

TL-2

TAXONOMIC LITERATURE

Supplement I: A - Ba

Regnum vegetabile, a series of publications for the use of plant taxonomists published under the auspices of the International Association for Plant Taxonomy, edited by Werner Greuter

Volume 125

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Frans A. Stafleu and Erik A. Mennega

Taxonomic literature

A selective guide to botanical publications and collections with dates, commentaries and types

Supplement I: A-Ba

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Introduction

In the Epilogue to TL-2, in the seventh volume, I did not explicitly mention the need for a Supplement. I did, however, point out the marked improvement in coverage in the later volumes as compared, in particular, to volume 1. When we started to write the first volume we had in mind to cover botanical authors from A to Z in three volumes altogether, but we ended up with seven. Users have long felt the need to bring the TL-2 coverage to a better balance by supplementing to the data relating to authors from A to G. It is this part of the author alphabet, corresponding to volume 1 of TL-2, that our Supplement essentially addresses.

When the idea of a Supplement took shape Richard Cowan was no longer available to assist me in the work. I was fortunate, however, to find a second author in Erik Mennega, of the Institute of Systematic Botany, University of Utrecht, and to start the work jointly with him. The institutional support we received, and the number of our correspondents, were less than when we wrote the seven basic volumes. Still, several libraries were open for us to harvest the data for the Supplement: Berlin, Brussels, Genève, Leiden, and of course Utrecht. In addition we received generous help from the Missouri Botanical Garden and the New York Botanical Garden. Thanks to them all, the data coverage we managed to achieve is very reasonable indeed.

We much appreciated the co-operation of Norbert Kilian at Berlin who transformed our handwritten text into copy ready for printing, and who also generated the indexes. Between the three of us, we hope to successfully complete this series of Supplements up to the letter G, although, with one author having reached and the other nearing his seventies, we cannot pledge.

Although the text of the Supplement has been generated by a laser printer, it emulates reasonably well that of the main volumes (produced by phototypesetting), not only in the way in which the information is organized and presented but also in layout and type. Walter Berendsohn, Berlin, has been most helpful in solving problems of font generation and computer-to-printer interface.

We are very glad to have the continued full support of the Botanischer Garten und Botanisches Museum Berlin-Dahlem and of the Institute of Systematic Botany, Utrecht. To these institutions and their staff, as well as to all the others who assisted us with encouragement and advice, we express our gratitude. Thanks are also due to the International Association for Plant Taxonomy for providing the necessary funding.

Utrecht, 14 May 1992

Frans A. Stafleu

Notice to the Reader

The information in this Supplement is organized and presented exactly as in the main volumes of TL-2, and as explained in the Introduction to Volume 1. For quick visual orientation, the reader may also refer to the commented blueprint sample pages that appear inside the cover boards of Volumes 1-7, not again reproduced here. A full, cumulated list of abbreviations used throughout TL-2 can be found in Volume 7 (pp. xxv-lvi).

The asterisk (*) denotes names of authors already treated in Volume 1 of TL-2. For such authors, information under the headings "Herbarium and Types", "Bibliography and Biography", as well as in the "Biofile" (see TL-2, Vol. 4: vii), is complete, while other data are complementary to those in the main volume.

Aario, Leo Eino (1906-x), Finnish botanist; originally Leo Eino Engman. (*Aario*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 1; BJI 1: 1; BL 2: 86, 91 (Engman), 92.

18.786. *Pflanzen-topographische und Paläogeographische Mooruntersuchungen in N-Satakunta ...* Helsinki 1932. Oct.

Publ.: 1932, p. [1]-179, *pl. 1-16* (phot.), Beilagen i-viii (maps, diagr., uncol.). *Copy*: U. – Issued as *Fennia* (Soc. geogr. fenn.) 55, 1932.

Aaronsohn, Aaron (1876/1877-1919), American agriculturist, later resident in Haifa as technical advisor of the United States Department of Agriculture. (*Aarons*).

HERBARIUM and TYPES: AAR, further material in B, G, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 1 (d. 15 Mai 1919); BJI 2: 1 (refs. to 3 reviews of his work); Hortus 3: 1187; IH 2: 25; KR p. 1; Tucker 1: 27.

BIOFILE: Aaronsohn, A., Bull. Soc. bot. France 60: 474-476, *pl. 11*. 1913 (“un immigrant californien en Palestine”).

Åkerman, E.A., Sv. Utsädesför. Tidskr. 29: 165-168. 1919 (on his activities in plant breeding). Coulter, J.M., Bot. Gaz. 68: 388-389. 1919 (obit., portr.).

Oppenheimer, H.R., Reliquiae Aaronsonianae, Bull. Soc. bot. Genève 22: 126-409. 15 Mar 1931 (introduction: biogr. and bibl. of A.); Florula transiordanica, Genève 1931 (Revision of plants collected and partially collected by Aaronsohn 1904-1908 in “Transjordan” and Wādi el’Araba).

Oulaham, R.V., New York Times 19 Mai 1919 (notice of his death on a flight from London to Paris, “the discoverer of wild wheat”).

COMPOSITE WORKS: (1) Numerous identifications in H.R. Oppenheimer (b. 1900). *Reliquiae Aaronsohnianae ... I. Florula transiordanica*, Genève 1931, see TL-2/7094. *Copies*: FAS, US.

POSTAGE STAMPS: Israel 13 Isr.£ (1979) yv. 749.

18.787. *Über die in Palästina und Syrien wildwachsend aufgefundenen Getreidearten ...* Separat-Abdruck aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ... 1909. Oct.

Publ.: 1909 (submitted 22 Feb 1906), cover (identif.), [485]-509. *Copy*: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 59: 485-509. 1909.

18.788. *Contribution à l’histoire des céréales. Le Blé, l’Orge et le Seigle à l’état sauvage ...* Extrait du Bulletin de la Société botanique de France ... 1909. Oct.

Publ.: Jun (sero) 1909, cover-t.p., p. [1]-23. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 56 (3-4): 196-203, 237-245, 251-258. Jun (sero) 1909.

18.789. *Agricultural and botanical explorations in Palestine ...* Washington 1910. Oct. (*Agr. bot. expl. Palestine*).

Publ.: 4 Aug 1910 (date on cover t.p.; ÖBZ Aug 1910; Nat. Nov. Oct. (1) 1910), cover-t.p., p. [1]-64, *pl. 1-9*. *Copies*: MO, NY, U. – Issued as Bull. U.S.D.A. Bureau Pl. Industry no. 180.

Aasen, Ivar Andreas (1813-1896), Norwegian botanist. (*Aasen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1:1; BL2: 441, 621; Jackson p. 11 [err. Copenhagen?]; Rehder 1:73.

ABBADO

BIOFILE: Djupedal, Reider, Blyttia 17(2): 61-66. 1959. ("Brev til Ivar Aasen on norske plantenamn").

18.790. *Norske plantenavne ...* (Saerkilt af Budstikken) [Christiania 1860]. Oct. Publ.: 1860. Copies: G, HH. – Reprinted from Budstikken 1860: 9-37. 1860. Ref: Djupedal, R., Blyttia 17(2): 61-66. 1959 (notes on his Norske plantenavne).

Abbado, Michele (fl. 1900-1915), Italian phytopathologist, Dr. sci. nat., assistant at the R. Scuola superiore d' Agricoltura, and professor of natural history at the Lyceum Beccacia, Milano. (*Abbado*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 645; Barnhart 1:2; IH 2: 25; Saccardo 2: 7.

BIOFILE: Ciferri, R., Taxon 1(8): 126. 1952 (col. at PAD).
Dörfler, I., Botaniker-Adressbuch ed. 3. 183. 1909.

18.791. *Monografia dei generi Allescherina e Cryptovalsa ...* Genova (Tipografia di Angelo Ciminago ...) 1902. Oct. Publ.: Jul-Aug 1902 (p.[3]: Jul 1902), cover-t.p., p. [1]-44. Copies: B, BR. – Reprinted and to be cited from Malpighia 16: 291-330. 1902.

* **Abbays, Henri [Robert] Nicollon des** (1898-1974), French lichenologist; studied at the Richelieu College, Luçon (Vendée), baccalaureat 1915; studied natural sciences at the Faculté catholique, Angers, on active service 1917-1920, wine-salesman 1924-1931, settled in Saint Briec 1926, actively collecting in Western France, moved to Rennes, Lic. Sci. nat. Univ. Rennes 1930, 1931 zoological assistant ib., from 1933 assistant in botany, Dr. Sci. 1934, laureat Institut de France 1940, lecturer in botany at Rennes 1943, full professor 1952, in charge of botany in the School of Medicine and Pharmacy 1938-1958, retired 1968; collected in French-Guinea and Ivory Coast 1948, 1951, 1954; id. Réunion, Mauritius 1956. (*Abbays*).

HERBARIUM and TYPES: REN (worldwide, mainly Lich.), other material at FH, IFAN, K, M (exsicc.), NTM, PC, US; for sets of exsiccatae see IH 2: 25. – Abbays left his herbarium and library to L. Massé, Rennes, deposited in REN.

Exsiccatae: (1) *Lichenes armoricani spectabilis exsiccati* fasc. 1-3 (nos. 1-60). 1929, 4 (61-80). 1930, 5 (81-100). 1932, 6 (101-120). 1936. – See IH 2: 25.

(2) *Lichenes gallici et nonnulli alii exsiccati* fasc. 1-2 (1-40). 1936, 3 (41-60). 1937. See IH 2: 25 and Rev. bryol. lichénol. 10: 117. 1937.

(3) *Lichenes madagascarienses et borbonici exsiccati* fasc. 1 (1-20). 1961, 2 (21-40). 1966. See IH 2: 25.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 264, pl. [29]; IH 2: 25; LS suppl. 1: 2; Roon p. 9; TL-2/1: 1.

BIOFILE: Anon., Rev. bryol. lichénol. 18(1-2): 85. 1949 (on trip to Africa).

Abbays, H. des, [Information from A.C. de Roon, in TL-2/files at NY].

Chadefaud, M., Bull. Soc. bot. France 122 (7-8): 339-342. 1974 (obit., portr., on his work as a lichenologist, work on Cladina).

Dupont, P., Bull. Soc. Sci. Ouest France 72(4): 1-4. 1974.

Grumman, V., Cat. lich. german., Stuttgart 1963, p. 59 (abbreviation of name proposed: "des Abb.").

Hansen, A., Bot. bibliogr. Azores 1970, p. 1 (2 titles).

Hertel, H., Mitt. Bot. Staatssamml. München 16: 339. 1980 (exsicc.).

Hertel, H. and A. Schreiber, Mitt. Bot. Staatssamml. München 26: 138. 1988 (coll. at M).

Hunt Library, Biogr. Dict. bot. portrait coll. 1. 1972.

- Laundon, J.R., *Lichenologist* 11(1): 6. 1979 (herb., abbr. des Abb.), 18: 301. 1982 (exsicc.).
 Lemoine, C., *Bull. Soc. Sci. Bretagne* 48: 151-152. 1974 (obit.).
 Letrouit-Galinou, M.A. and L. Massé, *Lichenologist* 8: 183-188. 1976 (obit., bibl., portr., b. 15 Jul 1898, Vihiers (Maine et Loire), d. 21 Mai 1974 (Rennes)).
 Massé, L., *Rev. bryol. lichénol.* 42(2): 739-746. 1976 (obit., portr., bibl., exsicc.); *Int. Lichenol. Newsletter* 11(2): 8. 1978 (on herb. and library, left to Massé at REN).
 Massé, L. and I. Brodo, *Int. Lichenol. Newsletter* 9(1): 11. 1976 (obit. not., portr.).
 Sayre, G., *Mem. New York Bot. Gard.* 19(1): 107-108. 1969 (on exsicc.).
 Sayre, G., C.E.B. Bonner and W.L. Culberson, *Bryologist* 67: 114. 1964 (abbr. proposed: "Abb.").

NOTE: (1) Outside our period *Traité de Lichénologie*, Paris (Lechevalier), *Encycl. Biol.* 41: i-x, 1-217. 1951.

(2) id., with others, *Botanique*, anatomies, cycles évolutifs, systématique, Paris 1963, 1.039 p.

(3) Editor, *Flore et végétation du massif armoricain*, 1. *Flore vasculaire* 1971, on p. xxiii-xxviii. 1972 (notes on botanists cited).

18.792. *Observations sur les Lichens marins et maritimes du Massif armoricain ...* Bull. Soc. Sci. Bretagne ... 1931 [1932]. Oct.

Publ.: 14 Apr 1932 (see *Rev. bryol. lichénol.* 5(4): 229. 1932), cover-t.p., p. [1]-9. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Sci. Bretagne* 8 (3-4): 46-54. 1931 (Actual date to be corrected to 14 Apr 1932, fide *Rev. bryol. lichénol.* 5(4): 229. 1932.).

18.793. *La végétation lichénique du Massif armoricain.* Étude chorologique et écologique ... Thèse, Paris 1934.

Publ.: 1934 (*Nat. Nov.* Oct 1934), cover-t.p., [1, 3, 5]-267, [268, ident.], [270, impr.], *pl. 1-22* (uncol. phot.), map (col.). *Copies*: G, L. – Published as *Bull. Soc. Sci. Nat. Ouest France* ser. 5. 3. Nantes 1934.

Ref.: H.A., *Rev. bryol. lichénol.* 7(3-4): 315-317. 1935 (review of thesis).

Mattick, F., *Bot. Jahrb.* 67 (Lit.): 54-55. 29 Feb 1936 (review of thesis).

18.794. *Contributions nouvelles à la connaissance des Lichens armoricains I-III.* 1935-1937. Oct.

1. 1935, *Rev. bryol. lichénol.* 8: 180-187. 1935.

2. 1936, cover-t.p., p. [1]-23, [24]. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Sci. Bretagne* 13(3-4): [122]-144. 1936.

3. 1937, p. [1]-11. *Copy*: G. – Id. 14(3-4): 154-164. 1937.

18.795. *Contributions sur la symbiose lichénique et ses différentes modalités ...* Extrait du Bulletin de la Société scientifique de Bretagne ... 1937. Oct.

Publ.: 1937, cover-t.p., p. [1]-7. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Sci. Bretagne* 14(3-4): 130-136. 1937.

18.796. *Some Cladoniae (Lichenes) of the British Dominions: S. Africa, the Antilles; with a dichotomous key to the species of the genus Cladina ...* Extracted from the Journal of Botany. ... 1938. Oct.

Publ.: Dec 1938, p. [346]-352. *Copy*: G. – Reprinted and to be cited from *J. Bot.* 76: 346-352. 1938.

18.797. *Révision monographique des Cladonia du sous-genre Cladina (Lichens) ...* Rennes (Imprimeries Oberthur) 1939. Oct. (*Rév. monogr. Cladonia*).

Publ.: 30 Nov 1939 (date on cover-t.p., introduction dated 30 Jun 1939), p. [i-iii], [1]-5, [1]-156, *pl. 1-2*. *Copies*: L, Stevenson, U; IDC 6172. – Issued as *Bull. Soc. Sci. Bretagne* 16 (fasc. hors sér. 2). 1939.

18.798. *De speciebus generis lichenum Cladoniae ex insulis Tristan da Cunha ...* [Oslo (published by Det Norske Videnskaps-Akademi i Oslo) 1940]. Oct.

Publ.: shortly after 10 Mai 1940 (date of printing on p. 6), p. [1]-6.

Copy: U. – Published as Results of the Norwegian scientific Expedition to Tristan da Cunha 1937-1938, no. 4. – Also incorporated in Results of the Norwegian Scientific Expedition to Tristan da Cunha 1937-1938, edited by Erling Christophersen ... Oslo (i Kommissjon hos Jacob Dybwad) 1946. vol. 1.

Abbe, Ernst Cleveland (1905-x), American botanist, B.S. Cornell Univ. 1928, M.S. ib. 1930, M.A. Harvard 1931; Dr. phil. Cornell (1933?) 1934; botanical assistant at Cornell 1927-1930, at Harvard Univ. 1931-1933, Natl. Res. council fellow in biology 1934-1935, from 1935 at Bot. Dept., University of Minnesota, 1959-1962 National Science Foundation fellow studying Fagaceae and Myricaceae in S.E. Asia. Collected in northern Labrador 1931, in N. Alberta and N.E. Brit. Columbia 1932, eastern Keewatin and Western Quebec 1939, [in New Guinea 1962, Sarawak 1964]. (*Abbe*).

HERBARIUM and TYPES: Until 1935 first set of specimens at GH, later collections at MIN. – Duplicates A, CAN, CU, DAO, E, GH, K, MIN, MT, NO, NY, PH (Quebec).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 2 (b. 21 Aug 1905, data directly from author); BL1: 137; IH 2: 25, 110, 737; SK 8: ix.

BIOFILE: Abbe, E.C., An informal history of the Department of Botany, University of Minnesota 1887-1950, Minnesota 1972, 13 p. [not published].

Boivin, B., in litt. to FAS 12 Sep 1979, info on Canadian collections.

Ewan, J. et al., Short hist. bot. U.S. 119. 1969.

18.799. *Botanical results of the Grenfell-Forbes northern Labrador expedition, 1931 ...* Reprinted from *Rhodora ...* 1936. Oct.

Publ.: Apr 1936 (in journal), p. [reprint-t.p.], [i], 102-164, *pl. 408-411*. *Copies*: MO, U, US. – Contr. Gray Herb. Harvard Univ. 111, 1936, reprinted and to be cited from *Rhodora* 38: 102-164. *pl. 408-411*. 1936.

* **Abbot, Charles** (1761-1817), British clergyman, botanist and lepidopterist, MA Oxford 1788, DD. ib. 1802, Vicar of Oakley Raynes 1798 and Goldington, Beds. 1803. (*C. Abbot*).

HERBARIUM and TYPES: LTN (earlier at Turvey Abbey, Beds.), other material at LINN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 2; BB p. 1; BL 2: 228, 621; BM 1: 1; Dawson p. 3-5 (letter to Banks); Desmond p. 1 (b. Blandford, Dorset 24 Mar 1761, d. Bedford 8 Sep 1817; further references); DNB 1: 3; GR p. 387; Henrey 3: no. 378; Jackson p. 248; Kew 1: 2; LS 648; PR no. 1, PR ed. 1: p.1; Rehder 1: 396; SO 763a, 1233; TL-2/1: 1; Tucker 1: 27.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. resources Brit. Isles 379. 1980 (references to manuscripts).

Dawson, W.R., Cat. mss. Linn. Soc. London, 1. Smith papers 7. 1934 (letters to J.E. Smith at LINN). Dony, J.G., Charles Abbot's *Flora selecta*, Bedford Naturalist 23: 27-29. 1969 (herb. in 5 vols. rd. 1968 in LTN), see also his *Fl. Hertfordshire* 12. 1967.

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 3. 1876.

Hawksworth, D.L. and M.R.D. Seaward, *Lichenology Brit. Isl.* 1568-1975. 13, 46, 197. 1933 (lichens at LINN).

Kent, D.H., *Brit. herbaria* 39. 1957 (4 vols. at LTN not localised by Kent; LINN).

Pryor, R.A., *J. Bot.* 19: 40-46, 67-75. 1881 (notes on herbarium then still at Turvey Abbey).

Sayre, G., *Bryologist* 80(3): 503. 1977 (coll. Bryoph.).

Smith, P., *Mem. Corr. J.E. Smith* 2: 84. 1832.

CORRESPONDENCE: letters at BM (NH), letters J.E. Smith at LINN; see for further information G.D.R. Bridson et al. 1980, p. 379 [index].

18.800. *Phylogeny of the Ericales ...* [Ex Trillia ... 1930]. Oct.

Publ.: 1930, p. [62-69; no page numbers, p. 69 is *pl. 6* in text]. *Copy*: B. – Reprinted and to be cited from *Trillia* 9: 62-69. 1930.

Abbott, Francis, Jr. (1834-1903), English born botanist and gardener, from ca. 1851 connected with the Botanical Gardens at Hobart, Tasmania (Australia), from 1859-1903 superintendent of the Gardens succeeding F.W. Newman. (*F. Abbott*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 4 (b. 18 Jun 1834, d. 22 Nov 1903); BB p. 1; CSP 9: 3; Desmond p. 1; HU portr. coll. 1; Jackson p. 453 (attributes *Cat. of Plants* 1865 to him); Rehder 1: 69.

BIOFILE: Anon., Abbott, Francis Jr. 1834-1903, unidentified curr. vitae and list of publications in TL-2/files.

Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 339. 1938 (superint. 1859-1903).

Maiden, J.H., Records of Tasmanian Botanists (Roy. Soc. Tasmania 1909), p. 2-3; Pap. Proc. R. Soc. Tasmania 1909: 10-11 (brief obit. b. 18 Jun 1834, Derby, England, d. 22 Nov 1903, Hobart).

Wilson, E.H., J. Arnold Arb. 3: 52-53. 1921.

NOTE: Jackson attributes the anonymous *Catalogue of plants ...* Royal Society's Gardens, Queen's Park, Hobart Town 1865, Oct. to him. This seems likely because Abbott was then superintendent.

* **Abel, Clarke** (1789-1826), British surgeon and botanist, chief medical officer to Lord Amherst's mission in China 1816-1817, shipwrecked on his return in H.M.S. *Alceste*; with Lord Amherst in India 1823-1826. (*C. Abel*).

HERBARIUM and TYPES: see treatment TL-2/ 1: 1-2.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 1 (b. 1780?); Barnhart 1: 6 (b. 5 Sep 1789, d. 14 Nov 1826); BB p. 1; BM 1: 2; Bradley 5(ind.): 2; Bret. p. 225-227; CSP 1: 4; Dawson p. 5; Desmond p. 1 (b. 1780, d. 14 Nov 1826 Cawnpore, India); DNB 1: 32-33 (by B.D. Jackson, b. 1780); Frank 3 (Anh.): 3; Hortus 3: 1187; IH 2: 25; Kew 1:3; Lasègue p. 435, 503 (coll.); MW p. 1; PR 2; TL-2/1: 1-2; Tucker 1: 27; Zander ed. 10, p. 627; ed. 11, p. 712.

BIOFILE: Allan, M., *The Hookers of Kew* 72. 1967.

Anon., Monthly Rev. ser. 2. 88: 113-124. Feb 1819, 364-378. Apr 1819; Quarterly Rev., London 21(41): 67-91. Jan 1819 (review of Narrative, with extracts).

Carter, H.B., Sir Joseph Banks 504, 505. s.d.

Coats, A.N., Quest for plants, the Plant Hunters 94-95. 1969 (portr.).

Cox, E.H.M., Plant hunting in China 50-51. 1945.

Crawford, D.G., Hist. Indian Med. Service 1600-1913, 2: 146. 1914 (fide Desmond).

Dawson, W.R., The Banks letters 5. 1958.

Fisher, J., The origin of garden plants 225. 1982.

Jessen, K.F.W., Bot. Gegenw. Vorz. 469. 1864.

Lyte, C., Sir Joseph Banks 174, 175. 1980.

Mabberley, D.J., *Jupiter botanicus* 212-214, 226, 406. 1985.

Murray, G., Hist. coll. nat. hist. depts. Brit. Mus. 1: 129. 1904 (part of the Chinese collections; major part lost in shipwreck *Alceste*).

Abel, Lothar (fl. 1882), Austrian dendrologist. (*L. Abel*).

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 2; Rehder 5(index): 2; Tucker 1: 27.

18.801. *Die Baumpflanzungen in der Stadt und auf dem Lande; aestetische und volkswirthschaftliche Begründung der Dendrologie ...* Wien (G.P. Faesy) 1882. Oct. (*Baumpflanzungen*).

Publ.: Jan 1882 (*Bot. Zeit.* 24 Feb 1882; *Nat. Nov. Jun* (2) 1882), p. [i]-viii, [1]-138. *Copy*: BM (n.v.).

Note: published, with F. Antoine and J. Böhm, *Ergebniss der Expertise von 1880 über die städtische Baumpflanzungen in Wien*. Wien 1880 (*Bot. Zeit.* 28 Jan 1881).

Abel, Othenio (1875-1946), Austrian botanist, professor of palaeontology at the University of Vienna, visited the United States and Cuba in 1925, sometime editor of *Palaeobiologica*. (*O. Abel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 3: 843 (b. 20 Jun 1875, Wien); Barnhart 1: 6; DSB 1: 17-18 (by M. Baumgärtel); Ewan ed. 2: 1.

BIOFILE: Janchen, E., *Cat. Fl. Austr.* 1: 11, 21. 1956.

NOTE: Published *Bau und Geschichte der Erde*, Wien (F. Tompsky), Leipzig (G. Freytag) 1909. Oct., viii, 220 p., publ. Jan-Feb 1909. – Review A. Kneucker, *Allg. bot. Zeit.* 15: 42. 1909.

18.802. *Einige Monstrositäten bei Orchideenblüthen.* (Ophrys aranifera Huds. und Orchis coriophora L.) ... [Aus *Verh. k.k. zool.-bot. Ges. Wien* besonders abgedruckt ... 1897]. Oct. *Publ.*: Jul-Dec 1897 (read 29 Jun 1897), cover, p. [1]-6. *Copy*: G. – Reprinted and to be cited from *Verh. k.k. zool.-bot. Ges. Wien* 47: 415-420. 1897.

18.803. *Ueber einige Ophrydeen ...* (Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ...) 1898. Oct.

Publ.: 1898 (read 23 Apr 1898), p. [1]-7. *Copy*: WU. – Reprinted and to be cited from *Verh. k.k. zool.-bot. Ges. Wien* 48: 306-311. 1898.

Abele, Karlis (1896-?), Latvian botanist at the botanical institute of the University of Riga. (*Abele*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 6 (b. 1896).

18.804. *Entwicklungsgeschichtliche Untersuchungen über die Piperaceen – Peperomia Verschaffeltii Lem. und P. metallica L. Linden et Rodigas ...* Sonderabzug aus *Latvian Universitates Raksti Acta Universitatis Latviensis ...* 1923. Oct.

Publ.: 1923, p. [371]-398. *Copy*: B. – Reprinted and to be cited from *Acta Univ. Latv.* 8: 371-398. 1923.

Ref.: Krause, K., *Bot. Jahrb.* 59 (Lit.): 96. 1924 (rev.)

* **Abeleven, Theodorus Hendrik Arnoldus Jacobus** (1822-1904), Dutch botanist, pharmacist and highschool teacher at a highschool in Nijmegen, Netherlands 1865-1899, also botany teacher at the Nijmegen Gymnasium; secretary of the Nederlandsche Botanische Vereeniging 1867-1897. (*Abeleven*).

HERBARIUM and TYPES: L, NBV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 6 (b. 28 Dec 1822, Nijmegen; d. 21 Feb 1904); BL 2: 430; BM 1: 2, 2: 670; IH 2: 26 (coll. L, NBV); Jackson p. 47, 59, 480; JW 1: 438, 451 (portr. at NBV-L), 2: 183, 5: 232; LS 652; Rehder 1: 91, 5(index): 2; TL-2/1: 2, see also 10.216.

BIOFILE: Anon., Ned. kruidk. Arch. 55: 65. 1945 (portr.).

Baillon, H.E, Dict. bot. 1: 3. 1876.

Boerlage, J.G. and P.P.C. Hoek, Bibl. Fl. Fauna Ned. 1753-1886, in Alg. Aardrijksk. Bibl.

Nederland 2: 23, 24, 30, 31, 32, 35, 41 (facsimile ed. Amsterdam 1975), (bibl.).

Hiebendaal, C.A., Sempervirens 27 Feb 1904, p. 107-108 (obit., on A. as a horticulturist).

Holden, W., Bibl. Contr. Lloyd Libr. 3: 73. 1911.

Hunt Library, Biogr. Dict. bot. portr. coll. 2. 1972.

Koster, J.Th., Blumea 2(3): 233. 1936 (algae at L).

Morren, E., Corr. bot. ed. 10. 91. 1884 (secr. Bot. Soc. Neth., ed. Ned. kruidk. Arch.).

Nordstedt, C.F.O., Index Desmid. Bibl. 3. 1896 (2 titles on Desm.), suppl. 3. 1908 (1 title).

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Vuyck, L. and J.W.C. Goethart, Ned. kruidk. Arch. 14: 7-17. 1904 (obit., portr.).

Zuidema, in Nieuw Nederl. Biografisch Woordenboek 4: 6 (biogr. sketch., b. 28 Dec 1822, d. 21 Feb 1904, both at Nijmegen; married to Johanna Alphertina Wilhelmina Alpherts; herb. at NBV).

COMPOSITE WORKS: (1) *Nieuwe lijst der Nederlandsche blad- en levermossen*, in [Anon.], *Prodromus florae Batavae* ed. 2. 2(1), 1893.

(2) *Flora noviomagensis* 1848, with P.M.E. Gevers Deynoot, see TL-2/2008.

(3) Editor, *Nederlandsch kruidkundig Archief* ser 2. 1-6, 1871-1895.

PORTRAIT: in *Album Ned. bot. Ver.*, p. 14, 78, at L.

18.805. *Flora van Nijmegen ... 1e gedeelte Plantae vasculares. s.l.n.d.* [1888]. Oct. (*Fl. Nijmegen*).

Publ.: Mai-Dec 1888 (p. 2; Apr. 1888, is p. 252 in journal), cover, p. [1]-90. *Copy*: U. – Reprinted with independent pagination from Ned. kruidk. Arch. ser. 2. 5(2): 251-340. 1888.

Part 2 (Acotyl. foliosae): 1889 (in journal), cover, p. [1]-46. – *Id.* ser. 2. 5(3): 552-596. 1889. *Copy*: U.

Abendroth, Wilhelm Friedrich (1802-1863), German clinical physician, born at Pirna nr. Dresden (Sachsen), educated at a secondary school at Meissen; studied medicine at the University of Leipzig 1820-1825 with a stay in Vienna 1824-1825 specializing in clinical medicine, Dr. phil. Leipzig 1825. (*Abendroth*).

HERBARIUM and TYPES: Unknown.

NOTE: Abraham Augustin Abendroth (1727-1786) was one of contributors to Giseke, P.D. et al., *Icones plantarum adjectis nominibus Linnaeanis*, fasc. 1-4, 100 pl. Fol., Hamburg 1777.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 6; BM 1: 3; PR 4, ed. 1: 1 ("72" p.); Rehder 5(index): 2; Tucker 1: 27.

BIOFILE: Abendroth, W.F., [brief autobiogr. sketch in *De Coffea*] p. 9-12. (son of a pharmacist, studied at Meissen, Leipzig and Vienna, specialized as a clinical physician).

Baillon, H.E., Dict. bot. 1: 3. 1876.

18.806. *De coffea*. Dissertatio inauguralis quam in universitate literarum lipsiensi gratiosi medicorum ordinis auctoritate pro summis in medicina atque chirurgia honoribus rite capessendis illustris ictorum ordinis concessu in auditorio juridico die xxx m. septembris a.r.s. [1825] publice defendet auctor ... Lipsiae [Leipzig] (Literis Staritii Typogr. Univers.) [1825]. Qu. (*Coffea*).

Publ.: 30 Sep 1825 (date of promotion), p. [cover], [1, 3, 5], 6-42. *Copy*: U, other copies (n.v.) reported to be at BM, HH.

Abercrombie, John (1726-1806), English nurseryman, gardener at Kew ca. 1751, market-gardener at Hackney, nr. London 1770, nurseryman at Tottenham ca. 1775, gardener to the Duke of Leeds 1778. (*Abercr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 6 (b. 1726, Prestonpans, d. 2 Mai 1806, London); BB p. 1 (further ref.); BM 1: 3; Desmond p. 2 (b. 1726, Prestonpans, E. Lothian, d. 2 Mai 1806); DNB 1: 36-37 (by F. Espinasse); Dryander 3: 611, 612; Henrey 3: nos. 379-406, 1058-1087 (impt. source); HU 623 (further info. on author), 699, 700; Plesch 1, 121; PR ed. 1: nos. 8-17; Rehder 5(index): 2; Tucker 1: 27, 763.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 3. 1876.

Berg, E. de, *Add. Thes. Lit. bot. index* 2: 5. 1802.

Cardew, F.M.G., *J. Roy. Hort. Soc.* 72: 245-248. 1947 (biogr.).

Coats, A.M., *Garden History* 5(2): 24-26. 1977 (portr., biogr. sketch).

Fletcher, H.R., *Story Roy. Hort. Soc.* 1804-1968. 4. 1969.

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Hunt Library, *Biogr. Dict. bot. portr. coll.* 2. 1972.

Margadant, W.D., *Huntia* 2: 162-178. 1965 (on his "Pocket gardeners' calendar").

Stieber, M.T. et al., *Huntia* 4(1): 11. 1984 (letter).

18.807. *The garden mushroom*: its nature and cultivation. A treatise, exhibiting full and plain directions, for producing this desirable plant in perfection and plenty, according to the true successful practice of the London Gardeners ... London (printed for Lockyer Davis, in Holborn) 1779. Oct. (in 8-s). (*Garden mushroom*).

Publ.: 1779, p. [1]-54. *Copy*: L.

18.808. *The universal gardener* and botanist; or, a general dictionary of gardening and botany. Exhibiting in botanical arrangement, according to the Linnaean system, every tree, shrub, and herbaceous plant, that merit culture, either for use, ornament, or curiosity, in every department of gardening. Comprising accurate directions, according to real practice, for the management of the kitchen-garden ... forcing in general ... Describing the proper situations, exposures, soils, manures; and every material and utensil requisite in the different garden departments; together with practical directions for performing the various mechanical operations of gardening in general ... London (printed for G. Robinson, ... and T. Cadell, ...) 1778. Qu. (*Univ. Gardener*).

Co-author: Thomas Mawe.

Publ.: 1778, p. [i-vii], [sign. B-6Z], index p. [1-14]. *Copy*: G.

Ed. 2: 1797, unpagged, 11 plates. *Copy*: NY. – The second edition. Carefully revised, corrected, ... London (printed for G.G. and J. Robinson, ... and T. Cadell ...) 1797. Qu.

18.809. *A general system of trees and shrubs*. For all useful and ornamental plantations in gardens, pleasure-grounds, shrubberies, parks, paddocks, woods, groves, walks, avenues, clumps, thickets, hedges, hedgerows, arbours, orchards, fruit-tree plantations, and all other plantation districts, eligible for the improvement and embellishment of gardens, estates, etc. Forming a compleat general system of trees and shrubs, agreeable to the Linnaean system;

being arranged in their respective genera or families, under the generical or botanic family names, Latin and English ... London (Printed for C. Stalker, ...) s.d. [1780?]. Qu. (*Gen. syst. trees shrubs*).

Publ.: 1780[?], p. [1]-224. *Copy*: HH. See Henry 3, p. 3, no. 401 for the possible date.

Åberg, [Johan] Gerhard [Göran] (1868-1940), Swedish bryologist studied at the cathedral school at Lund 1887, med. lic. Lund 1900; provincial physician Sunne, Bergs distr. Jämtland 1914, Linnémedal Sv. Vet. Akad. 1934. (*Åberg*).

HERBARIUM and TYPES: UPS (bryo., 14.000 *Sphagnum*); further material (bryoph.) in H, S, UPS.

NOTE: For *Gunnar Åberg* (b. 1909), Finnish phanerogamist see Collander, R. et al., *Bibl. bot. fenn.* 1901-1950: 590-591. 1973 (*Acta Soc. Fauna Fl. Fenn.* 81); *A. Ewart Åberg* (b. 4 Dec 1909), a taxonomist active at the Institute of Plant Husbandry working on Cereal taxonomy and phylogeny.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 7; IH 2: 26; KR. p. 784 (b. 10 Nov 1868, Blommeröd, Skåne).

BIOFILE: Anon., *Bot. Not.* 34: 183 (Linné medal Sv. Vet. Akad.).

Sayre, G., *Bryologist* 80(3): 503. 1977 (location collections; b. 1868, correct).

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Tärnlund, C.A., *Sv. Bot. Tidskr.* 34: 59-64. 1940 (obit., portr.)

18.810. *Några Sphagnumfynd i Värmland.* Jämte en kort översikt rörande Sphagnas allmänna form bildningar ... Karlstad (Nya Wermlands-Tidningens A-B.). 1933. Oct. (*Några Sphagnumfynd Värml.*).

Publ.: 1933, cover-t.p., p. [1, t.p.]-31. *Copies*: B(2). – Issued as *Medd. Värmlands naturhistoriska För.* 4, 1933. – See also Åberg, *Sv. Bot. Tidskr.* 33(1): 94-97. 1939 (on criticism by Th. Arwidsson, *Sv. Bot. Tidskr.* 32: 215. 1938).

18.811. *Untersuchungen über die Sphagnum-Arten der Gruppe Subsecunda in Europa mit besonderer Berücksichtigung ihres Auftretens in Schweden ...* *Arkiv för Botanik ...* 1936. Oct. (*Unters. Sphagnum-Art.*).

Publ.: Feb-Mai 1937 (in journal 29A, fasc. 1, no. 1; however, printing finished 23 Jan 1937).

It is likely that the separate issue was distributed before 19 Oct 1937: *Nat. Nov.* mentions this as received Jun 1937 (sic), cover-t.p., p. [1]-77, *pl. 1-2* (phot.). *Copies*: B, U. – Issued as *Ark. Bot.* 29A(1), no. 1. 1937.

Ref.: P.A., *Rev. bryol. lichénol.* 10(1-3): 97. 15 Dec 1937 (review).

Aberle, Carl (x-1892) Austrian botanist, professor at the medical faculty of Salzburg, director of the botanical garden ib. 1863-1880, k.k. Regierungsrath; ultimately in Wien. (*Aberle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 3; Jackson p. 18; Quenstedt p. 1.

BIOFILE: Anon., *ÖBZ* 42: 188. 1892 (d. 16 Mar 1892 in Vienna).

Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 162. 1938 (dir. bot. gard. Salzburg 1863-1880).

Morren, E., *Corr. bot. ed.* 10. 30. 1889 (living in Vienna).

Sydow, P. and C. Mylius, *Bot.-Kalend.* 2: 137. 1887.

18.812. *Die Gefässpflanzen des k.k. botanischen Gartens in Salzburg.* I. Allgemeiner Theil enthaltend eine vergleichende Zusammenstellung der gebräuchlicheren Pflanzensysteme und eine statistische Uebersicht der Artenzahl und Verbreitung der Ordnungen (Familien) der

lebenden und fossilen Gefäßpflanzen ... Wien (Verlag von Friedrich Beck ...) 1876. Qu. (*Gefäßpfl. bot. Gart. Salzburg*).

1 (*Allg. Theil*): late 1876 or 1877 (preface dated Jul 1876; cover dated 1877), cover-t.p., p. [i(t.p.)-iii]-iv, [1]-131, [132, imprint], cover p. [iv, imprint]. *Copies*: B, MO, WU. – Issued as an “Anhang zu dem xvii. Bande der Mittheilungen der Gesellschaft für Salzburger Landeskunde”.

[2(1): 1877 (not seen; part of 1 (*Allg. Theil?*), mentioned by BM (NH) 1: 3, but possibly the issue with the *Mitt. Ges. Salz. Landesk. 17 (Anhang)*].

18.813. *Vergleichende Zusammenstellung der gebräuchlicheren Pflanzensysteme und statistische Uebersicht der Artenzahl und Verbreitung der Ordnungen (Familien) der lebenden und fossilen Gefäßpflanzen ...* Wien (Verlag von Friedrich Beck ...) 1877. Oct. (*Vergl. Zusammenst. Pfl.-Syst.*).

Publ.: 1877, p. [i]-iv, [1]-132, [133, err; 134 imprint]. *Copies*: B-S, M, MO, Wagenitz.

Abraham, Max (1860-?), German botanist, studied at Königsberg with Caspary, Ph.D. ib. 1885. (*Abraham*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 7; BFM no. 154.

BIOFILE: Szymkiewicz, D., *Bibl. Fl. Polsk.* 60. 1925.

18.814. *Bau und Entwicklungsgeschichte der Wandverdickungen* in den Samenoberhautzellen einiger Cruciferen zur Erlangung der Doctorwürde von der philosophischen Facultät der Albertus-Universität in Königsberg i. Pr. genehmigt und Donnerstag, den 17. December 1885, mtgs. 12 Uhr nebst den angeführten Thesen öffentlich vertheidigt von Max Abraham aus Elbing ... Berlin (Druck von G. Bernstein) 1885. Oct. (*Bau Entw. Gesch. Wandverdick.*).

Publ.: 17 Dec 1885 (date of thesis; *Nat. Nov. Nov.* (2) 1886 sic), p. [1-2, blank, 3]-45, [1, vita, 2 Thesen]. *Copy*: B-S. – Reprinted from *Pringsh. Jahrb.* 1885. (*Vita*: b. 22 Oct 1860).

18.815. Königliches Gymnasium zu Dt. Krone. Wissenschaftliche Beilage zum Programm Ostern 1905. *Beiträge zur Flora des Dt. Kroner Kreises ...* Deutsch-Krone (Druck von F. Garms) 1905. Oct. (*Beitr. Fl. Dt. Kroner-Kr.*).

Publ.: Mar-Apr 1905 (publ. Easter 1905), p. [i], [1]-64. *Copy*: B. – Deutsch Krone was a town in Pomerania (now Walcz in Poland).

* **Abrams, LeRoy** (1874-1956), American (Sheffield, Iowa) botanist, at the University of South California 1895, at Stanford University 1896, A.B. Stanford Jun 1899; acting professor of botany at the University of Idaho 1899-1900, graduate student and assistant with W.R. Russel at Stanford 1900-1902, MA. 1902, instructor in botany ib. 1902-1904; graduate fellow in botany Columbia University working at the New York Botanical Garden 1904-1905 with N.L. Britton, J.K. Small and P.A. Rydberg; assistant curator at the National Museum, Washington, D.C. 1905-1906; assistant professor of botany at Stanford 1906-1912, associate professor 1912, full professor 1920, head of the Department of Botany ib. 1933-1934, director of the Natural History Museum ib. 1934-1940, emeritus professor of biology ib. 1940-1956, continuing his work on the *Illustrated flora of the Pacific States*. (*Abrams*).

HERBARIUM and TYPES: DS (at CAS); duplicates A, BM, CGE, DS, E, F, GH, K, MIN, MO, MT, NMC, NY, P, PH, POM, RM, US, WTU; (Field notes at CAS (fide Stieber 1982)).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 8 (further refs.); BFM 1580; BL 1: 162, 166; BM 6: 2; Bossert p. 2; Ewan ed. 1: 147, 199, ed. 2: 1; Hirsch p. 1187 (abbr. “Abrams”); IF suppl. 4: 330; III 2: 26; Kew 1: 4; Langman p. 66; Lenley p. 1; NAF 28 B(2): 317 (by H.W. Rickett); TL-1: 1; TL-2/1: 2-3 (nos. 5-6), see also 12.186; Tucker 1: 28.

- BIOFILE: Anon., The Dudley Herbarium of Stanford University p. 1, 2, Mai 1972 (mimeogr. document in TL-2 files).
- Anon., *Torreya* 4(5): 77. 1904 (appointed fellow in botany in Columbia Univ.), 15(2): 40. 1915 (on descr. manual Pacific Coast trees); Nat. Nov. 27: 427. 1905 (app. asst. curator U.S. Natl. Mus., Washington, D.C.), 28: 889. 1906 (app. asst. prof. bot.); Northwest botanical manuscripts ... Washington State University, Pullmann Library 19. 1976.
- B[acigalupi], R.C. and H.L. M[ason], *Madroño* 12(8): [2 p.] unnumbered ahead of p. 225. 1954 (portr., tribute from the California Botanical Society: 80-th birthday; mentions schoolday friendship with Harvey Monroe Hall).
- Barnhart, J.H., *J. New York Bot. Gard.* 12: 117. 1911 (curr. vit.); *Torreya* 23(4): 69-71. 1923 (detailed review of Ill. fl. Pacific States vol. 1, see TL-2/6).
- Eastwood, A., *Torreya* 5(3): 45-47. 22 Mar 1905 (review of Fl. Los Angeles, see TL-2/5).
- Ewan, J. et al., *Short hist. bot. U.S.* 24, 101, 110, 118. 1969.
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- Knobloch, I.W., *Phytologia Mem.* 6: 1. 1983 (rep. to Mexican coll.).
- Lenz, L.W., *Aliso* 9(1): 35 (portr. in group at RSA), 55 (RSA Garden councillor), 68-69 (trip), 70 (in camp, portr.).
- McGregor, E.A., *Madroño* 18(4): 97-104. 1965 (collecting trip of 1908, mts. and Nojave Desert S. Calif.).
- Mears, J.A., *Proc. Acad. Nat. Sci. Philadelphia* 133: 143. 1981 (coll. in PH).
- Moldenke, H.N., *J. New York Bot. Gard.* 42(493): 23. 1941 (review of revised edition ("corrections") of Ill. fl. Pacific States vol. 1, 1940, see TL-2/6).
- Rickett, H.W., *Index Bull. Torrey bot. Club* 1. 1955.
- Stieber, M.T., *Huntia* 4(3): 152. 1982 (field notes now at CAS).
- Stieber, M.T. et al., *Huntia* 4(1): 11-12. 1981 (papers 1920-1954, list of correspondents).
- Thomas, J.H., *Contr. Dudley Herb.* 5(6): 147. 1961 (brief curr. vit., first collections ca. 1898, last 1940, mentions a tribute publ. by the Calif. Bot. Soc., Bacigalupi and Mason 1954 eponymy: *Cupressus abramsiana* Wolf, *Eriastrum abramsii* (Elmer) Mason); *Huntia* 3: 34, 36, 37. 1969 (expl. Wash., Ore., Calif.).
- Wiggins, I.L., *Taxon* 6(3): 61-63. 1957 (main biogr. account, b. 1 Oct 1874, d. 15 Aug 1956; our intr. paragraph is based on this account).
- Wilson, A., *J. Calif. Hort. Soc.* 17: 147-151. 1956 (obit., portrait in group, err. b. "1873"; reminiscences of a student ca. 1923).

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(2) *Uva-Ursi*, in J.W. Small, *Ericaceae*, N. Amer. Fl. 29(1): 31 Aug 1914.

18.816. *Studies on the flora of Southern California ...* New York (from the Bulletin of the Torrey botanical Club ...) 1905-1910. 3 parts. Oct.

1: 21 Oct 1905 (in journal), cover-t.p., p. [537]-541. – Reprinted and to be cited from Bull. Torrey bot. Club 32: 537-541. 1905.

2: 10 Jul 1907 (in journal), p. [263]-265. – Id. 34: 263-265. 1907.

3: 31 Mar 1910 (in journal), p. [149]-153. – Id. 37: 149-153. 1910.

Copy: B.

18.817. *Two new Southwestern species of Pentstemon ...* From the Bulletin of the Torrey botanical Club ... 1906. Oct.

Publ.: 30 Aug 1906 (in journal), p. 445-446. Copy: B. – Reprinted and to be cited from Bull. Torrey bot. Club 33: 445-446. 1906.

18.818. *A phytogeographic and taxonomic study of the Southern California trees and shrubs ...* 1910. Oct.

ABROMEIT

Publ.: 27 Sep 1910 (data of thesis issue still lacking; *Nat. Nov.* Apr (2) 1911), p. [i, iii], 300-485, *pl. A-J. Copies*: MO, NY. – Also published in *Bull. New York Bot. Gard.* 6(21): [i], [299]-485, 10 lvs. of plates. – Separately published with same pagination as Thesis (Ph.D.), Columbia University. 1910.

Ref.: Vaupel, F., *Bot. Jahrb.* 45 (Lit.): 61. 1911 (review).

* **Abromeit, Johannes** (1857-1946), German botanist at Königsberg i. Pr., born in Pascheitschen nr. Ragnit, East Prussia, studied at the Real-Gymnasium in Gumbinnen 1871-1876 and at a similar institution in Königsberg i. Pr. 1877-1879; studied natural sciences at the Albertus-Universität ib. 1879-1884 (natural sciences, philosophy, German literature); Dr. phil. ib. 1884 with Robert Caspary; state-examination for teacher of secondary schools 1886, assistant in botany at the Königsberg botanical institute from 1887, "Habilitation" 19 Mar 1900, private lecturer at the University 1900, extraordinary professor of botany (titular) 1911, pensioned off 1930; prime mover of the Preussische Botanische Verein, fled to Jena 1944. (*Abrom.*).

HERBARIUM and TYPES: B. – Some further material at A, M (herb. Freiberg), PH. – The original collections at Königsberg were destroyed by war action in 1945.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 454; Barnhart 1: 8; BFM 151, 155; BL 2: 155; BM 6: 2; Bossert p. 2; CSP 9: 8, 13: 17-18; IH 2: 26; Kew 1: 5; LS 655-656, 30431, 40035; Rehder 1: 309, 5(index): 2; TL-2, 1: 3-4, see also 10.238, 15.919, 18.364; Urban-Berl. p. 323; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Abromeit, J., *Geschichte des Preussischen Botanischen Vereins*, *Festschrift* 50.J. Bestehen des Preussischen [Bot.] Vereins Königsberg vii-xxviii. Königsberg 1912.

Anon., *Bot. Centralbl.* 82(14): 32. 1900 (habil. Univ. Königsberg i. Pr.), 116(13): 352. 1911 (app. professor of botany); *Bot. Zeit.* 58(9): 144. 1900 (habil. Königsberg, in botany); *Hedwigia Beibl.* 39(3): 112. 1900 (habil. Königsberg), 51(1): (88). 1911 (app. professor); *Allg. bot. Z.* 17: 64. 1911 (app. professor botany); *Bot. Monatschr.* 22(7): 112. 1911 (app. professor); *Nat. Nov.* 33: 190. 1911 (professor's title); *ÖBZ* 61: 119. 1911 (app. prof. bot. Königsberg), 86(2): 160. 1937 (80-th birthday 17 Feb 1937); *Stader Tageblatt [Stade, Hannover]* 26 Nov 1927 (brief evaluation).

Gross, H., *Ber. deut. bot. Ges.* 58a (Nachrufe) (3): 206-210. 1956 (obit., bibl., b. 17 Feb 1857, d. 19 Jan 1946; n.b. bibl. not complete).

Pax, F., *Bibl. Schles. Bot.* 1929. no. 2316.

Sydow, P. and C. Mylius, *Botaniker Kalender* 1886(2): 7, 1887: 102.

Wittrock, V.B., *Acta Horti Berg.* 3(3): 117, *pl. 131*. 1905 (portr.)

COMPOSITE WORKS: (1) Contributed to C. Bänitz, *Herbarium dendrologicum* Lief. 19, 20 u. Nachtrag V, Breslau 1905.

(2) *Dünenflora*, in P. Gerhardt, *Handb. deut. Dünenbaues*, Berlin 1900.

(3) *Die Pflanzenwelt Masurens*, in Alb. Zweck, *Masuren*, Saarland und das Pregelthal, Stuttgart (Verl. Hobbing & Büchle) 1900.

(4) O. Wünsche, *Die Pflanzen Deutschlands* ed. 9, Mai 1909, edited and revised by Abromeit, see TL-2/18.365. – Rev. by W. Wangerin, *Bot. Centralbl.* 113(10): 270. 8 Mar 1910. Revised also ed. 10(2). 1916, see e.g. *Allg. bot. Z.* 22: 88. 20 Dec 1916 and *Bot. Centralbl.* 134(21): 333-334. 22 Mai 1917.

NOTE on TL-2/7, *Fl. Ost- & Westpreussen* 1898[-1940]: *Copies*: B, G; IDC 8526. – Review by P. Grachner, *Bot. Jahrb.* 26, (Lit.): 97-98. 1899 (i. Hälfte); E.H.L. Krause, *Bot. Centralbl.* 79(27): 21-22. 21 Jun 1899.

18.819. *Über die Anatomie des Eichenholzes.* Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Albertus-Universität in Königsberg i. Pr.

genehmigt und Donnerstag, den 10. Juli 1884 um 12 Uhr nebst den angeführten Thesen öffentlich vertheidigt ... Berlin (Druck von G. Bernstein ...) [1884]. Oct. (*Anat. Eichenholz.*).
Publ.: 10 Jul 1884 (date of defense thesis; *Bot. Zeit.* 26 Sep 1884; *Nat. Nov.* Sep (1) 1884), p. [1]-77, [79-80, vita on p. 80], *pl.* 9-12 (uncol. liths., 9 by author). *Copies*: B, B-S, G. – Also published in *Pringsh. Jahrb.* 15: 209-291. *pl.* 9-12. 1884.

18.820. *Berichtigung des Sanio'schen Aufsatzes über die Zahlenverhältnisse der Flora Preussens ...* Schriften der phys.-ökon. Gesellschaft. Königsberg. 1884. Qu.

Publ.: 1884 (in journal), p. [135]-159. *Copy*: B. – Reprinted and to be cited from *Schr. phys.-ökon. Ges. Königsberg* 25(2): 135-159. 1884.

Commentary by H.E.M. v. Klinggraeff (see TL-2/2: 567-568): *Einige Berichtigungen zu der Berichtigung des Herrn Dr. J. Abromeit* (written 3 Sep 1885), *Schr. Naturf. Ges. ser. 2.* 6(3): 199-202. 1885, also reprinted (without identification) p. 199-202. 1885.

18.821. *Kurzer Überblick über die Vegetationsverhältnisse von Ostpreussen ...* [Königsberg i. Pr. (Hartungsche Buchdruckerei) 1910]. Oct. (format).

Publ.: 1910 (fide Gross 1956), p. [1]-33. *Copies*: B, WU.

18.822. *Botanische Ergebnisse der von der Gesellschaft für Erdkunde zu Berlin unter Leitung Dr. v. Drygalski's ausgesandten Grönlandexpedition nach Dr. Vanhöffen's Sammlungen bearbeitet. B. Samenpflanzen* (Phanerogamen) aus dem Umanaks- und Ritenbenks-Distrikt ... Stuttgart (Verlag von Erwin Nägele) 1899. Qu. (*Bot. Erg. Grönlandexp., Samenpfl.*).

Publ.: Sep-Oct 1899 (*Bot. Centralbl.* 1 Nov 1899, *ÖBZ* Oct. 1899, *Bot. Zeit.* 16 Dec 1899, *Nat. Nov.* Oct (2) 1899), p. [ii-iii, series t.p.'s], [1]-105, [106], *pl.* 2-5. *Copies*: B, BR, NY, U; IDC 9239. – Issued as *Bibl. Bot.* 8, Heft 42[2].

Note: The *Kryptogamen* were issued as *Bibl. Bot.* 8, Heft 42[1], p. [1]-75, *pl.* 1, by various authors, incl. J. Abromeit, *Gefässbündel-Kryptogamen* (Cryptogamas vasculares [Pteridophyta] on p. 69-75, *pl.* 1. *Copies*: BR, U; IDC 9239. – Independent reprint, p. [1]-7, in G and WU.

Ref.: Appel, O., *Bot. Centralbl.* 82(18): 152-153. 25 Apr 1900 (rev.).

Acerbi, Giuseppe (1773-1846), Italian traveller, naturalist and botanist at Castelfelfredo, visited Lapland 1798-1799, librarian and director of the Orto botanico di Brera, Milano 1817-1826; Austrian consul-general in Egypt 1826-1836, collecting in Sudan 1826-1835; founded the *Bibliotheca italiana*. (*Acerbi*).

HERBARIUM and TYPES: Egyptian collections in BASSA and G-DC (489).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 9 (b. 3 Mai 1773, d. 25 Aug 1846); BM 1: 8; IH 2: 26; Jackson p. 335; KR p. 1; Lasègue p. 346; PR ed. 1: nos. 19-21; Rehder 1: 352, 5(index); 4; Saccardo 1: 11, 178, 2: 7; TR p. 9 (no. 2); Tucker 1: 28.

BIOFILE: Anon., *Nouv. Biogr.-Gén.* 1: 169-170. 1852.

Blunt, W., *The complete naturalist* 61. 1971.

Bridson, G.D.R., *Nat. hist. manuscr. resources Brit. Isles* 224.40 (see p. 379). 1980.

Bring, *Itineraria svecana* 121-124. 1954.

Candolle, Alph. de, *Phytographie* 391. 1880 (coll. G-DC).

Cufodontis, G., *C.R. AETFAT* 4: 240. 1962 (coll. Sudan 1826-1835, 1845).

Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 274. 1938.

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 25-26. 1876.

Rose, H., *New gen. biogr. dict.* 1: 71. 1850 (n.v.).

18.823. *Travels through Sweden, Finland, and Lapland, to the North Cape, in the years 1798 and 1799 ...* London (printed for Joseph Mawman, ...) 1802. Qu. (*Trav. N. Cape*).

1: 1802, portr., p. [i]-xxiv, [1]-396, 1 map (uncol.), 7 *unnumb. pl.* (uncol. copper engr.). *Copy*: U. 2: 1802, p. [i]-viii, [1]-380, 8 *pl.* (id.), of Lapland botany: p. 257-263. *Copy*: U.

Dutch edition: 1804-1806. *Copy:* U. – *Reizen door Zweeden en Finland tot aan de uiterste grenzen van Lapland in de jaaren 1798 en 1799; ... Haarlem (François Bohn) 1804-1806.* Oct.

1: 1804, portr., p. [i]-xvi, [1]-296, map, 2 pl. (copp.).

2: 1805, p. [i]-x, [1]-256, 4 pl. (copp.), table.

3: 1806, p. [i]-viii, [1]-202, 3 pl. (copp.).

4: 1806, p. [i]-vi, [1]-227, [228], 1 pl. (copp.).

German ed.: 1803. *Copies:* NSUB, NY. – *Reise durch Schweden und Finnland, bis an die äussersten Gränzen von Lapland, in den Jahren 1798 und 1799 ... Aus dem Englischen übersetzt von Ch. Weyland. Nebst berichtigenden Bemerkungen eines sachkundigen Gelehrten ... Berlin (In der Vossischen Buchhandlung) 1803.* Oct.

Publ.: 1803, p. [iii]-iv, [1]-521, 2 pl., 1 map. *Copies:* NSUB, NY. – p. v: “Auch hat man geglaubt, alle trockenem Verzeichnisse von Mineralien, Insekten und Pflanzen ... weglassen zu dürfen.” (No dry lists of minerals, insects and plants).

French ed.: 1804. *Copy:* GB-UB. – *Voyage au cap-nord, par la Suède, la Finlande et la Laponie, ... traduction d’après l’originale anglais revue sous les yeux de l’auteur par Joseph Lavallier ... à Paris (chez Levrault, Schoell et Comp. ...) – 1804.* Oct.

Publ.: An iv: 23 Sep 1803 – 16 Aug 1804.

1: p. [i]-xliv, [1]-320.

2: p. [i*], [i]-xiv, [1]-429.

3: p. [i*], [i]-vi, [1]-382. – Botany on p. 172-186. – *Ref.:* Bring, *Itineraria svecana* 123. 1954 (Inf. B. Peterson).

* **Acharius, Erik** (1757-1819), Swedish lichenologist, born at Gävle, studied in Uppsala 1773-1776, Dr. phil. with Linnaeus 1776; Dr. med. Lund 1782, ultimately provincial medical officer and, from 1795, chief physician at the Vadstena hospital; member Swedish Academy of Sciences 1796; honorary professor’s title 1803, Vasa order 1809. (*Achar.*).

HERBARIUM and TYPES: Lichens and some algae at H (H-ACH), phan. and other crypt. at LD, some types in BM (set of duplicates originally given to LINN), – some further material at PH (through Muhlenberg) and B (through herb. Laurer, C (50 Lich.), K, M and UPS. – Note: I. Kukkonen (in lit. 9 Jun 1978) informed us that the Helsinki Acharius collections were bought by H from Billberg in 1834.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 94, 96, 312, 313; Barnhart 1: 9 (b. 10 Oct 1757, d. 14 Aug 1819); BM 1: 8; Bossert p. 2; CSP 1: 9-10; Dawson p. 7; Dryander 3: 160, 336, 343; DSB 1: 45-46 (G. Eriksson); DTS 1: 1; Frank 3(Anh.): 3; GR p. 469, pl. [2]; IF p. 675; IH 1 (ed. 6): 335, 2: 26; Kew 1: 5; KR p. 2-4 (main bibl.); Lasègue p. 27, 320, 324, 344, 359, 545; LS 657-678; Moebius p. 108, 110, 112; MW p. 1; NI 1; PR 8-11, ed. 1: 24-27; Rehder 5(index): 4; RS p. 71; TL-1: 1; TL-2/1: 4-5; other refs. 7247, 9153, see C.H. Persoon, A.J. Retzius, J. Smith, K.P.J. Sprengel; Tucker 1: 28.

BIOFILE: Almborn, O., *Bot. Not.* 133: 453, 454. 1980.

Anon., *Flora* 2(1): 252. 1819 (“... die Klage so vieler Botaniker über die vielen von Acharius auf unwesentliche Merkmale gegründeten Gattungen”), 2(2): 550. 1819 (d. 14 Aug 1819, Apoplexy, leaves a herbarium of 14.000 species (sic) will be sold); *Biogr. lexicon namnkunn svenska män* 1: 3-8. 1835; *Bot. Zeit.* 10: 742. 1852; *Int. lichenol. Newsletter* 11(2): [s.n.]. 1878 (drawing of Acharius; comm. 175-th anniv. Methodus); *Rev. bryol. lichénol.* 34(1-2): 377. 1966 (collection of A. at LINN sold to BM).

Baillon, H.E., *Dict. bot.* 1: 27. 1876 (not quite correct).

Berzelius, J.J., *Kongl. Sv. Vetenskaps Akad. Handl. ser. 2.* 7: 299-305. 1819, German transl. by A. von Krempelhuber, *Flora* 51: 101-107. 1868.

Bridson, G.D.R. et al., *Nat. hist. mss. resources Brit. Isl.* 379. 1980.

Candolle, A.P. de, *Mém. souvenirs* 141. 1862.

