-8 ; V. 2, nos. 1-3, 1939-40. Almora, 1939-40.

SF 521.66

AUSTRALASIA.

The AUSTRALASIAN beekeeper. V. 31-42, 1929-40 ; V. 46-49, 1944-47. West Maitland, 1929-47. [Incomplete.] Absorbed Australian bee bull., Oct., 1911.

SF 521.661

AUSTRALIA.

AUSTRALIAN bee bulletin. V. 17, no. 7, 1908 ; V. 19, no. 6, 1910. West Maitland, 1908-10. Absorbed by the Australasian beekeeper, Oct., 1911.

AUSTRALIAN bee journal. V. 27, nos. 7, 8, 12, 1946 ; V. 28, nos. 1, 7, 9, 1947. Blackburn, 1946-47.

JOURNAL of Dept. of Agriculture, Victoria, Australia. V. 44, nos. 11-12, 1946. Melbourne, 1946.

VICTORIAN bee journal. V. 1-6, 1918-25. Melbourne, 1918-25. [Incomplete.]

SF 521.662

NEW ZEALAND.

NEW ZEALAND beekeeper. V. 5, nos. 5-7, 11-12 ; V. 6, no. 1, 1921-22. N.S. V. 1, nos. 1-4 ; V. 2, nos. 1-2, 1939-40. Dunedin, 1921-40.

NEW ZEALAND honeybee. V. 1, 1937 ; V. 2, nos. 1-6, 1938. Auckland, 1937-38.

NEW ZEALAND smallholder. V. 15-18, 1933-36. Auckland, 1933-36. [Incomplete.]

SF 521.7

FRANCE.

- L'APICULTEUR.** V. 77-78, 1933-34. Paris, 1933-34.
 [Incomplete.]
- L'APICULTEUR française.** V. 39-40, 1933-34 ;
 V. 41, nos. 1-3, 5-11, 1935. Bordeaux, 1933-35.
- BULLETIN de la Société d'Apiculture des Alpes-maritimes.** V. 6, nos. 51-54, 1927. Nice, 1927.
- La GAZETTE apicole.** V. 31-34, 1930-33 ; V. 48, 1947. Montfavet, 1930-. [Incomplete.]
- La REVUE française d'apiculture,** No. 19, 1947. Paris, 1947.

SF 521.8

GERMANY.

- A63 **ARCHIV für bienenkunde.** V. 1-4, 1919-22 ; V. 9-10, 1928-29 ; V. 13-16, 1932-35. Freiburg, 1919-35. [Incomplete.]
- B35 **Die BAYERISCHE biene.** V. 52, nos. 8-12, 1930. Nürnberg, 1930.
- B58 **Die BIENENPFLEGE.** V. 53, V. 54, nos. 1-2, 4-12, V. 55, 1931-33. Ludwigsburg, 1931-33.
- BIENEN-WIRTSCHAFTLICHES zentralblatt.** V. 66, nos. 1-4, 1930. Hanover, 1930.
- D48 **DEUTSCHE illustrierte bienenzeitung.** V. 50, nos. 5, 7-12 ; V. 51, nos. 1-5, 7-12, 1933-34. Leipzig, 1933-34.
- F53 **FISHER, Theodor.** Imker-Kalender für, 1925. Illus. Freiburg, 1925. [P979]
- L53 **LEIPZIGER bienen-zeitung.** V. 43-45, 1928-30 ; V. 48, 1933. Leipzig, 1928-33.
- M34 **MÄRKISCHE bienen-zeitung.** V. 12, 1922 ; V. 15-17, 1925-27 ; V. 19, 1929 ; V. 21-23, 1931-33. Potsdam, 1922-23. [Incomplete.]
- N48 **NEUE bienen-zeitung.** V. 25-32, 1926-33. Frankfurt, 1926-33. [Incomplete.]

SF 521.9

OTHER COUNTRIES.

- A93 **BIENEN vater.** V. 53, 1921 ; V. 59-60, 1927-28 ; V. 65-68, 1933-36. Vienna, 1921-36.
- B42 **L'APICULTEUR belge.** V. 1, 1899 ; V. 3-4, 1901-02. Renaix, 1899-1902.
- B93 **PCHELAR [The Beekeeper].** V. 16, pts. 1, 9-12, 1932 ; V. 17, pts. 1-8, 1933. Sofia, 1932-33.
- C99 **VCELA Moravská.** V. 65-67, 1931-33. Brno, 1931-33.
- D39 **TIDSSKRIFT for biavl.** V. 56, 1922 ; V. 61-64, 1927-30 ; V. 81-82, 1947-48. Copenhagen, 1922-48.

- SF 521.9 E32 **The BEE kingdom.** V.1-5, 1930-34; V. 8-12, 1937-41. Alexandria, 1930-41. [Incomplete.]
- H73 **De IMKER.** V. 2, no. 11, 1926. Gravenhage, 1926.
- VEREENIGING ter bevordering der bijenteelt in Nederland.** Maandschrift voor bijenteelt. V. 26, no. 1, 1923. Assen, 1923.
- I88 **L'ALVEARE.** V.5-6, 1932-33. Genoa, 1932-33. Absorbed by L'Apicoltore d'Italia.
- L'APICOLTORE d'Italia.** V. 1-7, 1934-40. Ancona, 1934-40. [Incomplete.]
- L'APICOLTORE moderno.** V.23-31, 1932-40. Turin, 1932-40. [Incomplete.]
- L'APICOLTURA italiana.** V.28-29, 1932-33. Turin, 1932-33. Absorbed by L'Apicoltore d'Italia.
- RIVISTA di apicoltura, 1932-33.** Genoa, 1932-33. [Quarterly supp. to L'Alveare.]
- J35 **NIPPON-NO-YOOHOO.** V. 2, no. 1; V. 3, nos. 2, 4-6, 8-9; V. 4, no. 2, 1928-30. Tara, 1928-30. [In Japanese.]
- YOHO no tomo.** [Bee-keeper's friend.] Gifu. [In Japanese.] [Specimen copy].
- N89 **BIVENNEN.** V.3-8, 1932-37. Christiansand, 1932-37.
- TIDSSKRIFT for biskjotsel.** V.44-45, 1928-29. Akershers, 1928-29.
- R96 **PCHELOVODSTU.** [Bee-keeping]. Nos. 5-6, May-June, 1941. Moscow, 1941. [In Russian.] [ML242-43]
- S74 La **COLMENA revista apicola.** V. 12, no. 128; V.13, nos. 140, 142, 146, 1933-34. Madrid, 1933-34.
- REVISTA apicola independiente.** V. 13, nos. 141, 143, 1934. Madrid, 1934.
- S96 **BITIDNINGEN.** V.25-28, 1926-29; V. 46-47, 1947-48. Huddinge, 1926-48. [Incomplete.]
- S97 **SCHWEIZERISCHE bienenzeitung.** V. 37-38, 1914-15; V. 50-52, 1927-29; V. 55-56, 1937-38. Aarau, 1914-38. [Incomplete.]

SF 522 DOCUMENTS. LAW AND LEGISLATION, INSPECTION,

SF 522.3 UNITED STATES.

AMERICAN HONEY PRODUCERS' LEAGUE.
A Treatise on the law pertaining to the honeybee.
88 pp. Madison, 1924. [T787]

- SF 522.3 (in SF523 U58) **HERRICK, G. W., and SCHOLL, E. E.** Foul brood of bees and foul brood law. 10 pp. Texas, 1908. Texas Agric. Exper. Stn. Bull., 116. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]
- (in SF538 U58) **HOWARD, L. O.** Recent laws against injurious insects in North America together with the laws relative to foul-brood. 20 pp. Wash., 1898. U.S. Dept. of Agric., Bur. of Entomol. Bull., 13. *In U.S. Dept. of Agric. Bee diseases.* [O1019]
- (in SF538 U58) **HOWARD, L. O. and BURGESS, A. F.** Laws in force against insects and foul brood in the United States. 28 pp. Wash., 1906. U.S. Dept. of Agric. Bur. of Entomol. Bull., 61. *In U.S. Dept. of Agric. Bee diseases.* [O1019]
- KANSAS ENTOMOLOGICAL COMMISSION.** Apiary inspection law, rules and regulations, apiary inspection and care of bees. 17 pp. Illus. Kansas, 1932. Circ., 10. [X1296]
- KILLION, C. E.** Bee diseases : cause and treatment. State laws applying thereto ; rev. ed. 22 pp. Illus. Paris, 1940. Illinois Dept. of Agric. : Apiary Div. Circ., 261. [ML36]
- KIRK, H. B.** Apiary inspection in Pennsylvania. 15 pp. Illus. Harrisburg, 1931. Pennsylvania Dept. of Agric. Bull., 499. [H1307]
- MUNRO, J. A.** Bee inspection in North Dakota. 11 pp. Illus. Bismarck, 1932. State Dept. of Agric. and Labor, N. Dakota. [H1311]
- UNITED STATES: Dept. of Agriculture: Bureau of Entomology.** Reports of the meeting of inspectors of apiaries, Nov., 1906. 79 pp. Illus. Wash., 1907. Bull., 70. * [H1245, O1019]
- (in SF523 U58) **YOUNGBLOOD, B[onney].** Texas foul brood law. 9 pp. Brazos, 1915. Texas Agric. Exper. Stn. Circ., 8. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]

SF 522.5

ENGLAND.

- OWNERSHIP of swarms :** legal aspect. 2 pp. *From British bee jnl., June and July, 1936.* [T787]
- GREAT BRITAIN : Parliament.** Bee disease bill, 1920. 4 pp. Lond., 1920. [ML400]
- PEEL, H. R.** Who is a bona fide cottager ? 23 pp. Lond., 1883. B.B.K.A. [I1128]

SF 522.54

SCOTLAND.

