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U. S. DEPARTMENT OF AGRICULTURE.

LIBRARY—BULLETIN No. 42.

JOSEPHINE A. CLARK, LIBRARIAN.

CATALOGUE OF PUBLICATIONS

RELATING TO

BOTANY

IN THE

LIBRARY OF THE U. S. DEPARTMENT OF AGRICULTURE.

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WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1902.

PUBLICATIONS OF THE LIBRARY OF THE DEPARTMENT OF AGRICULTURE.

BULLETINS.

- No. 1. Accessions to the Department Library [January-March], 1894.
2. Periodicals and society publications currently received at the Department Library. 1894.
3. Accessions to the Department Library, April-June, 1894.
4. Accessions to the Department Library, July-October, 1894.
5. Accessions to the Department Library, November-December, 1894.
6. Accessions to the Department Library, January-March, 1895.
7. Accessions to the Department Library, April-June, 1895.
8. Accessions to the Department Library, July-September, 1895.
9. List of publications of the U. S. Department of Agriculture from 1841 to June 30, 1895, inclusive. 1896.
10. Accessions to the Department Library, October-December, 1895.
11. Accessions to the Department Library, January-March, 1896.
12. Accessions to the Department Library, April-June, 1896.
13. Accessions to the Department Library, July-September, 1896.
14. Accessions to the Department Library, October-December, 1896.
15. Accessions to the Department Library, January-March, 1897.
16. References to the literature of the sugar beet, exclusive of works in foreign languages; compiled by Claribel R. Barnett. 1897.
17. Accessions to the Department Library, April-June, 1897.
18. Bibliography of poultry; compiled by Emma B. Hawks. 1897.
19. Accessions to the Department Library, July-September, 1897.
20. Reference list of publications relating to edible and poisonous mushrooms; compiled by Josephine A. Clark. 1898.
21. Accessions to the Department Library, October-December, 1897.
22. Accessions to the Department Library, January-March, 1898.
23. Accessions to the Department Library, April-June, 1898.
24. List of publications relating to forestry in the Department Library, 1898.
25. Accessions to the Department Library, July-September, 1898.
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28. Accessions to the Department Library, April-June, 1899.
29. Accessions to the Department Library, July-September, 1899.
30. Accessions to the Department Library, October-December, 1899.
31. Accessions to the Department Library, January-March, 1900.
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33. Accessions to the Department Library, July-September, 1900.
34. Accessions to the Department Library, October-December, 1900.
35. Accessions to the Department Library, January-March, 1901.
36. Accessions to the Department Library, April-June, 1901.
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WASHINGTON:

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1902.

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,

LIBRARY,

Washington, D. C., June 10, 1902.

SIR: I have the honor to transmit herewith and to recommend for publication as Bulletin No. 42 of the Library of the Department, a manuscript entitled "Catalogue of publications relating to botany in the Library of the U. S. Department of Agriculture." The collection herein catalogued numbers nearly six thousand books and pamphlets. This bulletin is a second contribution toward a subject catalogue of the library.

Respectfully,

JOSEPHINE A. CLARK,
Librarian.

Hon. JAMES WILSON,
Secretary of Agriculture.

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 v. 1, no. 1, title reads: Bulletin of the Gray memorial botanical chapter of the Agassiz association.
2376. *Association pour la protection des plantes, fondée à Genève*. Bulletin. no. 1, 5-12, 15, 17-19. il. 8°. Genève, 1886-1901.
 no. 1 is 3me tirage.
- B.
2377. *Barbados—Botanical station*. Occasional bulletin of miscellaneous information. no. 1-10. f°. Barbados, 1891-98.
 Compiled by J. R. Bovell.
- Bavaria. Bayerische botanische gesellschaft zur erforschung der heimischen flora*. See *Bayerische botanische gesellschaft zur erforschung der heimischen flora* (2378).
- Bavaria. Königlich-bayerische botanische gesellschaft zu Regensburg*. See *Regensburg, Königlich-bayerische botanische gesellschaft zu* (2515).

2378. Bayerische botanische gesellschaft zur erforschung der heimischen flora. Berichte. v. 5. il. 4°. München, 1897.

Bayerische botanische gesellschaft zu Regensburg. *See* Regensburg, Königlich-bayerische botanische gesellschaft zu (2515).

2379. Beiträge zur wissenschaftlichen botanik, 1895–1901. v. 1–4. il. 8°. Stuttg., 1897–1901.—1903

Edited by M. Fünftück.

2380. Belgique horticole (La); annales de botanique et d'horticulture, June 1850–Dec. 1885. v. 1–35. il. 8°. Liège, 1850–85.

No more published.

v. 1–14, title reads: *La Belgique horticole; journal des jardins, des serres et des vergers*;

v. 15–24, title reads: *La Belgique horticole; annales d'horticulture belge, et étrangère*.

v. 1–5, edited by Charles Morren; v. 6–8, edited by Charles Morren and Edouard Morren;

v. 9–35, edited by Edouard Morren.

— Table générale . . . articles et gravures formant les tomes 1–20, 1851–70. pp. 80. 8°. Gand, 1871.

Belgium. Société royale de botanique de Belgique. *See* Société royale de botanique de Belgique (2541).

2381. Berlin, Königl. botanischer garten und botanisches museum zu. Bericht in rechnungsjahr 1900. 8°. Halle a. S., 1901.—1903

2382. ——— Jahrbuch des Kgl. botanischen gartens und des Botanischen museums zu Berlin. v. 1–5. il. 8°. Berl., 1881–89.

No more published.

2383. ——— Notizblatt des Kgl. botanischen gartens und Museums zu Berlin, Jan. 1895–Oct. 1901. no. 1–27. 8°. Leipz., 1895–1901.

no. 1–20, form v. 1–2.

— — — Appendix, Jan. 15, 1895; Jan. 15, 1899; Feb. 28, 1901. no. 1, 5, 7. 8°. Leipz., 1895–1901.

Edited by A. Engler.

2384. Billotia; ou, Notes de botanique. v. 1. il. 8°. Besançon, 1864.

No more published.

2385. Biltmore botanical studies; a journal of botany issued at irregular intervals, Apr. 1901. v. 1, no. 1. il. 8°. Biltmore, N. C., 1901.—1902

2386. Blumen-zeitung, Oct. 1828–Dec. 30, 1848; Jan. 4–Dec. 27, 1862. v. 1–21, 35. il. 4°. Weissensee, 1828–62.

v. 1–21, edited by Friedrich von Hassler; v. 36, edited by J. Sckell.

2387. Bonplandia; zeitschrift für die gesammte botanik. v. 1–10. il. 4°. Hannover, 1853–62.

Edited by W. E. G. Seeman and Berthold Seeman.

No more published.

2388. Boston mycological club. Bulletin. no. 1–9. 8°. Boston, 1897–99.

Botanical bulletin. *See* Botanical gazette.

2389. Botanical gazette, [monthly], Nov. 1875–Dec. 1901. v. 1–32. il. 8°. Chicago, etc., 1878–1901.

v. 1, title reads: *Botanical bulletin*.

Botanical gazette (*continued*). Index, v. 1-10, 1875-85. pp. 28. 8°. Crawfordsville, Ind., n. d.

Botanical laboratory of the University of Pennsylvania. *See Pennsylvania, University of—Botanical laboratory* (2508).

Botanical magazine; or, Flower garden displayed. *See Curtis's botanical magazine* (2415).

2390. **Botanical miscellany**, containing figures and descriptions of such plants as recommend themselves by their novelty, rarity, or history, or by the uses to which they are applied in the arts, in medicine, and in domestic economy . . . by W. J. Hooker. v. 1-3. il. 4°. Lond., 1830-33.

Continued under the title: **Journal of botany** (2466), *q. v.*

Botanical register. *See Edwards's botanical register* (2423).

2391. **Botanical society of America.** Publications. no. [3, 5, 7-8], 10-14, 18. 8° & f°. Ithaca, etc., [1894-1901].

Botanical society of Edinburgh. *See Edinburgh, Botanical society of* (2420).

2392. **Botanisch jaarboek; uitgegeven door het kruidkundig genootschap Dodonaea te Gent**, 1895, 1897-99. v. 7, 9-10. il. 8°. Gent, 1895-99.

2393. **Botanische jahrbücher für systematik, pflanzengegeschichte und pflanzengeographie.** v. 1-30. il. 8°. Leipz., 1880-1902.

Edited by Adolf Engler.

2394. **Botanische zeitung**, Jan. 1843-Dec. 1901. v. 1-59. il. 8°. Berl. & Leipz., [1843-1901].

— General-register der ersten 50 jahrgänge. pp. 391. 8°. Leipz., 1895.

v. 1-50, published weekly; v. 51-59, published in two abtheilungen, abtheilung 1, monthly, abtheilung 2, semi-monthly.

Botanischer jahresbericht. *See Just's botanischer jahresbericht* (2469).

2395. **Botanischer verein der provinz Brandenburg.** Verhandlungen, 1859-66, 1868-1900. v. 1-8, 10-42. 8°. Berl., 1859-1900.

Botanischer verein in Landshut. *See Landshut, Botanischer verein in* (2472).

2396. **Botanisches centralblatt; referirendes organ für das gesamtgebiet der botanik des in- und auslandes**, 1880-1901. v. 1-88. il. 8°. Cassel, 1880-1901.

— Beihefte, 1891, 1895-1901. v. 1, 5-10. 8°. Cassel, 1891-1901.

v. 1-33, edited by Oscar Uhlworm and W. J. Behrens; v. 34-88, edited by Oscar Uhlworm and F. G. Kohl.

Botanisches institut zu Graz. *See Graz, Botanisches institut zu* (2438).

Botanisches institut zu Tübingen. *See Tübingen, Botanisches institut zu* (2552).

The Botanist; containing accurately coloured figures of tender and hardy
ornamental plants; with descriptions, scientific and popular, intended to
convey both moral and intellectual. Conducted by B. Maund, F.L.S.,
assisted by the Rev. J.S. Henslow. 5v. col. pl. 23 cm. London and
New York, [1838-46?]

British Honduras - Botanic station. ... Report ... 1902-03. 33 cm.
Belize, 1903-1904.

Botanisches museum und laboratorium für waarenkunde zu Hamburg. *See* Hamburg, Botanisches museum und laboratorium für waarenkunde zu (2442, 2443).

2397. Botanisk tidsskrift; udgivet af den Botaniske forening i Kjøbenhavn. v. 3-24, no. 2. il. 8°. Kjøbenhavn, 1869-1901.

Wanting v. 12, hæftet 2-4; v. 13, hæftet 1-2; v. 19, hæftet 1-2.
v. 3-18, edited by Hjalmar Kiærskou; v. 19-24, edited by L. K. Rosenfinge.