- Candolle, Alph. de, *Phytographie* 391. 1880 (herb.).
- Coemans, H.E.L.G., *Bull. Acad. Roy. Belg.* 34: 32-49. 1865.
- Collander, R., *Hist. bot. Finland* 24, 28, 33, 102. 1965.
- Darlington, W., *Reliq. Baldwin* 40, 43, 99. 1843.
- Eriksson, G., *Bot. hist. Sverige* 357[index]. 1969; DSB 1: 45-46. 1970.
- Ewan, J. et al., *Short hist. bot. U.S.* 89, 90. 1969.
- Fries, R.E., *Short hist. bot. Sweden* 52-53, frontisp. portr., 1950 (brief biogr. sketch).
- Fries, Th.M., *Bref skrifu. Linné* 1(5): 236. 1911.
- Galloway, D.J., in A. Wheeler and J.H. Price, eds., *History in the service of systematics* 119-127. 1981 (A. and the evolution of generic concepts in lichenology); *Bull. Brit. Mus. Nat. Hist. (Bot.)* 18(2): 149-194. 1988.
- Gilbert, P., *Compendium biogr. lit. deceased entomologists* 2. 1977.
- Grummann, V., *Cat. Lich. Germ.* 59. 1963 (223 species of lichens descr. by A., 168 infraspecific taxa).
- Gyelnik, V.K., *Ann. Hist.-nat. Mus. natl. Hung., Bot.* 31: 54. 1938 (on A. coll.).
- Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 339. 1980 (some lichens from A. in M via Nägeli, ex Schaerer).
- Högrel, B., *Bot. Hist.* 1: 223. 1886.
- Ilg, W., *Hoppea* 42: 264. 1984.
- Jessen, K.F.W., *Bot. Gegenw. Vorz.* 374. 1884.
- Koster, J.Th., *Taxon* 18: 549. 1969 (type collections of algae at H, sic.).
- Krempelhuber, A. von, *Gesch. Lit. Lichenologie* 1: 96-98, 112-114, 194-196. 1867, 2: 54-56, 61-69, 79-88. 1869 (on lichen systems).
- Le Turquier de Longchamp, J.A., *Concord. fig. crypt. Dillen* 1820 (contains a comparison of the figures of cryptogams of A. with figures of other cryptogamists, see TL-2/4455).
- Löwegren, Y., *Naturaliekabinett i Sverige* 233, 336. 1952 (on colls., further refs.).
- Lundmark, F., *Sv. Läkartidn.* 49(18): 1149-1173. 1952.
- Mägdefrau, K., *Gesch. Bot.* 169, 281. 1973.
- Mears, D.A., *Proc. Amer. philos. Soc.* 122(3): 169-170. 1978 (on A. material in H. Muhlenberg herb. at PH).
- Müller Arg., J., *Graphideae feecanae*, Genève 1887 (contains notes on Graphideae of A.).
- Nordenskjöld, E., *Hist. of biol.* 440. 1935.
- Prescott, G.W., *Bibl. Desmid. Univ.* 5. 1984 (cites *Echinella* Acharius (Desmid.) in *Beitr. Naturk.* 2: 340-342, *pl.* 4. 1810, (KR no. 16)).
- Roumeguère, C., *Bull. Soc. bot. France* 19: xxii-xlvii. 1872 (correspondence between A. and P.P. de Lapeyrouse).
- Scheutz, N.J.W., *Bot. Not.* 1863: 66.
- Sernander, R., *Sv. biogr. lexik.* 1: 38-40. 1918 (biogr., bibl.).
- Vitikainen, O., in E. Acharius, *Lichenogr. universalis*, reprint Richmond 1976, 6 p. (q.v. for a list of literature on A's herbarium and material).
- Wikström, J.E., *Conspectus* 3-8. 1831.
- Wit, H.C.D. de, *Ontwikkelingsgeschiedenis van de biologie* 2: 1006, 1016. 1989.
- Wittrock, V.B., *Acta Horti Berg.* 3(2): 26. 1903, 3(3): lxxvii, 1, *pl.* 37. 1905 (portr.).

CORRESPONDENCE: Uppsala; other letters at KVA, Stockholm.

COMPOSITE WORKS: (1) Acharius gave assistance for cryptogams to J.H. Wallman, the editor of *S. Liljebblad, Utkast Sv. Fl.* ed. 3. 1816, from 257 on, see TL-2/4528.

18.824. *Mémoire sur les lichens Calicoïdes*. Première partie. Description des genres *Limboria* et *Cyphelium* ... Caen (De l'imprimerie de T. Chalopin, ...) 1827. Oct. (*Mém. Calicoïdes*).
Publ.: 1827, p. [i, iii], [1]-54, *pl.* I (uncol. lith. Mautras). *Copy*: G. – French version of KR 22, *Styck* 1: *Beskrifning på tvenne nya Släkten: Limboria och Cyphelium*, K. Sv. Vet.-Akad. Handl. 1815: 246-271, *pl.* 6a.

ACHEPOHL

* **Achepohl, Ludwig** (x-1902), German palaeontologist, "Obereinfahrer" at Essen; worker on the carboniferous flora. (*Achepohl*).

COLLECTIONS: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 2, p. 231; Barnhart 1: 9; BM 1: 8; CSP 9: 9; NI 2; Quenstedt p. 2; TL-2: 5-6.

BIOFILE: Zittel, K.A. von, *Gesch. Geol. Paläont.* 512. 1899.

Note on TL-2/13, Das niederrheinisch-westfälische Steinkohlen-Gebirge, additional information on publication:

Lieferung 1: Dec 1880 (*Bot. Zeit.* 25 Feb 1881, *Bot. Centralbl.* early Feb 1881).

Lieferung 2: Feb 1881 (*Bot. Zeit.* 25 Feb 1881, *Bot. Centralbl.* early Feb 1881).

Lieferung 3: Mai 1881 (*Bot. Zeit.* 24 Jun 1881, *Bot. Centralbl.* Mai 1881).

Lieferung 4: Oct 1881 (*Bot. Zeit.* 28 Oct 1881, *Bot. Centralbl.* Oct 1881).

Lieferung 5: Feb 1882 (*Bot. Centralbl.* Mar 1882).

Lieferung 6: Jun 1882 (*Bot. Zeit.* 30 Jun 1882, *Bot. Centralbl.* Jun 1882).

Lieferung 7: Sep 1882 (*Bot. Zeit.* 27 Oct 1882, *Bot. Centralbl.* 25-29 Sep 1882).

Lieferung 8: Feb 1883 (*Bot. Zeit.* 31 Aug 1883, *Bot. Centralbl.* 12-16 Feb 1883).

Lieferung 9: Jul 1883 (*Bot. Zeit.* 31 Aug 1883, *Bot. Centralbl.* 16-20 Jul 1883).

Lieferung 10: Dec 1883 (*Bot. Centralbl.* 31 Dec 1883 – 4 Jan 1884).

Achner, Adolph (fl. 1904), Rumanian pharmacist, Dr. pharm. Zürich 1904. (*Achner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 9 (name only); Tucker 1: 28 (diss.).

18.825. *Beiträge zur Kenntnis der falschen Chinarinden*. Inaugural-Dissertation der Hohen philosophischen Fakultät der Universität Bern zur Erlangung der Doktorwürde ... Zürich (Buchdruckerei Jacques Bollmann) 1904. Oct. (*Beitr. Kenntn. falsch. Chinarind.*).

Publ.: 1904 (text accepted 19 Feb 1904), p. [1]-108, [109], 1 pl. (uncol.). *Copies*: B-S, G, NY.

Ackermann, Jacob Fidelis (1765-1815), German physician, Dr. phil. Mainz 1787, travelled in Germany and Italy 1787-1789, habil. Mainz 1789 as Privatdozent (private lecturer) in forensic medicine, subsequently full professor; president and professor at the Medical School, Mainz 1798, id. anatomy and surgery at Jena 1804, id. Heidelberg 1805-1815; taught botany at Heidelberg in 1812 as part of his medical curriculum. (*Ackermann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 36 (A. Hirsch; b. 23 Apr 1765, d. 28 Oct 1815); Barnhart 1: 10; BM 1: 8; PR 12, ed. 1: no. 29.

BIOFILE: Anon., *Flora* 4(1): 72. 1821 (taught botany at Heidelberg 1812).

Baillon, H.E., *Dict. bot.* 1: 32. 1876.

Schmid, Magn., *Neue Deutsche Biographie* 1: 37-38. 1953.

COMPOSITE WORKS: Edited J.C. Döltz, *Neue Versuche über einige Pflanzengifte*. 1792.

18.826. *Ueber die Natur des Gewächses*. Eine philosophische Einleitung in seine botanischen Vorlesungen... Mannheim und Heidelberg (bey Schwan und Götz) 1812. Qu. (*Natur Gewäch.*).

Publ.: 1812, p. [i], [1]-54. *Copies*: G, NY.

* **Acloque, Alexandre Noel Charles** (1871-1908), French botanist and ornithologist. (*Acloque*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 10; BL 2: 97, 190, 204; BM 1: 9, 6: 3; GR p. 265; Kew 1: 6; LS 681-684, 30434; TL-2/1: 6-7, see also 14.987; Tucker 1: 28.

BIOFILE: Dörfler, I., *Botaniker-Adressbuch* ed. 1, 49. 1896, ed. 3, 90. 1909.
Ronsil, *Bibl. Ornith. France* no. 12. 1948.
Sayre, G. et al., *Bryologist* 67: 114. 1964 (suggested abbreviation "Acl.").

NOTE (1) on TL-2/14, *Les Champignons* originally published Nov 1891, was re-issued "Paris 1902" fide *Bot. Zeit.* 26 Apr 1902.

NOTE (2) on TL-2/15, Acloque, *Les lichens* 1893, actually published before 9 Dec 1892 fide *Bull. Soc. bot. France* 39: 785. 1892, in report on session of 9 Dec 1892: a copy of the book had been received before or on 9 Dec 1892. The *ÖBZ* mentions the book as early as Oct 1892 in its lists of new literature. The preface is dated 2 Oct 1892.

NOTE (3) on TL-2/16, Acloque, *Flore de France* 1894; copy submitted to *Soc. bot. France* before or on 27 Apr 1894, hence clearly published Apr 1894. The *ÖBZ* (44: 226-227. 1 Jun 1894) lists the book as having been received in Apr 1894. Review by O. Drude in *Bot. Zeit.* 52(20): 315-316. 1894. The 1894 book was also re-issued with a new t.p. *Flore des environs de Paris*, our TL-2/18. q.v.; idem as *Flore de la région méditerranéenne de la France*, our TL-2/22, q.v. This was done with all regional floras of 1904. The *ÖBZ* (54: 151. 1904) – comments: "Verf. und Verleger treiben seit Monaten ein erheiterndes Spiel mit der botanischen Welt. Fast jeden Monat erscheint ein dickbändiges Werk über einen anderen Teil von Frankreich ... Diese Bücher sind durchwegs vollständig gleich bis auf das Titelblatt und ein recht dürftiges, das betreffende Gebiet behandelndes Verzeichnis, dass zwischen 48 und 49 eingeschoben wurde". – Reproduction of letter by L.E. Bureau to the publishers, also printed in the book itself, in *Bull. Soc. bot. France* 41 (Rev. bibl.): 233-234. 1894 with notes by Malinvaux. The review by Malinvaux in *Bull. Soc. bot. France* 50 (Rev. bibl.): 503-504. 1903 deals with the reissue of "1904" (sic) TL-2/19, with the somewhat misleading new t.p. *Flore du Nord de la France* (see also *J. Bot.* 41: 384. Nov 1903).

Acosta Solis, Misael (1910-x), Ecuadorian botanist, director of the Instituto botanico, Quito ca. 1938, professor of botany and pharmacognosy ib. (*Acosta Solis*).

HERBARIUM and TYPES: Q, duplicates F (8000), GH, MICH, US (370).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 10; IH 2: 26.

BIOFILE: Acosta Solis, M., *Bio-bibliografía*, Quito, Ecuador, s.d. [Mai 1941], 27 p., *Curriculum vitae* del Dr. Misael Acosta Solis, *Publicacion Miscelanea del I.E.C.N.*, Quito, Ecuador, Octubre 1967 (biogr. sketch, bibl., b. 10 Dec 1910); *Inst. Ecuat. Cienc. nat. Centr.* 65: 79-111, 127-129. 1968 (collecting trips and bot. collections by author in Q.; p. 75: author born 16 Dec 1910; portr., bibl.).

Frodin, D.G., *Guide standard floras world* 576. 1984.

Miller, R.B., *Taxon* 34: 178. 1985 (letters at Forest Products Lab., Madison, Wisc.).

Stieber, M.T. et al., *Huntia* 4(1): 12. 1981 (b. 1910, complimentary card in Hunt Institute archives).

18.827. *Galapagos* observado fitologicamente ... Quito-Ecuador (Imprenta de la Universidad Central) 1937. Oct. (*Galapagos*).

Publ.: 1937 (p. 78: Oct 1937), cover-t.p., [1]-78. *Copy*: U.

18.828. Medio auxiliares de la botanica. *Formacion del herbario ...* Quito, Ecuador (Imp. de la Universidad Central) 1938. Oct. (*Form. herbar.*).
Publ.: 1938, p. 19-24, pl. 1-5. *Copy*: FAS.

Adam, Jean (fl. 1910), French agronomical engineer, "chef de service de l'agriculture du Sénégal". (*J. Adam*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 30.435a; Tucker 1:29.

18.829. Gouvernement général de l'Afrique occidentale française. Les plantes oléifères de l'Afrique occidentale française. II. *Le Palmier à huile*. Habitat. Variétés. Conditions de végétation. Culture. Produits. Commerce. Conservation des palmeraies. Amélioration de la production. Considérations économiques ... Paris (Augustin Challamel, ...) 1910. Oct. (*Palm. huile*).
Publ.: Jan-Mar 1910 (ÖBZ 1 Apr 1910; NY rd. Aug-Sep 1910), p.[i-iii], [1]-274, 3 maps.
Copies: B-S, NY.

Adametz, R. Leopold (1861-?), Moravian (Brünn, Brno) bacteriologist and veterinarian, educated in Zeidler's, Lehr- und Erziehungsanstalt in Dresden (Saxony) 1870-1876; at the Wiedner Communal-Oberrealschule in Wien (Vienna) 1876-1881, studied at the Hochschule für Bodenkultur, Wien Jul 1881-Jul 1884, at the University of Leipzig 1884-1886, Ph. D. Leipzig 1886; later extraordinary professor of animal husbandry in Krakau, ordinary professor ib. 1891. (*Adametz*).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 232, 320; Barnhart 1: 12; BM 1: 9; LS 686-689, suppl. 1, no. 70.

BIOFILE: Anon., Bot. Centralbl. 48: 239. 1891 (app. Krakau).

18.830. *Untersuchungen über die niederen Pilze der Ackerkrume ...* Inaugural-Dissertation zur Erlangung der Doctorwürde der philosophischen Facultät der Universität Leipzig ... Leipzig (Druck von Bär & Hermann) 1886. Oct. (*Unters. Pilze Ackerkrume*).
Publ.: 1886 (Bot. Zeit. 31 Dec 1886, Nat. Nov. Dec (2) 1886), p. [1, t.p. 3], 4-78, [79-80], pl. 1-2 (p.p. col. liths.). *Copy*: U. – Has a "vita" of the author on p. [80], b. 12 Nov 1861, Brünn [Brno] in Moravia.

Adami, Ernst Daniel (1716-1795), German (born in Zduny (Posen/Poznan)) botanist and highschool teacher at Landeshutt (Lower Silesia), died in Pommerwitz (Silesia). (*Adami*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 12 (b. 19 Nov 1716, Zduny; d. 29 Jan 1795, Pommerwitz, Schlesien); Dryander 3: 379; PR 16.

18.831. *Freye Gedanken über das seltne und Betrachtungswürdige an einem zu Landeshutt 1755 gefällten Buchen-Baum mit welchen die physicalische Möglichkeit desselben aus sichren Gründen der Natur Wissenschaft darstellt ...* Breslau (bey Carl Gottfr. Meyer) 1756. Oct. (*Freye Ged. Buchen-Baum*).
Publ.: 1756 (p. [6]; preface signed 1 Jan 1756), frontispiece, p. [1]-77. *Copy*: B-S.

* **Adamovic, Lujo** (1864-1935), Dalmatian botanist, born at Dubrovnik (Ragusa); distributed Dalmatian plant material in 1889; in Serbia 1889, highschool teacher at Vranja 1890-1900, Dr. phil. Berlin 1898 with Engler. Director of the Botanical Garden and professor of botany in Belgrade 1901-1905, "Habilitation" Univ. Vienna 1906; "Privatdozent" 1906-1914; employed by the Austrian govt. to study the floristics of the Balcan peninsula from 1906 onward. In retirement living in Dubrovnik, Dalmatia. (*Adamovic*).

HERBARIUM and TYPES: *Plantae Balcanicae* Exs. coll. 1896-1910: B, BP, IBF, K, LAU, LE, M, W, WU. – Further material in many herbaria, major sets in B (only partly extant), W and WU; for further information see IH2: 27.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 588-589; Barnhart 1: 12 (b. 31 Jul 1864); BFM 1672-1673; BJI 2: 329; BL 2: 329, 330; Hortus 3: 1187; IH 2: 27; LS 30.487; PFC 2(2): xviii; Rehder 1: 450, 451, 5(index): 5; TL-2/1: 8; Tucker 1: 29; Urban-Berl. p. 324; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Adamovic, L., Vegetationsverhältnisse Balkanländer 9-14. 1909 (lists his botanical trips 1890-1908, list of publ. 1891-1909 (45 items)); Die Pflanzenwelt der Adrialänder 1929, p. 163-164 (list of 27 publications by author on the Adria area).

Anon., Allg. Bot. Z. 7: 144. 1901 (app. prof. Belgrade); Bot. Centralbl. 87(30): 160. 1901 (app. prof. Belgrade), 102(48): 592. 1906 (Habil. Univ. Wien); Bot. Jahrb. 31 (Beibl. 69): 39. 1902. (app. prof. Belgrade); Hedwigia (Beibl.) 40(5): 174. 1901 (app. prof. Belgrade), 45(1): 39. 1906 (travelled several months in Balcan peninsula), 76(2): 140. 1936; ÖBZ 51: 223. 1901 (app. prof. Belgrade), 84(4): 320. 1935 (d. 27 Jul 1935), 85(1): 80. 1936 (died actually 19 Jul 1935 in Dubrovnik ([Ital.: Ragusa], Dalmatia), (the date 19 Jul 1935 is probably correct); Nat. Nov. 27: 333. 1905 (resigned position as director of Bot. gard. Belgrado).

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(2) *Vegetationsbilder aus Bosnien und der Herzegowina*, in id. 8. Reihe, Heft 4, pl. 19-24A + 24B. Jena 1910.

(3) *Vegetationsbilder aus Dalmatien*, in id., 10. Reihe, Heft 7-8, pl. 37-48. Jena 1913.

(4) *Vegetationsbilder aus Mazedonien*, in id., 12. Reihe, Heft 7, pl. 37-42. Jena 1916.

18.832. *Die Vegetationsformationen Ostserbiens*. Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 6. Juni 1898 Vormittags 12 Uhr ... Leipzig (Wilhelm Engelmann) 1898. Oct. (*Veg.-Form. Ostserbiens*). Thesis issue: 6 Juni 1898 (date of defense thesis), p. [1]-44, [45, theses; 47 curr. vit.]. Copy:

G. – Partial preprint from journal issue (see below).

Journal issue: 27 Sep 1898 (in journal), cover-t.p., p. [i*-iii*], [i], [124]-218. Copies: B, G.

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Ref.: Kneucker, J.A., Allg. bot. Z. 5: 11-12. 15 Jan 1899 (review).

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18.833. *Neue Beiträge zur Flora von Serbien ...* Bot. Centralbl. 78, 1899.

Publ.: 25 Mai 1899 (Allg. bot. Z. 15 Sep 1899). – Bot. Centralbl. 78(23): 288-297. 1899. No reprint seen.

18.834. *Kritische floristische Bemerkungen zur Flora von Serbien ...* Separatabdruck aus "Allgemeine Botanische Zeitschrift ... Jahrg. 1898" [sic. i.e. 1899]. – Karlsruhe i. B. 1899. Oct.

Publ.: Mar-Aug 1899 (in journal), p. [1]-7. *Copy:* G. – Reprinted from Allg. bot. Z. 1899: 37-39. Mar, 54-55. Apr, 73-74. Mai, 113-114. Jul-Aug 1899.

18.835. *Die mediterranen Elemente der serbischen Flora.* Pflanzengeographische Studien ... Leipzig (Wilhelm Engelmann) 1899. Oct.

Publ.: 15 Sep 1899 (in journal), p. [i-iii], [351]-389. *Copy:* G. – Reprinted and to be cited from Bot. Jahrb. 27(3): 351-389. 1900 (i.e. 1899).

18.836. *Beiträge zur Flora von Macedonien und Altserbien ...* Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei) 1903. Qu. (*Beitr. Fl. Macedon.*).

Publ.: 1903 (date on cover preprint copy G), p. [i], [1]-36, 5 unnumbered pl. (uncol. liths. Swoboda). *Copy:* G. – Preprinted from Denkschr. k.k. Akad. Wiss., Math.-Naturw. Cl. 74: 115-150, pl. 1-5. 1904. – Sic, the plates in the preprint were not numbered. Later reprints are dated 1904 and have the plates numbered: *copies* in B, NY (also with pagination [i], [1]-36, pl. 1-5).

18.837. *Die Sandsteppen Serbiens ...* Leipzig (Wilhelm Engelmann) 1904. Oct.

Publ.: 15 Nov 1904 (in journal; Allg. Bot. Z. 15 Jul and Dec 1904; Nat. Nov. Apr(2) 1905), cover-t.p., p. [i-ii], [555]-617, pl. 1-5 (uncol. phot.). *Copy:* L. – Reprinted and to be cited from Bot. Jahrb. 33(4-5): 555-617, pl. 1-5. 1904. – The reprint has on the cover the identification "Arbeiten aus dem botanischen Institut zu Belgrad 5".

18.838. *Revisio Glumacearum serbicarum ...* Budapest (Pallas Részvénytársaság nyomdája) 1904. Oct.

Publ.: Mar-Mai 1904 (in journal), cover-t.p., p. [1]-30. *Copies:* G, L, WU. – Reprinted and to be cited from Magyar bot. Lapok 1904(3-5): 133-156.

18.839. *Neue Bürger der altserbischen und macedonischen Flora ...* Separatabdruck aus "Allgemeine Botanische Zeitschrift" ... 1905. Oct.

Publ.: Jan 1905 (in journal), p. [1]-3. *Copy:* WU. – Reprinted and to be cited from Allg. bot. Z. 11: 1-3. 1905.

18.840. *Plantae macedonicae novae ...* Separatabdruck aus der "Österreichischen botanischen Zeitschrift" ... 1905. Oct.

Publ.: Mai-Jun 1905 (in journal), p. [1]-7. *Copies:* G, WU. – Reprinted and to be cited from ÖBZ 55(5): 178-181. Mai, (6): 235-238. Jun 1905.

18.841. *Corydalis Wettsteinii.* Eine neue Corydalis-Art der Balkaninsel ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift" ... 1906. Oct.

Publ.: Mai-Jun 1906 (in journal), p. [1]-3. *Copy:* G. – Reprinted and to be cited from ÖBZ 56(5): 174-176. Mai-Jun 1906.

18.842. *Eine neue Helleborus-Art aus Serbien* (Egy új Helleborus-faj Szerbiából) ... Separatabdruck aus den Ungarischen botan. Blätter ... 1906. Oct.

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18.843. *Beitrag zur Kenntnis der pflanzengeographischen Stellung und Gliederung der Balkanhalbinsel ...* [Abdruck aus den Résultats scientifiques du Congrès international de Botanique Wien 1905 ... redigiert von J.P. Lhotsky ... Verlag von Gustav Fischer in Jena 1906]. Qu.

18.843. *Beitrag zur Kenntnis der pflanzengeographischen Stellung und Gliederung der Balkanhalbinsel ...* [Abdruck aus den Résultats scientifiques du Congrès international de Botanique Wien 1905 ... redigiert von J.P. Lotsy ... Verlag von Gustav Fischer in Jena 1906]. Qu.

Publ.: 1906, cover, p. [400]-415. *Copy*: G. – Reprinted and to be cited from J.P. Lotsy, ed., Rés. Sci. Congr. Int. Bot. Wien 400-415. 1906.

18.844. *Zur pflanzengeographischen Karte von Serbien ...* Abdruck aus Dr. A. Petermanns Geogr. Mitteilungen. 1906. Qu.

Publ.: Aug 1906, p. [1]-5, col. map. *Copy*: B. – Reprinted and to be cited from Petermanns Geogr. Mitt. 52(8): 169-173. 1906.

18.845. *Die pflanzengeographische Stellung und Gliederung der Balkanhalbinsel ...* Resultate einer im Sommer 1905 in den Balkanländern unternommenen Reise, die von der Kaiserliche Akademie der Wissenschaften aus der Treitel-Stiftung subventioniert wurde. (Wien, aus der Kaiserlich-Königlichen Hof- und Staatsdruckerei). 1907. Qu. (*Pflanzengeogr. Stell. Balkan.*).

Publ.: Aug 1907 (submitted 5 Jul 1906, Nat. Nov. Sep (1) (2) 1907; Allg. bot. Z. 15 Dec 1907), p. [1]-44. *Copies*: n.v. – Reprinted and to be cited from Denkschr. k.k. Akad. Wiss., Math.-Naturw. Kl. 80: 405-495, 3 folded maps (col.).

Ref.: Kneucker, A., Allg. bot. Z. 14: 44-45. 15 Mar 1908 (rev.).

18.846. *Die Rosskastanie im Balkan ...* Beiblatt zu den Botanischen Jahrbüchern ... 1908. Oct. (*Rosskast. Balkan.*).

Publ.: 24 Mar 1908 (date on p.1), p. [1]-9, pl. 1-2 (uncol. phot.). *Copy*: U. – Issued as Beibl. Bot. Jahrb. 41(3) no. 94. 1908.

18.847. *Die Vegetationsstufen der Balkanländer ...* Petermann's Mitteilungen ... 1908.

Publ.: Sep 1908, Petermanns Geogr. Mitt. 54(9): 195-203, 3 maps in 1. No reprint seen.

Ref.: Peter, A., Bot. Zeit. 67: 21-23. 16 Jan 1909 (rev.).

18.848. *Flora Serbiae austro-orientalis ...* Zagreb (Dionicke tiskare) 1908-1911. Oct. (*Fl. Serb. austr.-orient.*).

Publ.: 1908-1911 (in journal), p. [i], [1]-374. *Copy*: WU. – Reprinted and to be cited from Rad Jugosl. Akad. znanosti i umjetnosti no. 175 (Mat. 44): 153-216 [1-62]. 15 Nov 1908, 177 (id. 45): 193-240 [63-110]. 10 Jun 1909, 179 (id. 46): 125-176 [111-162]. 15 Jun 1910, 181 (id. 47): 325-336 [163-174]. 5 Aug 1910, 183 (id. 48): 83-176 [175-268]. 10 Jan 1911, 185 (id. 49): 194-242. [269-317]. 25 Jul 1911, 188 (id. 50): 84-140 [318-374]. 10 Nov 1911.

18.849. *Die Vegetationsverhältnisse der Balkanländer (Mösische Länder) umfassend Serbien, Altserbien, Bulgarien, Ostrumelien, Nordthrakien und Nordmazedonien ...* Leipzig (Verlag von Wilhelm Engelmann) 1909. Oct. (*Vegetationsverh. Balkanländer*).

Publ.: Jan 1909 (preface 15 Dec 1908; Nat. Nov. Jan 1909, ÖBZ rd. Oct-Nov 1909, Allg. bot. Z. 15 Jun 1910, Bot. Centralbl. 8 Feb 1910; Bot. Zeit. 1 Mar 1910), p. [i]-xvi, [1]-567, [568], 6 maps (col.), *photos i-xlix*. *Copies*: B, G, NY, U, US. – Issued as vol. 2 of A. Engler, *Veg. Erde*, see TL- 2/1712.

Facsimile ed.: 1976 [J. Cramer in der] A.R. Gantner Verlag K.-G., FL-9490 Vaduz (maps not coloured). *Copy*: FAS.

Note: The term “Mösische Länder” in the title refers to the Balkan Peninsula with the exception of S. and C. Greece: in the present configuration the center part of Yugoslavia, Bulgaria, European Turkey, northern Greece and Albania. The travelling of Adamovic was sponsored by the Kais. Akademie der Wissenschaften, Wien and the Naturhistorische Orientverein, Wien; the publication took place through A. Engler and the Kön. Preuss.

Akademie der Wissenschaften; the coloured maps were sponsored by Ferdinand I, King of Bulgaria.

Ref.: Anon., ÖBZ 60: 22-23. 1910 (rev.).

Gürke, M., Bot. Jahrb. 44 (Lit.): 57-59. 1910 (rev.).

Kneucker, A., Allg. bot. Z. 16: 9-10. 1910 (rev.: "grossartig, glänzend ausgestattet").

Neger, F.W., Bot. Centralbl. 117(29): 68-69. 18 Jul 1911 (rev.).

18.850. *Die Verbreitung der Holzgewächse in Bulgarien und Ostrumelien ...* Wien, 1909. Qu.

Publ.: Jul 1909 (submitted 2 Jul 1908, Nat. Nov. Aug (1) 1909), p. [1-2], [1]-15, map. Copies:

HH, U. – Reprinted and to be cited from Denkschr. k.k. Akad. Wiss., Math.-Naturw. Kl. 84: 625-639, map (col., folded). 1909.

18.851. *Die Pflanzenwelt Dalmatiens ...* Leipzig (Verlag von Dr. Werner Klinkhardt) 1911. Oct. (*Pfl.-Welt Dalmatiens*).

Publ.: 1911 (ÖBZ rd. Nov-Dec 1911, Nat. Nov. Nov (2) 1911, Bot. Centralbl. 16 Jan 1912), cover-t.p., p. [i-viii], [1]-137, [138-140, adv.], pl. 1-48 (uncol. phot.), 49-72 (uncol. lith. draw. with printed text on verso; all plates sometimes loose in a box). Copies: B, MO, NY, U.

Ref.: Engler, A., Bot. Jahrb. 48 (Lit.): 16. 27 Feb 1912.

18.852. *Die Verbreitung der Holzgewächse in den Dinarischen Ländern ...* Wien. (R. Lechner (with Müller) ...). 1913. Oct. (*Verbr. Holzgew. Dinarisch. Länd.*).

Publ.: Jun 1913 (in journal), p. [1]-61, pl. 1-3 (uncol. phot.), 1 map. (col.). Copy: U. – Issued as Abh. k.k. Geogr. Ges. Wien 10(3). 1913.

18.853. *Biljnogeografske formacije zimзеленog pojasa Dalmacije, Hercegovine i Crne Gore ...* U Zagrebu (Tisak Dionicke tiskare) 1911. Oct.

Publ.: 1911, cover-t.p., p. [i], [1]-54, photos 1-24 (uncol.). Copy: WU. – Reprinted from Rad Jugosl. Akad. znanosti i umjetnosti no. 188 (Mat. 50), p. 1-54. 1911.

18.854. *Biljnogeografske formacije zagorskih kajeva Dalmacije, Bosne, Hercegovine i Crne Gore. I. Dio. Vegetationske formacije nizina, brezuljaka i nizih brda ...* U Zagrebu (Tisak Dionicke tiskare) 1912. Oct.

Publ.: Aug-Sep 1912 (ÖBZ 1 Nov 1912), cover-t.p., p. [i], [1]-104. Copy: WU. – Reprinted from Rad Jugosl. Akad. znanosti i umjetnosti. no. 193 (Mat. 52), p. 1-104. 1912.

18.855. *Führer durch die Natur der nördlichen Adria mit besonderer Berücksichtigung von Abbazia ...* Wien und Leipzig (A. Hartleben's Verlag) 1915. Oct. (*Führer Natur Adria*).

Publ.: Dec 1914 (ÖBZ Dec 1914, sic; Allg. bot. Z. 15 Mar 1915, Bot. Centralbl. 23 Mar 1915, Bot. Jahrb. 3 Aug 1915), frontispieces pl. 1-2 (col. photos), p. [i-vii], [1]-198, pl. 3-30 (uncol. phot. and garden ground plan), p. 199-224 [adv.]. Copy: WU.

Ref.: Engler, A., Bot. Jahrb. 52 (Lit.): 63. 1915 (rev.).

Kneucker, A., Allg. Bot. Z. 20: 165-166. 1915 (rev.).

18.856. *Die Pflanzenwelt der Adrialänder umfassend Ostitalien, Istrien, die Quarnero-Inseln, das Kroatische Küstenland, Dalmatien, Südhercegovina, Südmontenegro und Albanien ...* Jena (Verlag von Gustav Fischer) 1929. Oct. (*Pfl.-Welt Adrialänd.*).

Publ.: Jan 1929 (preface Oct 1928; Nat. Nov. Feb 1929; J. NYBG rd. Aug 1929), cover-t.p., p. [i]-vi, [1]-202, 1 map. Copies: MO, U.

Ref.: Mattfeld, J., Bot. Jahrb. 63 (Lit.): 90-91. 1930 (rev.).

18.857. *Junk's Natur-Führer. Italien ...* Berlin W 15 (Verlag von W. Junk) 1930. Oct. (*Italien*).

Publ.: 1930 (p. xiii signed Dec 1929), p. [i]-xiii, 1-670, pl. 1-12 (uncol. maps in text). Copy: B.

18.858. *Die pflanzengeographische Stellung und Gliederung Italiens ...* Jena (Verlag von Gustav Fischer), 1933. Oct. (*Pfl.-geogr. Ital.*).

Publ.: 1933 (Nat. Nov. Mar 1933; Bot. Jahrb. 25 Jan 1934), p. [i]-xii, [1]-259, 1 fig. (map), 31 maps. *Copies*: MO, NY, U.

Ref.: Diels, L., Bot. Jahrb. 66 (Lit.): 9. 1934 (rev.).

Ginzberger, A., ÖBZ 82(4): 348-350. 1933 (rev.).

Adams, George Sr. (1720-1786), British optician and mathematical instrument maker. (*G. Adams, Sr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 13 (d. 5 Mar 1786); BB p. 2; BM 1: 10; Desmond p. 3 (d. 5 Mar 1786); DNB 1: 97; Jackson p. 219; PR 17, ed. 1: 39; Rehder 1: 36, 5(index): 5.

MANUSCRIPTS: Royal Society, London.

18.859. *Micrographia illustrata*, or the knowledge of the microscope explained: together with an account of a new invented universal, single or double, microscope, either of which is capable of being applied to an improved solar apparatus. This treatise contains a description of the nature, uses, and magnifying powers of microscopes in general; ... The whole being, as it were, a natural history of a multitude of aerial, terrestrial, and aquatic animals, seeds, plants, etc. ... London (Printed for, and sold by the author) 1746. Qu. (*Microgr. ill.*).

Ed. 1: 1746, *pl. 1* (frontisp.), [1]-16, [1]-263, *pl. 2-65*. *Copy*: NY.

Ed. 2: 1747, *pl. 1* (frontisp.), [1]-16, [1]-263, *pl. 2-65*. *Copy*: NY.

Ed. 3: unknown.

Ed. 4: 1771, [p. i*-xvi*], [i]-lix, [1]-325, [1]-14, *pl. 1-57, 57 (bis), 58-71, (pl. 1 bound as frontisp.)*. *Copy*: NY.

Adams, George Jr. (1750-1795), London optician and microscopist. (*G. Adams, Jr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 13 (d. 14 Aug 1795); BB p. 2; BM 1: 10; Jackson p. 219; PR 18.

18.860. *Essays of the microscope*; containing a practical description of the most improved microscopes; a general history of insects, their transformations, peculiar habits, and oeconomy: on account of the various species, and singular properties, of the Hydrae and Vorticellae: a description of three hundred and eighty-three animalcula: with ... London. 1787. Qu.

Ed. 1: 1787, p. i-xxiii, 1-724, 33 *pl.* (plates occur also in oblong folio). (n.v.)

Ed. 2: 1798 (p. [xx]: 1 Jan 1798), cover, p. [i], *allegoric pl.*, [iii]-xvii, [xviii-xxiv], [1]-724, *pl. 1-32* (uncol.). *Copy*: U. – Additions by Frederick Kanmacher.

Ed. 3: unknown.

Ed. 4: 1798.

* **Adams, [Adam], [Johann] Michael Friedrich** (1780-1829/1832), Russian botanist, zoologist, and collector, studied medicine in St. Petersburg 1795-1796, travelled with Count Mussin-Pushkin in Transcaucasia 1800-1805; later with Golowkin to China, travelled along the Lena 1806-1807, settled later in Moscow as adj. professor of botany at the medical academy. (*M.F. Adams*).

HERBARIUM and TYPES: LE; further material in B (260, used by Chamisso, p.p. in B-Willd.), H (herb. Steven, 400).

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 45 (by Jesse); AG 3: 459 (Adam), 6(1): 887 (Adams); Barnhart 1: 14 (as Adams); BM 1: 9 (Adam); Hortus 3: 1187; Lasègue p. 330, 415, 416, 421; PR 15 (“Adam”); Rehder 5(index): 5; TL-2/1: 8; TR 3-7; Tucker 1: 29; Urban-Berl. p. 324, 414; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersburg 4: 193. 1908.
Kukkonen, I., Herb. Christian Steven 25. 1971 (400 specimens at H).

18.861. *Decades quinque novarum specierum ...* [Kiel (in der neuen akademischen Buch-handlung) 1805]. Oct.

Publ.: 1805, p. 1-35. *Copies*: n.v. – Reprinted from F. Weber et D.M.H. Mohr, *Beitr.* 1: 41-75. 1805. – Published under the name J.M.F. Adam.

18.862. *Descriptiones plantarum minus cognitarum Sibiriae, praesertim orientales quas in itinere ann. 1805 et 1806 observavit ...* [Nouv. Mém. Soc. Nat. Moscou 1834]. Qu.

Publ.: 1834 (in journal), p. [231]-252, *pl.* 13-14. *Copy*: HH. – Reprinted and to be cited from Nouv. Mém. Soc. Nat. Moscou 3: 231-252. 1834. – For earlier text with same title see Mém. Soc. Nat. Moscou 5: 89-116. 1817.

Adams, John (1872-1950), Irish botanist at Dublin, M.A. Cantab. [Cambridge], lecturer in botany at Dublin municipal technical school, assistant professor of botany, R. Veterinarian College Dublin; Dominion (economic) Botanist of Canada at Ottawa 1914-1938. (*J. Adams*).

HERBARIUM and TYPES: DBN, CAN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 14 (b. 20 Jan 1872); BL 1: 133, 143, 145, 2: 279; Desmond p. 3 (b. 20 Jan 1872, d. 18 Mai 1950); LS 690-691, 30.438-30.444, suppl. 71-75.

BIOFILE: Hawksworth, D.L. and M.R.D. Seaward, Lichenology Brit. Isl. 29-30, 197. 1977.
Knowles, M.C., Proc. R. Irish Acad. 38 (B) (10): 188. 1929 (on his Distr. of Lichens in Ireland).

Mitchell, M.E., Bibl. Irish lichenol. nos. 2-4. 1971.

Praeger, R.L., Proc. R. Irish Acad. 7: cv. 1901.

NOTE: (1) Published *A census catalogue of Irish fungi*, Proc. R. Irish Acad. 28(B): 120-157. 1910.

(2) Published *A bibliography of Canadian plant geography to the end of the year 1920 [-35]*, Trans. R. Can. Inst. 16: 293-355. 1928, 17: 103-145. 1929, (for 1921-25): 267-295. 1930, 18 (for 1926-30): 343-373. 1932, 21 (for 1931-1935): 95-134. 1936.

18.863. *The distribution of lichens in Ireland ...* Dublin (Hodges, Figgis & Co., Ltd.), London (Williams and Norgate) 1909. Oct.

Publ.: 1909, cover-t.p., map, p. 193-234. *Copy*: L. – Reprinted and to be cited from Proc. R. Irish Acad. 27(B)10: 193-234. 1909.

18.864. *A students' illustrated Irish flora* being a guide to the indigenous seed-plants of Ireland ... Ashford (Kent) (L. Reeve & Co., Ltd. ...) 1931. Oct. (*Stud. ill. Irish fl.*).

Publ.: 1931 (preface dated (p. vi) Nov 1930; rev. Wilmott Aug 1931), p. [i]-viii, [1]-343.

Copies: G, NY, U. – Has 578 illustrations in text, mainly taken from W.H. Fitch, *Ill. Brit. fl.* 1880 see TL- 2/1978 and Butcher and Strudwick, *Further ill. Brit. pl.*

Ref.: Anon., Kew Bull. 1931 (9): 463. 24 Nov 1931 (rev.).

Wilmott, A.J., J. Bot. 69: 219-220. 1931 (rev.; see reply by Adams, J. Bot. 70: 58. 1932).

Adamski, Maximilien [Maximilianus Joseph Adalbertus Andreas Antonius] (1796-1841), Polish (Posen) botanist. (*Adamski*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 15 (b. 21 Nov 1796, d. 8 Feb 1841); Jackson p. 5; PR 19, ed. 1: 42; Rehder 1: 80, 5(index): 5; TR p. 5.

BIOFILE: Baillon, H.E., Dict. bot. 1: 45. 1876. (b. at Posen 28 Nov 1796).
 Bourdeille de Montrésor, Bull. Soc. Imp. Natural. Moscou ser. 2, 6: 324. 1893 (on his
 "Dissertatio").
 Johnson, D.E., *Huntia* 6(1): 14 (no. 2). 1985.

18.865. *Dissertatio inauguralis sistens prodromum historiae rei herbariae in Polonia a suis
 initis usque ad nostra tempora quam pro summis in medicina ac chirurgia honoribus rite
 capessendis ...* Bratislavae [Breslau/Wrocław] 1825. Oct. (*Prodr. hist. rei herb. Polon.*).
Publ.: 9 Dec 1825 (date of defense thesis), p. [1]-56. *Copies*: B-S, BM, LE (fide D.E. Johnson
 1985). A history of botany in Poland 1532-1825.

* **Adamson, Robert Stephen** (1885-1965), British botanist, educated Kelvinside Academy,
 Glasgow, studied at Univ. Edinburgh 1902-1907 (M.A. and D.Sc.), at Emmanuel College,
 Cambridge 1907-1912, M.A. Cant. 1912, lecturer at Manchester Univ. 1907-1923, second
 Harry Bolus Professor at Cape Town University 1923-1950, retired 1950 and settled again
 in Great Britain 1955. (*Adamson*).

HERBARIUM and TYPES: S. African material: BOL, CT, dupl. PRE, SAM, STE; British
 material: BM (6000), CGE, OXF; Australia: MANCH; Corsica: BM, BOL, CT, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 15; BJI 2: 2; BL 1: 28, 71, 2: 243, 271; Clokie
 p. 126; Desmond p. 4 (b. 2 Mar 1885, d. 6 Nov 1965, further refs.); Hortus 3: 1187; IH 2: 27;
 Roon p. 9; TL-2/see T.M. Salter (vol. 5).

BIOFILE: Anon., S. Afr. J. Sci. 61: 443. 1965 (obit.).
 Bullock, A.A., Bibl. S. Afr. bot. 2. 1978 (bibl. publ. on S. Afr. bot.).
 Frodin, D.G., Guide standard floras world 1984, no. 512.
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 Jessop, J.P. and E.G.M. Oliver, The South African Forum botanicum 3(12): 1-3. Dec 1965
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 Kent, D.H., Brit. herbaria 39. 1957 (coll.).
 Levyns, M.R., Insar'd with flowers 201. 1977 (many refs.).
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 Tyrel-Glynn, W. and M.R. Levyns, Flora africana 1963, no. 1.
 White, F., C.R. AETFAT 9: 188-189. 1962 (visited N. Rhodesia in 1932).

COMPOSITE WORKS: (1) Co-editor and principal contributor to *The Flora of the Cape Peninsula*
 (1950).

NOTE: Outside our period: *Flora of the Cape Peninsula*, Cape Town 1950, 889 p. Oct., with
 T.M. Salter.

18.866. *On the comparative anatomy of the leaves of certain species of Veronica ...* extracted
 from the Linnean Society's Journal-Botany, ... 1912. Oct.
Publ.: Jan 1912 (in journal), p. [247]-274. *Copy*: B. – Reprinted and to be cited from J. Linn.
 Soc., Bot. 40: 247-274. 1912.

18.867. *The herbarium of John Dalton ...* Mem. Manchester Lit. Philos. Soc. ... 1919. Oct.
Publ.: 1919. Issued as Mem. Manchester Lit. Philos. Soc. 63(1).
Ref.: Anon., J. Bot. 57: 293-294. Oct. 1919 (review, presumably by James Britten).

18.868. *The botanical features of the south western Cape Province ...* Cape Town (specialty
 Press) 1929. Oct.
Authorship: R.S. Adamson, R.H. Compton, P.A. van der Byl, Miss E.L. Stephens, Mrs. R.S.
 Levyns.

Publ.: Jun-Jul 1929 (written in connection with the visit to South Africa of the British Association for the Advancement of Science, July 1929), p. [i-iv], [5]-127, tables.

Ref.: Rendle, A.B., J. Bot. 68: 92-93. Mai 1930 (review).

18.869. On a new species of *Aristea*, with an account of the anatomy ... Cape Town (Published by the Society). 1931. Oct.

Publ.: 1931, cover-t.p., p. [373]-378. *Copy*: G. – Reprinted and to be cited from Trans. R. Soc. S. Afr. 19(4): 373-378. 1932.

18.870. A revision of the South American species of *Juncus* ... (extracted from the Linnean Society's Journal-Botany) 1935. Oct.

Publ.: 25 Sep 1935 (date on cover reprint), p. [i], [1]-38. *Copies*: B, L, U. – Reprinted and to be cited from J. Linn. Soc., Bot. 50: 1-38. 1935.

18.871. Notes on the species of *Amaranthus* in the Western Cape Province ... Reprinted from "The Journal of South African Botany, ..." 1936. Oct.

Publ.: Oct 1936 (in journal), p. [191]-195. *Copy*: L. – Reprinted and to be cited from J. S. Afr. Bot. 2: 191-195. 1936.

18.872. Notes on *Juncus* ... (Reprinted from "The Journal of South African Botany") 1937. Oct.

Publ.: Oct 1937 (date on reprint), p. [165]-169. *Copies*: L, U. – Reprinted and to be cited from J. S. Afr. Bot. 3: 165-169. 1937.

18.873. Monograph of British Empire vegetation. *The vegetation of South Africa* ... London (British Empire vegetation committee) 1938. Oct. (*Veg. S. Afr.*).

Publ.: 1938 (p. vi: Feb 1938, Nat. Nov. Feb 1939), p. [i]-vi, [1]-235, pl. 1-9, map. *Copies*: L, MO.

Ref.: Diels, L., Bot. Jahrb. 70 (Lit.): 7. 28 Apr 1939 (rev.).

Hutchinson, J., Kew Bull. 1939(3): 167-168. 24 Mai 1939 (rev.).

18.874. Notes on some Cape species of *Annesorrhiza* ... Reprinted from "The Journal of South African Botany", ... 1938. Oct.

Publ.: Apr 1938, p. [61]-63. *Copy*: L. – Reprinted and to be cited from J. S. Afr. Bot. 4: 61-63. 1938.

18.875. Notes on the vegetation of the Kamiesberg ... Pretoria (Printed ... by the Government Printer) 1938. Oct. (*Notes veg. Kamiesberg*).

Publ.: 1938, cover-t.p., p. [1]-25. *Copy*: U. – Issued as Bot. Surv. S. Afr. Mem., no. 18.

* **Adanson, Michel** (1727-1806), French botanist and explorer, born in Aix-en-Provence, from 1730 resident in Paris, educated at the Collège du Cardinal Lemoine and the Collège de France, later at the Jardin du Roi and the Collège Royal, more specifically interested in botany from 1745; in Senegal as a bookkeeping clerk, but with the purpose to study the botany of the area 1749-1754; from then on in Paris mainly dedicated to botany, member of Académie Royale des Sciences in various ranks from 1750. (*Adans.*).

HERBARIUM and TYPES: See TL-2/1: 9, apart from the main collections at P, also some material at PC; further Adanson material in G, P-JU and P-LA.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 358; Ainsworth p. 10, 254, 311; Backer p. 7; Barnhart 1: 16; BM 1: 11; Bossert p. 3; Dawson p. 6; Dryander 3: 20, 32, 217, 301, 400, 410, 415, 530; Frank 3(Anh.): 3; GR p. 59, 265; Hortus 3: 1187; HU 2: 582(index), see also 1: 287-288; IH 2: 27; Jackson p. 18, 352; Kew 1: 12; KR p. 4; Langman p. 67; Lasègue p. 21, 29, 316, 442, 504, 551, 557; LS 692-693; Moebius p. 441(index); Plesch p. 122-123; PR

20-22, ed. 1: 44-45; SO 645, 646, 1398a, 2542a; TL-1: 1-2; TL-2/1: 9-10, 4: see p. 1160, 5: no. 10.370, see Schreber and Scopoli, and see indexes; Tucker 1: 30; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: *Note:* see also the list of biographical studies of Adanson in G.H. Lawrence, ed., (1): J-P. Nicolas, Adanson the man, in Adanson, The bicentennial of ... Familles des Plantes, Hunt bot. Library 1: 118, 121. 1963, (2) as well as the further studies in this volume.

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- Monod, Th. and J.P. Nicolas, *Michel Adanson 1727-1806, Plaquette ...* Paris 1963 (see *Taxon* 12: 301. 1963 for further details on this relatively scarce brochure).
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- Stafleu, F.A., in G. Lawrence, ed., *Adanson* (ed. Hunt libr.) 1: 123-264. 1963 (on A. and the *Fam. pl.*), 2: 529-618. 1964 (A's sources, references and abbr.) (rev. e.g. by R.C.G. Desmond, *Kew Bull.* 19(2): 230. 1965, E. Milne-Redhead, *Kew Bull.* 20(2): 304. 1966; see also *Taxon* 12: 301. 1963).
- Stafleu, F.A., in facsimile reprint of Adanson's *Fam. pl.*, *Lehre* 1966, p. v-xv (new preface), *Hist. Nat. class.* no. 46; also in F.A. Stafleu, *Adanson, Labillardière, de Candolle, Lehre* 1967, p. 5-15.
- Stafleu, F.A., *Linnaeus and the Linnaeans* 310-320, 365. 1971 (relation with L.).
- Stearn, W.T., *Adanson*, in P. Gray, ed., *Encycl. biol. Sci.* 11: 176. 1961.
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- Traub, H.P., *Plant life* 16: 159. 1960, 22: 12-17. 1966 (on A. and *Amaryllid.*).
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- Whetzel, H.H., *Outline hist. phytopath.* 28. 1918.

Ade, Alfred (1876-1968), German amateur botanist, born in Sarbogard in Hungary, educated in München at the Max-Gymnasium (1887-1893), at the Veterinarian college in München; district veterinarian at Brückenau from 1912, later idem at Gemünden a. Main, Dr. h.c. University of Würzburg 1951. (*Ade*).

HERBARIUM and TYPES: Destroyed by war action 1945.

BIBLIOGRAPHY and BIOGRAPHY: *AG* 5(2): 541; *DTS* 6(4): 109; *GR* p. 1 (b. 17 Jul 1876, Sarbogard, Hungary; d. 12 Nov 1968, Gemünden a. Main).

BIOFILE: Burgeff, H., *Ber. Bayer. bot. Ges.* 42: 207-210. Dec 1970 (obituary, portr., bibl.).

18.876. *Flora des bayerischen Bodenseegebietes.* Uebersicht über die im bayerischen Bodenseegebiet bis jetzt beobachteten wildwachsenden Phanerogamen und Gefäßkryptogamen ...

München (Druck von Val. Höfling ...) 1901. Oct. (*Fl. bayer. Bodenseegeb.*).
Publ.: 1901, p. [1]-127. *Copies*: G, L. – Issued as Ber. Bayer. bot. Ges. 8(2), 1902.

18.877. *Mykologische Beiträge ...* [Hedwigia ... 1923]. Oct.
Publ.: 29 Dec 1923 (in journal), p. 286-320. *Copy*: L. – Reprinted and to be cited from
 Hedwigia 64(3): 286-320. 1923.

Aderhold, Rudolf Ferdinand Theodor (1865-1907), German (Thüringen) mycologist and phytopathologist; educated at the Realgymnasium in Frankenhausen and, from 1882, in Nordhausen, at the University of Jena 1884, studying especially botany; 1885-1886 at the University of Berlin with Eichler and Schwendener, from 1886 again in Jena as assistant in the Botanical Institute until 1888; Dr. phil. ib. 9 Apr 1888; teacher's curriculum 1888-1889, on active service 1889-1890, teacher at Iserlohn 1890-1891, at Dortmund 1891; assistant at the horticultural academy at Geisenheim a. Rh. 1891-1893, teacher at the pomological institute at Proskau 1893 (succeeding Sorauer)-1901, with the Sanitary Board (Kais. Gesundheitsamt) in Berlin 1901-1905, with the biology institution for agriculture and sylviculture at Dahlem 1905, as director until 1907. (*Aderhold*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: De Toni 4: 1; LS 696-754, 30446-30475, add. 752-753; Rehder 5(index): 5; Tucker 1: 30.

BIOFILE: Anon., Bot. Zeit. 65: 128. 1907 (d. 17 Mar 1907).
 Behrens, J., Ber. deut. bot. Ges. 25: (47)-(56). 1907 (biogr., bibl., b. 12 Feb 1865, Frankenhausen (Thüringen), d. 17 Mar 1907, Dahlem).
 Pax, F., Schlesiens Pflanzenwelt 18. 1915; Bibl. schles. Bot. no. 1233. 1929.
 Scholz, H., ed., Englera 7: 282. 1957.

18.878. *Revision der Species Venturia chlorospora, inaequalis und ditricha autorum ...* [Hedwigia 1897]. Oct.
Publ.: 30 Apr 1897 (date in journal), p. [67]-83, *pl.* 4 (uncol. drawing auct.). *Copy*: B. – Reprinted and to be cited from Hedwigia 36(2): 67-83, *pl.* 4. 1897.
Ref.: Meissner, Bot. Zeit. 55(9): 138-139. 1 Mai 1897 (rev.).

18.879. *Über den Vermehrungspilz, sein Leben und seine Bekämpfung ...* Sonder-Abdruck aus "Gartenflora" 1897. Oct.
Publ.: 1897, p. [1]-13. *Copy*: L. – Reprinted from Gartenflora 1897: 114-126.

18.880. *Ueber Venturia Crataegi* n. spec. ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1902. Oct.
Publ.: 23 Apr 1902 (date of issue journal; Nat. Nov. Jun (2) 1903), p. [195]-200, *pl.* 9 ("ix", uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 20(3): 195-200, *pl.* 9. 1902.

18.881. *Die Monilia-Krankheiten unserer Obstbäume und ihre Bekämpfung ...* Berlin (Verlagsbuchhandlung Paul Parey) 1902. Oct. (*Monilia-Krankh. Obstbäume*).
Publ.: Oct 1902 (date on p. 1), p. [1]-4. *Copy*: L. – Issued as Flugblatt 14, Kaiserliches Gesundheitsamt. Biol. Abth. Land.-Forstwirtsch. no. 14.

18.882. *Ueber Clasterosporium carpophilum* (Lév.) Aderh. und Beziehungen desselben zum Gummiflusse des Steinobstes ... Berlin (Verlagsbuchhandlung Paul Parey ...) 1902. Oct.
Publ.: 1902, cover-t.p., p. [515]-559, *pl.* 10-11 (10 col. lith. auct., 11 uncol. id.). *Copy*: L. – Reprinted and to be cited from Arb. Biol. Abth. Land.-Forstwirtsch. Kais. Gesundheitsamte 2(5): 515-559, *pl.* 10-11. 1902.

18.883. Ueber das *Kirschbaumsterben* am Rhein, seine Ursachen und seine Behandlung ... Berlin (Verlagsbuchhandlung Paul Parey ...) 1903. Oct.

Publ.: 1903, cover-t.p., p. [309]-363, *pl.* 5-7 (5-6 uncol. photo., 7 uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from *Arb. Biol. Abth. Land-Forstwirtschaft. Kais. Gesundheitsamte* 3(4): 309-363, *pl.* 5-7. 1903.

18.884. II. *Beitrag zur Pilzflora Proskau's* ... [Jahresber. Schles. Ges. Vaterl. Kult., zool.-bot. Sect. 1903]. Oct.

Publ.: 1903, p. [1]-9. *Copy*: B. – Reprinted and to be cited from *Jahresber. Schles. Ges. Vaterl. Kult., zool.-bot. Sect.* 80: 9-17. 1902 [publ. 1903].

Note: The first *Beitrag* was published by Ernst Jacky, *ib.* 78: 39-68. 1901.

Aderholdt, August Eduard (1828-1890), German (Sachsen) physicist and chemist, born in Nordhausen, educated at the Nordhausen "Gymnasium", studied at the Friedrich Wilhelm University (Bonn). (*Aderholdt*).

HERBARIUM and TYPES: Unknown.

18.885. *De partibus anorganicis Lycopodii chamaecyparissus et clavati*. Dissertatio chemica quam ad summos in philosophia honores auctoritate amplissimi philosophorum ordinis in Universitate Fridericia Guilelmia rite capessendos scripsit et una cum sententiis controversis die iv. mensis Februarii a mdcccclii publice defendet ... Bonnae [Bonn] (Formis F.P. Lechneri) 1852. Oct. (*De part. anorg. Lycopodii*).

Publ.: 4 Feb 1852 (date of defense thesis), p. [i-iii], [1]-25, [26-27]. *Copy*: B. – "Vita" on p. [ii], theses on p. [iii].

Adler, Wilhelm (fl. 1834-1843), German botanist and proprietor of an estate in Wohlsdorf in the Ziegenrucker Kreis, Prussian Saxony (exclave in Thüringen). (*W. Adler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 17; BM 1: 12; PR 24, ed. 1: 48; Rehder 5(index): 6.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 52. 1876.

Lack, H.W. and O. v. Sydow, *Willdenowia* 13: 410. 1983 (letter to Reichenbach (?) in *Univ. Libr. Uppsala*).

Schlechtendal, D.F.L. von, *Linnaea* 19(2): 147. 1843 (living on his estate in Wohlsdorf by 1843).

18.886. *Flora des Ziegenrucker Kreises* und der umliegenden Gegenden, oder: Verzeichniss der daselbst wildwachsenden Pflanzen, nebst Angabe ihrer Wohnorte, Blüthezeiten, Dauer, und ihres Nutzens für Landwirthe, Apotheker, Forstmänner, Maler, Gerber und Färber. Herausgegeben von Wilhelm Adler ... Neustadt und Ziegenrück (bei Johann Karl Gottfried Wagner) 1819. Oct. (*Fl. Ziegenrucker Kr.*).

Publ.: Sep-Dec 1819 (preface date 1 Sep 1819), p. [i]-xviii, [1]-334. *Copies*: B-S, G.

* **Adlerz, Ernst** (1854-1918), Swedish botanist (bryologist) and teacher, educated at Linköping and Uppsala, fil. kand. Uppsala 1878, fil. lic. 1881, fil. dr. 1882, lecturer natural history and chemistry at a highschool in Örebro from 1885. (*Adlerz*).

HERBARIUM and TYPES: OREB (moss herb.); further material in A, GB; Adlerz general herbarium went to Linköping's highschool (fide KR).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 17 (b. 6 Nov 1854, d. 8 Mar 1918); BM 1: 12; CSP 9: 15, 13: 32; IH 2: 27; KR p. 4-5 (bibl.); Morren ed. 10, p. 106; NAF ser. 2, 3: 31; SBC p. 114 ("Adl."); TL-2/1: 11.

BIOFILE: Anon., Bot. Not. 1918: 119-120 (biogr.); Nat. Nov. 22: 130. 1920 (d.); Gen.-Reg. Bot. Not. 1. 1939 (6 publ. listed).

Erikson, J., Sv. bot. Tidskr. 12(3): 418-423. 1918 (obit., portr., b. 6 Nov 1854, d. 8 Mar 1918, bibl.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 410. 1983 (letter at Uppsala Univ. Libr.).

Wittrock, V.B., Acta Horti Berg. 3(2): 26. 1903, 3(3): 1, pl. 107. 1905 (portr.).

COMPOSITE WORKS: (1) Bryaceae, in Krok and Almquist, Sv. flora f. skolor 2: 9-45. 1886, ed. 2. 10-53. 1898, ed. 3. 12-58. 1907, ed. 4. 12-58. 1927.

(2) *Rubus* L., in C.A.M. Lindman, Sv. fanerogamfl. 308-321. 1918.

18.887. *Bidrag till fruktväggens anatomi hos Ranunculaceae.* Örebro. 1884. Oct.

Publ.: late 1884 (Bot. Centralbl. 21(11): 330-332. 9-13 Mar 1885, Bot. Zeit. 24 Apr 1885, Bot. Jahrb. 6(litt.): 118. Jul 1885, Nat. Nov. Apr (1) 1885), 42 p., 4 pl. No reprint seen.

Ref.: Adlerz, E., Bot. Centralbl. 21 (11): 330-332. 9-13 Mar 1885 (rev.).

Adriani, Marcus Jan (1908-x), Dutch geobotanist of the Montpellier school. (*Adriani*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 17; BL 2: 424.

BIOFILE: Anon., Motivering toekenning Edo-Bergsma-ANWB prijs 1972 aan M.J. Adriani, 1 p., mimeographed paper without identif. at L.; NRC-Handelsblad Woensdag 25 Jul 1973; Algemeen Dagblad 13 Jan 1973.

18.888. *Synökologische Beiträge zur Frage der Bedeutung von Fagus silvatica* in einigen niederländischen Waldassoziationen ... Hannover (Druck von C.V. Engelhart & Co.). 1937. Oct.

Publ.: 1937, p. [i*], [i], 185-192, pl. 1. *Copies*: B, FAS. – Reprinted and to be cited from Mitt. Flor.- soziol. Arb.-Gem. Niedersachsen 3: 185-192, pl. 1. 1937.

Ähring, Johan Erik Ewald (1837-1888), Swedish (Södermanland) botanist, educated at Maria School and Gymnasium, Stockholm, studied at Uppsala University 1856, fil. kand. ib. 1867, dr. phil. ib. 1872, amanuensis at the Uppsala botanical institute 1863-1867, teacher at a state grammar school Arboga 1868-1888. (*Ähring*).

HERBARIUM and TYPES: Main herbarium unknown; GB (140 specimens).

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 121; KR p. 791 (b. 18 Sep 1837, d. 5 Apr 1888); SO p. 7 (no. 37).

BIOFILE: Anon., Bot. Not. 1888: 150-151. 1888 (biogr. notice); Taxon 36(1): 299-300. 1987 (microfiche ed. letters Linnaeus).