- q **MALCOLM, R. C.** Notes on the case, Wilson v. Fulton, at Dundee, Dec., 1933. 9 pp. Dundee, 1933. [Typescript.] [T787A]
- q **NOBLE, George.** The Beekeeper and the law. 10 pp. Glasg., 1933. [Typescript.] [T787B]
- (in SF 525.4 S43) **SCOTTISH BEEKEEPERS' ASSOCIATION.** Model constitution. 2 pp. N.p., 1929. Paper, n.s., 9. In S.B.A. Papers. [N781]

SF 522.56

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- H85 **HOWATSON, T. M.** The Apiarian's manual. Illus. Edin., 1827. [C101]
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- T59 **TINSLEY, Joseph.** Beekeeping. 94 pp. Illus. Glasg., 1945. [ML287-88, ML300]
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- W74 **WILSON, J. M.** Bee and Honey articles. 17 pp. From his Rural encyclopaedia, 1847. [ML33]

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- M71 **MINTO, C. S.** Portrait of a book-collector [J. W.
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- A95 **AVERY, G. W.** Bee-keeping for beginners. 31 pp. Illus. Edin., 1912. [H8, ML384]
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- T59 **TINSLEY, Joseph.** Beekeeping for beginners. 16 pp. Glasg., 1943. West of Scot. Agric. Coll. Bull., 142. [ML121-3]
— Hints and instructions to beginners in bee-keeping. 8 pp. Glasg., 1940. West of Scot. Agric. Coll. Bull., 138. [ML35]
— Practical advice to beginners in bee-keeping. 8 pp. Glasg., 1916. West of Scot. Agric. Coll. Bull., 70. [H363]
- T74 **TOWNSEND, E. D.** The Townsend bee book; or, How to make a start in bees. 87 pp. Illus. Medina, 1910. [O386, ML179]

- SF 530.3 V27 **VANSELL, G. H.** Beekeeping for the beginner in California. 52 pp. Illus. 1929. Calif. Agric. Extens. Service. Circ., 36. [H1337]
- W12 **WADEY, H. J.** Introducing bee-keeping. 74 pp. Illus. Bognor Regis, [1946.] [ML309, ML408]
- (in SF 526) W29 **WARRY, R. G.** Introduction to bee culture. 10 pp. Illus. Sydney, 1913. New South Wales. Dept. of Agric. Farmers' bull., 59. In Colonial Governments. Apicultural papers. [E1164]
- W36 **WEBB, Addison.** Beekeeping for profit and pleasure; ed. by F. M. Duncan. Illus. Lond., 1945. [ML276, 364]
- W38 **WEBSTER, W. B.** The Book of bee-keeping. Illus. Lond., [1888.] [F493]
2nd ed. Illus. Lond., [1905.] [F496B]
4th ed. Illus. Lond. [c. 1908.] [F494B]
6th ed. Illus. Lond., [1929.] [P495]

SF 530.5

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- The BEE people** [founded on M. W. Morley's work]. Illus. Lond., 1907. [M333]
- BEES.** 7 pp. Illus. From Girl's own book. [H1140]
- BEES, silkworms and inhabitants of the aquarium;** illus. by E. C. Rye. 96 pp. Lond., n.d. [M225]
- BEES, silkworms and the aquarium.** 96 pp. Illus. Lond., n.d. Beeton's country books. [L460]
- A **DESCRIPTION of above three hundred animals.** Illus. Glasg., 1794. [B173]
Illus. Edin., 1797. [B174]
Illus. Perth, 1807. [B175]
- HALF hours in the tiny world:** wonders of insect life. Illus. Lond., 1880. [V821]
- JENNY and the insects;** illus. by Giacomelli. Lond., 1880. [B122]
- WHO was the first architect?** or, Bees and bee-hives. 72 pp. Illus., col. illus. Lond., 1883. [B566]
- A18 **ACKROYD, [Mabel].** Honey and the honey bee. 14 pp. Illus. From Homestead readers: junior book. Dublin, n.d. [M499]
- A67 **ARCHER, E. E.** Young England hobbies: bee-keeping. 3 pp. Illus. From Young England, 1884. [J1095]
- B33 **BATH, W. H.** The Young collector's handbook of ants, bees . . . and flies. Illus. Lond., 1888. [A17]
2nd ed. Illus. Lond., 1890. [A18]

- SF 530.5 B47 **BENSUSAN, S. L.** The Children's story of the bee ; illus. by C. M. Park. Lond., 1909. [M328]
- B66 **BOCKENMÜHL, Erich.** Das Kleine bienenbuch. 47 pp. Illus. Halle, n.d. [M1115]
- B72 **BONSELS, Waldemar.** Maya : the adventures of a little bee ; tr. by C. Remfry-Kidd. Illus. Lond., [1923.] [R618]
- THOMALLA, Curt.** Bienen als filmarchitekten : Walter Bonsels' "Biene maja" im film. 4 pp. Illus. From Umschau, 1924. [J1030]
- B88 **BROWNING, G. H.** The Children's story-book of bees. Illus. Lond., 1933. [V868]
- B92 **BUCKLEY, A. B., aft. Fisher.** The Fairyland of science. Illus. Lond., 1892. [F568]
- B97 **BUSCH, Wilhelm.** Buzz a buzz ; or, The Bees ; tr. by W. C. Cotton. iv, 72, 10 pp. Illus. Lond., [1872.] [G462]
- C46 **CHAPMAN, A. D'A.** A Honey bee and her master. Illus., col. illus. Oxf., 1936. [D1138]
- C95 **CROSS, J. H.** The Hive and its wonders. Illus. Phil., 1851. [K258]
Illus. Edin. [1852?] [K259]
Illus. Lond. [1853?] R.T.S. [L479]
- D57 **DIGGES, J. G.** Beekeeping. 9 pp. Illus. From Homestead readers : senior book. Dublin, n.d. [M500]
— Honey, health and money. The Honey maker. 11 pp. From Our Homeland readers : senior book. Dublin, n.d. [M498]
- D91 **DUNCAN, F. M., and L. T.** Bees, wasps and ants. 87 pp. Illus., col. illus. Lond., 1917. Wonders of insect life. [K1101A]
87 pp. Illus., col. illus. Lond., 1923. [K1101B]
87 pp. Illus., col. illus. Lond., 1931. Wonders of insect life. [W834]
- D96 **DYER, G. P.** Elsie's adventures in insect-land. Illus. Lond., 1882. [A75]
- E94 **EWALD, Carl.** The Queen bee and other nature stories ; tr. from the Danish by G. C. Moore-Smith. Illus., col. illus. Lond., 1907. [Q658]
- F83 **FRANKLY.** The History of Frugal the wild bee. Col. illus. Lond., [1816.] [A82]
- H39 **HAWKS, Ellison.** Bees shown to the children. Illus., col. illus. Lond., [1912.] [L348]
- J54 **JENYNS [C.] F. G.** A Book about bees . . . for young readers. Illus. Lond., 1886. [C123]
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- SF 530.5 J73 [JOHNSTONE, C. I.] Scenes of industry displayed in the bee-hive and the ant-hill. Illus. Lond., [1829.] [K322, K747]
 2nd ed. Illus. Lond., 1830. [K211]
- L28 LANKESTER, E[dwin]. [The Bee.] 10 pp. *From The Uses of animals*, 1876. [K1076]
- L88 LOUDON, J. W. The Year-book of natural history for young persons. Illus. Lond., 1842. [B149]
- M18 MAETERLINCK, Maurice. The Children's life of the bee ; sel. and arr. by A. Sutro and H. Williams ; illus. by E. J. Detmold. Col. illus. Lond., [1919.] [G589]
- M49 MEETKERKE, C. E. The Guests at home. 61 pp. Lond., 1881. [O1012]
- M65 MILLER, Thomas. Birds, bees, and blossoms : original poems for children. Illus., col. illus. Lond., n.d. [C1283]
- M86 MORLEY, M. W. The Bee people ; 4th ed. Illus. Chicago, 1904. [E170]
- M89 MORWOOD, V. S. Facts and phases of animal life. Illus. Lond., 1882. [B172]
- N76 NOEL, Maurice. Buz ; or, The Life and adventures of a honey bee ; 2nd ed. Illus. Bristol, [1885.] [N826]
 Illus. N. York, 1892. [K989]
- P55 PHILLIPS, E. F., and NELSON, J. A. Beekeeping. 53 pp. Illus. N. York, 1920. Boy Scouts of America : "Be prepared" for merit badge examinations. [P1021]
- P56 PHILLIPS, M. G. Honey bees and fairy dust ; illus. by Ellen Edmonson. Col. illus. Phil., 1926. [R661]
- P86 POTTER, T. C. Queenie : the autobiography of an Italian queen bee. 82 pp. Illus. N. York, 1911. [N1133]
- P91 PRATT, C. S. Buz-buz : his twelve adventures ; illus. by L. J. Bridgman. Boston, [1898.] [O1014]
- R52 RICHARDSON, Mrs. The Story of a bee and her friends. vi., 63 pp. Col. illus. Lond., [1867.] [W897]
- S21 SANDHAM, [Elizabeth.] The Perambulations of a bee and a butterfly. Illus. Lond., 1816. [A901]
- S66 SMITH, V. J. Down among the beefolk : pen-pictures for young people. 74 pp. Illus. Lond., 1946. [ML347]
- S84 STEVENS, Frank. Adventures in hiveland. Illus. Lond., 1903. [S715]

- SF 530.5 T89 [TUCKER, C. M.] "A.L.O.E." Silver wings and golden scales. Illus. Lond., n.d. [G567]
 — Wings and stings : a tale for the young ; by A.L.O.E. Illus. Lond., 1864. [W870]
 V53 VERNEY, Lady F. P. Sketches from nature with pen and pencil. Illus. Lond., 1877. [V876]
 W18 WALL, Dorothy. The Tale of Bridget and the bees. 56 pp. Illus., col. illus. Lond., 1934. [C56]
 W79 WINTLE, L. and M. Tot and the cat . . . and Mrs. Bee. Illus. Lond., 1920. [L610]
 W87 WOOD, J. G. Bees. 27 pp. Illus. *From Our domestic pets.* [W941]

SF 531

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SF 531.2

BEEKEEPING AS A CAREER.

