

I. Allgemeines.

- Fischer, E.** 1914. Botanik und Botaniker in Bern. (Verh. schweiz. natf. Ges. 1914. p. 1—26.)
- Niemann, G.** 1914. Etymologische Erläuterung der wichtigsten botanischen Namen und Fachausdrücke. 2. Aufl. (Osterwieck, A. W. Zickfeldt. 1914. 8°. IV, 77 pp. Preis 3 Mk.)

II. Anatomie.**Cf. IV. Gomba; XVII. Jossa.**

- Arber, A.** 1915. The anatomy of the stamens in certain Indian species of *Parnassia*. (Ann. of Bot. XXIX. p. 159—160. 1 f.)
- Haslinger, H.** 1914. Vergleichende Anatomie der Vegetationsorgane der Juncaceen. (Anz. ksl. Ak. Wiss. Wien. 9. Juli 1914.)
- Hoar, C. S.** 1915. A comparison of the stem anatomy of the cohort Umbelliflorae. (Ann. of Bot. XXIX. p. 55—63. 2 pl.)
- Koketsu, R.** 1914. Ueber die anatomischen Verhältnisse einiger panazierten Laubblätter. (Bot. Mag. Tokyo. XXVIII. p. 323—325.)
- McKechnie, G.** 1914. The histology of a leaf. (Annual Rep. and Trans. Manchester micr. Soc. 1913 [1914]. p. 68—70.)
- Sauerbrei, F.** 1914. Leitbündelverbindungen im krautigen Dicotylenstengel. (Jenaische Zschr. Natw. LIII. p. 189—288. 9 F.)
- Suckling, L. A.** 1914. The leaf-anatomy of some trees and shrubs growing on the Port Hills, Christchurch. (Trans. N. Zealand Inst. XLVI. p. 178—188. 11 f.)
- Winton, K. B.** 1914. Histology of flax fruit [*Linum usitatissimum* L.]. (Bot. Gaz. LVIII. p. 445—448. 4 f.)

III. Biologie.

- Andrews, E. F.** 1915. The *Galax odor*. (Torreya. XV. p. 16—18. 1 f.)
- Nieuwland, J. A.** 1914. Notes on cleistogamous flowers of violets. II. (Amer. Midland Nat. III. p. 198—200.)

IV. Morphologie, Teratologie, Befruchtung, Cytologie.**Cf. V. Belling.**

- Andersson, E. G.** 1914. Retention of Chlorophyll through the paraffin process. (Bot. Gaz. LVIII. p. 528.)
- Black, C. A.** 1914. Branched cells in the prothallium of *Onoclea sensibilis* L. (Bull. Torrey bot. Club. XLI. p. 617—620. 2 pl.)
- Boodle, L. A.** 1915. Concrecent and solitary foliage leaves in *Pinus*. (N. Phytologist XIV. p. 19—22. 4 f.)
- Brannon, M. A.** 1914. Fasciation. (Bot. Gaz. LVIII. p. 518—526 7 f.)
- Cambage, R. H.** 1914. Dimorphic foliage of *Acacia rubida*, and fructification during bipinnate stage. (Journ. and Proc. r. Soc. N. S. Wales. XLVIII. p. 136—139.)
- Cereceda, J. D.** 1914. Acerca de una fasciacion en un ejemplar de la *Euphorbia Paralias* L. (Bol. r. Soc. española Hist. nat. XIV. p. 413—414. 1 f.)
- Coulter, J. M.** 1914. Reproduction in plants. (Bot. Gaz. LVIII. p. 337—352.)
- Detzel, L.** 1914. Morphologische Untersuchungen an Weizenvariations mit besonderer Berücksichtigung des Aehrenbaues. (Diss. München. 1914. 8°. 64 pp. 11 T. u. A.)
- Gomba, K.** 1914. Ueber die vergleichenden morphologischen und anatomischen Verhältnisse der *Urtica radicans*, *U. Kiovensis* und *U. dioica*. (Diss. Kolozsvár. 1914. 8°. 43 pp. 3 T. 2 F. Magyarisch.)

- Györffy, I.** 1914. Abnormale Blüten von *Linaria intermedia* aus der Hohen Tatra. (Mag. bot. Lap. XIII. p. 197—208. 1. F 2 T.)
- Haberlandt, G.** 1914. Zur Physiologie der Zellteilung. II. (Sitzber. kgl. preuss. Ak. Wiss. 1914. p. 1096—1111.)
- Jack, J. G.** 1914. Plural seeds in acorns. (Rhodora. XVI. p. 141—144.)
- Johnson, D. S.** 1914. Studies of the development of the Piperaceae. II. The structure and seed-development of *Peperomia hispidula*. (Amer. Journ. Bot. I. p. 357—397. 3 pl. f. 113—120.)
- Murbeck, S.** 1914. Ueber die Baumechanik bei Aenderungen im Zahlenverhältnis der Blüte. (Lunds Univ. Årsskrift. N. F. 2. XI. 36 pp. 8 T. 6 F.)
- Raunkjaer, C.** 1914. „Gymnospermī“ hos *Knowltonia vesicatoria*. (Bot. Tidsskr. XXXIII. p. 379. 2 f.)
- Raunkjaer, C.** 1914. Kimdannelse uden befrugtning hos *Chondrilla juncea* L. (Bot. Tidsskr. XXXIII. p. 379—381.)
- Rohrer G.** 1914. Experimentelle Untersuchungen über die Entwicklung hypertropher und verzweigter Primärblätter und Kotyledonen. [Diss. Göttingen]. (Dresden, C. Heinrich. 1914. 8°. 58 pp.)
- Schilberszky, K.** 1914. Vorlage einiger von I. Györffy eingesandten Teratome. (Mag. bot. Lap. XIII. p. 284—285.)
- Sharp, L. W.** 1914. Spermatogenesis in *Marsilia*. (Bot. Gaz. LVIII. p. 419—431. 2 pl.)
- Sigriantski, A.** 1913. Quelques observations sur l'*Ephedra helvetica* Mey. (Univ. Genève Inst. bot. Sér. 8. Fasc. 10. 62 pp.)
- Snow, L. M.** 1914. Contributions to the knowledge of the dia-phragms of water plants. I. *Scirpus validus*. (Bot. Gaz. LVIII. p. 495—517. 16 f.)
- Tahara, M.** 1914. Cytological studies on *Chrysanthemum*. (Bot. Mag. Tokyo. XXVIII. p. (489) — (494). Japanese.)
- Tunmann, O.** 1914. Zur Morphologie und Mikrochemie von *Podophyllum peltatum* L. (Droge). (Pharm. Zentralhalle. LV. p. 619. ill.)

V. Varietäten, Descendenz, Hybriden.

Cf. IV. Detzel, Murbeck; XVIII. Gates; XX. W[hite].

- Babcock, E. B.** 1914. Studies in *Juglans*. II. Further observations on a new variety of *Juglans californica* Watson and on certain supposed walnut-oak hybrids. (Univ. California Publ. Agr. II. p. 47—70. pl. 13—19.)
- Belling, J.** 1915. On the time of segregation of genetic factors in plants. (Amer. Nat. IL. p. 125—126.)
- Castle, W. E.** 1915. Selection, sugarbeets and thrips. (Amer. Nat. IL. p. 121—122.)
- Cockerell, T. D. A.** 1914. Suppression and loss of characters in sun-flowers. (Science. 2. XL. p. 283—285.)
- Collins, G. N.** 1914. A more accurate method of comparing first generation maize hybrids with their parents. (Journ. agr. Res. Washington. III. p. 85—91.)
- Conklin, E. G.** 1914. Phenomena of inheritance. (Pop. Sc. Monthly. LXXXV. p. 425—442. f. 57—62.)
- Coulter, J. M.** 1914. Evolution of sex in plants. (Chicago, Ill., Univ. Press. 1914. 140 pp. 46 f. Price § 1.—.)
- Davis, B. M.** 1915. Professor de Vries on the probable origin of *Oenothera Lamarckiana*. (Amer. Nat. IL. p. 59—64.)
- East, E. M.** 1915. The phenomenon of self-sterility. (Amer. Nat. IL. p. 77—88.)
- Harris, J. A.** 1914. On the correlation between somatic characters