Byllyt, A. and Th.O.B.N. Krok, Ann. Bot. 2(8): 393. 1889 (brief notes on life; bibl.).

Krok, Th.O.B.N., Ann. Bot. 2(8): 393. 1889 (obit. notes, list publ.).

Morren, E., Corr. bot. ed. 10: 103. 1884.

COMPOSITE WORKS: (1) Vita Caroli Linnaei, in C. v. Linnés Ungdomskr. (Ähring editor) 1: 53- 87. 1888, see KR p. 436, no. 23 and p. 791. no. 6.

(2) Festen till C. v. Linnés minne, 1878, p. 65-106 (Linnés förkällande till sina lärjungar).

(3) Edited Caroli Linnaei opera hactenus inedita. *Flora Dalecarlica*. Ad verba Linnaei, p. [iv], viii, 130; SO 249.

18.889. *Studier i den Linnéanska nomenclaturen* och synonymiken, Academisk Afhandling som med samtycke af vidtberömde Philosophiska Faculteten i Uppsala för filosofiska gradens erhållande till offentlig granskning framställes af Ewald Ähring, ... på Botaniska Lärosalen den 21 Maj 1872 p.v.t.f.m. Afdeln. I. Örebro (Abr. Bohlins Boktryckeri) 1872. Oct. (*Stud. Linn. nomencl.*).

Publ.: 21 Mai 1872 (date of defense thesis), p. [i*], [i]-xvi, [1]-49, [50]. *Copies*: BR, B-S, GH, LD, B. Peterson.

Commercial edition: 1872 (after 21 Mai 1872), cover, p. [i*], [i]-xvi, [1]-49, [50]. *Copies*: GB, B. Peterson. – See KR p. 791 (no. 1). *Title-page*: *Studier i den Linnéanska nomenclaturen och synonymiken*. Af Ewald Ährling. Örebro (Abr. Bohlins Boktryckeri) 1872. Oct.

18.890. Carl von Linnés brevvevling. Förteckning upprättad at ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söhner). 1885. Oct. (C. v. Linnés brevvevling.).

Publ.: 1885, cover-t.p., p. [i, t.p.]-xviii, [1]-111. *Copies*: GB, B. Peterson, U.

Facsimile ed.: 1967, p. [i*-iii*, reprint t.p.'s], [i, orig. t.p.]-xviii, [1]-111. *Copies*: B, FAS, G; IDC 4050. – Issued by Interdocumentation Company AG, Zug. – *Bibl. Sertum botanicum* no. 1.

* **Aellen, Paul** (1896-1973), Swiss (Basel) botanist and teacher, studied natural sciences at the University of Basel 1915-ca. 1920; director of the École Pestalozzi, Schaffhausen 1921-1927; teacher at various institutions at Basel 1928-1958; specialist on *Chenopodium* and allies. (*Aellen*).

HERBARIUM and TYPES: G (G-PAE); collections from Basel at BAS. – The Aellen herbarium contains the herbaria of W.G. Herter (50.000, Uruguay) and G. Looser (30.000, Europe, Chile); collections by J. Murr (*Chenopod.*), A. Ludwig, H. Wolf (crypt.), H. Bangerter and H. Heinis (Roses) as well as the Thüringen herbarium of R. Scheuermann; for further details see Burdet (1977). – For further information see P. Aellen, *Jahresbericht 1962-1963* [through 1969-1975] der “Stiftung Herbarium Paul Aellen”. Duplicates: AD, BM, F, GB, K, LAU, LCU, LD, NJ, M, MVH, U, US.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(4): 40; Barnhart 1: 18; BFM 1172, 1173; Bossert p. 4; Hortus 3: 1187; IH 1 (ed. 6): 355, 2: 27; Kew 1: 14-15; Langman p. 68; MW p. 2, suppl. p. 2; Roon p. 9; TL-2/1: 11, see also K.H. Rechinger; Zander ed. 11, p. 712.

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EPONYMY: *Aellenia* Ulbrich (in E. Ulbrich, *Nat. Pflanzenfam.* ed. 2, 16c: 567. 1934).

- 18.891.** *Chenopodium crassifolium* Hornemann, eine verkannte europäische Art ... Separatabdruck aus der Zeitschrift "Ungarische Botanische Blätter" ... 1924. Oct.
Publ.: 1926, p. 55-63. *Copy*: G. – Reprinted and to be cited from Magyar Bot. Lapok 1926(1-12): 55- 63.
- 18.892.** *Neue adventive Chenopodien aus Schweden* ... Botaniska Notiser ... Lund. 1928. Oct.
Publ.: 14 Mai 1928, p. [203]-210. *Copies*: B, G. – Reprinted and to be cited from Bot. Not. 1928: 203-210.
- 18.893.** *Beitrag zur Systematik der Chenopodium-Arten Amerikas*, vorwiegend auf Grund der Sammlung des United States National Museum in Washington, D.C. I-II ... Sonderabdruck aus Fedde, Repertorium ... 1929. Oct.
1: 5 Mar 1929 (in journal), p. [31]-64. *Copy*: G. – Reprinted and to be cited from Repert. Spec. Nov. 26: 31-64. 1929.
2: 31 Mai 1929 (in journal), p. [119]-160. *Copy*: G. – Id. 26: 119-160. 1929.
- 18.894.** *Revision der australischen und neuseeländischen Chenopodiaceen I: Theleophyton, Atriplex, Morrisiella, Blackiella, Senniella, Pachypharynx* ... Sonderdruck aus Botanische Jahrbücher ... [1937-1938]. Oct.
Publ.: 20 Nov 1937 (p. 345-384), 31 Mai 1938 (385-434), p. [345]-434. *Copies*: B, L. – Reprinted and to be cited from Bot. Jahrb. 68(3/4): 345-434. 1937-1938.
- 18.895.** *Die orientalischen Beta-Arten* ... Separatabdruck aus: "Berichte der Schweizerischen Botanischen Gesellschaft ..." 1938. Oct.
Publ.: 1938 (mss. rd. 22 Mai 1938), p. [470]-484. *Copy*: B. – Reprinted and to be cited from Ber. Schweiz. Bot. Ges. 48: 470-484. 1938.
- 18.896.** *Beiträge zur Kenntniss von Spinacia L.* ... Separatabdruck aus: "Berichte der Schweizerischen Botanischen Gesellschaft ..." 1938. Oct.
Publ.: 1938 (mss. dated 15 Apr 1938, id. rd. 22 Mai 1938), p. [485]-490. *Copy*: B. – Reprinted and to be cited from Ber. Schweiz. Bot. Ges. 48: 485-490. 1938.
- 18.897.** *Halimione Aellen, eine rehabilitierte Chenopodiaceen-Gattung* ... Die orientalischen Obione-Arten ... Basel (Buchdruckerei E. Birkhäuser & Cie) 1938. Oct. (*Halimione*).
Publ.: 1938 (mss. rd. 28 Mai 1938), cover-t.p., p. [i, t.p.], [118, verso of t.p.]-137. *Copy*: B. – Reprinted and to be cited from Verh. naturf. Ges. Basel 49: 118-137. 1938.
- 18.898.** *Klarstellung von Chenopodium triandrum* Forster und einigen australischen Chenopodien ... Candollea ... 1939. Oct.
Publ.: Aug 1939 (in journal; mss. closed 23 Jun 1938 sic), p. [5]-11. *Copy*: B. – Reprinted and to be cited from Candollea 8: 5-11. 1939.
- 18.899.** *Blackiella inflata* (F. v. M.) Aellen in Nordafrika ... Candollea ... 1939. Oct.
Publ.: Aug 1939 (in journal; mss. closed Apr 1939), p. [16]-18. *Copy*: B. – Reprinted and to be cited from Candollea 8: 16-18. 1939.
- 18.900.** *Beitrag zur Wolladventivflora von Mülhausen* (Elsass). Die in Europa wolladventiv beobachteten australischen Atriplex-Arten ... Basel (Buchdruckerei E. Birkhäuser & Cie.). 1939. Oct.
Publ.: 1939 (mss. rd. 18 Aug 1939), cover-t.p., p. [151]-162. *Copy*: B. – Reprinted and to be cited from Verh. naturf. Ges. Basel 50: 151-162. 1939.

* **Afzelius, Adam** (1750-1837), Swedish botanist, studied at Uppsala University from 1768, Dr. phil. ib. 1776, hon. Dr. med. 1797, lecturer oriental languages ib. 1777, adjunct philosophy 1780, id. medicine and botanical assistant 1785, professor of botany 1803-1805; professor

of *materia medica* from 1812, visited Sierra Leone 1792-1793, and again 1794-1796, travelled in England and Scotland 1798. (*Afzel.*)

HERBARIUM and TYPES: See TL-2/1: 11. — Additional sets in PH (small set acquired with herb. Gouan).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 11; Barnhart 1: 18 (b. 8 Oct 1750, Larv, Västergötland, d. 30 Jan 1837, Uppsala); BB p. 2-3; BM 1: 14; Clokie p. 121; CSP 1: 22; Dawson p. 6-8, 821, 869, 915 (corr.); Desmond p. 4; Dryander 3: 168, 306, 351; Frank 3(Anh.): 3; GR p. 470; Hegi 4(2): 1035; Hortus 3: 1187; IH 2: 28; Jackson p. 250; Kew 1: 16-17; KR p. 5-7, 504 (d. 1836, err.); Lasègue p. 344, 355, 444, 504; LS 759-760, 30.478; NAF 9(6); NDB 1: 356; PR 25-32, ed. 1: nos. 56-62; Rehder 1: 490, 5(index): 6; SBC p. 114 ("Afz."); SO index p. 7; TL-2/see indexes; TR 8; Tucker 1: 30; Urban-Berl. p. 324; Zander ed. 10, p. 590, 627, ed. 11, p. 712.

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Hepper, F.N. and F. Neate, *Pl. coll. West Afr.* 2. 1971.

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Addition to no. 31, *Gen. pl. guin.*: IDC 8528.

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HANDWRITING: Västgötalitteratur 1989: 99, 100.

18.901. *Svamp-Slägtet Helvella*, beskrivet af ... [Kongl. Vetenskaps Academiens nya Handlingar] ... 1783. Oct.

Publ.: Oct-Dec 1783, p. 299-313, *pl. 10*. – In: K. Vet. Acad. nya Handl. 4: 299-323. 1783. – KR no. 1. No reprint seen.

German transl.: Schwed. Akad. Wiss. N. Abh. 4: 291-304, *pl. 10a*. 1785.

18.902. De Rosis svecanis tentamen primum [- undecimum], Upsaliae (Typis Edmannianis) 1804-1813. Qu. (*De Rosis svec.*).

I: 14 Jun 1804 (date of defense thesis; text Adamus Afzelius, co-defendens Carolus Stenhammer), p. [i-ii], [1]-8.

2: 12 Dec 1805 (id., co-def.: Johannes Jacobus Råbberg), p. [i-ii], [1]-8.

3: 11 Jun 1806 (id., co-def.: Daniel Ericus Naezén), p. [i-iv], 9-16.

4: 31 Jan 1807 (id., co-def.: Gustavus Adolphus Drakenberg), p. [i-ii], 17-24.

5: 15 Jun 1807 (id., co-def.: Arvidus Augustus Afzelius), p. [i-iv], 25-30.

6: 12 Dec 1807 (id., co-def.: Eduard Theodor Goës), p. [i-iv], 31-36.

7: 20 Apr 1808 (id., co-def.: Johannes Brisman), p. [i-ii], 37-44.

8: 27 Mai 1809 (id., co-def.: Andreas Thomas Hedlund), p. [i-iv], 45-52.

9: 26 Mai 1810 (id., co-def.: Nicol. Olav. Schagerström), p. [i-ii], 53-60.

10: 12 Dec 1810 (id., co-def.: Petrus Hemm. Odhner), p. [i-iv], 61-68.

11: 24 Apr 1813 (id., co-def.: Laurentius Edwall), p. [i-ii], 69-74.

Copies: G, NY. – KR no. 7.

18.903. *De origine Myrrhae controversa*. Specimen primum [quintum] ... Upsaliae (Excudebant Zeipel et Palmblad) 1818-1819. Qu. (*De orig. Myrrhae controv.*).

I: 28 Feb 1818 (praeses and author: A. Afzelius; defendens Daniel Molmberg), p. [i], [1]-8.

2: 18 Mar 1818 (id.; def.: Andreas Georgius Frank), p. [i-iv], 9-16.

3: 9 Dec 1818 (id.; def.: Olavus Gothén), p. [i-iv], 17-24.

4: 20 Apr 1825 (id.; def.: Carolus Magnus Åkerblom), p. [i], 25-32.

5: 12 Jun 1829 (id., def.: Andreas Holmblad), p. [i], 33-40.

Copy: NY.

18.904. *Stirpium in Guinea medicinalium species novae*. Quarum fasciculum primum [secundum] ... praeside Adamo Afzelio, ... p.p. Ericus Samuel Wennberg ... [Fredericus Ol. Widmark] in Audit. Gust. die xii Dec mdcccxviii [xxix April mdcccxxix]. Upsaliae (Excudebant Zeipel et Palmblad). 1818-1819. Qu. (*Stirp. Guinea med. sp. nov.*).

I: 12 Dec 1818, p. [i-iv], [1]-8. Copy: B. Peterson. – KR no. 12b.

2: 29 Apr 1829, p. [i-ii], [9]-16. Copy: B. Peterson. – KR no. 12b.

Afzelius, Arvid August (1785-1872), Swedish clergyman, studied at Uppsala, Dr.phil. 1809, ordained 1811, ultimately dean at Enköping. (*A.A. Afzel.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 18; BM 1: 14; KR p. 7 (no. 1); PR 5314, ed. 1: 5895; TL-2/4530.

18.905. *Coloniae plantarum in Svecia*. Pars prima [secunda] ... Upsaliae (Typis Edmannianis) 1809, 2 parts. Qu. (*Colon. pl. Svecia*).

1: 7 Jun 1809, p. [i-ii], [1]-8. Praeses Samuel Liljeblad, defendens A.A. Afzelius.

2: 25 [sic, not 15] Nov 1809, p. [i-iv], 9-16. – Publico examini subjiciunt Arvid August Afzelius ... et Andreas Svanbeck ... [text evidently also by Afzelius].

Copies: B-S, GB-UB, LD, HH.

Note: See text S. Liljeblad, TL-2/4530, on the attribution of this publication to A.A. Afzelius.

– For *De rosis svecanis tentamen quintum* (1807) see Adam Afzelius.

Afzelius, Karl [Rudolf] (1887-x), Swedish botanist, educated at primary and secondary schools in Stockholm, from 1906-1911 at Stockholm University, fil. mag. ib. 1911, fil. lic. ib. 1915, scientist at the Hortus Bergianus from 1915, later at the Botanical Department of the Stockholm Natural History Museum, travelled in Madagascar 1912-1913, lecturer in botany at Stockholm University 1925. (*K. Afzel.*)

HERBARIUM and TYPES: S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 19 (b. 25 Dec 1887, sic prob. err., see Afzelius 1957); BJI 2: 2; Roon p. 9; TL-2/9530, 12097.

BIOFILE: Afzelius, K., biographical information for International Directory of Specialists (by A.C. de Roon) 1957 (b. 26 December 1887, sic).

Anon., *Allg. bot. Z.* 28/29: 54(110). 1925 (app. lecturer Stockh. Univ.).

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Fries, R.E., *Short hist. bot. Sweden* 46. 1950.

18.906. *Zur Embryosackentwicklung der Orchideen* ... Särtryck ur Svensk botanisk Tidskrift ... 1916. Oct.

Publ.: 15 Aug 1916 (in journal), cover-t.p., [183]-227. Copy: B. – Reprinted and to be cited from *Sv. bot. Tidskr.* 10(2): 183-227. 1916.

Ref.: Matouschek (Wien), *Bot. Centralbl.* 138: 178. 1918 (rev.).

18.907. *Zur Entwicklungsgeschichte der Gattung Gloriosa* ... Stockholm (Isaac Marcus Boktryckeri- Aktiebolag) 1918. Oct. (*Entwickl.-Gesch. Gloriosa*).

Publ.: 1918 (*Nat. Nov. Sep.* 1919), cover-t.p., p. [1]-12. Copies: B, G, NY, U. – Issued as *Acta Horti Berg.* 6(3): 1-12. 1918.

18.908. *Einige Beobachtungen über die Samenentwicklung der Aponogetonaceae* ... Särtryck ur Svensk botanisk Tidskrift ... 1920. Oct.

Publ.: 18 Oct 1920 (in journal), cover-t.p., p. [168]-175. Copy: B. – Reprinted and to be cited from *Sv. bot. Tidskr.* 14(2-3): 168-175. 1920.

18.909. *Embryosackentwicklung und Chromosomenzahl bei einigen Platanthera-Arten* ... Särtryck ur Svensk botanisk Tidskrift ... 1922. Oct.

Publ.: 20 Dec 1922 (in journal), cover-t.p., p. [371]-382. Copy: B. – Reprinted and to be cited from *Sv. bot. Tidskr.* 16(3-4): 371-382. 1922.

18.910. *Embryologische und zytologische Studien in Senecio und verwandten Gattungen* ... Uppsala (Almqvist & Wiksells boktryckeri-A.B.) 1924. Oct.

Publ.: 1924, cover-t.p., p. [123]-219. Copy: B. – Reprinted and to be cited from *Acta Horti Berg.* 8(7): 123-219. 1924.

Ref.: Mattfeld, J., *Bot. Jahrb.* 60 (Lit.): 24. 1925 (rev.).

18.911. *Die Embryobildung bei Nigritella nigra ...* Särtryck ur Svensk botanisk Tidskrift ... 1928. Oct.

Publ.: 16 Jun 1928 (in journal), cover-t.p., p. [82]-91. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 22(1-2): 82-91. 1928.

18.912. *Zur Kenntniss der Fortpflanzungsverhältnisse und Chromosomenzahlen bei Nigritella nigra ...* Särtryck ur Svensk botanisk Tidskrift ... 1932. Oct.

Publ.: 9 Jun 1932 (in journal), cover-t.p., p. [365]-369. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 26(1-2): 365-369. 1932.

18.913. *Apomixis in der Gattung Arnica ...* Särtryck ur Svensk botanisk Tidskrift ... 1936. Oct.

Publ.: 11 Jul 1936 (in journal), cover-t.p., p. [572]-579. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 30(3): 572-579. 1936.

Afzelius, Pehr Conrad (1817-1850), Swedish botanist, son of Adam Afzelius, studied at Uppsala 1836, med. kand. ib. 1848. (*P. C. Afzel.*).

HERBARIUM and TYPES: Some lichens in C, M and WRSL. – Afzelius herbarium was offered for sale in Bot. Not. 1852: 15-16; it contained ca. 2500 phanerogams, lichens and mosses. The present location is unknown to us.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 19; BM 1: 14; IH 2: 28; Jackson p. 350; KR p. 8 (b. 13 Apr 1817, Uppsala; d. 2 Mai 1850 ib.); PR 33, ed. 1: 63; Rehder 1: 354, 5(index): 6.

BIOFILE: Hertel, H., Mitt. Bot. Staatssamml. München 16: 339. 1980 (some lichens at M via Arnold).

18.914. *Noviiae florum Gotlandicae quas venia experientiss. Facult. med. Upsal. praeside D:re Georgio Wahlenberg ...* p.p. auctor Petrus Conr. Afzelius ... in Auditorio Linnaeano d. xii junii mdccxlv h.a.m.s. P. 1. Upsaliae [Uppsala] (excudebant Regiae Academiae Typographi) 1844. Oct. (*Nov. fl. Gotland.*).

Thesis ed.: 12 Jun 1844 (date of defense thesis), p. [1]-18. *Copies*: G, L, NY.

Commercial issue: 1844, p. [i], [1]-18. *Copy*: G (identical with thesis ed. plus an extra t.p. [i]). – The publication was not continued.

* **Agardh, Carl Adolph** (1785-1859), Swedish botanist at Lund; studied at Lund University 1799-1805; Dr. phil. ib. 1805; “docent” in mathematics 1807; “demonstrator” in botany 1810; “adjunct” in applied economy 1811; professor of botany and applied economy, succeeding Retzius, 1812; in various ecclesiastical functions from 1816; bishop Karlstads stift 1835; bishop 1837; dr. theol. (1844) 1845; d. Karlstad 28 Jun 1859; travelled in Europe; Denmark, Germany and Poland 1809; Denmark, Germany, Netherlands, Belgium, France and Italy 1821, 1827, 1833. (*C. Agardh*).

HERBARIUM and TYPES: Mainly at LD (orig.), duplicates issued as “Agardh’s herbarium”. Further material at BM, FI, H (8 specimens), HBG, K, M (herb. Reinbold), PC, PH (herb. Schweinitz), PR (200), S (phan.), WECO (a few specimens via herb. Barratt).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 19 (b. 13 Jan 1785, d. 28 Jan 1859); BM 1: 15; Bossert p. 4; CSP 1: 22, 6: 564; De Toni 1: 1, 2: vi, 4: 1; DSB 1: 69-70. 1970 (by G. Eriksson); Frank 3(Anh.): 3; GR p. 59, 470, *pl.* [37]; Hortus 3: 1187; IF p. 761; IH 2: 28; Jackson p. 513 [index]; Kew 1: 17-18; KR p. 8-13 (main bibl.); Krempelh. 2: 101-103; Langman p. 67; Lasègue p. 539 [index]; Lenley p. 445; LS 761; Moebius p. 44 [index]; MW p. 2; NI 5-6; PR 34-54, ed. 1: 64-85; Rehder 1: 259, 5(index): 6; RS p. 71; Saccardo 1: 11, 2: 7; SBC p. 114; SO 2668-2672; Stevenson p. 1234; TL-1: 2-3; TL-2/1-7 (see indexes names); Tucker 1: 30.

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(3) Contributed *Algae* to C.S. Kunth, Syn. pl. 1: 1-6. 1822 (TL-2/3998).

(4) Contributed *Algae* to K.B. Presl, *Reliq. haenk.* 1(1): 8-12. 1825, see C.B. Presl, TL-2/8291.

(5) Contributed *Algae* to C. Gaudichaud-Beaupré, Voy. Uranie 147-160, pl. 31-40. 13 Jan 1827, 161- 165. 12 Sep 1827, see TL-2/1968.

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Publ.: 1819, p. [1]-21 (p. 1-14 Swedish, 15-21 Latin; dedication to J.G.C. Lehman[n] on p. [2]). *Copy*: LD. – KR no. 4.

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Fasc. 2: Flora 28 Apr 1823 mentions that this part is now available in the German booktrade.

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- 18.923.** *Berättelse om en botanisk resa till Österrrike och Nordöstra Italien år 1827 ...* [Stockholm (hos P.A. Nordstedt & Söhner) 1828]. Oct. Publ.: Jul-Dec 1828 (p. 15: 20 Jun 1828), p. [1]-15, [16, imprint]. Copy: G. – Reprinted and to be cited from Årsber. K. Vet.-Akad. Bot. 1827: 278-292. 1828. German translation: (translated by F.C.H. Creplin) Flora 14: 17-27, 39-46. 1831. – KR no. 65.
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- 18.926.** *Om inskrifter i lefvande Träd.* Akademisk afhandling, som med den vidtberömde Filos. Facultetens samtycke, under inseende af Dr. C.A. Agardh, ... för filosofiska graden kommer att offentligen försvaras af P. Olof Liljevalch, Lundabo, den 9 Junii 1829. Lund (tryckt uti Berlingska Boktryckeriet) 1829. Oct. (*Inskrift. lefvande Träd*). Publ.: 9 Jun 1829 (date of defense thesis by Liljevalch), p. [i], [1]-18. Copies: LD, NSUB, B. Peterson.
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* **Agardh, Jacob Georg** (1813-1901), Swedish botanist in Lund, son of C.A. Agardh, studied at Lund University from 1826, Dr. phil. ib. 1832, Dr. med. honoris causa Copenhagen 1879; lecturer in botany at the University of Lund 1834, adjunct and botanical demonstrator 1836, extraordinary professor of botany 1847, ordinary professor ib. 1854-1879; travelled and botanized in Italy (1836-1837, 1840), France (1836-1837, 1856), England and Scotland (1836-1837, 1854); outstanding algologist. (*J. Agardh*).

HERBARIUM and TYPES: LD (donated by A. 1895). – Algae (worldwide): B, BAS, BP, C, CGE (*Lupinus*), DWC, FI, HBG, K, KIEL, L, LD, MANCH, PC, W. – Swedish phanerogams in LD, P and S. – J.G. Agardh presented C.A. Agardh's herbarium to LD in 1878, and his own herbarium ib. in 1895; his library was given to LD in 1897 and 1909 (fide KR).

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18.930. *Novae species algarum, quas in itinere ad oras maris rubri collegit Eduardus Rüppell; cum observationibus nonnullis in species rariores antea cognitae ...* [Museum Senckenbergianum ... 1837]. Qu.

Collector: [Wilhelm Peter] Eduard [Simon] Rüppell (1794-1884), TL-2/4: 978-979.

Publ.: 1837 (mss. dated Dec 1836), p. [169, t.p.], [171]-174. *Copy:* G. – Reprinted and to be cited from *Museum Senckenbergianum* 2: 169-174. – French abstract *Ann. Sci. Nat., Bot., sér. 8.* 2: 190-192. 1837, see KR no. 5.

18.931. *Nya alger från Mexico ... Ur Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ...* 1847.

Collector: Frederik Michael Liebmann (1813-1856), TL 2/3: 12-13.

Publ.: 1847 (read 13 Jan 1847), p. [5]-17. *Copies:* G, NY. – Reprinted and to be cited from *Öfvers. Förh. K. Sv. Vet.-Akad.* 4(1-6): 5-17. 1847. – KR no. 15.

German translation: 7 Jul 1848, (in journal), *Neue Algen aus Mexico.* *Flora* 31(25): 406-416. 1848.

18.932. *Öfver den sammanvuxna calyx hos några Lonicera-arter, och isika upptagen som eget slägte; ...* [K. Sv. Vet.-Akad. Handl. ... 1848]. Oct.

Publ: 1848 (in journal), p. [37]-50, *pl. 18* (uncol. lith.). *Copy:* G. – Reprinted and to be cited from *K. Sv. Vet.-Akad. Handl.* 1846: 37-50, *pl. 18.* 1848. – KR no. 46.

18.933. *Species genera et ordines algarum, seu descriptiones succinctae specierum, generum et ordinum, quibus Algarum regnum constituitur ...* Lund (apud C.W.K. Gleerup), Lipsiae [Leipzig] (apud t.o. Weigel), Parisiis (apud Masson), Londini (apud W. Pamplin). 1848-1901, 3 vols. Oct. (*Spec. gen. ord. alg.*).

Publ.: see TL 2/54 (1: 19-20). – KR no. 17, PR 61.

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18.934. *Om växternas stipler ...* [Stockholm 1849]. Oct.

Publ.: 1849, (mss. submitted 15 Jun 1849, rev. by Fries and Wahlberg in 1849, in *Flora* 1850), p. [37]- 98, *pl. 2* (uncol. lith.). *Copy:* B. – Reprinted and to be cited from *K. Vet.-Akad. Handl.* 1849: 37-98, *pl. 2.* 1851. – Reviewed by E. Fries and P.F. Wahlberg, *Sv. Vet.-Akad. Öfvers.* 6: 230-234. 1849, german version in *Flora* 33: 758-761. 1850. – The final volume of the *K. Vet.-Akad. Handl.* was published in 1851 (fide KR).

Ref.: KR p. 17 (no. 45a).

18.935. *Algologiska bidrag ...* [Stockholm (P.A. Norstedt & Söner Kongl. Boktryckare) 1849]. Oct.

Publ.: 1849 (in journal) p. [1]-11. *Copy*: L. – Reprinted and to be cited from Öfvers. Förh. K. Sv. Vet.-Akad. 6: 79-89, 1849. – Number of reprints: 30 ex. – KR no. 21.

German transl.: 1851. *Flora* 33(6): 737-746, Jan 1851. – KR no. 21 (err. *Linnaea* 33).

18.936. *De cellula vegetabili fibrillis tenuissimis contexta ...* Lundae (Typis Berlingianis) 1852. Qu. (*Cell. veg. fibr.*).

Publ.: 1852, cover-t.p., p. [1]-11, *pl. 1-2* (uncol. liths., not signed). *Copies*: B-S, G, L. – KR no. 63.

18.937. *Um spetsbergens alger.* Till beivstande af den högtidlighet hvarmed professor i theoretisk philosophis, philos. doct. Herr Carl Yngve Sahlin kommer att i embetet inställas, inbjudas Vetenskapernas beskyddare, idkare och vänner, vördsamt och vänligen af Kongl. Carolinska Universitets Rector. Lund (Tryckt uti Berlingska Boktryckeriet) 1862. Fol. (*Spetsberg. alg.*).

Publ.: 1862, p. [1-6]. *Copy*: LD-UB. – KR no. 25a.

18.938. *Om principerne för bestämmandet af delarnes betydelse hos vexterne ...* Inbjudnings-Skrift till den Magister-promotion sum af philosophiska faculteten anställes lördagen den 31 Maj 1862. Lund (Tryckt uti Berlingska Boktryckeriet) 1862. Fol. (*Princ. delarn. betyd. vext.*).

Publ.: 31 Mai 1862 (date of “magister promotion”), p. [1-12]. *Copy*: LD-UB. – KR no. 54.

18.939. Bidrag till kännedomen af Spetsbergens alger ... Stockholm (P.A. Norstedt & Söner ...) 1868. Qu. (*Bidr. Spetsberg. alg.*).

Publ.: 1868 (mss. submitted 5 Apr 1868), p. [1]-12, *pl. 1-2* (col. liths.). *Copies*: L, NY. – Issued as K. Sv. Vet.-Akad. Handl. N.F. 7(8). 1868. – KR no. 25-c [1].

Additions: 1868 (mss. submitted 5 Apr 1868), p. [25]-49, *pl. 3*. *Copy*: NY. – Id. 7(8): 25-49, *pl. 3*. 1868. – KR no. 25-c [2].

18.940. *De Laminarieis symbolas offert ...* Lunds Univ. Årsskrift ... [1868].

Publ.: 1868 (in journal), p. [1]-36. *Copies*: KNAW, L. – Issued as Lunds Univ. Årsskr. 4 (Mat.-nat.) (10). 1868. – KR no. 26.

18.941. Om de under *Korvetten Josephines expedition*, sistliden sommar, insamlade *algerne ...* Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1870. Oct.

Publ.: 1870, p. 359-366, *pl. 2* (col. lith.). *Copy*: L. – Reprinted and to be cited from Öfvers. Förh. K. Sv. Vet.-Akad. 27(4): 359-366, *pl. 2*. 1870.

18.942. *Chlorodictyon*, ett nytt slägte af Caulerpeernes grupp, uppstaldt af ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1870. Oct.

Publ.: 1870, p. 427-434, *pl. 3* (col. lith.). *Copy*: L. – Reprinted and to be cited from Öfvers. Förh. K. Sv. Vet.-Akad. 27(5): 427-434, *pl. 3*. 1870. – KR no. 29.

18.943. *Om Chatham-öarnes Alger ...* Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1870. Oct.

Publ.: 1870 (mss. submitted 11 Mai 1870), p. 435-456. *Copies*: L, NY. – Reprinted and to be cited from Öfvers. Förh. K. Sv. Vet.-Akad. 27(5): 435-456. 1870. – KR no. 28a.

Further publ. on the algae of the Chatham Isl.: *Trans. New Zealand Inst.* 3: 213-215. 1871, and 6: 209-211. 1874, see KR no. 28 (b, c).

18.944. *Bidrag till kännedomen af Grönlands Laminarieer och Fucaceer ...* Stockholm (P.A. Norstedt & Söhner ...). 1872. Qu. (*Bidr. Grönl. Lamin. Fucac.*).

Publ.: 1872 (mss. submitted 27 Sep 1871), p. [1]-31. *Copies*: B, US. – Issued as K. Sv. Vet.-Akad. Handl. ser. 2. 10(8). 1872.

Ref.: KR p. 16 (no. 32); IDC 542/2, microfiche C195-C196.

18.945. *De algis Novae Zelandiae marinis*. In supplementum Florae Hookerianae ... Lunds Univ. Årsskrift ... [1878]. Qu.

Publ.: 1878 (Nat. Nov. Jul [1] 1879), p. [1]-32. *Copies*: B, KNAW. – Issued as Lunds Univ. Årsskr. 14, ser. 2 (Mat. Nat.) 4, 1878.

Ref.: KR p. 16 (no. 35).

18.946. *Om Linnés betydelse i botanikens historia*. Med anledning af Linné-festen i Lund den 10 Januari 1878. Oct. (*Linné betyd. bot. hist.*).

Publ.: 1878 (possibly issued on date of festivities: 10 Jan 1878), cover-t.p., p. [1]-33. *Copies*: B, G, L. – KR no. 59.

German version: 1878 (idem), p. [1]-29. *Copy*: KNAW. – Issued with independent pagination as Lunds Univ. Årsskr. 14, ser. 2 (Mat. Nat.) 5. 1878.

18.947. *Om structuren hos Champia och Lamentaria med anledning af nyare tydningar ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ...* 1888. Oct.

Publ.: Mar 1888 (mss. submitted 8 Feb 1888; Nat. Nov. Apr (3) 1888, p. 49-67). *Copy*: B. – Published in and to be cited from Öfvers. Förh. K. Sv. Vet.-Akad. 45(2): 49-67. 1888.

Ref.: KR p. 17 (no. 38).

Agharkar, Shankar Purusottum (1884-1960), Indian botanist (Bombay born), educated at Ratnagiri and Dhawar, from 1901-1909 at the University of Bombay, B.A. 1906, M.A. botany, zoology and geology 1908, lecturer and head of the Biology Department of Elphinston College Bombay 1910-1913, at the Indian Museum Calcutta 1911-early 1914, Ghosh professor of botany at the University of Calcutta 1913, studied at the University of Berlin with A. Engler 1914, temporarily interned 1914- 1917, again with Engler et al. 1917-1919, Dr. phil. Univ. Berlin December 1919, visited the major European herbaria 1920 obtaining a basis for the herbarium CAL, from July 1919 at the Botany Dept. of Calcutta University until 1946, from then on resident at Poona. (*Agharkar*).

HERBARIUM and TYPES: CAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 20; IH 2: 28.

BIOFILE: Agharkar, S., *Verbr.-Mitt. Xerophyt.* p. 42. 1920 (“Lebenslauf”).

Chatterjee, D., *Sci. and Cult.* 26: 173-174. 1960 (portr., obit. not.); *Bull. Bot. Soc. Bengal* 12: 1-5. 1958 [issued 1961] (portr., obit.).

Frodin, D.G., *Guide standard floras world* 1984, no. 410a.

Kundu, B.C., *Taxon* 11(7): 209-211. 1962 (biogr., bibl., b. 18 Nov 1884, d. 9 Sep 1960) (see also *Fl. males. Bull.* 18: 970. 1963).

Mahabalé, T.S., *J. Ind. Bot. Soc.* 40: 131-134. 1961 (portr.).

Navalkar, B.S., *J. Bombay Nat. Hist. Soc.* 57: 635-636. 1960 (1961).

FESTSCHRIFT: Mahabalé, T.S., ed., *Professor S.P. Agharkar commemoration volume*, University of Poona, Poona 7: vi, portr., 144 p., 21 Sep 1961; contains a detailed biographical sketch (on p. 1-12) by T.S. Mahabalé and G.T. Tonapi.

18.948. *Über die Verbreitungsmittel der Xerophyten, Subxerophyten und Halophyten des nordwestlichen Indiens und ihre Herkunft*. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Leipzig (Wilhelm Engelmann) 1920. Oct. (*Verbr.-Mitt. Xerophyt.*).

Publ.: 18 Jun 1920 (formal issue in Bot. Jahrb. 56(3), as Beiblatt no. 124; the oral examination for the doctor's degree took place on 27 Nov 1919, the official date of the formal "promotion" was 10 Dec 1919, actual publ. was effected on 18 Jun 1920), cover-t.p., [i-ii], [1]-41, [42, Vita]. **Copy:** B. – Issued also as Bot. Jahrb. 56(3), Beibl. 124. 1920. – The two professors who acted as "Referenten" were A. Engler and G. Haberlandt. A first reference in the literature found by us was ÖBZ Jan-Feb 1921.

18.949. *Charophyta of Bengal ...* [Calcutta] (Calcutta University Press) 1937. Oct.

Co-author: Balaichand Kundu.

Publ.: Nov 1937 (mss. completed Mai 1930, sic; copy L inscribed 29 Nov 1937, journal issue registered Nov 1937), cover-t.p., p. [1]-23, *pl. 1-9* (uncol. draw.). **Copy:** L. – Reprinted and to be cited from J. Dept. Sci. Calcutta Univ. ser. 2. 1(1): 1-23, *pl. 1-9*. 1937.

Agnér, Gustaf Frederik Hjalmar (1854-1898), Swedish physician and botanist, studied at secondary schools at Växjö and Lund, medical student at the Stockholm Karolinska Institut 1889; practising physician ib. from 1892-1898. (*Agnér*).

HERBARIUM and TYPES: Some material at NH.

BIBLIOGRAPHY and BIOGRAPHY: KR p. 19 (b. 30 Nov 1854 Växjö; d. 15 Sep 1898, Stockholm).

18.950. *Svenska växters nytta och användning populär fromställning. I. Kärnväxter.* Stockholm (C. & E. Gernandts Förlags Aktiebolag, i Distribution) [1897]. Oct. (*Sv. växt. nytta*).

Publ.: 1897, p. [i-vii, sic], [7]-117, [118-123 index]. **Copy:** LD. – Not continued.

Agnethler, Michael Gottlieb, Ritter von (1719-1752), Transilvanian Saxonian (Hermannstadt) physician, botanist, numismatist and theologian, studied theology in Hermannstadt [present Sibiu, Rumania] and (1742) Halle, Dr. phil. ib. 1750, Dr. med. ib. 1751, also dedicating himself to theology, philosophy and history, later studying medicine, ultimately professor at the University ("Academy") of Helmstädt. (*Agnethler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 140 (b. 10 Jun 1719, d. 15 Jan 1752); Barnhart 1: 20 (d. 17 Jan 1752 at Helmstädt; discusses "Gottlieb" versus "Georg"); BM 1: 19; Dryander 3: 274; Kanitz no. 46; PR 69, ed. 1: 93; Rehder 5(index): 7; Tucker 1: 31.

BIOFILE: Barth, H. ed., Von Honterus zu Oberth. Bedeutende siebenbürgisch-deutsche Naturwissenschaftler 372-378. 1980.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 73. 1876.

Fries, Th.M., Bref. Skrifv. Linné 1(4): 150. 1910.

Hulth, J.M. Bref. Skrifv. Linné 2(1): 6. 1916.

Kanitz, A., Bonplandia 10: 230. 1862 (b. 19 Jul 1719 Hermannstadt).

COMPOSITE WORKS: (1) Editor of Linnaeus, C., Bibl. bot., ed. nov. 1743, J.G. Bierwirth issue, see TL-2/4711.

(2) Id. of Linnaeus, C., Syst. nat. ed. 5, see TL-2/4742 and 8050.

18.951. *Dissertatio solemnem de Lauro pro obtinendo doctrinae salutaris laurea ad d. [] Januar. [1751] in arena publica defendet Mich. Gottlieb Agnethler eques transilvanus philos. magister ...* Halle a. Saale (ex Officina gebaueriana) [1751]. Qu. (*De Lauro*).

Publ.: Jan 1751, frontisp. (copper engr.), p. [i-vi], [1]-60, [61-70], p. [i*-iv*]. **Copies:** B-S, G.

* **Agosti, Giuseppe**, Conte (1715-1786), Italian jesuit and botanist at Belluno. (*Agosti*).

HERBARIUM and TYPES: PAD (see TL-2/1: 23 and P.A. Saccardo 2: 7-8, 1904 on collections made by H.H. Zanichelli, Bartholomeus Martini and Agosti himself, the latter made in 1769 and rd. at Padua in 1903).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 20 (b. 10 Feb 1715, d. 10 Sep 1786); Dryander 3: 148; GR p. 526; LS 763; PR 70, ed. 1: 94; Rehder 1: 424, 5(index): 7; Saccardo 1: 12, 178, 2: 7-8, 117, Cron. p. xiii; TL-1: 3; TL-2/1: 23, see also 9937.

BIOFILE: Beck, G., Veg.-Verh. Illyr. Länder 2-3. 1901 (Veg. Erde 4).

Dandy, J.E., Regn. veg. 51: 8-9. 1967 (on the status of A's inferiora genera; his higher groups, numbered but *not named* are his genera; the named subdivisions are not genera and their names have no standing).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 73. 1876.

Pichi-Sermolli, R.E.G., unpubl. report to Committee for Spermatophyta 1954-1959, p. 39; Fl. males. Bull. 14: 641. 1959 (see TL-2/66).

Saccardo, P.A., Della storia e letteramia della flora veneta 47. 1869; Atti Accad. sci. venet.-trent.-istriana Sci. nat. ser. 2, 1: 5-13. 1904; Atti Ist. Venet. 63: [1-122], 1 pl. 1904 (on A's botanical ills.).

Ahern, George Patrick (1859-1942) American forester, organizer of the Bureau of Forestry, Philippines 1910, collector and organizer of plant collecting in the Philippines 1910-1915, captain, later lieutenant colonel, in the 9th U.S. Infantry; after 1915 on duty at the Army War College, living in Washington D.C. (*Ahern*).

HERBARIUM and TYPES: A, B, BO, CU, DS, F, L, MO, NY, PNH, POM, US (1867), UT, YU (partly collected by his collectors).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 21 (b. 29 Dec 1859); BL 1: 6; IH 2: 28; SK 1: 8 (detailed info.), 4: 82; Tucker 1: 31; Urban-Berl. p. 324.

BIOFILE: Frodin, D.G., Guide standard floras world 1984: nos. 493b and 925.

Merrill, E.D., Enumeration of some recently collected plants of A., Fragm. Fl. Philipp. 4-66, 77-202. 1904.

Quisumbing, E., Philipp. Geogr. J. 8: 30. 1964.

18.952. Forestry Bureau. *Tree species of the Philippine Islands*. Arranged according to family. Manila, P.I. ... 1901. Oct. (*Tree sp. Philipp. Isl.*)

Publ.: 1 Mai 1901 (date on cover-t.p.), cover-t.p., p. [1]-16. *Copy*: L. – Author's name mentioned on p. 16.

18.953. Compilation of notes on the most important *Timber Tree species of the Philippine Islands* ... [Manila, P.I. (Forestry Bureau) 1901]. Oct. (*Timber tree sp. Philipp. Isl.*).

Publ.: Apr-Jul 1901 (preface 2 Jan 1901; NY rd. between 18 Apr and 1 Aug 1901), p. [1]-112, 43 unnumbered col. pl.. *Copies*: L, MO, NY.

* **Ahles, Wilhelm Elias von** (1829-1900), German (Württemberg) botanist, Dr. phil. Jena 1853; high school teacher Heidelberg 1853, private lecturer ("Privatdozent") at the University of Heidelberg, 1859, professor of general and pharmaceutical botany at the technical University Stuttgart 1885-1899. (*Ahles*).

HERBARIUM and TYPES: STU, further material at CERN, L, LD, M (in herb. F. Arnold), WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 21 (b. 20 Sep 1829 Neckarburken nr. Mosbach, d. 29 Aug 1900, Stuttgart); BM 1: 20; Frank 3(Anh.): 4; GR p. 1, pl. [12]; IH 2: 28; Jackson p. 66, 167, 298; LS 766-769; TL-2/1: 23, see also 2835, 11.809.

BIOFILE: Ahles, W.E. von, Bot. Monatschr. 7(2): 31. 1889 (taught general botany, principles of plant systematics, pharmaceutical botany; in charge of botanical excursions and microscopic work).

Anon., Bot. Centralbl. 80: 400. 1899 (retired), 84: 175. 1900; Hedwigia 39: (40). 1900; Bot. Zeit. 58: 143. 1900 (Fünfstück succeeds A. in Stuttgart); Leopoldina 36: 151. 1900 (obit.); Biogr. Jahrb. 1900: 34; ÖBZ 50: 347. 1901 (d.); Bot. Not. 1901: 114.

Hertel, H., Mitt. Bot. Staatssamml. München 16: 339. 1980 (lichens in herb. Arnold, now at M).

Künkele, S., and S. Seybold, Jb. Ges. Naturk. Württemberg 125: 149. 1970 (much material at STU).

Laundon, J.R., Lichenologist 11: 6. 1979 (main herb. lichens at STU).

Lehmann, E., Schwäbische Apotheker 211. 1951 (b. 2 Sep 1829; d. 27 Aug 1900).

Moebius, M., Gesch. Bot. 429. 1937.

Wittrock, V.B., Acta Horti Berg. 3(2): 27-28. 1903, 3(3): 117. 1905.

WANDTAFELN (wall diagrams): Ahler issued a first set of 8 wall charts in Ravensburg 1873, accompanied by a text-booklet of 52 p., *Botanische Wandtafeln. Die Lehre von der Gestalt der Zelle, der Gewebe und der Blüte, nebst den darauf bezüglichlichen Vorgängen*, Ravensburg 1873 (see BM 1: 20; Bot. Zeit. 3 Jan 1873 (sic)). The charts themselves were termed *Botanische Wandtafeln*. – These wall diagrams were not the first, see Jackson p. 66 for a chronological list starting with B. Balfour's illustrations of botany (1850?). For a review of A's *Botanische Wandtafeln* see ÖBZ 24: 95-96. 1874.

COMPOSITE WORKS: (1) Actual author of C.F. Hochstetter, *Giftgew. Deutschl.* (TL-2/2835), ed. 3, 1874-1876.

(2) Introduction to C.A.J.A. Oudemans, *Afb. beschr. handelspl.* 1882 (TL-2/7153).

(3) Edited and augmented ed. 5 of M.A. Seubert, *Grundr. Bot.* ed. 5, 1883, TL-2/11.813, rev. by E. Koehne, Bot. Zeit. 42: 347-348. 30 Mai 1884, Id. ed. 7, Leipzig (C.F. Winter), 1887 (Bot. Centralbl. 25-29 Apr 1887), vi, 621 p. (Rev. by M. Moebius, Bot. Centralbl. 32: 1-3. 3-7 Oct 1887).

18.954. *De Germaniae pertusariis, Conotremate et Phlyctidibus commentatio. Dissertatio inauguralis ...* Heidelberg (Buchdruckerei von Hermann Osswald) 1860. Oct. (*German. pertusar.*).

Publ.: 1860, p. [i]-vi, [3]-20. *Copy*: G.

18.955. *Botanische Wandtafeln. Die Lehre von der Gestalt der Zelle, der Gewebe und der Blüte nebst den darauf bezüglichlichen Vorgängen. Acht Blatt mit erläuternden Text ...* Ravensburg (Verlag von Eugen Ulmer) 1873. Oct. (*Bot. Wandtafeln*).

Publ.: 1873, cover-t.p., p. [i], [1]-52, 8 col. pl. (loose, for use as wall-diagrams). *Copy*: U. – See also above paragraph *Wandtafeln*.

18.956. *Allgemein verbreitete essbare and schädliche Pilze, mit einigen mikroskopischen Zergliederungen und erläuterndem Text zum Gebrauche in Schule und Haus ...* Esslingen (Verlag von J.F. Schreiber). 1876.

Ed. 1: 1876. Other title: *Unsere wichtigeren Giftgewächse mit ihren pflanzlichen Zergliederungen II. Theil Pilze (Schwämme)*, p. [i-viii], [1]-13, [14], 1 uncol., 29 col. pl. *Copy*: GOET.

Ed. 2: Apr 1896 (Nat. Nov. Apr (2). 1896; Hedwigia Mai-Jun 1896; Bot. Centralbl. 22 Mai 1896; Bot. Zeit. 1 Jun 1896), p. [i]-vii, [1]-52, [i]-v, pl. 1-40 (col. liths.). *Copy*: L. – Allgemein ... mikroskopischen Vergrößerungen und erläuterndem Text zum Gebrauche in Schule und Haus ... Zweite Auflage. Stuttgart (Verlag von J.F. Schreiber). 1896. Oct.

Ahlfvengren, Frederik Elias (1862-1921), Swedish botanist, studied at a secondary school in Visby 1876-1882, at the University of Lund 1883, fil. kand. ib. 1888, fil. lic. 1893, Dr. phil. 1897; teacher at various schools in the Stockholm area 1894-1902; lector in natural history and chemistry at a secondary school at Holmstad 1902, idem in Stockholm (Norr-malen) from 1909; from 1883 an active member of Lunds botaniska förening. (*Ahlfvengren*).

HERBARIUM and TYPES: S, further material at A, GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 21; BL 2: 513, 525; BM 1: 21; IH 2: 29; KR p. 19-20 (bibl., b. 7 Apr 1862 Gervalls i Hejde, d. 22 Dec 1921 Stockholm); Rehder 5(index): 7.

BIOFILE: Anon., Bot. Not. 1922: 109, 1933: 14.

Gertz, O., Sv. bot. Tidskr. 40(1): 93-98. 1946 (biogr., portr., bibl.).

Hasslow, O., Bot. Not. 1933: 49 (activity in Lunds Bot. för.).

Peterson, B., Sv. bot. Tidskr. 83: 60-61. 1989.

COMPOSITE WORKS: Collaborator of L.M. Neuman in his *Sver. fl.* 1901, TL-2/6756 and *Herb. Suec.* 1901, TL-2/6757. Rev. of *Sver. fl.* by Grevillius, Bot. Centralbl. 88: 387-388. 23 Dec 1901.

18.957. *Bidrag till kännedomen om Compositéstammens anatomiska byggnad.* Akademisk afhandling. Som med vederbörligt tillstånd för erhållande af filosofisk doktorsgrad vid Lunds Universitet till offentlig granskning framställes onsdagen den 11 November 1896 kl. 10 f.m. å Botaniska lärosalen ... Lund (E. Malmströms Boktrycken) 1896. Qu. (*Bidr. Compositéstamm. anat. byggn.*).

Publ.: 11 Nov 1896 (date of defense thesis; Nat. Nov. Dec (2) 1896), cover-t.p., p. [i, t.p.], 1-86, [87, contents]. *Copies*: B, GB-UB, MO, NSUB, U. – This thesis fulfilled the first requirement of the doctor's examination, the degree was awarded on 31 Mai 1897. – Promotor and teacher: F.W.C. Areschoug. – Also published as Årb. Lunds Bot. Inst. xiv.

18.958. *Hallands växter.* Förteckning över fanerogamer och kärlekryptogamer. Lund (Förlag A.B. Gleerupska Universitetsbokhandeln). 1924.

Publ.: 1924 (ÖBZ rd. Oct-Dec 1924; Nat. Nov. Dec 1924), *1 portr.* (col.), p. [i]-xix, [1]-207. *Copies*: NY, B, Peterson.

Note: Edited by Carl Holmdahl and Sten Svenson after A's death.

Ref.: Anon., Bot. Not. 1924: 392 (brief review).

Erdtman, O.G.E., Sv. Bot. Tidskr. 18: 519. 1924 (rev.).

Sernander, J.R., Sv. Natur 1925: 161 (rev.).

Skottsberg, C., Göteborgs Handels- och Sjöfarts-Tidning 16 Aug 1924 (rev.).

* **Ahlner, Klas** (1845-1932), Swedish botanist and highschool teacher, studied at a secondary school in Uppsala from 1864, teacher at a school in Växjö 1872-1911, Dr. phil. Uppsala 1879. (*K. Ahlner*).

HERBARIUM and TYPES: Some algae at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 22; BM 1: 21; De Toni 1: ii; IH 2: 29 (77 algae at B); Jackson p. 336; KR p. 20 (b. 23 Mar 1845, Västergötland); TL-2/1: 23-24.

BIOFILE: Ahlner, K., *Bidr. Svenska form. Enteromorpha* 1877 (see TL-2/67), also available on IDC microfiche 8532; see also Bot. Not. 1877: 142; Bot. Zeit. 16 Nov 1877, p. 743.

Urban, I., *Gesch. Berlin-Dahlem* 262. 1917 (some algae at B).

Wittrock, V.B., *Acta Horti Berg.* 3(2): 28. 1903, 3(3): 2. 1905.

Ahlner, Sten Gustaf Edward (1905-x), Swedish lichenologist; studied at the University of Uppsala, fil. mag. 1930, fil. lic. 1936, Dr. phil. Uppsala 1948, lecturer at the University of Uppsala, from 1950 at the Naturhistoriska Riksmuseum, Stockholm. (*Ahlner*).

HERBARIUM and TYPES: S, further material at H, LD, M, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 22; BL 2: 521; GR p. 470, 471, *pl.* [37]; GR, cat. p. 59; SBC p. 114.

BIOFILE: Anon., Bot. Not. Generalregister 1-2. 1939 (5 publ. mentioned), 1950(3): 428 (A. museum asst. at S 1 Jul 1950), 114(1): 119. 1961 (A. first curator S); Vem är det 1975. Stockholm 1975. Fries, R.E., Short hist. bot. Sweden 54. 1950.

Hertel, H., Mitt. Bot. Staatssamml. München 16: 339. 1980.

Lundqvist, Å., Sv. bot. Tidskr. 75: 307. 1901 (active in Scandinavian floristics).

18.959. *Gävletraktens Taraxacum-flora ...* Arkiv för Botanik ... [1932]. Oct. (*Gävletrakt. Tarax.-fl.*).

Publ.: 15 Aug 1932 (date of printing 29 Feb 1932; published in Heft 1932(4) of Arkiv, but separate possibly publ. shortly after 15 Aug 1932; Nat. Nov. Sep. 1932), p. [1]-17, [18], *pl.* 1-2. *Copies*: U; IDC 8562.

18.960. *Einige Flechtenfunde aus Kuusamo (Nord-Finnland) ...* Memoranda Societatis pro Fauna et Flora fennica ... 1936. Oct.

Publ.: 1936 (pages dated 5.10.1935, probably date of acceptance), p. [i, recto of 52, dated 1936], [52]-56. *Copy*: L. – Published and to be cited from Mem. Soc. Fauna Fl. Fenn. 12: 52-56. 1936.

18.961. *Flechten aus Nordfinnland ...* Helsinki 1937. Oct. (*Flecht. Nordfinnl.*).

Publ.: 1937, cover-t.p., p. [i-ii], [1]-47, [48, finnish note]. *Copies*: B(2), L, U. – Issued in Ann. bot. Soc. zool.-bot. fenn. Vanamo 9(1). 1937.

18.962. *Ein nördlicher Fund von Pseudocyphellaria crocata (L.) Vain. in Norwegen ...* Oslo 1938. Oct.

Publ.: 1938 (printed 20 Jun 1938), cover-t.p., p. [i, t.p. reprint], [333]-338. *Copies*: B, L. – Reprinted and to be cited from Nytt Mag. Naturvid., Oslo 78: 333-338. 1938.

18.963. *Weitere Beiträge zur Strauch- und Laubflechtenflora von Åsele Lappmark ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1928-1940. Oct. (*Weitere Beitr. Strauch-Laubfl.-Fl. Åsele*).

I: 8 Nov-31 Dec 1938 (p. 11: printed 7 Nov 1938; cover of separate issue dated 1938, issue in Ark. Bot. 29A(9) Häftet 2 on 10 Juli 1939), cover-t.p., p. [1]-11. *Copies*: B (separate issue, 2 ex.), L, U (as part of journal). – The *Weitere* Beiträge refer probably to Ahlner's *Flechten aus Nordfinnland*, 1937, see above.

2: Shortly after 8 Nov 1940 (date of printing), cover-t.p., p. [1]-10. *Copies*: L, U. – Ark. Bot. 30A(2). 1940.

18.964. *Cavernularia hultenii* Degel. funnen i Skandinavien ... Särtryck av Svensk Botanisk Tidskrift ... 1938. Oct.

Publ.: 1938, cover-t.p., p. [160]-170, *pl.* 1-2 (uncol. photos). *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 32(2): 160-170, *pl.* 1-2. 1938.

18.965. *Alectoria altaica* (Gyel.) Räs. und ihre Verbreitung in Fennoskandia ... Uppsala (Almqvist & Wiksells Boktryckeri-A.-B.). 1940. Oct.

Publ.: 1940, cover-t.p., p. [27]-38, *pl.* 3. *Copy*: L. – Reprinted and to be cited from Acta phytogeogr. succ. 13: 27-38, *pl.* 3. 1940.

18.966. *Beiträge zur Flechtenflora Finnlands ...* Helsingforsiae 1940. Oct. (*Beitr. Flecht.-Fl. Finnl.*).

Publ.: 1940, cover-t.p., p. [1]-18. *Copy*: L. – Issued as Acta Soc. Fauna Fl. Fenn. 62(8). 1940.

Ahlquist, Abraham (1794-1844), Swedish (Öland) vicar, rural dean and botanist, studied at Uppsala from 1813, Dr. phil. ib. 1818, at highschool in Kalmar 1820, teacher in natural history at the Kalmar "gymnasium" 1821-1826, conrector ib. 1825, later pastor in Runsten, Öland, from 1831 as dean. (*Ahlquist*).

HERBARIUM and TYPES: UPS, GB (5 specimens).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 22; BL 2: 536; BM 1: 21; KR p. 20 (b. 5 July 1794, d. 9 Jul 1844); PR 72-73, ed. 1: 100-101; Rehder 5(index): 7.

BIOFILE: Ahlquist, A., Autobiography 1813-1844, mss. in archives Mrs. B. Hagstedt, Grytgöl, Sweden.

Anon., Bot. Not. 1844: 176 (d. 9 Jul 1844, 51 yrs. old, obit. not.).

Björk, Kalmar nations skriftserie 16: 7-31. 1940 (portr.).

Lundqvist, Å., Ölandsk bygd 1964: 37-38 (portr.); Sv. Linnésällsk. Årsskr. 1975-77: 29-31, 44-47. 1981 (portr.).

Sterner, K.R., Ölands växtvärld. Södra Kalmar län 3: 10-11. 1926; Acta phytogeogr. Succ. 5: 7. 1938 (portr.); Ölands kärnväxtflora ed. 2, by Å. Lundqvist 10-11. 1986.

COMPOSITE WORKS: (1) *Flora runsteniensis* dissertation defended under Thunberg, see TL-2/14.393. The part of Ahlquist as author is not quite clear. However, Krok lists this Flora under Ahlquist who published three further botanical papers. The *Flora runsteniensis* is available on IDC 619 (nos. 79-83).

CORRESPONDENCE: KVA, UPS-UB. – Botanical and other mss. at Kalmar stifts- och gymnasiebibl., Norrköpings stiftbibl.

18.967. *Anmärkningar om Ölands fysiska beskaffenhet och vegetation ...* Stockholm (Tryckte hos J.P. Lindhs Enka) 1822. Oct. (*Anmärk. Ölands Veg.*).

Publ.: 1822, p. [1]-29 ["39"]. *Copy*: G. – Preprinted or reprinted from Kongl. Sv. Vet.-Akad. Handl. 1821(2): 278-304. – See also G. Wahlenberg, *Ytterligare anmärkningar om Ölands natur*, ib. 1821: 305-319, TL-2/16.522, in fact an appendix to A's paper.

Ahnfelt, Nils Otto (1801-1837), Swedish botanist and ecclesiastical historian, studied at Lund 1816-1820, Dr.phil. Lund 1820, lecturer in dogma and church history ib.; travelled in S.W. Norway with A.E. Lindblom 1826, private teacher in Greifswald (Germany) 1833-1835, returned to Lund to take his degree, again in Greifswald Aug-Oct 1836, returned to Lund because of his illness. (*Ahnfelt*).

HERBARIUM and TYPES: S (from 1913 onward; for moss collection see KR p. 21, footnote; further material at M (lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 22; BM 1: 21; Frank 3(Anh.): 4; GR p. 485; KR p. 21 (b. 31 Oct 1801, Skåne; d. 1 Jan 1837, Lund); PR 74, ed. 1: 103.

BIOFILE: Anon., Bot. Not. 1912: 113-117 (on moss herb.).

Arnell, H.W., Sv. biogr. lex. 1: 330-331. 1918.

Baillon, H.E., Dict. bot. 1: 76. 1876.

Hertel, H., Mitt. Bot. Staatssanml. München 16: 339. 1980 (some lichens at M).

Hornschuch, C.F., Flora 20(1): 175-176. 1837 (brief obit.).

Lindman, S., Sv. män o. kvinnor 1: 43. 1942.

Möller, H., Bot. Not. 1912: 113-117 (on A. and his moss herbarium).

Schlechtendal, D.F.L. von, Linnæa 19(2): 147. 1843.

COMPOSITE WORKS: (1) *Musci*, in E. Fries, *Novit. fl. suec. alt.* 290-302. 1828, see TL-2/1871. (2) *Agaricus (Lepiota) cingulatus*, in E. Fries, *Eclogae fungorum in Linnæa* 5: [507], 723,

pl.10. 1830.

(3) *Bryaceae et Hepaticae*, in E. Fries, *Fl. Scan.* (part. 13-16): 223-254b. 1836.

EPONYMY: *Ahnfeltia* E. Fries (1835), *Ahnfeltia* Trevisan (1849).

18.968. *Dispositio muscorum Scaniae Hypnoideorum*, quam adjectis locis ubi singulos lectos habet, notisque quibus a descriptionibus convenientissimis recedere visi sunt, consent. ampl. Cons. Acad. Lund., p.p. Nicolaus O. Ahnfelt, Mag. Doc. Respondente P. Melchero Jacobson, calmariensi. In Acad. Carol. die xix Dec. mdcccxxxv. Lundae (typis excudit Carolus Tr. Berling ...) 1835. Oct. (*Disp. musc. Scaniae Hypnoid.*).

Publ.: 19 Dec 1835 (date of promotion), p. [i, t.p.], [1]-24. *Copies*: B-S, G, NY.

Ahrens, Ernst (fl. 1892-1895), German botanist and teacher at the Kön. Victoria Gymnasium in Burg, nr. Magdeburg, Prussia. (*Ahrens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Tucker 1: 31.

18.969. *Tabellen zur Bestimmung der in der Umgebung von Burg wildwachsenden Phanerogamen ... I-III ...* Burg (Druck von A. Hopfer) 1893-1895, 3 parts. Qu. (*Tabell. Umgeb. Burg wildwachs. Phan.*).