- QUICK, W. J. Beekeeping : to the disabled soldiers, sailors and marines : to aid them in choosing a vocation. 30 pp. Illus. Wash., 1919. Vocational rehabilitation ser., 37. [H1323]

SF 531.3

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- A37 ALEXANDER, E. W. Alexander's writings on practical bee culture ; ed. by H. H. Root. 4, 96 pp. Medina, 1909. [O1009]
 Ed. by H. H. Root ; 3rd ed. 4, 98 pp. Medina, 1910. [D17]
 B47 BENTON, Frank. Bee-keeping. 32 pp. Illus. Wash., 1897. U.S. Dept. of Agric. Farmers' bull., 59. [P1062.1]
 Rev. ed. 47 pp. Illus. Wash., 1905. U.S. Dept. of Agric. Farmers' bull., 59. [P1062.2]
 E53 EMERSON, G. L. The Honey industry in California. 4 pp. *From California : its products, etc.*, 1904. [P1040]
 H71 HOGE, W. M. & Co. American bee farms : how honey is produced on a gigantic scale. 24 pp. Illus. Lond., [1883.] [Y950]
 H97 HUTCHINSON, W. Z. Advanced bee culture : its methods and management ; 5th ed. Illus. Medina, 1918. [G416]
 K29 KELTY, R. H. Seasonal management for commercial apiaries. 58 pp. Illus. East Lansing, 1924. Michigan Agric. Coll. Exper. Stn. Bull., 135. [H1220]

- SF 531.3 L99 **LYON, D. E.** How to keep bees for profit. Illus. N. York, 1910. [ML339]
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- P38 **PELETT, F. C.** A Living from bees. Illus. N. York, 1944. [ML161]
 Rev. ed. Illus. N. York, 1946. [ML305]
 — Productive bee-keeping. Illus., col. illus. Phil., 1916. Lippincott's farm manuals. [G522]
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- P55 **PHILLIPS, E. F.** The Status of apiculture in the United States. 22 pp. Wash., 1909. U.S. Dept. of Agric. Bur. of Entomol. Bull., 75, pt. 6. [P1062.23]
- R78 **ROOT, A. I. Co.** Establishing an apiary. 22pp. Illus. Medina, 1912. [ML174]
- V95 **VOORHIES, E. C., and others.** Economic aspects of the bee industry; by E. C. Voorhies, F. E. Todd, and J. K. Galbraith. Illus. Berkeley, 1933. Univ. of Calif. Coll. of Agric. Exper. Stn. Bull., 555. [ML284]
- W31 **WASHBURN, R. S., and MARVIN, G. E.** Organization and management of apiaries producing extracted honey in the white clover region. 44 pp. Illus. Wash., 1935. U.S. Dept. of Agric. Bull., 481. [X1303]

SF 531.5

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- B26 **BARRATT, Gilbert.** Wholetime bee-keeping. 16 pp. Wilton, [1933.] [X867]
- M14 **MACE, Herbert.** Bee farming in Britain. Illus. Harlow, 1936. [B1181]
- M27 **MANLEY, R. O. B.** Honey farming. Illus. Lond., 1946. [ML297, ML325, ML333-35, ML403]
 — Honey production in the British Isles. Illus. Reading, 1936. [ML79, ML129, NI188]
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- M65 **MILLIN, G. F.** Bee farming: an interesting cottage industry. 5 pp. Illus. From Cassell's Britain at work. [ML84]
- R66 **ROBINSON, J. F.** British bee-farming: its profits and pleasures. Illus. Lond., 1880. [O216]
 2nd ed. Illus. Lond., 1889. [O217]
- S59 **SIMMINS, Samuel.** A Modern bee-farm and its economic management. Illus. Rottingdean, 1887. [ML164, O236A]
 Rev. ed. Illus. Lond., 1893. [O237]
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- SF 531.5 S59 **SIMMINS, Samuel.** £300 per annum from 30 acres; or, A Modern bee farm and its economic management; rev. ed. Illus. Lond., 1904. [X914]
 S92 **STUART, F. S.** Bee-keeping practice. Illus. Lond., 1945. [ML291]

SF 531.66

AUSTRALASIA.

- RAYMENT, Tarlton.** Money in bees in Australasia. Illus. Melbourne, [1916.] [R682]

SF 531.661

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- (in SF 526) **BEUHNE, F. R.** Bee-keeping industry in Victoria, Australia. 8 pp. Illus. Melbourne [c. 1913]. New South Wales. Dept of Agric. Bull., 24. In Colonial Governments. Apicultural papers. [E1164]

SF 531.662

NEW ZEALAND.

- NEW ZEALAND : Ministry of Agriculture.** Opportunities for small capitalists. 48 pp. Illus. Wellington, 1922. Handbooks for emigrants. [H1048A-B]

SF 532

HIVES AND APPLIANCES.

- ABBOTT BROS.** Illustrated price list of bee-hives and beekeepers' appliances for 1885. 32 pp. Illus. Lond., 1885. [H16]

- BRITISH STANDARDS INSTITUTION.** Bee-hives, frames and wax foundation. 24 pp. Illus. Lond., 1946. British standard, 1300 : 1946. [ML330-32]

- HASLUCK, P. N.** Beehives and bee-keepers' appliances. Illus. Lond., 1905. "Work" handbooks. [A93A]

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- (in SF 533.5) **SCOTTISH BEEHIVES, LTD.** Beehives and appliances [catalogue]. 54 pp. Illus. Perth, 1934. In Beekeepers' supplies : a collection of catalogues. [ML167]

- (in SF 533.5) **YOUNG, R. and J.** Bee hives and appliances [catalogue]. 24 pp. Illus. Dunoon, 1936. In Beekeepers' supplies : a collection of catalogues. [ML167]

SF 532.1

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[X1256, S1088]

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NEIGHBOUR, George & Son. Price list of hives. 3 pp. Col. illus. Lond., 1847. [H1104]

RAYNOR, George. Bee-houses and hives. 24 pp. Lond., 1882. [I1129]

(in SF525 B86) 2nd ed. 32 pp. Illus. N.p., 1882. In B.B.K.A. Papers. [K233]

(in SF525 W67) **WILDMAN, Thomas.** Of hives and bee-boxes. 4 pp. Illus. *From Universal mag.*, July, 1768. *Bnd. w.* his Directions for the management of bees. [ML43]

SF 532.13

STRAW.

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[**FILLEUL, P. V. M.**] "Country Curate." A Few hints on the management of the honey bee on the depriving system. 6 pp. Illus. Lond., 1860. [L490]

SF 532.15

WOOD.

ARMBRUSTER, Ludwig. Der Volkssparstock. 4 pp. Illus. Königsbrück, n.d. *Repr. from Archiv für bienenkunde.*"

(in S509) [**AUBREY, John?**] Directions for the making of colonies for bees and . . . a new . . . hive; by J. A. 9 pp. *In John Houghton's Collection of letters.* Lond., 1681. [C1187]

BARTRUM, Edward, and McCLELLAND, R. Bees in a bar-frame hive. 16 pp. Lond., 1897. Helpful hints for hard times. [A14A-B]

KINDIG, B. F. More honey at less cost: results with the large hive. 8 pp. Hamilton, 1925. *Repr. from Amer. bee jnl.*, March, 1925. [H1232]

LUNDGREN, Alexander. Kupsnickaren. Illus. Huddinge, 1919. [N1144]

LYON, F. Cheap bar-frame hives for cottagers' use. 7 pp. Lond., 1881. [H1109]

WHITE, Stephen. Collateral bee-boxes; or, A New easy and advantageous method of managing bees. 63 pp. Illus. Lond., 1756. [F565]

2nd ed. 65 pp. Illus. Lond., 1759. [O315]

3rd ed., imp. 47 pp. Illus. Lond., 1764. [B1164]

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- SF 532.15 **WILLOUGHBY-LANCE, H.** Bee hives. 13 pp.
Illus. Perth, 1935. *Repr. from Jnl. of Dept. of Agric. of Western Australia, Sept., 1935.* [H1397]
- ZANDER, E. [D. H.]** Bienenwohnung und bienenpflege; 4th ed. 50 pp. Illus. Berlin, 1928. *Zeitgemäße bienenzucht*, 1. [U811]
- C61 **GOUTTEFANGEAS, J. M., and G. B.** L'Arnia claustrale e il metodo claustrale; tr. from the French by C. Passerini; 2nd ed. Illus. Torino, 1907. [X946]
- D12 **DADANT & Sons.** The Modified Dadant hive. 11 pp. Illus. Hamilton, 1919. [H578]
- D19 **DANZENBAKER, F.** Facts about bees: management of Danzenbaker's hive; 10th ed. 63 pp. Illus. Medina, c. 1903. [H1359]
- D26 **DAVIS, S.** S. Davis' platform bee-hive with instructions. 14 pp. Illus. Claremont, 1853. [L754]
- E19 **JONES, John.** The Eclectic hive; or, Directions for the management of Jones's Herefordshire collateral bee-boxes. 54 pp. Illus. Hereford, 1843. [D1361]
- G29 **GEDDE, John.** A New discovery of an excellent method of bee houses and colonies. 30 pp. Illus. Lond., 1675. [L454]
- G51 **DANYELL, A. J.** The Italian system of bee-keeping, being an exposition of Don Giotto Ulivi's economical frame hives and honey extractor. 24 pp. Illus. Lond., 1876. [K992]
- H90 **HUISH Robert.** Instructions for using the Huish hive. 26 pp. Lond., 1819. *Bnd. w. his Cottager's manual.* [D111] (*in SF525 H90*)
- I59 **LEE, James & Son Ltd.** The Insulator hive. 20 pp. Illus. [Uxbridge,] 1919. [ML274]
- M96 **MUNN W. A.** A Description of the bar-and-frame-hive invented by W. A. Munn, with an abstract of Wildman's Complete guide for the management of bees; [2nd ed.] 52 pp. Illus. Lond., 1851. [M306]
- N27 **GREAT BRITAIN : Ministry of Agriculture and Fisheries.** The "National" single-walled hive. 5 pp. Illus. Lond., 1936. Marketing leaflet, 79. [ML23, ML246]

- SF 532.15 S62 **BURGESS, J. T. & Son.** The "Smith-Burgess" skyscraper hive. 2 pp. Illus. Exeter, n.d.
- DUGAT, M. [P. A. M.]** The Skyscraper hive. xvi, 78 pp. Illus. Lond., 1948. [ML421-22]
- SMITH, S. H.** Let the bees tell you!; 3rd ed. 48 pp. Illus. Camb., 1920. [F564]
- S85 **BARTRUM, Edward.** The Stewarton: the hive of the busy man. 45 pp. Illus. Lond., 1881. [K806]
- W W. B. C. pattern bee hive. 2 pp. Illus. From Woodworker, March, 1941. [ML69]

SF.532.17 GLASS (INCLUDING OBSERVATORY HIVES).

- O14 **ANDERSON, John.** The Nicolson observatory bee-hive and how to use it. 15 pp. Illus. Aberd., 1916. [H365A-B]
- BIGELOW, E. F.** The Educational bee-hive for observation, instruction and experiment. 15 pp. Illus. Medina, 1905. [H1357]
- HERROD-HEMPASALL, William.** How to make an observatory hive; with modifications by David Robb. 13, 4 pp. *Repr. from Beekeepers' record*, Sept.-Dec., 1922. [H1073]
- MOIR, J. W.** Glass sides for observatory hives. 2 pp. *From British bee jnl.*, April, 1911. [H1101]
- (in SF523 U58) **NICKELS, L. J.** How to make an observation hive. 13 pp. Illus. Berkeley, 1911. Calif. Univ. Coll. of Agric. Exper. Stn. Circ., 63. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]

SF 532.19 OTHER TYPES.

- P99 **DUCOUËDIC DE VILLENEUVE, P. L.** La Ruche pyramidale; 2nd ed. enl. Illus. Paris, 1813. [D71]

SF 532.3 HIVE CONSTRUCTION.

- CARSTENS, Bruno.** Bastelbuch des imkers. Illus. Leipzig, 1938. [G1353]

SF 532.5 SPECIAL PARTS OF THE HIVE.

SF 532.51 BASE AND STAND.

- The "GLASSEL" hive stand. 1 p. Illus. N.p., n.d. [H1024]

SF 532.54

SUPERS.