- and fertility. II. Illustrations from *Phaseolus vulgaris*. (Amer. Journ. Bot. I. p. 398—411. 3 f.)
- Heinricher, E.** 1914. Untersuchungen über *Lilium bulbiferum* L., *Lilium Croceum* Chaix und den gezüchteten Bastard *Lilium* sp. ♀ × *Lilium croceum* Chaix ♂. (Anz. ksl. Ak. Wiss. Wien. Dez. 1914.)
- Herzfeld, S.** 1914. Die Bedeutung der Cycadeoideen-Forschung für die Stammesgeschichte des Pflanzenreiches. (Verh. k. k. zool. bot. Ges. Wien. LXIV. p. (270)—(281). ill.)
- Jackson, H. H. T.** 1914. The land Vertebrates of Ridgeway Bog, Wisconsin, their ecological succession and source of ingressions. (Bull. Wisconsin nat. Hist. Soc. XII. p. 4—54. 9 f.)
- Jeffrey, E. C.** 1914. Spore conditions in hybrids and the mutation hypothesis of de Vries. (Bot. Gaz. LVIII. p. 322—336. 4 pl.)
- Lumsden, D.** 1914. Mendelism in melons. (Bull. New Hampshire agr. Stat. 1914. 172. 58 pp. 5 f.)
- Pittauer, G.** 1914. Studien über die Vielfarbigkeit von Schwarzkiefern-samenkörnern. (Zbl. ges. Forstw. Wien. XL. 18 pp.)
- Sinnott, E. W.** 1914. Investigations on the phylogeny of the Angiosperms. (Amer. Journ. Bot. I. p. 303—322. 6 pl.)
- Ulpiani, C.** 1914. Sopra alcuni rapporti fra la regola di Mendel e la teoria atomica. (Rend. Soc. chim. ital. 1914. p. 173—222.)
- W[hite], O. E.** 1914. Grafts, grafting and graft-hybrids. (Leaflets Brooklyn bot. Gard. Ser. II. Nos 13 and 14. ill.)
- W[hite], O. E.** 1914. Heredity, variation and environment. (Leaflets Brooklyn bot. Gard. Ser. II. № 8. ill.)
- W[hite], O. E.** 1914. Studies of teratological phenomena in their relation to evolution and the problems of heredity. I. (Amer. Journ. Bot. I. p. 23—26. 4 f.)
- W[hite], O. E.** 1914. The history of the Nicotiana. II. An account of the heredity and environment of a family of tobacco plants. (Leaflets Brooklyn bot. Gard. Ser. II. № 12. ill.)

VI. Physiologie.

Cf. IV. Haberlandt; XVI. Cannon.

- Bokorny, Th.** 1915. Bindung von Ammoniak durch das Zelleneiweiss. (Biol. Cbl. XXXV. p. 25—30.)
- Briggs, L. J. and H. L. Shantz.** 1914. Relative water requirement of plants. (Journ. agr. Res. Washington. III. p. 1—63. 7 pl.)
- Bunzel, H. H.** 1914. Oxidases in healthy and in curly-dwarf potatoes. (Journ. agr. Res. Washington. II. p. 373—404.)
- Cannon, W. A.** 1914. On the density of the cell sap in some desert plants. (Plant World. XVII. p. 209—212.)
- Coblentz, W. W.** 1914. The exudation of ice from stems of plants. (Monthly Weather Rev. XLII. p. 490—499. 5 pl. 7 f.)
- Crocker, W. and W. E. Davis.** 1914. Delayed germination in seed of *Alisma plantago*. (Bot. Gaz. LVIII. p. 285—321. 8 f.)
- Dachnowski, A.** 1914. The effect of acid and alkaline solutions upon the water relation and the metabolism of plants. (Amer. Journ. Bot. I. p. 412—439. 4 f.)
- Dixon, H. H.** 1915. Transpiration and the ascent of sap in plants. (London, Macmillan & Co. 1915. 8". Price 5 s. net.)
- Eckerson, S.** 1914. Thermotropism of roots. (Bot. Gaz. LVIII. p. 254—263. 6 f.)
- Fries, R. E. och C. Skottsberg.** 1914. Några iakttagelser öfver senaste solförmörkelses inverkan på växter i Upsala botaniska trädgård. [Beobachtungen über die Einwirkung der letzten Sonnenfinsternis

- auf Pflanzen im botanischen Garten zu Upsala]. (Svensk bot. Tidskr. VIII. p. 437—445. 5 A.)
- Fuller, G. D. 1914.** Evaporation and soil moisture in relation to the succession of plant associations. (Bot. Gaz. LVIII. p. 193—234. 27 f.)
- Gain, E. et A. Jungelson. 1915.** Sur les grains de maïs issus de la végétation d'embryons libres. (C. R. Ac. Sc. Paris. CLX. p. 142—144.)
- Garner, W. W., H. A. Allard and C. L. Foubert. 1914.** Oil content of seeds as affected by the nutrition of the plant. (Journ. agr. Res. Washington. III. p. 227—249.)
- Gautier, A. 1915.** Influence du fluor sur la végétation. (C. R. Ac. Sc. Paris. CLX. p. 194—195.)
- Gile, P. L. and C. N. Ageton. 1914.** The effect of strongly calcareous soils on the growth and ash composition of certain plants. (Bull. Porto Rico agr. Exp. Stat. XVI. p. 1—45. 4 pl.)
- Gile, P. L. and J. O. Carrero. 1914.** Assimilation of colloidal iron by rice. (Journ. agr. Res. Washington. III. p. 205—210.)
- Halket, A. C. 1915.** The effect of salt on the growth of *Salicornia*. (Ann. of Bot. XXIX. p. 143—154. 4 d. 1 pl.)
- Hasselbring, H. and L. A. Hawkins. 1915.** Physiological changes in sweet potatoes during storage. (Journ. agr. Res. Washington. III. p. 331—342.)
- Heinricher, E. 1915.** Ueber besondere Keimungsbedingungen, welche die Samen der Zwer-Mistel *Arceuthobium Oxycedri* (DC.) M. Bieb. beanspruchen. (Cbl. Bakt. 2. XLII. p. 705—711.)
- Huntington, E. 1914.** The climatic factor as illustrated in arid America. (Carnegie Inst. Washington Publ. 1914. 192. 341 pp. 70 f. 12 pl.)
- Lehmann, E. 1914.** Ueber Keimverzug. (Natw. Wschr. 2. XIII. p. 385—389.)
- Lubimenko, M. V. et M. M. Novikoff. 1914.** Sur la formation d'huile essentielle chez l'*Ocimum basilicum* L. aux différentes intensités lumineuses. (Bull. appl. Bot. Petrograd. VII. p. 697—727. Russisch u. deutsch.)
- Lutz, O. 1914.** The poisonous nature of the stinging hairs of *Jatropha urens*. (Science. 2. XL. p. 609—610.)
- Molisch, H. 1914.** Ueber die Herstellung von Photographien in einem Laubblatte. (Anz. kais. Ak. Wiss. Wien 15 Okt. 1914.)
- Osterhout, W. J. V. 1914.** The forms of antagonism curves as affected by concentration. (Bot. Gaz. LVIII. p. 367—371. 3 f.)
- Osterhout, W. J. V. 1914.** The measurement of antagonism. (Bot. Gaz. LVIII. p. 272—276. 3 f.)
- Osterhout, W. J. V. 1914.** Vitality and injury as quantitative conceptions. (Science. 2. XL. p. 488—491.)
- Otis, Ch. H. 1914.** The transpiration of emersed water plants: its measurement and its relationships. (Bot. Gaz. LVIII. p. 457—494. 3 f. 14 ch.)
- Rabinovitch, D. M. 1914.** Etude sur le rôle et la fonction des sels minéraux dans la vie de la plante. IV. L'assimilation des matières minérales par le *Raphanus sativus*. (Univ. Genève Inst. bot. Sér. 8. Fasc. 11. p. 1—24.)
- Rosendahl, C. O. 1914.** Experiments in forcing native plants to blossom during the winter months. (Plant World. XVII. p. 354—361.)
- Sievers, A. F. 1914.** The germination of belladonna seed. (Amer. Journ. Pharmacy. LXXXVI. p. 483—505. 10 f.)
- Spegazzini, C. 1914.** Substancias segregadas de las plantas de las regiones áridas de la República Argentina. (An. Soc. cienc. argentina. LXXVII. p. 151—158.)