1. Jul 1893 (*Nat. Nov. Aug* (1) 1893; *Bot. Centralbl.* 11 Oct 1893), cover-t.p., p. [1]-18. – *Publ.* in *Jahresber. Kön. Victoria-Gymnasium Burg 1892/1893*, publ. 1893, Progr. no. 232.

2. Summer 1894 (*Bot. Zeit.* 16 Sep 1895, sic), cover-t.p., p. [1]-16. – Id. 1893/1894, publ. 1894, Progr. no. 231 [sic].

3. Mai-Jun 1895 (*Nat. Nov. Jul* (2) 1895; *Bot. Zeit.* 16 Mar 1896, sic), cover-t.p., p. [1]-16. – Id. 1894/1895, publ. 1895, Progr. no. 233.

Copies: B, NSUB.

Aichinger von Aichenhayn, Josef (1789-1870), Austrian botanist and soldier as k.k. Major in retirement in Stein ca. 1852, also sometime professor at the Neustädter Militär-Akademie, before 1855 active in Wien, Stein and Graz, ultimately in Salzburg. (*Aichinger*).

HERBARIUM and TYPES: Unknown.

CORRESPONDENCE: Letter to Kerner, in Dörfners Sammlung at UPS-Univ. Libr., see H.W. Lack and O.v. Sydow, *Willdenowia* 13: 410. 1983.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 23 (b. 1789, d. Jun 1870); BM 1: 21; DTS 1: 1; GR p. 446; Jackson p. 270; PR 75; Rehder 1: 440, 5(index): 7.

BIOFILE: Anon., *ÖBW* 2(1): 1. Jan 1852 (listed in “Botaniker Oesterreichs”); *ÖBZ* 20: 319. 1870 (died Jun 1870 in Salzburg at the age of 81).

Baillon, H.E., *Dict. bot.* 1: 76. 1876.

Neilreich, A., *Gesch. Bot. Nieder-Österr. in Verh. zool.-bot. Ver. Wien* 5: 57. 1855 (brief *curr. vitae*).

Stieber, M.T. et al., *Huntia* 4(1): 17. 1981 (plant labels in HU-archives).

18.970. *Botanischer Führer in und um Wien ...* Wien (Fr. Beck’s Universitäts-Buchhandlung) 1847. Oct. (*Bot. Führer Wien*).

Publ.: 1847 (Heft 1: *Bot. Zeit. rev.* 24 Sep 1847 and rd. at Leipzig (*Börsenblatt*) 16-19 Jun 1846, no further information found on parts 2-7), p. [i]-iv, [v], [1]-524, [1]-136. *Copies*: B, NY. – Guide to plants around Vienna on a topographical basis: localities listed in

alphabetical order with their vegetation and an alphabet of all species of the flora of Vienna.

Ref.: Schlechtendahl, D.F.L. von, *Bot. Zeit.* 5: 691. 24 Sep 1847 (“Probeheft”, 32 p.).

* **Aigret, [Louis] Clément [Joseph]** (1856-1921), Belgian amateur botanist at Olloy-lez-Couvin. (*Aigret*).

HERBARIUM and TYPES: LV (Bryophytes fide G. Sayre, 1977, Lichenes fide Laundon, 1979), M (Lichenes fide Hertel, 1980, p. 340, 1988, p. 140). – Aigret issued *Herbier des Muscinées de la Belgique*, with Vital François (Bot. Centralbl. 30: 128. 1887), cent. 1 issued 1887 (Bot. Zeit. 45: 646. 30 Sep 1887, Nat. Nov. Mai 1887).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 23; BL 2: 29, 42; BM 1: 21; CSP 13: 41; De Toni 2: vi; GR p. 609; LS 776-778, 3048a; TL-2/1: 24; Tucker 1: 31.

BIOFILE: Anon., Bull. Soc. bot. Belg. 55: 59, 182. 1923 (death mentioned in session 2 Oct 1921). Hertel, H., Mitt. Bot. Staatssamml. München 16: 340. 1980 (lich. at M via Arnold). Laundon, J.R., Lichenologist 11: 6. 1979 (also lich. at LV). Sayre, G., Bryologist 80(3): 503. 1977 (bryoph. at LV).

18.971. *Flore de la Belgique. Plantes médicinales et traité de médecine familière. Plantes exotiques et produits pharmaceutiques. Analyse et description des espèces indigènes...* Olloy-lez-Mariembourg. 1886. (*Fl. Belg. Pl. médic.*).

Co-author: Vital François.

Publ.: Mai-Jun 1886 (Nat. Nov. Jul 1886, Bot. Centralbl. 16-20 Aug 1886), p. [1]-199, [1]-12. *Copy:* n.v., see BL 2: 29.

18.972. *Flore de la Belgique. En herborisation ou guide de l'aspirant botanique ... Bruxelles (...Charles Coppée) [1889].* Oct. (*Fl. Belg.*).

Publ.: Jan-Feb 1889 (Bot. Zeit. 29 Mar 1889, Nat. Nov. Mar (1) 1889), p. [1]-159, [160].

Copy: BR. – Apparently a consolidated reprint with independent pagination from a periodical. We have not succeeded in tracing this periodical. The pages of the reprint give (other) page numbers from a “périodique 4.”, (possibly Ann. Trav. publics Belg. ser. 2. 4. 1889?). The dates of publication in the periodical will most probably be earlier than that of the consolidated reprint.

18.973. *Flore analytique et descriptive des plantations le long des routes de l'État en Belgique ... Bruxelles (J. Goemare, ...) 1905.* Oct. (*Fl. anal. plantat. routes*).

Publ.: Dec 1905 or early 1906 (t.p. date 1905, plates 5-10 dated Dec 1905, however: Nat. Nov. Oct (2) 1906, Bot. Centralbl. 4 Dec 1906), cover-t.p., p. [1]-217, *pl. 1-10* (uncol. liths.). *Copy:* BR. – Reprinted or preprinted from Ann. Trav. publics Belg. 10: 473-526, 779-800, *pl. 21*, 997-1042, *pl. 27-29*, 1191-1286, *pl. 33-38*. 1905 (journal issue n.v.).

Aiken, Walter Harris (1856-1935), American amateur botanist, music teacher in Cincinnati for 56 years. (*Aiken*).

HERBARIUM and TYPES: CINC, POM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 23 (b. 27 Sep 1856, d. 31 Oct 1935); BL 1: 207; IH 2: 29; Tucker 1: 31.

BIOFILE: Anon., Bull. Lloyd Libr. 28: 45-46. 1928 (is building up the herb. of the Lloyd Library, portr.).

18.974. *Catalogue of the ferns and flowering plants of Cincinnati, Ohio, and vicinity ... Cincinnati, Ohio (J.W. & C.G. Lloyd) 1911.* Oct. (*Cat. ferns fl. pl. Cincinnati*).

Publ.: 1911, cover-t.p., p. 1-57, [58, photo Lloyd libr.]. *Copies:* B, G, HH, NY, U. – Issued as Bull. Lloyd Libr., Bot. ser. no. 1 (Bull. series no. 15). 1911.

Further publ. on Cincinnati pl.: (1) Checklist of Hamilton County, Ohio, J. Cinc. Soc. Nat. Hist. 20: 199-230. 1904; (2) List of medicinal plants... Cincinnati, ib. 20: 231-234. 1904.

Aikin, John (1747-1822), British (Leicester-born) physician and naturalist; studied medicine in London and Edinburgh, practising in various places, M.D. Leiden 1784, practising in Yarmouth 1784-1792, removed to London 1797, abandoned his medical profession for health reasons 1797, retired to Stoke Newington (London). (*Aikin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 23; BB p. 3; BM 1: 1, 21; CSP 1: 28; Desmond p. 4 (b. 15 Jan 1747, d. 7 Dec 1827, further biogr. refs.); DNB 1: 185-186; Jackson p. 244; PR ed. 1: 106; Rehder 1: 393; Tucker 1: 31.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 5.36. 1980.

Britten, J., J. Bot. 42: 294. 1904.

Dallman, A.A. and M.H. Wood, Trans. Liverpool Bot. Soc. 1: 56. 1909 (biogr. info., b. Kilworth Harcourt, Leicester 15 Jan 1747, d. Stoke Newington (London), Middlesex 7 Dec 1822).

Fox, R.H., Dr. John Fothergill 131, 135, 154. 1919.

Freeman, R.B., Brit. nat. hist. books 1495-1900. 26. 1980.

Horwood, A.R. and C.W.F. Noel, Fl. Leicestershire cxviii. 1933.

Lisney, A.A., Bibl. Brit. Lepidopt. 1688-1799, p. 214-221 (portr., bibl.)

Walter, J.H.F., Trans. Norfolk Norwich naturalists Soc. 9(5): 685-687. 1914.

EPONYMY: *Aikinia* Wallich 1832 was named after Arthur Aikin (1773-1854), British chemist. This name was a later synonym of *Ratzeburgia* Kunth. – Robert Brown gave then the name *Aikinia* to another plant for John Aikin on 15 Aug 1832, see ING 1: 43.

18.975. *The woodland companion*: or a brief description of British trees. With some account of their uses... compiled by the author of Evenings at home ... London (Printed for J. Johnson, ...by Taylor and Wilks,...). 1802. Oct. (*Woodland comp.*).

Ed. 1: 1802, p. [i-iv], [1]-92, *pl. 1-28. Copies*: L, MO. – Published anonymously except that the “advertisement” on p. [iii] is signed “J.A.”. Later editions identified.

Ed. 2: 1815, p. [i-iv], [1]-92, *pl. 1-28. Copies*: MO, NY. – “Second edition, corrected”.

Ed. 3: 1820, p. [i-iv], [1]-92, *pl. 1-28. Copy*: HH.

Aikin, William Edward Augustin (1807-1888), American botanist and chemist, studied at the Rensselaer Institute, lic. N.Y. State Med. Soc. and hon. M.D. Vermont Academy of medicine, in Baltimore from 1832 in various capacities at the University of Maryland, professor of chemistry 1837-1883, emeritus professor 1883-1888, L.L.D. 1843. (*W. Aikin*).

HERBARIUM and TYPES: PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 23 (b. 1807, Troy, N.Y.; d. 30 Mai 1888, Baltimore); ME 3: 527; PR 76, ed. 1: 107; Rehder 1: 318, 517.

BIOFILE: Baillon, H.E., Dict. bot. 1: 78. 1876.

Mears, J.A., Proc. Acad. Nat. Sci. Philadelphia 133: 143. 1981 (coll. at PH).

Pennell, F.W. and J.H. Barnhart, Monogr. Acad. Nat. Sci. Philadelphia 1: 599. 1935 (coll. at PH).

18.976. *Catalogue of phaenogamous plants and ferns or naturalized near Baltimore, Maryland ...* [Baltimore (printed by John D. Toy) 1837]. Oct. (*Cat. phaen. pl. Baltimore*).

Publ.: 1837 (read 16 Mar 1837), in Trans. Maryland Academy of Sciences and Literature 1: 55-91. 1837. No reprint seen.

Ainslie, James Robert (1889-x), British forester, B.Sc. Oxford, Dipl. For. Oxford, chief conservator of forests, Nigeria. (*Ainslie*).

AINSLIE

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 24; BL 1: 49.

18.977. Imperial Forestry Institute. University of Oxford. Institute Paper. No. 7. *A list of plants used in native medicine in Nigeria ...* Oxford 1937. (mimeogr. on quarto paper). (*List pl. native med. Nigeria*).

Publ.: 1937, cover-t.p., p. [i-ii], [1]-92, [1]-9, [1]-7, [9]. *Copies*: BR, MO; IDC 1055.

Ainslie, [Sir] Whitelaw (1767-1836), British physician and medical botanist, M.D. Leiden 1786, knighted 1837, surgeon in the East Indian Company 1788-1815, asst. surgeon until ca. 1789, garrison surgeon Chingleput, India ca. 1789, surgeon Ganjam 1794, superintending surgeon 1810, id. Madras army, southern div. 1814. (*W. Ainslie*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 24 (b. 17 Feb 1767, d. 29 Apr 1836); BB p. 3; BM 1: 21; Desmond p. 5; DNB 1: 1690; Jackson p. 386; Plesch p. 123-124; PR 77, ed. 1: 108; Rehder 5(index): 7; Sotheby no. 5.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 81-82. 1876.

EPONYMY: *Ainsliaea* A.P. de Candolle (1838), *Ainsliea* O.Kuntze (1891), see ING 1: 43.

18.978. *Materia medica of Hindoostan*, and artisan's and agriculturist's nomenclature, ... Madras (printed at the Government Press) 1813. Qu. (*Mat. med. Hindoostan*).

Publ.: 1813, p. [i*-v*], [i]-ii, [i**-ii**], [1]-301, i-xlvi. *Copy*: NY.

18.979. *Materia indica*; or, some account of those articles which are employed by the Hindoos, and other eastern nations, in their medicine, arts, and agriculture; comprising also formulae, with practical observations, names of diseases in various eastern languages, and a copious list of oriental books immediately connected with general science, & c. & c.... London (printed for Longman, Rees, Orme, Brown, and Green, ...) 1826. 2 vols. Oct. (in halvesheets). (*Materia ind.*).

1: 1826, p. [iii]-xxiv, [1]-654.

2: 1826, p. [i]-xxxix, [1]-604.

Copies: G, NY, U; IDC 918.

Note: For an earlier treatment see above, *Mat. med. Hindoostan* 1813.

Airy Shaw, Herbert Kenneth (1902-1985), British botanist, studied at Cambridge 1921-1924, at first reading classics, but later studying biology, B.A. 1924, volunteer botanist at the Royal Botanic Gardens, Kew 1925-1929, appointed to a salaried post 1929, principal scientific officer 1948, resigned 1952, again active at Kew 1958-1985. (*Airy Shaw*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 266; BFM 2362; BL 1: 104, 2: 269; Hortus 3: 1187; IH 2: 29, 242, 306; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Airy Shaw, H.K., Curriculum vitae, undated, type-script at L.

Anon., *Flora males*. Bull. 6: 158. 1950, 14: 625. 1959, 18: 978. 1963, 20: 1241. 1965, 35: 3713-3714. 1982; Kew Bull. 1936: 189 (appointed Botanist at K, Apr 1936).

Bullock, A.A., *Taxon* 1: 133-134. 1952 (resignation from the Kew staff; portr.).

Kent, D.H., *Brit. herb.* 77. 1957 (A's herb. Alderney at K).

Radcliffe-Smith, A. and R.M. Harley, *Taxon* 35: 218-220. 1986 (detailed obit., b. 7 Apr 1902, d. 19 Aug 1985); Kew Bull. 42(1): 3-21. 1987 (biogr. sketch, portr., bibl.).

Riddelsdell, H.J., *Fl. Gloucester* clxi. 1948.

Stafleu, F.A. ed., Taxon, see numerous entries as listed by R.M. Lowden, Taxon, Index vols. 1-30. 1985.

Verdcourt, B., Entom. Mon. Mag. 122: 255-257. 1986 (obit., portr., bibl.).

Wit, H.C.D. de, Fl. males. 1(4): cxxviii, cxlvi. 1949 (portr.).

COMPOSITE WORKS: Revised and edited J.C. Willis, *Man. dict. fl. pl.* ed. 7, 29 Dec 1966, see TL-2/17.814. "The author has been driven by a desire to innovate" [C.G.G.J. van Steenis].

EPONYMY: *Airantha* Brummitt (1968), see R.K. Brummitt, Kew Bull. 22(3): 375-376. 1968.

18.980. *On the correct name of three European species of Cirsium ...* Sonderabdruck aus Fedde, Repertorium ... 1938. Oct.

Publ.: 15 Apr 1938 (reprint so dated), p. 198/302-211/315. *Copy*: B. – Reprinted and to be cited from Repert. Sp. nov. 43: 302-315. 1938.

Aisslinger, Hans (fl. 1907), German botanist, Dr. phil. Zürich 1907. (*Aisslinger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 24.

18.981. *Beiträge zur Kenntnis wenig bekannter Pflanzenfasern.* Inaugural-Dissertation zur Erlangung der Philosophischen Doktorwürde vorgelegt der hohen philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Zürich-Selnau (Buchdruckerei Gebr. Leemann & Co. "Verlag der Academia") 1907. Oct. (*Pfl.-Fasern*).

Publ.: 1907, cover-t.p., p. [iii]-vi, [1]-135, *pl.1-2* (uncol.). *Copies*: B-S, G.

* **Aitchison, James Edward Tierney** (1836-1898), British botanist and physician, M.D. and L.R.C.P. Edinburgh 1856, entered the service of the East India Company, first as assistant surgeon in the Bengal Medical Service 1858, ultimately as brigade surgeon until 1888; collected in India 1861-1872, Ireland 1867-1869, Afghanistan 1879-1885. (*Aitch.*)

HERBARIUM and TYPES: K (largest set). – Further material in B, BM, BP, CAL, CGE, DD, E, FI(Webb), HH, KW, LE, MANCH, P, PH, S. – Botanical mss. at K, see also Bridson 269.37.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 738; Barnhart 1: 24; BB p. 3; BM 1: 21; Bossert p. 5; CSP 7: 16, 9: 21, 13: 42; IH 1 (ed. 6): 355, 2: 29; Jackson 389; Kew 1: 28; LS 780; TL-2/1: 24-25.

BIOFILE: Anon., J. Bot. 36: 463. 1898 (brief obit.); Nat. Nov. 20: 564. 1898 (notice of death); Kew Bull. 1898: 310-311 (obit., details on his collections and explorations); Bot. Not. 1899: 48; The manuscript papers of British scientists 1600-1940: p. 2 (no.9). 1982.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.37. 1980.

Britten, J. and G.S. Boulger, J. Bot. 41: 343. 1903 (obit.).

Jackson, B.D., Kew Bull. 1901: 2 (list of collections rd.).

Kent, D.H., Index locat. herb. Brit. vasc. pl. 39. 1957 (herb. material at K).

Koeie, M. Symb. Afgh. 1: 7-8. 1954 (survey of A's Afgh. colls.: 800, Jun-Jul 1885).

Masters, M.T., Gard. Chron. 1898(2): 274 (obit. note).

Murray, G., Hist. Coll. Nat. Hist. Depts. Brit. Mus. 1: 129. 1904 (lists herb. material at BM).

Rix, M., The art of the botanist 199. 1981.

Rutherford Hill, J., Trans. Proc. Bot. Soc. Edinburgh 21: 224-229. Dec 1898 (obit.).

Stewart, R.R., Pakistan J. For. 17: 339. 1967 (on coll. in Pakistan).

18.982. *A catalogue of the plants of the Punjab and Sindh ...* 1869, TL-2/70. – Also available on microfiche IDC 1052.

18.983. *The botany of the Afghan delimitation commission ...* London (printed for the Linnean Society ...) 1888. Qu. (*Bot. Afghan delimit. comm.*).

Publ.: Apr 1888 (cover-t.p. so dated; *Bot. Jahrb.* 25 Apr 1890), cover-t.p., p. [1]-139, *pl. 1-48* (uncol. liths. by M. Smith), maps 1-2. *Copies*: G, MO (incompl.), U. – Issued as *Trans. Linn. Soc., Bot.* 3(1). 1888.

Ref.: Franchet, A., *Bull. Soc. bot. France* 35(Bibl.): 190-191. 1888 (rev.).

18.984. *Notes on the products of Western Afghanistan and of North-Eastern Persia ...* Edinburgh (printed by Neill and Company) 1890. Oct. (in 4-5). (*Notes prod. W. Afghanistan*).

Publ.: 1890, cover-t.p., p. [i], [1]-228. *Copies*: G, NY. – Also issued in *Trans. bot. Soc. Edinburgh* 18: 1-228. 1890 (but volume 18 as a whole published in 1891).

* **Aiton, William** (1731-1793), British (Scottish-born) gardener and botanist, came to England 1754, employed at Chelsea as market gardener, superintendent of the Kew Botanical Gardens (“Gardener to his Majesty”) 1759-1793, became acquainted with Sir Joseph Banks 1764. (*Aiton*).

HERBARIUM and TYPES: see TL-2/1: 25. – D.A. Allan (1935) mentions “Aiton” specimens at LIV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 24 (d. 1 Feb 1793 at Kew); BB p. 3; BM 1: 22; Bossert p. 5; Bret. p. 188; Dawson p. 9; Desmond p. 5; DNB 1: 207; Dryander 3: 95; DSB 1: 88-89 (G. Taylor); DU 5; Frank 3 (Anh.): 4; GF p. 47; Henrey 3: 4, no. 413; Hortus 3: 1187; HU 2(1): cvii-cviii (W.T. Stearn), cxix; IF p. 675; IH 2: 29; Jackson p. 412; Kew 1: 28; KR p. 144 (Dryander), 656-657 (Solander); Langman p. 70; Lasègue p. 178, 323; Moebius p. 421; MW p. 3; NI 9; Plesch p. 124; PR 78, 124, ed. 1: 109; Rehder 1: 53; RS p. 72-73; SK 4: clxvi; Sotheby no. 6; TL-1: 4; TL-2/ see indexes 1-7; Tucker 1: 31; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Allan, M., *The Hookers of Kew* 109. 1967.

Allen, D.A., *Handbook and guide to the herbarium collections in the Public Museums Liverpool* 65. 1935 (A. specimens at LIV).

Anon., *Kew Bull.* 1910(8): 306-308 (the tomb of W. Aiton in Kew Churchyard; additional details on his biography).

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Fournier, E., *in* H.E. Baillon, *Dict. bot.* 1: 83. 1876.

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 Maberley, D.J., *Taxon* 29(5-6): 599-602. 1980 (Salisbury's review of W. Aiton, *Hort. kew.* 1789); *Jupiter botanicus* 39, 143, 182. 1985.
 Milner, J.D., *Cat. portr. Kew* 2. 1906
 Murray, G., *Hist. Coll. Nat. Hist. Depts. Brit. Mus.* 1: 129. 1904 (types in Banksian herb., mss. descriptions), see also B.D. Woodward, *id.* 1: 23, 25. 1904 on plates *Hort. kew.*
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 Thiselton-Dyer, W.T., *Kew Bull.* 1891(60): 298-299. (biogr. details; A. "was engaged by the Dowager Princess to establish at Kew a Botanic, or as it was then called, a Physic Garden. John Haverfield was the chief gardener").

* **Aiton, William Townsend** (1766-1849), British gardener and botanist, son of W. Aiton, went to schools at Chiswick and Camberwell, from 1782 with his father at Kew learning gardening and botany, succeeded his father in charge of Kew Gardens, appointed "His Majesty's gardener" at Kew and Richmond 1796, also in charge of laying out gardens in Brighton, in London (Buckingham palace), Windsor, sometime "by Royal warrant Director-general of all Royal Gardens and Plantations", later in charge only of the "Botanic Garden and Pleasure grounds at Kew" until 1841. (*W.T. Aiton*).

HERBARIUM and TYPES: See under W. Aiton TL-2/1: 25. Most of the types of the *Hortus kewensis* ed.2 are at BM (mainly via J. Banks and R. Brown). – Library and herbarium sold by Foster & Son, London 4 Sep 1851 (Desmond). – See also M.T. Stieber et al. (1981). – For a mss. "Descriptiones Liliorum et Palmarum" by C. Linnaeus f. at LINN see Linné fil., TL-2/3: 112 (sub COMPOSITE WORKS).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 342; Barnhart 1: 26; BB p. 3; BM 1: 22; Bossert p. 5; Bret. p. 191, 250; Dawson p. 9-12 (Banks corr.); Desmond p. 5; DNB 1: 208; DSB 1: 89-90; Henrey 414, 415-416; *Hortus* 3: 1187; HU 2: 582 (index), no. 747; IH 2: 29; Jackson p. 412; Kew 1: 28; Langman p. 70; MW p. 3; NI p. 2; Plesch p. 124; PR 79, ed. 1: 110; Rehder 1: 53, 5 (index); 8; RS p. 72; SK 1: clxvi; SO 755c; TL-2/1-6 indexes; Tucker 1: 31; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Allan, M., *The Hookers of Kew* 88, 96, 109, 140, 151, 187. 1967.
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- Gilbert, L., *The Royal Botanic Gardens Sydney* 28, 36, 50, 193. s.d.
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- Healey, B.J., *The plant hunters* 92, 156, 158. s.d.
- Hornschuch, C.T., *Flora* 7(2): 445-446. 1824 (on theft of plants at Kew; W.T. Aiton in court but declared not guilty).
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COMPOSITE WORKS: F.A. Bauer, *Delin. exot. pl. Kew* has on the t.p. "published by W.T. Aiton" (see TL-2/363). Aiton did not contribute any text to this work, see G. Meynell, *Arch. nat. Hist.* 11: 217 (note 9). 1983.

18.985. *An epitome of the second edition of Hortus kewensis*, for the use of practical gardeners; to which is added, a selection of esculent vegetables and fruits cultivated in the Royal Gardens at Kew... London (printed for Longman, Hurst, Rees, Orme, and Brown, Paternoster Row) 1814. Oct. (in half sheets). (*Epitome ed.2 Hort. kew.*).

Issue (1): 1814, p. [i-iv], 1-330, [1-46], n.v., *Copy*: at K, fide Henrey no. 415.

Issue (2): Apr 1814 (p. [iii]: Mar 1814), p. [i]-xv, [xvi], [1]-376. *Copies*: B-S, BM (fide Henrey), G, NY, WU. – See Henrey no. 416.

Ref.: Britten, J., *J. Bot.* 50 (suppl.3): 13-15. 1902 (details on the two issues).

Akiyama, Shigeo (1906-x), Japanese botanist at the Botanical Institute, Faculty of Science, Hokkaido University, Sapporo, specialist in *Carex*. (*Akiyama*).

HERBARIUM and TYPES: SAPS; further material at K, NY, TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 26; IH 1 (ed.7) 264 (coll.), 2: 29; Roon p. 10.

BIOFILE: Akiyama, Shigeo, mss. questionnaire for mt. div. spec. pl. taxon (in files TL-2) 1957 (b. 1 Feb 1906).

NOTE: Outside our period: *Carices of the Far Eastern region of Asia*, Sapporo, 2 vols. (text 257 p., pl. 1-248). 1955, see Taxon 5: 19. 1956.

18.985A. *Conspectus Caricum japonicarum*. A general view of Japanese Carices including those from Saghalien, the Kuriles, Hokkaido, Honshiu, Shikoku, Kiushiu and the Riukius, with special reference to utricles in female flowers ... Sapporo, Japan. (Reprinted from the Journal of the Faculty of Science, The Hokkaido Imperial University) 1932. Oct. (*Consp. Caric. japon.*).

Publ.: Oct 1932 (on cover-t.p.), p. [1]-266, pl. 1-2 (uncol. phot.). *Copy*: L. – Issued as J. Fac. Sci., Hokkaido ser. 5. 2(1). 1932.

18.986. *Notes on some Japanese Carices* ... Tokyo 1933. Oct.

1. 25 Dec 1933 (date on cover-t.p.), cover-t.p., p. [536]-539. *Copy*: B. – Reprinted and to be cited from J. Jap. Bot. 9(8): 536-539. 1933.

2. 25 Mai 1934 (id.), cover-t.p., p. 61 [actually (329)]-333. *Copy*: B. – Id. 10(5): 329-333. 1934.

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18.987. *Carices of Taisetsuzan Mts.* ... Reprinted from "Biogeographica" ... 1935. Oct.

Publ.: Dec 1935 (cover-t.p.), cover-t.p., p. [49]-53. *Copy*: B. – Reprinted and to be cited from Biogeographica 1(1): 49-53. 1935.

18.988. *Nuntia ad Caricum japonicarum* ... Reprinted from the Transactions of the Sapporo Natural History Society ... 1935. Oct.

Publ.: 1935, cover-t.p., p. [107]-110. *Copy*: B. – Reprinted and to be cited from Trans. Sapporo Nat. Hist. Soc. 14(2): 107-110. 1935.

Albert, Abel (1836-1909), French botanist and school-teacher, sometime bookseller (incl. photography) at Saint-Tropez, teacher in the Dept. Var 1863-1879, from 1880 id. at La Farlède (Solliès-Toucas) (Var), working on the French mediterranean flora. (*A. Albert*).

HERBARIUM and TYPES: TLON. – Further material at DBN, G(50).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 27; BL 2: 207, 209; BM 1: 23; Rehder 1: 416, 2: 198; Tucker 1: 32.

BIOFILE: Anon., Bot. Not. 1909: 224 (d. 30 Jul, Farlède); Nat. Nov. 1909: 464 (d. 30 Jul 1909). Cavillier, F., Boissiera 5: 7. 1941 (brief acct. publ., b. 14 Aug 1836, d. 30 Jul 1909).

Dörfler, I., Botaniker-Adressbuch ed. 1. 49. 1896, ed.3. 90. 1909.

Jahandiez, É., Monde des Plantes 11: 46-47. 1909 (biogr. note).

Jahandiez, É. and A. Reynier, Bull. Soc. bot. France 56(7): 450-453. 2 Dec 1909 (obit., b. 14 Aug 1836 at Villard-Saint-Chaffrey, Hautes Alpes; d. 30 Jul 1909 at La Farlède, Var).

Prillieux, Éd., Bull. Soc. bot. France 56(7): 439. 8 Oct 1909 (d.).

COMPOSITE WORKS: Collaborator of E. Huet du Pavillon in the latter's *Cat. pl. Provence* 1889, see TL-2/3125.

18.989. *Botanique du Var*, plantes nouvelles ou rares ... Draguignan (Imprimerie de C. et A. Latal, ...) 1884. Oct. (*Bot. Var*).

Publ.: Jul 1885 (Nat. Nov. Aug (2) 1885; Bot. Centralbl. 17-21 Aug 1885; Bot. Zeit. 25 Sep 1885; J. Bot. Oct 1885; Bot. Jahrb. 10 Aug 1886), cover-t.p., p. [1]-82. *Copies*: G, HH, NY. – Reprinted or preprinted from Bull. Soc. Ét. Sci. archéol. Draguignan 1884: 211-290.

18.990. *Catalogue des plantes vasculaires qui croissent naturellement dans le Département du Var ...* Paris (Librairie des Sciences naturelles Paul Klincksieck...) 1908. Oct. (in 4-5). (*Cat. pl. vasc. Var.*)

Co-author: Émile Jahandiez (1876-1938), see TL-2/2: 417.

Publ.: Jul-early Nov 1908 (p. xliv: 21 Mai 1908; Nat. Nov. Nov (2). 1908; Bot. Centralbl. 12 Jan 1909; Bull. Soc. bot. France 15 Jan 1909 (rev. by A. Reynier)), p. [i*, iii*], [i]-xliv, [1]-613, [614-615], *pl. 1-16* (uncol. phot.), map. *Copies:* B (without map), Barneby, L, MO, NY. – For further details see BL 2: 207.

Albert, Federico (fl. 1909), Chilean botanist, ornithologist and silviculturist, sometime in charge of the Seccion de Aguas; Bosques del Ministerio de Industria, Santiago de Chile. (*F. Albert*).

HERBARIUM and TYPES: SGO, further material at MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 28; IH 2: 30; Tucker 1: 32.

BIOFILE: Castellanos, A. and R.A. Perez-Moreau, Lilloa 7: 125. 1941 (bibl. Argent. bot.)

* **Alberti, Antonio** (1785-1861), Italian physician and botanist at Milano.

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 28 (b. 19 Apr 1785, d. 6 Apr 1861); BM 1: 24; LS 759; NI 10-11; PR 82-83, ed. 1: 114-115; Rehder 3: 56; Saccardo 1: 12; TL-2/1: 26-27.

BIOFILE: Baillon, H.E., Dict. bot. 1: 86. 1876.

18.991. *Del modo di conoscere i funghi mangerecci e distinguerli dai sospetti o velenosi ...* Milano (Dai Tipi di Claudio Michele Destefanis) 1829. Qu. (*Modo conosc. fung. mang.*).

Publ.: 1829, p. [1]-94, [1-3, index], *pl. 1-34* (copper engr., col.). *Copies:* HH, Stevenson.

* **Albertini, Johann Baptist von** (1769-1831), German (Neuwied, Rheinland) Moravian brother and mycologist; early education at Niesky (Sachsen) and Barby 1782-1788, teacher at Niesky 1788-1789, id. at the Moravian "Pädagogium" at Niesky (1789), id. Barby 1789-1796, at the Niesky Seminary 1796-1804, from 1804-1810 as inspector and pastor, pastor at Gnadenberg 1814-1818, Gnadenfrei 1818-1821, to Berthelsdorf nr. Herrnhut 1821, from 1824 head of the entire Moravian church. (*Albertini*).

HERBARIUM and TYPES: PH (holotypes in herb. Schweinitz).

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 216-217; Barnhart 1: 28 (b. 17 Feb 1769, Neuwied; d. 6 Dec 1831, nr. Herrnhut); BM 1: 24; Bossert p. 6; Frank 3(Anh.): 4; GR p. 1; Kew 1: 30; LS 796; PR 88, ed 1: 127; TL-2/1: 27, see also 8316, 11.488.

BIOFILE: Ainsworth, G.C., Intr. hist. mycol. 255, 259, 263, 283, 313. 1976.

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Cohn, F.J., *Krypt.-Fl. Schlesien* 1: 30-31. 1876.

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Futak, J. and K. Domin, *Bibl. k. fl. ČSR* 28. 1960 (bibl.).

Hamilton, *Trans. Moravian hist. Soc.* 6: 341, 343-347. 1900 (portr.).

Harshberger, J.W.G., *Bot. Philadelphia* 128. 1899.

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Mears, J.A., *Proc. Acad. Nat. Sci. Philadelphia* 133: 143. 1981 (holotypes at PH).

Meyer, G., in *Neue deutsche Biogr.* 1: 142-143. 1953 (general info., further biogr. refs.).

Raab, H., *Schweiz. Z. Pilzk.* 49(12): 154, 158. 1971 (brief biogr. not.).

- Rogers, D.P., letter 8 Apr 1977 to F.A.S. (info on "Nisko").
 Schade, A., *Natura lusatica* 5: 34. 1961 (mentions a mss. *Fungi nieskienses*).
 Seidel, M., *Z. Pilzk.* 2(10-12): 221-225. 1923 (impt. biogr. account), 16(4): 97. 1932 (died 100 yrs. ago).
 Wimmer, F., *Fl. v. Schlesien* 150. 1844.

NOTE 1: The town referred to "in agro niskiensi" is Niesky (Oberlausitz, north of Herrnhut, Germany).

NOTE 2: A manuscript *Flora neovidensis* is present at Neuwied near Koblenz, a second seat of the Moravian brothers in Germany (info. H. Sleumer); a mss. *Fungi niskiensis* is mentioned by A. Schade (1961).

NOTE 3: TL-2/75, *Consp. fung. lusat.* 1805; a facsimile reprint mentioned in the literature (e.g. *Taxon* 26: 256. 1977) was announced but not published.

Albo, Giacomo (1872-?), Italian botanist and biochemist, sometime connected as professor at the R. Istituto tecnico Messina, ultimately active in his private Laboratorio di Biochemica vegetale, Villa Albo, Modica, Sicilia; mainly interested in microbiochemistry and the Sicilian flora. (*Albo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 528 (b. 29 Mar 1872, Grimaldi, Calabria); Saccardo 2: 8.

BIOFILE: Albo, G., private communication to F. Verdoorn, in TL-2 files.

18.992. *La vita delle piante vascolari nella Sicilia meridionale-orientale. Parte II: Flora ... Ragusa* (Tip. Salvatore Piccitto). Oct. (*Vita piante Sicilia, Flora*).
Publ.: 1919 (p. vi: Mai 1919), cover-t.p., p. [i]-vi, [1]-308, [309]. *Copy*: BR.

* **Alboff, Nicolas Michailowitch** (1866-1897), Russian botanist; studied at the universities of Moscow, St. Pétersbourg and Odessa, travelled in the Caucasus and Lazistan 1889-1892, worked at the Herbarium Boissier, Genève, identifying his material 1893-1894, collected for Barbey-Boissier in the Caucasus Mai-Oct 1893, again the Caucasus 1894-1895, at the Museum of Natural History at La Plata, Argentina 1895-1897, collected at Tierra del Fuego. (*Alboff*).

HERBARIUM and TYPES: LP. – Further material at B, BP, CORD, G, JE, K, LE, LP, SI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 29 (b. 15 Oct 1866, d. 6 Dec 1897); BL 1: 254; BM 1: 25; Bossert p. 6; CSP 13: 52; Hortus 3 : 1187; IH 1 (ed.6): 355, 2: 30; Kew 1: 31; Rehder 1: 347, 368, 370, 5(index): 9; TL-2/1: 27-28; Tucker 1: 32; Urban-Berl. p. 324; Zander ed. 10, p. 627, ed. 11, p. 712.

BIOFILE: Anon., *Bot. Jahrb.* 18 (Beibl. 44): 42. 1894 (A. returned to Genève from Caucasus).
 Autran, E., *Bull. Herb. Boissier ser. 1.6*: 81-84. 1898 (personal recollections); *Anal. Mus. La Plata, Bot. 1* (pref., portr.), i-iv [biogr.], v-vi [bibl.]. 1902.

Briquet, J., *Biogr. bot. Genève, in Ber. Schweiz. bot. Ges.* 50a: 2-4. 1940 (biogr., bibl., b. 15 Oct 1866 at Parolowo (Gvt. Nijni-Novgorod), d. 6 Dec 1897, La Plata, Argentina).

Burkart, A., *Darwiniana* 2: 128. 1928 (coll. Arg. at SI).

Bush, N.A., *Bull. Jard. Bot. St. Pétersbourg* 7: 173-174. 1907 (Russian, German summary, on e.g. A's coll. at LE).

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Lipschitz, S.V., *Fl. URSS font. nos* 1285-1288, 1329. 1975.

Lipschitz, S.V. and I.T. Vasilzenko, *Central Herb. U.S.S.R.* 88. 1968 (handwriting sample).

Moore, D.M., *Fl. Tierra del Fuego* 7, 8, 9. 1983.

Parodi, L.R., *Bol. Soc. Arg. Bot.* 9: 4, 20, 56. 1961.

Radde, G., *Grundzüge Pfl.-Verbr. Kaukasusländ.* 9, 11-12. 1899 (18 titles of publ. on Caucasus); *Botanik, in his Die Sammlungen des kaukasischen Museums* 2. [pl. with portr.]. 1901.

Reiche, H., *Grundz. Pfl.-Verbr. Chile (Veg. Erde)* 8) 28. 1907.

Schuster, C. and W. Schweitz, *Generalreg. Bot. Jahrb.* 2(31-56): 2. 1938 (list of reviews of A's publ.).

Witrock, V.B., *Acta Horti Berg.* 3(2): 173. 1903, 3(3): 64, 187. 1905 (portr.).

18.993. *Deux genres nouveaux pour la flore du Caucase (Rhamphicarpa et Dioscorea) ... Acta Horti Petropolitani ...* 1893. Oct.

Publ.: 11-31 Jan 1893 (in journal; p. 443: 10 Jan 1893), p. [1]-11. *Copies*: B-S, G. – Reprinted and to be cited from *Acta Horti Petrop.* 12(9): 433-464. 1893. – In Russian.

18.994. *Contributions à la flore de la Transcaucasie ...* Genève (Imprimerie Romet, ...) 1893. Oct.

Publ.: Mai 1893 (in journal), cover-t.p., p. [1]-32, *pl.* 9-12 (uncol. liths. Alboff & Cuisin). *Copies*: G, NY. – Reprinted and to be cited from *Bull. Herb. Boissier* 1(5): 237-268, *pl.* 9-12. 1893.

18.995. *Énumération des plantes recueillies dans le vilayet de Trébizonde en 1891 ... Acta Horti Petropolitani ...* 1893. Oct.

Publ.: 1893, p. [1]-[14]. *Copy*: B (photocopy of separate). – Reprinted and to be cited from *Acta Horti Petrop.* 13(8): 109[=3]-120[=14]. 1893; p. [i] is t.p. reprint. – In Russian.

18.996. *Nouvelles contributions à la flore de la Transcaucasie ...* [Bull. Herb. Boissier. 1894-1895]. Oct.

1: Feb 1894 (in journal), p. [1]-5. – Issued as and to be cited from *Bull. Herb. Boissier* 2(2): 114-118. 1894. – *Campanulae novae Caucasicae*.

2: Apr 1894 (in journal), p. [1]-12, 2 *pl.* (uncol. liths.). – Id. 2(4): 247-258. 1894. – *Quelques plantes nouvelles du Caucase*.

3: Jun 1894 (in journal), p. [1]-8. – Id. 2(7): 448-455. 1894. – Id. Suite.

4: Oct 1894 (in journal), p. [1]-3. – Id. 2(10): 639-641. 1894. – Id. Suite.

5: Mar 1895 (in journal), p. [1]-8. – Id. 3(3): 89-96. 1895. – Id. Suite.

[6]: Mai 1895 (in journal), p. [1]-12. – Id. 3(5): 228-239. 1895. – *Une nouvelle Campanule remarquable*.

Copies: B, G, L, NY, U.

18.997. *Rapport préliminaire sur une Excursion botanique dans la Sierra Ventana ...* La Plata (Talleres de publicaciones del Museo) 1895. Qu.

Publ.: 1895, p. [1]-7. *Copy*: G. – Reprinted and to be cited from *Revista Mus. La Plata* 7: 181-185. 1895.

18.998. *La flore alpine des calcaires de la Transcaucasie occidentale ...* [Bull. Herb. Boissier ... 1895]. Oct.

Publ.: Oct 1895 (in journal), cover-t.p., p. [1]-27. *Copies*: B, G (with cover-t.p.: the reprint), NY, U. – Reprinted and to be cited from *Bull. Herb. Boissier* 3(10): 512-538. 1895.

18.999. *La nature de la Transcaucasie occidentale* [Bull. Assoc. protection pl. ... 1895]. Oct. Publ.: 1895, p. [1]-7. Copy: G. – Reprint (not identified in print) from Bull. Ass. protect. pl. 13: 64-70. 1895.

19.000. *Dans les coins perdus du Caucase* (Souvenirs d'un voyage au Caucase fait en 1894 ... Genève (Imprimerie W. Kündig & fils) 1896. Oct. (*Coins perdus Caucase*). Publ.: Early 1896 (as reprint), p. [1]-34, 1 pl. Copy: G. – Reprint of a Supplément à l'Écho des Alpes, Dec 1895 (n.v.).

19.001. *Les forêts de la Transcaucasie occidentale* ... Bulletin de l'Herbier Boissier ... 1896. Oct. Publ.: Feb 1896 (in journal; Nat. Nov. Mar (2) 1896), p. [1]-17. Copies: B, G, L, NY, U. – Issued as and to be cited from Bull. Herb. Boissier 4(2): 61-77. 1896.

19.002. Contributions à la flore de la Terre de Feu ... 1-2. La Plata (Talleres de Publicaciones del Museo [de la Plata]) 1896. Oct.

1 (Obs. vég. canal Beagle): Sep-Dec 1896 (p. 6: 25 Aug 1896; Bot. Centralbl. 24 Mar 1897, Nat. Nov. Jun (2) 1897), p. [1]-32, pl. [1-4]. – Reprinted from Revista Mus. La Plata 7 (n.v.). Copies: G(2), MO, NY.

2 (Énum. pl. canal Beagle): Oct-Dec 1896 (Bot Centralbl. 24 Mar 1897, Nat. Nov. Jun (2) 1897, p. 5: 1 Oct 1896), p. [1]-48, pl. 0, 1-7. – Id. 7 (n.v.). Copies: G(2), MO.

Note: Text in 2: [41]-48 contains *Cyperaceae et Gramineae* by Fr. Kurtz; these pages also reprinted with independent pagination [1]-8, at MO. – For Fritz Kurtz see TL-2/2: 705-707.

19.003. *La naturaleza en la Tierra del Fuego* ... La Plata (Talleres de publicaciones del Museo [de La Plata]) 1896. Oct. (*Naturaleza Tierra d. Fuego*).

Publ.: Sep-Dec 1896 (lecture delivered 6 Sep 1896), cover-t.p., p. [1]-16. Copy: G. – Published in the series Lecturas publicas, Museo de la Plata, no. 1, [read:] 6 Sep 1896.

19.004. *Essai de flore raisonnée de la Terre de Feu*. La Plata 1897, see TL-2/77.

Publ.: 1902 (ÖBZ Jul 1903; Bot. Centralbl. 24 Mar 1903). Further copy: L.

Ref.: Pilger, R., Bot. Jahrb. 33 (Lit.): 36-37. 8 Dec 1903 (review).

Alcenius, Otto Alfred (1838-1913), Finnish botanist; teacher at Åbo and Vasa, moved to Helsinki, in 1897 employed by the Historiska Museum. (*Alcenius*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 30 (d. 20 Jan 1913); BFM p. 272; BL 2: 622; Collander p. 21; Jackson p. 328; Rehder 1: 362; Saelan p. 4-5; TR 11.

BIOFILE: Anon., Bot. Not. 1913: 95 (death notice, d. 20 Jan 1913, Helsinki, 75 yrs. old); Medd. Soc. Fauna Fl. Fenn. 39: 187-188. 1913.

Elfvig, F., Acta Fauna Fl. Fenn. 50: 217. 1921 (brief obit. not.).

Frodin, D.G., Guide standard floras world 576. 1984.

19.005. *Finlands karlväxter*. Ordnade i ett naturligt system ... Helsingfors (J. Simelii Arfvingers Truckeri) 1863. Oct. (*Finl. karlväxt.*).

Publ.: 1863, p. [i]-xxxii, [1]-204. Copy: NY.

Ed. 4: 1907, p. [i]-xxiv, [1]-339. Copy: WU. – Helsingfors (Söderström & C:o) 1907. Oct.

Ed. 8: 1931 (preface Sep 1930), p. [1]-428. Copy: NY. – Revised by Åke Nordström.

Ed. 10: 1945, p. [1]-428. Copy: B.Peterson. – Finlands Kärnväxter de vilt växande och allmännast odlade ... Helsingfors (Söderström & C:o) [1945].

Ed. 12: 1953, p. [1]-428. Copy: U. – Finlands Kärnväxter de vilt växande och allmännast odlade ... Helsingfors (Söderström & C:o) [1953].

Ed. 13: 1958, p. [1]-428. Copy: G.

Alcock, Randal Hibbert (1833-1885), British botanist, cottonspinner, of Bury, Lancaster till 1882, retired to Disbury 1882-1885, founder and president of the Bury Natural History Society. (*Alcock*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 31; BL 2: 250; BM 1: 26; Desmond p. 6; Jackson p. 9; Rehder 1: 76, 5(index): xxi; SO 2753b; Tucker 1: 32.

BIOFILE: Anon., J. Bot. 24: 160. 1886 (obit.); Proc. Linn. Soc., London 1886: 137. [in Oct 1886 issue].

Coats, A.M., The plants hunters, 70, 71, 72, 73. 1969.

Dallmann, A.A. and M.H. Wood, Trans. Liverpool Bot. Soc. 1: 57. 1909 (b. Gatley Cheshire, 21 Jul 1833; d. Didsbury, Lancaster 9 Nov 1885).

19.006. *Botanical names for English readers ...* London (L. Reeve & Co., ...) 1876. Oct. (*Bot. names Engl. read.*).

Ed. 1: 1876 (J. Bot. Apr 1876), p. [i]-xviii, [xix], [1]-236. *Copy:* NY.

Ed. 2: Apr 1884 (Nat. Nov. Mai (1) 1884; Bot. Zeit. 30 Mai 1884), p. [i]-xviii, [xix], [1]-236.

Copy: MO. – *Botanical names for English readers ...* [quotation Lindley], (John Heywood, ...) London 1884.

Ref.: Trimen, H., J. Bot. 14: 158-159. 1876 (rev.).

* **Alderwerelt van Rosenburgh, Cornelis Rogier Willem Karel** (1863-1936), Dutch botanist (pteridologist), officer (ultimately captain) in the Dutch East Indian army (KNIL) 1885-1904, retired on account of deafness, assistant at the Herbarium of Buitenzorg (Bogor, BO), 1905-1908, curator and acting assistant 1910-1922. (*Alderw.*).

HERBARIUM and TYPES: BO; further material in B (extant), correspondence with J.H. Barnhart at NY, with F. Verdoorn in archives FAS).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 15; Barnhart 1: 31 (b. 23 Dec 1863, Kedong Kebo, Java); BJI 2: 2 (refs. to reviews); IF suppl.(1): 75, suppl. (2): 34, (suppl.3): 201; IH 2: 30; JW 2: 184, 3: 341; SK 1: 11 (coll., lit., portr.), 4: cliv, 72, 75, 108, 5: cclii; TL-2/1: 28; Tucker 1: 33; Urban-Berl. p. 318; Zander ed. 10, p. 627, 708-709, 727, ed. 11, p. 713.

BIOFILE: Anon., Java – Bode, Woensdag 18 Mar 1936 (cutting L).

Backer, C.A., Bull. Jard. bot. Buitenzorg ser.3. 14(1): 1-3. Dec 1936 (in memoriam, bibl.; second given name "Rugier").

Frodin, D.G., Guide standard floras world 576. 1984 (nos. 910-930).

Kalkman, C. and P. Smit, eds., Blumea 25(1): 104. 1979.

Sirks, M.J., Indisch Natuuronderzoek 212. 1915.

Verdoorn, F.C., Chron. bot. 3: 203. 1937 (obit. not., portr., d. 2 Mar 1936 The Hague).

HANDWRITING: Steenis-Kruseman, M.J. van, Fl. males. ser.1.1: xlvi. 1950.

19.007. *New or interesting Malayan ferns* 1-12, 1908-1923. Oct.

I: Aug 1908 (text dated Jul 1908, Bot. Jahrb., Lit. 29 Dec 1908, footnote to no. 2: first part publ. Aug 1908), cover-t.p., p. [i, t.p.], [1]-27, *pl. 1-8* (uncol. with text). *Copy:* L, U. – Issued as Bull. Dépt. Agric. Ind. néerl. 18: 1-27, *pl. 1-8*. 1908. *Review:* Peter, A., Bot. Zeit. 2(67): 91. 1 Apr 1909.

2: Sep 1908 (in journal), p. [i, iii], [1]-9, *pl. 1-4* (uncol. with text). *Copies:* G, L, U. – *Id.* 21: 1-9, *pl. 1-4*. 1908. [Erratum p. [1], s.d.].

3: Aug 1911 (in journal; Nat. Nov. Jan (2) 1912), p. [i-ii], [1]-29, *pl. 1-4* (uncol. with text). *Copies:* G, L, U. – *Id.* ser. 2. 1: 1-29, *pl. 1-4*. 1911. Also in Bull. Jard. bot. Buitenzorg ser. 2. 1: 1-29, *pl. 1-4*. 1911.

- 4: Aug 1912 (date on t.p., p. 1 mss. dated Dec 1911, Nat. Nov. Oct 1914 [sic]), p. [i, reprint t.p.], [1]-41, *pl. 1-5* (uncol. with text). *Copies*: G, L, U. – Id. ser. 2. 7: 1-41, *pl. 1-5*. 1912.
- 5: Sep 1913 (in journal, Nat. Nov. Oct 1914), p. [i], [1]-38, *pl. 1-6* (uncol. with text). *Copies*: G, L, U. – Id. ser. 2. 11: 1-38, *pl. 1-6*. 1913.
- 6: Jul 1914 (in journal, Nat. Nov. Jan 1915, Bot. Centralbl. 9 Feb 1915, rev.), cover-t.p., p. [i], [1]-60, *pl. 1-10* (uncol.). *Copies*: G, L, U. – Id. ser. 2. 16: 1-60, *pl. 1-10*. 1914.
- 7: Dec 1915 (in journal, Nat. Nov. Sep 1916, Bot. Centralbl. rev. 138(3): 40. 16 Jul 1918), cover-t.p., p. [i, t.p.], [1]-28, [29], *pl. 1-4* (uncol.). *Copies*: G, L, U. – Id. ser. 2. 20: 1-29, *pl. 1-4*. 1915.
- 8: Dec 1916 (in journal), cover-t.p., p. [1]-27, *pl. 1-4* (uncol.). *Copies*: G, L, U. – Id. ser. 2. 23: 1-27, *pl. 1-4*. 1916.
- 9: Feb 1917 (in journal), cover-t.p., p. [1]-8. *Copies*: L, U. – Id. ser. 2. 24: 1-8. 1917.
- 10: Oct 1918 (in journal), cover-t.p., p. [i], [1]-66, *pl. 1-10* (uncol.). *Copies*: L, U. – Id. ser. 2. 28: 1-66, *pl. 1-10*. 1916.
- 11: Sep 1920, Id. ser. 3. 3: 129-186. 1920 (no reprint seen).
- 12: Dec 1922 (date on cover-t.p.), cover-t.p., p. [179]-240. *Copies*: L, U. – Id. ser. 3. 5(3): 179-240. 1922.

19.008. *Malayan ferns*, see TL-2/78.

- Publ.*: late 1908 or Jan 1909, date on wrapper 1909; Nat. Nov. Apr (1) 1909; ÖBZ rd. Mar-Apr 1909; Bot. Centralbl. 8. Jun 1909; Hedwigia Beibl. 49(2): (86). 6 Oct 1909 (received); detailed review E. de Wildeman, Bot. Centralbl. 10 Aug 1909; Bull. Soc. bot. France rd. on séance 25 Jun 1909.
- Correcting sheet*: Jul-Oct 1909. 9 p., Batavia Landsdrukkerij. – Mentioned as received by Bot. Centralbl. 22 Mar 1910; the text itself is dated Jun 1909.

19.009. *Malayan fern allies*, 1915, see TL-2/79.

- Publ.*: 1915 (preface Jul 1914; review by L. Diels, Bot. Jahrb. 54: 25-26. 1916, id. Hedwigia 58(1): (33)-(34), (68), 8 Jul 1916.
- Facsimile reprint*: 1985, p. [i]-xiv, 1-261, [263, corr. etc.]. *Copy*: MO. – Published by International Book Distributors ... Dehra Dun ... India 1985.

19.010. *New or noteworthy Malayan Araceae* [1-3] ... Weltevreden (N.V. Boekhandel Visser & Co.) 1920-1922. Oct.

- 1: Jan-Mai 1920 (rd. 26 Jun 1920 at L), cover-t.p., p. [359]-389. Issued as Bull. Jard. bot., Buitenzorg 1(5). 1920.
- 2: Feb 1922 (date on cover-t.p.), cover-t.p., p. [163]-229, *pl. 2-3* (in text). – Id., 4(1). 1922.
- 3: Apr 1922 (date on cover-t.p.), cover-t.p., p. [320]-347, *pl. 16* (in text). – Id., 4(2). 1922. *Copies*: L, U.

19.011. *Pteridophyta* ... Nova Guinea. XIV. Botanique ... [1924]. Qu.

- Publ.*: Early 1924 (printed Mai 1923; livraison in series has a cover dated 1924), p. [1]-72, 7 *pl.* *Copy*: NY, U. – Issued as Nova Guinea 14(1): 1-72, 7 *pl.* 1924.

* **Alefeld, Friedrich (Georg Christoph)** (1820-1872), German botanist, educated at Gymnasia in Worms and Darmstadt, at the Landesuniversität Giessen studying medicine 1839-1840, id. at Heidelberg 1840-1842, took his doctor's degree (Dr. med.) at Giessen 23 Sep 1843, physician at the Julius hospital Würzburg 1843-1844, medical state examination Mai 1844 in Darmstadt, settled in Nieder-Modau nr. Darmstadt practising medicine 1844-1847, id. in Ober-Ramstadt nr. Darmstadt 1847-1872. (*Alefeld*).

HERBARIUM and TYPES: B (p.p. destroyed; Viceae rd. 1861).

MAJOR STUDY: J. Helm, 100 Jahre Kulturpflanzen-Taxonomie, Kulturpflanze 12: 75-92. 1964 (b. 21 Oct 1820, Gräfenhausen nr. Darmstadt, d. 28 Apr 1872, Ober-Ramstadt nr. Darmstadt, handwriting sample, biobibliography listing 93 publ.).

NAME: Alefeld was sometimes called "Lechdringhausen", a name also used occasionally by himself from 1863 on, exclusively in some of his publications, viz. his *Phytobalneologie* 1863, *Bienen-Flora* ed. 2. 1863 and also on the t.p. of the *Landwirtschaftliche Flora*: "... beschrieben von Dr. Friedrich Alefeld gen. [genannt, called] Lechdringhausen" (see J. Helm, *Kulturpflanze* 12: 77, footnote 1. 1964.).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 678; Barnhart 1: 32; BM 1: 27; CSP 1: 40-41, 7: 19; De Toni 2: vi; Frank 3(Anh.): 4; Hortus 3: 1187; IH 2: 30; Kew 1: 32; Langman p. 73; MW p. 73; MW suppl. p. 4; PR 95-96; Rehder 5 (index): 9; RS p. 72; TL-1: 4; TL-2/1: 29; TL-2/5: C.H. Schultz (epon.); Urban-Berl. p. 324; Zander ed. 10, p. 627, ed. 11, p. 713.

BIOFILE: Alefeld, F.G.C., *Bonplandia* 10: 177-180. 1862 ("Ueber den Honigthau"). Anon., *Bot. Zeit.* 21: 376. 1863 (apptd. member Naturf. Ges. Halle); *ÖBZ* 22: 340. 1872 (d. 28 Apr 1872 from pneumonia). Helm, J., *Kulturpfl.* 12: 75-92. 1964 (major study), 14: 441-445. 1966 (letter to Bentham, handwriting; sent copy of *Landw. Fl.* to Bentham "vor einigen Tagen" 10 Mai 1866; facsimile of letter). Schlechtendal, D.F.L. von, *Bot. Zeit.* 24: 189-191. 14 Sep 1866 (*Landw. Fl.* publ.). Stafleu, F.A., *Taxon* 16(1): 57. 1967 (rev. facs. ed. *Landw. Fl.*).

HANDWRITING: in J. Helm, *Kulturpflanze* 12: 78. 1964.

19.012. *Die Bienenflora Deutschlands und der Schweiz, ...* Darmstadt (In commission bei G.W. Kuchler) 1856. Oct. (*Bienenfl.*).

Ed. 1: 1856, n.v.

Ed. 2: 1863, p. [i, t.p.], [1]-170, [i]-v, [vi, err.]. *Copy:* B-S. "... bearbeitet von Dr. Friedrich Alefeld, gen. [called] Lechdringhausen..." Neuwied (Verlag der J.H. Heufer'schen Buchhandlung) 1863. Oct.

Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 17: 310. 9 Sep 1859 (review of ed. 1).

19.013. *Landwirtschaftliche Flora ...* see TL-2/81.

Publ.: 1-7 Mai 1866 (see Helm, J. 1966 (note 1); *ÖBZ* 1 Nov 1866; *Flora* 29 Jun 1867).

Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 24: 289-290. 14 Sep 1866 (rev.); Stafleu, F.A., *Taxon* 16: 57. 1967 (review of facs. ed., Koeltz 1966).

19.014. *Bipontinia*, eine neue Pflanzengattung, ... [Jahresbericht Pollichia ... 1866]. Oct.

Publ.: 1866, p. [121]-124. *Copy:* B. – Reprinted and to be cited from Jahresber. Pollichia 22-24: 121-124. 1866.

* **Alexander, Edward Johnston** (1901-1985), American botanist, studied at North Carolina State University 1919-1923, worked as a Museum intern at the New York Botanical Garden, assistant to J.K. Small 1926, assistant curator 1928-1932, id. and curator of the local herbarium 1932-1947, associate curator 1928-1943, curator 1943-1963. (*Alexander*).

HERBARIUM and TYPES: NY (e.g. Southern Appalachian Expedition Aug-Oct 1933 with T.H. Everett and S.D. Pearson), further material at DUKE, TEX, WVA. – Manuscripts at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 33 (b. 31 Jul 1901, Asheville, N.C.); Bossert p. 6; IH 2: 30, 908; Kew 1: 33; Langman p. 74; Lenley p. 3; MW p. 4; MW suppl. p. 4; NAF ser. 2. 2: 150. 1955; Rehder 1: 481, 5 (index): 9; TL-2/1: 29-30, see also 12.148, see E.E. Sherff; Zander ed. 10, p. 627, ed. 11, p. 713.

BIOFILE: Anon., *J. New York Bot. Gard.* 48: 167. 1947; *Newsletter Connecticut Bot. Soc.* 13(3): 11. 1985 (obit. not., d. 18 Aug 1985).

Barneby, R.C., *Taxon* 35: 934. 1986 (obit.).

COMPOSITE WORKS: (1) With E.E. Sherff, *N. Amer. Fl. ser. 2. 2: 1-149*. 9 Dec 1955 (Compositae p.p.), 19(1): 51-60. 27 Nov 1937 (Pontederiaceae).

(2) *Iridaceae* and *Violaceae*, in H.A. Gleason, *New Britton and Brown Illustrated Flora* 1952.

(3) with C.H. Woodward, *The flora of the Unicorn tapestries* 1941.

Alexopoulos, Constantine John (1907-1986), American mycologist, received his grade school education in Athens, Greece, began his highschool education also in Athens, returned to Chicago 1919, at Lane Technical Highschool 1919-1923, studied at the University of Illinois 1923-1928, M.S. 1928, Dr.phil. 1932, scholar in horticulture ib. 1927-1928, research assistant in mycology 1928-1929, assistant in botany 1929-1930 and 1932-1934, instructor in botany 1934-1935, instructor in biology Kent State University, Ohio 1935, assistant professor ib. 1936, associate professor 1940, assistant professor Michigan State University 1947, 1951 full professor, professor of botany Iowa 1956, at the University of Texas as professor of botany 1962, acting chairman of the Department of Botany 1964-1965, retired 1977. (*Alexopoulos*).

HERBARIUM and TYPES: ISC, ILLS, KE, MICH, MSC, NY, TEX.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 35 (b. 17 Mar 1907); GR p. 201 (b. 17 Mar Chicago, Ill.); IH 2: 31, 114; Roon p. 10.

BIOFILE: Anon., *Taxon* 33: 162. 1984 (William E. Weston Award... Mycology), 35: 934. 1986 (obit. not., d. 15 Mai 1986, Austin, Texas); *Pl. Sci. Bull.* 32(3): 3. Jun 1986 (obit. not.).

Franke, R.G., *Proc. Iowa Acad. Sci.* 81(1): 1. 1974 (obit., portr.).

Rogers, D.P., *Brief hist. mycol. N. Amer. ed. 2.* 77. 1981.