ROOT, E. R., and DEYELL, M. J. Food-chamber and what it does. 14 pp. Illus. Medina. n.d. [H1272A-B]

SF 532.57

COMB FOUNDATION.

(in SF523 U58) **GILLETTE, C. P.** Apiary experiments : foundation in comb building. 28 pp. Illus. Fort Collins, 1900. Colorado Agric. Coll. Exper. Stn. Bull. 54. In U.S. Agric. Exper. Stns. Apicultural papers. [D1163]

ROOT, A. I. Co. Buy three-ply airco foundation for speed. 24 pp. Illus. Medina, n.d. [H1274]

SF 532.6

APPLIANCES OTHER THAN THOSE USED IN BEE HANDLING, e.g., SCALES.

MORLAND, D. M. T. A Recording scale for bee hives. 5 pp. Illus. Camb., 1929. *Repr. from Annals of applied biology*, May, 1929. [X1273]

WHITCOMB, Warren. Recommendations for shipping cages for bees. 9 pp. Illus. [Wash.], n.d. U.S. Dept. of Agric. Bur. of Entomol. [ML111]

(in SF525 B86) **WHITE, C. N.** Combination feeder, and combination floorboard, and cottager's hive. 3 pp. N.p., 1883. In B.B.K.A. papers. [K233]

SF 532.7

APPLIANCES FOR HANDLING BEES.

TAYLOR, E. H. Bee appliances and how to use them ; 3rd ed. Illus. St. Albans, 1906. [L472A]
4th ed. Illus. St. Albans, 1911. [L472B]

SF 532.71

SMOKERS.

ROOT, A. I. Co. The Essentials of a good smoker. 16 pp. Illus. Medina, n.d. [H1363]

SF 533

CATALOGUES OF BEEKEEPERS' SUPPLIES.

General Catalogues only. Catalogues of special apparatus in 532.

SF 533.3

UNITED STATES.

KIDDER, K. P. Bee book. 33 pp. Illus. Burlington, 1861. [H1355]

- SF 533.3 **ROOT, A. I. Co.** Root quality bee supplies ; 14th ed.
 64 pp. Illus. Medina, 1921. [H531]
 48 pp. Illus. Medina, 1931. [H1278]

SF 533.5

ENGLAND.

- BEEKEEPERS' supplies:** a collection of catalogues.
 Illus. 1932-37. [ML167]
- BURTT & SON.** Beekeepers' supplies, 1939. 26 pp.
 Illus. Gloucester, 1939. [ML24]
- EAST DEAN APIARIES.** Catalogue. 4 pp. East-
 bourne, 1927. [H1003]
 4 pp. Eastbourne, 1928. [H1050]
- GALE, A. W.** Bees, queens, hives and appliances.
 42 pp. Illus. Marlborough, 1936. *In Bee-*
 keepers' supplies : a collection of catalogues.
 [ML167]
- Keep bees for pleasure and profit [catalogue].
 14 pp. Illus. Marlborough, 1936. *In Beekeepers'*
 supplies : a collection of catalogues. [ML167]
- PETTITT, W. J.** Pettitt's illustrated catalogue of
 improved bee hives and apiarian furniture. 17 pp.
 Illus. Dover, n.d. [H199]
- TAYLOR, E. H.** Taylor's bee supplies. 44 pp. Illus.
 Welwyn, 1930. *In Beekeepers' supplies : a*
 collection of catalogues. [ML167]

SF 533.54

SCOTLAND.

- (in SF533.5) **EMSLIE, David.** Beekeepers' supplies. 20 pp.
 Illus. Elgin, 1936. *In Beekeepers' supplies : a*
 collection of catalogues. [ML167]
- (in SF533.5) **ORME LODGE APIARY.** Catalogue. 23 pp.
 Illus. Glasg., n.d. [H559]
- STEELE, R., and BRODIE.** Beekeepers' supplies.
 81 pp. Illus. Wormit, 1936. *In Beekeepers'*
 supplies : a collection of catalogues. [ML167]

SF 534

BEE BREEDING. QUEEN REARING.

- ARMBRUSTER, Ludwig.** Bienenzüchtungskunde.
 Pt. 1. Illus. Leipzig, 1919. Bücherei für bienen-
 kunde, V. 1. [X904]
- GILMAN, A.** Practical bee-breeding. Illus. Lond.,
 [1928.] [ML72, R677]
- ZANDER, E. [D. H.]** Züchterische bestrebungen zur
 veredelung der honigbiene. 40 pp. Illus. Berlin,
 1918. [ML111]

SF 534.1

EXPERIMENTS IN BREEDING AND CROSSING.

- NOLAN, W. J.** Bee breeding. 23 pp. Illus. Wash., 1937. *Repr. from U.S. Dept. of Agric. Yearbook, 1937.* [ML425]
- Breeding the honeybee under controlled conditions. 50 pp. Wash, 1932. U.S. Dept. of Agric. Bull., 326. [ML427]
- SHAFER, G. D.** A Study of the factors which govern mating in the honey bee. 19 pp. Illus. East Lansing, 1917. Michigan Agric. Coll. Exp. Stn. Bull., 34. [H1261]
- SLADEN, F. W. L.** Mendelian methods applied to apiculture. 11 pp. Illus. *From Canadian bee jnl., Dec., 1912.* [O1013]
- WEDMORE, E. B.** The Bee of the future. 21 pp. *From Beecraft, Oct. 1938-July, 1939.* [ML48]

SF 534.3

SPECIAL BREEDS.

SF 534.32

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- SWAFFIELD, J. E.** Carniolan queens and bees [catalogue]. 4 pp. Illus. Cheltenham, [1924.] [H1092]
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- A Letter [on Punic bees and the Bee master.] 2 pp. Sheffield, 1905. [Also two MSS. letters to J. W. Moir.] [H1037]
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- A43 **ALLEY, Henry.** The Bee-keeper's handy book; or, Twenty-two years' experience in queen-rearing. Illus. Wenham, 1883. [D7]
- B65 **BLOW, T. B.** A Bee-keeper's experience in the East, among the queen-raisers in the north of Italy and Carniola. 48 pp. Illus. Welwyn, 1887. [W864]
- B78 **BOWEN, A. H.** About queens. 8 pp. Illus. Cheltenham, n.d. [H1064A-B]
- B79 **BOZZALLA, Enrico.** *Apis ligustica* bees and queens [catalogue and price list]. 11 pp. Illus. Crevacuore, 1920. [H1113]
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- C97 **CUNNINGHAM, J[ames].** Queen rearing in small apiaries. 4 pp. N.p., 1929. Scottish Beekeepers' Assoc. Paper, n.s., 12. *In S.B.A. Papers*. [N781]
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- F24 **FARRAR, C. L., and SCHAEFER, C. W.** A Preliminary report on the influence of stock on super-sedure, or loss, of queen bees. 13 pp. Illus. [Wash.,] 1939. U.S. Dept. of Agric. Bur. of Entomol. and Plant Quarantine, 473. [ML107]
- K64 **KLEIN, J.** Die Moderne königinnenzucht. Illus. Berlin, [1909.] [L993]
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- M43 **MATTHEWS, G. C.** Queen rearing. 8 pp. St. Paul, 1920. Univ. of Minnesota, Agric. Extens. Div. Bull., 49. [H1308]
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- P45 **PERRET-MAISONNEUVE, A[drien].** L'Apiculture intensive et l'élevage des reines. Illus. Paris, [1923.] [S716]
- P55 **PHILLIPS, E. F.** The Rearing of queen bees. 32 pp. Illus. Wash., 1905. U.S. Dept. of Agric. Bur. of Entomol. Bull., 55. [X848, P1062.22]

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- P91 [PRATT, E. L.] "Swartmore." Baby nuclei. 32 pp. Illus. Swartmore, 1905. Papers on apiculture, 2. [X898]
- Commercial queen rearing : cell getting. 45 pp. Illus. Swartmore, 1905. Swartmore, no. 3. [X899]
- P96 **PRITCHARD, M. T.** Modern queen-rearing. 16 pp. Illus. Medina, 1922. Right way ser. [H1205]
- R51 **RICHARDS, Arnold.** Some observations on queen rearing and introduction, with special reference to M. Perret-Maisonneuve's recent inventions. 8 pp. Illus. Lond., [1935.] [H1145, S1079]
- S59 **SIMMINS, Samuel.** "Queen land." 16 pp. Illus. Heathfield, n.d. [ML30]
- S63 **SLADEN, F. W. L.** Queen-rearing in England. 56 pp. Illus., col. illus. Lond., 1905. [F492]
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- S65 **SMITH, Jay.** Queen rearing simplified. Illus. Medina, 1923. [Q644]
- S67 **SNELGROVE, L. E.** Queen rearing ; 1st ed. Illus. Bleadon, 1946. [ML298-99]
- S78 **STANLEY.** Stanley's school of queen rearing. V. 1, no. 1. 4 pp. Boulder, 1920. [P980]
- T59 **TINSLEY, Joseph.** The Rearing of queen bees. 14 pp. Illus. Glasg., 1944. West of Scot. Agric. Coll. Bull., 145. [ML155-60]
- V28 **VAN ZWALUWENBURG, R. H., and VIDAL, Rafael.** Rearing queen bees in Porto Rico. 12 pp. Illus. Wash., 1918. Porto Rico Agric. Exper. Stn. Circ., 16. [H598]
- W24 **WANKLER, Wilhelm.** Die Königin ; 4th ed., rev. Illus. Freiburg, 1924. Bücherei für bienenkunde, 7. [S1161]
- W29 **WARRY, R. G.** Rearing queen bees. 14 pp. Illus. Sydney, 1913. New South Wales. Dept. of Agric. Farmers' bull., 62. In Colonial Governments. Apicultural papers. [E1164]
- (in SF526) **ZANDER, E. [D. H.]** Zucht u. pflege der bienen-königen ; 4th ed., rev. 45 pp. Illus. Berlin, 1933. Zeitgemäße bienenzucht, V. 2. [U812]

SF 534.51

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- MACKENZEN, Otto, and ROBERTS, W. C.** A Manual for the artificial insemination of queen bees. 33 pp. Illus. [Wash.,] 1948. U.S. Dept. of Agric. Bur. of Entomol. and Plant Quarantine, 250. [ML433]
- NOLAN, W. J.** Success in the artificial insemination of queen bees at the bee culture laboratory. 8 pp. N.p., 1929. *Repr. from Jnl. of economic entomol.*, June, 1929. [ML424]
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- WATSON, L. R.** Controlled mating of queen bees ; 1st ed. 50 pp. Illus. Hamilton, 1929. [Q666]
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SF 534.53

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- HERMANN, H. C.** The Italian Alp-bee ; or, The Gold mine of husbandry : short . . . instructions to breed genuine prolific Italian queens. 28 pp. Lond., 1860. [H1082]
- 32 pp. Lond., 1860. *Bnd. w. J. H. Payne's Beekeeping for the many.* [W841]

SF 535

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NECTAR AND POLLEN.