- Tokugawa, Y.** 1914. Zur Physiologie des Pollens. (Bot. Mag. Tokyo. XXVIII. p. (494)–(513). Japanese.)
Weaver, J. E. 1914. Evaporation and plant succession in southeastern Washington and adjacent Idaho. (Plant World. XVII. p. 273–294.)

VII. Palaeontologie.

- Baumberger, E.** und **P. Menzel.** 1914. Beitrag zur Kenntnis der Tertiärfloren aus dem Gebiete des Vierwaldstätter Sees. (Mém. Soc. paléont. suisse. Genève. XL. 84 pp. 4 pl.)
Barbour, E. M. 1915. Carboniferous plant tissue. (Amer. Journ. Sc. XXXIX. p. 173–174. 1 f.)
Beger, P. J. 1914. Culmkohle in der nordsächsischen Grauwacken formation. (Cbl. Miner. Geol. u. Paleontol. 1914. p. 361–365. 2 F.)
Berry, E. W. 1915. An eocene ancestor of the Zapodilla. (Amer. Journ. Sc. XXXIX. p. 208–213. 1 pl.)
Berry, E. W. 1913. Notes on the geological history of the walnuts and bickoires. (Smithsonian Rept. 1913. p. 319–331. 4 f.) [Reprinted from Plant World. vol. 15. Oct. 1912].
Britton, E. G. and **A. Hollick.** 1915. A new american fossil moss. (Bull. Torrey bot. Club. XLII. p. 9–10. 2 f.)
Engelhardt, X. 1913. Neuer weiterer Beitrag zur tertiären Flora Bosniens. (Glasnica zemaljskog Muzeja u Bosni i Hercegovini XXV. p. 383–396.)
Engelhardt, H. und **W. Schottler.** 1914. Die tertiäre Kieselgur von Altenschlirf im Vogelsberg. (Abh. grossherz. hessisch. geol. Landesanst. Darmstadt. V. p. 261–317. 18 T.)

VIII. Microscopie.

- Hanausek, T. F.** 1914. Zur Mikroskopie einiger Papierstoffe. (Der Papierfabrikant. 1914. 8 pp. ill.)
Turner, Ch. 1914. The microscopy of the Manchester water supply. (Annual Rep. and Trans. Manchester micr. Soc. 1913 [1914]. p. 44–58. 1 pl.)

IX. Cryptogamen im Allgemeinen.

(Vacat).

X. Algae.

- Duggar, B. M.** and **A. R. Davis.** 1914. Enzyme action in *Fucus vesiculosus* L. (Ann. Missouri bot. Gard. I. p. 419–426.)
Farlow, W. G. 1914. The vegetation of the Sargasso sea. (Proc. amer. philos. Soc. LIII. p. 257–262.)
Getman, M. R. 1914. Oogenesis in *Hormosira*. (Bot. Gaz. LVIII. p. 264–271. 7 f. 1 pl.)
Groves, J. 1915. A new *Nitella*. (Journ. of Bot. LIII. p. 41–43. 1 pl.)
Kolkwitz, R. 1914. Ueber die Ursachen der Planktonentwicklung im Lietzensee. (Ber. deutsch. bot. Ges. XXXII. p. 639–666. 2 A.)
Rigg, C. B. 1914. The effect of the Katmai eruption on marine vegetation. (Science. 2. XL. p. 509–513.)
Scherffel, A. 1914. Algologische Fragmente der Hohen-Tátra. (Mag. bot. Lap. XIII. p. 189–193.)
Schorler, B. 1914. Die Algenvegetation an den Felswänden des Elbsandsteingebirges. (Abh. natw. Ges. „Isis“ Dresden. 1914. p. 3–27.)

XI. Eumycetes.

Cf. XIX. Amato.

- Anderson, J. P.** 1913. A partial list of the parasitic Fungi of Decatur County, Iowa. (Proc. Iowa Ac. Sc. XX. p. 115–131.)

- Arnaud, G.** 1915. Sur les sucoirs des Balladnya, Lembosia et Parodiopsis. (*Parodiella* pr. part.). (*C.R. Ac. Sc. Paris. CLX.* p. 180—183.)
- Baden, M. L.** 1915. Observations on the germination of the spores of *Coprinus sterquilinus*, Fr. (*Ann. of Bot. XXIX.* p. 135—142. 1 pl.)
- Baker, C. F.** 1914. First supplement to the list of the lower Fungi of the Philippine Islands. (*Leaflets philippine Bot. VII.* p. 2417—2542.)
- Banker, H. J.** 1914. Type studies in the Hydnaceae. VII. The genera *Asterodon* and *Hydnochaete*. (*Mycologia. VI.* p. 231—234.)
- Baudys, E.** 1914. Beitrag zur Kenntnis der Mikromyceten-Flora von Oesterreich-Ungarn, insbesondere von Dalmatien. (*Oesterr. bot. Zschr. LXIV.* p. 482—486.)
- Boyd, D. A.** 1914. Additional records of Microfungi for the Clyde area. (*Glasgow Nat. VI.* p. 75—78.)
- Bresadola, G.** and **H. Sydow.** 1914. Enumeration of Philippine Basidiomycetes. (*Philippine Journ. Sc. IX.* p. 345—352.)
- Burt, E. A.** 1914. The Thelephoraceae of North America. III. (*Ann. Missouri bot. Gard. I.* p. 357—382. 1 pl. to be cont.)
- Cotton, A. D.** 1912. On the production of imperfectly developed spores in de Agaricaceae. (*Trans. British mycol. Soc. IV.* p. 298—300.)
- Davis, J. J.** 1914. A provisional list of the parasitic Fungi in Wisconsin. (*Trans. Wisconsin Ac. Sc. XVII.* p. 846—984.)
- Dietel, P.** 1915. Versuche über die Keimungsbedingungen der Teleutosporen einiger Uredineen. III. (*Cbl. Bakt. 2. XLII.* p. 698—705.)
- Dodge, B. O.** 1914. A list of Fungi, chiefly Saprophytes from the region of Kewaunee County. Wisconsin. (*Trans. Wisconsin. Ac. Sc. XVII.* p. 806—845.)
- Dodge, B. O.** 1914. Wisconsin Discomycetes. (*Trans. Wisconsin. Ac. Sc. XVII.* p. 1027—1056.)
- Gassner, G.** 1915. Die Teleutosporenbildung der Getreiderostpilze und ihre Bedingungen. (*Zschr. f. Bot. VII.* p. 65—120.)
- Fischer, E.** 1914. Fungi (Gen. *Dictyophora*) von Neu-Caledonien. F. Sarasin und J. Roux, *Nova Caledonia. Bot. Vol. I. L. 1. N°. 1.* p. 3—4.)
- Fragoso, R. G.** 1914. *Uredo Holoschaeni* Cast. = *Uromyces Junci* (Desm.) Tul. (*Bol. r. Soc. española Hist. nat. XIV.* p. 459—460.)
- Fragoso, R. G.** 1914. Varios hongos poco conocidos ó nuevos para la flora española. (*Bol. r. Soc. española. Hist. nat. XIV.* p. 429—437.)
- Fromme, F. D.** 1914. A new gymnosporangial connection. (*Mycologia. VI.* p. 226—230.)
- Garrett, A. O.** 1914. The smuts and rusts of Utah. II. (*Mycologia. VI.* p. 240—258.)
- Herter, W.** 1914. Die Mikroorganismen in der Müllerei und Bäckerei. (*Zschr. f. ges. Getreidew. VI.* p. 143—144.)
- Hollós, L.** 1914. Szekszárd földalatti gombái. [Die hypogaeen Pilze von Szekszárd]. (*Tohrovárm. Közmtv. Egyesül.* 1913, erschienen 1914, p. 11—16. Magyarisch.) [Von den 16 gefundenen Arten ist *Stephensia bombycinia* (Vill.) Tul. neu für Ungarns flora. — Matouschek (Wien.)]
- Levine, M.** 1914. The origin and development of the lamellae in *Coprinus micaceus*. (*Amer. Journ. Bot. I.* p. 343—356. 2 pl.)
- Murrill, W. A.** 1914. Illustrations of Fungi. XIX. (*Mycologia. VI.* p. 221—225. 2 pl.)
- Naoumoff, N.** 1914. Matériaux pour la flore mycologique de la Russie. II. Liste des champignons du gouvernement de Petrograd (St. Petersbourg). (*Bull. appl. Bot. Petrograd. VII.* p. 728—734. Russisch u. deutsch.)
- †**Studer-Steinhäuslin, B.** 1914. Die Hymenomyceten des bernischen