FESTSCHRIFT: *Proc. Iowa Acad. Sci.* 81, 1974 (introd. and biogr. note by R.G. Franke).

NOTE: Outside our period e.g. (1) with H.C. Bold, *Algae and Fungi*, New York 1967, 135 p.

19.015. *A comparative study of certain pycnidial fungi from Vitis ...* An abstract of a thesis submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in botany in the graduate school of the University of Illinois, 1932 ... Urbana, Illinois 1932. Oct. (*Comp. study pycnid. fungi*).

Publ.: 1932, cover-t.p., p. [1]-12. *Copy*: B. – On p. 12 a “vita”.

Alix, [“*Sieur*”] (fl. 1819), French horticulturist in Lyon. (*Alix*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 36; PR ed. 1: 149; Rehder 1: 57.

19.016. *Catalogue des arbres, arbustes, et autres plantes, de serre-chaude, d’orangerie, et de pleine terre, cultivés dans les jardins et pépinières du Sieur Alix, fleuriste et pépiniériste aux Grandes-Terres, près les postes de Trion, à Saint-Just, ...à Lyon (de l’imprimerie de J.B. Kindelem, ...)* 1819. Oct. (*Cat. arbr.*).

Publ.: 1819, p. [1]-46. *Copy*: G. – For further editions see Rehder 1: 57.

* **Allamand, Jean Frédéric François Louis** (1735, 1736 (baptized) - c. 1803), Swiss physician, Dr. med. Leiden 1749, correspondent of Linnaeus, in Suriname 1755-1770, making various expeditions ca. 1759-1760, went to Essequibo, Guyana ca. 1756. (*Allam.*).

HERBARIUM and TYPES: LINN (also various mss.), letters to Linnaeus see Hulth (1916). – For his natural history cabinet left to the University of Leiden see Alg. Konst-Letterbode 1(2): 13. 1788.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 17; Barnhart 1: 36; BM 1: 29; Dawson p. 13 (letters to Banks); Dryander 3: 35; Haller 2: 604; IH 2: 31; JW 4: 372 (details on his "cabinet"); Kanitz 5: 232; KR p. 21; NNBW 1: 75; SO 2534a, 2558; TL-2/1: 30; Zander ed. 10, p. 628, ed. 11, p. 713.

BIOFILE: Aa, A.J.v.d., Biogr. woordenboek Nederlanden 1, 1852, 4, 1858.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isles 225.151. 1980.

Ek, R.C., Flora of the Guianas, suppl. ser. 1: 22. 1990 (coll.).

Fuchs, H.P., Taxon 9(2): 46. 1960 (footnote 4).

Hulth, J.M., Bref och Skrifv. Linné 2(1): 7, 96, 98, 308, 400. 1916.

Jackson B.D., J. Bot. 54: 360. 1916; Proc. Linn. Soc. 134 (suppl.): 11. 1922.

Linnaeus, C., Mantissa plantarum altera 146, 214. 1771; Vollständiges Pflanzensystem nach der 13. lateinischen Ausgabe nach Anleitung des Houttuynschen Werkes übersetzt 5: 346. 1777. (n.v.).

Markgraf, F.S. and R. Steiger, Taxon 18(4): 421-424. 1969 (b. 1735), 21: 378. 1972.

Molhuysen, P.C. and P.J. Blok, Nieuw Ned. biogr. Woordenboek 1: 76-77. 1911.

Schlunegger, E. et al., Isis 66: 86-91. 1975 (on A. and *Allamanda*).

Stafleu, F.A., Intr. A.L. Jussieu, Genera plantarum (repr.) xxxiii. 1964.

HANDWRITING: S. Savage, Cat. Linn. Herb. London 1945, fig. 63.

EPONYMY: *Allamanda* Linnaeus (1771).

Allan, Harry Howard [Barton] (1882-1957), New Zealand ecologist and plant systematist, teacher at Ashburton High School 1918-1922, D.Sc. 1923, head of Fielding Agr. College 1923-1927, systematic botanist at the Botany Division, Dept. scientific and industrial research, Christchurch 1928-1948. (*H.H. Allan*).

HERBARIUM and TYPES: CHR and WELT, duplicates at B, BM, BP, GB, K, MO, NY, UPS, UPSV, W.

MANUSCRIPTS: Letters to Annie Lorrain Smith at BM and G.E. Du Rietz at UPS (Galloway 1976).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 36 (d. 1957); BL 2: 77, 78, 79; GR p. 774, pl. [no. 42] (b. 27 Apr 1882, Nelson, d. 29 Oct 1957, Wellington, N.Z.); Hortus 3: 1187; Zander ed. 10, p. 628, ed. 11, p. 713 (b. 27 Apr 1882, d. 29 Oct 1957).

BIOFILE: Anon., Rev. bryol. lichénol. 28(3): 410. 1959 (d.); Taxon 26: 160. 1977 (A's herbarium at CHR).

Galloway, D.J., New Zealand J. Bot. 14: 225-230. 1976 (A's coll. N.Z. lichens; list of species).

Moore, L.B., Proc. R. Soc. New Zealand 87: 107-109, 110-112. 1959 (obit., bibl.); Proc. Linn. Soc. London 175: 190-191. 1964 (obit.).

Moore, L.B. and E. Edgar, Fl. New Zealand 2: [viii]. 1970 (brief biogr., b. 27 Apr 1882, Nelson, N.Z., d. 29 Oct 1957).

Skottsberg, C., Proc. R. Soc. New Zealand 87: 109-110. 1959 (in memoriam).

NOTE: Outside our period: (1) *Flora of New Zealand*, vol. 1, Wellington, N.Z., 1961, liv, 1085 p. (2) *Handbook of the naturalized flora of New Zealand*, Wellington (Government Printer) 1940, 344 p.

(3) *The botanical names of the flora of New Zealand*, (with A. Wall), Wellington (Whitcombe & Tombs Ltd.) 1945, 88 p.

19.017. Illustrations of wild hybrids in the New Zealand flora [I-VI] ... [Genetica 1925-1929]. Oct.

I: 1925 (in journal), cover, p. [287]-292. – Reprinted and to be cited from Genetica 7: 287-292. 1925.

- 2: 1926 (id.), *Genetica* 8: 369-374. 1926 (no reprint traced).
 3: 1926 (id.), cover-t.p., p. [525]-536. – Id. 8: 525-536. 1926.
 4: 1927 (id.), cover, p. [145]-156. – Id. 9: 145-156. 1927.
 5: 1927 (id.), cover-t.p., p. [499]-515. – Id. 9: 499-515. 1927.
 6: 1929 (id.), cover-t.p., p. [491]-508. – Id. 11: 491-508. 1929.
Copy: L.

19.018. *Epharmonic response* in certain New Zealand species, and its bearing on taxonomic questions ... Cambridge (at the University Press...) 1926. Oct.

Publ.: Feb 1926 (in journal), cover-t.p., p. [72]-91. *Copy*: G. – Reprinted and to be cited from *J. Ecol.* 14(1): 72-91. 1926.

19.019. *New Zealand trees and shrubs* and how to identify them... (Auckland, Christchurch...) 1928. Oct.

Publ.: Jun-Oct 1928 (p. iv: 13 Mai 1928, *Kew Bull. rev.* 10 Dec 1928), p. [i]-x, [1]-188, 2 maps on inside cover. *Copies*: L, MO.

* **Allemão [e Cysneiro], Francisco Freire** (1797-1874), Brazilian botanist, studied medicine at Rio de Janeiro and, from 1829-1832, in Paris, from then on again active in the medical field in Rio de Janeiro, again to Europe as naval physician 1843, collected plants in Rio de Janeiro, Minas Geraes, Espírito Santo, Bahia and Ceara. (*Allemão*).

HERBARIUM and TYPES: R (p.p. destroyed), duplicates at F, K, MO, NY, RFA, SP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 7 (sub Freire Allemão; b. 24 Jul 1797, d. 11 Nov 1874, both at Campo Grande nr. Rio de Janeiro); BM 2: 616-617 (sub Freire); Frank 3 (Anh.): 4; IH 2: 33; Jackson p. 372, 374; Kew 1: 38-39; PR 100-103; TL-2/1: 30, TL-2/4: sub Barbosa Rodr., J., 5: 10.108; Tucker 1: 34; Zander ed. 11, p. 713.

BIOFILE: Candolle, *Alph. de, Phytographie* 392. 1880 (coll. at Rio de Janeiro “en partie détruits par les vers”).

Castellanos, A. and R.A. Perez-Moreau, *Lilloa* 7: 465. 1941 (publ.).

Occhioni, P., *Anal. Fac. nac. Farm. Rio de Janeiro* 7: 93-222. 1972 (catalogue of the A. herbarium of 1833-1835); Leandra 3-4(4-5): 185-187. 1974 (biogr. notice, handwriting sample).

Sampaio, A.J., *Arch. Mus. nac. Rio de Janeiro* 22: 42. 1919 (1720 nos. from Ceasra in R).

Stellfeld, A., *Anal. Fac. nac. Farm. Rio de Janeiro* 9: 231-253. 1977 (biogr.).

Stellfeld, C., *Museu Paraens., Publ. Av.* 5, 1947, 19 p. (biogr.).

Urban, I., *Fl. Bras.* 1(1): 20-21. 1906.

HANDWRITING: Leandra 3-4(4-5): 187. 1974.

19.020. Combretacea. *Vicentia* (genero novo). *Acuminata* (especie nova)... [Rio de Janeiro ... 1844]. Qu. (*Vicentia acuminata*).

Publ.: 2 Nov 1844 (date of mss. on p. [3]), p. [1-3], 1 pl. (uncol. lith.). *Copy*: G. – See note under *Andradea floribunda*.

19.021. Nyctagenea genera – *Andradea*. *Especie floribunda* ... [Rio de Janeiro...1845]. Qu. (*Andradea floribunda*).

Publ.: After 8 Jul 1845 or slightly later (date of mss. on p. [2]), p. [1-2], 1 pl. (uncol. lith.). *Copy*: G.

Note: One of a set of 9 pamphlets sent by Allemão to the de Candolles at G. – These independent pamphlets are mentioned by PR in a note under no. 101; an unknown part of them were also published in *Arquivo medico brasileiro*, not seen by us. The name *Nyctagenea* is a “family” name. The name on the plate is *Andradea floribunda*. – Further information on these pamphlets were not available to us at the time of writing this note (Aug 1990).

19.022. *Apparecimento de uma collecção de desenhos do Doutor Manoel Arruda da Camara ...* Rio de Janeiro 1846. Qu. (*Appar. coll. Arruda*).

Publ.: shortly after 14 Mar 1846 (date of Allemão's introduction), p. [1]-3, *1 pl.* (uncol. lith.).

Copy: G. – Independent pamphlet.

19.023. *Iridea ...* Gen. novum. – *Poarchon*. Martius, Syst. mat. med. species. – *Fluminensis*. Velloso ... Rio de Janeiro (Typ. Brasiliense de F.M. Ferreira, ...) [1846]. Qu. (*Poarchon fluminensis*).

Publ.: Shortly after 24 Nov 1846, or early 1847 (24 Nov 1846 date of mss.). *Copy*: G. – See note under *Andradea floribunda*.

19.024. *Apocynaea... Geissospermum vellosii* (gen. nov.) ... [Rio de Janeiro] (Typographia Universal de Laemmert, ...) 1846. Qu. (*Geissospermum vellosii*).

Publ.: 1846 (imprint on p. [4]); mss. closed 18 Nov 1846), p. [1-4], *1 pl.* (uncol. lith.). *Copy*:

G. – See note under *Andradea floribunda*.

19.025. *Leguminosa. Myrocarpus* (Gen. nov.) *fastigiatus* (Sp. nov.)... Rio de Janeiro (Typographia do Archivo medico brasileiro...) 1847. Qu. (*Myrocarpus fastigiatus*).

Publ.: 26 Oct-31 Dec 1847 (mss. date and date imprint), p. [1-2], *1 pl.* (uncol. lith.). *Copy*:

G. – See note under *Andradea floribunda*.

19.026. *Euphorbiacea. Hieronima*. (Gen. nov.) *alchorneoides* (Sp. nov.) ... Rio de Janeiro (Typographia do Archivo medico brasileiro, ...) [1848]. Qu. (*Hieronima alchorneoides*).

Publ.: Shortly after 30 Apr 1848 (date of mss. on p. 2), p. [1]-2, *1 pl.* (uncol. lith.). *Copy*: G.

– See note under *Andradea floribunda*.

19.027. *Leguminosa. Myrocarpus* (Gen. nov.) *Frondosus* (Spec. nov.)... Rio de Janeiro (Na typographia do Archivo medico brasileiro, ...) 1848. Qu. (*Myrocarpus frondosus*).

Publ.: 22 Sep-31 Dec 1848 (dates of mss. and date imprint). *Copy*: G. – See note under

Andradea floribunda.

19.028. *Laurinea. Silvia* (Gen. nov.) *Navalium* (Sp. nov.) Rio de Janeiro (Typographia do Archivo medico brasileiro) [1848]. Qu. (*Silvia navalium*).

Publ.: 1848 (fide PR), p. [1-3], *1 pl.* (uncol. lith.). *Copy*: G. – See note under *Andradea*

floribunda.

19.029. *Euphorbiacea. Ophthalmoblaption* (Gen. novo) *macrophyllum* (Sp. novo). Nome vulgar Santa Luzia... [Rio de Janeiro] (Typ. do Arch. Med. Bras., ...) [1849]. Qu. (*Ophthalmoblaption macrophyllum*).

Publ.: Shortly after 28 Aug 1849 (date of mss. on p. [4]), p. [1-5], *1 pl.* (uncol. lith.). *Copy*:

G. – See note under *Andradea floribunda*. – Tucker (p. 34) mentions a copy at the Arnold Arboretum (HH).

19.030. *Exercicios botanicos* ou memorias concernentes a anatomia, e physiologia das plantas, ... Trabalhos da Sociedade Velloziana [1852]. Qu.

Publ.: 1852 (in journal, mss. closed fide p. 36: 11 Dec 1850), p. 33-36. *Copy*: G. – Reprinted and to be cited from Trabal. Soc. Velloz. Rio de Janeiro 1852: 33-36.

19.031. *Leguminosa. Gen.- Myrospermum* (Jacq.). Sp. – *Erythroxyllum* (nobis) ... Rio de Janeiro (Typographia universal ...) ... [Rio de Janeiro 1857]. Oct.

Publ.: Jul 1857 (date on cover of journal fascicle), p. [51]-58, *1 pl.* (uncol. lith.). *Copy*: G.

– In Revista braz. 1(1): 51-58, *1 pl.* 1857.

19.032. *Artocarpea. Soaresia nitida*: Oiti, sive Oiti-Cica... [Revista Brasileira ... Rio de Janeiro (Typographia universal) ... Rio de Janeiro 1857]. Oct.

Publ.: Oct 1857 (date on cover of journal fascicle), p. [210-213], 1 pl. (uncol. lith.). *Copy*: G. – *In Revista braz.* 1(2): 210-213, 1 pl. 1857.

19.033. Descrição da arvore denominado pelo vulgo *Bainha de espada* pertencente a ordem natural das Artocarpeas, e proposta como typo de um genero novo. *Acanthinophyllum*, genus novum ... [Rio de Janeiro (Typographia Universal de Laemmert) 1858]. Oct.

Publ.: Jan 1858 (date on cover of journal fascicle), cover, p. [368]-380, 1 pl. (uncol. lith.). *Copy*: G. – *In Revista braz.* 1(3): 368-380, 1 pl. 1858.

19.034. *Considerações sobre as plantas medicinaes da flora cearense...* [Rio de Janeiro (Typographia universal...) 1862]. Qu. (*Cons. pl. med. fl. cear.*).

Co-author: Manoel Freire Allemão (x – d. 14 Mar 1863).

Publ.: Dec 1862-early 1863 (p. 47: Dec 1862), cover-t.p., p. [1]-47. *Copies*: B, G.

19.035. *Trabalhos da comissão scientifica de exploração, Secção botanico.* 1 Folhete ... Rio de Janeiro (Typographia universal de Laemmert...) 1862. Qu. (*Trab. comm. sci. expl., Bot.*).

Co-author: Manoel Freire Allemão (x – d. 14 Mar 1863).

Publ.: Sep-Dec 1862 (p. 14: dated Agosto de 1862), cover-t.p., p. [1]-14, 4 pl. (uncol. liths. auct.). *Copy*: G.

19.036. *Breve noticia sobre a collecção das madeiras do Brasil* apresentada na exposição internacional de 1867... Rio de Janeiro (Typographia nacional) 1867. Qu. (*Breve not. coll. madeiras Bras.*).

Authorship: F. Freire Allemão, Custodeo Alves Serrão, Ladislaú Netto (see TL-2/3: 729-730), e J. de Saldanha da Gama (see TL-2/5: 1-2).

Publ.: 1867 (brief rev. *Bot. Zeit.* 13 Mar 1868), p. [1]-32. *Copies*: B-S, G.

Ref.: R., *Bot. Zeit.* 26: 183. 13 Mar 1868 (rev.)

Allen, [Charles] Grant [Blairfindie] (1848-1899), Canada born British popular writer, novelist and scientist, Merton College Oxford B.A. 1871, philosophy teacher at Spanish town, Jamaica 1873-1876, back to England 1876, turning to literature. (*C.G.B. Allen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 38 (b. 24 Feb 1848, d. 25 Oct 1899); BM 1: 30; Desmond p. 8 (b. Kingston, Canada, d. Hindhead, Surr.); DNB suppl. 1: 36, concise ed. p. 17; Rehder 5(index): 10.

BIOFILE: Britten, J.B., *J. Bot.* 38: 62-63. 1900 (brief obit.), see also 39: 343.

Freeman, R.B., *Brit. nat. hist. books 1495-1900.* 28-29. 1980 (9 nat. hist. titles).

19.037. *The colours of flowers* as illustrated in the British flora ... London (Macmillan and Co.) 1882. Oct. (*Col. fl.*).

Publ.: 1882 (*Bot. Zeit.* 29 Dec 1882, *Nat. Nov.* Nov (2) 1882), p. [i]-vi, [vii], [1]-119, [120].

Copies: G, U.

Other ed.: 1891 (n.v.).

Ref.: Muller, *Bot. Zeit.* 41: 181-184. 16 Mar 1883 (rev.).

19.038. *Flowers and their pedigrees* ... (New York, C.D. Appleton and Company...) 1884. Oct. (*Fl. pedigrees*).

Publ.: 1884, p. [i-viii], [1]-266, [1-2]. *Copy*: NY.

Note: *Nat. Nov.* Nov (1) 1883 mentions an issue of 1883, n.v.; also an issue dated 1886 ib. Feb (2) 1886.

* **Allen, Guy Oldfield** (1883-1963), British algologist specialized on Charophyta; studied law at Oxford; in the Indian Civil Service 1908-1933; in retirement ultimately in St. Oswald's Enton Green, Surrey, England. (*G.O. Allen*).

HERBARIUM and TYPES: BM. – See TL-2/1: 30. – Library also at BM.

BIBLIOGRAPHY and BIOGRAPHY: Roon p. 10; TL-2/1: 30-31.

BIOFILE: Hedge, I.C. and J.M. Lamond, Index coll. Edinburgh 53. 1970.

Koster, J.Th., Taxon 18: 549. 1969 (colls. at BM).

Kundu, B.C., Taxon 14: 206-207. 1965 (obit.).

Phillips, S.P., Proc. Bot. Soc. Brit. Isl. 6: 97-99. 1967 (obit., bibl.).

Ross, R., Proc. Linn. Soc. London 175(2): 187-188. 1964 (obit., d. 11 Apr 1963).

Sayre, G., Mem. New York Bot. Gard. 19(1): 59. 1969.

Wood, R.D., Rev. algol. ser. 2. 7(3): 219-222. 1964 (b. 7 Nov 1883, London; d. 11 Apr 1963, portr., bibl.; major source); Monogr. Charac. 1: 787. 1965.

19.039. *Notes on Charophytes from Gonda*, U.P. ... [From the Journal of the Bombay Natural History Society ... 1925]. Oct.

Publ.: 30 Jun 1925 (date in journal), cover-t.p., p. [589]-599, *pl. 1-5* (uncol.). *Copy*: L. – Reprinted and to be cited from J. Bombay Nat. Hist. Soc. 30(3): 589-599, *pl. 1-5*. 1925.

19.040. *Charophyte notes from Agra*, U.P. ... Madras (Madras Publishing House) 1933. Oct.

Publ.: 1933, cover-t.p., p. 17-19, *1 pl.* (uncol.). *Copy*: L. – J. Indian Bot. Soc. 12(1): 17-19. 1933.

19.041. *Charales Uruguayensis* ... [Revista Sudamericana de Botánica...] 1934. Oct.

Co-author: Wilhelm Gustav Franz [Guillermo] Herter (1884-1958), TL-2/2: 176.

Publ.: 1934, p. [87]-91. *Copy*: L. – Reprinted and to be cited from Revista Sudamer. Bot. 1(2): 87-91. 1934.

19.042. *Charophyte notes from Bareilly*... Madras (Associated Printers) 1936. Oct.

Publ.: Nov-Dec 1936 (rd. for publ. 24 Oct 1934), cover-t.p., p. 51-54. *Copy*: L. – Reprinted and to be cited from J. Indian Bot. Soc. 15(1): 51-54. 1936.

19.043. *Notes on the outer covering of Charophyte fruits*... Extracted from the Journal of Botany ... 1937. Oct.

Publ.: Jun 1937 (in journal), p. [153]-155. *Copy*: L. – Reprinted and to be cited from J. Bot. 75: 153-155. 1937.

19.044. *Notes on British Charophytes*... Extracted from The Journal of Botany ... 1938. Oct.

Publ.: Feb 1938 (in journal), p. [48]-50. *Copy*: L. – Reprinted and to be cited from J. Bot. 76: 48-50. 1938.

19.045. *The Charophyte collecting tours of Thomas Bates Blow*... Extracted from The Journal of Botany ... 1938. Oct.

Collector: Thomas Bates Blow (1854-1941), herb. material at BM, K, OXF. – See Desmond p. 71.

Publ.: Oct 1938 (in journal), p. [295]-298. *Copy*: L. – Reprinted and to be cited from J. Bot. 76: 295-298. 1938.

* **Allen, John Alpheus** (1863-1916), American bryologist, educated at New Haven, Conn., studied at Yale College, Ph.B. 1883, sometime curator of metallurgy at the National Museum, Washington, D.C., moved to California for a short time, employed as chemist in metallurgical plants in Ohio and Virginia, sometime assistant to Sereno Watson at the Gray Herbarium

until 1891, inactive due to illness 1891-1899, again working at a chemical plant at Philadelphia from 1899, later idem in Ohio, moved to Oregon 1912 because of illness. (*J.A. Allen*).

HERBARIUM and TYPES: Herbarium up to 1885 acquired by NHES, present location unknown to us. – Further material at B, HH (impt. set), LE, MICH. MIN, NY (impt. set). – *Exsiccatae:* Mosses of the Cascade Mountains, Washington (147 nos.), Cambridge 1900. – Allen collected primarily for GH (now HH) and NY.

NOTE: (1) Joseph Asaph Allen (1833-1921), American mammologist and ornithologist collected also plants during his explorations. For further details see J. and N.D. Ewan, *Biogr. dict. Rocky Mt. naturalists* ed. 2: 4. 1981.

(2) John Alpheus Allen (1863-1916) was the son of Oscar Dana Allen (son of Alpheus and Hanna Allen), see A.M.M. Reid (1987).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 39; IH 2: 32; Lenley p. 4; NW p. 39; Rehder 1: 310; TL-2/1: 31; Tucker 1: 34.

BIOFILE: Kucyniak, J., *Bryologist* 49: 128-129. 1946 (on his work on the Gaspé Peninsula in 1881).

Reid, A.M.M., *Occ. Pap. Farlow Herb.* 19: 2-3. 1987 (b. 19 Oct 1863, Hebron, Maine; d. 5 Jun 1916 by accidental drowning at Manzanita, Oreg.; info. used for our caption).

Steere, W.C., *Bot. Rev.* 43(3): 288. 1977 (further refs.).

19.046. *Notes on the natural history of portions of Dakota and Montana Territories*, being the substance of a report to the Secretary of War on the collections made by the North Pacific Railroad Expedition of 1873, Gen. D.S. Stanley, Commander. By J.A. Allen, Naturalist of the Expedition [*Proc. Boston Society of Natural History ... 1874*]. Oct.

Publ.: Oct 1874 (date on p. 33), p. 33-86, in *Proc. Boston Soc. Nat. Hist.* 17: 33-86. 1874 [t.p. journal volume 1875]. Copy of journal article NY, no reprint seen by us.

Allen, Ruth Florence (1879-1963), American phytopathologist and mycologist; studied at the University of Wisconsin, A.B. 1905, A.M. 1907, Dr. phil. 1909; assistant in botany ib. 1905, instructor in botany at Wellesley College 1914-1916, asst. prof. 1916-1918. (*R.F. Allen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 41 (b. 23 Mai 1879, Sturgeon Bas, Wis.); LS suppl. 1: nos. 193-208.

BIOFILE: Rogers, D.P., *Brief hist. mycol. N. Amer.* ed. 2. 49. 1981.

Yarwood, C.E. and M. Nebel, *Phytopathology* 54: 885. 1964 (obit., portr., d. 30 Nov 1963).

19.047. *Studies in spermatogenesis and apogamy in ferns...* Reprinted from ... *Transactions of the Wisconsin Academy of Science, ... 1911*. Oct.

Publ.: Oct 1911 (date in issue p. 56: 23 Dec 1909), cover-t.p., p. [1]-56. *Copy:* B. – Issued as *Trans. Wisc. Acad. Sci.* 17(1).

* **Allen, Timothy Field** (1837-1902), American physician and algologist, studied at Amherst College, grad. 1858, specialized at the medical department of the University of New York 1858-1861, Dr. med. 1861, assistant surgeon in the United States Army 1862-1864, from 1864 active practitioner of homeopathy, longtime dean of the New York Homeopathic Medical College and Hospital; interested in botany from 1864 onward, founder member of the Torrey Botanical Club; specializing in Algae through his connection with D.C. Eaton, terminated his botanical activity in 1901 on account of failing health. (*T.F. Allen*).

ALLEN

HERBARIUM and TYPES: NY (rd. 1901). For exsiccatae see TL-2/1: 31-32, IH 2: 32 and Sayre 1969, for a general description of the collection see Howe, 1901 (ca. 8000 specimens, 2000 microsc. slides; library also at NY). Additional location: M (in Charac. herb. Sydow).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 41; BM 1: 30; Bossert p. 8; CSP 9: 32, 12: 18, 13: 70; IH 2: 32; Jackson p. 359 ("T.G. Allen"); Kew 1: 41; Morren ed. 10, p. 118, 127; MW p. 4; NI 17; NW p. 39; TL-2/1: 31-32.

BIOFILE: Anon., New York Tribune, Ill. Suppl. 5 Mai 1900 (gift by Allen of his Characeae herbarium to NY; 40 yrs. work); *Torreya* 1(2): 24. Feb 1901 (donated Charac. coll. to NY), 2: 192. 1902 (obit. not.); *Leopoldina* 39: 84. 1903 (obit. not.).

Barnhart, J.H., in Kelly, H.A. and W.L. Burrage, Amer. med. biogr. 20-21. 1920.

Britton, N.L., Bull. Torrey bot. Club 30(3): 173-177. 8 Apr 1903 (detailed biogr. and bibl., the latter accounting for precise dates, sic; b. 24 Apr 1837, Westminster, Vt., d. New York, N.Y., 5 Dec 1902; Vice president Torrey bot. Cl. 1873-1901; "Charming associate, generous to a fault" [unusual praise by Britton]).

De Toni, G.B., Syll. alg. 1: ii-iii. 1889, 4: ii. 1897 (bibl.).

Ewan, J. et al., Short hist. bot. U.S. 78. 1969.

Hertel, H., Mitt. Bot. Staatssamml. München 26: 96. 1988 (herb. mat. in Charac. Sydow).

House, H.D., New York State Mus. Bull. 329: 207. 1942 (bibl. N.Y. State).

Howe, M.A., J. New York Bot. Gard. 2: 52-54. 1901 (Characeae, 8000, acquired by NY; brief biogr. acct., was practising physician, exsiccatae listed).

Humphrey, H.B., Makers N. Amer. bot. 3-4. 1961.

Rickett, H.W., Index Bull. Torrey Bot. Club 2. 1955 (lists all entries in BTBC).

Rusby, H.H., *Torreya* 6: 136. 1906 (on A. and TBC).

Sayre, G., Mem. New York Bot. Gard. 19: 60-61. 1969 (on exsicc., dates refs., distr.).

Stieber, M.T. et al., *Huntia* 4(1): 18. 1981 (mss. at HU).

Wood, R.D., *Farlowia* 3(3): 327-329. 1948 (dates for Charac. exsicc.); *Rev. Charac.* 793-794. 1965 (list of publ. on Charac.).

19.048. *Development of the cortex in Chara ...* Reprinted from the Bulletin of the Torrey Botanical Club for April 1882. New York. Oct.

Publ.: Apr. 1882 (in journal), cover-t.p., p. [1]-11, *pl.* 15-22 (no. 16 col.). *Copy*: NY. – Reprinted and to be cited from Bull. Torrey Bot. Club 9(4): 37-47, *pl.* 15-22. 1882.

Ref.: H. and J.G., J. Bot. 20: 349-350. Nov 1882 (rev.).

19.049. *Notes on the American species of Tolypella ...* From the Bulletin of the Torrey Botanical Club 1883. Oct.

Publ.: Nov 1883 (in journal); cover-t.p., p. [1]-8, *pl.* 37-42. *Copy*: NY. – Reprinted and to be cited from Bull. Torrey Bot. Club 10(10-11): 109-117, *pl.* 37-42. 1883.

Allen, Winfred Emory (1873-1947), American botanist, at first athletic coach and physical director 1896-1904, at various schools in Nebraska and Washington 1899-1911 teaching biology, head biology department at a high school in California 1912-1919, from 1919 on assistant professor of biology at Scripps Institution, California. (*W.E. Allen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 41 (b. 6 Jun 1873, West Newton, Indiana).

BIOFILE: Anon., Amer. men. Sci. ed. 4. 16. 1927.

Cupp, E.E., Rar. plankton diatoms W. Coast N. Amer. 209-210. 1943 (bibl.).

Diels, L. et al., eds., Int. address book botanists 430. 1931.

Hunt Inst., Biogr. dict., bot. portr. coll 8. 1972 (d. 27 Sep 1947).

Merrill, E.D., B.P. Bishop Mus. Bull. 144: 34. 1937 (Polynes. bibl.).

Prescott, G.W., *Bibl. Desmid. univ.* 9. 1984.
 Van Landingham, S.L., *Cat. Diat.* 6: 3507. 1978.

COMPOSITE WORKS: (1) See E.E. Cupp in this supplement: E.E. Cupp and W.E. Allen, *Plankton diatoms of the Gulf of California...* [2]. 1938.

19.050. *Plankton Diatoms of the Java Sea...* Leiden (E.J. Brill) 1935. Oct.
Publ.: 1935 (Nat. Nov. Feb 1936), cover-t.p., p. [101]-174, [i, "figures 1-127"], [24 p. with 127 figures, uncol.]. *Copy*: L. – Reprinted and to be cited from *Ann. Jard. bot. Buitenzorg* 44(2): 101-174. 1935.

19.051. *Plankton diatoms of the Gulf of California* obtained by the G. Allan Hancock Expedition of 1936... Los Angeles, California (The University of Southern California Press) 1937. Oct. (*Plankton diat. Gulf Calif.*).

Publ.: Mai 1937, cover-t.p., p. [i-ii], 47-59. *Copy*: U. – Issued as *The Hancock Pacific Expeditions* 3(4). 1937.

* **Allescher, Andreas** (1828-1903), German mycologist and highschool teacher, educated at a München grammar school, from 1844-1849 at the teachers college in Freising, teacher at Engedey nr. Berchtesgarden, starting a herbarium, studied at the University of München 1862, teacher at a business school ib. 1872-1898, in retirement finishing his work on imperfect fungi. (*Allesch.*).

HERBARIUM and TYPES: M (10.000 fungi). – Exsiccatae, with Johann Nepomuk Schnabl (1890-1900), *Fungi bavarici exsiccati*: B, BUC, C, FH (including "undistributed" material), HBG, KIEL, L, LE, M, NY, PC. – For a list of types of taxa described by A. see A. Bresinsky (1973), lichens coll. by A. in M, some dupl. at HBG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 41 (b. 6 Jun 1828, d. 10 Apr 1903, both München); BFM 3090; BM 1: 30, 6: 15; CSP 13: 70-71; DTS 1: 1, 3: xxxix; GR p. 1; IH 1 (ed.6): 355, 2: 32; Kew 1: 41; LS 815-840; LS suppl. 30503, 30506; NAF 9(6): 427. 1916, 7(15): 1047. 1940; Rehder 5 (index): 12; Stevenson p. 1234; TL-2/1: 33-34; TL-2/4: 8450, 5: see J.N. Schnabl.

BIOFILE: Anon., *Bot. Centralbl.* 92(21): 512. 1903 (d.); *J. Bot. Morot* 17(6/7): lxxvi. 1903 (d.); *ÖBZ* 53: 311. 1903; *Hedwigia* 42(4): (224). 1903; *Nat. Nov.* 25: 407. 1903; *Generalreg. Bot. Not.* 1839-1939. 46. 1904.

Bresinsky, A., *Mitt. Bot. Staatssamml. München* 11: 33-35. 1973 (list of types of taxa descr. by A.).
 Grumann, V., *Cat. Lich. Germ.* 59. 1963.

Hennings, P., *Hedwigia* 42 (Beibl.) (4): 163-165. Jul 1903 (obit., bibl. 22 nos., eponymy).

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 340. 1980 (lichens also at M, rd. 1971).

Schnabl, G., *Ber. Bayer. bot. Ges.* 9: 15-18. 1904 (obit., bibl. portr.); *Ber. naturw. Ver. Landshut* 17: xxxvi-xli. 1900-1903 [1904].

Sydow, P., *Ann. mycol.* 1: 258-261. 1903 (obit., bibl.).

Sydow, P. and C. Mylius, *Botaniker-Kalender* 1886: 7, 1887: 102 ("Hauptlehrer, München, Glockenstr. 10.III").

Tubeuf, C. von, [Andreas Allescher]. *München Juni 1903*, p. [i]-iii (independent); *in Rabenh. Krypt. Fl. ed. 2.* 7(1): v-viii. 1903 (obit.).

HANDWRITING: *Mitt. Bot. Staatssamml. München* 11: 35. 1973.

COMPOSITE WORKS: (1) With P. Hennings, *Pilze aus dem Umanakdistrikt, in Bot. Erg. ... Grönlandexp., Bibl. bot.* 42: 40-54. 1899.

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Publ.: 19 Oct 1895 (in journal), p. [256]-290. *Copy*: B. – Reprinted and to be cited from Hedwigia 34: 256-290. 1895.

* **Allioni, Carlo Ludovico** (1728-1804), Italian naturalist, studied medicine at the University of Torino, graduated in medicine 1747, admitted to the college of physicians ib. 1747; extraordinary professor of botany at the medical faculty of the Torino Athenaeum, ordinary professor 1763-1781, professor emeritus 1781-1804; director of the Museo di Scienze naturali of the University 1778. (*All.*).

HERBARIUM and TYPES: TO (see note in TL-2/1: 34), further material in FI, LINN, LIV, MPU, P, P-HA, P-JU, PH (from herb. Gouan).

CORRESPONDENCE: (20 vols.) in Torino Academy of Sciences (on microfiche at HU); corr. with Linnaeus at Uppsala (UB), see Th.M. Fries (1909-1912) and J.M. Hulth (1916); for letters at LINN see Savage 1945 and W.R. Dawson 1934.

NOMENCLATOR: O. Mattiolo, *Note bibliografiche Allioniane e Nomenclator allionianus*, Geneva (Tipogr. Angelo Ciminago), 1904, p. 1-82, pl. 6-7 (portr., bust), also published in Malpighia 18 (6-9): 228-292. 1904 (*in: Scritti botanici*, Genova 1904 (76 p., also in Malpighia).

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* **Allman, William** (1776-1846), Jamaica born Irish botanist and physician, M.D. Dublin 1804, practised medicine in Clonmel 1804-1809, professor of botany Dublin 1809-1844. (*Allman*).

HERBARIUM and TYPES: BM.

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* **Allorge, Pierre** (1891-1944), French botanist in Paris, studied at the Faculté des Sciences de l'Université de Paris specializing in geology, botany and zoology, at the École nationale des langues orientales, Dr. Sci.nat. (with Gaston Bonnier) 1922, assistant to Mangin at the Muséum d'Histoire naturelle, sous-directeur 1926 and, 1932, professor of cryptogamic botany, from 1936 also in charge of a laboratory of the École pratique des hautes études, travelled and collected in Europe (esp. Spain), North Africa, Azores and French Antilles. (*P. Allorge*).

HERBARIUM and TYPES: P and PC. – For exsiccatae see Valentine Allorge; further material, often collected with V. Allorge: B (Bryo.), C (Alg.), S.

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Co-author: Valentine Allorge 1888-1977 (see below).
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Co-author: R. Gaume.
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Co-author: Nathan Petter Herman Persson (1893-1978), see TL-2/4: 185.
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Co-author: Valentine ["Valia"] Allorge, née Sélitzky (1888-1977).
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* **Allorge, Valentine** ["Valia"], née Sélitzky (1888-1977), French, Russian born, bryologist, went to schools in Kharkov, moved to France before 1914, studied at Lausanne and Paris, married the botanist Charles Louis Gatin (1877-1916, fell at Douaumont), took her degree (Dr. phil.) at the Sorbonne with Gaston Bonnier, married Pierre Allorge 1920 (d. 1944), longtime editor of the *Revue bryologique* succeeding as such her husband in 1944. (V. Allorge).

HERBARIUM and TYPES: P and PC, for exsiccatae see TL-2/1: 36-37; further material in B, S.

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Allram, Raimund [Robert] (fl. 1882-1887), Bohemian botanist and highschool teacher at Krumau [Krummau, Cesky Krumlov] in Southern Bohemia. (*Allram*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Futak-Domin p. 29; Tucker 1: 34.

BIOFILE: Burgerstein, A., ÖBZ 36: 130. 1886.

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[2]: 1882, p. [i, iii], 25-61. *Copy*: B. – Idem 9, 1882.

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[4]: 1884, p. [97]-212. *Copy*: HH (n.v.). – Idem 11, 1884.

* **Alm, Carl Gustav** (1888-1962), Swedish botanist, sometime teacher at various schools in Kiruna, later in Uppsala at the Botanical Museum, from 1931 also director of the Hortus Linnaeanus, Uppsala. (*Alm*).

HERBARIUM and TYPES: UPS, duplicates in CAN, HH, M (lichens), RM, TNS, US.

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19.078. Vierte Internationale Pflanzengeographische Exkursion (I.P.E.) Sommer 1925. *Botanische Exkursionen in Torne Lappmark*. Kurzer Führer über das Gebiet von Kiruna und der Umgebung des Torneträsk ... Uppsala (Almquist & Wiksells Boktryckeri-A.-B.) 1925. Oct. (*Bot. Exkurs. Torne Lappmark*).

Co-author: Thore Christian Elias Fries (1886-1930), see TL-2/889, KR 228-229.

Publ.: Jan-Jun 1925, p. [1]-34. *Copy:* G.

19.079. *Die tropischen Arten der Gattung Erica L.* ... Stockholm (Almquist & Wiksells Boktryckeri-A.-B.) 1927. Oct. (*Trop. Erica*).

Co-author: Thore Christian Elias Fries (1886-1930), see TL-2/889.

Publ.: 1927, p. [1]-21, *pl. 1* (uncol. phot.). *Copies:* B, U; IDC 8561. – Issued as *Ark. Bot.* 21A, no. 7. 1927.

19.080. Monographie der Gattungen *Philippia* Klotzsch, *Mitrastylus* nov. gen. und *Ericinella* Klotzsch ... Stockholm (Almquist & Wiksells Boktryckeri-A.-B. [1927]). Qu. (*Philippia, Mitrastylus, Ericinella*).

Co-author: Thore Christian Elias Fries (1886-1930), see TL-2/889.

Publ.: 20 Feb-31 Mar 1927 (p. 49: 19 Feb 1927, printed), cover-t.p., p. [1, t.p., dated]-49, *pl. 1-5* (uncol. phot.). *Copies:* B, G; IDC 542 (53-55). – Issued as *K. Sv. Vet.-Akad. Handl.* ser.3. 4(4). 1927.

19.081. *Über die Verbreitung von Carex laxa Wg.* ... Helsinki (Annales Botanici Societatis zoologicae-botanicae Fennicae Vanamo) 1933. Oct. (*Verbr. Carex laxa*).

Publ.: 1933 (p. iv mss. signed Mar 1933), p. [i]-iv, [1]-34, [35]. *Copy:* U. – Issued as *Ann. bot. Soc. zool.-bot. Fennicae Vanamo* 4(2). 1933.

19.082. *Typha angustifolia L. x latifolia L.* funnen i Skåne ... Lund (Carl Bloms Boktryckeri) 1933. Oct.

Co-author: Henning Weimarck (1903-x).

Publ.: 1933, cover-t.p., p. [279]-284. *Copy:* B. – Reprinted and to be cited from *Bot. Not.* 1933: 279-284.

Almquist, Erik Gustaf (1892-1974), Swedish botanist, nephew of Ernst and Sigfrid Almquist, studied at Uppsala 1910-1917, Fil.mag. Ups. 1917, assistant ib. 1918-1919, curator of the Botanical Department of the Riksmuseum, Stockholm 1921, Dr.phil. Uppsala 1929, lector in Eskilstuna ca. 1940, later lector Uppsala, prof. title 1964. (*E. G. Almq.*)

HERBARIUM and TYPES: GB (175 specimens).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 44 (b. 14 Jan 1892); BL 2: 622 (index with numerous entries); GR p. 485; KR p. 23; SK 1: 12; TL-2/5: see G. Samuelsson.

BIOFILE: Anon., *Generalreg. Bot. Not.* 1839-1938. 2. 1939; *Vem ä vem Svealand* ed.2. 1964; *Bot. Not.* 1964: 107 (prof. title).

Fries, R.E., *Short hist. bot. Sweden* 49, 72. 1950.

Lundquist, A., *Sv. bot. Tidskr.* 75(5): 303-312. 1981 (on A. and Swedish province floras; portr. on p. 309).

S.L., *Sv. män och kvinnor* 1: 68. 1942.

COMPOSITE WORKS: (1) With E. Asplund, *Stockholmstraktens växter* ed. 2, 1937, see G. Andersson 1914, ed. 1; see also BL 2: 547 for further details.

- (2) Edited Th. Krok, *Sv. Fl. Skol.* 1883 (TL-2/3954), editions 16-25, 1920-1960.
 (3) Id. Th. Krok, *Sv. fl. skol., Krypt.* eds. 5-7, 1932-1962.
 (4) Id. Th. Krok, *Sv. skolfl.* 1957 (TL-2/3957).

19.083. *Upplands vegetation och flora.* Akademisk avhandling ... Uppsala (Almquist & Wiksells Boktryckeri-A.-B.) 1929. Qu.

Publ.: 1929 (p. ix: preface dated Mai 1929), p. [iii]-xii, [1]-622, [623-624], 430 figs., map.

Copy: U. – For notes on related publ. see BL 2: 547. – Issued as *Acta phytogeogr. succ.* 1. 1929.

19.084. *Floran inom Ångsö nationalpark ...* Stockholm (Almquist & Wiksells Boktryckeri-A.-B.) [1930]. Oct. (*Fl. Ångsö nationalpark*).

Publ.: 20 Mai-30 Jun 1930 (p. 47: printed 20 Mai 1930), cover-t.p., p. [1]-47. *Copy*: U. – Issued as *K. Sv. Vet.-Akad. Skr. naturskyddsärenden* 13. 1930.

* **Almquist, Ernst Bernhard** (1852-1946), Swedish physician and lichenologist, uncle of E.G. Almquist, brother of S.O.I. Almquist, studied medicine at Uppsala from 1870, med. kand. 1875, med.lic. Karolinska Institut in Stockholm 1881, Dr. med. 1882, town-physician at Göteborg, professor of hygiene at the Karolinska Institut 1891-1917, physician on the Vega expedition 1878-1888. (*E.B. Almq.*).

HERBARIUM and TYPES: Vega-exp. material at S (main set of all colls.); sets of lichens from the Vega exp. are also at H-Nyl (det. W. Nylander), and TUR (det. E. Vainio), most of the algae “seem to have remained at UPS” (O. Almborn 1983). Further material from the Vega exp. at M (lichens), see Hertel 1958. – *Capsella* material at B, BM, OXF, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 44 (b. 10 Aug 1852, Skogs-Tibble, Uppland); BM 1: 32, 6: 16; Bossert p. 8; CSP 9: 35, 12: 11, 13: 73; GR p. 485; IH 2: 33; Jackson p. 393; KR p. 23-24; LS 872-874, 30.520; MW p. 4; SK 1: 12; SO 896, index p. 8; TL-2/1: 37.

BIOFILE: Almborn, O., *Nord. J. Bot.* 3(2): 180. 1983 (rev. TL-2/3; note under Nordenskiöld on collectors Vega exp.).

Anon., *Bot. Not.* 1960: 303.

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 340. 1980 (lich. Vega at M).

Hertel, H. and A. Schreiber, *Mitt. Bot. Staatssamml. München* 26: 140, 166. 1988 (lichens at M).

Högrell, B., *Bot. Historia* 1: 286. 1886 (“förste stadsläkare i Göteborg”).

Hultén, E., *Fl. Kamtchatka* 1: 10. 1927 (coll. Vega at S and UPS); *Bot. Not.* 1940: 303. 1940 (on “Vega” expedition).

Hulth, J.M., *Sv. Linné-Sällsk. Årsskr.* 29: 66-67. 1946 (portr.).

Wittrock, V.B., *Acta Horti Berg.* 3(2): 28. 1903, 3(3): 2-3, 206, *pl. 110*. 1905 (portr.).

COMPOSITE WORKS: Nylander, W., *Lichenes Japonicae conscripsit*, Paris 1890, ii, 122 p., see KR p. 23, no. 3: work based on Almquist’s material. See also E.B. Almquist, *Zur Vegetation Japans*, mit besonderer Berücksichtigung der Lichenen, *Bot. Jahrb.* 14: 221-229. 5 Mai 1891.

NOTE: O. Almborn informed us that next to E.B. Almquist, lichenologist and physician on the Vega Expedition were F.R. Kjellman (vasc. pl., mosses, algae) and A. Stuxberg (zoologist who collected plants).

19.085. *Lichenologiska iakttagelser på Siberiens Nordkust ...* Öfversigt af Kongl. Vetenskap-Akademiens Förhandlingar ... 1879 [1880]. Oct.

Publ.: Apr-Mai 1880 (*Bot. Centralbl.* Mai 1880, *Nat. Nov.* Jun (1) 1880, *Bot. Zeit.* 16 Jul 1880, *Bot. Jahrb.* 12 Oct 1880), cover-t.p., p. 29-60. *Copy*: G. – Reprinted from *Öfvers. Sv. Vet.-Akad. Förhandl.* 36(9): 29-59. 1878 [i.e. 1880]. – KR no. 1.

Other printing: 1882, p. [i-vi, general], [195]-222. *Copies:* B, LD. – In A.E. v. Nordenskiöld, Vega-Exp. Vet. Iakttag. 1: 195-222. 1882.

German translation: 1883, in A.E. von Nordenskiöld, Wiss. Erg. Vega-Exp. [50]-74. 1883. – *Lichenologische Beobachtungen an der Nordküste Sibiriens.* – KR no. 1.

19.086. *Die Lichenenvegetation der Küsten des Beringmeeres ...* Ur “Vega-Expeditionens Vetenskapliga Iakttagelser” ... Stockholm 1887. Oct.

Publ.: 1887, cover-t.p., p. [509]-541. *Copy:* G. – Reprinted and to be cited from Vega-Exp. Vet. Iakttag. 4: 509-541. 1887. – KR no. 2.

19.087. *Zur Vegetation Japans, mit besonderer Berücksichtigung der Lichenen ...* [Leipzig (Wilhelm Engelmann) 1891]. Oct.

Publ.: 5 Mai 1891 (p. 221-224) and 15 Sep 1891 (p. 225-229), cover [identif.], p. [221]-229.

Copy: G. – Reprinted and to be cited from Bot. Jahrb. 14(1-2): 221-224. 5 Mai 1891, 14(3): 225-229. 15 Sep 1891.

19.088. *Studien über die Capsella Bursa pastoris (L.) ...* Stockholm (Isaac Marcus Boktr.-Aktiebolag) 1907. Qu. (*Stud. Capsella*).

1: 15 Mai-30 Jun 1907 (printed 15 Mai 1907; Nat. Nov. Aug (1) 1907), p. [1]-91, [92]. *Copies:* B, NY, U. – Issued as Acta Horti Berg. 4(6). 1907.

2: 1921, p. [41]-95. *Copy:* U. – Published and to be cited from Acta Horti Berg. 7(2): 41-95. 1921, possibly separately issued as well.

English abstract: “*Bursa Pastoris* Weber, studies by Ernst Almquist, ... with an introduction by G. Claridge Druce”, ... Suppl. Rep. Bot. Soc. Exch. Cl. Brit. Isl. 1920: cover-t.p., p. [i, h.t.], [179]-207, publ. Sep 1921, also issued separately. *Copy:* B.

19.089. *Linné und das natürliche Pflanzensystem ...* Beiblatt zu den Botanischen Jahrbüchern ... 1921. Oct. (*Linné nat. Pfl.-Syst.*).

Publ.: 1 Dec 1922 (date on p. 1), p. [1]-16. *Copy:* U. – Issued as Beibl. 128 Bot. Jahrb. 58(1): 1-16. 1921.

19.090. *Grosse Biologen, eine Geschichte der Biologie und ihrer Erforscher ...* München (J.F. Lehmanns Verlag) 1931. Oct. (*Grosse Biologen*).

Publ.: 1931 (p. 6: preface dated 1 Oct 1930), cover-t.p., p. [1]-143, pl. 1-23 (p.p. on text-pages). *Copy:* B.

* **Almquist, Sigfrid Oskar Imanuel** (1844-1923), Swedish botanist, brother of Ernst Bernhard Almquist, studied at Uppsala, fil. kand. ib. 1868, fil. dr. ib. 1869, highschool teacher at Stockholm 1870-1880, lector in natural history and chemistry at the Stockholm teachers college at Norrmalm 1880-1909, interim rector ib. 1891-1906. (*S. Almq.*).

HERBARIUM and TYPES: S, further material at C, GB, DUKE, LD, UPS, Z.

NAME: In several earlier publications the name is given as S. Almquist.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 567 (epon.); Barnhart 1: 44 (b. 15 Feb 1844, Stockholm); BL 2: 511; BM 1: 32, 6: 16-17; Bossert p. 8; CSP 9: 35, 13: 73-74; GR p. 471, pl. [37]; GR, cat. p. 60; IH 2: 33; Jackson p. 61, 332; Kew 1: 43; KR p. 24-28 (main bibl.); LS 865-871, 35.618; MW p. 4; TL-2/1: 37, TL-2/4: see L. Romell; Zander ed. 11, p. 713 (d. 18 Oct 1923).

BIOFILE: Almquist, E., Sv. bot. Tidskr. 38(4): 459-464. 1944 (obit., portr.).

Anon., Bot. Not. 1907: 230 (Linnean medal); Generalregister Bot. Not. 1839-1938: 2-3, 84. 1939.

Fries, R.E., Short hist. bot. Sweden 49, 50. 1950.

Frodin, D.G., Guide standard floras world nos. 344b, 675. 1984.

Högrel, B., Bot. Hist. 1: 282. 1886.

Svedelius, N., Sv. bot. Tidskr. 34: 187. 1940 (portr.).

Wittrock, V.B., Acta Horti Berg. 3(2): 28, pl. 13. 1903, 3(3): 3, pl. 107. 1905 (portr.).

COMPOSITE WORKS: (1) Co-author, with Th.O.B.N. Krok, *Svensk flora för skolor* eds. 1-15, 1883-1919 (TL-2/3954); *Svensk flora för skolor, Kryptogamer* eds. 1-4. 1886-1917 (TL-2/3955).

(2) *Gagea* in Th.O.B.N. Krok, C.J. och C. Hartman, *Handbok i Skandinaviens flora* ed. 12. 1889, p. 73-75; *Orchideae*, p. 82-102, *Juncaceae*, p. 112-128 (TL-2/2426).

(3) *Calamagrostis* and *Carices distigmaticae* etc., in Th. Saelan et al., Herb. mus. fenn. ed. 2.1. Helsinki (TL-2/9979).

19.091. Om de skandinaviska arterna of lafsläktena *Schismatomma*, *Opegrapha* och *Bactrospora*. Akademisk afhandling som med Vidtberömda Philosophiska Facultetens i Upsala samtycke för filosofiska gradens erhållande till offentlig granskning framställes af Sigfrid Almqvist [sic] å Botaniska lärosalen Måndagen den 24 Maj 1869, p.v.t.f.m. Upsala (Tryckt hos P. Hanselli) 1869. Oct. (*Schismatomma*, *Opegrapha* och *Bactrospora*).

Publ.: 24 Mai 1869 (date defense thesis), p. [i], [1]-26. Copies: B, G(2), GB, Peterson; IDC 6501. – KR no. 26c.

19.092. Berättelse om en resa i Jämtland sommaren 1868 ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar. 1869. Oct.

Publ.: 1869 (read 10 Mar 1869), p. 435-454. Copy: G. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 26(3): 435-454. – KR no. 32.

19.093. Berättelse om en resa i Ångermanland, Medelpad och Jämtland sommaren 1873 ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar, Stockholm 1874. Oct.

Publ.: 1874 (read 11 Mar 1874), p. 75-93. Copy: G. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 31(3): 75-93. 1874.

19.094. *Monographia Arthoniarum scandinaviae*... Stockholm (Kongl. Boktryckeriet...) 1880. Qu. (*Monogr. Arthon. scand.*).

Publ.: 3 Apr 1880 (see thesis issue below, submitted 12 Dec 1879), p. [1]-69. Copy: G. – Issued as K. Sv. Vet.-Akad. Handl. 17(6). 1880.

Thesis issue: (not seen): 3 Apr 1880 with thesis t.p. "Monographia ... Afhandl. ... jämte theses ... for ... lektorsbefattning [at h. Reallärov. å Norralm] ... 3 Apr 1880 ... Stockkolm" (id.) 1880, see KR no. 26e.

19.094a. *Studier öfver släktet Hieracium* ... Stockholm (Kongl. Boktryckeriet...) 1881. Qu. (*Stud. Hieracium*).

Publ.: 1881 (Nat. Nov. Dec (1) 1881), p. [i*, t.p.], [ii]-xxv. Copy: B. – Separately printed, also publ. in Inbjudn. t. öfvervar af årsex vid h. Reallärov. i Stockholm 1881 (n.v., KR no. 2d).

Ref.: N.L., Bot. Zeit. 39: 783. 25 Nov 1881 (rev.).

19.095. *Om blomdiagrammet hos Montia* ... [Separataftryck ur Botaniska Notiser 1884]. Oct. Publ.: 1 Nov 1884 (date of journal issue, p. 170), p. 156-161. Copy: B. – Reprinted and to be cited from Bot. Not. 1884: 156-161. – Part of a reprint from Bot. Not. 1884: 156-167, "Bot. Sällsk. Stockh. Afh." 2(4), session of 12 Mai 1884. – KR no. 11.

German translation: Jan 1885 (in journal), cover, p. [1]-11. Copy: B. – Reprinted and to be cited from Bot. Centralbl. 2(4): 91-95. 1885. – *Ueber das Blütendiagramm von Montia*. – The reprint contains the full contents of the session of the Bot. Sällsk. see above.

19.096. *Om formerna af Carex salina* Wg. ... [Reprinted from Botaniska Notiser ... 1891]. Oct.

Publ.: 15 Mai 1891 (date of issue of journal fasc.; text read 18 Mar 1891), p. [125]-128. *Copy*:

B. – Reprinted and to be cited from Bot. Not. 1891: 125-128.

German translation: Bot. Centralbl. 47: 267-269, 295-296. 1891.

19.097. *Studier öfver Bergianska Trädgårdens spontana Rosa-former* ... Stockholm (Isaac Marcus' Boktr.-Aktiebolag) 1907. Qu. (*Stud. Rosa-former*).

Publ.: 14 Mai 1907 (date of printing on p. 88; Warming rd. his copy on 7 Jun 1907 at Copenhagen, note on copy B; Nat. Nov. Aug (1) 1907), cover-t.p., p. [1. t.p.]-88, *pl. 1* (col. lith. Th. Ekblom). *Copies*: B(2), G, NY, U. – Issued as Acta Horti Berg. 4(4). 1907.

19.098. *Skandinaviska former af Rosa glauca* Vill.; Naturhistoriska Riksmuseum, Stockholm ... Arkiv för Botanik ... 1910. Oct. (*Skand. form. Rosa glauca*).

Publ.: 13 Sep 1910 (in journal vol. 10(I), printed 13 Sep 1910: p. 118; Nat. Nov. Sep (1) 1910), p. [1]-118, *pl. 1-10* (uncol phot.). *Copies*: U; IDC 8562 (70-72). – Issued as Ark. Bot. 10(3), 1910.

Additions: Ark. Bot. 10(13): 96-103. 1911, 11(11): 133-144. 1912.

19.099. *Skandinaviska former af Rosa Afzeliana* Fr., *sectio glauciformis* At. ... Arkiv för Botanik ... 1911. Oct. (*Skand. form. Rosa Afz. glaucif.*).

Publ.: 4 Oct 1911 (date of publ. journal 10(III), Nat. Nov. Sep (2) 1911 sic(!), date of printing 29 Jun 1911, distribution of single copies shortly after printing evident: see Nat. Nov.), p. [1]-105, [106]. *Copies*: G, NY, U; IDC 8562 (76). – Issued as Ark. Bot. 10(13). 1911.

19.100. *Skandinaviska former af Rosa Afzeliana* Fr. *sectio virens* och *virentiformis* ... Arkiv för Botanik ... 1912. Oct. (*Skand. form. Rosa Afz. virens*).

Publ.: 28 Jun 1912 or shortly later (p. 148: printed 28 Jun 1912), p. [1]-148. *Copies*: U; IDC 8562 (84-86). – Issued as Ark. Bot. 10(3). 1912.

Note: See KR no. 23 for further details.

19.101. *Sveriges Rosae* ... Stockholm (P. A. Nordstedt & Söners Förlag... [Stockholm (Kungl. Hofboktryckeriet Iduns Tryckeri-A.-B.) 1919]. Oct. (*Sv. Rosae*).

Publ.: 1919 (date on p. ii; Nat. Nov. Sep 1919), cover-t.p., p. [i-ii], [1]-50. *Copies*: B, GB, LD, B. Peterson. – KR no. 231. – Privately printed.

Note by O. Alborn: A revised edition of Almqvist's treatment of *Rosa* in C.A.M. Lindman, *Svensk fanerogamflora* (1918) (TL-2/4671); the original edition mentioned 205 species, the 1919 issue 225 species.

Ref.: Traaen, Carl, J. Bot. 58: 115-116. Apr 1920 (rev.).

19.102. *Rosae musei regni suecici in methodum naturalem redactae* ... Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) ... 1920. Oct. (*Rosae mus. regn. suec.*).

Publ.: 16 Jun (or somewhat later) 1920 (p. 51: printed 16 Jun 1920), cover-t.p., p. [1]-51, *pl. 1-8* (tabular data). *Copies*: B, G, NY, U. – Issued as Ark. Bot. 16(9). 1920.

19.103. *Svenska rosaflorans rekordpunkt*, Hagbacken på Yxlan i Stockholms skärgård ... Arkiv för Botanik ... 1920. Oct. (*Sv. rosaf. rekordp.*).

Publ.: 19 Mai 1920 or somewhat later (date of printing on p. 11: 19 Mai 1920; issued in vol. 16 of Ark. Bot. 14 Feb 1921; Nat. Nov. Mai 1921), p. [1]-11. *Copies*: U; IDC 8562 (130).

Alpers, Ferdinand (1841-1912), German (Preussen/Hannover) botanist and highschool teacher in Achim, rector in Zeven, docent at teachers colleges in Stade and Hannover, teaching music and natural sciences, born in Spieka, d. in Hannover, biographer of Fr. Ehrhart, correspondent of Ascherson, Graebner, Focke, Buchenau and Nöldeke. (*Alpers*).

HERBARIUM and TYPES: Left to the "Königliches Seminar" in Hannover, later at Stolzenau (Weser); Zentralstelle für Vegetationskartierung des Reiches, data from 1950, now at GOET; some material also at HAN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 45; BFM 1174; BM 1: 33; Christiansen no. A 530, B 36b, see also p. 332; CSP 9: 35, 13: 74; IH 2: 33; Jackson p. 311; Rehder 1: 387.

BIOFILE: Engelke, C., Jahresber. Niedersächs. Bot. Ver. 4-5: i-ii. 1913 (obit., b. 5 Dec 1841, d. 16 Feb 1912).

Lack, H.W. and O.v. Sydow, Willdenowia 13: 410. 1983 (letter to Dörfler at UPS-Univ.-Bibl.).
Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 9. 1936.

COMPOSITE WORKS: (1) Published ed. 6 of A. Lueben, *Anweisung zu einem methodischen Unterricht in der Pflanzenkunde*. 1879.

(2) Published *Friedrich Ehrhart*, Mitt. aus seinem Leben ... Leipzig (Engelmann) 1905, 452 p.

19.104. *Verzeichnis der Gefäßpflanzen der Landdrostei Stade* mit Einschluss des bremischen und oldenburgischen Gebietes am rechten Weserufer und des hamburgischen Amtes Ritzbüttel ... Stade (Verlag der Redaction der "Neuen Blätter" für die Volksschule. In Commission bei Fr. Schaumburg) 1875. Oct. (*Verz. Gefäßpfl. Stade*).

Publ.: 1875, cover-t.p., p. [i], [1]-116. *Copy*: L. – Reprint from the "Neuen Blätter" für die Volksschule der Herzogthümer Bremen und Verden und des Landes Hadeln.