2398. Botaniska notiser, 1879-87, hæftet 3; 1889, hæftet 1-4; 1897, hæftet 4, 6; 1898-99; 1900, hæftet 4-5; 1901. 8°. Lund, 1879-1901.

Edited by C. F. O. Nordstedt.

Botaniske forening i Kjøbenhavn. *See* Copenhagen. Botaniske forening i Kjøbenhavn (2413).

2399. Botaniste (Le), 1889-Apr. 1901. v. 1-8, fasc. 2. il. 8°. Paris, [1889-1901].

Edited by P. A. Dangeard.

Brandenburg, Botanischer verein der provinz. *See* Botanischer verein der provinz Brandenburg (2395).

2400. Brébissonia; revue mensuelle illustrée de botanique cryptogamique et d'anatomie végétale; organe de la Société cryptogamique de France, July 1878-June 1881, année 1-3; July 1, 1886, 2^{me} série, année 4, no. 1. il. 8°. Paris, 1878-86.

Edited by G. Huberson.

2^{me} série, année 4, no. 1, title reads: Brébissonia, journal de microscopie; organe de la Société française de microscopie, [semimonthly].

2401. British Guiana—*Botanic gardens*. Report of the Botanic gardens and their work for 1887, 1889-92, f°. Georgetown, 1888-93. ¹⁹⁰³⁻⁰⁴ 1907

2402. — Report on the agricultural work for the years 1890-95. f°. Georgetown, 1891-97.

Brussels. Société royale de botanique de Belgique. *See* Société royale de botanique de Belgique (2541).

2403. Buitenzorg, Java. Jardin botanique. Annales, 1876-1901. v. 1-18, fasc. 1. il. 8°. Leide, 1876-1901.

v. 1, edited by R. H. C. C. Scheffer; v. 2-18, edited by Melchior Treub.

— — Supplément, 1st-2d. il. 8°. Leide, 1897-98.

— — Tables du contenu des volumes 1-15 et des deux suppléments. pp. 12. 8°. Leide, 1899.

2404. — Bulletin. no. 1-11. 4°. Buitenzorg, 1898-1901.

2405. — Mededeelingen uit 's Lands plantentuin. no. 6, 9-18, 20-28, 30-42, 44-52. 4°. Batavia & 's Gravenhage, 1889-1902. ^{no. 6-7, 9-66.}

2406. — Verslag omtrent den staat van 's Lands plantentuin te Buitenzorg, 1892-97, 1900, il. 8°. Batavia, 1894-1905. ¹⁹⁰³

Bulletin de l'Herbier Boissier. *See* Herbier Boissier. Bulletin (2446). ¹⁹⁰²

Bulletin of the Gray memorial chapter of the Agassiz association. *See* Asa Gray Bulletin (2375).

Bullettino del Laboratorio ed orto botanico della R. università degli studi di Siena. See **Siena, R. università degli studi di—Laboratorio ed orto botanico (2534.)**

C.

2407. **California academy of sciences.** Proceedings, [series 1], 1854–76. 7 v. il. 8°. San Fran., 1863–77.
v. 1 is ed. 2, 1873.

—— — series 2, 1888–96. 6 v. il. 8°. San Fran., 1889–97.
—— — series 3; botany, June 1897–Jan. 1902. v. 1–2, no. 6. il. 8°. San Fran., 1897–1900.

Series 3 published in different parts, according to subject.

2408. **California—University—Botanical laboratories.** Contributions. no. 2. 8°. n. p., 1898.

Central Provinces, India. See **India—Central Provinces.**

2409. **Ceylon—Royal botanic gardens.** Circular, July 31, 1897–Dec. 1901. ser. 1, no. 1–15, 17–25. 8°. Colombo, 1897–1901.

2410. — Report of the director for 1896–1903. f°. n. p., 1897–1904.

2411. **Columbia university, N. Y.—Department of botany.** Contributions. no. 5–7, 9, 11, 13, 16–17, 20–22, 24, 27, 30–31, 35, 37–38, 40–51, 53, 55–59, 61–71, 73–175 (v. 1–7). il. 8°. n. p., 1886–1901.

25 nos. form a volume.

2412. **Companion to the Botanical magazine**, being a journal containing such interesting botanical information as does not come within the prescribed limits of the magazine . . . by W. J. Hooker. v. 1–2. il. 4°. Lond., 1835–36.

No more published.

Contributions du Jardin botanique de Rio de Janeiro. See **Rio de Janeiro—Jardim botanico (2523).**

2413. **Copenhagen. Botaniske forening i Kjøbenhavn.** Meddelelser, 1882–91. v. 1, no. 2–v. 2. 8°. Kjøbenhavn, 1882–91.

Udgivne som tillægshæfter til *Botanisk tidsskrift*.
Has also French title: *Bulletins de la Société botanique de Copenhague*.

—— See also *Botanisk tidsskrift (2397.)*

2414. **Cryptogamic society of Scotland.** Report of the first annual conference, 1875. 12°. Perth, 1875.

2415. **Curtis's botanical magazine**, comprising the plants of the Royal gardens of Kew and of other botanical establishments of Great Britain, with suitable descriptions, 1787–1839, 1845–1901. v. 1–65, 71–127 (ser. 3, v. 57). il. 8°. Lond., 1787–1901.

—— General indexes to the plants contained in the first 53 volumes. pp. 214. 8°. Lond., 1828.

Cambridge, Eng., Botanic garden. Delectus seminum ex horto Cantabrigiensis
academiæ ad mutuan commutationem propositorum, Jan. 1904. *St. Cantabrigiæ, Eng.*

Cape of Good Hope - Agriculture, Department of - Government botanist
and curator of the government herbarium. Report, 1901.

Copenhagen - Botaniske have. Beretning om virksomhed, 1901
St. Copenhagen, 1901.

Edwards's botanical register. Appendix to the first 23 volumes of
Edwards's botanical register, consisting of a complete alphabetical
and systematical index of names, synonymes and matter ... together
with a sketch of the vegetation of the Swan River colony ... By
John Lindley ... iv, lxiv, lviii p., 1 f. il. 9 col. pl. 24½ cm. London, 1839.

Curtis's botanical magazine (*continued*). General index to the Latin names and synonyms of the plants depicted in the first 107 volumes. pp. 263. 8°. Lond., 1883.

v. 1-14, edited by William Curtis; v. 15-53, edited by John Sims; v. 54-65, edited by Samuel Curtis, descriptions by W. J. Hooker; v. 71-90, edited by W. J. Hooker; v. 91-127, edited by J. D. Hooker.

v. 1-14, 1787-1800, title reads: *Botanical magazine; or, Flower-garden displayed*; v. 15-65 1801-39, title reads: *Curtis's botanical magazine; or, Flower-garden displayed*.

D.

2416. *Deutsche botanische gesellschaft*. *Berichte*, 1882-1901. v. 1-19. il. 8°. Berl., 1883-1902.

2417. *Deutsche botanische monatschrift*, Jan. 1883-Dec. 1901. v. 1-19. 8°. Arnstadt, etc., 1883-1901.

Edited by G. Leimbach.

Dodonaea. See *Botanisk jaarboek* (2392).

2418. *Dominica—Botanical station*. Annual report, 1891, 1893. 4°. Dominica, 1892-94.

2419. *Durban botanic society*. Report on Natal botanic gardens for the year 1885, 1889-1902/03 8°. Durban, 1886-1903.

E.

2420. *Edinburgh, Botanical society of*. Annual report and proceedings, 1st, 3d-8th, 1836/37, 1838/39-43/44. 8°. Edinb., 1840-44.

1st report is Ed. 2, 1841.

2421. ——— *Proceedings for the year 1855*. 8°. Edinb., 1855.

2422. ——— *Transactions and proceedings*. v. 1-21. il. 8°. Edinb., 1844-1900.

Wanting v. 2, pt. 1-2; v. 6, pt. 2; v. 7, pt. 3; v. 9, pt. 1, 3.

v. 1-11, title reads: *Transactions of the Botanical society of Edinburgh*.

2423. *Edwards's botanical register; or, Ornamental flower-garden and shrubbery; consisting of coloured figures of plants and shrubs, cultivated in British gardens, accompanied by their history, best methods of treatment in cultivation, propagation, etc., continued by John Lindley*. v. 1-33. pl. 8°. Lond., 1815-47.

No more published.

v. 1-13, reads: *Botanical register; consisting of coloured figures of exotic plants cultivated in British gardens, with their history and mode of treatment; the designs by Sydenham Edwards and others*; v. 14 (n. s., v. 1), title reads: *Botanical register; or, Ornamental flower garden and shrubbery . . . the designs by Sydenham Edwards and others*.

Engler, Adolf, *editor*. See *Botanische jahrbücher* (2393).

2424. *Erythea; a journal of botany, west American and general, [monthly]*, Jan. 1893-June 1900. v. 1-7. il. 8°. Berkeley, Cal., 1893-99.

No more published.

F.

2425. *Fern bulletin; a quarterly devoted to ferns*, 1893-Oct. 1901. v. 1-9. il. 8° (v. 1-3, 24°; v. 4, 16°). Binghamton, N. Y., 1893-1901.

Edited by Willard N. Clute.

v. 1-4, title reads: *Linnæan fern Bulletin*.

2426. Field Columbian museum, *Chicago, Ill.* Publications; botanical series. v. 1, no. 1-6; v. 2, no. 1-3. il. 8°. Chicago, 1895-1901.
2427. *Flora; oder. Allgemeine botanische zeitung*, 1818-1901. v. 1-89. il. 8°. Regensburg & Marburg, 1818-1901.
v. 1-71, herausgegeben von der Königl. bayerischen botanischen gesellschaft in Regensburg.
v. 1-13, title reads: *Flora; oder, Botanische zeitung*.
— *Allgemeines sach- und namen-register zu den ersten 25 jährgängen*, 1818-42. pp. 844. 12°. Regensburg, 1851.
2428. *Flore des serres et des jardins de l'Europe*. v. 1-23. il. 4°. Gand, 1845-80.
v. 11-14 are also numbered ser. 2, v. 1-4.
No more published.
2429. *Fortschritte (Die) der botanik*, 1875-86. no. 1-7. 12°. Köln & Leipzig, 1879-87.
Separat-ausgabe aus der *Revue der naturwissenschaften*; herausgegeben von Hermann J. Klein.
France, Société botanique de. *See* Société botanique de France (2538).
France, Société cryptogamique de. *See* Brébissonia (2400).
France, Société mycologique de. *See* Société mycologique de France (2540).
2430. Franklin and Marshall college—*Herbarium*. Contributions. no. 1. 8°. n. p., 1895.