- Hügellandes zwischen Alpen und Jura. Mit Vorwort von Ed. Fischer. (Mitt. natf. Ges. Bern. 1914. p. 1—32.)
- Thaxter, R.** 1914. New or peculiar Zygomycetes. 3: Blakeslea discophora, and Haplosporangium, nova genera. (Bot. Gaz. LVIII. p. 353—366. 4 pl.)
- Thaxter, R.** 1914. On certain peculiar Fungus-parasites of living insects. (Bot. Gaz. LVIII. p. 235—253. 6 pl.)
- Tunmann, O.** 1914. Beiträge zur angewandten Pflanzenmikrochemie. IX. Zur Mikrochemie von Fungus Laricis. (Apoth. Ztg. XXIX. p. 120. ill.)
- Verrill, A. E.** 1914. A recent case of mushroom intoxication. (Science. 2. XL. p. 408—410.)
- Wolk, P. C. van der.** 1914. Stagonospora Cassavae n. sp. (Mycol. Cbl. V. p. 225—230. 11 f.)
- Zeller, S. M.** 1914. The development of the carpophores of Ceriomyces Zelleri. (Mycologia. VI. p. 235—239. 2 pl.)

XII. Myxomycetes.

- Scherffel, A.** 1914. Arcyria insignis Kalchbr. et Cooke in Ungarn. (Mag. bot. Lap. XIII. p. 194—197.)

XIII. Pflanzenkrankheiten.

Cf. VI. Bunzel.

- Allard, H. A.** 1915. Effect of dilution upon the infectivity of the virus of the mosaic disease of tobacco. (Journ. agr. Res. Washington. III. p. 295—299.)
- Anderson, P. J. and W. H. Rankin.** 1914. Endothia canker of chestnut. (Bull. Cornell Univ. agr. Exp. Stat. 1914. 347. p. 533—618. ill.)
- Bakke, A. L.** 1913. The effect of smoke and gases on vegetation. (Proc. Iowa Ac. Sc. XX. p. 169—187. ill.)
- Baudys, E.** 1914. Ein Beitrag zur Verbreitung der Gallen in Mähren. (Acta Soc. entomolog. Bohem. XI. p. 13—16. Tschechisch.)
- Bayer, E.** 1914. Die Heterogamie gallenerzeugender Cynipiden. (Lékarské rozhledy, příl Časopisu Lékařův Ceských Prag, 1914. 8 pp. 1 Tab. Tschechisch.)
- Bayer, E.** 1914. Einteilung der Gallen und die cecidologische Terminologie. (Živa. Prag. XXIV. p. 51—58. Tschechisch.)
- Britton, W. E. and G. P. Clinton.** 1915. Spray calendar 1915. (Bull. Connecticut agr. Exp. Stat. 1915. 183. 28 pp. ill.)
- Britton, W. E. and G. P. Clinton.** 1914. Spray treatment etc., for orchards. (Bull. Connecticut agr. Exp. Stat. New Haven, Conn. 1914. 184. 3—12.)
- Byl, P. van der** 1914. A study on a „mottled” disease of the black wattle. (Sc. Bull. Dep. Agr. S. Africa. 1914. p. 3—20.)
- Charles, V. K. and A. E. Jenkins.** 1914. A fungous disease of hemp. (Journ. agr. Res. Washington. III. p. 81—84. 1 f. 1 pl.)
- Harter, L. L.** 1914. Fruit-rot, leaf-spot, and stem-blight of the eggplant (*Solanum melongena*) caused by *Ptomopsis vexans*. (Journ. agr. Res. Washington. II. p. 331—338. 5 pl.)
- Heald, F. D. and R. A. Studhalter.** 1914. Birds as carriers of the chestnut-blight Fungus. (Journ. agr. Res. Washington. II. p. 405—422 2 f. 2 pl.)
- Heald, F. D. and R. A. Studhalter.** 1914. The Strumella disease of oak and chestnut trees. (Bull. Pennsylvania Dep. Forestry. X. 15 pp. 12 pl.).

- Hedgecock, G. C. and W. H. Long. 1914.** Heart-rot of oaks and poplars caused by *Polyporus dryophilus*. (Journ. agr. Res. Washington. III. p. 65—77. 3 pl.)
- Hiley, W. E. 1915.** On the mode of infection of larch canker and the possible means of preventing it. (Quart. Journ. Forestry. 1915. 11 pp. 3 pl.)
- Hollós, L. 1914.** Amerikából származó növénybetegségek Szekszárdon. [Aus Amerika stammende Pflanzenkrankheiten in Szekszárd]. (Tolnavárm. Közérd. 1914). [Es sind zu nennen: *Sphaerotheca mors uvae* (Schw.) Berk., *Septoria Lycopersici* Speg., *Peronospora cubensis* Berk. et Curt. Die pilzlichen Schädlinge werden beschrieben und ihre Bekämpfung angegeben. — Matouschek (Wien).]
- Hollós, L. 1914.** Ueber die *Septoria*-Krankheit der Paradiespflanze. (Magyar bot. Lap. XIII. p. 274—275.) [*Septoria Lycopersica* Speg. hat Verf. bereits 1905 in Kecskemét gefunden. 1914 fand er den Schädiger um Szekszárd (Ungarn). — Matouschek.]
- Jehle, R. A. 1914.** Peach cankers and their treatment. (Circ. Cornell agr. Exp. Stat. 1914. 26. p. 53—64. 8 pl.)
- Morse, W. J. and M. Shapovalov. 1914.** The Rhizoctonia disease of potatoes. (Bull. Maine agr. Exp. Stat. 1914. 230. p. 193—216. f. 61—73.)
- Müller, H. C. und E. Molz. 1914.** Versuche zur Bekämpfung des Rübenematoden *Heterodera Schachtii*. (Zschr. Ver. deutsch. Zucker-Ind. Techn. Teil. 1914. p. 959—1050. 3 A.)
- Müller, H. C. und E. Molz. 1914.** Versuche zur Bekämpfung des Steinbrandes bei dem Winterweizen mittels des Formaldehyd-Verfahrens. (Fühlings landw. Ztg. 1914. p. 742—752.)
- Orton, W. A. and F. V. Rand. 1914.** Pecan Rosette. (Journ. agr. Res. Washington. III. p. 149—174. 5 pl.)
- Potter, A. A. 1914.** Head smut of Sorghum and maize. (Journ. agr. Res. Washington. II. p. 339—371. 7 pl.)
- Reddick, D. 1914.** Dead-arm disease of grapes. (Bull. New York agr. Exp. Stat. Geneva, N. Y. 1914. 389. p. 463—490. ill.)
- Schoene, W. J. 1914.** The cabbage maggot in relation to the growing of early cabbage. (Bull. New York agr. Exp. Stat. Geneva, N. Y. 1914. 382. p. 231—247. ill.)
- Sears, P. B. 1914.** The insect galls of Cedar Point and vicinity. (Ohio Nat. XV. p. 377—388. 4 pl.)
- Sherbakoff, C. D. 1914.** Potato scab and sulfur disinfection. (Bull. Cornell Univ. agr. Exp. Stat. 1914. 350. p. 709—743. ill.)
- Spaulding, P. 1914.** Undesirable foreign plant diseases. (Trans. Massachusetts hort. Soc. 1914. p. 153—179.)
- Spegazzini, C. 1914.** Sobre algunas parásitas fanerogámicas de la República Argentina. (An. Soc. cienc. argentina. LXXVII. p. 145—150.)
- Taubenhaus, J. J. 1914.** A *Gloeosporium* disease of the spice bush. (Amer. Journ. Bot. I. p. 340—342.)
- Veihmeyer, F. J. 1914.** The Mycogone disease of mushrooms and its control. (Bull. Dep. Agr. Washington. 1914. 127. 24 pp. 5 f. 3 pl.)