- The MAKING of a bee garden.** 2 pp. Illus. *From The Times*, Jan., 1939. [ML41]
- ALLEN, M. Y.** European bee plants. Illus. Alexandria, 1937. [D1348]
- BEALE, R.** Flower culture and bees. 12 pp. *From his Paying pleasures of country life.* Lond., n.d. [N760]
- "A BEEKEEPER."** Something about the honey-bee. 3 pp. *From Chambers's jnl.*, June, 1884. [X1276, S1091]

SF 535

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- GIBSON, J[ohn].** Flowers and bees. 9 pp. *From his Science gleanings, 1884.* [II1139]
- LOVELL, J. H.** Conspicuous flowers rarely visited by insects. 30 pp. *Repr. from Jnl. of animal behaviour, May and June, 1914.* [ML181]
- The Flower and the bee. Illus. Lond., 1920. [P428]
- The Insect-visitors of flowers. 9 pp. N.p., 1898. *Repr. from Bull. of Torrey Botanical Club, July, 1898.* [ML188]
- Three fluvial flowers and their visitors. 5 pp. N.p., n.d. [ML189]
- MOFFAT, C. B.** Bees and flowers. 10 pp. *From Irish naturalist, April, 1913.* [S1169]

SF 535.1

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- PRYCE-JONES, John.** Some problems associated with nectar, pollen and honey. 46 pp. Illus. Lond., 1944. *Repr. from Proc. of Linnean Soc. of Lond., Jan., 1944.* [ML154]

SF 535.13

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- KENOYER, L. A.** Environmental influences on nectar secretion. 14 pp. Illus. Ames, 1916. Iowa State Coll. of Agric. and Mechanic Arts Exper. Stn. Bull., 37. [ML195, X1297, H1366]

SF 535.15

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- ARMBRUSTER, L[udwig], and OENIKE, G.** Die Pollenformen als mittel zur honigherkunftsbestimmung. Illus. Neumünster, 1929. Bucherei für bienenkunde, 10. [T804]
- EDGEWORTH, M. P.** Pollen. Illus. Lond., 1877. [O960]
- TOD, F. E., and BISHOP, R. K.** The Role of pollen in the economy of the hive. 7 pp. [Wash.,] 1941. U.S. Dept. of Agric. Bur. of Entomol. and Plant Quarantine, 536. [ML109]

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ZANDER, E. [D. H.] Pollengestaltung und herkunftsbestimmung bei blütenhonig. Illus. Berlin, 1935. Beiträge zur herkunftsbestimmung bei honig, I. [S1197]

SF 535.17

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SAUVAGES, P. A. B. de. A Curious and interesting account of a substance . . . which the bees collect and turn to honey. 4 pp. From Annual register, 1768. [ML45]

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The SWEETS we extract: the manna and milk sugars. 16 pp. Illus. From Science. [M230]

APPLEGARTH, John. Manna and honey-dew. 2 pp. From Proc. of Calif. Acad. of Sciences, 1873. [P1058]

RÖSCH, G. A. Beobachtungen an kittharz sammelnden bienen. 9 pp. Illus. N.p., 1927. Repr. from Biolog. zentralblatt, Feb., 1927. [ML12]

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C46 **PARKS, H. B.** Legumes for Texas beekeepers. 11 pp. Illus. 1927. Texas Agric. Exper. Stn. Circ., 46. [H1319]

SF.535.3

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LOVELL, J. H. The Colors of northern polypetalous flowers. 40 pp. Boston, 1902. Repr. from Amer. naturalist, March, 1902. [ML193]

MUIR, John. Bee pastures of California. 15 pp. Illus. From Century illus. mag., June, July, 1882. [X939]

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- OERTEL, Everett.** Honey and pollen plants of the United States. 64 pp. Illus. Wash., 1939. U.S. Dept. of Agric. Circ., 554. [ML97]
- PELETT, F. C.** American honey plants. Illus. Hamilton, 1920. [G422, G523]
- (in SF523 U58) **RICHTER, M. C.** Honey plants of California. 70 pp. Illus. Berkeley, 1911. Calif. Univ. Agric. Coll. Exper. Stn. Bull., 217. In U.S. Agric. Exper. Stns. Apicultural papers. [D1163]
- (in SF523 U58) **SANBORN, C. E., and SCHOLL, E. E.** Texas honey plants. 31 pp. Illus. Texas, 1908. Texas Agric. Exper. Stn. Bull., 102. In U.S. Agric. Exper. Stns. Apicultural papers. [D1163]
- VANSELL, G. H.** Nectar and pollen plants of California. 60 pp. Illus. Berkeley, 1931. Univ. of Calif. Coll. of Agric. Exper. Stn. Bull., 517. [H1338]
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- DOBBIE, Henry.** Bee pasturage. 75 pp. Lond., [1886.] [W943]
- HARWOOD, A. F., ed.** British bee plants. 81 pp. Illus. Taunton, n.d. Apis Club. [ML375]
- HOWES, F. N.** Plants and beekeeping. Illus. Lond., 1945. [ML277, ML286]

SF 535.661

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- BEUHNE, F. R.** The Honey flora of Victoria. Illus. Melbourne, 1922. Australia. Dept. of Agric. [S1166]
- RAPHAEL, T. D.** Honey and pollen flowers in Tasmania. 37 pp. Illus. Tasmania, 1940. Tasmania. Dept. of Agric. Bull., 15. [ML414]

SF 535.7

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- DELAIGUES, A[rthur].** Les Abeilles et les fleurs : plantes mellifères ; 3rd ed. 36 pp. Illus. Paris, 1926. [ML61]

SF 535.8

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ZANDER, E. [D. H.] Die Bienenweide. Illus. Stuttgart, [1931.] Handbuch der bienenkunde, 7. [ML9]

SF 535.9

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S74 **FÁBREGUES, M. P.** Flora apicola de Espana. Barcelona, 1904. [L996]

SF 536

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BUTLER, C. G. The Honey bee. 4 pp. N.p., 1942. *Repr. from Nature*, Dec., 1942. [ML136]

GAMBLE, Reginald. The National importance of bee-keeping. 7 pp. Lisburn, 1946. Northern Ireland Hortic. Development Assoc. Bee-keeping Div. (Ulster Bee-keepers' Assoc.) Bull., 3. [ML351-2]

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— The Value of hive and wild bees in the production of fruit. 24 pp. Illus. Lond., 1923. [I1083]

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HUTSON, Ray. Relation of the honeybee to fruit pollination in New Jersey. 32 pp. Illus. New Brunswick, 1926. New Jersey Agric. Exper. Stn. Bull., 434. [H1303]

KELLOG, C. R. Questions about bees in the orchard. 2 pp. Amherst, 1934. Massachusetts State Coll. Circ., 19. [H1376]

KELTY, R. H. Renting or keeping bees for use in the orchard. 11 pp. Illus. East Lansing, 1929. Mich. State Coll. of Agric. and Applied Science Bull., 56. [H1036]

MURNEEK, A. E. Fruit pollination. 12 pp. Illus. Columbia, 1930. Univ. of Missouri Coll. of Agric. Exper. Stn. Bull., 283. [H1312]

SF 536

- ROOT, E. R.** Bees and fruit. 23 pp. Illus. Medina, [1932.] [H1271]
- THOMPSON, F.** Importance of bees in agriculture. 6 pp. Illus. [Rochester,] 1937. *Repr. from Bee-craft, Feb. and March, 1937.* [ML21]
- WOODROW, A. W.** The Comparative value of different colonies of bees for fruit pollination. 29 pp. N. York, 1931. [H1354]
- WORTHEN, E. L.** Bees and agriculture. 5 pp. *From Illinois agriculturist, 1901.* [H1391]

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- GOSSARD, H. A., and WALTON, R. C.** Dissemination of fire blight. 44 pp. Illus. Wooster, 1922. Ohio Agric. Exper. Stn. Bull., 357. [X1290]
- HILDEBRAND, E. M., and PHILLIPS, E. F.** The Honeybee and the beehive in relation to fire blight. 22 pp. Illus. Wash., 1936. *Repr. from Jnl. of agric. research, May, 1936.* [ML64]

SF 536.9

FERTILIZATION OF SPECIAL CROPS BY POPULAR NAME.

- A64 **MacDANIELS, L. H., and HEINICKE, A. J.** Pollination and other factors affecting the set of fruit, with special reference to the apple. 47 pp. Illus. Ithaca, 1929. Cornell Univ. Agric. Exper. Stn. Bull., 497. [H1379]
- B92 **LEIGHTY, C. E.** Buckwheat. 24 pp. Illus. Wash., 1919. U.S. Dept. of Agric. Farmers' bull., 1062. [P1041]
- C64 **RICHMOND, R. G.** Red-clover pollination by honeybees in Colorado. 22 pp. Illus. Fort Collins, 1932. Colorado Agric. Coll. Exper. Stn. Bull., 391. [H1326]
- O63 **TRYON, Henry.** Entomology : bees and orange blossoms. 5 pp. Brisbane, 1898. *Repr. from Queensland agric. jnl., 1898.* [S1171]
- P35 **TUFTS, W. P.** Pollination of the Bartlett pear. 24 pp. Illus. Berkeley, 1919. Univ. of Calif. Coll. of Agric. Exper. Stn. Bull., 307. [X1302]
- P73 **HENDRICKSON, A. H.** Plum pollination. 28 pp. Illus. Berkeley, 1924. Univ. of Calif. Coll. of Agric. Exper. Stn. Bull., 310. [X1294]
- P97 — Common honey bee as an agent in prune pollination. 8 pp. Illus. Berkeley, 1916. Univ. of Calif. Coll. of Agric. Exper. Stn. Bull., 274. [X1293, D1163]

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BEE HUNTING.**

SF 537.1 DRIVING AND HIVING.