G.

2431. *Garden and forest; a journal of horticulture, landscape art and forestry*, [weekly], Feb. 29, 1888-Dec. 29, 1897. v. 1-10. il. f°. N. Y., 1888-97.
No more published.
2432. *Gardeners' chronicle; a weekly illustrated journal of horticulture and allied subjects*, June 17, 1843-Dec. 28, 1901. v. [3]—ser. 3, v. 30. il. f°. Lond., 1843-1901.
1843-73, title reads: *Gardeners' chronicle and agricultural gazette*.
1843-73. volumes unnumbered; 1874-86 are ser. 2.
2433. *Gardeners' magazine of botany, horticulture, floriculture and natural sciences*, Jan. 1850-Dec. 1851. v. 1-3. il. 4°. Lond., 1850-51.
Edited by Thomas Moore and W. P. Ayres.
Gartenbau-gesellschaft (K. k.) in Wien. *See* Wiener illustrierte garten-zeitung (2569).
2434. *Gartenflora; zeitschrift für garten- und blumenkunde . . . organ des Vereins zur beförderung des gartenbaues in den preussischen staaten*, [semi-monthly], Jan. 1865-Dec. 15, 1901. v. 14-50. il. 8°. Berl., etc., 1865-1901.
v. 14-33, title reads: *Gartenflora; allgemeine monatschrift für deutsche, russische und schweizerische garten- und blumenkunde, und organ des Russischen gartenbau-vereins in St. Petersburg*; v. 34, title reads: *Gartenflora; monatschrift für garten- und blumenkunde*; v. 35-42, title reads: *Gartenflora; zeitschrift für garten- und blumenkunde*.

Geneva - Conservatoire botanique. Annuaire du conservatoire et
du jardin botaniques ... 1^{er} - 6^{me} année, 1896-1901.
plates (partly double). 25 cm. Genève, 1897-1902.

Gray herbarium of Harvard university. ... Contributions ...
number no 1-xxviii. 24½ cm. Boston, 1891-1901.

Hamburg, Botanische staatsinstitute zu. ... Jahresberichte, 1902.
25½ cm. Hamburg, 1903.

Gartenflora (*continued*). Beilageheft; vollständiges register zu den 2en-3en 10 jährgängen, 1862-81. 8°. Erlangen, etc., 1871-82.

Geneva. Association pour la protection des plantes. *See* Association pour la protection des plantes (2376).

2435. Geneva. Université de Genève.—*Laboratoire de botanique*. [Publications.] ser. 2, fasc. 1-2; ser. 3, fasc. 5; ser. 4, fasc. 6, 10, 12, 13; ser. 5, fasc. 14. 8°. Genève, 1893-1901.

Germany. Deutsche botanische gesellschaft. *See* Deutsche botanische gesellschaft (2416).

Gesellschaft für botanik zu Hamburg. *See* Hamburg, Gesellschaft für botanik zu (2444).

Ghent. Kruidkundig genootschap Dodonaea te Gent. *See* Botanisch jaarboek (2392).

2436. Ghent. Société royale d'agriculture et de botanique de Gand. Annales de la Société . . . journal d'horticulture et des sciences accessoires, 1845-49. v. 1-5. il. 8°. Gand, n. d.

Edited by Charles Morren.
No more published.

2437. Glasgow, Royal botanic institution of. Annual report, 64th, 1881. 8°. Glasgow, n. d.

2438. Graz, Botanisches institut zu. Mittheilungen, 1886-88. 2 pts. il. 8°. Jena, 1888.

Edited by H. Leitgeb.

Greene, Edward Lee, *editor*. *See* Pittonia (2512).

2439. Grenada—*Botanic station*. Annual report, 1896-1900. ¹⁹⁰¹ f°. St. George, 1897-1901.—¹⁹⁰²

1896-97, title reads: Botanic garden, Grenada. Annual report.

2440. — Bulletin of miscellaneous information, Oct.-Dec. 1894; May 1895. no. 40; v. 2, no. 1. 8°. St. George, 1894-95.

Title reads: Botanic garden, Grenada. Bulletin of miscellaneous information.

2441. Grevillea; a quarterly record of cryptogamic botany and its literature, July 1872-June 1894. v. 1-22. il. 8°. Lond., 1872-94.

Edited by M. C. Cooke.
No more published.

1872-74, published monthly under the title: Grevillea; a monthly record of cryptogamic botany.

H.

2442. Hamburg, Botanisches museum und laboratorium für waarenkunde zu. Bericht, 1883-85, 1887-98. 8°. Hamburg, 1884-99.

Edited by R. Sadebeck.

1883-85, title reads: Botanisches museum zu Hamburg. Berichte.

2443. — *Abteilung für pflanzen-schutz*. Bericht, 1898/99-1901/02. no. 1-4, 4°. Hamburg, 1899-1902.

no. 1 published by the Station für pflanzen-schutz zu Hamburg, afterwards made a part of the Botanisches museum, etc., and known as above.

2444. Hamburg, Gesellschaft für botanik zu. Bericht über die sitzungen. 4 pts. 8°. Cassel & Hamburg, 1886-88.

Edited by R. Sadebeck.
No more published.

Hamburg, Station für pflanzenschutz zu. *See* Hamburg, Botanisches museum und laboratorium für waarenkunde zu—*Abteilung für pflanzenschutz* (2443).

2445. *Hedwigia*; organ für kryptogamenkunde, nebst repertorium für kryptogamische literatur, [bi-monthly], 1852–1901. v. 1–40. il. 8°. Dresden, 1852–1901.

v. 1–23, title reads: *Hedwigia*; ein notizblatt für kryptogamische studien.

Helsingfors. Societas pro fauna et flora Fennica. *See* Societas pro fauna et flora Fennica (2537).

2446. *Herbier Boissier*. Bulletin, [monthly], Jan. 1893–Dec. 1899; Jan.–Dec. 1901. v. 1–7; ser. 2, v. 1. il. 8°. Genève, 1893–1901. During 1900, the Bulletin was not published, the *Mémoires* being substituted.

2447. — *Mémoires*, 1900. no. 1–22. 8°. Genève, 1900.

No more published.

Took the place of the Bulletin, which was not published during 1900.

Hooker, William Jackson, *editor*. *See* Botanical miscellany (2390); also Companion to the Botanical magazine (2412); also Journal of botany (2466); also London journal of botany (2477).

2448. *Hooker's icones plantarum*; or, Figures, with descriptive characters and remarks, of new and rare plants, selected from the Kew herbarium. v. 1–9 (n. s., v. 5); v. 11 (ser. 3, v. 1)–v. 27 (ser. 4, v. 7). il. 8°. Lond., 1837–1901. 1902

v. 1–9 (n. s., v. 5), 1837–54, edited by W. J. Hooker; v. 11–19 (ser. 3, v. 1–9), 1867–89, edited by J. D. Hooker; v. 20–24 (ser. 3, v. 10–ser. 4, v. 4), 1891–95, edited by Daniel Oliver; v. 25–27 (ser. 4, v. 5–7), edited by W. T. Thiselton-Dyer.

v. 1–9, title reads: *Icones plantarum*.

Hortus Bergianus *See* Svenska (Kongliga) vetenskaps-akademien—*Trädgård Bergielund* (2545).

Hortus Petropolitanus. *See* St. Petersburg. Hortus Petropolitanus (2527, 2528).

Hortus Universitatis imperialis Petropolitanæ. *See* St. Petersburg. Universitas imperialis Petropolitana—*Hortus* (2529).

I.

Icones plantarum. *See* Hooker's icones plantarum (2448).

2449. *Illustration (L') horticole*; revue mensuelle des plantes les plus remarquables, des introductions nouvelles et des faits les plus intéressants de l'horticulture, 1867–91. v. 14–38 (ser. 2, v. 4–ser. 5, v. 5). il. f° (v. 14–33, 4°). Gand, 1867–91.

Wanting v. 23; v. 25, no. 1; v. 26, no. 5–9; v. 27.

Edited by J. Linden.

v. 14–16, title reads: *L'illustration horticole; journal spécial des serres et des jardins*;
v. 17–33, title reads: *L'illustration horticole; revue mensuelle des serres et des jardins*.

2450. *India—Botanical survey*. Records of the Botanical survey of India. v. 1, no. 1–13. 8°. Calcutta, 1893–1901.

2451. — Report of the director of the Botanical survey of India, 1895/96–97/98, 1900/01, f°. n. p., n. d.

1902/03

India - Agra and Oudh - Land records and agriculture, Department of.
Report on the government botanical gardens, Saharanpur and Mussoorie,
1901/02 - 03/04. Allahabad. 1902-04.

For earlier reports see India - N.W. prov. & Oudh - Land rec. & agr., Dept. of. (2452)

Jahresbericht d. Königl. schwedischen akad. d. wiss. ü. d. fortschritte der
botanik in den jahren 1839-42. See Svenska (Kongl.) vetensk. akad.

2452. India—Central Provinces—*Government*. Report on the management of the District gardens in the Central Provinces, 1893/94, 1895/96–1902/03. f°. Nagpur, 1894–1903.
1893/94–97/98, title reads: *Resolution on the management of the District gardens, etc.*

2453. — North-western Provinces and Oudh—*Land records and agriculture, Department of*. Report on the progress and condition of the government botanical gardens, Saharanpur and Arnigadh, 1878/79, 1880/81–85/86, 1887/88–1900/01. f°. Allahabad, 1879–1901.
(Also 1886/87)
1878/79–96/97, title reads: *Report on the progress and condition of the government botanical gardens, Saharanpur and Mussoorie.*

2454. Iowa state college of agriculture and mechanic arts—*Botanical department*. Contributions. no. 2 — 7, 9, 12–15, 17–22, 8°. Des Moines, etc., 1896–1903. *illus., plates.*

Istituto botanico della Reale università di Pisa. *See* Pisa, Reale università di—Istituto botanico (2511).

Istituto botanico dell' Università di Pavia. *See* Pavia, Università di—Istituto botanico (2505).

Italy. Società botanica italiana. *See* Società botanica italiana (2536).

J.

Jahrbuch des Kgl. botanischen museums zu Berlin. *See* Berlin, Königl. botanischer garten zu. Jahrbuch (2382).

2455. Jahrbücher der gewächskunde. v. 1, no. 1–3. 8°. Berl. & Leipzig., 1818–20.

Edited by K. Sprengel, A. H. Schrader, and H. F. Link.
No more published.

2456. Jahrbücher für wissenschaftliche botanik, [quarterly], 1870–1901. v. 7, no. 4–v. 36. il. 8°. Leipz. & Berl., 1870–1901.