XIV. Bacteriologie.

- Coupin, H. 1915.** Sur la nutrition organique d'une Bactérie marine. (C. R. Ac. Sc. Paris. CLX. p. 151—152.)
- Dudtschenko, I. S. 1914.** Ueber die Bedingungen, welche Polfärbung, Polymorphismus und eine eigentümliche Art von Involutionenformen bei den pestähnlichen Bacillen hervorrufen. (Cbl. Bakt. 1. LXXV. p. 264—272.)

Headden, W. P. 1914. Do Azotobacter nitrify? (Science. 2. XL. p. 379—381.)

Lavanchy, C. I. 1914. Contribution à l'étude de la flore bactérienne du lac de Génève. (Univ. Genève Inst. bot. Sér. 8. Fasc. 12. 68 pp.)

Linsbauer, L. 1914. Die Rolle der Mikroorganismen im gärtnerischen Haushalt. (Ber. 2. österr. Gartenwoche in Wien. XII. 11 pp.)

XV. Lichenes.

Harmand, J. 1914. Lichenes de la Nouvelle-Calédonie et les Iles Loyalty. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N° 2. Wiesbaden, C. W. Kreidel. 1914.)

Howe, R. H. 1914. On a small collection of Lichens from Jamaica, West Indies. (Mycologia. VI. p. 259—263.)

Stabinska, Mlle T. M. 1914. Recherches expérimentales sur la physiologie des gonidies du *Verrucaria nigrescens*. (Univ. Inst. bot. Sér. 8. Fasc. 11. p. 1—25.)

XVI. Bryophyten.

Cf. VII. Britton & Hollick.

Andrews, A. Le Roy 1915. Notes on North American Sphagnum. VI. (Bryologist. XVIII. p. 1—6.)

Britton, E. G. 1915. West Indian mosses. II. Mosses of the Danish West Indies and Virgin Islands. (Bull. Torrey bot. Club. XLII. p. 1—8. 1 pl.)

Cannon, W. A. 1914. A note on the reversibility of the water reaction in a desert liverwort. (Plant World. XVII. p. 261—265.)

Degen, A. 1914. Ein Beitrag zur Kenntnis der Moosflora des Berges Bucssecs in Siebenbürgen. (Mag. bot. Lap. XIII. p. 209—217.)

Dixon, H. N. 1915. Miscellanea bryologica. IV. (Journ. of Bot. LIII. p. 16—23.)

Evans, A. W. 1914. Report on the Hepaticae of Alaska. (Bull. Torrey bot. Club. XLI. p. 577—616 1 pl.)

Greenwood, H. E. 1915. Revised list of Hepaticae collected in and near Worcester, Massachusetts. (Bryologist. XVIII. p. 6—9. to be concl.)

Grout, A. J. 1915. Leptobryum pyriforme (L.) Wilson, with gemmae. (Bryologist. XVIII. p. 9—10. 1 f.)

Hagen, I. 1914. Norges bryologi i det 18de aarhundrede. II. (Kgl. norske Vidensk. Selsk. Skrift. 1913 [1914]. p. 1—14.)

Hill, E. J. 1915. Fontinalis Umbachii Cardot. (Bryologist. XVIII. p. 10—12.)

McCormick, F. A. 1914. A study of *Symphyogyna aspera*. (Bot. Gaz. LVIII. p. 401—418. 3 pl.)

Melin, E. 1914. Sphagnum-biologische Studien. II. Eine kaltwasserform von Sphagnum. (Svensk bot. Tidskr. VIII. p. 309—314. 3 A.)

Olsen, C. 1914. Vegetationen i nordsjællandske Sphagnummoser. (Bot. Tidsskr. XXXIV. p. 1—44. 5 T. Danish and english.)

Stephani, F. 1914. Hepaticae von Neu-Caledonien. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N° 3. Wiesbaden, C. W. Kreidel. 1914.)

Thériot, I. 1914. Musci de la Nouvelle-Calédonie et des Iles Loyalty. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N° 4. Wiesbaden, C. W. Kreidel. 1914.)

XVII. Pteridophyten.

Cf. IV. Black, Sharp.

Bicknell, E. P. 1913. The ferns and flowering plants of Nantucket. XIV. (Bull. Torrey bot. Club. XLII. p. 27—47.)

- Bonaparte, Le Prince R. 1914.** Filicales de la Nouvelle-Calédonie et des Iles Loyalty. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N° 5. Wiesbaden, C. W. Kreidel. 1914.)
- Bonaparte, Le Prince R. 1914.** Lycopodiales de la Nouvelle-Calédonie et des Iles Loyalty. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. I. N° 6. Wiesbaden, C. W. Kreidel. 1914.)
- Bragg, L. M. 1914.** Preliminary list of the ferns of the coast region of South Carolina north of Charleston. (Amer. Fern Journ. IV. p. 83—93.)
- Campbell, D. H. 1914.** Notes on collecting ferns, with particular reference to certain Borneo ferns of considerable interest. (Sarawak Mus. Journ. II. p. 73—78.)
- Christensen, C. 1914.** Some new American species of Dryopteris. (Amer. Fern Journ. IV. p. 77—83.)
- Hieronymus, G. 1914.** Selaginellaceae von Neu-Caledonien. (F. Sarasin und J. Roux, Nova-Caledonia. Bot. Vol. I. L. 1. N° 8 (Wiesbaden, C. W. Kreidel. 1914.)
- Jossa, Mme M. 1914.** Le développement de l'appareil conducteur dans les rhizomes des Osmundacées et Gleicheniacées. (Univ. Genève Inst. bot. Sér. 8. Fasc. 12. 42 pp.)
- Pickett, F. L. 1914.** A peculiar form of *Pellaea atropurpurea* Link. (Amer. Fern Journ. IV. p. 97—101.)
- Pickett, F. L. 1914.** Some ecological adaptations of certain fern prothallia — *Camptosorus rhizophyllus*, *Asplenium platyneuron*. (Amer. Journ. Bot. I. p. 477—498. 2 pl.)
- Schinz, H. 1914.** Equisetales und Triuridaceae von Neu-Caledonien. (F. Sarasin und J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N° 7. Wiesbaden, C. W. Kreidel. 1914.)

XVIII. Floristik, Geographie und Systematik der Phanerogamen.

Cf. II. Hoar; VI. Halket; XVII. Bicknell.

- Andrasovszky, J. 1914.** Additamenta ad floram Galaticam et Lycaonicam. (Budapest, 1914. 8°. 106 pp. Magyarisch.)
- Aulin, F. R. 1914.** Anteckningar till Sveriges adventivflora. [Aufzeichnungen zur Adventivflora Schwedens]. (Svensk. bot. Tidskr. VIII. p. 357—377.)
- Bächler, E. 1914.** Die Chile-Tanne (*Araucaria imbricata* Pav.) auf dem Gute „Weinberg“, Gemeinde St. Margrethen (553 m. ü. M.), nebst allgemeinen Bemerkungen über diese Konifere und ihre Heimat. (Jahrb. St. Gallisch. natw. Ges. LIII. p. 1—71. 4 T. 1 F.)
- Bartlett, G. 1914.** The native and cultivated Vicieae and Phaseoleae of Ohio. (Ohio Nat. XV. p. 393—404.)
- Bennett, A. 1914.** The Potamogetons of the Philippine Islands. (Philippine Journ. Sc. IX. p. 339—344.)
- Blake, S. F. 1915.** Two Verbesinas. (Journ. of Bot. LIII. p. 56—58.)
- Blake, S. F. 1915.** Zexmenia costaricensis Benth. (Journ. of Bot. LIII. p. 13—14.)
- Briquet, J. 1913/14.** Decades plantarum novarum vel minus cognitarum. (Annuaire Conserv. et Jard. bot. Genève. XVII. p. 326—403.)
- Burnham, St. H. and R. A. Latham. 1914.** The flora of the town of Southold, Long Island, and Gardiner's Island. (Torreya. XIV. p. 229—254.)
- Cambage, R. H. 1914.** The mountains of eastern Australia and their effect on the native vegetation. (Journ. and Proc. r. Soc. N. S. Wales. XLVIII. p. 267—280. 1 pl.)