- BARE, O. S.** Transferring bees from box-hives. 2 pp. Lincoln, 1930. Nebraska Agric. Coll. and U.S. Dept. of Agric. Circ., 301. [H1378]
- CORKINS, C. L.** Drifting of honeybees. 24 pp. Illus. Laramie, 1932. Univ. of Wyoming Agric. Exper. Stn. Bull., 190. [H1374]
- (in SF523 U58) **MILLEN, F. E.** Transferring bees. 16 pp. Illus. Michigan, 1915. Mich. Agric. Coll. Exper. Stn. Bull., 76. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]
- Transferring of bees. 12 pp. Illus. Toronto, 1920. Ontario. Dept of Agric. Fruit Branch, Circ., 27. [H1382, ML198]
- q **ROOT, A. I. Co.** Transferring bees from box hives or log gums to movable frame hives. 4 pp. Illus. Medina, 1931. [H1277]
- SECHRIST, E. L.** Transferring bees to modern hives. 14 pp. Illus. Wash., 1918. U.S. Dept. of Agric. Farmers' bull., 961. [P1062.28]
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- Rev. by J. I. Hambleton. 9 pp. Illus. Wash., 1932. U.S. Dept. of Agric. Farmers' bull., 961. [ML101]
- THOMPSON, F.** A Quick and simple method of hiving a swarm. 3 pp. Illus. N.p., n.d. [ML22]
- (in SF523 U58) **WRIGHT, W. R.** Transferring colonies of bees. 1 p. Stillwater, 1909. Oklahoma Agric. Exper. Stn. Bull., 170. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]

SF 537.15 STINGS AND THEIR TREATMENT.

- (in SF525 B86) **GRIMSHAW, R. A. H.** The Sting and its poison. 7 pp. N.p., 1883. *In B.B.K.A. Papers.* [K233]

SF 537.17

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BECK, B. F. Bee venom therapy. N. York, 1935.
[S1118]

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Illus. Aberd., 1920. North of Scot. Coll. of
Agric. Bull., 27. [H584A-B]

SF 537.3

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MY bees. 5 pp. From Chambers's jnl., Oct., 1870.
[S1089]

B47 **BENT, E. R.** Swarm control survey. 87 pp. Col.
illus. Aldershot, 1946. [ML326-7]

F16 **FAIRALL, J.** My natural non-swarming system. 8 pp.
Hailsham, n.d. [ML178]

G48 **GILMAN, A.** The Cause and prevention of swarming.
10 pp. Lond., 1929. [H1063]

L67 **LEWIS, G. B.** How to control swarming. 8 pp.
[Watertown,] 1920. [ML63]

M86 **MORLAND, D. M. T.** On the causes of swarming in
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X1271]

N54 **NEWELL, Wilmon.** Experiments in artificial division
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[H1316]

P51 **PETTIT, Morley.** Natural swarming of bees and how
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[H1386, E1164]

R66 **ROBINSON, N. M.** Control of swarming. 4 pp.
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R78 **ROOT, A. I. Co.** Swarming. 8 pp. Illus. Medina,
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S43 **SCUDAMORE, Edward.** Artificial swarms; 2nd
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S67 **SNELGROVE, L. E.** Swarming: its control and
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 Illus. Paulton, 1935. [X889 (2), ML82-3]
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 [ML256, ML260]
- S93 **STURGES, A. M.** Swarm control and comb honey production. 61 pp. Illus. Eastbourne, 1927. [I540]
- T59 **TINSLEY, Joseph.** Swarm prevention and control. 4 pp. N.p., 1941. *Repr. from Scott. farmer*, April, 1941. [ML124-26]
- W12 **WADEY, H. J.** Swarming and its control. 10 pp. Alexandria, 1938. *Repr. from Bee kingdom*, May, 1938. Bee kingdom leaflets, 19. [ML65]
- W38 **WEBSTER, W. B.** Webster's swarm catcher. 3 pp.
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- W42 **WEIPPL, Theodor.** Das Schwärmen der bienen; 3rd ed. 92 pp. Illus. Berlin, 1937. [X1310]

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- FARRAR, C. L.** New recommendations for the installation of package bees, using a spray and direct-release method. 7 pp. Illus. [Wash.] 1938. U.S. Dept. of Agric. Bur. of Entomol. [ML105]
- KEEN, G. H.** Introducing queen bees. 14 pp. West Maitland, n.d. [H1114]
- (in SF525 B86) **RAYNOR, George.** Queen introduction: the Ligurian queen bee; 2nd ed. 24 pp. Illus. Kings Langley, 1884. In B.B.K.A. Papers. [K233]
- ROBERTS, D.** Roberts queens. 8 pp. Newport, [1939.] [H1149]
- SIMMINS, Samuel.** Facts for bee-keepers: the Simmins method of direct introduction. 28 pp. [Lond.] 1882. [H1107]
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- TURNER, N. H.** Descriptive catalogue of Fairways honey queens and bees, with hints on introduction. 15 pp. Kent, n.d. [H1136]
- WALDRON, T. N., Ltd.** A Guide to enable you to recognise the most accurately made wire queen excluder. 6 pp. Illus. Stratford-on-Avon, 1930. [H1095]
- WOODROW, A. W.** Some effects of temperature, relative humidity, confinement, and type of food on queen bees in mailing cages. 13 pp. Illus. [Wash.] 1941. U.S. Dept. of Agric. Bur. of Entomol. and Plant Quarantine, 529. [ML108]

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OF THE HIVE.**

- CURRIE, G. A.** Research on bees [pollen substitutes] : a progress report. 7 pp. Melbourne, 1932. *Repr. from Jnl. of Council for Scientific and Industrial Research, Australia, 1932.* [S1158A]
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- ROOT, E. R.** Feeds and feeding. 32 pp. Illus. Medina, [1914.] [H1201A]
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- SCHAEFER, C. W., and FARRAR, C. L.** The Use of pollen traps and pollen supplements in developing honeybee colonies. 7 pp. Illus. [Wash.] 1941. U.S. Dept. of Agric. Bur. of Entomol. and Plant Quarantine, 531. [ML102]

SF 537.51

SUGAR.

- WALKER, George.** Feeding bees. 20 pp. Kings Langley, 1884. B.B.K.A. Papers, 9. [H1131. In K233]

SF 537.54

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- A72 **ARMBRUSTER, Ludwig.** Der Wärmehaushalt im bienenvolk. Illus. Berlin, 1923. [X903]
- B97 **BURTT, and Son.** How to winter bees successfully. 12 pp. Gloucester, [1932.] [H1106]
- C79 **CORKINS, C. L.** The Metabolism of the honeybee colony during winter. 54 pp. Illus. Laramie, 1930. Univ. of Wyoming Agric. Exper. Stn. Bull., 175. [H1291]
- G25 **GATES, B. N.** Temperature of the bee colony. 29 pp. Illus. Wash., 1914. U.S. Dept. of Agric. Bur. of Entomol. Bull., 96. [P1062.10]
- G64 **GOODERHAM, C. B.** Wintering bees in Canada. 13 pp. Illus. Ottawa, 1922. Canada. Dept. of Agric. Pamphlet, 22. [H1301A]
 31 pp. Illus. Ottawa, 1926. Canada. Dept. of Agric. Bee Div. Bull., 74. [H1301B]

- SF 537.54 G78 **GREAT BRITAIN : Ministry of Agriculture and Fisheries** Methods of obtaining strong stocks of bees for over-wintering. 4 pp. Lond., 1918. [H900]
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- J79 **JONES, S. A.** Honeybees: wintering, yields, imports and exports of honey. 12 pp. Wash., 1915. U.S. Dept. of Agric. Bull., 325. [P1062.12]
- M65 **MILNER, R. D., and DEMUTH, G. S.** Heat production of honeybees in winter. 18 pp. Illus. Wash., 1921. U.S. Dept. of Agric. Bull., 988. [H1211]
- P12 **PADDOCK, F. B.** Wintering bees in Iowa. 8 pp. Ames, 1927. Iowa State Coll. of Agric. and Mechanic Arts. Bull., 141. [H1256]
- P38 **PELLETT, F. C.** Wintering bees in Iowa. 20 pp. Illus. Ames, 1914. Iowa State Coll. of Agric. and Mechanic Arts Agric. Extens. Bull., 22. [H1230]
- P51 **PETTIT, Morley.** The Wintering of bees in Ontario. 24 pp. Illus. Toronto, 1917. Ontario. Dept. of Agric. Fruit Branch. Bull., 256. [H1387A-B]
- P55 **PHILLIPS, E. F., and DEMUTH, G. S.** The Temperature of the honeybee cluster in winter. 16 pp. Illus. Wash., 1914. U.S. Dept. of Agric. Bull., 93. [H1246, P1062.24]
- R78 **ROOT, E. R.** Wintering bees. 62 pp. Illus. Medina, [1913.] Beekeeper's ten cent lib., 11. [H1207]
 72 pp. Illus. Medina, 1923. Right way ser. [H1207]
- S63 **SLADEN, F. W. L.** Wintering bees in Canada. 12 pp. Illus. Ottawa, 1920. Canada. Dept. of Agric. Bull., 43. [H574]
- T92 **TUPPER, E. S.** Winter bee-keeping. 3 pp. Wash., 1867. In U.S. Dept. of Agric. Reports. [P1060]
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U58) **W74 WILSON, H. F., and MILUM, V. G.** Winter protection for the honeybee colony. 47 pp. Illus. Madison, 1927. Univ. of Wisconsin Agric. Exper. Stn. Bull., 75. [H1341]

SF 537.55

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- COWAN, T. W.** Wintering bees; 3rd ed., rev. and enl. 16 pp. Illus. [Lond.,] 1886. [H1097. In K233]
- KELTY, R. H.** The Tar-paper packing case for wintering bees. 4 pp. Illus. East Lansing, 1929. Mich. State Coll. of Agric. and Applied Science Bull., 77. [H1370]

SF 537.55

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TINSLEY, Joseph. Wintering of bees. 20 pp. Illus. Glasg., 1928. West of Scot. Coll. of Agric. Bull., 114. [H1053]

SF 537.56

WINTERING IN CELLARS, ETC.

in SF 526)

FIXTER, John. Experiments in wintering, 1897-98. 6 pp. Ottawa, 1898. In Colonial Governments. Apicultural papers. [E1164]

(in SF 523 U58) **JAGER, Francis.** Wintering of bees. 2 pp. N.p., n.d. In U.S. Agric. Exper. Stns. Apicultural papers. [D1163]

PHILLIPS, E. F., and DEMUTH, G. S. Wintering bees in cellars. 24 pp. Illus. Wash., 1918. U.S. Dept. of Agric. Bur. of Entomol. Farmers' bull., 1014. [P1062.27]

22 pp. Illus. Wash., 1928. U.S. Dept. of Agric. Bur. of Entomol. Farmers' bull., 1014. [H1239]

SF 537.57

HIVE INSULATION.