Wanting v. 8, pp. 575 et seq.

v. 7–26, edited by N. Pringsheim; v. 27–36, edited W. Pfeffer and E. Strasburger.

— Namen- und sachregister von band 11–20. pp. 37. 8°. Berl., 1890.

2457. Jahresbericht über die neuerungen und leistungen auf dem gebiete des pflanzenschutzes, 1898–1900. v. 1–3. 8°. Berl., 1899–1902.

Edited by M. Hollrung.

2458. Jamaica—*Botanical department*. Bulletin, Apr. 1887–Dec. 1901. no. 1–50, n. s., v. 1–8. il. f° & 8° ([old ser.], f°, new ser., 8°). Kingston, 1887–1901.

n. s., v. 5, contains index, 1887–98.

2459. — *Public gardens and plantations, Director of*. Annual report of the public gardens and plantations for 1879/80–92/93, 1899/1900–1900/01. f°. Kingston, 1881–1902.

1890/91–92/93 are Bulletins no. 27–28, 39, 50 of the Botanical department of Jamaica, and title reads: *Report of the Director of public gardens and plantations.*

2460. *Journal d'horticulture pratique de la Belgique; revue de l'horticulture belge et étrangère*, [monthly], Mar. 1843–Nov. 1861. v. 1–14; n. s., v. 1–5, no. 11. il. 8°. (v. 1–14, 12°). Bruxelles, 1844–61.

Wanting, n. s., v. 1, 1857, Jan.–Apr. title-page & index; n. s., v. 5, 1861, Aug. Dec. index. v. 1–5, 1844–48, title reads: *Journal d'horticulture pratique*; ou, *Guide des amateurs et jardiniers*; v. 6–14, 1849–57, title reads: *Journal d'horticulture pratique de la Belgique*; ou, *Guide des amateurs et jardiniers*.

2461. *Journal de botanique*, [monthly], Feb. 15, 1887–Dec. 1901. v. 1–15. il. 8°. Paris, 1887–1901.

Edited by Louis Morot.
v. 1–12, published semi-monthly.

2462. *Journal de botanique appliquée à l'agriculture, à la pharmacie, à la médecine et aux arts*. v. 1–4. il. 8°. Paris, 1813–14.

Wanting, v. 3, pl. 27–30, v. 4, no. 3.
No more published.

For earlier volumes, see *Journal de botanique, rédigé par une société de botanistes* (2464).

2463. *Journal de botanique néerlandaise*. v. 1. 8°. Amsterdam, 1861.

Edited by F. A. W. Miquel.

2464. *Journal de botanique, rédigé par une société de botanistes*, [monthly], Oct. 1808–Mar. 1809. v. 1. 8°. Paris, 1808–09.

For continuation, see *Journal de botanique appliquée* (2462).

2465. *Journal für die botanik*, 1799–1801. 5 v. il. 12°. Göttingen, 1799–1803.

No more published.

For continuation, see *Neues journal für die botanik* (2465a).

2466. *Journal of botany, being a second series of the Botanical miscellany, containing figures and descriptions of such plants as recommend themselves by their novelty, rarity or history, or by the uses to which they are applied in the arts, in medicine and in domestic economy . . . by W. J. Hooker*. v. 1–4. il. 8°. Lond., 1834–42.

Continued under the title: *London journal of botany* (2477), q. v.

2467. *Journal of botany, British and foreign*, [monthly], 1863–71, 1873–75, 1877–1901. v. 1–9, 11–13, 15–39. il. 8°. Lond., 1863–1901.

v. 18–20, 1880–82, title reads: *Trimen's journal of botany, British and foreign*.

2468. *Journal of mycology*, Jan. 1885–Aug. 15, 1894. v. 1–7. il. 8°. Manhattan, Kan. & Wash., 1885–94.

v. 1–4, edited by W. A. Kellerman, J. B. Ellis, and B. M. Everhart; v. 5–7, published by the United States Department of Agriculture—*Division of vegetable pathology*

No more published.

v. 1–4, published monthly; v. 5–6, published quarterly, v. 7 published irregularly.

2469. *Just's botanischer jahresbericht, systematisch geordnetes repertorium der botanischen literatur aller länder*, 1873–1902. bd. 1–27, abt. 2, heft 3; bd. 28, abt. 1, heft 1–2. 8°. Berl., 1874–1902.

v. 1–10, edited by Leopold Just, and title reads: *Botanischer jahresbericht*.

K.

Kaiserlich-königliche gartenbau-gesellschaft in Wien. See *Wiener illustrierte garten-zeitung* (2569).

Liège. Université - Institut botanique. Archives. v. 1-3, il. 8
Bruxelles, 1897-1901.

2470. Kew, *Eng.* Royal botanic gardens. Bulletin of miscellaneous information, Jan. 1887–Sept. 1901. no. 1–177. il. 8°. Lond., 1887–98.

~~Wanting, no. 157–168.~~

— — Additional series 1–3. 8°. Lond., 1898–99.

2471. — Report on the progress and condition, 1856, 1858, 1861–65, 1867, 1869, 1871–72, 1875, 1877, 1879–82. 8°. Lond., 1856–84.
1856, 1858, title reads: Sir W. J. Hooker's report on Kew gardens, etc.

Kongliga svenska vetenskaps-akademien. *See Svenska (Kongliga) vetenskaps-akademien (2545).*

Königlich-bayerische botanische gesellschaft zu Regensburg. *See Regensburg, Königlich-bayerische botanische gesellschaft zu (2515).*

Königlich botanischer garten zu Berlin. *See Berlin, Königlich botanischer garten und botanisches museum zu (2381).*

Kruidkundig genootschap Dodonæa te Gent, *See Botanisch jaarboek (2392).*

L.

Laboratorio crittogamico Garovaglio dell' Università di Pavia. *See Pavia, Università di—Laboratorio crittogamico Garovaglio (2506).*

's Lands plantentuin. *See Buitenzorg, Java. Jardin botanique (2403–2406).*

2472. Landshut (*Ger.*), Botanischer verein in. Bericht, 16th, 1898–1900. 8°. Landshut, 1901.

2473. Lindenia; iconographie des orchidées, 1885–1900. v. 1–16 (ser. 2, v. 6). il. f°. Gand, 1885–1900. *v. 17, pt. 1–3, pt. 5–6. 1812*

2474. Linnæa; ein journal für die botanik in ihrem ganzen umfange, 1826–82. v. 1–43. 8°. Berl. & Halle, 1826–82.

v. 1–34, edited by D. F. L. Schlechtendal; v. 35–43, edited by August Garcke.

v. 17–43 have in addition, the alternative title: Beiträge sur pflanzenkunde, v. 1–18, new ser., v. 1–9.

From 1883, merged in Jahrbuch des Königl. botanischen gartens und des botanischen museums zu Berlin (2382).

Linnæan fern bulletin. *See Fern bulletin (2425).*

Linnean society of London. *See London, Linnean society of (2478, 2479).*

2475. Lloyd, C. G. Mycological notes, Nov. 1898–Nov. 1901. no. 1–8. 8°. Cincinnati, 1898–1901. *1802*

2476. Lloyd mycological museum, *Cincinnati, O.* Report, 3d–4th, 1897–98. 8°. Cincinnati, n. d.

2477. London journal of botany, containing figures and descriptions of such plants as recommend themselves by their novelty, rarity, history or uses . . . by W. J. Hooker. v. 1–7. il. 8°. Lond., 1842–48.

For earlier series, *see Botanical miscellany (2390), and Journal of botany (2466).*

2478. **London, Linnean society of.** Journal; botany. v. 1-11, 13-34. il. 8°. Lond., 1857-1900.
Wanting v. 26, no. 178-180; v. 27, no. 185-186; v. 30, no. 205-209.
—— ——— General index of the first 20 volumes of the Journal (Botany) and the botanical portion of the Proceedings, Nov. 1838-June 1886. pp. 427. 8°. Lond., 1888.
v. 8-34, title reads: *Journal of the Linnean society; Botany.*
2479. ——— Transactions. v. 1-30. il. 4°. Lond., 1791-1874.
—— ——— General index, v. 1-25. pp. 107. 4°. Lond., 1867.
—— ——— 2d series; botany. v. 1-4, pt. 1; v. 4, pt. 4; v. 5; v. 6, pt. 1-2. il. 4°. Lond., 1880-1901.
2480. **Lucknow—Horticultural gardens.** Report . . . for the year ending 31st March, 1888-1901. f°. Allahabad, 1888-1901.

M.

2481. **Magazin für die botanik.** 4 v. in 12 pts. il. 12°. Zürich, 1787-90.
Edited by J. J. Römer and Paulus Usteri.
For continuation, see *Annalen der botanick* (2367).
2482. **Magazine of horticulture, botany and all useful discoveries and improvements in rural affairs,** [monthly], Jan. 1837-Dec. 1860. v. 3-26. il. 8°. Boston, 1837-60.
Edited by C. M. Hovey.
Earlier volumes published under the title: *American gardener's magazine* (2366), q. v.
2483. **Magyar botanikai lapok** (Ungarische botanische blätter), [monthly], Jan.-Mar. 1902. v. 1, no. 1-3. 8°. Budapest, 1902.
2484. **Malpighia; rassegna mensile di botanica,** 1886-94. v. 1-8. il. 8°. Genova, 1887-94. 1-16
Full set
- Meddelanden från Stockholms Högskolas Botaniska institut.** See *Stockholm—Högskola—Botaniska institut* (2543).
- Mededeelingen uit 's Lands plantentuin.** See *Buitenzorg, Java. Jardin botanique. Mededeelingen* (2405).
2485. **Meehan's monthly; a magazine of horticulture, botany and kindred subjects,** July 1891-Dec. 1901. v. 1-11. il. 4°. Germantown, Pa., n. d.
Conducted by Thomas Meehan.
- Minnesota botanical studies.** See *Minnesota—Geological and natural history survey* (2486).
2486. **Minnesota—Geological and natural history survey.** Minnesota botanical studies, Jan. 16, 1894-May 1902. pt. 1-11; ser. 2. il. 8°. Minneapolis, 1894-1902.
ser. 1 is Bulletin no. 9 of the Minnesota Geological and natural history survey.
2487. ——— Report on botanical work in Minnesota for the year 1886. 8°. St. Paul, 1887. (MINNESOTA—*Geological and natural history survey.* Bulletin no. 3.)

Madrid - Botanical garden. Catalogus seminum in Horto botanico
matritensi anno 1860 collectorum. 30½ em. [Matriti, 1861]

Michelia; commentarium mycologicum fungos in primis italicos illustrans, curante
P. A. Saccardo. v. I-II; 1 Jun. 1877 - 1 December 1882. 23½ em.