19.105. *Beiträge zur Flora der Herzogthümer Bremen und Verden* unter besonderer Berücksichtigung der Umgegend von Stade ... [Abh. naturw. Ver. Bremen 1875]. Oct.

Publ.: Mar 1875 (date on p. 337), p. [337]-384. *Copy*: B. – Unidentified reprint from Abh. naturw. Ver. Bremen 4: 337-384. 1875.

* **Alschinger, Andreas** (1791-1864), Austrian (Bohemia-born, Budweis) botanist and high-school teacher, educated at the Gymnasium at Linz ca. 1807-1810, studied theology ca. 1810-1813, with the Fiume Academy 1818, teacher at the Gymnasium of Fiume 1820-1821, history teacher at the Zara Gymnasium 1821-1824, id. Greek and Latin 1824-1855, id. Greek at the Zara Obergymnasium 1855-1858, in retirement in Vienna from 1859, specialized on the flora of Dalmatia. (*Alschinger*).

HERBARIUM and TYPES: BASSA; further material at B (herb. zool. bot. Ges.), PAD.

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 353-354; AG 6(2): 274 (b. 20 Nov 1791, d. 10 Jan 1864); Barnhart 1: 45; BM 1: 33; Hegi 4/3: 1164, 5(2): 1080; IH 2: 33; Jackson p. 313; Kanitz p. 103-104 (no. 148); PR 116, ed. 1: 168; Rehder 1: 447, 4: 399, 431; Saccardo 1: 14, 2: 10; SO 842be; TL-2/1: 37-38; Tucker 1: 35.

BIOFILE: Anon., Bot. Zeit. 14: 895. 1856 (portr. in J. Lowy, Abb. Botanikern, Wien 1856 part 1, n.v.), 22: 40. 1864 (obit. not., d. 10 Jan 1864, Wien); Flora 47: 125. 1864 (obit. not.); ÖBZ 14: 151-154. 1884 (obit., b. 20 Nov 1791 Budweis, Bohemia; d. 10 Jan 1864, Vienna).

Beck, G., Veg.-Verh. Illyr. Länd. 7, 26. 1901 (Veg. Erde 4; note on Flora jadrensis [Zara] and its 1853 supplement).

Baillon, H.E., Dict. bot. 1: 123. 1876.

Ilg, W., Hoppea 42: 317. 1984 (member Regensb. Bot. Ges. 1843).

Scharold, H., Neue deutsche Biogr. 1: 205. 1953.

19.106. *Flora jadrensis*, TL-2/104. – Also on IDC microfiche E-8534.

* **Alston, Arthur Hugh Garfit** (1902-1958), British botanist (pteridologist), traveller and plant collector, educated at Marlborough at Lincoln College, Oxford, graduated 1924, worked at Kew with J. Hutchinson 1924-1925, systematic botanist in the Dept. Agriculture, Ceylon

in charge of the herbarium and botanical museum at the Botanic Gardens Peradeniya 1925-1930, assistant keeper herbarium British Museum (Natural History) 1930, from then on specializing in Pteridophyta, collected in Venezuela, Colombia and Panama 1938, in Indonesia 1953, as well as in S.E. Europe and N. Europe and N. Africa. (*Alston*).

HERBARIUM and TYPES: BM, collections made with Sandwith at K, further material at A, DPU (Venezuelan coll.), L, M (lich.), S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 45; BL 2: 22; Desmond p. 10; Hortus 3: 1187; IF suppl. 3: 201, suppl. 4: 311-312, 313; IH 2: 33, 819; SK 1: cxx, cxxvi, 5(4): ccliii-ccliv, 8: ix; TL-2/1: 38, TL-2/4: 8393; Zander ed. 10, p. 628, ed. 11, p. 713.

BIOFILE: Bell, P.R., Taxon 8: 83-86. 1949 (obit., portr., b. 4 Sep 1902 West Ashby, Lincolnshire, d. 17 Mar 1958, Barcelona).

Crabbe, J.A., J. Soc. Bibl. nat. Hist. 3: 383-395. 1960 (lists obituaries, main bibl., list of new taxa; further biographical data; major source), 5(3): 240-248. 1969 (additions and index to his publ.; eponymy).

Ewan, J., J. Wash. Acad. Sci. 48: 234. 1958 (postscript).

Frodin, D.G., Guide standard floras world nos. 580, 829. 1984.

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COMPOSITE WORKS: (1) *Selaginellaceae*, in A.A. Pulle et al., *Fl. Suriname* 1(1): 162-170, Jan 1938.

(2) *Lycopodiaceae*, in A.A. Pulle et al., *Fl. Suriname* 1(1): 171-175. Jan 1938.

(3) *The ferns and fern-allies of West Tropical Africa*, suppl. to Fl. W. Afr. ed.2, 1959, 89 p.

19.107. *Names published in Moon's catalogue ...* [Ann. R. Bot. Gard. Peradeniya... 1929]. Oct.

Moon's catalogue: see TL-2/6264, A. Moon, *Cat. pl. Ceylon* 1824.

Publ.: 12 Mar 1929 (in journal; Crabbe no. 6), p. 203-205. *Copy*: B. – Reprinted and to be cited from Ann. R. Bot. Gard. Peradeniya 11: 203-205. 1929 (reprint without identification of provenance).

19.108. *The flora of Maragalakande ...* [Ann. R. Bot. Gard. Peradeniya 1929]. Oct.

Publ.: 12 Mar 1929 (Crabbe no. 7), p. 207-211. *Copies*: B, U. – Reprinted (provenance not mentioned) from Ann. R. Bot. Gard. Peradeniya 11: 207-211. 1929.

19.109. *Roxburgh's Hortus Bengalensis ...* [Ann. R. Bot. Gard. Peradeniya 1930]. Oct.

Publ.: 30 Jun 1930 (in journal, Crabbe no. 9, mss. rd. 3 Apr 1929), p. 299-300. *Copy*: B. – Reprinted and to be cited from Ann. R. Bot. Gard. Peradeniya 11: 299-300. 1930. – For Roxburgh's *Hortus bengalensis* see TL-2/9721.

Note: The paper has on p. 300 also a brief note by Alston: *Inverted flowers in the Leguminosae*, ib. 11: 300. 30 Jun 1930.

19.II0. Certain ferns in *Sir James Smith's herbarium*. Manila (Bureau of printing) 1933. Oct. Publ.: Feb 1933 (date on cover reprint, Crabbe no. 25), p. [i], 175-183, pl. 1. Copies: B, U. – Reprinted and to be cited from Philipp. J. Sci. 50(2): 175-183, pl. 1. 1933.

19.III. Notes on Selaginella. iv. *A revision of Liebmann's Mexican Selaginellae ...* Extracted from the Journal of Botany, ... 1933. Oct.

Publ.: Sep 1933 (in journal; see also Crabbe no. 26), p. [239]-243. Copy: U. – Reprinted and to be cited from J. Bot. 71: 239-243. 1933.

Notes on *Selaginella* i-x, 1931-1939, a series of papers in J. Bot., for full details see Crabbe nos. 15, 16, 23, 26, 28, 29, 30, 31, 61, 62.

19.II2. Notes on Selaginella vi. *The Selaginellae* collected by Thaddeus Haenke and described by Karel Borewog Presl ... Extracted from the Journal of Botany, ... 1934. Oct.

Publ.: Aug 1934 (in journal; see also Crabbe no. 29), p. [223]-226. Copy: U. – Reprinted and to be cited from J. Bot. 72: 223-226. 1934.

19.II3. *The Philippine species of Selaginella ...* Manila (Bureau of Printing) 1935. Oct.

Publ.: Nov 1935 (in journal, Crabbe no. 38), p. [i], 359-383, pl. 1-2. Copies: B, U. – Reprinted and to be cited from Philipp. J. Sci. 58(3): 259-383, pl. 1-2. 1935.

19.II4. *The Selaginellae of the Malay Islands ...* Buitenzorg [Bogor] (Archipel Drukkerij) 1935-1940, 3 parts. Oct.

1: Dec 1935 (date on cover-t.p., Crabbe no. 39), cover-t.p., p. [432]-442. Copies: B, FAS, U. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 2. 12(3): 432-442. 1935. – I. Java and the Lesser Sunda Isl.

2: Jun 1937 (id. Crabbe no. 49), cover-t.p., p. 175-186. Copies: B(2). – Id. ser. 3. 14(2): 175-186. 1937. – II. Sumatra.

3: Dec 1940 (id., Crabbe no. 75), cover-t.p., p. 343-350. Copy: B. – Id. ser. 3. 16: 343-350. 1940. – III. Celebes and the Moluccas.

19.II5. *The Kandy Flora ...* Colombo (Printed at the Ceylon Government Press, ...) 1938. Oct. (*Kandy fl.*).

Publ.: Jan-Mar 1938 (J. Bot. Apr 1938; Crabbe no. 59; Nat. Nov. Sep 1938), cover-t.p., p. [i]-xvii, [1]-119, pl. [1-101] each with four figures numbered 1-404. Copy: L.

19.II6. *Results of two botanical expeditions to South Albania ...* Extracted from the Journal of Botany, ... 1940. Oct.

Co-author: Noel Yuri Sandwith (1901-1965), TL-2/5: 35-36.

Publ.: Mai-Oct 1940 (in journal, Crabbe no. 72), p. [119]-126 [Mai], [147]-151 [Jun], [167]-174 [Jul], [193]-199 [Aug], [219]-224 [Sep], [232]-246 [Oct]. Copy: U. – Reprinted and to be cited from J. Bot. 78: 119-126, 147-151, 167-174, 193-199, 219-224, 232-246. 1940.

19.II7. *Undescribed ferns from New Guinea ...* [Separate from Nova Guinea ... 1940]. Oct.

Nova Guinea issue: late 1940, cover, p. [109]-112, pl. 4-II (uncol. phot.). Copy: B. – Reprinted and to be cited from Nova Guinea ser. 2. 4: 109-112, pl. 4-II. (Crabbe no. 76).

Journal of Botany issue: Oct 1940, J. Bot. 78: 225-228. 1940 (Crabbe no. 74).

Alston, Charles (1685-1760), Scottish botanist and physician, studied at the University of Glasgow 1700-1703, principal servant to the Duchess of Hamilton 1706-1715, King's botanist, professor of botany and materia medica and overseer of the Royal Garden (Edinburgh) 1716-1760, at Leiden with Boerhaave 1718-1719, Dr. med. Glasgow 1719, Fellow of the Royal College of Physicians 1725, College professor at the University of Edinburgh 1738. (C. Alston).

HERBARIUM and TYPES: Unknown, manuscripts at the Royal Society, London.

BIBLIOGRAPHY and BIOGRAPHY: Backer 19 (b. 1685); Barnhart 1: 45; BB p. 5; BM 1: 33; Desmond p. 10 (b. Eddlewood, Laviarkshire 24 Oct 1683 [but see Fletcher 1970], d. 22 Nov 1760, Edinburgh); DNB 1: 346; Dryander 3: 20, 91, 101, 392; Frank 3 (Anh.): 4; Jackson p. 32, 411; PR 117-119, ed. 1: 169-171; Rehder 1: 52, 83, 523, 3: 241; SO 255, 263; Tucker 1: 35.

BIOFILE: Anon., *Comm. med. lips.* 11: 556-558. (vita, obitus et scripta Caroli Alston, n.v. fide PR 1: 356); The manuscript papers of British Scientists 1600-1940. p. 2. 1982.

Berkeley, E. and D. Smith Berkeley, Dr. John Mitchell 3, 8, 9-12, 14, 16, 21, 26-28, 30, 35. 1974; The life and travels of John Bartram 53, 157, 175. s.d.

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Haller, A. von, *Bibl. bot.* 2: 417. 1772.

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19.118. *Index plantarum praecipue officinalium, quae, in horto medico Edinburgensi, demonstrantur ...* Edinburgi; (Apud W. Sands, A. Brymer, A. Murray & J. Cochran) 1740. Oct. (*Ind. pl. hort. Edinb.*).

Publ.: 1740, p. [i]-xxv, [xxvi], [1]-66. *Copy*: NY. – SO 255, TL-2/4710. On p. 1-22: Linnaeus, *Fund. bot.*

19.119. *Index medicamentorum simplicium triplex ...* Edinburgi (Typis W. Sands, A. Murray & J. Cochran...) 1752. Oct. (*Index medicament.*).

Publ.: 1752, p. [i]-xi, [xii], [1]-172. *Copy*: NSUB.

19.120. *Tirocinium botanicum edinburgense* – Edinburgi (Typis W. Sands, ...) 1753. Oct. (*Tiron. bot. Edinb.*)

Publ.: Jan-Apr 1753 (fide Rothmaler 1944; pre-linnaean), p. [i-iv], [1]-116, [1]-120. *Copies*:

B-S, G, MO, NY. – On p. 83-116 reprint of Linnaeus, *Fund. bot.* see SO 263 and TL-2/4710.

– In fact a later edition of *Ind. pl. hort. Edinb.* 1740.

English translation: A dissertation on botany ... Translated from the Latin by a physician.

London (printed for Benj. Dod,...) 1754. Oct., p. [i]-ix, [1]-136. *Copy*: B-S. – Translation of the *Tirocinium* p. [1]-82 with some revisions and additions (fide Henry 421).

* **Alströmer, Clas** (1736-1794), Swedish merchant and naturalist, student of Linnaeus 1750-1753, 1758-1759; commissioner to the College of Commerce, Uppsala 1762-1770, travelled in Europe 1760-1762, partner in the merchandising firm of Nicklaus Sahlgren 1770, invalid ca. 1778, “friherre” 1778. (*Alstr.*).

HERBARIUM and TYPES: see TL-2/1: 38. – I. Kukkonen (in lit. 9 Jan 1978) informs us that some of the material of Alströmer came to TUR in the herbarium of Anders Dahl: “the small remains which we have today of this material is identical with the Linnaean specimens in S.” [Stockholm].

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 427; Backer p. 19; Barnhart 1: 45; Bossert p. 9; Colmeiro 1: clx; Dawson p. 16; Dryander 5: 137 [index]; Hortus 3: 1187; IH 2: 33; KR p. 29 (1 publ; b. 9 Aug 1736, Alingsås; d. 5 Mar 1794, Gåsevadsholm); Laségue p. 351, 357; PR ed. 1: 172, 173; Rehder 2: 34; SO add. 2491; TL-2/1: 38-39.

BIOFILE: Baillon, H.E., Dict. bot. 1: 125. 1876.

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Fries, R.E., Short hist. bot. Sweden 27, 36. 1950.

Fries, Th.M., Bref. Skrifv. Linné 1(2): 283, 296. 1908, 1(3): 13, 82. 1909, 1(5): 86, 281, 283. 1911, 1(6): 26, 216, 218. 1912.

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Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 11. 1922 (A. mat. in LINN).

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Nordenstam, B., Fauna Flora, Stockholm 73(3): 134-136. 1978 (portr.).

Peterson, B., Sv. bot. Tidskr. 42: 444-456. 1948 (portr.).

Rydén, S., The Banks collections Stockholm 116 [index]. 1913.

Scheutz, N.J.W., Bot. Not. 1863: 66.

Stafleu, F.A., Adanson 1: 129-130. 1963; Linnaeus and the Linnaeans 298. 1971.

Utterström, G., Sv. män kvinn. 1: 75. 1955.

Wittrock, V.B., Acta Horti Berg. 3(2): 28-29. 1903, 3(3): 3. 1905 (portr.).

HANDWRITING: S. Savage, Cat. Linn. Herb. fasc. no. 1761.

Altamirano, Fernando (1850-1908), Mexican botanist and plant collector, Dr. med. Mexico 1878; professor at the Escuela de Medicina Mexico from 1878; director of the Instituto médico nacional 1890-1908. (*Altamirano*).

HERBARIUM and TYPES: Material at F, MEXU, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 46 (d. 7 Oct 1908); BM 1: 34; IH 2: 33; Langman p. 77-79 (main bibl.); Rehder 1: 331, 3: 755, 5(index): 12; Tucker 1: 35.

BIOFILE: Knobloch, I.W., Phytologia Mem. 6: 2. 1983 (refs. to colls.)

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19.121. Leguminosas indigenas medicinales. Contribucion al estudio de la farmacología nacional. Tesis para el concurso á la plaza de catedrático adjunto al de terapéutica en la escuela de medicina, ... Mexico (Imprenta de Ignacio Escalante, ...) 1878. Qu. (*Legum. indig. med.*). *Publ.*: 1878 (p. vii: 10 Feb 1878), p. [i*,t.p.], [i]-vii, [1]-55. *Copy*: MO.

ALTEN

19.122. *Lista de nombres vulgares y botánicas de arboles y arbustos propios para repoblar los bosques de la República ... Mexico* (Oficina tipografica de la Secretaria de Fomento). 1894. Oct. (*Lista nombr. arbol. arbust.*).

Publ.: Sep-Dec 1894 (p. 17: 1 Sep 1894), cover-t.p., p. [1]-17. *Copies*: G.

* **Alten, Johann Wilhelm von** (1770-1854), German pharmacist, botanist and malacologist at Augsburg (Bayern), member of the Regensburgische Botanische Gesellschaft 1807. (*J.W. v. Alten*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 46; BM 1: 34; PR 120, ed. 1: 175; Rehder 1: 376; TL-2/1: 39.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 125. 1876.

19.123. *Augsburgische Blumenlese oder systematisches Verzeichniss der in der Gegend um Augsburg wildwachsenden Pflanzen, als Einleitung zu einer Flora von Augsburg ... Augsburg* (in der J. Wolffischen Buchhandlung) 1823. Oct. (*Augsburg. Blumenlese*).

Publ.: 1822, p. [i]-xii, [1]-215. *Copies*: G, NY.

* **Altmann, Paul** (fl. 1886-1895), German highschool teacher and botanist at Wriezen (Preussen, Brandenburg). (*P. Altmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 46; BM 1: 35; LS 884-885 (same author?); PR 120; TL-2/1: 39.

19.124. *Flora von Wriezen*. Bearbeitet von Dr. P. Altmann... [Wriezen (Druck von W. Hintze & Sohn)] 1886. Qu. (*Fl. Wriezen*).

Publ.: 1886, p. [i]*, t.p. without identification, [i-iv], [1]-25, [26]. *Copies*: B, NSUB. – Issued as part of Programm des Realgymnasiums zu Wriezen 1886.

Note on Fl. Wriezen 1895 pars 2 (see TL-2/107): Mentioned as received by *Bot. Zeit.* 1 Apr 1895; date of publ. hence Jan-Mar 1895. (*Nat. Nov.* Jul (2) 1895).

Alvthin [from 1895; earlier **Johansson**], **Nils** (1852-1905), Swedish (Skåne) botanist (lichenologist). (*Alvthin*).

HERBARIUM and TYPES: M (herb. Correns).

NOTE: Only publication under Nils Johansson: *Bidrag till Skånes flora*, *Bot. Not.* 1891: 140-141, 157-163.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 47; KR p. 29 (b. 25 Jul 1852, d. 21 Jan 1905).

BIOFILE: Anon., *Bot. Not.* 1905: 68 (obit. not.)

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 340. 1980, 26: 197. 1988 (herb. material A. in herb. Correns at M).

19.125. *Bidrag till kännedom om Skånes lafflora I-II...* Arkiv för Botanik 1904-1912. Oct. (*Bidr. Skånes laffl.*).

1: (*Laffloran i Kvistofta-dalen*): on or shortly after 23 Mai 1904 (date of printing; *Nat. Nov.* Jul (1) 1904), p. [1]-30. – Issued as *Ark. Bot.* 2(6). 1904.

2: (*Söderåsens lafflora*): on or shortly after 22 Jul 1912 (date of printing, issued in journal 3 Dec 1912), cover-t.p., p. [1]-22. – Edited by B. Kajanus (see KR p. 334-336). Issued as *Ark. bot.* 12(1). 1912. *Copies*: B, G, NY, U; IDC 8562 (12, 88).

* **Alyon, Pierre Philippe** (1746/1758-1816), French botanist and pharmacist. (*Alyon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 48; DU 7; HU 688; Jackson p. 24; NI 22; PR 122; TL-2/1: 39-40; Tucker 3: 20.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 131. 1876.

19.126. *Cours de botanique* 1787-1788, see TL-2/109; further information on copies and references: D.E. Johnson, *Huntia* 6(1): 15. 1985.

Amann, [Jean] Jules (1859-1939), Swiss bryologist, studied pharmacy at the University of Lausanne, led toward bryology by L. Farrat, pharmacist at Davos, moved to Zürich 1893 and somewhat later to Lausanne, again in charge of pharmacy, Dr. phil. Lausanne 1900, dedicated himself to his chemical and bacteriological laboratory 1903, later to cryptogamic research, Dr. Sci. 1900, Dr. h.c. 1928 (École polytechn. fédérale). (*Amann*).

HERBARIUM and TYPES: Z. – Further material in B, H, L, LAU, M, PC.

NAME: The name “J. Amann” was also used as a pseudonym of Wilhelm Sulpiz Kurz (1834-1878), see TL-2/2: 708, BB p. 5, IF p. 675, SK 1: xvi.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 48; CSP 13: 80-81; De Toni 1: iii, 4: iii; IH 2: 34; LS 891; LS suppl. 241; Nordstedt suppl. p. 3; TL-2/11.173.

BIOFILE: Amann, J., *Rev. bryol.* 14(6): 95. 1887 (requests exchange), 18(6): 93. 1891 (publ. 1890), 19(4): 64. 1892 (requests info. and mat. for his *Fl. mouss. Suisse*), 19(5): 104. 1892 (publ.), 20(3): 62. 1893 (publ.), 21(3): 45. 1894 (publ.), 22(6): 93. 1895 (publ.), 23(5): 95. 1896 (publ.), 23(6): 111. 1896 (publ.), 24(2): 30. 1897 (publ.), 27(6): 98. 1900 (publ.), 28(5): 105. 1901 (publ.), 47(4): 62. 1920 (publ.), 48(2): 30. 1921 (publ.), 48(2): 32. 1921 (exchange), 48 (5-6): 78. 1921 (publ.), 52(2): 26. 1926 (publ.), ser. 2. 1(4): 225. 1928 (publ. bryogeogr.; Dr. Sci. nat. h.c.), ser. 2. 3(1-2): 88. 1930 (publ.), ser. 2. 4(3): 147. 1931 (publ.), ser. 2. 6(1-4): 214. 1933 (publ.), ser. 2. 9(1-2): 149. 1936 (publ.).

Geissler, P., *Taxon* 30: 651-652. 1981 (on the publication date of J. Aman et al. *Flore des Mousses de la Suisse*).

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 341. 1980 (lich. at M via Nägeli), 26: 227. 1986 (mosses via August Holler).

Lamy, D., *Occ. pap. Farlow Herb.* 16: 125. 1981 (3 letters to F. Renauld at PC).

Meylan, Ch., *Rev. bryol. lichén.* 11(3-4): 137-142. 1938 (biogr., portr., bibl. mosses, d. early Feb 1939); *Act. Soc. helv. Sci. nat.* 1939: 227-232 (obit., bibl.).

Wulf, E.V., *Intr. hist. pl. geogr.* 122, 123, 135. 1943.

COMPOSITE WORKS: (1) *Flore des Mousses de la Suisse ...* Lausanne 1912 [i.e. Dec 1918]; *part 1* with C. Meylan, *part 2* with C. Meylan and P.F. Culman, see TL-2/5940. – *Index muscorum* dates both parts at 1919. *Nat. Nov.* Aug 1919 mentions only part 1 as just received, part 2 is not mentioned by *Nat. Nov.* *Part 3 (Révision et additions)*: Oct-Dec 1933 by J. Amann. – See also P. Geissler, *Taxon* 30: 651-652. 1981: date of both 31 Dec 1918. See also *Fl. mouss. Suisses* 1896 below.

19.127. *Essai d' un catalogue des mousses* du S.-O. de la Suisse avec indication des localités ... Lausanne (Imprimerie Corbaz & Comp.) 1884. Oct. (*Essai cat. mouss. Suisse*).

Publ.: late 1884 or Jan-Feb 1885 (*Bot. Centralbl.* 16-20 Mar 1885; *Bot. Zeit.* 29 Mai 1885, *Nat. Nov.* Apr (2) 1885), cover-t.p., p. [241]-287. *Copy*: B. – Reprinted and to be cited from *Bull. Soc. Vaud. Sci. nat.* 20(91): 241-287. 1884.

Supplément: Mai-Dec 1886 (Nat. Nov. Oct (1) 1887), p. [1]-12. *Copy*: B. – Id. 22(94): 145-156. 1886; followed by *Études des propriétés optiques du peristôme chez les mousses*, p. 13-17, id. 22(94): 157-161. 1886 (p. 17= 161: dated 1 Apr 1886).

19.128. *Flore des mousses suisses. Étude de la flore bryologique du Haut-Jura moyen ...* Berne (K.-J. Wyss, ...) 1896. Oct.

Co-author: Charles Meylan (1868-1941), TL-2/3: 450-451.

Publ.: 1896, cover-t.p., p. [1]-32. *Copy*: G. – Reprinted and to be cited from *Ber. schweiz. bot. Ges.* 6: 6-38. 1896.

Ref.: Anon., *Rev. bryol.* 23(5): 95. 1896 (rev.).

19.129. *Étude sur la flore du Vallon de Barberine ...* Lausanne (Imprimerie Corbaz et Cie.) 1897. Oct.

Publ.: 1897, cover-t.p., p. 278-289. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. Vaud. Sci. nat.* 32(1-2): 278-289. 1897.

19.130. *Deux cas de symbiose chez les mousses ...* [Bull. Soc. Murith. ... Sion 1900], Oct.

Publ.: 1900 (read 8 Aug 1899), p. [122]-124. *Copy*: G. – Reprinted and to be cited from *Bull. Murith.* 27/28: 122-124. 1900.

19.131. *Étude de la flore bryologique du Valais.* Thèse présentée à la Faculté des sciences de l'Université de Lausanne, pour l'obtention du titre de docteur ès sciences, ... Lausanne (Imprimerie Georges Bridel & Cie.) 1900. Oct. (*Étude fl. bryol. Valais*).

Publ.: shortly after 1 Apr 1900 (imprimatur doyen Univ. Lausanne), cover-t.p., p. [i, h.t.], [ii, Univ. imprimatur], [iii, t.p.], [v, dedic.], [1]-47 [also 73-124]. *Copies*: G, MO. – Reprinted from *Bull. Murith.* 27/28: 73-124. 1900.

19.132. *Additions à la flore des mousses de la Suisse...* [Extrait du Bulletin de la Murithienne ... 1919].

Ser. 1: 1919, cover, p. [42]-46. *Copy*: G. – Reprinted and to be cited from *Bull. Murith.* 40: 42-46. 1919.

Ser. 2: 1920 (p. 125: Mar 1920), p. [81]-125. *Copy*: G. – Id. *Bull. Soc. Vaud. Sci. nat.* 53: 81-126. 1920. "Nouvelles additions et rectifications à la flore ...".

Ser. 3: 1921 (p. 66: Jan-Mar 1921), cover-t.p., p. 33-66. *Copy*: G. – Id. 54: 33-66. 1921.

Ser. 4: 1923, p. 128-153, *pl.* [1-3]. *Copies*: G, U. – Id. 55(212): 125-153, *pl.* [1-3] (uncol.). 1923.

Ser. 5: 30 Aug 1928 (date on cover reprint), p. [i], [25]-64. *Copies*: G, U. – Id. *Mém. Soc. Vaud. Sci. nat.* 2(9): 25-64. 1928.

Ser. 6: 1930 (submitted 22 Jan 1930, *Rev. bryol.* 1 Dec 1930), p. 121-144. *Copies*: G, U. – Id. *Bull. Soc. Vaud. Sci. nat.* 57(224): 121-144. 1930. – *Co-author*: Charles Meylan (1868-1941), see TL-2/3: 450-451.

19.133. *Propositions de changement aux Lois de la nomenclature botanique de 1867* dont l'adoption est recommandée au Congrès International de Nomenclature botanique projeté à Vienne en 1905 par un groupe de botanistes belges et suisses ... Genève, Bâle et Lyon (Georg & Co., Libraires – éditeurs) 1904. Oct. (*Prop. changem. Lois nom.*).

Authorship: Jules Amann, William Barbey-Boissier, Gustave Beauverd, Ch. Bommer, Émile Burnat, Alfred Cogniaux, Casimir de Candolle, Augustin de Candolle, Ém. De Wildeman, Th. Durand, B.P.G. Hochreutiner, Paul Jaccard, Robert Keller, Elie Marchal, Emile Marchal, J. Massart, Victor Mouton, Martin Rikli, Hans Schinz, Carl Schröter, Ch. Van Bambeke, M. Van Heurck, Ernest Wilczek; additional: Dr. Chalon, R. Chodat (on errata sheet).

Publ.: 15 Jan 1904 (t.p. so dated), p. [i*-iv*], [i-iv], err. sheet, [1]-45. *Copies*: B, FAS, G.

Note: See also O. Ames et al. 1904, a different set of proposals (by American botanists), published under the same title (in its french version).

19.134. *Les mousses du vignoble de Lavaux ...* Lausanne (Imprimerie réunies S.A.) 1922. Oct.

Publ.: 1922 (mss. submitted 21 Mai 1919), cover-t.p., p. [1]-77, [79]. *Copy*: Gr.-V. – Issued as and to be cited from *Mém. Soc. Vaud. Sci. nat.* 1: 1-77, [79]. 1922.

19.135. *Bryométrie. Étude statistique de l'indice cellulaire chez les mousses ...* Lausanne (Imprimerie commerciale) 1932. Oct.

Publ.: 1932 (mss. submitted 3 Feb 1932), cover-t.p., p. [413]-476. *Copies*: G, Gr.-V. – Reprinted and to be cited from *Bull. Soc. Vaud. Sci. nat.* 57(229): 413-476. 1932.

19.136. *La répartition, en Suisse, des Muscinées de l'élément océanique. Étude phytogéographique ...* Extrait de "Bulletin de la Murithienne..." 1934. Oct.

Publ.: 1934 (p. 63 mss. closed Dec 1933), p. 46-63. *Copies*: G, Gr.-V. – Reprinted and to be cited from *Bull. Murith.* 51: 46-63. 1934.

19.137. *Étude des Muscinées de Naye ...* Lausanne (F. Rouge & Cie. S.A.) 1935. Oct.

Publ.: 30 Apr 1935 (date on cover-t.p.; p. 102: Nov 1934), cover-t.p., p. [79]-102. *Copy*: Gr.-V. – Reprinted and to be cited from *Mém. Soc. Vaud. Sci. nat.* 5(3): 79-102. 1935 (*Mém.* 34).

Åmark, Frederik Wilhelm (1843-1916), Swedish classicist, studied at the University of Uppsala 1863, Dr. phil. ib. 1872, highschool teacher at Enköping 1871, rector ib. 1889-1909. (*Åmark*).

HERBARIUM and TYPES: Unknown. 21 specimens at GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 48; BM 1: 36; KR 787 (b. 15 Aug, Aspeboda, Dalarna, d. 19 Jan 1916, Uppsala).

BIOFILE: Wittrock, V.B., *Acta Horti Berg.* 3(2): 78. 1903, 3(3): 60. 1905 (on portr.).

19.138. *Om Vigiliae plantarum* Lin. Akademisk Afhandling, som med tillstånd af vidtberömda Filosofiska Fakulteten i Upsala för filosofiska gradens erhållande till offentlig granskning framställes ... å botaniska lärosalen onsdagen den 22 Maj 1872 p.v.t.f.m. Stockholm (Bergström & Lindroth) 1872. Oct. (*Vigil. pl.*).

Publ.: 22 Mai 1872 (date of defense thesis), p. [1]-32. *Copies*: B-S, GB-WB, LD, MO. – KR p. 787, no. 1. – A list of swedish plants in which sleep phenomena had been noticed.

Amberg, Karl (1886-1940), Swiss plant geographer at Engelberg; Dr. phil. Zürich (E.T.H.) 1916. (*Amberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 48; BL 2: 577, 622 (dates 1886-1940).

19.139. *Zur Blütenbiologie von Arctostaphylos alpina* (L.) Sprengel ... Sonderdruck aus den Berichten der deutschen botanischen Gesellschaft ... [1913]. Oct.

Publ.: 30 Jan 1913 (in journal), cover-t.p., p. [692]-703. *Copy*: L. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 30(10): 692-703. 1913.

19.140. *Der Pilatus in seinen pflanzengeografischen und wirtschaftlichen Verhältnissen.* Promotionsarbeit ... Luzern (Buchdruckerei Al. Ziegler) 1916. Oct. (*Pilatus*).

Publ.: 1916 (p. 9: preface dated Jan 1914, sic.), cover-t.p., p. [1]-267, [268], *pl. 1-23* on 7 p. (photos), 1 col. map. *Copy*: U. – Also published in *Mitt. Naturf. Ges. Luzern*, Heft 7, 1916. *Ref.*: Baumann, E., *Bot. Centralbl.* 140(18): 280-282. 6 Mai 1919.

Amberg, Otto (1875-1920), Swiss botanist, Dr. phil. Zürich 1900. (*O. Amberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 48 (d. 5 Mai 1920); CSP 13: 82; Nordstedt p. 3.

BIOFILE: Prescott, G.W., Bibl. Desmid. Univ. 12. 1984.

19.141. *Beiträge zur Biologie des Katzensees*. Inaugural-Dissertation zur Erlangung der Doctorwürde eingereicht der hohen philosophischen Fakultät II. Sektion der Universität Zürich ... Zürich (Druck von Zürcher & Furrer) 1900. Oct. (*Beitr. Biol. Katzensees*).

Publ.: 1900 (p. viii: 20 Jun 1899; Bot. Jahrb. 2 Jul 1901), p. [i]-viii, [1]-78, *pl. 1-5* (graphs).

Copy: G. – Reprinted from Vierteljahresschr. Naturf. Ges. Zürich 45: 59-136, *pl. 2-6*. 1900.

Amblard, Francisque (fl. 1870), French pharmacist. (*Amblard*).

HERBARIUM and TYPES: Unknown.

19.142. École supérieure de pharmacie de Paris. *Recherches pour servir à l'étude botanique et chimique du Dividivi* (*Couleria tinctoria* – Légumineuses). Thèse présentée et soutenue à l'École supérieure de pharmacie de Paris pour obtenir le diplôme de pharmacien de 1re classe ... Paris (Imprimerie de Pillet fils ainé...) 1870. Oct. (*Rech. Dividivi*).

Publ.: 1870, cover-t.p., p. [i-iii], [1]-55. *Copy*: G.

Ambrohn, [Ernst Ludwig Victor] Hermann (1856-1927), German botanist and microscopist, educated at the Meiningen (- Sachsen) Gymnasium, studied botany at Heidelberg 1877, Vienna 1877-1878 with Kny 1878-1880, Dr. phil. Berlin 1880, assistant to Schenk at Leipzig 1881, habil. 1882, curator of the Leipzig herbarium 1882-1887, worked in Triest 1883 and at the Zoological Station at Naples 1889 and 1890, private lecturer ca. 1884, extraordinary professor 1889, specializing in cell biology, professor of scientific microscopy at Jena with Abbe 1899, also director of the microscopy division of Zeiss, full time at Jena University from 1907 as director of the Institute of scientific microscopy, Leipnitz medal 1924; died in Jena 28 Mar 1927. (*Ambrohn*).

HERBARIUM and TYPES: JE.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 136; BM 1: 36; De Toni 1: iii; IH 2: 34; Morren ed. 10, p. 22.

BIOFILE: Anon., Bot. Zeit. 47: 339. 1889 (extraord. prof. Leipzig); Bot. Monatschr. 7(4): 63. 1889 (read as professor: "Medizinisch-pharmaceutische Botanik, Theorie und Anwendung des Mikroskopes"); Bot. Jahrb. 11 (Beibl. 24): 2. 1889 (extraord. prof. Leipzig), 29 (Beibl. 65): 30. 1900 (app. Jena); Bot. Centralbl. 38(20): 687. 1889 (extraord. prof. Leipzig), 84(50): 367. 1900 (app. Jena); ÖBZ 39: 279. 1889 (extraord. prof.), 50: 29. 1900 (app. Jena); Allg. bot. Z. 6: 52. 1900 (app. Jena); Hedwigia 39: (40). 1900 (app. Jena); Nat. Nov. 23: 65. 1901 (app. Jena); Jahrb. Wiss. Bot. 56, 1915 (student of Pfeffer).

Freund, H. and A. Berg, *Gesch. Mikroskopie* 1: 16, 37, 184, 185, 187, 241, 330. 1963.

Frey, A., *Ber. deut. bot. Ges.* 45: (60)-(71). 1927 (excellent biogr., bibl., portr., main source); *Z. wiss. Mikrosk.* 44(2): 129-133. 1927 (biogr. sketch; b. 11 Aug 1856); *Kolloid.-Z.* 44: 6-8. 1928 (litt. sci. publ. A. and his students).

Frey, A. et al., *Die Naturwiss.* 14(33): 765-771. 1926 (tribute 70th birthday).

Mägdefrau, K., *Gesch. Bot.* 154. 1973.

Renner, O., *150 Jahre Botanische Anstalt in Jena*, *Jena. Z. Med. Naturw.* 78(2): 159-160. 1947 ("Ambrohn, der Einsame").

FESTSCHRIFT: *Ambronn-Festschrift*, Kolloid-Beihefte 21 Aug 1926, see also Hermann Ambronn zum 70. Geburtstag, *Naturwiss.* 14: 765. 1926.

19.143. *Liste der von der deutschen Nordpolar-Expedition am Kingawa-Fjord des Cumberland-Sundes gesammelten Phanerogamen und Gefäßkryptogamen ...* Separatabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1884. Oct.

Publ.: 5 Nov 1884 (in journal), p. [lxv]-lxvii. *Copy*: B. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 2(11): lxv-lxvii. 1884.

19.144. *Allgemeines über die Vegetation am Kingua Fjord. ...* Separatabdruck aus dem Werke über die Ergebnisse der deutschen Polar-Expeditionen, Allgemeiner Theil ... 1890. Oct.

Publ.: Jan-Mai 1890 (see TL-2/6760), p. [i], [61]-74. *Copy*: B. – Reprinted and to be cited from *Int. Polarforsch. deut. Exped.* 2: 61-74. 1890.

Ref.: Taubert, P.H.W., *Bot. Jahrb.* 12: 17-23. 24 Jun 1890.

19.145. *Phanerogamen und Gefäß-Kryptogamen vom Kingua Fjord ...* Separat-Abdruck aus dem Werke über die Ergebnisse der deutschen Polar-Expeditionen, Allgemeiner Theil, ... 1890. Oct.

Publ.: Jan-Mai 1890 (see TL-2/6760), p. [i], 75-92. *Copy*: B. – Reprinted and to be cited from *Int. Polarforsch. deut. Exped.* 2: 75-92. 1890.

* **Ambrosi, Francesco** (1821-1897), Austro-Italian (S. Tirol) botanist, archeologist, and librarian, longtime director of the Civico museo e bibliotecario della comunale, Trento. (*Ambrosi*).

HERBARIUM and TYPES: TR (orig. herb. destroyed by fire, dupl. still at TR), further material at B, BASSA, FI, IBF, M.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 49; *BL* 2: 404; *BM* 1: 36; *CSP* 1: 55, 6: 565, 12: 14, 13: 83; *DTS* 1: 2-3, 6(4): 28, 33, 38, 109-110; *Hortus* 3: 1187; *IH* 2: 34; *Jackson* p. 269; *Kew* 1: 48; *LS* 243, 893; *Morren* ed. 2, p. 14, ed. 10, p. 38; *PR* 128; *Saccardo* 1: 14 (b. 17 Nov 1821), 2: 11; *TL-2/1*: 40-41; *Zander* ed. 11, p. 713.

BIOFILE: Candolle, *Alph. de, Phytographie* 992. 1880.

Ilg, W., *Hoppea* 42: 317. 1984 (member *Regensb. bot. Ges.* 1853).

Lack, H.W., *Willdenowia* 10(1): 80. 1980 (herb. mat. at B from *Herb. zool.-bot. Ges. Wien*).

Marchesetti, C. von, *Atti Mus. civ. Storia nat. Trieste* 9: 131. 1895.

Regalia, E., *Archivio Antropol. Etnol.* 27: 486. 1897 (brief obit. notice).

Saccardo, P.A., *Storia Lett. Fl. Veneta* 108, 135, 165. 1869; *Bull. Soc. ven.-trent. Sci. nat.* 6(3): 117-119. 1898 (obit., portr., b. 17 Nov 1821 Borgo di Valsugana, d. 9 Apr 1897, Trento), also as reprint, *Padova* 1898, 7 p., 1898; *Cronol. Fl. ital.* p. [1]. 1909.

Wittrock, V.B., *Acta Horti Berg.* 3(2): 79, 159. 1903, 3(3): 65. 1905 (portr.).

HANDWRITING: See *M.T. Stieber et al.*, *Huntia* 4(1): 19. 1981, and *Lack, H.W. and C.O. v. Sydow*, *Willdenowia* 13: 410. 1983 (at Univ.-Libr. Uppsala).

19.146. *Flora del Tirolo meridionale ...* see TL-2/110. Also available on IDC microfiche 8535/1. – Vol. 2(1), fasc. 1: Jan-Mar 1857 (*Bull. Soc. bot. France séance* 24 Apr 1857), 2(2): 1858 (*Bull. Soc. bot. France* 7 Jan 1859). – *Precursor*: *Elenco sistematico delle piante fanerogame del Tirolo italiano* in *Nuova Ann. Sci. nat.*, ser. 3, 8: 433-461. 1889, 9: 240-253, 417-430. 1854, 10: 420-447. 1854.

Ames, Adeline Sarah (1879-?), American botanist (mycologist), B.Sc. Univ. Nebraska 1903, A.M. id. 1904, Dr. phil. 1913 Cornell University. (*A. Ames*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 49 (b. 9 Oct 1879, Henderson, Nebr.); LS 245.

19.147. *A consideration of structure* in relation to genera of the *Polyporaceae* ... Berlin (R. Friedländer & Sohn) 1913. Oct.

Publ.: 30 Jun 1913 (in journal), cover-t.p., p. [211]-253, *pl. x-xiii* (uncol.). *Copy*: B. — Reprinted and to be cited from *Ann. mycol.* 11(3): 211-253. 1913.

* **Ames, Lawrence Marion** (1900-1966), American mycologist and phytopathologist, grew up at farms in Michigan and Illinois, at Blackburn Academy, Carlinville, Ill. 1920-1923, at Michigan State College, East Lansing, B.S. 1927, M.S. 1929; main teacher E.A. Bessey; assistant pathologist Ohio Agr. Exp. Sta., Wooster 1929-1930; at the cryptogamic laboratories of Harvard 1930-1932; Ph.D. Harvard 1933, associate pathologist U.S. Bureau of Entomology 1932-1944, specialized in fimicolous and cellulose-inhabiting fungi; research mycologist with the Army Corps of engineers Laboratories, Fort Belvoir, Virginia; later at Arlington County as scientific officer in the U.S. Army 1944-1961; in retirement consultant with the National Research Council. (*L. Ames*).

HERBARIUM and TYPES: BPI, dupl. K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 50; Bossert p. 9; Hortus 3: 1187; Kew 1: 50; LS 248; Stevenson, p. 1234; TL-2/1: 41; Zander ed. 10, p. 628, ed. 11, p. 713.

BIOFILE: Diehl, W.W., *Mycologia* 59(2): 187-191. 1967 (obit., portr., bibl., b. 14 Jun 1900, Waverly Washington; d. 2 Feb 1966).

Rogers, D.P., *Brief hist. mycol. N. Amer.* ed. 2. 23. 1981.

* **Ames, Oakes** (1874-1950), American botanist at Harvard, graduated 1898, M.Sc. 1899; honorary D.Sc. Washington University 1938; assistant director Botanical Garden Harvard University 1899-1909, instructor in botany 1900-1910, director of the Botanical Garden 1909-1922, asst. professor of botany 1915-1926, curator Botanical Museum 1923-1927, professor of botany 1926-1932, chairman of the Council of botanical collections and supervisor of the biological laboratory and botanical garden in Cuba as well as of the Arnold Arboretum 1927-1935; supervisor Botanical Museum 1927-1937, Arnold professor of botany 1932-1935; research professor of botany 1935-1941, director of the Botanical Museum 1945-1950; outstanding orchidologist and economic botanist. (*Ames*).

HERBARIUM and TYPES: AMES; further material in A, B, BM, L, NY, P.

LIBRARY: Oakes Ames: Harvard, Blanche Ames: Texas Research Foundation.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 22; Barnhart 1: 50 (b. 26 Sep 1874, d. 28 Apr 1950); BM 6: 20; Bossert p. 10; Hortus 3: 1187; IH 1(ed. 6): 355, 2: 34; Kew 1: 51-52; Langman p. 85-86; Lenley p. 6; MW p. 4; MW suppl. p. 5; NI 23; Rehder 3: 514; TL-2/1: 41-42, TL-2/4: 9438, 5: ccliv; Urban-Berl. p. 324; Zander ed. 10, p. 628, ed. 11, p. 712.

BIOFILE: Ames, O., *Orchids in retrospect. A collection of essays on the Orchidaceae*, Cambridge, Mass. 1948, xix, 172 p. (with an essay on A. by Mangelsdorf on p. ix-xv; bibliogr. A. on p. 159-172).

Anon., *The Sun* (New York) 5 Jan 1908; *Bronx Home News* 10 Jan 1908; *Borough Record and Times* (New York), 12 Jan 1908 (large collection of living orchids donated by A. to New York Botanical Garden); *Proc. Linn. Soc.* 162(2): 223-228. 1951; *Orchids at Christmas: Oakes and Blanche Ames*, Cambridge, Mass., Bot. Mus. Harvard Univ. 1975, 50 p.

Arditti, J. (ed.), *Orchid biol.* 1: 27, 29, 42, 136, 150, 159, 171. 1977.

Coleman, E., *Vict. Natural.* 67: 184-185. 1951 (portr.).

Correll, D.S., *Taxon* 32(3): 442. 1983 (Texas Research Foundation acquired Mrs. Ames' library, 4000 nos.).

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- Rouleau, E., *Rhodora index* 1-50: 277. 1953.
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- Sutton, S.B., *Charles Sprague Sargent* 232, 334, 346-347. 1970; *Arnoldia* 32(1): 9-12. 1972 (portr.).
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COMPOSITE WORKS: (1) Contributed numerous treatments of orchid genera to L.H. Bailey, *Cyclop. Am. Hort.* 1900.

EPONYMY (addition): *Oakes-amesia* C. Schweinfurth & P.H. Allen 1948, *ING*: 1189.

19.148. *A new species of Habenaria from Cuba ...* *Proc. Biol. Soc. Wash.* – 1903. Oct.
Publ.: 30 Sep 1903 (in journal), p. [117-118]. *Copy*: G. – Reprinted and to be cited from *Proc. Biol. Soc. Washington* 16: 117-118. 1903.

19.149. *Propositions de changement aux lois de la nomenclature botanique de 1867 dont l'adoption est recommandée au Congrès International de Nomenclature botanique projeté à Vienne en 1905 par les botanistes attachés à l'Herbier Gray, à l'Herbier Cryptogamique et au Musée Botanique de l'Université de Harvard ...* Cambridge, Massachusetts, U.S.A. 1904. Oct. (*Prop. changem. lois nom.*).

Signatories: Oakes Ames, William Gibson Farlow, Merritt Lyndon Farlow, George Lincoln Goodale, Jesse More Greenman, Edward Charles Jeffrey, Benjamin Lincoln Robinson, Arthur Bliss Seymour, Roland Thaxter.

Publ.: 9 Jun 1904 (date on cover-t.p.), cover-t.p., p. [1]-32. *Copies*: B, FAS.

Note: Proposals submitted to the Vienna Congress (1905) in opposition to the "American school of nomenclature": J.C. Arthur, N.L. Britton et al. Text in French, English and German. – See also a (different) European set of proposals by J. Amann et al. 15 Jan 1904, published under the same title.

19.150. *A contribution to our knowledge of the Orchid flora of Southern Florida ...* Cambridge, Mass., U.S.A. (printed by E.W. Wheeler) 1904. Oct. (*Contr. Orch. fl. S. Florida*).

Publ.: 10 Feb 1904 (copy at G so stamped), p. [1]-22, [23], pl. 1-12 (11 uncol. ills. Mrs. O. Ames and 1 photogr.). *Copies*: G, L, MO, NY. – *Contr. Ames bot. Lab.* no. 1.

19.151. *Notes on orchids new to Florida ...* Proceedings of the Biological society of Washington ... 1906. Oct.

Publ.: 29 Jan 1906, p. [1]-2. *Copy*: B. – Reprinted and to be cited from *Proc. Biol. Soc. Washington* 19: 1-2. 1906. – Further additions to his *Additions to the Orchid flora of Florida*, *ib.* 17: 115-117. 1904.

- 19.152.** *Habenaria orbiculata* and *H. macrophylla*. *Spiranthes ovalis* ... From *Rhodora* ... 1906. Oct.
Publ.: Jan 1906 (in journal), cover-t.p., p. [i], [1]-7. *Copy*: B. – Reprinted and to be cited from *Rhodora* 8(85): 10-16. 1906.
- 19.153.** *Descriptions of new species of Acoridium* from the Philippines [Proc. Biol. Soc. Washington ... 1906]. Oct.
Publ.: 25 Sep 1906 (in journal), cover-t.p., p. 143-153. *Copies*: B, G, L. – Reprinted and to be cited from Proc. Biol. Soc. Washington 19: 143-153. 1906.
- 19.154.** *Orchidaceae halconenses*: an enumeration of the Orchids collected on and near Mount Halcon, Mindoro, chiefly by E.D. Merrill ... Manila (Bureau of printing) 1907. Oct.
Collector: Elmer Drew Merrill (1876-1956), TL-2/3: 425-429.
Publ.: Jul 1907 (in journal), cover-t.p., p. [i, t.p.], 311-337. *Copies*: G(2), L. – Reprinted and to be cited from Philipp. J. Sci. sect. C., Bot. 2(4): 311-337. 1907. – See TL-2/5863. – Bibliographic research by Frederic Tracy Hubbard (1875-1962).
- 19.155.** *Notes on Habenaria* ... Reprinted from *Rhodora*, Journal of the New England Botanical Club ... 1908. Oct..
Publ.: 16 Mai 1908 (in journal, date on cover-t.p.), cover-t.p., p. 70-71. *Copy*: L. – Reprinted and to be cited from *Rhodora* 10(112): 70-71. 1908.
- 19.156.** *Orchidaceae* ... Reprinted from Gray's New Manual of Botany ... 1908. Oct.
Publ.: 18 Sep 1908 (in A. Gray, Man. Bot. ed. 7. 1908), cover-t.p., p. [304]-319. *Copy*: L. – Reprinted and to be cited from A. Gray, New Manual of Botany 304-319 [ed. 7]. 1908. – See TL-2/2125 (ed. 7).
- 19.157.** *Nomenclatorial changes in Corallorrhiza* ... Reprinted from *Rhodora*, ... 1909. Oct.
Publ.: Mai 1909 (in journal), cover-t.p., p. [i, t.p. on recto of p. 102], [102]-160. *Copy*: L. – Reprinted and to be cited from *Rhodora* 11(125): 102-160. 1909. – Issued as Contr. Ames Bot. Lab. no. 7.
- 19.158.** *Notes on Philippine orchids* with descriptions of new species, I-VI ... Manila (Bureau of Printing 1909-1912. Oct.
 1: Nov 1909 (in journal), cover-t.p., p. [593]-600. – Reprinted and to be cited from Philipp. J. Sci. sect. C, Bot. 4(5): 593-600. 1909.
 2: Dec 1909 (in journal), cover-t.p., p. 663-676. – Id. 4(6): 663-676. 1909.
 3: Mar 1911 (date on p. 35, cover Feb 1911), cover-t.p., p. 35-36. – Id. 6(1): 35-36. 1911.
 4: Mai 1912 (date on cover; issue journal for Apr 1912), cover-t.p., p. [1]-27. – Id. 7(1): 1-27. 1912.
 5: Sep 1912 (date on cover, p. 125: Aug 1912), cover-t.p., p. 125-143. – Id. 7(3): 125-143. 1912.
 6: Dec 1913 (in journal), cover-t.p., p. 407-441, *pl. 13*. – Id. 8(6): 407-441, *pl. 13*. 1913.
Copy: L.
- 19.159.** *A new Ponthieva* from the Bahamas: *Ponthieva Brittoniae* sp. nov. ... Reprinted from *Torreyia* ... 1910. Oct.
Publ.: 26 Apr 1910 (in journal), p. [1]. *Copy*: L. – Reprinted and to be cited from *Torreyia* 10(4): 90-91. 1910.
- 19.160.** *Two species of Habenaria from Cuba* ... Reprinted from *Torreyia* ... 1912. Oct.
Publ.: 22 Jan 1912 (in journal), p. [i, recto of 11], [11]-12. *Copy*: L. – Reprinted and to be cited from *Torreyia* 12(1): 11-13. 1912.

- 19.161.** *Orchidaceae novae et criticae Insularum Philippinarum ...* Manila (Philippine Islands) 1912. Oct.
Publ.: Dec 1912 (in journal), cover, p. [i, t.p.], [1549]-1588. *Copy*: L. – Reprinted and to be cited from *Leafl. Philipp. Bot.* 5 (art. 77): 1549-1588. 1912.
- 19.162.** *The Orchids of Guam ...* Manila (Bureau of Printing) 1914. Oct.
Publ.: Feb 1914 (in journal), cover-t.p., p. [11]-16. *Copy*: L. – Reprinted and to be cited from *Philipp. J. Sci. sect. C, Bot.* 9(1): 11-16. 1914.
- 19.163.** *A list of the most important plants from which arrow poisons are prepared ...* School of tropical medicine, Harvard University Lecture guide (Tropical Medicine: Botany). – [Cambridge, Mass.] 1915. Oct.
Publ.: Mar 1915 (on p. 1; rd. at NY 3 Jul 1915), p. [1]-8. *Copy*: NY.
- 19.164.** *Schedulae Orchideanae.* Numbers 1-10. Boston, Massachusetts 1922-1930. Oct. (*Sched. Orch.*).
Preface material: 4 Oct 1930, p. [i]-xl.
 1: 18 Nov 1922, p. 1-24.
 2: 6 Jan 1923, p. 1-38, *pl.* 1.
 3: 30 Jan 1923, p. 1-27.
 4: 4 Mai 1923, p. 1-60, *pl.* 2-3.
 5: 6 Jun 1923, p. 1-42.
 6: 3 Nov 1923, p. 1-99.
 7: 27 Mar 1924, p. 1-36, *pl.* 4-20.
 8: 7 Mar 1925, p. 1-84, *pl.* 21-24.
 9: 22 Jul 1925, p. 1-62.
 10: 4 Oct 1930, p. 1-116.
Copy: MO.
- 19.165.** *Enumeration of Philippine Apostasiaceae and Orchidaceae ...* Manila (Bureau of Printing) 1925. Oct.
Publ.: 28 Dec 1924 and 7 Apr 1925 (in journal; reprint on or after 7 Apr 1925), cover-t.p., p. 252-463. *Copy*: G. – Reprinted and to be cited from E.D. Merrill, *Enum. Philipp. fl. pl.* 1(3): 252-368. 28 Dec 1924 and 1(4): 369-463. 7 Apr 1925.
- 19.166.** *New or noteworthy Philippine orchids I-VI ...* Manila (Bureau of Printing) 1931-1936. Oct.
Co-author: Eduardo Quisumbing (1895-x).
 1: Apr 1931 (date on cover), p. [i], 369-383, *pl.* 1-16 (photogr., *pl.* 1 col.). *Copy*: U. – Reprinted and to be cited from *Philipp. J. Sci.* 44(4): 369-383, *pl.* 1-16. 1931.
 2: Feb 1932 (date on cover), p. [i], 197-220, *pl.* 1-29. (photogr. and drawings; *pl.* 1-3 col.). *Copy*: U. – Id. 47(2): 197-220, *pl.* 1-29. 1932.
 3: Dec 1932 (in journal), p. [i], 483-504, *pl.* 1-28 (*pl.* 1 col., *pl.* 2-28 uncol.). 1932. *Copies*: G, L. – Id. 49(4): 483-504, *pl.* 1-28. 1932.
 4: Dec 1933 (date on cover), p. [i], 443-473, *pl.* 1-17 (photogr. and drawings, *pl.* 1-3 col.). *Copy*: U. – Id. 52(4): 443-473, *pl.* 1-17. 1933.
 5: 29 Jun 1935 (date in journal p. iv), Id. 56: 453-469. 1935.
 6: Jan 1936 (date on cover), cover-t.p., p. [1]-14, *pl.* 1-9 (*pl.* 1 col., *pl.* 2-9 uncol.) *Copy*: G. – Id. 59: 1-14, *pl.* 1-9. 1936.
- 19.167.** *Additions to the Orchid flora of the United States ...* Proceedings of the Biological Society of Washington ... 1932. Oct.
Publ.: 29 Feb 1932 (on p. 3), p. 3-4. *Copy*: L. – Reprinted and to be cited from *Proc. Biol. Soc. Washington* 45: 3-4. 1932.

19.168. *Additional notes on the Orchids of the New Hebrides and Santa Cruz Islands ...* Journal of the Arnold Arboretum ... 1933. Oct.

Publ.: Apr 1933 (p. [101]), cover-t.p., p. [101]-112. *Copy:* G. – Reprinted and to be cited from J. Arnold Arb. 14: 101-112. 1933.

19.169. *The genus Epidendrum in the United States and Middle America* Cambridge, Massachusetts (Botanical Museum) 1936. Oct. (*Epidendrum*).

Publ.: 1936 (p. x: Jul 1936), p. [i]-xi, [1]-233, [235]. *Copy:* MO.

Photogr. reprint: 1976. *Copy:* U.

19.170. *Additions to the genus Acoridium ...* Leiden (N.V. Boek- en Steendrukkerij Eduard IJdo) 1937. Oct.

Publ.: 29 Jun 1937 (in journal), cover-t.p., p. [66]-77. *Copy:* L. – Reprinted and to be cited from Blumea suppl. 1 (J.J. Smith Jubilee vol.): 66-77. 1937.

19.171. *Economic annuals and human cultures ...* Cambridge, Massachusetts (Botanical Museum of Harvard University) 1939. Oct. (*Econ. annuals*).

Publ.: Dec 1939 (t.p. date 1939; preface Dec 1939), p. [i-ix], [1]-153, [1-5, sixteen drawings by Blanche Ames]. *Copy:* U.

Facsimile reprint: 1953, p. [i-ix], [1]-153, [1-5, id.]. *Copy:* FAS. – ‘Reprinted in 1953 without change in text or pagination’ on p. [iv].

Amici, Giovan Battista [Giambattista] (1786-1863), Italian astronomer, mathematician and botanist, professor of mathematics at Modena 1815, from 1831 director of the observatory of Florence, designed various refined optical instruments (improved microscopes), botanical physiologist, Dr. med. h.c. Florence 1860. (*Amici*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 60, 114; Barnhart 1: 50 (b. 25 Mar 1786, Modena; d. 10 Apr 1863, Firenze); BM 1: 39; CSP 1: 56-57; De Toni 1: iii, 4: iii; Jackson p. 80, 155, 219; Lasègue p. 524; LS 902-914 (phytopath.), 30532; Moebius p. 185, 346, 436, 437; PR 133-135, ed. 1: 185-187.

BIOFILE: Anon., Gartenflora 12(8): 269. 1863 (d. 10 Apr 1863).

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Briosi, G., Atti Ist. bot. Univ. Pavia ser. 2. 11: iii-xxxvi. 1908 (3 portr.).

De Toni, G.B., Di una interessante scoperta del modenese Giambattista Amici e de' suoi progressi, Modena 1906, 39 p. (discovery of the pollen tube and its growth through the micropyle of the ovula in 1823; also publ. in Ann. R. Univ. Modena 1905-1906).

Ducker, S.C. and R.B. Knox, Taxon 34(3): 401. 1985 (discovered pollen tube growth in stigma, style, ovules).

Freund, H. and A. Berg, Gesch. Mikroskopie 1 (Biol.): 6, 14, 21, 33, 47, 56, 203, 273, 300, 301, 302. 1963.

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Högrell, B., Bot. hist. 1: 240. 1886.

Jessen, K.F.W., Bot. Gegenw. Vorz. 410, 435, 437, 446. 1884.

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Sachs, J., Gesch. Bot. 240, 306, 401, 467, 469. 1875; Hist. bot. 232, 293, 384, 449, 569. 1892.

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19.172. *Osservazioni sulla circolazione del succhio nella Chara*. Memoria del Sig. Professore Giambattista Amici ... Modena (presso la Società tipografica) 1818. Qu. (*Oss. circolaz. Chara*).

Publ.: 1818, p. [1]-22, 1 pl. *Copy*: NY. – Preprinted or reprinted from Mem. Soc. Ital. Sci. Modena 18: 183-204. 1818.

19.173. *Osservazioni microscopiche sopra varie piante*. Memoria del Sig. Professore Gio. Battista Amici ... Modena (Dalla Tipographia camerale) 1823. Qu. (*Osserv. microsc.*).

Publ.: 1823, p. [1]-55, errata sheet, pl. [1-6] (uncol. copp.). *Copies*: B-S, G(2). – Also issued as Mem. Soc. Ital. Sci. Modena 19: 234-286. 1823. – See also Ann. Sci. Nat. 2: 41-71, 211-249. 1824, Not. Natur-Heilk. Froriep 5: 337-344. 1823, J. Sci. Arts, Roy. Inst. Great Britain (Quart. J. Sci.) 16: 388-393. 1823.

19.174. *Descrizione di un' Oscillaria vivente nelle acque termali di Chianciano ed osservazioni microscopiche per servire alla storia di questa pianta ...* Firenze (dai Torchi de Gius. Galletti) 1833. Oct. (*Descr. Oscillaria*).

Publ.: Aug 1833 (p. 13: 25 Jul 1833), p. [1]-14, 1 pl. (col. copp. engr.). *Copy*: G.

* **Amo y Mora, Mariano del** (1820-1896), Spanish botanist, professor of botany and founder of the faculty of pharmacy at the University of Granada. (*Amo*).