BUTLER, C. G., and COCKBILL, G. F. Preliminary investigations on the value of electric heating of beehives. 9 pp. N.p., 1942. *Repr. from Annals of applied biology*, Feb., 1942. [ML139]

WEDMORE, E. B. Electric heating of beehives (Second report), and the scale proper to comparative experiments with stocks of bees. 10 pp. Illus. Lond., 1946. Brit. Electrical and Allied Industries Research Assoc. Tech. report, w/T 13. [ML369-70]

— The Ventilation of bee-hives. Illus. Petts Wood, 1947. [ML377]

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DEYELL, M. J. How to build up an apiary with combless package bees. 16 pp. Illus. Medina, 1932. [H1273]

JAGER, Francis. Management of bees : care of bees in spring. 4 pp. N.p., 1919. Univ. of Minnesota Agric. Extens. Div. Bull., 38. [H1249]

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— Spring management of bees. 14 pp. Illus. Medina, 1907. Bee-keepers' ten-cent lib. [ML176]

SF 537.6

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COWAN, T. W. Doubling and storifying for extracted and comb honey, and the prevention of swarming. 16 pp. Illus. Kings Langley, 1887. Guide book pamph., 1. [III42]

SF 537.7

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[**AVERY, G. W.**] Beekeeping : rapid increase of colonies for restocking purposes. 4 pp. [Edin.,] n.d. Edin. and East of Scot. Coll. of Agric. [H10A-B]

GREAT BRITAIN : Ministry of Agriculture and Fisheries. How to increase stocks of bees. 4 pp. Lond., 1918. Food Production leaflet, 48. [H901]

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WILD bees and bee-hunting. 5 pp. From Chambers's jnl., Aug., 1886. [S1092]

LOCKARD, J. R. Bee hunting. 72 pp. Columbus, [1908.] [L389]

McCOOK, H. C. Hunting wild bees. 8 pp. Illus. From Harper's monthly mag., 1906. [X1268]

TALBOT, F. A. The Craft of the bee-hunter : Mr. J. C. Bee Mason's sixteen years chase. 19 pp. Illus. From World's work. [H1008A-B]

SF 537.9

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MORRISON, W. K. Moving and shipping bees. 16 pp. Illus. Medina, n.d. [H1358]

SF 538

DISEASES AND PESTS.

- B17 BALDENSPERGER, P. J. Les Maladies des abeilles. Illus. Dax, 1928. [ML392]
- G25 GATES, B. N. Bee diseases in Massachusetts. 12 pp. (in SF538 U58) Illus. Wash., 1908. U.S. Dept. of Agric. Bur. of Entomol. Bull., 75, pt. 3. In U.S. Dept. of Agric. Bee diseases. [O1019]
- G64 GOODERHAM, C. B. Bee diseases. 4 pp. Ottawa [c. 1921]. Canada. Dept. of Agric. Bee Div. Circ., 105. [H1380]
- G69 GOULD, A. C. Diseases of the honeybee and their control. 18 pp. Illus. N.p., 1929. State of N. York. Dept. of Agric. and Markets. Circ., 381. [H1302]
- G78 GREAT BRITAIN: Ministry of Agriculture and Fisheries. Diseases of bees. 25 pp. Illus. Lond., 1946. Bull., 100. [ML293]
- K29 KELTY, R. H. Diseases of bees in Michigan. 12 pp. Illus. East Lansing, 1921. Mich. Agric. Coll. Bull., 107. [H1305]
- K97 KÜSTENMACHER, M[ax]. Die Bienenkrankheiten nach den neuesten forschungen. 19 pp. Illus. Berlin, n.d. [A1146]
- M41 MAASEN, Albert, and BORCHERT, Alfred. Untersuchungen über die bienenkrankheiten. 10 pp. From Mitt. aus der Biologischen Reichsanstalt für Land und Forstwirtschaft, 1920. [ML237]
- M64 MILLEN, F. E. Bee diseases in Ontario. 23 pp. Illus. Toronto, 1920. Ontario. Dept. of Agric. Fruit Branch. Bull., 276. [H1383, ML385]
- M85 MORGENTHALER, Otto. Bienenkrankheiten im jahre, 1918. 6 pp. N.p., 1919. Repr. from Schweiz. bienenzeitung, 1919. [ML226] 1920. 8 pp. N.p., 1921. Repr. from Schweiz. bienenzeitung, 1921. [ML227] 1932. 12 pp. Illus. N.p., 1933. Repr. from Schweiz. bienenzeitung, 1933. [ML20] Das Studium der bienen-krankheiten. 6 pp. N.p., 1914. Repr. from Schweiz. bienenzeitung, 1914. [ML230]
- N56 NEWTON, CHAMBERS & CO., LTD. Paralysis, nosema, acarine, diseases of bees. 24 pp. Illus. Sheffield, n.d. [H1045A-B]
- O59 ONTARIO: Dept. of Agriculture. Bee diseases in Ontario. 11 pp. Toronto, 1911. Bull., 190. In Colonial Governments. Apicultural papers. [E1164] (in SF526)

- SF 538 P12 [PADDOCK, F. B.] Control of bee diseases and pests. 23 pp. Illus. Ames, 1929. Iowa State Coll. of Agric. and Mechanic Arts Bull., 154. [H1258]
- (in SF 526) P51 PETTIT, Morley. Bee diseases in Ontario. 16 pp. Illus. Toronto, 1912. Ontario. Dept. of Agric. Fruit Branch. Bull., 197. In Colonial Governments. Apicultural papers. [E1164]
Rev. ed. 19 pp. Illus. Toronto, 1915. Dept. of Agric. Bull., 213. [H1385, E1164]
- (in SF 538 U58) P55 PHILLIPS, E. F. Occurrence of bee diseases in the United States (preliminary report). 25 pp. Wash., 1911. U.S. Dept. of Agric. Bur. of Entomol. Circ., 138. In U.S. Dept. of Agric. Bee diseases. [O1019]
- (in SF 538 U58) P55 — and WHITE, G. F. Historical notes on the causes of bee diseases. 96 pp. Wash., 1912. U.S. Dept. of Agric. Bur. of Entomol. Bull., 28. In U.S. Dept. of Agric. Bee diseases. [O1019]
- T72 TOUMANOFF, Constantin. Les Maladies des abeilles. Illus. Paris, 1930. [C1240]
- U58 UNITED STATES : Dept. of Agriculture. Publications on bee diseases. Illus. Wash., 1898-1918. [O1019]
- W73 WILLOUGHBY-LANCE, H. Diseases of bees. 16 pp. Illus. Perth, 1936. Western Australia. Dept. of Agric. Leaflet, 468. [H1398]

SF 538.1

DIAGNOSIS (GENERAL WORKS : DIAGNOSIS OF SPECIAL DISEASES WITH THE DISEASE).

- [BETTS, A. D.] The Diseases of bees : their signs, causes and treatment, vi, 49 pp. Illus. Camberley, [1934.] Apis Club. [X927, ML92]
- McCRAY, A. H., and WHITE, G. F. The Diagnosis of bee diseases by laboratory methods. 15 pp. Illus. Wash., 1918. U.S. Dept. of Agric. Bur. of Entomol. Bull., 671 [H450, O1019]
- PHILLIPS, E. F. The Treatment of bee diseases. 22 pp. Illus. Wash., 1911. U.S. Dept. of Agric. Farmers' bull., 442. [H1345, O1019]
- ROOT, E. R. Bee diseases : how to know and how to treat them. 31 pp. Illus. Medina, 1924. [H1268]
- WHITE, G. F. The Relation of the etiology (cause) of bee diseases to the treatment. 10 pp. Wash., 1908. U.S. Dept. of Agric. Bur. of Entomol. Bull., 75, pt. 4. [O1019A-B]

SF 538.2

BROOD DISEASES.
(Inc. GENERAL WORKS ON FOUL BROOD).

- A42 ALLEN, M. Y. Foul brood. 8 pp. [N. Thorpe], n.d.
 Yorkshire Beekeepers' Assoc. [H1093A-B]
 5 pp. [Thorpe, 1932]. Yorkshire Beekeepers'
 Assoc. [H1093C]
- A72 ARMBRUSTER, Ludwig. Liegt hier bösartige
 faulbrut vor; oder, Eine andere brutstörung?
 21 pp. Illus. Neumünster, 1928. *Repr. from*
Bienenzüchter, 1928. [ML15]
- B82 BRAY, W. B. Foul-brood in bees, and its treatment.
 (in SF526) 7 pp. Wellington, 1910. New Zealand. Dept of
 Agric. Bull., 1. *In Colonial Governments. Apicul-*
tural papers. [E1164]
- B97 BURRI, R[obert]. Bakteriologische untersuchungen
 über die faulbrut und sauerbrut der bienen. 40 pp.
 Illus. Aarau, 1906. [ML209]
 — Der Gegenwärtige stand der faulbrutforschung.
 20 pp. N.p., 1917. *Repr. from Schweiz. bienen-*
zeitung, 1917. [ML211]
- C52 CHESHIRE, F. R., and CHEYNE, W. W. The
 Pathogenic history, and history under cultivation of
 a new bacillus (B. alvei), the cause of a disease of the
 hive bee hitherto known as foul brood. 62 pp.
From Jnl. of Roy. Microscop. Soc., Aug., 1885.
 [Typescript]. [O1011]
- G78 GREAT BRITAIN: Ministry of Agriculture and
 Fisheries. Foul brood or bee pest; rev. ed. 5 pp.
 Illus. Lond., 1911. Leaflet, 3. [H5, H904]
- H31 HARRISON, F. C. Foul brood of bees. 32 pp. Illus.
 (in SF 526) Toronto, 1900. Ontario. Dept. of Agric. Bull., 112.
In Colonial Governments. Apicultural papers.
 [E1164]
- I65 IRELAND: Dept. of Agriculture and Technical
 Instruction. Foul brood, or bee pest; rev. ed.
 10 pp. Illus. Dublin, n.d. Leaflet, 48.
 [H1002A-B]
 12 pp. Illus. Dublin, 1928. Leaflet, 48.
 [H1144]
- K96 KÜRSTEINER, J. Ueber desinfektion faulbrütiger
 bienenwaben mit hilfe von autan. 8 pp. N.p.,
 1910. *Repr. from Schweiz. bienenzeitung*, 1910.
 [ML232]
- L65 LEUENBERGER, Fritz. Bericht über die faul-
 brutversicherung des vereins schweizerischer
 bienenfreunde pro 1909. 13 pp. Illus. Aarau,
 1910. [ML213]