- Cannon, W. A.** 1914. Specialization in vegetation and in environment in California. (Plant World. XVII. p. 223—237. 3 f.)
- Carleton, M. A.** 1914. Adaptation of the tomarisk for dry lands. (Science N. S. XXXIX. p. 692—694.)
- Cockerell, T. D. A.** 1915. Characters of *Helianthus*. (Torreya. XV. p. 11—16.)
- Couch, E. B.** 1914. Notes on the ecology of sand dune plants. (Plant World. XVII. p. 204—208. 4 f.)
- Dachnowski, A.** 1914. The International Phytogeographic Excursion of 1913, and its significance to ecology in America. (Journ. of Ecol. II. p. 237—245.)
- Dahlberg, R. C.** 1914. Identification of the seeds of species of *Agropyron*. (Journ. agr. Res. Washington. III. p. 275—281. 3 f. 4 pl.)
- Degen, A.** 1914. Bemerkungen über einige orientalische Pflanzenarten. (Mag. bot. Lap. XIII. p. 176—183. 1 T.)
- Dörfler, J.** 1914. Bericht über die botanische Forschungsreise in Nord-albanien im Jahre 1914. (Anz. ksl. Ak. Wiss. Wien. 29 Okt. 1914.)
- Farwell, O. A.** 1914. The correct name for the hemlock spruce. (Bull. Torrey bot. Club. XLI. p. 621—629.)
- Favre, J.** 1914. Observations sur les rapports entre la flore du salève et la géologie de cette montagne. (Mém. Soc. physique et Hist. nat. Genève. XXXVIII. p. 169—198.)
- Forest, H. de** 1914. Recent ecological investigations. (Proc. Soc. amer. Foresters. IX. p. 161—176.)
- Gardner, G. B.** 1914. The Nantucket Flora. (Chapter XIII. p. 245—268 in Nantucket. A History by R. A. Douglas-Lithgow, New York. 1914.) [A short sketch is given of the botanic history of Nantucket, followed by an account of the flora and vegetation. A complete list of the flowering plants known to occur on the island is given.—Harshberger.]
- Gates, R. R.** 1914. Texan species of *Megapterium*. (Ann. Missouri bot. Gard. I. p. 401—404. 1 pl.)
- Gates, R. R.** 1914. Some *Oenotheras* from Cheshire and Lancashire. (Ann. Missouri bot. Gard. I. p. 383—400. 3 pl.)
- Greenman, J. M. and C. H. Thompson.** 1914. Diagnoses of flowering plants, chiefly from the southwestern United States and Mexico. (Ann. Missouri bot. Gard. I. p. 405—418. 3 pl.)
- Hackel, E. und H. Schinz.** 1914. Gramineae von Neu-Caledonien und den Loyalty-Inseln. (F. Sarasin & J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. No. 9. Wiesbaden, C. W. Kreidels. 1914.)
- Hall, H. M.** 1914. Baeria. (North American Flora. XXXIV. p. 76—80.)
- Hall, H. M.** 1914. Lasthenia [in part] (North American Flora. XXXIV. p. 80.)
- Handel-Mazzetti, H. von** 1914. Beiträge zur Kenntnis der orientalischen Flora. (Verh. k. k. zool.-bot. Ges. Wien. LXIV. p. 309—320.)
- Harper, R. M.** 1914. Geography and vegetation of northern Florida. Annual Rep. Florida State geol. Surv. VI. p. 163—437. 50 f.)
- Harshberger, J. W.** 1914. The vegetation of south Florida south of 27°30' north, exclusive of the Florida Keys. (Trans. Wagner Free Inst. Sc. Philadelphia. VII. p. 49—189.)
- Henning, E.** 1914. *Vicia sepium* L. var *triloba* nova var. [V. M.]. Svensk bot Tidskr. VIII. p. 455—456. 1 F.)
- Holmboe, J.** 1914. Studies on the vegetation of Cyprus based upon researches during the spring and summer 1905. (Bergens Mus. Skrift. N. R. I. p. 1—344. 144 ill. and maps.)
- House, H. D.** 1914. The sand dunes of Coos Bay, Oregon. (Plant World. XVII. p. 238—243. 2 f.)

- Jeppesen, J.** 1914. Botaniske notiser fra Faeroerne. (Bot. Tidsskr. XXXIII. p. 385—388.)
- Johansson, K.** 1914. Gotländska värdväxter för *Cuscuta epithymum* Murr. [Gotländische Nährpflanzen für *Cuscuta epithymum* Murr]. (Svensk bot. Tidskr. VIII. p. 379—382.)
- Keller, L.** 1914. Zwei Pflanzen aus Dalmatien. (Mag. bot. Lap. XIII. p. 218—220.)
- Kräzlin, F.** 1914. Orchidaceae von Neu-Caledonien und den Loyalty-Inseln. (F. Sarasin & J. Roux, Nova Caledonia. Bot. Vol. I. L. 1. N°. 10. Wiesbaden, C. W. Kreidel. 1914.)
- Lányi, B.** 1914. Csongrádmegye flórájának elomunkálatai. [Vorarbeiten zur Flora des Csongráder Comitatus]. (Magyar bot. Lap. XIII. p. 237—274. Magyarisch.) [Der Verf. entwirft uns ein Bild der flora des genannten Comitates, beruhend auf eigener forschung und auf den Angaben in der Literatur. Neue formen sind nicht notiert. Das Verzeichnis der Pflanzen ist ein recht reichhaltiges.— Matouschek (Wien).]
- Lengyel, G.** 1914. Ein botanischer Ansflug in das Bátorliget bei Nyírbátor, Komitat Szabolcs. (Mag. bot. Lap. XIII. p. 220—231.)
- Lunell, J.** 1914. New plants from North Dakota. XI. (Amer. Midland Nat. III. p. 141—147.)
- Makino, T.** 1914. Observations on the flora of Japan. [cont.] (Bot. Mag. Tokyo. XXVIII. p. 335—339.)
- Mansfield, W.** 1914. Poison ivy. (Journ. New York bot. Gard. XV. p. 176—180. 4 pl.)
- Maza, M. G. de la** 1914. De terminacion de plantas Cubanas. I. (Rev. Fac. Let. Cienc. Habana. XIX. p. 225—234.)
- Merrill, E. D.** 1914. New or noteworthy Philippine plants. X. [concl.] (Philippine Journ. Sc. IX. C. p. 293—337.)
- Merrill, E. D.** 1914. Plantae Wenzelianae. II. (Philippine Journ. Sc. IX. p. 353—389.)
- Nakai, T.** 1914. Plantae novae Japonicae et Koreanae. III. (Bot. Mag. Tokyo. XXVIII. p. 326—334.)
- Nieuwland, J. A.** 1914. Critical notes on new and old genera of plants. I. (Amer. Midland Nat. III. p. 170—197.)
- Nieuwland, J. A.** 1913. New plants from various places. II. (Amer. Midland Nat. III. p. 198—200.)
- Nieuwland, J. A.** 1914. Notes on our local plants. IV. (Amer. Midland. Nat. III. p. 98—125.)
- Nieuwland, J. A.** 1914. Notes on our local plants. VI. (Amer. Midland. Nat. III. p. 274—283.)
- Nieuwland, J. A.** 1913. Notes on priority of plant names. (Amer. Midland. Nat. III. p. 150—158.)
- Nota, A.** 1914. Spredte bemerkninger om floraen i Nordre Trondhjems amt. (Kgl. norske Vidensk. Selsk. Skrift. 1913 [1914] p. 1—10.)
- Pammel, L. H. and C. Clark.** 1913. The relation of ecology to agriculture. (Proc. Soc. Prom. agr. Sc. 1913 p. 41—47.)
- Pegg, E. J.** 1914. An ecological study of some New Zealand sand-dune plants. (Trans. N. Zealand Inst. XLVI. p. 150—177. 7 f.)
- Perisho, E. C. and S. S. Visher.** 1912. The geography, geology and biology of South-Central South Dakota. (Bull. 5. State geol. and biol. Survey. 1912.)
- Petersen, O. G.** 1914. Forandring i vedbygning ved grenrejsning hos rødgran [*Picea excelsa*]. (Bot. Tidsskr. XXXIII. p. 354—361. 3 f.)
- Porsild, M. P.** 1914. The genus *Antennaria* in Greenland. (Ottawa Nat. XXVIII. p. 87—92.)