Patavii, 1879-82.

Published in 8 numbers.

No more published.

Montana - Agricultural experiment station - Botanical department.

Report ... for 1902. 21½ cm. Bozeman, 1903.

Montpellier, Université de - Jardin des plantes. Catalogue des
graines récoltées en 1900. pp. 29. Montpellier, 1900.

Musée du Congo, Bruxelles. Annales ... Botanique
Sén. 6, Bruxelles, 1901-1902.

New Jersey - Agricultural college experiment station - Botanical department.

Report ... for the year 1900-02. pl. 23 cm. Trenton, etc., 1901-1902.

2488. **Missouri botanical garden.** Annual report, 1st-15th, 1889-1903. pl. 8°. St. Louis, 1890-1904.

2489. **Mittheilungen aus dem gesamtgebiete der botanik.** v. 1-2, no. 1. il. 8°. Leipzig, 1874-75.

Edited by A. Schenk and Chr. Luerssen.
No more published.

2490. **Monatsschrift für kakteenkunde,** Aug. 1891-Dec. 1901. v. 1-11. il. 8°. Berl. & Neudamm, 1892-1901.

Edited by K. Schumann.

Monde (Le) des plantes. See *Académie internationale de géographie botanique* (2361).

2491. **Montreal botanic garden.** Annual report, 1885. pp. 31. 8°. Montreal, 1886.

2492. **Muhlenbergia; a journal of botany,** Nov. 1900-Aug. 1901. 8°. v. 1, no. 1-2. 8°. Lancaster, Pa., 1900-01.

Munich. Bayerische botanische gesellschaft zur erforschung der heimischen flora. See *Bayerische botanische gesellschaft zur erforschung der heimischen flora* (2378).

Museu botanico do Amazonas. Vellozia. See *Vellozia; contribuições do Museu botanico do Amazonas* (2567).

Mussoorie botanical garden. See *India—Northwestern Provinces and Oudh—Land records and agriculture, Department of* (2453).

Mycological notes. See *Lloyd, C. G. Mycological notes* (2475).

N.

Natal botanic gardens. See *Durban botanic society* (2419).

2493. **Natal—Colonial herbarium.** Annual report, 1892, 1894-98. 8°. Durban, 1893-99.

1898, published with Report on the Natal botanic gardens by the Durban botanic society.

2494. **Nebraska—University—Botanical survey.** Report, 1st-4th, 1892-1894/95. 8°. Lincoln, 1892-96. 1902.

2495. **Nederlandsch kruidkundig archief; verslagen en mededeelingen der Nederlandsche botanische vereeniging.** ser. 3, v. 1, pt. 1-2, pt. 3. il. 8°. Nijmegen, 1896-97. 1902.

Nederlandsche botanische vereeniging. See *Nederlandsch kruidkundig archief* (2495).

2495a. **Neues journal für die botanik; herausgegeben vom Prof. Schrader** 4 v. pl. 12°. Erfurt, 1805-10.

No more published.
Continuation of *Journal für die botanik* (2465), q. v.

New England botanical society. See *Rhodora* (2522).

2496. **New South Wales—Botanic gardens.** Botanic gardens and domains, &c., Report on, for the year 1850-58, 1871, 1897-1902. f°. Sydney, 1850-1903.

2497. **New York (state)—Botanist.** Annual report, 1872-99, 8°. Albany, 1874-1904.

From the Annual report of the New York state museum.

2498. New York botanical garden. Bulletin, Apr. 1896-Apr. 1902. v. 1-2, no. 7. il. 8°. N. Y., 1896-1902.
 2499. — Contributions. no. 1-20, ^{no. 26} il. 8°. N. Y., 1899-1902.
 2500. — Journal, Jan. 1900-Dec. 1901. v. 1-2 (no. 1-24). il. 8°. N. Y., 1900-01.
 2501. — Memoirs. v. 1. 4°. N. Y., 1900.

Contents: V. I. Rydberg, P. A. Catalogue of the flora of Montana and the Yellowstone national park.

Northwestern Provinces and Oudh, *India*. See *India—Northwestern Provinces and Oudh*.

Notizblatt des Kgl. botanischen gartens und museums zu Berlin.
 See Berlin, Königlich botanischer garten und botanisches museum zu. Notizblatt (2383).

2502. Nuovo giornale botanico italiano . . . memorie della Società botanica italiana, [quarterly], Jan. 1894, Nov. 1895, July, Oct. 1897, Apr., Oct. 1898. v. 1, no. 1; v. 2, no. 4; v. 4, no. 3-4; v. 5, no. 2, 4. il. 8°. Firenze, 1894-98.

O.

2503. Österreichische botanische zeitschrift, [monthly], 1851—Dec. 1901. v. 1-51. il. 8°. Wien, 1895-1901.

Edited by Richard von Wettstein.

v. 1-7, title reads "Oesterreichisches botanisches wochenblatt."
 v. 1-36, redigirt von Alexander P. Skofitz.

2504. Palermo, Reale orto botanico di. Bollettino, Jan.-Mar. 1897, Jan.-Dec. 1898. v. 1, pt. 1; v. 2, pt. 1-4. 8°. Palermo, 1897-99.

Paris. Société botanique de France. See Société botanique de France (2538).

Paris. Société mycologique de France. See Société mycologique de France (2540).

2505. Pavia, Università di—Istituto botanico. Atti. ser. 2, v. 1, 5. il. 4°. Milano, 1888-99.

Edited by Giovanni Briosi.

For ser. 1, see Pavia, Università di—Laboratorio crittogamico Garovaglio. Archivio (2506).

2506. — Laboratorio crittogamico Garovaglio. Archivio. v. 1-5. il. 8°. Milano, 1874-88.

v. 1, title reads: Archivio triennale del Laboratorio di botanica crittogamica presso la R. università di Pavia.

For continuation, see Pavia, Università di—Istituto botanico. Atti (2505).

2507. Paxton's journal of botany and register of flowering plants. v. 1-13, 15. il. 8°. Lond., 1834-47, 1849.

2508. Pennsylvania, University of—Botanical laboratory. Contributions. v. 1-2, no. 1. il. 4°. Phila., 1892-98.

2509. Peradeniya (*Ceylon*), Royal botanic gardens. Annals, June-Dec. 1901. v. 1, pt. 1-2. il. 8°. Colombo, 1901.

2510. Philadelphia mycological center. Bulletin, Apr. 14, 1897-July 1, 1898. no. 1-3. 8°. n. p., 1897-98.

Nuovo giornale botanico italiano, [Mar. 1869 - Oct. 1902] v.1 - 172, v.2.
illus. 24½ - 25½ cm. Firenze, 1869-1902.

Ohio mycological bulletin, 1903- v.1 (nos. 1-12) -
front., illus. 23 cm. Columbus, 1903-

Ohio-University, University bulletin botanical series. nos.
1-5 8-11, 13-24? 22½ - 23 cm. Columbus, 1900-1903.

Pietermaritzburg botanic society. Report of the council for ...
1901. 21½ cm. [Pietermaritzburg, 1902]

Pestelsia, the year books of the Minnesota seaside station, 1901
pl. 8°. St Paul, 1902.

Revue générale de botanique. v. 1-5. 1889-93.

2511. Pisa, Reale università di—*Istituto botanico*. Ricerche e lavori . . . durante gli anni 1886-87. pt. 2. 4°. Pisa, 1888.
2512. Pittonia; a series of papers relating to botany and botanists, by Edward L. Greene, 1887-Oct. 1901. v. 1-4. 8°. Berkeley, Cal., & Wash., 1887-1901.
2513. Plant world; a monthly journal of popular botany, Oct., 1897-Dec. 1901. 8°. Binghamton, N. Y., & Wash., 1897-1901.
2514. Praktische blätter für pflanzenschutz; organ der Kgl. bayerischen station für pflanzenschutz und pflanzenkrankheiten zu Weihenstephan; ein ratgeber für landwirte, obstzüchter und winzer, gärtner und forstleute, Jan.-Dec. 1901. v. 4. il. 8°. Stuttg., 1901.
- Pringsheim, Nathan, *editor*. See Jahrbücher für wissenschaftliche botanik (2456).

R.

- Reale orto botanico di Palermo. See Palermo, Reale orto botanico di (2504).
- Reale università di Pisa. See Pisa, Reale università di (2511).
2515. Regensburg, Königlich-bayerische botanische gesellschaft zu. Denkschriften. v. 4, abt. 1; v. 6. 4°. Regensburg, 1859-90.
- See also Flora (2427).
2516. Revue botanique; recueil mensuel consacré principalement à l'analyse des travaux . . . sur la botanique, 1845-47. v. 1-2. 8°. Paris, 1845-47.
- No more published.
2517. Revue bryologique; bulletin bimestriel consacré à l'étude des mousses et des hépatiques, 1874-92. v. 1-19. il. 8°. Caen, 1874-92.
- v. 1-2, published quarterly.
2518. Revue de l'horticulture belge et étrangère, 1875-1901. v. 1-27. il. 8°. Gand, n. d.
- Table générale alphabétique des figures, descriptions et articles contenus dans les tomes 1-25. pp. 99. 8°. [Gand, 1899].
2519. Revue générale de botanique, [monthly], Jan. 1894-Dec. 1901. v. 6-13. il. 8°. Paris, 1894-1901. v. 1-5 also 1889-93.
2520. Revue horticole; journal d'horticulture pratique, [semi-monthly], Apr. 1829-Dec. 16, 1901. v. 1-73. il. 8° (1829-51, 12°). Paris, 1829-1900.
- 1829-45, title reads: *Revue horticole; journal des jardiniers et amateurs*. 1846-51, title reads: *Revue horticole: résumé de tout ce qui paraît d'intéressant en jardinage*. 1829-40, published quarterly; 1841-45, published monthly.
2521. Revue mycologique; recueil trimestriel illustré, consacré à l'étude des champignons et des lichens, Jan. 1879-Oct. 1901. v. 1-23. il. 8°. Toulouse, 1879-1901.
- Edited by C. Roumeguère.

2522. *Rhodora*; journal of the New England botanical society, Jan. 1899–Dec. 1901. v. 1–3. il. 8°. Boston, [1899–1901].

2523. Rio de Janeiro—*Jardim botânico*. Contributions du Jardin botanique de Rio de Janeiro. v. 1, no. 1–2. il. f°. Rio de Janeiro, 1901. — 1902 — no. 3
By João Barbosa Rodrigues.

2524. — Relatorio sobre trabalhos, 1890–92. 8°. Rio de Janeiro, 1893.

By João Barbosa Rodrigues.