- SF 538.2 L65 **LEUENBERGER, Fritz.** Faulbrutversicherung (contd.)
 1910. 14 pp. Illus. Aarau, 1911. [ML214]
 1911. 12 pp. Illus. Aarau, 1912. *Repr. from* Schweiz. bienenzeitung, 1912. [ML215]
 1912. 8 pp. Aarau, 1913. *Repr. from* Schweiz. bienenzeitung, 1913. [ML216]
 — Jahresbericht über die faulbrut versicherung des vereins schweizer bienenfreunde pro 1913. 8 pp. Illus. Aarau, 1914. *Repr. from* Schweiz. bienenzeitung, 1914. [ML217]
 1914. 8 pp. Illus. Aarau, 1915. *Repr. from* Schweiz. bienenzeitung, 1915. [ML218]
 1915. 9 pp. Illus. Aarau, 1916. *Repr. from* Schweiz. bienenzeitung, 1916. [ML219]
 1916. *Repr. from* Schweiz. bienenzeitung, 1917. [ML220]
 1917. 8 pp. Illus. Aarau, 1918. *Repr. from* Schweiz. bienenzeitung, 1918. [ML221]
 1918. 7 pp. Illus. Aarau, 1919. *Repr. from* Schweiz. bienenzeitung, 1919. [ML222]
 — Die Faulbrut der bienen; 2nd ed. 16 pp. Bern, 1909. [ML208]
- M13 **McCRAY, A. H.** Spore-forming bacteria of the apiary. 22 pp. Illus. *From* Jnl. of agric. research, March, 1917. [P1062.15]
- (in SF523 U58) M64 **MILLEN, F. E.** Foul brood. 7 pp. Mich., 1914. Mich. State Agric. Coll. Exper. Stn. Bull., 64. *In* U.S. Agric. Exper. Stns. Apicultural papers. [D1163].
- M85 **[MORGENTHALER, Otto.]** Faulbrutforschungen in Dänemark. 9 pp. Illus. N.p., 1916. *Repr. from* Schweiz. bienenzeitung, 1916. [ML228]
- M86 **MORLAND, D. M. T.** Brood diseases of bees. 8 pp. St. Albans, n.d. *Repr. from* Rothamsted Conference Report, 18. [ML144]
- P12 **PADDOCK, F. B.** Brood diseases of bees. 8 pp. Illus. Ames, 1932. Iowa State Coll. of Agric. and Mechanic Arts. Bull., 183. [H1373, X1299]
- Foulbrood. 8 pp. Illus. Ames, 1922. Iowa State Coll. of Agric. and Mechanic Arts. Bull., 97. [H1344]
- P38 **PELLETT, F. C.** Brood diseases of bees. 6 pp. Illus. Atlantic, 1914. Office of State Bee Inspector, Bull., 3. [H1228]
- (in SF523 U58) P51 **PETTIT, R. H.** Foul brood. 12 pp. Illus. Mich., 1912. Mich. State Agric. Coll. Exper. Stn. Bull., 58. *In* U.S. Agric. Exper. Stns. Apicultural papers. [D1163]

- SF 538.2 P55 **PHILLIPS, E. F.** Brood diseases of bees. 5 pp.
 (in SF 538 U58) Wash., 1906. U.S. Dept. of Agric. Bur. of Entomol.
 Circ., 79. In U.S. Dept. of Agric. Bee diseases.
 [O1019]
- R66 **ROBINSON, N. M.** Foulbrood and its treatment.
 (in SF 525.4 S43) 4 pp. N.p., 1929. Scott. Beekeepers' Assoc.
 Paper, n.s., 3. In S.B.A. Papers. [N781]
 4 pp. Aberd., n.d. Marischal Coll., Bee
 Disease Investigation. [H585]
- R84 **ROTHAMSTED EXPERIMENTAL STATION.**
 Brood diseases of bees: being the report of a
 conference held at Rothamsted, May 19th, 1934,
 under the chairmanship of Sir E. J. Russell. 46 pp.
 Harpenden, 1934. Rothamsted conferences, 18.
 [X929, O965]
- S59 **SIMMINS, Samuel.** Foul brood. 23 pp. Kings
 Langley, 1884. B.B.K.A. Papers, II. [I1097, In
 K233]
- T19 **TARR, H. L. A.** Abridged report of the brood disease
 investigation for the year ending Sept. 30th, 1936.
 12 pp. Illus. N.p., 1936. *Repr. from Bee world*,
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 — Bacillus alvei and Bacillus para-alvei. 4 pp.
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 1936. [X1279]
 — Brood diseases of the bee. 36 pp. Illus. The
 Hague, 1937. *Repr. from Tabulae biologicae*, V. 14.
 [ML51]
- W58 **WHITE, G. F.** The Bacteria of the apiary with special
 reference to bee diseases. 50 pp. Wash., 1906.
 U.S. Dept. of Agric. Bur. of Entomol., No. 14.
 [H443, O1019A-B]
- W59 **WHITELOW, T. E.** Bee-keeping notes: foul brood.
 (in SF 526) 8 pp. Illus. Adelaide, 1912. South Australia.
 Dept. of Agric. In Colonial Governments. Apicul-
 tural papers. [E1164]
- Z27 **ZANDER, E. [D. H.]** Die Faulbrut. 4, 32 pp. Illus.
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 [ML10]
- SF 538.21 **BACILLUS DISEASE: AMERICAN FOUL
 BROOD.**
- B24 **BARE, O. S.** American foulbrood. 4 pp. Nebraska,
 1931. Nebraska Agric. Coll. and U.S. Dept. of
 Agric. Circ., 302. [H1377]

- SF 538.21 B96 **BURNSIDE, C. E.** The Nitrite nitrogen test for Bacillus larvae. 4 pp. N.p., 1940. *Repr. from Jnl. of economic entomol.*, April, 1940. [ML113]
- The Thermal resistance of Bacillus larvae. 7 pp. N.p., 1940. *Repr. from Jnl. of economic entomol.*, April, 1940. [ML113]
- C₇₇ **COOK, A. J.** Foulbrood. 8 pp. Mich., 1890. Mich. Agric. Coll. Exper. Stn. Bull., 61. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]
- D₃₈ **DEMUTH, G. S.** American foul brood conquered. 15 pp. Illus. Medina, 1923. *Repr. from Gleanings in bee culture*, Nov., 1923. [H1208]
- F₇₅ **FOSTER, Wesley.** Loss from foul brood and poor management. 10 pp. Illus. Fort Collins, 1912. Colorado State Entomologist. Circ., 3. [H1297]
- G₄₆ **GILBERT, C. H.** Surface tension of disinfecting solutions for American foulbrood. 15 pp. Illus. Laramie, 1928. Univ. of Wyoming Agric. Exper. Stn. Bull., 159. [H1300]
- H₁₉ **HAMBLETON, J. I.** The Treatment of American foul brood. 13 pp. Illus. Wash., 1933. U.S. Dept. of Agric. Farmers' bull., 1713. [X1291]
- H₃₄ **HASEMAN, Leonard, and CHILDEERS, L. F.** Controlling American foulbrood with sulfa drugs. 16 pp. Illus. Columbia, 1944. Univ. of Missouri Coll. of Agric. Exper. Stn. Bull., 482. [ML254]
- H₉₈ **HUTZELMAN, J. C.** Save the combs : Hutzelman's solution for American foulbrood. 8 pp. Illus. Medina, n.d. [H1210A-C]
- P₁₂ **PADDOCK, F. B.** Control of American foulbrood. 11 pp. Illus. Ames, 1935. Iowa State Coll. Exten. Service. Circ., 212. [H1117]
- P₅₅ **PHILLIPS, E. F.** Control of American foulbrood. 15 pp. Illus. Wash., 1928. U.S. Dept. of Agric. Bur. of Entomol. Farmers' bull., 1084. [H569C-E]
- S₆₄ **SMITH, C. D., and RANKIN, J. M.** Foul brood. (in SF523 U58) 11 pp. Illus. Mich., 1901. Mich. Agric. Coll. Exper. Stn. Bull., 14. *In U.S. Agric. Exper. Stns. Apicultural papers.* [D1163]
- S₉₃ **STURTEVANT, A. P.** The Development of American foul brood in relation to the metabolism of its causative organism. 40 pp. Illus. *From Jnl. of agric. research*, April, 1924. [H1217]
- T₁₉ **TARR, H. L. A.** Studies on American foul brood of bees. 3 pts. 8, 11, 8 pp. Camb., 1937-38. *Repr. from Annals of applied biology*, May, 1937, Aug. and Nov., 1938. [ML52]

- SF 538.21 V27 **VANSELL, G. H.** American foulbrood and its control. 12 pp. Illus. Berkeley, 1926. Univ. of Calif. Coll. of Agric. Exper. Stn. Circ., 307. [H1336]
- W58 **WHITE, G. F.** American foulbrood. 46 pp. Illus. Wash., 1920. U.S. Dept. of Agric. Bull., 809. [H446]
- The Cause of American foul brood. 4 pp. Wash., 1907. U.S. Dept. of Agric. Bur. of Entomol. Circ., 94. [H448, O1019]
- Observations on American foul brood. 7 pp. Illus. N.p., 1920. *Repr. from Amer. bee jnl.*, Oct., 1920. [H591]
- SF 538.22 **BACILLUS DISEASE: EUROPEAN FOUL BROOD.**
- CHESHIRE, F. R.** Foul brood (not micrococcus, but bacillus). 48 pp. Illus. Kings Langley, 1884. B.B.K.A. Papers, 12. [H1097, In K233]
- DAVIS, J. G., and TARR, H. L. A.** Relation of so-called Streptococcus apis to certain lactic acid streptococci. 1 p. St. Albans, 1936. *Repr. from Nature*, Oct., 1936. [X1275]
- MORGENTHALER, Otto.** La Loque; tr. by Dr. Rotschy. 2 pp. N.p., 1919. *Repr. from Bull. de la Soc. romande d'Apiculture*, April, 1919. [ML238]
- PETTIT, Morley.** Some results of co-operative experiments on races of bees to determine their power to resist European foul brood. 8 pp. Toronto, 1915. [H1384, E1164]
- PHILLIPS, E. F.** The Control of European foulbrood. 16 pp. Illus. Wash., 1918. U.S. Dept. of Agric. Bur. of Entomol. Farmers' bull., 975. [H571, O1019]
- SLOCUM, B. A.** European foulbrood. 6 pp. Illus. Pullman, 1927. State Coll. of Wash. Bull., 144. [X1301, H1372]
- STURTEVANT, A. P.** A Study of the behavior of bees in colonies affected by European foulbrood. 28 pp. Wash., 1920. U.S. Dept. of Agric. Bur. of Entomol. Bull., 804. [H573, H1262]
- TARR, H. L. A.** Studies on European foul brood of bees. 4 pts. 10, 26, 13, 7 pp. Illus. Camb., 1935-38. *Repr. from Annals of applied biology*, Nov., 1935, Aug., 1936, Aug., 1937, Nov., 1938. [ML53]
- WHITE, G. F.** Cause of European foul brood. 15 pp. Wash., 1912. U.S. Dept. of Agric. Bur. of Entomol. Circ., 157. *In U.S. Dept. of Agric. Bee diseases*. [O1019]

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SF 538.22

- WHITE, G. F.** European foulbrood. 39 pp. Illus. Wash., 1920. U.S. Dept. of Agric. Bur. of Entomol. Bull., 810. [J447]
 — Some observations on European foulbrood. 10 pp. Illus. N.p., 1920. *Repr. from Amer. bee jnl.*, 1920. [H592]

SF 538.24

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SF 539.23

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SF 539.6

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