- Probst, R.** 1914. Die Adventiv- und Ruderalflora von Solothurn und Umgebung. (Mitt. natf. Ges. Solothurn. XVII. p. 1—59.)
- Quer, P. F.** 1914. Plantas de Larache. (Bol. r. Soc. española Hist. nat. XIV. p. 424—429.)
- Reiche, C.** 1914. La vegetación en los Alrededores de la capital de México. (Mexico, 1914. 147 pp. 27 f. 1 c.)
- Roberts, E. A.** 1914. The plant successions of the Holyoke range. (Bot. Gaz. LVIII. p. 432—444. 1 m.)
- Rogers, W. M.** 1915. Sussex Rubi. (Journ. of Bot. LIII. p. 49—56, 84—88.)
- Rydberg, P. A.** 1914. Baerianaee. North Amer. Flora. XXXIV. p. 51. [A characterization of the subtribe Baerianaee, with key to its three genera, follows the descriptions of earlier subtribes of this tribe of Carduaceae. — Trelease.]
- Rydberg, P. A.** 1914. Helenieae. (North Amer. Flora. XXXIV. p. 1—75.)
- Rydberg, P. A.** 1915. Phytogeographical notes on the Rocky Mountain region. IV. Forests of the subalpine and montane zones. (Bull. Torrey bot. Club. XLII. p. 11—25.)
- Saint-Yves, A.** 1913/14. Les Festuca de la section Eu-Festuca et leurs variations dans les Alpes maritimes. (Annuaire Conserv. et Jard. bot. Genève. XVII. p. 1—218. 23 f. 7 pl.)
- Schaffner, J. H.** 1915. A preliminary survey of plant distribution in Ohio. (Ohio Nat. XV. p. 409—418. 3 m.)
- Schaffner, J. H.** 1915. New and rare plants added to the Ohio list in 1914. (Ohio Nat. XV. p. 432.)
- Schinz, H. und A. Thellung.** 1914. Fortschritte der Floristik. Gefäß-pflanzen. (Ber. schweiz. bot. Ges. XXIII. p. 106—133.)
- Schulz, A.** 1914. Die Geschichte der phanerogamen Flora und Pflanzendecke Mitteldeutschlands vorzüglich des Saalbezirkes seit dem Ende der Pliozänzeit. I. Teil. (Halle a. S., L. Nebert. 1914. 8°. 202 pp. Preis 5 Mk.)
- Schulz, A.** 1914. Ueber mittelalterliche Getreidereste aus Deutschland. (Ber. deutsch. bot. Ges. XXXII. p. 633—638.)
- Seidelin, A.** 1914. Vegetationen i nogle Vandhuller i Nordvends-yssel. (Bot. Tidsskr. XXXIII. p. 372—378.)
- Selander, S.** 1914. Sydliga och sydostliga element i Stockholmstraktens flora. [Südliche und südöstliche Elemente in der Flora der Stockholmer-Gegend]. (Svensk bot. Tidskr. VIII. p. 315—356. 12 K.)
- Sharp, S. S.** 1915. Notes on the determination of Rocky mountain Conifers. (Terrey. XV. p. 1—8.)
- Shreve, F.** 1914. A montane rain forest. A contribution to the physiological plant geography of Jamaica. (Carnegie Inst. Washington Public. 1914. 199. 110 pp. 29 pl. 18 f.)
- Skärtman, J. A. O.** 1914. Om förekomsten af *Nymphaea alba* L. v. *rosea* C. Hn i Väster Götland. (Svensk. bot. Tidskr. VIII. p. 383—386.)
- Skottsberg, C.** 1914. De stora träden i Kalifornien. [Die Sequoia-Bäume in Kalifornien]. (Pop. natv. Revy. 1914. p. 107—113. 5 A.)
- Spegazzini, C.** 1914. Notas y apuntes sobre plantas venenosas para los ganados. (An. Soc. cien. argentina. LXXVII. p. 159—164.)
- Stäger, R.** 1914. Beitrag zur „Höckerlandschaft“ in den Alpen. (Mitt. natf. Ges. Bern. 1913 [1914]. p. 206—212. 1 T.)
- Stäger, R.** 1914. Einige Beobachtungen an Polsterpflanzen. (Mitt. natf. Ges. Bern. 1913 [1914]. p. 197—205. 1 A.)

- Standley, P. C.** 1915. A new genus of Chenopodiaceae from Arizona. (Journ. Washington Ac. Sc. V. p. 57—59.)
- Standley, P. C.** 1915. Two plants new to the flora of Louisiana. (Torreya. XV. p. 9—11. 1 pl.)
- Stuckert, Th.** 1913/14. Beiträge zur Kenntnis der Flora Argentiniens. (Annaire Conserv. et Jard. bot. Genève. XVII. p. 219—234, 278—309.)
- Taylor, N.** 1915. Flora of the vicinity of New York. (Mem. New York bot. Garden. V. VI, 683 pp. with maps.)
- Urumov, Jv. K.** 1914. Hieracia nova Bulgarica additis Centaureis non-nullis novis, aliosque. (Mag. bot. Lap. XIII. p. 184—189. Lateinisch.)
- Vestal, A. G.** 1914. Prairie vegetation of a mountain-front area in Colorado. (Bot. Gaz. LVIII. p. 377—400. 9 f.)
- Viciosa, C.** 1915. Una visita à los montes de Bicorp (Valencia). (Bol. r. Soc. española Hist. nat. XV. p. 90—94.)
- Warming, E.** 1914. Aal præstesø vest for varde. (Bot. Tidsskr. XXXIII. p. 381—385.)
- Warming, E.** 1914. Om Bornholms plantevaekst. (Bot. Tidsskr. XXXIII. p. 281—353.)
- Watt, H. B.** 1914. Observations on some London trees. (Glasgow Nat. VI. p. 65—70.)
- Wernham, H. F.** 1915. Tropical american Rubiaceae. VI. [cont]. (Journ. of Bot. LIII. p. 15 to be cont.)
- Wigman Jr., H. J.** 1914. Cyprispidium. (Teysmannia. XXV. p. 605—615.)

XIX. Pflanzenchemie.

Cf. IV. Tunmann; VI. Bunzel; XI. Tunmann.

- Abderhalden, E.** 1915. Handbuch der biochemischen Arbeitsmethoden. Bd. VIII. (Berlin und Wien, Urban & Schwarzenberg. 1915. 8°. XIII. 684 pp. 298 F. Preis M. 30.)
- Amato, A.** 1915. Ueber die Lipide der Blastomyceten. (Cbl. Bakt. 2. XLII. p. 689—698.)
- Bourquelot, E., M. Bridel et A. Aubry.** 1915. Synthèse biochimique, à l'aide de l'émulsine, du monoglucoside β du glycol propylénique ordinaire. (C. R. Ac. Sc. Paris. CLX. p. 214—216.)
- Collins, S. H. and H. Blair.** 1915. The rate of liberation of hydrocyanic acid from commercial kinds of linseed. (Chem. News. III. p. 19—20.)
- Core, H. C.** 1914. Changes in composition of peel and pulp of ripening Bananas. (Journ. agr. Res. Washington. III. p. 187—203.)
- Curtius, Th. und H. Franzen.** 1914. Ueber die chemischen Bestandteile grüner Pflanzen. VII. Mitt. Ein Versuch zur Synthese des Blätter-aldehydes (α - β -Hexylenaldehyds). (Sitzber. heidelberg. Ak. Wiss. 1914. 22. 20 pp.)
- Decker, F.** 1914. Beiträge zur Kenntnis Crocetins. (Arch. der Pharm. CCLII. p. 139.)
- Gertz, O.** 1914. Nya iakttagelser öfver anthocyankroppar. [Neue Beobachtungen über Anthocyankörper]. (Svensk bot. Tidskr. VIII. p. 405—435. 20 A.)
- Grafe, V.** 1915. Untersuchungen über die Zichorei. (Biochem. Zschr. LXVIII. p. 1—22.)
- Herter, W.** 1914. Der mikroskopische Nachweis der Kartoffel im Roggenbrot. (Mit Tafel.) (Zschr. ges. getreidew. VI. p. 205—210.)
- Rossem, C. van** 1914. Het zetmeelgehalte van den inlandschen aardappel. (Med. agr. chem. Labor. Buitenzorg, 1914. 8. p. 1—9.) [Handelt über Ipomoea batatas L. var. trali.]
- Rüdiger, A.** 1914. Beiträge zur Kenntnis des Lokao-Farbstoffes. (Arch. der Pharm. CCLII. p. 165.)