1st. title reads: *Exposição sobre o estado e necessidades do Jardim, apresentado em 12 de Junho de 1890.*

2525. *Rivista di patologia vegetale*, Mar. 1892–Feb. 1901. v. 1–9. il. 8°. Padova & Avellino, [1893]–1901.

Royal botanic institution of Glasgow. *See* Glasgow, Royal botanic institution of (2437).

S.

Saharanpur botanical garden. *See* India—Northwestern Provinces and Oudh—*Land records and agriculture, Department of* (2453).

St. Louis, *Missouri*. Botanical garden. *See* Missouri botanical garden (2488).

2526. St. Lucia—*Botanical garden*. Annual report, 1896–1900. f°. Castries, 1897–1901.

2527. St. Petersburg. *Hortus Petropolitanus*. Acta Horti Petropolitani. v. 1–14; v. 15, fasc. 2; v. 16; v. 18, no. 1–3; v. 19, no. 1–2; v. 20. il. 8°. S.-Peterb., 1871–1901. v. 19, no. 3; v. 21, no. 3; v. 22, no. 1. 1901–1902.

2528. — Index seminum quæ Hortus imperialis Petropolitanus pro mutua commutatione offert; accedunt animadversiones botanicæ nonnullæ, 1860, 1865–69, 1870, 1891/92. 8°. St. Petersburg., n. d. 1870, 1891/92, title reads: *Delectus seminum quæ Hortus imperialis Petropolitanus pro mutua commutatione offert.*

2529. St. Petersburg. Universitas imperialis Petropolitanus—*Hortus*. Scripta botanica. pt. 14. 8°. S.-Peterb., 1897.

2530. Schlesische gesellschaft für vaterländische cultur. Bericht über die thätigkeit der botanischen section im jahre 1858–89. 8° (1858–60, 4°). [Breslau, 1859–90].

1858–60, title reads: *Bericht über die verhandlungen der botanischen section.*

2531. Schweizerische botanische gesellschaft. Bericht. pt. 1–9. pl. 8°. Basel & Bern, 1891–99.

Has also French title: *Bulletin de la Société botanique suisse.*

Scotland, Cryptogamic society of. *See* Cryptogamic society of Scotland (2414).

Scripta botanica Horti Universitatis imperialis Petropolitane. *See* St. Petersburg. Universitas imperialis Petropolitana—*Hortus* (2529).

Shaw botanical garden. *See* Missouri botanical garden (2488.)

Sao Paulo, Brazil (state) - Commissão geographica e geologica - Seccão botânica

Relatorio, 1901.

8°

Sao Paulo, 1902.

2532. Shaw school of botany. Contributions. no. 7-9, 12. 8°. [St. Louis, 1891-98].
2533. Sieboldia; weekblad voor den tuinbouw in Nederland, Jan. 1, 1875-Dec. 22, 1883. v. 1-9. 4°. Leiden, 1875-83.
Wanting v. 5, no. 22.
2534. Siena, R. università degli studi di—*Laboratorio ed orto botanico*. Bullettino, [quarterly], Jan. 1898-1901. v. 1-4. pl. 8°. Siena, 1897-1901.
Wanting anno 2, fasc. 3-4.
2535. Sociedade Broteriana. Boletim, 1880-1902. v. 1-19, fase. 2. 8°. Coimbra, 1883-1902.
v. 1-3, title reads: Boletim annual.
2536. Società botanica italiana. Bullettino, [monthly], Nov. 1895; May-June 1897; Dec. 1897-May 1898. 8°. Firenze, 1895-98.
— See also *Nuovo giornale botanico italiano* (2502).
2537. Societas pro fauna et flora Fennica. Botanische sitzungsberichte, 1887-91. v. 1-4. 8°. Cassell, 1889-95.
Separat-abdruck aus dem *Botanischen centralblatt*, v. 10, 12, 16.
Société botanique de Copenhague. See Copenhague. Botaniske forening i Kjøbenhavn (2413).
2538. Société botanique de France. Bulletin, May 1854-1901. v. 1-41; v. 42, no. 1-9; v. 43, no. 1-9; v. 44; v. 45, no. 1-9; v. 46, no. 1-9; v. 17, no. 1-9; 1901, no. 1-7. il. 8°. Paris, 1854-1901.
— — Table générale des articles originaux contenus dans les 40 derniers volumes, 1854-95. pp. 240. 8°. Paris, 1899.
2539. Société botanique du grand-duché de Luxembourg. Recueil des mémoires et des travaux, 1897-99, no. 14-15, 8°. Luxembourg, 1899-1902,
1900-1901.
Société botanique suisse. See Schweizerische botanische gesellschaft (2531).
Société cryptogamique de France. See Brébissonia (2400).
2540. Société mycologique de France. Bulletin, 1885, 1887-1901. v. 1, 3-17. il. 8°. Paris, etc., 1885-1901.
— — Table générale des matières se rapportant aux tomes 1-10, années 1885-94. pp. 99. 8°. Paris, 1895.
Société royale d'agriculture et de botanique de Gand. See Ghent. Société royale d'agriculture et de botanique de Gand (2436).
2541. Société royale de botanique de Belgique. Bulletin. v. 1-40 il. 8°. Bruxelles, 1862-1905.
— — Tables générales . . . tomes 1-25 (années 1862-87). pp. 358. 8°. Bruxelles, 1887.
2542. South Australia—*Botanic garden*. Report on the progress and condition during . . . 1878, 1889. f°. Adelaide, 1879-90.
1878, title reads: Report on the progress and condition of the Botanic garden and government plantations.

2543. Stockholm—*Högskola—Botaniska institut*. Meddelanden, 1898–1900. v. 1–3. il. 8°. n. p., n. d. 1301, v. 4, 1302, 3

Has also French title: Travaux de l'Institut botanique de l'Université de Stockholm,

Stockholm. Kongliga svenska vetenskaps-akademien. *See Svenska (Kongliga) vetenskaps-akademien (2545).*

2544. Straits settlements—*Botanic gardens*. Annual report for . . . 1882, 1884–1903 f°. Singapore, 1883–1904,

No report published for 1887.

1889–95, title reads: Annual report on the Botanic gardens and forest department.

2545. Svenska (Kongliga) vetenskaps-akademien—*Trädgård Bergielund*. Acta Horti Bergiani; meddelanden från Kongl. svenska vetenskaps-akademiens Trädgård Bergielund. v. 1–2. il. 4°. Stockholm, 1891–97—1903 3, pt. 1.

Sweden. Kongliga svenska vetenskaps-akademien. *See Svenska (Kongliga) vetenskaps-akademien (2545).*

Switzerland. Schweizerische botanische gesellschaft. *See Schweizerische botanische gesellschaft (2531).*

T.

2546. Tijdschrift over plantenziekten, Apr. 1, 1895–Dec. 1901. v. 1–7. il. 8°. Gent, 1895–1901.

Edited by J. R. Bos and G. Staes.

2547. Torrey botanical club. Bulletin, 1870–1901. v. 1–28. il. 8°. N. Y., 1870–1901.

2548. ——— Memoirs. v. 1–7; v. 8, pt. 1–2; v. 9; v. 11, no. 1. il. 8°. N. Y., 1889–1902.

——— *See also Torrey (2549).*

2549. Torrey; a monthly journal of botanical notes and news; edited for the Torrey botanical club by M. A. Howe, Jan.–Dec. 1901. v. 1. il. 8°. Lancaster, Pa., 1901.

Trädgård Bergielund. *See Svenska (Kongliga) vetenskaps-akademien—Trädgård Bergielund (2545).*

Travaux de l'Institut botanique de l'Université de Stockholm. *See Stockholm—Högskola—Botaniska institut (2543).*

Trimen's journal of botany, British and foreign. *See Journal of botany, British and foreign (2467).*

2550. Trinidad—*Royal botanic gardens*. Annual report for 1880, 1888, 1890–1900. f°. Port-of-Spain, 1881–1901.

2551. ——— Bulletin of miscellaneous information, 1888–Jan. 1902. no. 7–8, 11, 13–n. s., no. 25; n. s., no. 28–32. il. 8°. Port-of-Spain, 1888–1902.

no. 16–n. s., no. 32, quarterly.

2552. Tübingen, Botanisches institut zu. Untersuchungen. v. 1, pt. 1–3. il. 8°. Leipz., 1881–84.

Edited by W. Pfeffer.

Svenska (Kongliga) vetenskaps akademien. Jahresbericht der Königl.
schwedischen akademie der wissenschaften über die fortschritte der
botanik in den jahren 1839-42. pp. 502. 8°. Regensburg, 1846-47.

— Arkiv för botanik ... bd. 1, häfte 4 — bd. 2, häfte 3.
plates. 28 cm. Stockholm, 1904.

— Trädgård Bergielund. Delectus sporarum seminum
fructuum quae Hortus Bergianus stockholmiensis pro mutua
commutatione offert. 1903. 24½ cm. Stockholmiae,
1904.

Trinidad-Botanical department. Annual report for the year ended 31st
March, 1903-1904. 33 cm. Port-of-Spain, 1903-04.

Trinity college, Dublin — Botanical school. Notes. No. 2
May, 1897. il. pl. 8°. Dublin, 1897.

U.

United States—Agriculture, Department of. See Clark, Josephine Adelaide (368a); also National convention for the suppression of insect pests and plant diseases (1551); also Saunders, William (1882); also Vasey, George (2194, 2195, 2197).

2553. ——— *Agrostology, Division of.* Bulletin. no. 1-24. il. 8°. Wash., 1895-1901.

Contents:—no. 1. Notes on grasses and forage plants of the southeastern states; by T. H. KEARNEY. 1895.—no. 2. Fodder and forage plants, exclusive of the grasses; by J. G. SMITH. 1896. Rev. ed. 1900.—no. 3. Useful and ornamental grasses; by F. LAMSON-Scribner. 1896.—no. 4. Studies on American grasses. 1897.—no. 5. Report upon the grasses and forage plants of the Rocky Mountain region; by P. A. RYDBERG and C. L. SHEAR. 1897.—no. 6. Grasses and forage plants of the Dakotas; by T. A. WILLIAMS. 1897.—no. 7. American grasses [v.] 1 (illustrated); by F. LAMSON-Scribner. 1897. Rev. ed. 1898.—no. 8. Studies on American grasses. 1897.—no. 9. Notes on the grasses and forage plants of Iowa, Nebraska, and Colorado; by L. H. PAMMEL. 1897.—no. 10. Report upon the grasses and forage plants of central Texas; by H. L. BENTLEY. 1898.—no. 11. Studies on American grasses. 1898.—no. 12. Report upon the grasses and forage plants and forage conditions of the eastern Rocky Mountain region; by T. A. WILLIAMS. 1898.—no. 13. Red desert of Wyoming and its forage resources; by Aven NELSON. 1898.—no. 14. Economic grasses; by F. LAMSON-Scribner. 1898. Rev. ed. 1900.—no. 15. Report upon the forage plants and forage resources of the gulf states; by S. M. TRACY. 1898.—no. 16. Grazing problems in the southwest and how to meet them; by J. G. SMITH. 1899.—no. 17. American grasses [v.] 2 (illustrated); by F. LAMSON-Scribner. 1899.—no. 18. Studies on American grasses. 1899.—no. 19. Structure of the caryopsis of grasses with reference to their morphology and classification; by P. B. KENNEDY. 1899. Rev. ed. 1900.—no. 20. American grasses [v.] 3 (illustrated); by F. LAMSON-Scribner. 1900.—no. 21. Studies on American grasses. 1900.—no. 22. Cooperative experiments with grasses and forage plants; by P. B. KENNEDY.—no. 23. Studies on American grasses. 1900.—no. 24. Studies on American grasses. 1901.