HERBARIUM and TYPES: See TL-2/1: 42.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 51; BL 2: 479-480; BM 1: 39, 408; Colmeiro 1: clxxii (bibl.); CSP 1: 58; GR p. 758; Hortus 3: 1187; Kew 1: 53; LS 6807 (“Del Amo...”); Morren ed. 10, p. 51; PR 2015, 2016, 2113; TL-2/1: 42-43; Tucker 1: 36.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 296.44. 1980.

Muñoz Medina, D.J., Hist. desarroll. bot. Esp. 30. 1969 (brief sketch).

Willkomm, M., Grundz. Pfl.-Verbr. Iber. Halbinsel 15. 1896.

19.175. *Memoria premiada ... sobre la distribución geográfica de las familias de las plantas Crucíferas, Leguminosas, Rosáceas, Salsoláceas, Amentáceas, Coníferas y Gramíneas de la Peninsula ibérica* [Mem. Real Acad. Ci., Madrid ... 1861]. Qu.

Publ.: 1861, p. [223]-463. *Copy*: NY. – Reprinted and to be cited from Mem. Real Acad. Ci. Madrid 5: 223-463. 1861.

19.176. *Botánica. Descripción de plantas nuevas ó poco conocidas del reino de Granada, ...* Madrid (Imprenta de Manuel Anoz, ...) 1861. Qu. (*Descr. pl. Granada*).

Publ.: 1861, p. [1]-9. *Copy*: G.

Amoreux, Pierre-Joseph (1741-1824), French botanist, zoologist and physician, educated at Beaucaire, studied medicine at Montpellier, student of A. Gouan, Dr. med. 1762, in Paris 1764-1765 meeting Lemonnier and Bernard de Jussieu, from 1765 in Montpellier, curator of the medical library at the Hôtel-Dieu-Saint-Éloy 1768-1795, professor of natural history at the École de médecine 1795, later, in retirement, dedicating himself to botany only. (*Amoreux*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 18; Ainsworth p. 309; Barnhart 1: 51 (b. 26 Feb 1741, Beaucaire, Gard.; d. Dec 1824, Montpellier); BM 1: 40; Dryander 3: 201, 202, 369, 599; GR p. 357; Jackson p. 214; LS 908-909; PR 141-147, ed. 1: 201-207; Quenstedt p. 8; Rehder 5(index): 15; Tucker 1: 36, 205, 764.

BIOFILE: Anon., Biogr. gén. 1: 391. 1855.

Chéran, A., Dict. Sci. med. 3: 749. 1875.

Flahault, C., Univ. Montpellier, Inst. Bot. 38. 1890.

Fournier, E. in H.E. Baillon, Dict. bot. 1: 152. 1876 (detailed obit., list publ.).

Haller, A. von, Bibl. bot. 2: 502. 1772.

Hulth, J.M., Bref Skrifv. Linné 2(1): 67-68. 1916.

Larousse, P., Grand dict. Univ. XIX. siècle 1: 283. 1865.

Roubieu, G.J., Éloge historique de M. Amoreux, Montpellier 1824, 28 p. (n.v.).

Rose, H.J., New gen. biogr. dict. 1: 405. 1850.

Thiébaud de Berneaud, Mem. Soc. Linn. Paris 4(6): 688-694. 1826 (biogr., list of publ.; b. 26 Feb 1741, d. late Dec 1824).

COMPOSITE WORKS: Co-author with G.H. Hoffmann, Mémoires ... *sur l'utilité des lichens* Lyon 1787. TL-2/2881. – Amoreux author of *Recherches et expériences sur les divers lichens*, dont on peut faire usage en médecine et dans les arts ... second mémoire, 1787, p. [i], [1]-103. Further copy: GBUB.

19.177. *Recherches sur la vie et les ouvrages de Pierre Richer de Belleval*, fondateur du jardin botanique donné par Henri IV à la faculté de médecine de Montpellier en 1593; pour servir à l'histoire de cette Faculté, & à celle de la botanique ... À Avignon (Chez Jean-Albert Joly, ...) 1786. Oct. (*Rech. Richer de Belleval*).

Publ.: 1786, p. [i]-viii, [1]-78. *Copy*: G. – Published anonymously.

19.178. *Mémoire sur les haies destinées à la clôture des prés, des champs, des vignes & des jeunes bois*; où l'on traite des différentes espèces de haies, de leur construction & de leurs avantages: ... à Paris (Chez Cuchet, ...) 1787. Oct. (*Mém. haies*).

Ed. 1: 1787 (p. vii signed 15 Sep 1786; p. 238 censor 15 Feb 1787), p. [i]-vii, [viii], [1]-238, [239-240]. *Copy*: BR.

Ed. 2: 1809, p. [i*-ii*], [i]-vi, [1]-464, 1 pl. (uncol. copp.). *Copy*: BR. – *Traité des haies vives*, destinées à la clôture des champs, des prés, des vignes et des jeunes bois; où l'on indique les différentes sortes de haies, avec des préceptes sur leur construction ...etc. ... seconde édition, ... Montpellier (De l'imprimerie d' Auguste Ricard, ...) 1809. Oct.

19.179. *État de la végétation sous le climat de Montpellier*, ou époques des fleuraisons et des productions végétales ... à Montpellier (Chez Renaud, libraire, ...) 1809. Oct. (*État vég. Montpellier*).

Publ.: Jan 1809 (p. 250 signed le 30 Décembre 1808), p. [i-ii], [1]-254. *Copies*: B-S, G.

19.180. *Dissertation historique et critique sur l'origine du Cachou...* Montpellier (Renaud, libraire, ...) 1812. Oct. (*Diss. hist. Cachou*).

Publ.: 1812 (p. 56: signed 19 Jun 1812), p. [1]-56. *Copy*: G.

* Amshoff, Gerda Jane Hillegonda (1913-1985), Dutch plant systematist, student of A.A. Pulle, Dr. phil. 1939 (see TL-2/117), scientist at the Utrecht Institute of Systematic Botany 1939-1955; with the Laboratory for Plant Taxonomy, Wageningen 1955-1978. (*Amshoff*).

HERBARIUM and TYPES: U, WAG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 52 (b. 5 Jan 1913, Leeuwarden, Neth.); Hortus 3: 1157; Kew 1: 53; Langman p. 811; Roon p. 11; SK 4: 100, cxliv; TL-2/1: 43.

BIOFILE: Medenbach de Rooy, J.M. van, Taxon 34: 73. 1985 (obit. not.).

Stafleu, F.A., Taxon 34: 570. 1985 (obit. not. b. 5 Jan 1913, d. 10 Feb 1985).

Wilde, J.J.F.E. de, Vakbl. Biol. 65(15): 313. 1985 (obit., portr.).

COMPOSITE WORKS: (1) *Papilionaceae*, in A.A. Pulle, *Flora of Suriname* 2(2): 1-257. Jul 1939 (see TL-2/8393).

(2) *Olacaceae*, in id. 1(1): 262-272. Jan 1938.

(3) *Gramineae*, with J.Th. Henrard, in id. 1(1): 273-442. Jan 1943.

(4) *Myrtaceae*, in id. 3(2): 56-158. 1951.

(5) *Aquifoliaceae*, in id. 3(2): 159-165. 1951.

(6) Contributed 12 families to C.A. Backer, *Beknopte flora von Java* (Nooduitgave), and in C.A. Backer and R.C. Bakhuizen van den Brink, *Flora of Java* (1963).

(7) *Leguminosae* of New Guinea, proofs Mai 1943, not published, a single proof was used by Verdcourt in his revision of the *Leguminosae* for New Guinea. Copy of the proof at L. (Steenis, C.G.G.J. van, Fl. males. Bull. 38: 128. 1985).

19.181. *The grasses of the Dutch West Indian Islands ...* Amsterdam (Uitgave van het [Koloniaal] Instituut). 1942. Oct. (*Grass. Dutch W. Ind.*).

Publ.: 1942, p. [1]-64. *Copies*: G, U. – Issued as *Meded.* 59, Kol. Inst. Amsterdam, afd. Handelsmus. 25.

Anastasia, Guiseppe Emilio (1870-1934), Italian technician at the R. Istituto Sperimente dei Tabacchi in Scafati. (*Ans.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 52; LS 917, 918, 30.540-30.541; Stevenson p. 1234.

19.182. *Le Varietà tipiche della Nicotiana Tabacum L. ...* Scafati (Stab. Tipografico Rinascimento) 1906. Oct. (*Var. tip. Nicotiana Tab.*).

Publ.: 1906 (ÖBZ Oct-Dec 1906; Bot. Zeit. 16 Jan 1907), p. [3, t.p.]-120, [122, index; 122, corr.], [1, half-title appendix]-15. *Copy*: G.

* **Anders, Josef** (1863-1936), Czech (Bohemian) botanist, especially lichenologist, educated at schools in Schima and Leitmeritz, at teacher's college Leitmeritz, teacher at Ruschowan (nr. Leitmeritz) and Barzdorf am Rollberg 1885-1887, from 1887 at Böhmisches-Leipa teaching German at a girls school until 1896, ultimately "Fachlehrer" at a boys school. (*Anders*).

HERBARIUM and TYPES: PR (10.000 Lich., orig.), PRM, further material at GOET, GZU, M, PRC, W. – Exsiccata: *Lichenes exsiccati Bohemiae borealis* fasc. 1 (1-50). Dec 1929, 2 (51-110). Aug 1930, 3 (111-160). Jan 1931, 4 (161-220). Oct 1931, 5 (221-270). Feb 1932, 6 (271-333). 1933.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 53; Bossert p. 10; Christiansen p. 201; Futak-Domin p. 31-32; GR p. 430 (b. 10 Jan 1863, Kletschen, Böhmen; d. 26 Apr 1936, Böhmisches-Leipa); IH 2: 35; LS 923-925b; LS suppl. 256-267; TL-2/1: 43-44.

BIOFILE: Klement, O., *Natur u. Heimat* 7(2): 33-37. 1936 (biogr., portr.).

Mattick, F., *Ber. deut. Bot. Ges.* 54: 369, (93)-(99). 1937 (biogr., portr., bibl., b. 10 Jan 1863, Kletschen, Bohemia, d. 26 Apr 1936, Böhmisches-Leipa).

Pax, F., *Bibl. Schles. Bot.*, Breslau 1929, no. 1885.

Sayre, G., *Mem. New York Bot. Gard.* 19(1): 108-109. 1969 (on lich. exsicc. Boh. bor.).

Schade, A., *Natura lusatica* 5: 34. 1961.

19.183. *Die Strauch- und Blattflechten Nordböhmens. 1. Nachtrag ...* Sonder-Abdruck a. d. "Mitteil. d. Nordböhm. V. f. Heimatforschung u. Wanderpflege", Leipa [1917]. Oct.

1: 1917, p. [1]-14. *Copy*: B. – Reprinted and to be cited from *Mitt. Nordböhm. Heimatforsch. Wanderpfl.* 40(2-3): 1-14. 1917.

2: 1 Jan-20 Feb 1920 (copy B has cover dated 1920, and inscription Anders 20 Feb 1920), cover, p. 351-374. *Copy*: B. – *Id. Hedwigia* 61: 351-374. 1920.

3: 1922, cover, p. 269-322. *Copy*: B. – *Id.* 63: 269-322. 1922.

4: Jan 1936 (in journal), cover, p. [429]-488, *pl. 12-15* (uncol. phot.). *Copy*: B. – Id. *Beih. Bot. Centralbl.* 54B: 429-488, *pl. 12-15*. 1936.

Note: *Zur Flechtenflora Nordböhmens* 1922. 1 p., n.v., see Mattick 1937, no. 26 and footnote.

19.184. *Zur Flechtenflora des Isergebirges ...* Sonderabdruck aus “Hedwigia” ... Dresden-N. Oct.

Publ.: 1923, cover, p. [256]-267. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 64: 256-267. 1923.

Nachtrag: 1924, cover, p. 65-84. *Copy*: B. – Id. 65: 65-84. 1924.

Nachtrag [2]: 1925, p. [1]-5. *Copy*: B. – Id. *Mitt. Ver. Heimatkunde* 19(1): 1-5. 1925. – *Note*: Mattick, 1937, no. 27, mentions another paper “*Zur Flechtenflora des Isergebirges*” also in *Mitt. Ver. Heimatkunde* 15(4), 1922 (not seen by us).

19.185. *Zur Flechtenflora der Umgebung von Krimml in Salzburg ...* Sonderabdruck aus “Hedwigia” ... 1926. Oct.

Publ.: Mar 1926 (in journal), p. [103]-126. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 66: 103-126. 1926.

19.186. *Die Strauch- und Laubflechten Mitteleuropas ...* 1928, TL-2/119.

Publ.: 1928 (*Nat. Nov.* Dec 1928).

Ref.: Schulz-Korth, K., *Hedwigia, Beibl.* 68(2): (69)-(70). Feb 1929 (rev.); *Bot. Jahrb.* 63: 43-44. 1 Mar 1930.

19.187. *Die Flechtenflora des Künnergebirges in Nordböhmen ...* [Lotos, Prag 1928]. Oct.

Publ.: late 1928 or Jan 1929 (journal 1928, reprint sent by author 10 Feb 1929), p. [315]-325.

Copy: L. – Reprinted and to be cited from *Lotos*, Prag 76: 315-325. 1928.

19.188. *Über Igelformbildung bei den Flechten und über Wanderflechten ...* Sonderabdruck aus “Natur und Heimat” ... 1934. Oct.

Publ.: 1934, p. [97-109]. *Copy*: L. – Reprinted and to be cited from *Natur und Heimat* 1934 (4): 97-109. – Date of sending out this reprint given by author 24 Dec 1934.

19.189. *Im Verschwinden begriffene und verschwundene Flechtenarten in Nordböhmen ...* [Berlin-Dahlem 1935]. Oct.

Publ.: 25 Apr 1935 (reprint dated), cover, p. [319]-330. *Copy*: B. – Reprinted and to be cited from *Ber. deut. Bot. Ges.* 53(3): 319-330. 1935.

Andersen, Anton, (1856-1911), Danish botanist, teacher at a school in Havrehed 1876-1911. (*A. Andersen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 53; *BL* 2: 51, 622.

BIOFILE: Christensen, C., *Dansk. Bot. Litt.* 1880-1911: 120. 1913 (lists 3 publ., brief note on life; b. 27 Jan 1856, Langesø; d. 9 Jun 1911, Havrehed); *Dansk. Bot. Hist.* 2: 509. 1926 (bibl.), 5 nos.

19.190. *Fra planternes verden.* Kulturhistorisk-botaniske skitser ... Kjøbenhavn (Gyldendalske Bokhandels forlag ... 1885. Oct. (*Fra plant. verd.*).

Publ.: 1885 (p. [iv]: 1 Jul 1885, preface), p. [i*, iii*], [i-iv], [1]-277, [278]. *Copy*: MO.

19.191. *Nordfyns flora ...* Kjøbenhavn (Bianco Lunas Bogtrykkeri) 1910. Oct.

Publ.: Dec 1910 (author sent copy [B] to Warming inscribed “20.xii.10”), p. [i], [329]-454. *Copy*: B. – Reprinted and to be cited from *Bot. Tidsskr.* 30: 329-454. 1910. – See also *BL* 2: 51.

Anderson, Andrew (fl. 1813), American physician in New York, A.B. Columbia Univ. 1810, M.D. 1813. (*A. Anderson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 54; BM 1: 42; ME 3: 372; PR 148, ed. 1: 212.

BIOFILE: Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 171. 1877.

19.192. *An inaugural dissertation on the Eupatorium perfoliatum* of Linnaeus ... New York (printed by C.S. van Winkle ...) 1813 (Oct. in fours). (*Inaug. diss. Eupatorium*).
Publ.: 1813, p. [1]-75. *Copies*: FAS, HH, MO, NY.

* **Anderson, Charles Lewis** (1827-1910), American practicing physician and naturalist, born at Salem, Roanoke (Virginia), moved ca. 1837 with his family to Indiana, Dr. med. 1852 at Indiana Asbury University, practiced in Hennipin Cy., Minnesota, moved to Carson City, Nevada Territory 1862, practicing 1862-1867, moved to Santa Cruz, California, again practicing medicine but devoting himself in addition to botany, zoology and geology, collecting widely, especially Algae. (*C.L. Anderson*).

HERBARIUM and TYPES: NY; further material at K, MO, P-DU, US. See also TL-2/1: 44. – Letters e.g. in Dörfler's coll. of botanical correspondence at UPS-UB, also letter to F.V. Coville at Hunt Inst. – For his *Algae exsiccatae americanae borealis* see W.G. Farlow (TL-2/1: 813) and Sayre (1969). – Collector's field notes at UC. – Additional herbarium having C.L. Anderson: WRS�.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 54 (b. 22 Sep 1827, Salem, Va., d. 22 Dec 1910, Santa Cruz, Calif.); De Toni 4: iii; IH 1 (ed. 6): 355, 2: 35 (see W.G. Farlow); ME 2: 56, 3: 164, 301, 302, 528; Morren ed. 10, p. 117; Rehder 1: 323, 2: 99, 107; TL-2/1: 44; Tucker 1: 37.

BIOFILE: Brewer, W.H., in S. Watson, *Bot. Calif.* 2: 558. 1880 (colls.).

Day, M.A., *Rhodora* 3: 242. 1901.

Elder, J., N. Nevada native Pl. Soc., *Occ. Paper.* 1, Jul 1976 (facs. reprint of *Cat. Nevada Fl.* see below; with brief note on A. and eponymy).

Hitchcock, A.S. and A. Chase, *Man. Grasses U.S.* 984. 1951 (eponymy).

Howe, M.A., *J. New York Bot. Gard.* 9: 127. 1908 (algae colls. 4000 spec. mainly from Calif. acquired by NY).

Jepson, W.L., *Madroño* 1: 214-216. 1929 (biogr. sketch; details on Californian activities).

Koster, J.Th., *Taxon* 18: 549. 1969 (alg. herb. at NY).

Reifschneider, O., *Biogr. Nevada botanists 1844-1963*, p. 34-37. 1964 (portr., brief sketch of life, details on his stay in Nevada).

Reveal, J., in A. Cronquist et al., *Intermount. Flora* 1: 53. 1972.

Sayre, G., *Mem. New York Bot. Gard.* 19(1): 72-73. 1969 (exsicc.).

Stieber, M.T., *Huntia* 4(3): 152. 1981 (field notes at UC).

Stieber, M.T. et al., *Huntia* 4(1): 21. 1981 (letter to F.V. Coville 10 Mai 1894).

Thomas, J.H., *Contr. Dudley Herb.* 5(6): 147-148. 1961 (on A's collecting in the Santa Cruz Mts.; impt. source, see also J. Ewan, *Madroño* 19: 31. 1969); *Huntia* 3: 38. 1969 (expl. California).

19.193. *A catalogue of Nevada flora* ... [Carson City ... 1870]. Oct. (*Cat. Nevada fl.*).

Publ.: 1870, p. [i, recto of p. 116], [116]-128. *Copy*: HH (n.v.). – Reprinted from *Rep. State Mineralogist Nevada* 3: 116-128. 1870 (on p. 115: announcement of this paper by State Mineralogist).

Facsimile ed.: Jul 1936, p. [i], [116]-128, [1-2, drawing]. *Copies*: B, MO. – Issued as *North Nevada native Pl. Soc., Occ. Pap.* no. 1, with a brief note on the author by Joan Elder.

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Authorship: Compiler and editor F.L. Clarke, additions by C.L. Anderson.

Publ.: Aug-Dec 1890 (preface 25 Jul 1890), p. [1]-13. *Copy:* MO. – Errata on inside backcover.

19.195. *Recommendations regarding the nomenclature of systematic botany ...* s.l.n.d. [ca. 1905]. Qu. (*Rec. nom. syst. bot.*).

Co-author: 74 signatories of American botanists opposing the “American Code” of N.L. Britton et al.

Publ.: probably 1905, p. [1-2]. *Copies:* B, BR.

Anderson, Charles Wilgress (1867-?), British forestry officer in British Guyana. (*C.W. Anderson*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 54 (b. 27 Mar 1867); IH 2: 35.

BIOFILE: EK, R.C., FLORA OF THE GUIANAS, SUPPL. SER. 1: 22-23. 1990 (COLL.).

19.196. *The forests of the north-western district of the County of Essequibo.* Forest districts 3-4 ... Georgetown, Demarara (Department of Lands and Mines) 1912. Oct. (*For. Co. Essequibo*).

Publ.: Aug 1912 (date on t.p.), cover-t.p., p. [i, iii], [1]-26, appendices [i]-liv. *Copy:* U. – Issued in Series I. Forests of British Guyana, Detail reports.

Anderson, Edgar [Shannon], (1897-1969), American biosystematist and geneticist, studied at Michigan Agricultural College [h.t. State Univ.], and at Harvard University, at Bussey Institution 1919-1922, Dr. Sc. Harvard 1922, with the Missouri Botanical Garden and the Henry Shaw School of Botany, Washington University, St. Louis 1922, studied at the John Innes Institution (England) 1929-1930 with J.B.S. Haldane and R.A. Fisher, returned to St. Louis 1930, “Arborist” at the Arnold Arboretum, Jamaica Plain, Mass. 1930-1935; from 1935 definitively at the Missouri Botanical Garden, 1954-1957 as director. (*E. Anderson*).

HERBARIUM and TYPES: MO; further material at A, CEL, DAO, FW, HH, K, KMG, NTSG, NY, PH, WELC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 54 (b. 9 Nov 1897); GR p. 202; IH 2: 35; Roon p. 11.

BIOFILE: Anderson, E., *Plants, man and life*, Boston 1952, 251 p.

Anon., *Friends Journal* 1969: 429, reprinted with portr. in *Ann. Missouri Bot. Gard.* 59(3): 323-324. 1972 (publ. 1973); *Taxon* 18: 736. 1969 (obit. not., d. 18 Jun 1969 at St. Louis, Mo.), 31(3): 607. 1982 (E. Anderson Maize coll. now at CEL, Univ. Ill.).

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 Murrill, W.A., *Hist. bot. Florida* 42: 1945.
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 Porter, D.M. et al. *Boxwood Bull.* 24(2): 35-39. 1984 (biogr. notes, portr.).
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 (2) *The considered landscape: essays by A.*, ed. D. Maloney, Buffalo 1985, 52 p.
 (3) *Plants, man and life*, Berkeley 1952, ix, 251 p., also id. 1967, 1969 and various other editions.

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Publ.: Mai 1933 (in journal), p. [154]-160. *Copy*: B. – Reprinted and to be cited from *Rhodora* 35: 154-160. 1933.

19.198. *The species of Tradescantia* indigenous to the United States ... Arnold Arboretum of Harvard University, Mass. ... 1935. Oct. (*Sp. Tradescantia*).
Co-author: Robert [Everard] Woodson (1904-1963), TL-2/7: 446-448.
Publ.: 1935, cover-t.p., p. [i], [1]-132, pl. 1-12. *Copies*: G, NY. – Issued as *Contr. Arnold Arbor. Harvard Univ.* 9, 1935.
Ref.: Rendle, A.B., *J. Bot.* 74: 61-62. Feb 1936 (rev.).

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Publ.: 21 Dec 1935 (in journal), p. [1-2]. *Copy*: B. – Reprinted and to be cited from *Nature* 136: 986. 1935.

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Publ.: Sep 1936 (date on cover reprint), p. [i], 511-524. *Copy*: U. – Reprinted and to be cited from *Ann. Missouri Bot. Gard* 23: 511-524. 1936.

19.201. *Cytology in its relation to taxonomy* ... Reprinted ... from *Botanical Review* ... 1937. Oct.
Publ.: Jun 1937 (in journal), p. 335-350. *Copy*: B. – Reprinted and to be cited from *Bot. Rev.* 3: 335-350. 1937.

Anderson, Lewis Edward (1912-x), American botanist (bryologist), educated at Mississippi State College B.S. 1931; studied at Duke University, 1933; University of Pennsylvania, Ph.D. 1936; assistant in botany at Duke University 1931-1935; fellow in botany at the University of Pennsylvania 1933-1935; assistant instructor id. 1935-1936; from 1936 at Duke University as instructor of botany, later professor of botany until 1983. (*L.E. Anderson*).

HERBARIUM and TYPES: DUKE (bryol.), further material at DPU (now NY), PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 56 (b. 16 Jun 1912, Courtland, Miss.); GR p. 203.

BIOFILE: Anderson, L.E., *Ann. Missouri Bot. Gard.* 61: 56-85. 1974 (25 years of bryology).
 Anon., *Taxon* 31: 149. 1982 (H.A. Gleason award), 32: 343. 1983 (on Festschrift; retirement).
 Crum, H., *Monogr. Syst. Bot. Missouri Bot. Gard.* 11: 1-23. 1985 (tribute, portr. bibl.).
 Ewan, J. et al., *Short hist. bot. U.S.* 96. 1969.
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[I: by: H.L. Blomquist, Bryologist 40(4): 19-61. 1937 (*Sphagnum*)].

2: Feb 1938 (date on cover), cover-t.p., p. [1]-11. – Reprinted and to be cited from Bryologist 41(1): 1-11. 1938. Copy: Gr-V.

3-4: Aug and Oct 1938 (date on cover), cover-t.p., [3], p. [82]-90. – Id. 41(4): 82-90. 1938, and [4], [118]-123. – Id. 41(5): 118-123. 1938. Copy: Gr-V.

5: Jun 1939 (date on cover), cover-t.p., p. [62]-70. – Id. 42: 62-70. 1939. Copy: Gr-V.

6: Sep 1951 (in journal). – Id. 54: 145-161. 1951 (no reprint seen).

7: Sep 1958 (in journal). – Id. 61: 204-213. 1958 (id.).

8: Dec 1958 (in journal). – Id. 61: 285-313. 1958 (publ. 1959) (id.).

Anderson, Robert Henry (1899-1969), Australian (N.S.W.) botanist, studied at Sydney University, B.Sc. Agr. 1921, on active service 1918-1919, botanical assistant National Herbarium and Botanic Gardens Sydney 1921, id. assistant botanist 1925, botanist and curator 1936, chief botanist 1939, chief botanist and curator 1945, director from 1960-1964. (*R.H. Anderson*).

HERBARIUM and TYPES: NSW, further material at HH, MEL, MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 56; IH 2: 36.

BIOFILE: Anon., Taxon 13: 147. 1964 (retirement after 43 yrs. of service); Fl. males. Bull. 27: 2143. 1974 (b. 1885, prob. erroneous).

Frodin, D.G., Guide standard floras world 432, 232a. 1984.

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Vickery, J.W., Contr. N.S.W. Natl. Herb. 4(5): 245-249, pl. 17 (portr.). 1972 (biogr., bibl., portr.).

19.203. *The trees of New South Wales* ... Sydney (Alfred James Kent, ...) 1936. Oct. (*Trees N.S.W.*).

Ed. 1: 1936, p. [i-v], [1-2], map, [3]-244. Copy: NSW.

Ed. 2: Oct-Dec 1947 (NSW copy stamped 11 Jul 1948; p. iii, v: Sep 1947), frontispiece, p. [i]-xxvi, map, [1]-453, 4 pl. (col. phot.). Copy: NSW.

Ed. 3: n.v.

Ed. 4: 1968, p. [i]-xxvi, (1)-510. No copy seen.

* **Anderson, Thomas** (1832-1870), Scottish botanist and physician, MD Edinburgh 1853, in the Bengal Medical Service 1854-1858, superintendent of the Calcutta Botanical Gardens, 1860/61-1868, visited as such Java 1861 to obtain Cinchona stock for Darjeeling, returned to Edinburgh 1868. (*Th. Anderson*).

HERBARIUM and TYPES: B, BM, BR, CAL, CN, K, L, LE, M, NANCY, OXF, P, W. – Manuscripts K (corr. W.J. Hooker).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 26; Barnhart 1: 57; BB p. 7; BM 1: 43; Bret. p. 360; Clokie p. 121; CSP 1: 65, 7: 33, 9: 43, 12: 16; Desmond p. 13 (b. 26 Feb 1832, Edinb., d. 26 Oct 1870, q.v. for further lit.); DNB 1: 392; Hortus 3: 1187; IH 1 (ed. 6): 355, 2: 36; Jackson p. 384, 388, 451; Kew 1: 58; MW p. 4; PR 152-154; Rehder 5(index): 16-17; SK 1: 15, 598, 8: x; TL-2/1: 45; Tucker 1: 37; Urban-Berl. p. 292, 325; Zander ed. 10, p. 590, 628, ed. 11, p. 713.

BIOFILE: Anon., J. Bot. 8: 368. 1870 (obit., list publ.); Flora 53: 490. 1871 (death notice), 54: 79. 1871 (succeeded as dir. Bot. Gard. Calcutta by King); Curtis Bot. Mag. dedic. 1827-1927, 151-152. 1932 (portr.).

Balfour, I.B., Trans. bot. Soc. Edinburgh 11: 41-45 (obit., list publ.).

Blatter, E., Fl. Aden 11-14. 1914 (on his stay in Aden 1859 and his *Florula adenensis* 1860); Rec. Bot.-Surv. India 8(5): 474. 1933.

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Burkill, I.H., Gard. Straits Settlem. 4(4/5): 116. 1927 (1861 journey to Java for Cinchona, coll. at Singapore); Chapt. hist. bot. India 129, 130, 131, 133, 135, 137, 144, 147, 168, 232. 1965.

Laclette, T.P.H., Rodriguésia 3(11): 258. 1937.

Steenis-Kruseman, M.J. van, Fl. males. ser. 1. 1: 15. 1950.

COMPOSITE WORKS: *Cruciferae* (with J.D. Hooker), *Fl. Brit. India* 1(1): 128-167. Mai 1872; *Guttiferae*, id. 1(2): 258-278. Jan 1874.

19.204. *Florula Adenensis*. A systematic account, with descriptions, of the flowering plants hitherto found at Aden ... London (Longman, Green, Longmans and Roberts, and Williams and Norgate) 1860. Oct. (*Florula Aden.*).

Publ.: 31 Dec 1860 (date on cover-t.p.), cover-t.p., p. [i]-xxiv, [1]-47, *pl.* 1-6 (uncol. liths. W. Fitch). *Copy*: G. – Issued as J. Proc. Linn. Soc., Suppl. to vol. 5, Bot. 1860.

19.205. *On the flora of Behar and the Mountain Parasnath*, with a list of the species collected by Messrs. Hooker, Edgeworth, Thomson and Anderson ... Journal of the Asiatic Society ... 1863. Oct.

Publ.: 1863, J. Asiat. Soc. Bengal 32(3): 189-218. 1863; reprints exist but not seen by us.

19.206. *Catalogue of plants cultivated in the Royal Botanic Gardens Calcutta from April 1861 to 28th September 1864*. Calcutta (printed at Bishop's College Press) 1865. (*Cat. pl. Calcutta*).

Publ.: Apr-Dec 1865 (p. iv: 28 Mar 1865), p. [i]-iv, [1]-81, [i]-xvii (index), [xviii] (impr.). *Copies*: B-S, HH, L, NY; IDC 6450.

Andersson, Axel, (1895-x), Swedish botanist, Ph.D. Lund 1931, lector in botany at Malmö. (*Ax. Andersss.*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Dahlgren, K.V.O., in R.E. Fries, Short hist. bot. Sweden 91. 1950.

19.207. *Studien über die Embryologie der Familien Celastraceae, Oleaceae und Apocynaceae*. Akademische Abhandlung ... zur Erlangung der philosophischen Doktorwürde den 29 Mai 1931 ... Lund (Håkan Ohlssons Buchdruckerei) 1931. Oct. (*Stud. Embryol. Celastrac. Oleac. Apocyn.*).

Publ.: 27 Mai 1931 (date defense thesis; Nat. Nov. Aug 1931), p. [i, dissertation t.p.], [1]-110, [111-112], *pl.* 1-4 (uncol. phot.). *Copies*: MO, U. – Issued as Lunds Univ. Årsskr., ser. 2. Avd. 2, 27(7), also K. Fysiogr. Sällsk. Handl., ser. 2. 42(7). 1931.

Andersson, Carl, (1818-1846), Swedish botanist, studied at Uppsala University 1838, med. cand. ib. 1843, med. lic. ib. 1845. (*C. Andersss.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 43; KR p. 30 (b. 12 Oct 1818 Kristinehamn, d. 17 Jun 1846 ib.).

19.208. *Observationes stirpium circa Christinehamn provenientium*. Quas venia experientiss. Facult. Med. Upsal. praeside Doct. Georgio Wahlenberg ... p.p. auctor Carolus Andersson vermelandus stip. reg. in Auditorio Linnaeano d. xxiii novembris mdcccxlii. h.p.m.s. Upsaliae [Uppsala] (Wahlström & Låstbom) [1842]. Oct. (*Obs. stirp. Christinehamn*).

Publ.: 23 Nov 1842 (date of defense thesis), p. [i, t.p.], [1]-10. *Copies*: GB-UB, LD. – KR (p. 30) no. 1.

Ref.: Anon., *Flora* 28: 316-318. 28 Mai 1845 (rev.).

A., *Bot. Zeit.* 2: 606-607. 23 Aug 1844 (rev.).

* **Andersson, [Carl Filip] Gunnar** (1865-1928), Swedish botanist, educated at a secondary school in Ystad and the cathedral school at Lund until 1884; at the University of Lund with F.W.C. Areschoug 1884, specializing in plant anatomy, Dr. phil. Lund 1892, curator at the palaeobotanical department of the Stockholm Riksmuseum 1891-1898; lecturer in plant geography at the University of Stockholm 1893, id. for botany 1899, botanist at the Forestry Research Institute in Stockholm 1903, lecturer at the Forestry Institute 1906-1909, professor of economic geography at the Stockholm College of Commerce from 1909; travelled to Italy 1892, Spitsbergen 1898, North America 1912, Australia 1914. (*G. Andersson*).

HERBARIUM and TYPES: C, GB, H, M (lich.), S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 58; BL 2: 459, 515, 519, 623; BM 6: 23; Bossert p. 11; Collander *Hist.* p. 86, 93; CSP 13: 65; IH 2: 36, 273; Kew 1: 59; KR p. 30-35 (detailed bibl.); Quenstedt p. 9; Rehder 1: 358, 2: 115; TL-2/1: 45; Tucker 1: 37.

BIOFILE: Almborn, O., *Bot. Not.* 133: 458. 1980.

Anon., *ÖBZ* 43: 268. 1893 (appt. lecturer Stockholm); *Bot. Not.* 1893: 136, 1895: 36, 1898: 44, 1899: 191, 1900: 48, 1928: 319 (personalia); *Handelshögskolans i Stockholm årsberättelse 1909-1910*, 9 p. (biogr. notes, detailed list of travels and bibl. up to 1910; important source); *Hedwigia Beibl.* 69(1): 95. 1929 (d. 15 Aug 1928 Djursholm nr. Stockholm).

Fries, R.E., *Short hist. bot. Sweden* 47, 72, 75. 1950.

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Oswald, H., in R.E. Fries, *Short hist. bot. Sweden* 151-153. 1950.

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Publ.: 15 Dec 1885 (date on p. 208 of journal issue), p. 101-102. *Copy*: HU. – Reprinted and to be cited from *Bot. Not.* 1885: 101-102 (possibly a tearsheet copy).

19.210. *Studier öfver torfmossar i Södra Skåne ...* Stockholm (Kongl. Boktryckeriet, P.A. Norstedt & Söner) 1889. Oct. (*Stud. torfmoss. Skåne*). (= TL-2/122).

Publ.: Jun-Jul 1889 (read 8 Mai 1889; *Nat. Nov.* Aug 1890), p. [1]-43. *Copies*: B, G, L, NY, U; IDC 7670 (243-244). – Issued as *Bih. k. Sv. Vet.-Akad. Handl.* 15 (Afd. 3), no. 3. 1889.

19.211. *Torfmossarnes bidrag till kännedomen om Skandinaviens forntida växtgeografi ...* Jönköping (H. Halls Aktiebolag Boktryckeri) 1890. Oct.

Publ.: 1890, p. [1]-22. *Copy*: LD. – Reprinted and to be cited from Sv. Mosskulturför. Tidskr. 1890: 1-22 (n.v.). – KR no. 7.

19.212. *Tvenne för Sverige nya växtarter ... Botaniska Notiser ...* 1902. Oct.

Publ.: 1 Apr 1902 (in journal), p. 81-89. *Copies*: G, L. – Reprinted and to be cited from Bot. Not. 1902: 81-89.

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Thesis issue: 27 Mai 1892 (date of thesis), p. [i-iv], [1]-57, 1 pl. *Copy*: GB-UB. – Preprinted [or reprinted] from K. Fysiogr. Sällsk. Lund Handl. 3. 1892; also as Arb. Lunds Bot. Inst. 13.

Regular issue: 1892, p. [i-iv], [1]-57, 1 pl. (uncol. lith.), [i*, rättelser]. *Copies*: B, LD, NY. – Reprinted or preprinted as above; also issued as Lunds Univ. Årsskr. 28 (andra afd. 7). 1892.

19.214. *Studier öfver svenska växtarters ubredning och invandrings vägar ...* I. *Alnus glutinosa* (L.) J. Gaertn. och *Alnus incana* (L.) Willd. ... 1893. Oct.

Publ.: 8 Dec 1893 (in journal), p. [217]-239. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1893: 217-239. – Not continued. – KR no. 16: Addition in Bot. Not. 1894: 110.

19.215. *Svenska växtvärldens historia*, i korthet framställd ... Stockholm (P.A. Norstedt & Söners Förlag) [1896]. Oct. (*Sv. växtvärl. hist.*).

Ed. 1: Feb 1896 (preface Jan 1896, Nat. Nov. Mar (1) 1896), p. [i-iv], [1]-106, folded map (col.). *Copies*: GB-UB, LD. – “Från Stockholms populära föreläsningar. – Lecture Univ. Stockholm 21 Jan 1894”.

Ed. 2: Sep-Dec 1896 (preface Sep 1896), p. [i-iv], [1]-136, folded map (col.). *Copies*: B. Peterson, LD. – “Andra tillökade upplagan”.

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Ref.: Nilsson, A., Tidskr. Skogshushållning 1896: 113-121 (detailed review, copy of reprint in B. Sarauw, G.F.L., Bot. Centralbl., Beih. 6(4): 265-267. 1896 (rev. of ed. 2).

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Publ.: Mar-Jul 1896 (read 12 Feb 1896, Bot. Zeit. 1 Sep 1896), p. [1]-24, pl. 1-2 (uncol. liths. auct. & Th. Jansson). *Copies*: B, G, L, NY, U; IDC 7670 (394-395). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 22 (Afd. 3), 1.

Ref.: Solms, H., Bot. Zeit. 54: 267. 1896 (rev.).

19.217. *Studier öfver Finlands Torfmossar och fossila kvartärflora ...* Helsingfors (Bulletin de la Commission géologique de Finlande) 1898. Oct. (*Stud. Finl. Torfmoss.*).

Publ.: 1898, p. [i-iv], [1]-210 (p. 181-210 deutsches Referat), pl. 1-4 (uncol. liths. Th. Ekblom). *Copies*: G, NY. – Issued as Bull. Comm. géol. Finl. no. 8, also as Fennia 15(3). 1898. – *Algae* (p. 141-142) by Nils Gustaf von Lagerheim (1860-1926), see TL-2/2: 722-724, *Diatoms* by Per Theodor Cleve (1840-1905), see TL-2/1: 511. – See KR no. 29. – Finnish abstract: Lyvk. yst. 4: 53-58, 113-114, 4 pl. 1900 (n.v., fide KR).

19.218. *Bidrag till kännedomen om Spetsbergens och Beeren-Eilands kärllväxtflora grundade på iakttagelser under 1898 års Svenska polarexpeditionen ...* Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1900. Oct. (*Bidr. Spetsb. kärllväxtfl.*).

Co-author: [Oskar August] Henrik [Wilhelm] Hesselman (1874-x). KR p. 291-294.

Publ.: 1900 (read 10 Jan 1900; Nat. Nov. Jun (1) 1901; Bot. Jahrb. 4 Dec 1900), p. [1]-88, pl. 1-4 (1-2 uncol. liths., 3-4 phot.). *Copies:* B, G, L, NY, U; IDC 7670 (487-488). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 26 (Afd. 3) 1. 1900.

Ref.: Engler, A., Bot. Jahrb. 29 (Lit.): 34. 1901 (rev.).

19.219. *Physische Geographie von Schweden in ihren Hauptzügen dargestellt ...* Sonderabdruck aus “Schweden,” ... Stockholm 1900. Oct.

Publ.: 1900, cover-t.p., p. [21]-32. *Copy:* B. – Reprinted and to be cited from “Schweden, Reisehandbuch herausgegeben vom Schwedischen Touristenverein” [sic] ed. 2. Stockholm 1900.

19.220. *Växtlivet inom öfre Dalarna ...* [Stockholm] (Isaac Marcus Boktryckeri-Aktiebolag) 1902. Oct. (*Växtliv. Dalarna*).

Publ.: 1902 (imprint on p. 40), p. [1]-40. *Copy:* L. – Preprinted from Schenström et al., *Öfre Dalarna forr och nu ...* Stockholm 1903 (fide KR no. 37).

19.221. *Tvenne för Sverige nya växtarter ...* Bot. Not. 1902. Oct.

Publ.: 1 Apr 1902 (in journal; Nat. Nov. Mai (2) 1902), p. 81-89. *Copies:* B, L. – Reprinted and to be cited from Bot. Not. 1902: 81-89. – KR no. 35.

19.222. *Röd snö ...* Ur Svenska Turistföreningens Årsskrift. 1902. Oct.

Publ.: 1902, cover-t.p., p. [376]-383. *Copy:* L. – Reprinted and to be cited from Svenska Turistföreningens Årsskrift 1902: 376-383. – Imprint on cover p. [4]; Centraltryckeriet Stockholm 1902. – KR no. 34.

19.223. *Das nacheiszeitliche Klima von Schweden und seine Beziehungen zur Florentwicklung ...* Zürich-Oberstrass (Druck von J.F. Kobold-Lüdi) 1903. Oct.

Publ.: 1903 (read 4 Mai 1903), cover-t.p., p. [1]-17, 3 pl. (drawings). *Copy:* L. – Reprinted and to be cited from Ber. Zürich. bot. Ges. 8: 22-38, 3 pl.

Swedish version: Nord. Tidskr. 1903: 1-26; for additional information on both German and Swedish texts see KR no. 39 (a) and (b).

19.224. *Några drag ur de svenska skogarnes historia ...* Skogsvårdsföreningens Tidskrift ... 1903. Oct.

Publ.: 1903, cover-t.p., p. [3]-22. *Copy:* L. – Published and to be cited from Skogsvårdsför. Tidskr. 1903(1): 3-22.

19.225. *Skogssköfving och skogssodling i Cevennerna ...* Skogsvårdsföreningens Tidskrift ... 1903. Oct.

Publ.: 1903, cover-t.p., p. [213]-234. *Copy:* L. – Reprinted and to be cited from Skogsvårdsför. Tidskr. 1903(7): 213-234. 1903.

19.226. *Vegetation och flora i Hamra Kronopark ett bidrag till kännedomen om den Svenska urskogen och dess omvandling ...* Stockholm (Centraltryckeriet) 1907. Oct.

Publ.: 1907, p. [35]-102, [vii]-xii (German summary). *Copy:* L. – Reprinted and to be cited from Skogsvårdsför. Tidskr. 1907(2): 41-110. 1907. – The German summary was added to the reprint. Swedish text also, with double pagination, issued as Medd. Statens Skogförs.-Anst. Hef 4. 1907. – See KR no. 49.

19.227. *Den Norrländska florans geografiska fördelning och invandringshistoria med särskild hänsyn till des Sydsandinaviska arter ...* Uppsala & Stockholm (Almqvist & Wiksells

Boktryckeri A.-B.) 1912. Oct. (*Norrländska fl. geogr. fördeln.*).

Co-author: Selim Birger (né Andersson) (1879-1931), younger brother of C.F.G. Andersson.

Publ.: Nov-Dec 1912 (adv. on p. [4] of cover-t.p.: "Uppsala i November 1912"; Bot.

Centralbl. 4 Feb 1913; ÖBZ Apr 1913), cover-t.p., p. [i, t.p.]-viii, [1]-416. *Copies:* B, NY.

German summary: Bot. Jahrb. 51: 502-593. 1914.

Ref.: Grevillius, A.Y., Bot. Centralbl. 122(20): 477-479. 20 Mai 1913 (rev.).

19.228. *Stockholmstraktens växter* förteckning över fanerogamer och kärllkryptogamer med fyndorter och trekvensuppgifter utgiven av Botaniska Sällskapet i Stockholm ... Stockholm (P.A. Norstedt & Söners Förlag) [1914]. Oct. (*Stockholmstrakt. växt.*).

Authorship: Gunnar Andersson, Johan Berggren (b. 1846), Johan Wilhelm Hamner (b. 1870), Carl Daniel Govert Indebetou (b. 1875) and Nils Olaf Waldemar Sylvén (1880-1969).

Publ.: 1914 (date on p. [ii]), p. [i*-ii*], [i]-lxi, [1]-217, map. *Copies:* NY, B. Peterson. – KR no. 59.

Ed. 2: 1937 (p. iv: printed 1937), p. [i]-cxxxiii, [1]-364, map. *Copies:* L, B. Peterson, HH. – Editors: Erik Almquist & Erik Asplund.

* **Andersson, Nils Johan** (1821-1880), Swedish (Kalmar) botanist, studied at the University of Uppsala 1840, Dr. phil. 1845, lecturer in botany Uppsala 1846, natural history teacher Stockholm 1847, lector in botany and zoology ib. 1858-1874, appointed (but not effected) assistant in botany at the University of Lund 1855, professor and curator of the botanical collections of the Stockholm Riksmuseum 1856-1879, succeeding J.E. Wikström; botanist on the circumnavigation of the frigate Eugenie 1851-1853. (*N.J. Andersson*).

HERBARIUM and TYPES: S; for collections made on voyages and their distribution see IH 2: 36. – *Flora Lapponica exsiccata* 1861, 15 sets issued, see also IH 2.

NOTE ON NAME: Andersson's name was spelled "Anderson" on several of his publications, see KR p. 36, footnote.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 58; BL 2: 474, 509, 528; BM 1: 44; DTS 1: 4; Frank 3(Anh.): 4-5; Hortus 3: 1187; IF p. 675; IH 2: 36; Jackson see index; KR p. 36-42 (88 nos.), see also p. 1 "A" (b. 20 Feb 1821 Gärdserum, d. 27 Mar 1880, Bergielund nr. Stockholm); LS 944; ME 2: 52; Morren ed. 2, p. 31; NI 25-27; PR 155-169, ed. 1: 217-218; Rehder 5(index): 17; SK 4: 16, 5: cclv; Svensk Biogr. Lex. 1: 701-705. 1918; TL-1: 6; TL-2/1: 45-48, 4: 7247, 7759, 5: see J. Steetz; Tucker 1: 37; Urban-Berl. p. 292, 325; Zander ed. 10, p. 628, ed. 11, p. 714.

BIOFILE: Andersson, N.J., Hoppea 42: 317. 1984 (member Regensb. bot. Ges. 1850).

Anon., Bonplandia 2: 8 (appt. Lund [not effected], 189 [visits B and will proceed to W]).

1854, 4: 240. 1856 (member Akad. Stockholm), 5: 95. 1857 (appt. member Leopoldina, cogn. Wikström); Bot. Not. 1845: 174, 1846: 96, 157, 1857: 85, 211, 1879: 167, 1880: 63, 1939: 279; Bot. Zeit. 10: 391. 1852 (botanist on circumnav. Eugenie), 37(3): 46. 1879 (retires because of failing health); Bot. Centralbl. 1/2(6): 192. 1880 (obit. not.); Generalreg. Bot. Not. 1839-1938: 3-4, 86. 1939; J. Bot. 18: 192. 1880 (obit. not.); Leopoldina 16: 66, 94-95. 1880 (id.); Nat. Nov. 2: 71. 1880 (d.); Nationalencycopedi 1: 338. 1989.

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COMPOSITE WORKS: (1) Editor [Nya] *Botaniska Notiser* 1849-1851.

(2) Translated into Swedish, with additions and notes of S. Unger, *Vexternas anatomi och physiologi* ... Stockholm 1852. See TL-2/15.599.

(3) *Euphorbia flabellaris*, in E. Boissier, in *Euphorbia*, DC. et al., Prodr. 15(2): 17. 1862.

(4) *Salix*, in A.S. Örsted, *Frilands-traevaest* 1, 1864. See TL-2/7026.

(5) *Gramineae*, in W.C.H. Peters, *Naturwiss. Reise Mozambique*, Bot. 2: 546-564, pl. 60. 1864.

(6) *Gramineae*, in W.G. Walpers, Ann. Bot. 6(6): 934-960. 1864, 6(7): 961-1072. 1865.

(7) *Gymnanthelia* Andersson et al., in G. Schweinfurth, *Beitr. Fl. Aethiop.* 1: 299. 1867. – See TL-2/11.459.

(8) *Salicineae*, in DC. et al., Prodr. 16(2): 190-323. med. Jul. 1868. See TL-2/1: 46.

(9) *Salix*, in M.N. and A. Blytt, *Norges flora* 2(1): 418-484. 1874; also reprinted in *Norges Salix*, Christiania 1864, 69 p.

19.229. *Skandinaviens växter beskrifne och analytiskt afbildade* ... Stockholm (På Z. Haeggströms Förlag) 1849-1852, 2 parts. Oct. (*Skand. växt.*).

1: (*Skandinaviens Cyperaceer*): 1849, p. [i*-ii*], [i-viii], [1]-76, [i-iii], 8 pl. – Other t.p.: *Skandinaviens Cyperaceer* eller de i Danmark, Sverige, Norge og Finland vildt växande half-gräsbekrifne och afbildade af N.J. Andersson, ... Med. företal af Elias Fries, ... Stockholm (tryckt hos Lundberg & C:ie.).

2: (*Skandinaviens Gramineer*): 1852, p. [i]-xiv, [1]-122, 12 pl. – Other t.p.: *Skandinaviens Gramineer* eller de i Danmark, Sverige, Norge og Finland vildt växande gräs ... Stockholm (Zacharias Haeggström).

Copy: B. Peterson (who also contributed the above text).

Latin edition: 1849-1852, see TL-2/127. – Additional copy seen: MO.

Other issue of plates: s.d., Afbildningar af Skandinaviens växter tecknade af N.J. Andersson.

1:sta Häftet: Halfgräsen (cover-t.p., pl. 1-8), 2:dra Häftet: Gräsen, med beskrifningarne i Särskild Häfte. Copies: GB.

19.230. *Atlas öfver den Skandinaviska florans naturliga familjer* ... Stockholm (General Stabens Lithografiska Inrättning ...) 1849. Oct. (*Atl. Skand. fl. fam.*).

Publ.: 1849, p. [i-v], 1-29, pl. 1-29. Copies: B-S, MO, NY. – KR no. 62.

19.231. *Berättelse öfver en Resa genom Skåne och Halland under sommaren år 1846* ... [Bot. Årsber. 1846]. Oct.

Publ.: 1846, p. [3]-27. Copy: G. – Reprinted and to be cited from J.E. Wikström, Bot. Årsber. 1843/44: 3-27. 1846. – See also Bot. Not. 1849: 44-47.

19.232. *Ost-Indiens hittills kända Pilarter* (Salices); ... [Sv. Vet.-Akad. Handl. ... 1851]. Oct.

Publ.: 1851 (mss. submitted 11 Mar 1851), p. [463]-502. Copy: G. – Reprinted and to be cited from Sv. Vet.-Akad. Handl. 1850: 463-502. 1851; diagnoses of new species also in Flora 36: 698-702. 1853.

English text: 1859, J. Linn. Soc., Bot. 4: 39-58. 1859 [p. 39-48: 1 Jul 1859; p. 49-58: 19 Sep 1859].

- 19.233.** *Om de med Saccharum beslägtade genera ...* Öfvers. af K. Vet.-Akad. Förh. ... 1855. Oct.
Publ.: Shortly after 14 Mar 1855 (date of presentation at Academy), p. 151-168. *Copies*: G(2),
 MO. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 12: 151-168. 1855.
- 19.234.** *Monographiae Andropogonearum ... I. Anthistirieae ... Holmiae* [Stockholm] (Ex-
 cudebant P.A. Norstedt & Filii, ...) 1856. Qu. (*Monogr. Andropogon.*).
Publ.: 1856, p. [i, t.p.], [1]-27, pl. 3 (uncol. lith.). *Copies*: G, MO, NY. – Preprinted or
 reprinted from Nova Acta Ups. Soc. Sc. ser. 3. 2(1): 229-255, pl. 3. 1856.
- 19.235.** *Slägtet Trachypogon ...* Öfvers. af K. Vet.-Akad. Förh. ... 1857. Oct.
Publ.: 11 Feb 1857 (in journal), p. 45-52. *Copy*: MO. – Reprinted and to be cited from Öfvers.
 K. Vet.-Akad. Förh. 14: 45-52. 1857.
- 19.236.** *Bidrag till kännedomen om de i Nordamerica förekommande pilarter (Salices) ...*
 Öfvers. af K. Vet.-Akad. Förh. ... 1858. Oct.
Publ.: 1858 (read at Akad. 17 Mar 1858), p. 109-133. *Copy*: NY. – Reprinted and to be cited
 from Öfvers. K. Vet.-Akad. Förh. 15: 109-133. 1859.
- 19.237.** *De kring Stockholm allmännaskförekommande växternas kännetecken ...* [Stockholm
 (tryckt hos J. & A. Riis) 1862]. Oct. (*Stockholm förek. växt.*).
Authorship: Published anonymously but fide O. Almborn to be ascribed to N.J. Andersson.
Publ.: 1862 (date on p. [24]), p. [1]-23, [24]. *Copy*: LD-UB.
- 19.238.** *Aperçu de la végétation et des plantes cultivées de la Suède ...* Stockholm (P.A.
 Norstedt et fils ...) 1867. Oct. (*Aperçu vég. pl. cult. Suède.*).
Publ.: Oct-Dec 1867 (p. iv: 22 Sep 1867), cover-t.p., p. [i-iv], [1]-94, [95, expl. pl.; 96 table],
 2 unnumbered pl. (uncol. liths.), maps i-viii. *Copies*: B, G, L, MO, NY.
Other issue: Partial reprint from Ann. Sci. nat., ser. 5, Bot. 7: 230-300 (without pl.). 1867.
Danish version (n.v., fide KR): by C.C.H. Gronlund, in Tidsskr. Havevesen 2: 287-303,
 313-319, 329-337. s.d.
Motto on t.p.: “La péninsule scandinave est la terre la plus habitable et jouissant du climat le
 plus doux sous une latitude boréale et élevé”.
- 19.239.** *Våra bästa mat-svamper, eller kortfattad anvisning till de i vårt land förekommande*
mest matnyttiga svamparnes igenkännande och användning ... Stockholm (tryckt hos A.
 Holmberg & Comp.) 1867. Oct. (*Våra bästa mat-svamp.*).
Publ.: 1867, p. [1]-16, 1 col. pl. *Copy*: NY. – KR no. 56.
Norwegian transl.: 1869, Christiania (H. Tønsbergs Boktrykkeri), *Spiselige svampe ...* n.v.,
 fide KR no. 56, 32 p., 1 pl., this includes also the lichens, see *Våra bästa mat-lafv.* 1868,
 below.
- 19.240.** *Svensk elementar-flora till handledning för nybegynnare vid växternas undersökning*
... Stockholm (Zacharias Haeggströms Förlag ...) 1867. Oct. (Sv. Elem.-flora).
Publ.: 1867, (p. [iv]: Apr 1867), p. [i-iv], [1]-148. *Copies*: B. Peterson, MO. – KR no. 41.
Ed. 2: (n.v.): 1871, 176 p.
Ed. 3: (n.v.): 1875, xvi, 176 p.
- 19.241.** *Våra bästa mat-lafvar. Kortfattad anvisning att ingenkänna, insamla och till fö-*
doämne bereda några af våra allmännaste lafvar ... Stockholm (Tryckt hos Ludwig Moquist)
 1868. Oct. (*Våra bästa mat-lafv.*).
Publ.: 1868, cover-t.p., p. [1]-12, 6 specimens of lichens on 2 p. *Copy*: L.
- 19.242.** *Femhundra afbildningar af mera allmänt förekommande Svenska växter. För skolan*
och hemmet med text af N.J. Andersson ... Stockholm (Zacharias Haeggströms Förlag ...) 1870.
 Oct. (*Femhundr. afb. Sv. växt.*).

1: 1870 (preface dated 18 Dec 1869), p. [i-viii], [1]-95.

2: 1870, p. [i-iii], 58 *pl.* with (unnumbered text) of [2 p.] each, index [2 p.].

Copies: GB, NY, B. Peterson. – Text by Andersson, plates taken from G. Bentham, *Handb. Brit. fl.* ed. 2, 1865, TL-2/426.

Andersson, Oscar Frederik (from 28 Mar 1891: Oscar Frederic Borge, q.v.) (1862-1938), Swedish botanist and highschool teacher, fil. kand. Uppsala 1888, fil. lic. ib. 1893, fil. dr. ib. 1895. (*O.F. Andersss.*).

HERBARIUM and TYPES: S (Phan., drawings of algae), NY.

NOTE: Andersson published only three papers KR nos. 1, 2 p.p., 24 under his original name; for further information see under O.F. Borge.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 86; KR 96-98 (sub Borge), (main bibl.).

19.243. *Bidrag till kännedomen om Sveriges Chlorophyllophyceer*. I. Chlorophyllophyceer från Roslagen ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner) 1890. Oct. (*Bidr. Sver. Chlorophyllophyc.*).

1: 1890 (read 14 Mai 1890), p. [1]-19, [20], 1 *pl.* (uncol. lith. auct.). Copies: G, U. – Issued as Bih. k. Sv. Vet.-Akad. Handl. 16 (Afd. 3) 5. 1890.

2: 1895, see O. Borge.

Andersson, Sigrid Ahlfild Elisabeth (1868-1918), Swedish botanist, daughter of N.J. Andersson, studied at the University of Stockholm 1885-1888, medical assistant at the Karolinska Institute (histological dept.) 1888, married J.G. Rissler 1895. (*S.A.E. Andersss.*).

HERBARIUM and TYPES: Unknown

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 58; BM 1: 45; KR p. 42 (b. 2 Jan 1868, Stockholm, d. 31 Oct 1918 ib.).

19.244. *Om de primära kärldrängarnes utveckling hos Monokotyledonerna ...* Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner) 1888. Oct. (*Prim. kärldräng. utv. Monokot.*). *Publ.*: 1888 (read 14 Dec 1887, Nat. Nov. Jan (2) 1889), p. [1]-23, *pl.* 1-2 (uncol. liths. auct.).

Copies: B; IDC 7670 (190). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 13 (Afd. 3) 12. 1888 and Medd. Stockholms Högskola no. 68.

* **Andrä [Andrae], Carl Justus** (1816-1885), German palaeobotanist, grew up in Breslau (Schlesien), educated at the Friedrichs-Gymnasium 1830-1835, at the University of Breslau 1839, from 1840 studying natural sciences at the University of Halle, Dr. phil. ib. 1843, highschool teacher at Halle, habil. Halle 1848 and lecturer in mineralogy and palaeontology ib., travelled and collected in Siebenbürgen and the Banat (Roumania) 1851 and worked at Vienna until 1855; teacher at the school of mines at Saarbrücken 1857-1860, curator of the palaeontology collections at Bonn 1860, professor of palaeontology at the University 1872. (*Andrä*).

HERBARIUM and TYPES: Some herbarium material at B and BHU, palaeontological collections at the University of Bonn; most herbarium material at Bonn destroyed in World War II (A. left his herb. to Bonn, see F. Wirtgen, S.B. Naturh. Ver. Preuss. Rheinl. 1907(1): E 49. 1908).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 291; Andrews ed. 2: 232; Barnhart 1: 59 (b. 1 Oct 1816, d. 8 Mai 1885); BM 1: 45; CSP 2: 66-67, 6: 565-566, 7: 34, 9: 44, 13: 100; IH 2: 37; Jackson p. 182, 186; Kanitz no. 237; Morren ed. 2, p. 6, ed. 10, p. 9; NI 28; PR 170-172; Quenstedt p. 9; Rehder 1: 445, 2: 139; TL-2/1: 48; Urban-Berl. p. 325.

BIOFILE: Anon., ÖBZ 11: 237. 1861 (appt. Bonn); Bot. Zeit. 19: 128. 1861 (appt. Bonn); Nat. Nov. 1885(10): 128 (obit. not.); Leopoldina 21(11-12): 114. Jun 1885 (brief biogr., b. 1 Nov 1816, Naumburg a.S., d. 8 Mai 1885, Bonn); Jahr.-Ber. Schles. Ges. vaterl. Cult. 63: 441-442. 1886 (obit.).

Bertkau, Ph., Verh. naturhist. Ver. preuss. Rheinl. 42: 37-44. 1885 (biogr.).

Langer, W., Argum. palaeobot. 2: 27-30. 1968 (in evaluation of A. and A. v. Guthier).

Lucante, A., Rev. bot., Bull. mens. Soc. Franç. Bot. 4: 334. 1885-1886 (obit. not.).

Simonkai, L., Enum. fl. transsilv. viii. 1886.

COMPOSITE WORKS: (1) Author of appendix of “*Siebenbürgische Tertiärpflanzen*”, in O. Heer, *Sächs.-thür. Braunk.-Fl.*, TL-2/2544.

19.245. *De formatione tertiaria Halae proxima*. Commentatio quam una cum sententiis controversis amplissimi philosophorum ordinis concensu et auctoritate in Alma Academia Fridericiana halensi cum Vitebergensi consociata pro legendi facultate rite obtinenda die xiv. m. Augusti a. mdccclxviii H.L.Q.S. assumto socio C. Hellwig publice defendet Carolus Justus Andrä philos. dr. Halis [Halle] (Typis Plöetziannis) 1848. Oct. (*Form. tert. Halae*).

Publ.: 14 Aug 1848 (date of defense thesis), p. [i], [1]-33, [34: sententiae controversae].

Copies: B-S, NSUB.

19.246. *Erläuternder Text zur geognostischen Karte von Halle a./S., ...* Halle (Verlag von C.G. Knapp's Sortiments-Handlung ...) 1850. Oct. (*Erl. Text geogn. Karte Halle*).