- Tunmann, O.** 1914. Kleinere Beiträge zur Pflanzenmikrochemie. V. Ueber die Columba-Wurzel. (Pharm. Zentralhalle. LV. p. 775. ill.)
- Tunmann, O.** 1914. Ueber Radix Pimpinellae, insbesondere über das Pimpinellin. (Apoth. Ztg. XXIX. p. 728. 7 A.)
- Ziegenspeck, H.** 1914. Die chemische Zusammensetzung der Raphiden von *Scilla maritima*. (Ber. deutsch. bot. Ges. XXXII. p. 630—633. 1 A.).

XX. Angewandte Botanik (technische, pharmaceutische, landwirtschaftliche, gärtnerische) und Forstbotanik.

Cf. VI. Hasselbring; XIV. Linsbauer.

- Beuhne, F. R.** 1914. Bee-keeping in Victoria. XXVI. The honey flora of Victoria. [cont]. (Journ. Dep. Agr. Victoria. XII. p. 726—733. 6 ill. to be cont.)
- Browne, J. H.** 1914. The Redwood of California. (American Forestry XX. p. 795—802.) [A finely illustrated account of the height, size, value and methods of lumbering of the redwood, *Sequoia sempervirens*. — Harshberger.]
- Burns, W.** 1914. Opuntia elatior, Mill., the prickly pear of the Bombay presidency. (Agr. Journ. India. IX. p. 362—365. 2 pl.)
- Ciesiar, A.** 1914. Studien über die Alpen- und Sudetenlärche. (Cbl. ges. Forstw. Wien. XL. 16 pp.)
- Dalgas, Chr.** 1915. Forskeilige forstlige forsøg. (Heeleselskabets Tidsskr. 1915. p. 21—36. 13 F. Forts.)
- Deuss, J. J. B.** 1914. Het rubber-congres te Batavia. (Teysmannia. XXV. p. 616—645.)
- Dewey, L. H.** 1914. Hemp [Cannabis sativa L.]. (Yearb. Dep. Agr. Washington. 1913 [1914]. p. 283—346. 7 pl.)
- Dixon, R.** 1914. The human side of plants. (New York, 1914. XVIII, 201 pp. ill.)
- Dunlap, F.** 1914. Density of wood substance and porosity of wood. (Journ. agr. Res. Washington. II. p. 424—428.)
- Forest, H. de** 1914. The scope of dendrology in forest botany. (Forestry Quarterly. XII. p. 1—7.)
- Graves, H. S.** 1915. The place of forestry among natural sciences. (Journ. Washington. Ac. Sc. V. p. 41—57.)
- Harlan, H. V.** 1914. Some distinctions in our cultivated barleys with reference to their use in plant breeding. (Bull. U. S. Dep. Agr. 1914. 137. 38 pp. 16 f.)
- Harper, R. M.** 1914. The coniferous forests of eastern North America. (Pop. Sc. Monthly. 1914. p. 338—361.)
- Hedrick, U. P.** 1914. A comparison of tillage and sod mulch in an apple orchard. Second report for anchter orchard. (Bull. New York agr. Exp. Stat. Geneva N. Y. 1914. 383. p. 249—281. ill.)
- Hedrick, U. P.** 1914. New or noteworthy fruits. II. (Bull. New York agr. Exp. Stat. Geneva. N. Y. 1914. 385. p. 303—313. 4 col. pl.)
- Hedrick, U. P. and F. E. Gladwin.** 1914. A test of commercial fertilizers for grapes. (Bull. New York agr. Exp. Stat. Geneva, N. Y. 1914. 381. p. 201—230. 1 pl.)
- Johnson, C. W. and E. Hindman.** 1914. *Rhamnus Purshiana*, its history, growth, methods of collection and bibliography. (Amer. Journ. Pharm. LXXXVI. p. 387—413. 8 f.)
- Kraemer, H.** 1914. Applied and economic botany. (Philadelphia, 145 N. 10 St. Thc author. 1914. 8^o. VI, 806 pp. 424 pl.)
- Long, G. S.** 1914. The world's greatest woodlot. (Amer. Forestry. XX. p. 632—640. [A general description of the Pacific coast forests of North America is given with excellent photographs of

- the red-fir in Oregon, the western yellow-pine, the redwoods and a classification of the 100 most important trees of the world's greatest woodlot. — Harshberger.]
- Müller, J. 1913.** Industrial fiber plants of the Philippines. (Bull. Philippine Bur. Ed. 1913. 49. 157 pp. 43 pl.)
- Pearson, G. A. 1914.** The rôle of aspen in the reforestation of Mountain Burns in Arizona and New Mexico. (Plant World. XVII. p. 249—260.)
- Sampson, A. W. 1914.** Natural revegetation of range lands based upon growth requirements and life history of the revegetation. (Journ. agr. Res. Washington. III. p. 93—147. 12 pl.)
- Simon, J. 1914.** Neue Apparate zum Gebrauch bei Keimkraftprüfungen in der Samenkontrolle. (Landw. Versuchsstat. LXXI. p. 431—436. 1 A. 1 T.)
- Smith, W. G. und C. B. Crampton. 1914.** Grassland in Britain. (Journ. agr. Sc VI. p. 1—17. 4 f.)
- Sprecher, A. 1914.** Bijdrage tot de selectie van tabak. (Med. besoekisch Proefstat. 1914. 9. p. 1—32. tabellen.)
- Sprecher, A. 1914.** De proeftuinen voor tabak van het Besoekisch Proefstation in 1914. (Med. besoekisch Proefstat. 1914. 12. Lijsten, kaarten en tekst.)
- Sprecher, A. 1914.** Verslag van den botanicus over 1913. (Med. besoekisch Proefstat. 1914. 12. p. 1—26. 2 pl.)
- Surface, F. M. and C. W. Barber. 1914.** Studies on oat breeding. I. Variety tests. 1910—1913. (Annual Rep. Maine agr. Exp. Stat. 1914. p. 137—192. ill.)
- Tunmann, O. 1910/14.** Die Drogenhandel Hamburgs. (Apoth. Ztg. 1910. Nr 35, 46, 47, 50, 51, 52, 59, 60, 61, 74, 75. 1911. Nr 37, 38, 39, 55, 56. 1912. Nr 7, 8. 1914. Nr 8, 9, 10.)
- W[hit]e, O. 1913.** Some interesting varieties of corn growing in the garden. (Leaflets Brooklyn bot. Gard. Ser. I. N° 10. ill.)
- Worcester, D. C. 1915.** Philippine Forest Wealth. (Amer. Forestry. XXI. p. 1—18.) [This finely illustrated article gives a sketch of the forest of the Philippine islands and of the more important trees used for matchwood, dye woods, cabinet woods, the lumbering operations are considered. — Harshberger.]
- Zehntner, L. 1914.** Le cacaoyer dans l'état de Bahia. (Berlin, R. Friedländer & Sohn 1914. 8°. XII, 156 pp. 48 pl. 1 t. Prix 12 Mk.)

XXI. Biographie, Necrologie.

- Dafert, F. W. 1914.** †Friedrich Strohmer. (Zschr. landw. Versuchsw. Oesterr. XVII. p. 669—670. 1 Portr.)
- Hayek, A. von 1914.** Dr. Eugen von Halász Ein Nachruf. (Verh. k. k. zool.-bot. Ges. Wien. LXIV. p. 333—348. 1 Portr.)
- J. M. C. 1914.** Philippe Edouard Leon van Tieghem. (Bot. Gaz. LVIII. p. 527—528. 1 portr.)

XXII. Bibliographie.

- Wycoff, E. 1915.** Bibliography relating to botany, exclusive of floras. Authors, C. (Bibliogr. Contr. Lloyd Libr. Cincinnati, Ohio. II. p. 273—341.)

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