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2554. ——— Circular. no. 1-36. il. 8°. [Wash., 1895-1901].

Contents:—no. 1. Note on experimental grass gardens; by J. G. SMITH. 1895.—no. 2. Hairy vetch, sand vetch, or Russian vetch; by F. LAMSON-Scribner. 1895.—no. 3. Saltbushes; by J. G. SMITH. 1896.—no. 4. Renewing of worn-out native prairie pastures; by T. A. WILLIAMS. 1896.—no. 5. Cowpeas; by J. G. SMITH. 1898.—no. 6. Cultivated vetches; by J. G. SMITH. 1898.—no. 7. Gram, chick pea, or Idaho pea; by J. G. SMITH. 1898.—no. 8. Experiments in range improvement; by J. G. SMITH. 1898.—no. 9. New species of North American grasses; by F. LAMSON-Scribner. 1899.—no. 10. Poa Fendleriana and its allies; by T. A. WILLIAMS. 1899.—no. 11. Flat pea; by F. LAMSON-Scribner. 1899.—no. 12. Rape as a forage plant; by T. A. WILLIAMS. 1899.—no. 13. Florida beggarweed; by J. G. SMITH. 1899.—no. 14. Velvet bean; by J. G. SMITH. 1899.—no. 15. Recent additions to systematic agrostology; by F. LAMSON-Scribner. 1899.—no. 16. New species of North American grasses; by F. LAMSON-Scribner. 1899.—no. 17. Crimson clover; by T. A. WILLIAMS. 1899.—no. 18. Smooth brome grass; by P. B. KENNEDY. 1899.—no. 19. New and little-known Mexican grasses; by F. LAMSON-Scribner. 1900.—no. 20. Experiments with forage plants in Ontario. 1899.—no. 21. Cooperative range grass and forage-plant experiments at Highmore, S. D.; by F. LAMSON-Scribner. 1900.—no. 22. Grass and forage plant investigations on the Pacific coast; by F. LAMSON-Scribner. 1900.—no. 23. Progress of experiments in forage crops and range improvements at Abilene, Texas; by H. L. BENTLEY. 1900.—no. 24. Cowpeas and corn for silage and fodder; by W. GETTYS. 1900.—no. 25. Turkestan alfalfa; by P. B. KENNEDY. 1900.—no. 26. Rescue grass; by C. L. SHEAR. 1900.—no. 27. Agrostological notes. 1900.—no. 28. Grasses and fodder plants of the Potomac flats; by C. R. BALL. 1900.—no. 29. Grasses in Elliott's sketch of the botany of South Carolina and Georgia; by F. LAMSON-Scribner. 1901.—no. 30. New or little-known grasses; by F. LAMSON-Scribner. 1901.—no. 31. Bermuda grass; by A. S. HITCHCOCK. 1901.—no. 32. Some Arizona grasses; by E. D. MERRILL. 1901.—no. 33. Range grass and forage-plant experiments at Highmore, S. D.; report of progress; by F. LAMSON-Scribner. 1901.—no. 34. Aristida purpurea Nutt. and its allies; by E. D. MERRILL. 1901.—no. 35. Agrostological notes; by F. LAMSON-Scribner and E. D. MERRILL. 1901.—no. 36. List of the publications of the Division of agrostology; by F. LAMSON-Scribner. 1901.

2555. ——— Report of the agrostologist, 1895-1900. 8°. Wash., 1895-1900.

Published in the *Report of the Secretary of Agriculture*.

2556. ——— *Botany, Division of.* Bulletin. no. 1-29. il. 8° (no. 12-13, 4°). Wash., 1886-1900.

Contents:—no. 1. Report on an investigation of the grasses of the arid districts of Kansas, Nebraska, and Colorado; by George VASEY. 1886.—no. 2. Report on the fungus diseases of the grape vine; by F. LAMSON-Scribner. 1886.—no. 3. Grasses of the south; by George VASEY. 1887.—no. 4. Desiderata of the herbarium for North America, north of Mexico. Ranunculaceæ to Rosaceæ, inclusive; by George VASEY.—no. 5. Report on the experiments made in 1887 in the treatment of the downy mildew and the black-rot of the grape vine . . . by F. LAMSON-Scribner. 1888.—no. 6. Report on an investigation of the

grasses of the arid districts of Texas, New Mexico, Arizona, Nevada, and Utah, in 1887.—no. 7. Black rot (*Laestidia Bidwellii*); by F. LAMSON-SCRIBNER and Pierre VIALA. 1888.—no. 8. Record of some of the work of the Division . . . by George VASEY and B. T. GALLOWAY. 1889.—no. 9. Peach yellows; a preliminary report; by E. F. SMITH. 1888.—no. 10. Report on the experiments made in 1888 in the treatment of the downy mildew and black rot of the grape vine. 1889.—no. 11. Report on the experiments made in 1889 in the treatment of fungus diseases of plants; by B. T. GALLOWAY. 1890.—no. 12. Grasses of the southwest; by George VASEY. 2 pts. 1890-91.—no. 13. Grasses of the Pacific slope, including Alaska and the adjacent islands; by George VASEY. 2 pts. 1892-93.—no. 14. Flex cassine, the aboriginal North American tea . . . by E. M. HALE. 1891.—no. 15. Russian thistle . . . by L. H. DEWEY. 1894.—no. 16. American ginseng . . . by G. V. NASH. 1895. Same revised and extended; by M. G. KAINS. 1898.—no. 17. Legislation against weeds; by L. H. DEWEY. 1896.—no. 18. Water hyacinth; by H. J. WEBBER.—no. 19. Chicory growing as an addition to the resources of the American farmer; by M. G. KAINS. 1898.—no. 20. Principal poisonous plants of the United States; by V. K. CHESNUT. 1898.—no. 21. Vanilla culture as practiced in the Seychelles islands; by S. J. GALBRAITH. 1898.—no. 22. Present status of rice culture in the United States; by S. A. KNAPP. 1899.—no. 23. Russian cereals adapted for cultivation in the United States; by M. A. CARLETON.—no. 24. Germination of seeds as affected by certain chemical fertilizers; by G. H. HICKS. 1900.

Bulletins 12 and 13 were republished by the Division of botany as an independent work under the title: Illustrations of North American grasses. 2 v. 1891-93.

Later bulletins of the Division of botany are published as bulletins of the Bureau of plant industry.

2557. ——— Circular. no. 1-30. il. 8°. Wash., 1894-1901.

Contents:—no. 1. Hungarian brome grass; by F. LAMSON-SCRIBNER. 1894.—no. 2. Nut grass; by L. H. DEWEY. 1894.—no. 3. Russian thistle; by L. H. DEWEY. [Jan. 1895.] Rev. ed. Nov., 1895.—no. 4. Flat pea; by F. LAMSON-SCRIBNER. 1895.—no. 5. Giant knotweed, or sachaline; by F. LAMSON-SCRIBNER. 1895.—no. 6. Standards of the purity and vitality of agricultural seeds; by G. H. HICKS. 1896.—no. 7. Tumbling mustard; by L. H. DEWEY. 1896.—no. 8. Crimson clover hair balls; by F. V. COVILLE. 1896.—no. 9. Wild garlic; by L. H. DEWEY. 1897.—no. 10. Three new weeds of the mustard family; by L. H. DEWEY. 1897.—no. 11. Vitality of seed treated with carbon bisulphid; by G. H. HICKS and J. C. DABNEY.—no. 12. Camphor tree; by L. H. DEWEY. 1897.—no. 13. Observations on recent cases of mushroom poisoning in the District of Columbia; by F. V. COVILLE. 1897.—no. 14. Didders infesting clover and alfalfa; by L. H. DEWEY. 1898.—no. 15. Horseradish; by M. G. KAINS. 1898.—no. 16. Section of seed and plant introduction; by O. F. COOK. 1899.—no. 17. Notes on the plant products of the Philippine islands; by F. H. HITCHCOCK. 1899.—no. 18. Crimson clover seed; by A. J. PIETERS. 1899.—no. 19. Hop cultivation in Bohemia; by D. G. FAIRCHILD. 1899.—no. 20. Horseradish culture in Bohemia; by D. G. FAIRCHILD.—no. 21. Yams in the West Indies; by D. G. FAIRCHILD. 1899.—no. 22. Bur, or globe, artichoke; by W. T. SWINGLE and D. G. FAIRCHILD. 1899.—no. 23. Lebbek or siris tree; by D. G. FAIRCHILD. 1900.—no. 24. Red clover seed; by A. J. PIETERS. 1900.—no. 25. Seed of beardless brome grass; by A. J. PIETERS. 1900.—no. 26. Egyptian cotton in the United States; by L. H. DEWEY. 1900.—no. 27. Canada thistle; by L. H. DEWEY. 1900.—no. 28. Rubber cultivation for Porto Rico; by O. F. COOK. 1900.—no. 29. Chicory growing; by M. G. KAINS. 1900.—no. 30. List of publications of the Division of botany. 1901.

2558. ——— Contributions from the U. S. national herbarium. v. 1-7, no. 1. il. 8°. Wash., 1890-1901.

Contents:—v. 1. Reports on collections and miscellaneous papers.—v. 2. Botany of western Texas; a manual of the phanerogams and pteridophytes of western Texas; by J. M. COULTER.—v. 3. Reports on collections, revisions of groups, and miscellaneous papers.—v. 5. Systematic, economic, and ecological investigations.—v. 6. Plant life of Alabama; by Charles MOHR.—v. 7, no. 1. Monograph of the North American Umbelliferae; by J. M. COULTER and J. N. ROSE.

2559. ——— Report of the botanist, 1869-1900. 8°. Wash., 1870-1900.

1869-88, published in Report of the Commissioner of agriculture; 1889-1900, published in Report of the Secretary of agriculture.
1886, 1888-1900, also published as separates.

——— See also Vasey, George (2194-97).

2560. ——— *Experiment stations, Office of*. List of botanists of the agricultural experiment stations in the United States, with an outline of the work in botany at the several stations. pp. 23. 8°. Wash., 1890. (UNITED STATES—Agriculture, Department of—*Experiment stations, Office of*. Bulletin no. 6.)

——— *Forestry, Division of*. See Sudworth, George Bishop (2053-54).

2561. ——— *Mycologist*. Report for the year 1886. il. 8°. Wash., 1887.

2562. United States—Agriculture, Department of—Plant industry, Bureau of. Bulletin. no. 1-19. il. 4°. Wash., 1901-02.

Contents:—no. 1. Relation of lime and magnesia to plant growth; by Oscar Löw and D. W. MAY. 1901.—no. 2. Spermatogenesis and fecundation of *Zamia*; by H. J. WEBBER. 1901.—no. 3. Macaroni wheats; by M. A. CARLETON. 1901.—no. 4. Range improvement in Arizona . . . by David GRIFFITHS. 1901.—no. 5. Seeds and plants imported through the Section of seed and plant introduction for distribution in cooperation with the agricultural experiment stations; inventory no. 9, no. 4351-5500. 1902.—no. 6. List of American varieties of peppers; by W. W. TRACY, jr. 1902.—no. 7. Algerian durum wheats . . . by C. S. SCOFIELD. 1902.—no. 8. Collection of economic and other fungi prepared for distribution; by F. W. PATTERSON. 1902.—no. 9. North American species of *Spartina*; by E. D. MERRILL. 1901.—no. 10. Records of seed distribution and cooperative experiments with grasses and forage plants; by F. LAMSON-Scribner. 1902.—no. 11. Johnson grass; report of investigations made during the season of 1901; by C. R. BALL. 1902.—no. 12. Stock ranges of northwestern California; by J. B. DAVY. 1902.—no. 13. Experiments in range improvements in Central Texas; by H. L. BENTLEY. 1902.—no. 14. Decay of timber and methods of preventing it; by Hermann von SCHRENK. 1902.—no. 15. Forage conditions on the northern border of the Great Basin . . . by David GRIFFITHS. 1902.—no. 16. Preliminary study of the germination of the spores of *Agaricus campestris* and other basidiomycetous fungi; by M. C. FERGUSON. 1902.—no. 17. Some diseases of the cowpea; by W. A. ORTON and H. J. WEBBER. 1902.—no. 18. Observations on the mosaic disease of tobacco; by A. F. WOODS. 1902.—no. 19. Kentucky bluegrass seed . . . by A. J. PIETERS and Edgar BROWN. 1902.

2563. ——— Seed and plant introduction, Section of. Inventory. no. 1-6, 8. 8°. Wash., 1899-1900.

Contents:—no. 1-2. Foreign seeds and plants imported by the Section of seed and plant introduction. no. 1-1900.—no. 3. Seeds of saccharine sorghums, distributed by the Section of seed and plant introduction.—no. 4. Cereals and forage plants collected in Russia by Mr. M. A. CARLETON for the Section of seed and plant introduction.—no. 5. Foreign seeds and plants imported by the Department of Agriculture and for distribution by the Section of seed and plant introduction. no. 1901-2700.—no. 6. Foreign seeds and plants collected in Austria, Italy, and Egypt by . . . BARBOUR LATHROP and . . . D. G. FAIRCHILD for the Section of seed and plant introduction.—no. 8. Seeds and plants imported for distribution in cooperation with the agricultural experiment stations. no. 3401-4350. For no. 9, see UNITED STATES—Agriculture, Department of—Plant industry, Bureau of (2562). Bulletin no. 5.

Nos. 1-6, published by the Division of botany.

2564. ——— Vegetable physiology and pathology, Division of. Bulletin. no. 1-29. il. 8°. Wash., 1890-1901.

Contents:—no. 1. Additional evidence on the communicability of peach yellows and peach rosette; by E. F. SMITH. 1891.—no. 2. California vine disease . . . by N. B. PIERCE. 1892.—no. 3. Report on the experiments made in 1891 in the treatment of plant diseases; by B. T. GALLOWAY. 1892.—no. 4. Experiments with fertilizers for the prevention and cure of peach yellows, 1889-92; by E. F. SMITH. 1893.—no. 5. Pollination of pear flowers; by M. B. WAITE. 1894.—no. 6. Bordeaux mixture as a fungicide; by D. G. FAIRCHILD. 1894.—no. 7. Effect of spraying with fungicides on the growth of nursery stock; by B. T. GALLOWAY.—no. 8. Principal diseases of citrus fruit in Florida; by W. T. SWINGLE and H. J. WEBBER. 1896.—no. 9. Bordeaux mixture; its chemistry, physical properties, and toxic effects on fungi and algæ; by W. T. SWINGLE. 1896.—no. 10. Copper sulphate and germination; by W. H. EVANS. 1896.—no. 11. Legal enactments for the restriction of plant diseases; by E. F. SMITH. 1896.—no. 12. Bacterial disease of the tomato, eggplant, and Irish potato; by E. F. SMITH. 1896.—no. 13. Sooty mold of the orange and its treatment; by H. J. WEBBER. 1897.—no. 14. Bermuda lily disease; by A. F. WOODS.—no. 15. Some edible and poisonous fungi; by W. G. FARLOW.—no. 16. Cereal rusts of the United States; by M. A. CARLETON. 1899.—no. 17. Wilt disease of cotton, watermelon, and cowpea; by E. F. SMITH. 1899.—no. 18. Physiological rôle of mineral nutrients; by Oscar Löw. 1899.—no. 19. Stigmonose; a disease of carnations and other pinks; by A. F. WOODS. 1900.—no. 20. Peach leaf curl; its nature and treatment; by N. B. PIERCE. 1900.—no. 21. Two diseases of red cedar; by Hermann von SCHRENK. 1900.—no. 22. *Xenia*; or the immediate effect of pollen in maize; by H. J. WEBBER. 1900.—no. 23. Spot disease of the violet; by P. H. DORSETT. 1900.—no. 24. Basis for the improvement of American wheats; by M. A. CARLETON.—no. 25. Some diseases of New England conifers; by Hermann von SCHRENK. 1900.—no. 26. Wakker's hyacinth germ, *Pseudomonas hyacinthi* (Wakker); by E. F. SMITH. 1901.—no. 27. Wilt disease of cotton and its control; by W. A. ORTON. 1900.—no. 28. Cultural characters of *Pseudomonas hyacinthi*, *Ps. campestris*, *Ps. phaseoli*, and *Ps. Stewartii*; four one-flagellate yellow bacteria parasitic on plants; by E. F. SMITH. 1901.—no. 29. Plant breeding; by W. M. HAYS. 1901.

Later bulletins of the Division of vegetable physiology and pathology are published as bulletins of the Bureau of plant industry.

2565. ——— Circular. no. 3-10, 15-18. il. 8°. Wash., 1887-99.

Contents:—no. 3. Treatment of the mildew and black rot of the grape. 1887.—no. 4. Treatment of the potato and tomato for the blight and rot. 1887.—no. 5. Fungicides, or remedies for plant diseases. 1888.—no. 6. Treatment of black rot of the grape. n. d.—no. 7. Grapevine diseases. n. d.—no. 8. Experiments in the treatment of pear leaf-blight and the apple powdery-mildew. 1889.—no. 9. Root rot of cotton [circular of inquiry]. n. d.—no. 10. Treatment of nursery stock for leaf-blight and powdery mildew; by B. T. GALLOWAY. 1891.—no. 15. Treatment for sooty mold of the orange; by H. J. WEBBER. 1895.—no. 16. Danger of introducing a Central American coffee disease into Hawaii; by W. T. SWINGLE. 1898.—no. 17. New spraying apparatus; by B. T. GALLOWAY. 1899.—no. 18. New wheat industry for the semiarid west; by M. A. CARLETON. 1901.

Nos. 11-13 were merely circulars of inquiry.

2566. **United States**—*Agriculture, Department of—Vegetable physiology and pathology, Division of (continued)*. Report of the chief, 1887–1900. 8°. Wash., 1888–1900.

1887–88, published in Report of the Commissioner of Agriculture; 1889–1900, published in Report of the Secretary of Agriculture.
Also reprinted as separates.

— — — See also **Journal of mycology** (2468).

— *National herbarium*. See **United States—Agriculture, Department of—Botany, Division of** (2558). Contributions from the U. S. national herbarium.

Università di Pavia. See **Pavia, Università di** (2505).

Universitas imperialis Petropolitana. See **St. Petersburg. Universitas imperialis Petropolitana** (2529).

University of Pennsylvania. See **Pennsylvania, University of** (2508).

V.

2567. **Vellosoia**; contribuições do Museu botânico do Amazonas, 1885–88. Ed. 2. v. 1, 3. il. 4°. Rio de Janeiro, 1891.

Contents:—v. 1. Botanica. [text].—v. 3. Botanica [estampas].

2568. **Vermont—University—Botanical department**. Contributions to the botany of Vermont. no. 1–8. 8°. n. p., 1898–1900.

Vienna. K. k. gartenbau-gesellschaft in Wien. See **Wiener illustrierte garten-zeitung** (2569).

W.

2569. **Wiener illustrierte garten-zeitung**; organ der K. k. gartenbau-gesellschaft in Wien, [monthly], Jan. 1879–Dec. 1901. v. 4–26. il. 8°. Wien, 1879–1901.

v. 1–3, published under the title: **Wiener obst- und garten-zeitung** (2570), q. v.

2570. **Wiener obst- und garten-zeitung**; illustrierte monatschrift für pomologie und die gesammte gärtnerie, Jan. 1876–Dec. 1878. v. 1–3. il. 8°. Wein, 1876–78.

United in 1879 with **Der gartenfreund** and continued under the title: **Wiener illustrierte garten-zeitung** (2569), q. v.

Z.

2571. **Zeitschrift für pflanzenkrankheiten**; organ für gesamtinteressen des pflanzenschutzes, 1891–1901. v. 1–11. il. 8°. Stuttg., 1891–1901.

2572. **Zeitschrift für pilzfreunde**; populäre mittheilungen über essbare und schädliche pilze, [monthly]. v. 1–2. il. 8°. Dresden, 1883–85.

2573. **Zeitschrift für wissenschaftliche botanik**. no. 1–4. il. 8°. Zürich, 1844–47.

Edited by M. J. Schleiden and Carl Nägeli.

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- 42. Catalogue of the publications relating to botany in the library of the U. S. Department of Agriculture.

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