Publ.: 1850, p. [i]-viii, [1]-98. *Copy*: NSUB. – Information G. Wagenitz; contains diagnoses

of new fossil plant species.

19.247. *Beiträge zur Kenntniss der fossilen Flora Siebenbürgens und des Banates ...* Wien (aus der k.k. Hof- und Staatsdruckerei) 1855 [i.e. 1854]. Fol. (*Beitr. Kenntn. foss. Fl. Siebenbürgens*).

Publ.: 22 Mar 1854 (original cover on copy MO so dated), cover, p. [i, t.p.], 1-48, *pl. 1-12*.

Copy: MO. – Issued as Abh. k.k. geol. Reichsanst. 2 (Abt. 3) no. 4. 1855 [1854].

19.248. *Beiträge zur nähern Kenntniss der Sächsisch-thüringischen Braunkohlenflora von Oswald Heer. Nebst einem Anhang über einige Siebenbürgische Tertiärpflanzen von C.J. Andrae ...* Berlin (Verlag von G. Bosselmann) 1861. Qu. (*Sächs.-thür. Braunk.-Fl., Siebenb. Tert.-Pfl.*).

Authorship: Main text by O. Heer, see TL-2/2544. – Author of appendix C.J. Andrä.

Publ.: 1861 (p. iv: Dec 1860), p. [i]-iv, [1]-32, *pl. 1-10* (liths. in sepia). *Copies*: NSUB, USGS.

– Reprinted or preprinted from Abh. naturwiss. Ver. Sachsen Thüringen 2: 407-438, *pl. 1-10*. 1861, text by Andrä on p. 1-32, *pl. 1* (journal: 407-438, *pl. 1*), *Ein neuerer Beitrag zur Kenntniss der Tertiärflora Siebenbürgens*.

See also: C.J. Andrä, *Beiträge zur Kenntniss der fossilen Flora Siebenbürgens ...* Abh. k.k. geol. Reichsanst. 2 (Abt. 3) no. 4: [1]-48, [49], *pl. 1-12* (uncol. liths.). *Copy* of journal *publ.*: B-S. – Possibly also issued separately.

Ref.: Schlechtendal, D.F.L. v., Bot. Zeit. 29: 359-360. 29 Nov 1861 (rev.).

19.249. *Vorw. Pfl. Steinkohlengeb. preuss. Rheinl.* (TL-2/131).

Publ.: 1865-1870, reviews of part 1 by D.F.L. v. Schlechtendal, Bot. Zeit. 23: 180. 2 Jun

1865 and Anon., Bull. Soc. bot. France (Rev. Bibl.) 13: 108. 1866. – Also on microfiche IDC 8414.

* **André, Édouard [François]** (1840-1911), French horticulturist and botanical explorer, studied botany with Decaisne at the Muséum d' Histoire naturelle, Paris; head-gardener of the municipality of Paris, teacher at the École d' Horticulture, Versailles; travelled in the Northern Andes 1875-1876. (*Éd. André*).

HERBARIUM and TYPES: K (orig. herb, 14.250), further material at E, F, G, HH, MPU, NY, P, US, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 296; Barnhart 1: 59 (b. 17 Jul 1840, Bourges; d. 25 Oct 1911, La Croix, Blère, Indre-et-Loire); BM 1: 45; IH 2: 37; Morren ed. 2, p. 19, ed. 10, p. 56, 63; NAF 28 B(2): 317; NI no. 29, 2: 17; Rehder 1: 58, 59, 60, 345, 5(index): 17-20; TL-2/1: 48-49, TL-2/4: 5377, 6784, 9263, 9662; Tucker 1: 37-38; Zander ed. 10, p. 628, ed. 11, p. 714.

BIOFILE: Acosta-Solis, M., Inst. Cienc. nat. Contr. 65: 41-42. 1960 (details on collecting activities in S. America, portr.).

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Smith, L.B., Plant Life 1: 31-39. 1945 (coll. Colombia, Ecuador); Phytologia 12: 401-413, map. 1965 (itin., exp. A. northern Andes 1875-1876).

Wittmack, L., Gartenflora 61: 4-6. 1912.

COMPOSITE WORKS: (1) Editor of *Illustration horticole* 1868-1880, see C.A. Lemaire, Composite works.

(2) Editor-in-chief *Revue horticole* 1882-1911.

(3) See TL-2/6449, J. Müller-Arg., *Les lichens neo-granadiens* 1879.

(4) See C. de Candolle, *Piperaceae andreanae*, Bull. Herb. Boissier ser. 2, 5: 696-711. 1907.

(5) See É. Marchal, *Not. Hédérac*. 1880.

(6) G. Nicholson, *Dictionnaire pratique d'horticulture* 1892-1895, 5 vols., see TL-2/6784, André collaborator.

(7) Co-author with August Rivière, *Fougères*, TL-2/9263.

(8) See C. Roumeguère, *Les lichens neo-granadiens et ecuadoriens* 4 Oct 1879, TL-2/9680, André collector. *Review*: Anon., Bull. Soc. bot. France 26 (Rev. Bibl.): 170. 1879.

19.250. *Plantes de terre de bruyères* description, histoire et culture des Rhododendrons, Azalées, Caméllias[,] Bruyères, Épacris, etc. et des principaux genres d'arbres, arbustes[,] arbrisseaux et plantes vivaces de plein air ou de serre que l'on cultive en terre de bruyères ... Paris (Librairie agricole de la Maison rustique) [1864]. Oct. (*Pl. terre bruyères*).
Publ.: 1864, p. [i*-iii*], [i]-iv, [1]-388. *Copy*: G.

19.251. *Le Sapin argenté de Masson* (*Abies pectinata* Massoni, Éd. André) s.l.n.d. [Paris 1869]. Oct..

Publ.: 1869 (in journal), p. [1]-8, *Copy*: G. – Reprinted and to be cited from Ill. hort. 17: 106-107 [sic]. 1870.

19.252. *Rapport sur une mission scientifique dans l'Amérique du Sud* ... Paris (Imprimerie nationale) 1878. Oct. (in half sheets). (*Rapp. miss. sci. Amér. Sud.*)

Publ.: 1878 (p. 38: Feb 1876, sic), p. [1]-38, *pl. 1-3* (uncol. liths.). *Copy*: G. – Reprinted from Arch. Miss. sci. litt. ser. 2. 5. 1878 (n.v.), see also Bull. Soc. Geogr., Paris 18: 209-231. 1879.

19.253. *L'art des jardins. Traité général de la composition des parcs et jardins ...* Paris (G. Masson, ...) [1879]. Oct. (*Art jardins*).

Publ.: 1879 (preface Jan 1879), p. [i*-vi*], [i]-viii, [1]-888, 9 *pl.* (col. with text). *Copies*: G, MO, NY.

Ref.: Anon., Bull. Soc. bot. France 26(Bibl.): 23-24. 1879 (after 15 Aug) (rev.).

19.254. *Énumération des Broméliacées récoltées en 1875-76 ...*, dans l'Amérique du Sud (Vénézuéla, Colombie, Écuador) et diagnoses des espèces nouvelles ... Orléans (Imprimerie de Georges Jacob ...) 1888. Oct. (*Énum. Bromél. 1888*).

Publ.: 13 Dec 1888 (date on t.p.), p. [1]-8. *Copies*: G, L, MO.

19.255. *Bromeliaceae Andreanae ...* [1889], TL-2/132.

Publ.: Sep 1889 (p. xi: 24 Aug 1889; Soc. bot. France mentions receipt on séance 8 Nov 1889; J. Bot. [Morot] 19: lxxxv-lxxxvi. 1 Oct 1889 (rev.).

English translation: 1983. *Bromeliaceae andreanae ...* an accounting of his explorations and collections in Colombia, Ecuador & Venezuela ... Berkeley, California (Twowindows Press) 1983. – Notice of publication Taxon 35: 441. Mai 1986; p. [i]-xxxiii, [xxxiv], 1-211, [212-213], 40 *pl.* in pagination. *Copy*: MO. – 600 copies printed.

André, Eugène (x-1922), French orchid collector for Sander and Sons. (*Eug. André*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 59 (d. 30 Dec 1922, Trinidad).

19.256. *A naturalist in the Guianas ...* London (Smith, Elder & Co., ...) 1904. Oct. (*Naturalist Guianas*).

Publ.: 1904, p. [i], portr., [iii]-xiv, [1]-310, 31 unnumbered *pl.* (uncol phot.), 2 col. liths. in text, 1 map. *Copies*: B-S, G, MO, NY, U. – *Preface* by J. Scott Keltie (secr. R. Geogr. Soc.).

Andreas, John (fl. 1899), British botanist from Ealing in London, collected on the Canary Islands 1897, Dr. phil. München 1899. (*J. Andreas*).

HERBARIUM and TYPES: M (some material from Canary Isl. 1897).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 60; BM 1: 45; IH 2: 37.

BIOFILE: Hertel, H. and A. Schreiber, Mitt. Bot. Staatssamml. München 26: 96, 275. 1988 (some algae from Tenerife, vascular plants 376 nos. also from Canary Isl.).

19.257. *Ueber den Bau der Wand und die Oeffnungsweise des Lebermoosporogons.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei der Hohen philosophischen Fakultät der Kgl. bayer. Ludwig-Maximilian-Universität zu München eingereicht von John Andreas aus Ealing bei London ... München (Druck von Val. Höfling, ...) 1899. Oct. (*Bau Wand Lebermoosporog.*).

Publ.: 20 Mai 1899 (in journal; thesis issue may have been earlier; Nat. Nov. Jun (2) 1899), cover-t.p., p. [i, t.p.], [iii], dedic., [1]-58, *pl. 12* (uncol. lith. unsigned). *Copies*: B, G. – Preprinted or reprinted from Flora 86(2): 161-213. 20 Mai 1899.

Andrée, Adolf (1841-1917), German pharmacist and botanist, educated at the Gymnasium Andreanum, Hildesheim; studied in various pharmacies and, 1864-1865, at Göttingen and Berlin (1866); state-examination pharmacist Hannover 1865; in charge of the family pharmacy in Münden a. Deister 1868-1887; id. in the Hildebrand pharmacy in Hannover 1887-1900; director of the Hannover Botanical Garden. (*Andrée*).

HERBARIUM and TYPES: HAN, further material at GOET.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 60 (d. 25 Feb 1917); BFM 26; BM 1: 45; CSP 7: 35, 9: 47, 12: 16, 13: 104-105; Futak-Domin p. 32; IH 2: 37; Morren ed. 10, p. 15; Rehder 1: 169; Tucker 1: 38.

BIOFILE: Anon., Ber. deut. bot. Ges. 34: [157]. 1917 (d. 25 Feb 1917); Magyar Bot. Lapok 16: 182. 1917 (pharmacist and director of the Hannover Botanical Garden, d. 25 Feb 1917); Hedwigia 60(2): 177. 1918 (d. 25 Feb 1917); Allg. bot. Z. 23: 48. 1919 (d. 25 Feb 1917); Verh. bot. Ver. Prov. Brandenburg 61: 119. 1920 (d. Dec 1917 [erroneous]).

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Copy: B. – Reprinted and to be cited from Jahresber. naturh. Ges. Hannover 24: 70-128. 1874 [1875].

19.259. *Pflanzengeographische Betrachtungen über die Flora des Wesergebirges ...* Hannover (Druck von Wilh. Riemschneider) 1915. Oct.

Publ.: 1915, cover-t.p., p. 1-28. Copy: B. – Preprinted from Jahresber. Niedersächs. bot. Ver. Hannover 62-68 (Abb.): 1-28. 1919.

* **Andres, Heinrich** (1883-1970), German botanist, until 1910 at Hetzhof, Eifel, later in Bonn. (*Andres*).

HERBARIUM and TYPES: see TL-2/1: 49. – Herbarium material also at MSTR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 60; BFM 300, 306, 307; BM 1: 25; GR p. 58 (b. 5 Mai 1883, Bengel/Trier); IH 2: 37; Kew 1: 60-61; Langman p. 88-89; LS suppl. 301; MW p. 7; MW suppl. p. 6; Roon p. 11; TL-2/1: 49; Tucker 1: 38.

BIOFILE: Andres geb. Weyer, K., [death notice] Bonn 1970 (b. 5 Mai 1883, d. 11 Aug 1970; copy B).

Sayre, G., Mem. New York Bot. Gard. 19(1): 5. 1967.

COMPOSITE WORKS: (1) Edited and revised G. Brause, *Die Farnpflanzen, in G. Lindau, Krypt.-Fl. Anf.* ed. 2, 6. 1927 (see H. Reimers, Hedwigia 67(1): 25 Mai 1927).

(2) Collaborator of H. Handel-Mazzetti, *Symb. sin.* 1929-1937, TL-2/2364.

19.260. *Die Pirolaceen des Rheinischen Schiefergebirges, der angrenzenden Tiefländer des Rheins und des Mainzer Beckens ...* Sonder-Abdruck aus den Verhandlungen des naturhistorischen Vereins der preuss. Rheinlande und Westfalens ... 1909. Oct.

Publ.: 1909, cover-t.p., p. [99]-151. Copies: B, L. – Reprinted and to be cited from Verh. Naturh. Ver. preuss. Rheinl. Westf. 66: 99-151. 1909.

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2: 1913, cover-t.p., p. [70]-92. Copy: B. – Id. 1912: 70-92. 1913.

3: 1914, p. [83]-91[“19”]. Copy: B. – Id. 1913: 83-91. 1914.

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19.261. *Die Pirolaceae des Aschersonschen Herbariums ...* [Selbstverlag des Botanischen Vereins der Provinz Brandenburg ... Dahlem-Steglitz bei Berlin ... 1910] Oct.

- Publ.*: 15 Mar 1911 (in journal), cover, p. [90]-95, Zusätze by P. Ascherson: [96]-97. *Copies*: B, L. – Reprinted and to be cited from *Verh. Bot. Ver. Prov. Brandenburg* 52(2): 90-97. 1911.
- 19.262.** *Zur Pirolaceen-Flora Bayerns ...* Sonderabdruck aus *Mitteilungen ... der Bayer. Bot. Ges. ...* 1911. Oct.
Publ.: 1911, p. [338]-340, *pl.* 2 (uncol. phot.). *Copy*: B. – Reprinted and to be cited from *Mitt. Bayer. Bot. Ges.* 2(19): 338-340, *pl.* 2. 1911.
- 19.263.** *Pirola asarifolia* Michx. und *uliginosa* Torr., ihr Verhältnis zu *P. rotundifolia* L. s.l. und ihre Stellung im System. Kritische Notizen zur Kenntnis der Pirolaceae ... Sonderabdruck aus den Berichten der deutschen botanischen Gesellschaft ... 1912. Oct.
Publ.: 24 Dec 1912 (in journal; mss. closed 22 Oct 1912), cover, p. [561]-571. *Copy*: M. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 30(9): 561-571. 1912.
- 19.264.** *Zwei neue Pirolaceae* aus der Subsection *Erxlebenia* (Opiz) H. Andres nebst einigen Bemerkungen zur Systematik der heimischen Arten ... [Sonderabdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1912 [i.e. 1913]]. Oct.
Publ.: 30 Apr 1913 (in journal; *Nat. Nov. Nov.* (1) 1913), cover, p. [i, identif.], [218]-227. *Copy*: B. – Reprinted and to be cited from *Verh. Bot. Ver. Prov. Brandenburg* 54(2): 218-227. 1913.
- 19.265.** *Beiträge zur rheinischen Flora ... I. Zur Veilchenflora des Vereinsgebietes ...* Berichte d. Botan. u. d. Zool. Vereins 1913. Oct.
Publ.: 1913 (read 13-14 Sep 1913; *Nat. Nov. Dec.* 1915, sic), cover, p. [95]-120. *Copy*: B. – Reprinted and to be cited from *Ber. Vers. Bot. Zool. Ver. Rheinfl.-Westf.* 1913: 95-120.
- 19.266.** *Pictoides* H. Anders, eine neue Subsektion der *Eu-Thelasia*-Gruppe aus dem Genus *Pirola* Salisb. ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift ... 1913". Oct.
Publ.: Feb 1913 (in journal), p. [1]-7. *Copy*: B. – Reprinted and to be cited from *ÖBZ* 63(2): 68-75. 1913.
- 19.267.** *Piroleen-Studien.* Beiträge zur Kenntnis der Morphologie, Phytogeographie und allgemeinen Systematik der Pirolaceae ... [Sonderabdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1914]. Oct.
Publ.: 6 Jun 1914 (in journal, *Nat. Nov. Dec.* 1915), cover, p. [1]-76. *Copy*: B. – Reprinted and to be cited from *Verh. Bot. Ver. Prov. Brandenburg* 56 (Abb.): 1-76. 1914.
- 19.268.** *Flora des mittlrheinischen Berglandes* und der eingeschlossenen Flusstäler mit besonderer Berücksichtigung der Flora von Eifel und Hunsrück mit Einschluss des Venn und unter Hervorhebung der Ökologie und geographischen Verbreitung unserer Pflanzenwelt sowie einem Abrisse der Geschichte der heimatischen Botanik für Schulen und Naturfreunde ... Wittlich (Verlag von Georg Fischer) 1920. Oct. (*Fl. mittlrhein. Bergland.*).
Publ.: 1920, p. [i]-xxviii, [1]-381, [1]-14 (*Nachträge und Ergänzungen*), [i]-iv, 1-18 (pages with uncol. liths.). See TL-2/133 for its precursor *Fl. Eifel Hunsrück.* – *Copy*: L.
- 19.269.** Fischers naturwissenschaftliche Heimatführer Heft 1. *Die Pflanzenwelt unserer Heimat.* Kurze Anleitung zum Bestimmen der höheren Pflanzen (Blütenpflanzen und Farne) ... Wittlich (Verlag von Georg Fischer) 1925. Oct. (*Pfl.-Welt Heimat*).
Publ.: 1925 (p. iii, preface Mar 1925), cover-t.p., p. [i-iv], [1]-26, [27], *pl.* A-F (col.). – *Copy*: B.
- 19.270.** *Beobachtungen an Buxbaumia aphylla* L. ... Sonderabdruck aus *Hedwigia ...* 1925 [... 1927]. Oct.
[1]: 1925, p. [341]-348. *Copies*: B, Gr-V. – Reprinted and to be cited from *Hedwigia* 65: 341-348. 1925.
[2]: 1927, p. [237]-245, *pl.* 3 (uncol.). *Copies*: B, Gr-V, U. – *Id.* 67: 237-245, *pl.* 3. 1927.

19.271. *Herbarstudien zur bulgarischen Flora. I. Pirolaceae ...* Sofia (Hofdruckerei) 1931. Qu. Publ.: 1931, cover-t.p., p. [61]-64. Copies: B(2). – Reprinted and to be cited from Mitt. kön. Naturw. Inst. Sofia 4: 61-64. 1931.

19.272. *Über die Pirolaceen-Gattung Monotropastrum* H. Andr. ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem ... 1935". Oct.

Publ.: 6 Dec 1935 (date on p. [696]), p. [696]-699. Copy: B. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 12(115): 696-699. 1935.

19.273. *Pirola sumatrana* species nova. Ein Beitrag zur Kenntniss des Formenkreises der *P. japonica* Sieb. ... Buitenzorg (Archipel Drukkerij) 1936. Oct.

Publ.: Dec 1936 (date on cover-t.p.), cover-t.p., p. 4-7. Copies: B, L. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 14(1): 4-7. 1936.

Andrews, Albert Le Roy (1878-1961), American bryologist and philologist, studied at Williams College at Williamstown, Mass., grad. 1899, M.A. 1902; teacher in preparatory schools in Vermont and Pennsylvania 1899-1902; at Harvard 1902-1903 studying Indo-European languages, M.A. Harvard 1903, instructor in German at the University of West Virginia 1903-1904, Dartmouth College 1904-1905, studied in Europe (Berlin, Kiel, Copenhagen, Christiania [Oslo]), Ph.D. Kiel 1908; instructor in German and Scandinavian languages at Cornell University 1909, asst. professor 1919, professor of Germanic philology 1931, chairman of the German Department 1924-1928, professor emeritus 1946, spare-time bryologist, associate editor of the *Bryologist* 1938-1949, section editor for bryophytes for *Biological Abstracts* 1927-1961. (*A.L. Andr.*).

HERBARIUM and TYPES: CU. – Further material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 61 (b. 27 Dec 1878, d. 1 Nov 1961); IH 1 (ed. 6): 355, 2: 37; Roon p. 11; SBC p. 115.

BIOFILE: Barnhart, J.H., *J. New York Bot. Gard.* 12: 117-118. 1911 (curr. vit.).

Ewan, J. et al., *Short hist. bot. U.S.* 94. 1969.

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Steere, W.C., *The Bryologist* 65(1): 25-37. 1962 (obit., bibl., portr.); *Bot. Rev.* 43: 287, 329-330. 1977.

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THESIS: Halfs Saga ok Hálfsrekka, Einleitung, Inaugural dissertation, Univ. Kiel, Halle (Erhardt Karras) 1908, 68 p. (philology), full text Halle (Max Niemayer) 1909, 141 p.

COMPOSITE WORKS: (1) Class Musci, Order *Sphagnales*, fam. 1. *Sphagnaceae*, 1. *Sphagnum*, *North Amer. Fl.* 15(1): 1-31. 14 Jun 1913.

(2) *Bryaceae*, in A. Grout, *Moss Fl. N. Amer.* 2(1): 184-210. 1935, 2(4): 211-262. 1940 (incl. *Mniaceae*, *Rhizogoniaceae*).

19.274. *Notes on North American Sphagnum* i-vi ... [Bryologist] 1911-1915. Oct.

1: 31 Jul 1911 (in journal), cover-t.p., p. 72-75. Copy: B. – Reprinted and to be cited from *Bryologist* 14(4): 72-75. 1911.

2: 20 Jan 1912 (in journal), cover-t.p. [for 1 and 2], p. [1]-9. Copy: B. – Id. 15(1): 1-9. 1912.

3: Jul and Sep 1912 (on reprint), p. [63]-66. 16 Jul, 70-74. 19 Sep 1912. Copy: B. – Id. 15(4):

63-66. Jul 1912, 15(5): 70-74. Sep 1912.

4: 20 Mar 1913 (in journal), p. [20]-24. *Copy*: B. – Id. 16(2): 20-24. 1913.

5: Jul-Sep 1913 (on reprint), p. [59]-64. *Copy*: B. – Id. 16(4): 59-62. 21 Aug 1913, 16(5): 74-76. 22 Nov 1913 (sic!).

6: 16 Jan 1915 (in journal), p. [1]-6. *Copy*: B. – Id. 18(1): 1-6. 1915.

Note: Parts 7-9, 1917-1921 n.v.

Andrews, Charles William (1866-1924), British geologist, educated at London University, assistant at the Geological Dept. Brit. Museum 1892, later assistant keeper ib., made an expedition to Christmas Island (Indian Ocean) 1897-1898. (*C.W. Andr.*).

HERBARIUM and TYPES: BM, duplicates at BO, E, K, MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 61 (b. 1866, Hampstead, d. 25 Mai 1924); BL 1: 94; CSP 13: 108; Desmond p. 14; IH 2: 37; Quenstedt p. 10 (b. 1866, d. 25 Mai 1924, London); Rehder 1: 481, 4: 179, 344; SK 1: 16-17, 8: x; TL-2/4: see A.B. Rendle; Tucker 1: 38, 112.

BIOFILE: Anon., The mss. papers of British scientists 1600-1940: 3. 1982.

A.S.W. and A.E., Nature 113: 827-828. 1924 (obit.).

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.11. 1980.

Murray, G., Hist. Coll. nat. hist. depts. Brit. Museum 1: 130. 1904 (278 plants coll. on Christmas Island).

Pycraft, W.P., Ill. London News 14 Jun 1924, p. 1128.

Stearn, W.T., Nat. Hist. Mus. S. Kensington 237, 239. 1981.

Woodward, A.S., Proc. Roy. Soc. B. 108: i-iii. 1924; Geol. Mag. 1924: 479-480.

19.275. *A monograph of Christmas Island* (Indian Ocean): physical features and geology ... with descriptions of the fauna and flora by numerous contributors ... London (printed by order of Trustees ...) 1900. Oct. (*Monogr. Christm. Isl.*).

Publ.: Mar-Apr 1900 (p. x, preface dated 15 Feb 1900), p. [i]-xiii, [xv], [1]-337, [338], *pl. i-ii, iibis, iii-xxi (pl. xvii, xviii plants)*, uncol. map. *Copy*: L. – List of 152 vascular plants (p. 171-200, *pl. xvii, xviii*) by E.G. Baker, A.B. Rendle, A. Gepp, Vernon Herbert Blackman (1872-1967).

Ref.: Anon., J. Bot. 38: 199-200. Mai 1900 (rev.).

Andrews, Ebenezer Baldwin (1821-1880), American (Connecticut born) clergyman and palaeontologist, also egg collector; graduated from Marietta College, Ohio 1842, professor of geology in Marietta College 1851-1869, from 1869 assistant geologist to the Ohio State Survey. (*E.B. Andr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews ed. 2: 232; Barnhart 1: 61 (b. 29 Apr 1821, Danbury, Conn., d. 14 Aug 1880, Lancaster, Ohio); BM 1: 46; CSP 1: 69, 7: 36, 9: 48-49, 13: 108-109; Ewan ed. 2: 6; ME 3: 19, 80, 81, 529.

BIOFILE: Merrill, G.P., U.S. Nat. Mus. Ann. Rept. 1904: 690. 1906 (b. 29 Apr 1821, Danbury, Conn., d. 14 Aug 1880, Lancaster, Ohio).

COMPOSITE WORKS: See Graves, E.B., *Catalogue of the flowering plants and ferns of Connecticut*, Hartford 1910.

* **Andrews, Henry Charles** (fl. 1799-1830), British botanical painter and engraver of Knightbridge, London. (*Andr.*).

HERBARIUM and TYPES: None; see TL-2/1: 49.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 61; BB p. 7-8; BM 1: 46; Bret. p. 201; Desmond p. 14; DNB 1: 406-407; Dryander 3: 272; DU 8-12; Frank 3(Anh.): 5; GF p. 47, 83; Hortus 3: 1187; HU 2: 583 [index]; Jackson p. 515 [index]; Kew 1: 62; Langman p. 89; MW p. 708; MW suppl. p. 6; NI 30-34; Plesch p. 126-127; PR 174-178, ed. 1: 220-224; Rehder 2: 281, 389, 664; RS p. 72; SK 1: clxvi, 4: xcv; SO 760 k; Sotheby 1: 12-15; TL-1: 6-8; TL-2/1: 49-52; Tucker 1: 38; Zander ed. 10, p. 628, ed. 11, p. 714.

BIOFILE: Blunt, W., Art bot. illustr. 209-211. 1950.
 Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 186.14. 1980.
 Britten, J., J. Bot. 54: 236-246. 1916 (general and on Bot. Repos.).
 Fletcher, H.C., Story R. Hort. Soc. 1804-1968. 5-6. 1969.
 Fournier, E., in H.E. Baillon, Dict. bot. 1: 172. 1877.
 Hochreutiner, B.P.G., Candollea 2: 375. 1925 (on Bot. Repos.).
 Nissen, C., Philobiblon 6: 295. 1933.
 Rix, M. Art of the botanist 108, 206, 207, 209. 1981.

19.276. *The heathery*; or a monograph of the genus *Erica*: containing coloured engravings, with Latin and English descriptions, dissections, etc. of all the known species of that extensive and distinguished tribe of plants ... vol. 1 [...4]. London (printed by Richard Taylor and Co., ...) 1804-1807. Oct. (*Heathery*).

Ed. 1: 1804-1807. *Copies:* M, NY. – Issued in “monthly” parts.

1: 1804, unpaginated: [i h.t., iii t.p., v introd., vii-viii short diss., ix-x mode of culture], *pl. 1-50* with descr., [xi, alph. index].

2: 1804, p. [i, iii], *pl. 51-100* with descr., [v, alph. index].

3: 1806, p. [i, iii], *pl. 101-150* with descr., [v, alph. index].

4: 1807, p. [i], *pl. 151-200* with descr., [iii, alph. index].

Ed. 2: 1845. – “In six volumes”. Vol. I-[VI]. Second edition, corrected and enlarged. *Copy:* G.

1: 1845, cover, p. [i]-xi, *pl. 1-50* with descr.

2: 1845, cover, p. [i-v], *pl. 51-100*, id.

3: 1845, cover, p. [i-v], *pl. 101-150*, id.

4: 1845, cover, p. [i-iii], *pl. 151-200*, id.

5: 1845, cover, p. [i-iii], *pl. 201-250*, id.

6: 1845, cover, p. [i-iii], *pl. 251-300*, id.

* **Andrews, Henry Nathaniel, Jr.** (1910-x), American palaeobotanist, B.Sci. Mass. Inst. Techn. 1934, studied botany at the University of Massachusetts 1934-1935, graduate studies at Henry Shaw School of Botany, St. Louis, Missouri, 1935, M.S. ib. 1937, with H. Hamshaw Thomas in London 1938-1939, Dr. phil. St. Louis 1939, instructor in the Henry Shaw School of Botany 1940-1964, from 1948 as chairman of the Botany Dept., also associated with the Missouri Botanical Garden, head of the Botany Dept. University of Connecticut 1964-1975. (*H.N. Andr.*).

HERBARIUM and TYPES: Palaeobotanical collections at the University of Connecticut and US.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 73; Andrews ed. 2, p. 232-233; Barnhart 1: 62; Bossert p. 11; Kew 1: 62; Langman p. 89; Roon p. 11; TL-2/1: 52-53.

BIOFILE: Farr, E.R. et al., Index nominum genericorum 1-3. 1979 (59 entries on fossils).
 Skog, J.E. et al., Rev. Palaeobot. Palyn. 20: 3-11. 1975 (biogr., bibl., portr. as introduction to special issue dedicated to A. on his retirement).

19.277. *A new Sequoioxylon* from Florissant, Colorado ... Reprinted from Annals of the Missouri Botanical Garden ... 1936. Oct.

Publ.: 1 Sep 1936 (date on p. 439), cover-t.p., p. 439-446, *pl.* 21 (uncol. phot.). *Copy*: G. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 23: 439-446. 1936.

Andrews, Luman (1839-1921), American botanist at Southington, Connecticut. (*L. Andr.*).

HERBARIUM and TYPES: SPR; further material at HH, NEBC, NY, YU.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 62 (b. 5 Jan 1839, d. 22 Aug 1921); *IH* 2: 37; *Rehder* 1: 317.

COMPOSITE WORKS: (1) Co-author C.B. Graves et al., *Cat. pl. Connecticut* 1910, see TL-2/2115. *Copies*: G, NY.

19.278. *A list of the flowering plants and higher cryptogams growing upon the summit of Meriden Mountain Conn. ... Southington, Conn. (Southington Publishing Company) 1900. Oct. (List fl. pl. Merid. Mt.).*

Publ.: 1900, p. [1-15]. *Copies*: MO, NY.

19.279. *Flora of the town of Southington, Conn. and its vicinity. A list of the fern and seed plants growing without cultivation ... Connecticut School Document no. 15. Published by the State Board of Education. 1902. Oct. (Fl. Southington).*

Senior author: Charles Humphrey Bissell (16 Dec 1857 – 6 Apr 1925).

Publ.: 1902, p. [1]-118. *Copy*: MO.

19.279A. *Catalogue of the flowering plants and ferns of Springfield, Massachusetts, growing without cultivation ... Springfield, Massachusetts (Museum of natural history Bulletin ...)* 1924. Oct. (*Cat. fl. pl. Springfield*).

Publ.: 1924, p. [1]-221, 10 *pl.*, 1 map. *Copy*: HH (Arnold Arb.). – Posthumously published by a Committee of the Springfield Botanical Society.

* **Andrzejowski, Antoni Lukianowicz** (1785-1868), Polish naturalist, originally from Wolhynia, studied with W.S.J.G. von Besser at Kiev, student of the flora of the Ukraine, specialized in Cruciferae and the living and fossil fauna of Southern Russia. (*Andrzejowski*).

HERBARIUM and TYPES: KW (9000), further material at BR, G-DC, H, KRAN, M, P, TO.

BIBLIOGRAPHY and BIOGRAPHY: *AG* 6(1): 73; *Barnhart* 1: 63 (d. 10/22 Dec 1868, Stawicze, Kiev); *Bossert* p. 12; *CSP* 1: 71; *Frank* 3(Anh.): 5; *Hortus* 3: 1187; *IH* 2: 37; *Jackson* p. 264, 331; *Kew* 1: 62; *Lasègue* p. 337; *Lipschitz* 1: 59-61 (bibl.); *PR* 180-184, ed. 1: 228; *RS* p. 72; *TL-2/1*: 53; *TR* p. 13-14, nos. 21-27; *Zander* ed. 11, p. 714.

BIOFILE: *Anon.*, *ÖBZ* 19: 130. 1869 (detailed obit. not.); *Flora* 53: 125. 9 Apr 1870 (A. died 10 (22) Dec 1868 [sic]); *Bull. Soc. bot. France* 16(Rev. bibl.): 239-240. 1870 (obit. not.). *Baillon*, H.E., *Dict. bot.* 1: 184. 1877.

Bourdeille de Montrésor, *Bull. Soc. Imp. Natural. Moscou* ser. 2. 6: 326. 1893 (bibl.).

Candolle, *Alph. de, Phytographie* 392. 1880 (coll.).

Kukkonen, I., *Herb. Christian Steven* 25-26. 1971 (material at H).

Lindemann, E.E. von, *Bull. Soc. Imp. Natural. Moscou* 59: 273-274. 1884.

Piekielko, A., *Hist. Horti bot. Univ. Jagel. Cracov* 16. 1983.

Rostafinski, J., *Bull. Int. Acad. Sci. Cracovie, Mat. Nat. sér. B.* 1918: 194-195. 1919 (“als Naturforscher und als Mensch”).

Sprengel, K., *Neue Entd. Pfl.-K.* 1: 46-47. 1820 (rev. Czackic).

Szafer, W., *Concise hist. bot. Cracov* 59. 1969; in P. Smit and R.J.Ch.W. ter Laage, *Essays in biohistory* 384. 1970 (Reg. veg. 71).

Szymkiewicz, D., *Bibl. Fl. Polsk.* 18, 60-61. 1925.

Trautvetter, E.R., *Acta Horti Petrop.* 7(1): 13. 1880 (bibl.).

Zuchold, E.A., *Jahresb. nat. Ver. Halle* 5: 6. 1853.

Angreville, Jacques Étienne d' (1808-1867), Swiss botanist at Saint-Maurice, Valais. (*Angreville*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 65; BL 2: 586, 623; BM 1: 47; Jackson p. 345; LS 958; PR 185; Tucker 1: 38.

BIOFILE: Baillon, H.E., *Dict. bot.* 1: 191. 1877.

19.280. *La flore vallaisanne ...* Genève (Marc Mehling, ...), Paris (Asselin, Libraire ...) 1862. Oct. (*Fl. vallais.*).

Publ.: 1862 (p. viii: 9 Feb 1861), p. [i]-viii, [1]-218. *Copies*: B-S, G, NY.

* **Ångström, Johan** (1813-1879), Swedish physician and bryologist, studied at Uppsala 1835, Dr. med. ib. 1852, kir. mag. (surgeon) 1853; provincial physician at Lycksele 1853, from 1868 id. at Örnsköldsvik, collected widely in Sweden and Norway; id. in Lappland 1862, 1863, 1874, id. in Finland and Karelia (Russia). (*Ångstr.*).

HERBARIUM and TYPES: S (see KR p. 787, footnote), further material at B (p.p. extant), C, F, FI, G, GOET, H, H-SOL, KIEL, L, MW, P, PC, PH, QK, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 65 (b. 24 Sep 1813, d. 19 Jan 1879); BM 1: 47; CSP 1: 73-74, 7: 38, 9: 52; Frank 3(Anh.): 5; Hortus 3: 1187; IF p. 675; IH 2: 38; Jackson p. 332; KR p. 787-791 (detailed bibl.); Lasègue p. 526; PR 186, ed. 1: 232; SBC p. 115; TL-2/1: 53; TR nos. 28-29; Urban-Berl. p. 292.

BIOFILE: Anon., *Bot. Not.* 1841: 158, 1879: 31-32 (obit.), 1883: 30 (herb. bought by S); *Flora* 28(1): 47. 1845 (offers herb. mat. for sale); *Bull. Soc. bot. France* 26 (Rev. bibl.): 90. 1879 (death notice); *J. Bot.* 17: 128. 1879 (death notice); *Bot. Zeit.* 37: 191. 1879 (death notice); *Rev. bryol.* 6(2): 32. 1879 (d.); *Generalreg. Bot. Not.* 1839-1938: 83, 186. 1939 (lists 12 publ.).

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 191. 1877.

Högrell, B., *Bot. Hist.* 1: 256. 1886 (brief notice on life).

Lindemann, E.E. von, *Bull. Soc. Imp. Natural. Moscou* 59: 274. 1884 (Lappland coll. also at MW).

Sayre, G., *Bryologist* 80: 503. 1977 (location coll.).

Scheutz, N.J.W., *Bot. Not.* 1863: 73.

Wagenitz, G., *Ind. Coll. princ. Herb. Gott.* 14. 1982.

Wittrock, V.B., *Acta Horti Berg.* 3(3): 60, *pl. 101*. 1905 (portr.).

19.281. *Dispositio muscorum in Scandinavia hucusque cognitorum ... Upsaliae (sumtibus Petri W. Hörlin)* [1842]. Oct. (*Disp. musc. Scand.*).

Publ.: 1842 (p. [iii]: Mai 1842), cover, p. [i-ii], [1]-33. *Copy*: G.

Addenda et corrigenda in G. Torssell, Enum. Lich. Byssac. Scand. 1843, see TL-2/14.773 (p. 57-59).

19.282. *Några ord om Sveriges Botrychia, i anledning af 9:de upplagan af Skandinavisk Flora af C.J. Hartman ... Ur "Botaniska Notiser" ...* [Uppsala (Kongl. Akademiska Boktryckeriet) 1866]. Oct.

Publ.: Mar-Apr 1866 (in journal), p. [33]-40. *Copy*: L. – Reprinted and to be cited from *Bot. Not.* 1866 (3,4): 33-40. – See also KR no. 18b.

19.283. *Förteckning och beskrifning öfver mossor*; samlade af Professor N.J. Andersson under Fregatten Eugenies världomsegling åren 1851-53 ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... Stockholm 1872-1876. Oct.

[1]: 1872 (submitted 17 Apr 1872), p. 3-29. *Copies*: B, B-S, G, L, MO. – Reprinted and to be cited from Öfvers. K. Sv. Vet.-Akad. Förh. 29(4): 3-29. 1872.

[2]: 1873, p. 113-156 [151 has also additions to part 1]. *Copies*: B, L, MO. – Id. 30(5): 113-151. 1873.

[3, add.]: 1876, p. 50-55. *Copies*: B, L, MO. – Id. 33(4): 50-55. 1876.

19.284. *Primae lineae muscorum cognoscendorum, qui ad Caldas Brasiliae sunt collecti ...* Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... Stockholm 1876. Oct.

1 (*Musci frondosi et Sphagna*): 1876 (mss. submitted 12 Apr 1876), p. 3-50. *Copies*: B, L, MO, NY. – Reprinted and to be cited from Öfvers. K. Sv. Vet.-Akad. Förh. 33(4): 3-50. 1876.

2 (*Hepaticae*): 1876 (mss. submitted 13 Sep 1876), p. 77-92. *Copies*: B, G, MO, NY. – Id. 33(7): 77-92. 1876.

Note: The addenda on p. 50-55 in this reprint refer to the *Förteckning* (previous entry) q.v. [3, add.].

Ansberque, Edme (1828-1905), French military veterinarian and botanist at Lyon, ultimately at Besançon. (*Ansberque*).

HERBARIUM and TYPES: Had a herbarium which he used for his “phytoxygraphy” resulting in the publication mentioned below. See also Pouzet 1932.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 66 (b. 27 Oct 1828, d. 8 Mai 1905); BL 2: 97, 100 (sub Cusin); BM 1: 51, 408 (sub Cusin); Jackson p. 277; NI 38; PR 189-190.

BIOFILE: Anon., Ann. Soc. Linn. Lyon ser. 12. 1865: xx. 6 Jan 1866 (A. shows a copy of his *Fl. fourrag.*).

Fischer, Gutenberg Jahrb. 1933: 212, nos. 94 & 95.

Magnin, A., Arch. fl. jurass. 41: 168. 1904 (obit. not.; b. 27 Oct 1828, Bougnon (Hte-Saône), d. 8 Mai 1905, Besançon); Bull. Soc. bot. Lyon 32: 33-34. 1907 (brief biogr. note, lists publications).

Pouzet, E., Bull. mens. Soc. Linn. Lyon 1(7): 109-111. Sep 1932, 1(8): 118-119. Oct 1932 (on the *Herbier de la Flore française* of Cusin and Ansberque).

COMPOSITE WORKS: With L. Cusin, *Herbier de la Flore française* parts 1-12, 1868-1873; see Cusin for the complete work in 14 vols., 25 parts, Lyon 1868-1876.

19.285. *Flore fourragère de la France*. Reproduite par la méthode de compression dite phytoxygraphique et publiée sous le patronage du Service du Parc et des Jardins de la ville de Lyon ... Lyon (Imprimerie lithographique de Ed. Ansberque, à Villeurbaine) 1866. Fol. (*Fl. fourrag. France*).

Publ.: Jun-Dec 1866 (preface dated 1 Jun 1866), 4 lvs (title, dedication to Mr. Bonnet), 2 lvs text (3 pages introduction by Bonnet, 1 p. preface author, dated 1 Jun 1866), 272 pl. (uncol. liths.) on 136 lvs (“phytoxygraphie”), index p. [1-7], latin and french, in all 708 plants depicted. *Copy*: B (incomplete), G.

Preliminary publication: 1865 (n.v.): *Flore fourragère du centre de la France ... Graminées*, Lyon (author) 1865. Fol. – Depicts 177 grasses.

Ref.: Anon., Flora 51: 127. 11 Apr 1868, 52: 158. 21 Apr 1869.

Anselmino, Elisabeth [Bertha Petronella] (1905-x), German (Prussian) pharmacist; educated at the “Kolmorgenschen Privatschule” in Berlin-Westend and the Kaiserin Auguste

Victoria Schule, Berlin-Steglitz 1913-1926; practicing in the Fichtenberg-Apotheke (Steglitz) 1926-1928, first pharmacy examination 1928, assistant in a pharmacy in Hann.-Münden 1928-1929, university study pharmacy at Berlin University 1929-1931, state examination pharmacy 1931, assistant botanist at the Botanical Museum Berlin-Dahlem, Dr. phil. Univ. Berlin 1933. (*Anselmino*).

HERBARIUM and TYPES: If any at B.

19.286. *Die Stammpflanzen von Muira-puama ...* Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... [Berlin-Dahlem] 1933. Oct. (*Stammpfl. Muira-puama*).

Publ.: 12 Jul 1933 (date of "Promotion"; Nat. Nov. Dec 1934), p. [1]-38, [39, vita]. *Copy*:

B. – Degree taken with E. Gilg and L. Diels.

Ref.: Krause, K., Bot. Jahrb. 66 (Litt.): 89. 20 Dec 1934 (brief note).

Anslijn Nic.zn, Nicolaas (1777-1838), Dutch teacher, botanist and entomologist, state teacher's examination Leiden 1803, teacher at an elementary school at Amsterdam 1803-1807, head-teacher at the municipal school for the poor 1807-1819, private teacher 1819-1834, from 1834-1838 residing in Alkmaar, prolific author of botanical writings as well as popular education, historical and theological publications. (*Anslijn*).

HERBARIUM and TYPES: NBV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 66 (b. 12 Mai 1777, Leiden; d. 12 Sep 1838, Alkmaar); BM 1: 51; IH 2: 38; JW 4: 372-373 (major source); NI 39; NNBW 1: 155; PR 191-193, ed. 1: 239-241; Rehder 1: 86, 3: 57; Tucker 1: 39.

BIOFILE: Anon., in A. Winkler Prins, Geill. encycl. ed. 2. 1: 629-630. 1884.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.160. 1980.

Carpenter, M.M., Amer. Midl. Natural. 33(1): 3. 1945 (lists lit. on his entomological activities).

Enschedé, J.W., De steendrukkunst in Nederland, in Het Boek 11: 121. 1922.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 204. 1877.

MacGillivray, D., Entomol. Ber. Amsterdam 10: 87-88. 1938.

19.287. *Systematische inleiding tot het onderwijs in de natuurlijke geschiedenis ... te Leyden* [Leiden] (D. du Mortier en Zoon) [1819-]1822. Oblong Qu. (*Syst. inleid. nat. gesch.*).

General introduction: 1822, cover, p. [i*]-viii*.

1 (*Het Dierenrijk*): 1819, p. [i]-xii, [1]-90, 1 unnumbered pl. "Dierenrijk" (uncol. lith.).

2 (*Het Planten-Rijk*): 1820, p. [i**, iii**], 91-176.

3 (*Het Delfstoffen-Rijk*): 1821, p. [177]-230.

Copy: U.

19.288. *Kruidkundig leerboek*, inzonderheid voor hen, die tot de artsijnmengkunde worden opgeleid; bevattende, na eene inleiding in de kruidkunde, eene systematische beschrijving dier gewassen, welke in de Nederlandsche apotheek vermeld zijn ... Amsterdam (bij J.C. Sepp en Zoon). 1830. Oct. (*Kruidk. leerb.*).

Publ.: 1830, p. [i], [iii], iv-x, [1]-410, pl. i-ii (uncol. liths.). *Copy*: U.

19.289. *Afbeelding der Artsenij-Gewassen*, welke in de Nederlandsche Apotheek als zoodanige vermeld zijn. Naar de beste uitlandsche afbeeldingen geteekend en op steen gebragt, door N. Anslijn, N.Z. II[-IV.] Deel (Steendruk van Met en Meylink.) te Leyden (bij D. du Mortier en Zoon) 1832. Fol. (*Afb. Artsenij-Gew.*).

1: 1832, p. [1]-8, pl. 1-58 (col. liths.).

2: 1834, p. [1-4], pl. 59-120 (id.).

3: 1836, p. [1-4], pl. 121-181 (id.).

4: 1838, p. [1-4], pl. 182-286 [err. for 266] (id.).

Copy: U. – Issued in 53 fascicles of 5 plates each, of which the last was mentioned by the *Börsenblatt Leipzig* on 2 Feb 1839 as received in Jan 1839.

19.290. *Handleiding tot de kennis der Artsenij-gewassen, welke in de Nederlandsche apothek zijn opgenomen. Voornamelijk ingerigt ten behoeve van hen, die, zich der genees-, heel- of artsenij-mengkunde wijdende, het tot hun vak behoorende gedeelte der kruidkunde moeten beoefenen ...* Leyden (bij D. du Mortier en Looy) 1837. Oct. (*Handl. Artsenij-Gew.*). Publ.: 1837, p. [1]-456, [457], pl. 1-10 (uncol. liths.). Copy: U.

Antevs, Ernst Valdemar (1888-?), Swedish palaeobotanist, studied at a secondary school in Skara, from 1909 at the University of Stockholm, fil. mag. 1912, fil. lic. 1916, Dr. fil. 1917, lecturer in geology from 1917. (*Antevs*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 66; KR p. 43 (b. 20 Nov 1888 Vartofta, Västergötland).

BIOFILE: Fries, R.E., Short hist. bot. Sweden 68. 1950.

COMPOSITE WORKS: (1) *The big tree as a climatic measure*, in J.C. Jones et al. *Quaternary climates*, Washington (Published by the Carnegie Institutions ...) Jul 1925, p. 115-153.

19.291. Results of Dr. E. Mjöberg's Swedish scientific expeditions to Australia 1910-1913. V. *Some mesozoic plants ...* Uppsala and Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1913. Qu. (*Mesozoic pl., Mjöbergs Exp.*).

Publ.: 22 Aug – 30 Sep 1913 (printed 22 Aug 1913), p. [1, 3]-6, pl. 1 (uncol. lith. Th. Ekblom).

Copies: B-S, NY, U, US; IDC 542/2 (431). – Issued as K. Sv. Vet.-Akad. Handl. 52(5). 1912 (1913).

19.292. *Die Gattungen Thinnfeldia Ett. und Dicroidium Goth. ...* Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) [1914]. Qu.

Publ.: Aug-Sep 1914 (printed 4 Aug 1914), cover-t.p., p. [1]-71, 5 pl. Copies: L, NY, US;

IDC 542/2 (417-419). – Issued as K. Sv. Vet.-Akad. Handl. 51(6). 1914. – See also Sv. Bot. Tidskr. 13: 305-312. 1919 (printed 1920) by K.R. Florin.

Ref.: Gothan, W., Bot. Centralbl. 128(4): 89-90. 26 Jan 1915 (rev.).

19.293. *Lepidopteris ottonis* (Göpp.) Schimp. and Antholithus Zeilleri Nath. ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) Qu. (*Lepidopt. otton.*).

Publ.: 1914 (read 8 Apr 1914), cover-t.p., p. [1]-18, pl. 1-3 (uncol. phot.). Copies: L, NY. – Issued as K. Sv. Vet.-Akad. Handl. 51(7). 1914.

19.294. *The Swedish species of Ptilozamites* Nath. ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1914. Qu. (*Swed. sp. Ptilozamites*).

Publ.: Jul 1914 (printed 27 Jun 1914), cover-t.p., p. [1]-19, pl. 1-3 (1-2 uncol. liths. Th. Ekblom, 3 phot.). Copies: L, U, US; IDC 542/2 (424-425). – Issued as K. Sv. Vet.-Akad. Handl. 51(10). 1914.

19.295. *Zur Kenntnis der jährlichen Wandlungen der stickstofffreien Reservestoffe der Holzpflanzen ...* Arkiv för Botanik ... [1916]. Oct. (*Kenntn. stickstofffr. Res.-Stoffe Holzpl.*).

Publ.: 29 Apr 1916 (distr. in fasc. 3 of vol. 14 journal; printed 2 Feb 1916), p. [1]-25. Copies: U; IDC 8562/1 (113). – Issued as Ark. Bot. 14(16). 1916.

19.296. *Die liassische Flora des Hörsandsteins ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) [1919] Qu. (*Liass. Fl. Hörsandst.*).

Publ.: 1919 (read 8 Jan 1919), cover-t.p., p. [1]-71, *pl.* 1-6 (uncol. liths. Th. Ekblom). *Copies*: B-S, L, NY, US; IDC 542/2 (630-633). – Issued as K. Sv. Vet.-Akad. Handl. 59(8). 1919.

19.297. *The last glaciation: with special reference to the ice retreat in northeastern North America ...* New York (American geographical Society) 1928. Oct. (*Last glaciation*).

Publ.: 1928, p. [i]-x, [1]-292, *pl.* i-ix. *Copies*: HH, MO, U.

19.298. *Rainfall and the tree growth in the Great Basin ...* Washington/New York (Carnegie Institution ... American Geographical Society) 1938. Oct. (*Rainfall and tree growth*).

Publ.: 1938, p. [i-vii], [1]-97, *pl.* 1-2 (uncol. tables). *Copy*: U. – Amer. Geogr. Soc. Special Publ. 21. 1938.

* **Antoine, Franz Jr.** (1815-1886), Austrian horticulturist, director of the Schönbrunn Gardens near Vienna from 1865-1886, son of Franz de Paulo Antoine (1768-1834). (*Antoine*).

HERBARIUM and TYPES: W. – Original drawings and photographs at W and some at the Lindley Library (R.H.S. London). Letter to Kerner in Univ. Libr. Uppsala.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 67 (b. 25 Feb 1815, Vienna, d. 11 Mar 1886, ib.); BM 1: 53, 2: 1019; CSP 1: 77, 6: 567, 7: 41, 12: 19; DTS 1: 4; GF p. 48; Hortus 3: 1187; Jackson p. 140; Kew 1: 65; Morren ed. 2, p. 15, ed. 10, p. 31; MW p. 22; NI 41-44, suppl.; PR 195-197, ed. 1: 245; Rehder 5(index): 22; TL-2/1: 54-55; Tucker 1: 39; Zander ed. 10, p. 628-629, ed. 11, p. 714.

BIOFILE: Anon., ÖBZ 15: 329. 1865 (A. appointed director Schönbrunn Garden succeeding Schott), 36: 141. 1886 (d. 11 Mar 1886); Leopoldina 22: 112. 1886 (d.); Nat. Nov. 1886: 94; Flora 70: 395. 1887.

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 229. 1877.

Lack, H.W. and O. v. Sydow, *Willdenowia* 13: 411. 1983 (letter to Kerner at Univ. Libr. Uppsala).

Neilreich, A., *Verh. zool.-bot. Ver. Wien* 5: 59. 1855 (b. 23 Feb 1815).

Nissen, C., *Philobiblon* 6: 296. 1933.

19.299. *Die Coniferen, ...* TL-2/141, q.v.

Additional information at publication of Hefte: J.C. Hinrichs (Börsenbl. deut. Buchh.) received the various fascicles as follows: 1: 4-10 Oct 1840, 2: 11-17 Apr 1841, 3: 7-14 Nov 1841, 4: 27 Feb – 1 Mar 1842, 5: 21-24 Sep 1842, 6: 16-18 Mai 1843, 7: 18-20 Jul 1843, 8: [not mentioned by Hinrichs], 9: 29 Mar – 1 Apr 1846, 10: 30-31 Jul 1846. – It may be assumed that the fascicles were sent to Hinrichs by the publisher on publication at most some 1-2 months before the actual dates on which they were available in Wien. See also Schlechtendal (1849).

Ref.: Schlechtendal, D.F.L. v., *Bot. Zeit.* 7: 829-830. 23 Nov 1849 (Heft 10 came out in 1846 even though it carried the date 1841; in all at the moment 48 plates and 108 pages text).

19.300. *Der Wintergarten in der Kaiserlichen Königlichen Hofburg zu Wien ...* Wien (Gedruckt bei den P.P. Mechitharisten, ...) 1852. Fol. (*Wintergart. Wien*).

Publ.: 1852 (ÖBW 30 Sep 1852: publ.), p. [i*-vi*], [i]-vi, [1]-11, 12 unnumbered *pl.* (liths.). *Copy*: NY.

Ref.: Anon., *Bot. Zeit.* 11: 511-512. 15 Jul 1853 (rev.).

19.301. *Coniferen des cilicischen Taurus.* Bearbeitet von Franz Antoine und Theodor Kotschy. Herausgegeben von Franz Antoine. Wien (Druck der Mechitharisten-Congregations-Buchdruckerei) 1855. Fol. (*Conif. cilic. Taurus*).

Co-author: Carl Georg Theodor Kotschy (1813-1866), see TL-2/2: 655-657.

Publ.: 1855, *Copy:* WU: p. [1-7], *pl. 1-3*, *Copy:* B: id. with 7 *pl.*

Ref.: Schlechtendal, D.F.L. v., *Bot. Zeit.* 17(8): 75. 25 Feb 1859 (review of the publication of 3 liths. and 5 p. folio text: all published [sic], the plan to issue this work in parts was not implemented).

19.302. *Die Cupressineen-Gattungen: Arceuthos, Juniperus und Sabina ...* [Wien] (In Commission in der Friedrich Beck'schen Universitäts-Buchhandlung. Gedruckt bei den P.P. Mechitharisten) 1857. Fol. (*Cupress.-Gatt.*).

Publ.: 1857, p. [i*], [i]-v, [3]-71, [72], *pl. 1-92* (uncol. phot.). *Copy:* WU.

19.303. *Pinus leucodermis.* Eine Föhre aus Dalmatien. Herausgegeben von Franz Antoine ... [Wien, published by the author without further documentation 1865]. Fol. (*Pinus leucodermis.*).

Publ.: 1865 (ÖBZ 1 Sep 1865), cover-t.p., p. [1-3], *pl. 1-2* (uncol. phot.). *Copy:* WU.

19.304. *Myrmecodia echinata* Gaud. Eine Ameisenpflanze von den Molukken ... Separat-
abdruck aus der Oesterr. botan. Zeitschrift ... 1882. Oct.

Publ.: Nov 1882 (in journal), p. [1]-7. *Copy:* G. – Reprinted and to be cited from ÖBZ 32: 347-353, 1 *pl.* (uncol. lith.). 1882.

19.305. *Phyto-Iconographie der Bromeliaceen*, see TL-2/142. Additional information:

Heft 1: mentioned as received, *Bot. Centralbl.* 17-21 Mar 1884, *Bot. Zeit.* 28 Mar 1884; *Nat.* Nov. Feb (2) 1884.

Heft 3: Id. *Bot. Centralbl.* 20-24 Oct 1884, *Bot. Zeit.* 31 Oct 1884.

Antommarchi, François [Francesco] (1780-1838), Corsican physician, sometime professor of anatomy at Firenze, private physician to Napoleon Bonaparte on St. Helena from 1819, ultimately in Cuba. (*Antommarchi*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 67 (d. 3 Apr 1838, Santiago, Cuba); BM 1: 53; Jackson p. 508; PR 198, ed. 1: 246; Rehder 1: 498; Saccardo 1: 16; TL-2/9723; Tucker 1: 39.

BIOFILE: Anon., *Grand Larousse encycl.* 1: 470. 1960 (b. 1780, Morsiglia, Corsica, d. Cuba 1838).

Fournier, E. in H.E. Baillon, *Dict. bot.* 1: 229. 1877 (brief biogr. not.).

COMPOSITE WORKS: Published an amended version of W. Roxburgh *An alphabetical list of plants ... of St. Helena* 1816 (see TL-2/9723). The Antommarchi version was published in his *Derniers moments de Napoléon 2:* [255]-425. 1825 with the chapter title *Esquisse de la flore de Saint-Hélène*.

EPONYMY: *Antomarchia* [sic] Colla (1826), ING 1: 104.

* **Antz, Carl [Karl] Cäsar** (1805-1859), German (Mosel) military physician and botanist, ultimately "Bataillonsarzt beim 2. Jägerbataillon", Greifswald. (*Antz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 68; BM 1: 53; PR 199-200, ed. 1: 247-248; Rehder 1: 381; TL-2/1: 55.

BIOFILE: Anon., *Bot. Zeit.* 17: 391. 1859 (d. 9 Feb 1859); *Flora* 42: 748. 1895 (id.).

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 229. 1877.

19.306. *Tabaci historia*. Dissertatio inauguralis quam consensu et auctoritate gratiosi medicorum ordinis in alma literarum Universitate Friderica Guilelma ut summi in medicina et chirurgia honores rite sibi concedantur die viii. mens. decembris a. mdcccxxvi h.l.q.s. publice defendet auctor ... Berolini (typis Nietackianis) [1836]. Oct. (*Tabaci hist.*).
Publ.: 8 Dec 1836 (date of defense thesis), p. [1]-58, [59-62, vita], [63, theses]. *Copies*: B-S, NY.

* **Anzi, Martino** (1812-1883), Italian cryptogamist and canon at Como, editor of various important series of cryptogams exsiccatae, educated at the Bormio gymnasium, ordained priest 1835 at the episcopal see at Como, subsequently "canonicus ecclesiae cathedr. Novo-Comensis". (*Anzi*).

HERBARIUM and TYPES: TO. – Further material mostly in his series of exsiccatae, see TL-2/1: 55. – Exsicc. no [8]: *Musci exsiccati Langobardiae*, in *Erbario critt. Ital.* eds. 1 and 2, sets at M. – Various other sets of Lichenes exsicc. e.g. in PAD and WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 68 (b. 13 Jan 1812, Bormio, d. 19 Apr 1883, Como); BL 2: 366, 368; BM 1: 53, 6: 29; CSP 7: 41, 9: 57, 12: 19; DTS 1: 4; GR p. 512, *pl.* [27]; GR, cat. p. 60; Hortus 3: 1187; IH 2: 39; Jackson p. 322; Kew 1: 65; LS 964-979, 30.554; PR 201-203; Roon 1: 429; Saccardo 1: 16, 2: 11-12, cron. p. xiv; SBC p. 115; TL-2/1: 55-56, TL-2/ see Massalongo (TL-2/3 Herb. and Typ.); Tucker 1: 39.

BIOFILE: Anon., Bot. Centralbl. 16: 63. 1883 (d. 19 Apr 1883); Bot. Zeit. 41: 644. 1883 (id.); Nat. Nov. 5: 240. 1883 (id.); ÖBZ 33: 379. 1883 (id.); Flora 66: 338, 577-578. 1883 (library and herb. for sale); Bot. Not. 1884: 39; Jahresber. naturf. Ges. Graubünden 27: xxiii. 1884. Candolle, Alph. de, Phytographie 392, 410. 1880 (colls.).

Cermenati, M., Notarisia 8: 1450-1456. 1892 (in memoriam).

Dolezal, H., Friedrich Welwitsch 213. 1974.

Hertel, H., Mitt. Bot. Staatssamml. München 18: 301-302, 327, 330 (no. 2), 340. 1982 (6 series of his exsicc. also in M), 26: 136, 144, 198. 1988 (6 series exsicc. Lich., 1 series *Musci exsicc. Langobard.*).

Ilg, W., Hoppea 42: 317. 1984 (member Regensb. bot. Ges. 1876).

Longa, M., Memorandum [Cav. Prof. Martino Anzi], 2 p., Bormio 6 Mar 1913 (portr. bronze bust A., brief biogr. sketch, choice of titles of A's sci. publ.).

Lynge, B., Nyt Mag. Naturvid. Oslo 51: 100-101. 1913 (lists Lichenes exsicc.).

Mattirolo, O., Studi reg. Piemonte publ. 2. Cent. Fond. Orto Bot. Torino 1729-1929. xcv. 1929 (herb. at TO).

Sayre, G., Mem. New York Bot. Gard. 19(1): 109-111. 1969 (exsiccatae, major source).

Solla, F.R., Notarisia 7: 1450-1458. 1892 (biogr.).

Wittrock, V.B., Acta Horti Berg. 3(3): 174, *pl.* 135. 1905 (portr.).

19.307. *Catalogus lichenum* quos in provincia Sondriensi et circa Novum-Comum collegit et in ordinem systematicum digessit ... Novi-Comi [Como] (ex officina Caroli Franchi bibliopolae) 1860. Oct. (*Cat. lich.*).

Publ.: Aug 1860 (date on p. 126), cover-t.p., p. [v]-xvi, [1]-126. *Copies*: G, L, MO, NY. – See also TL-2/144.

19.308. *Manipulus lichenum rariorum* vel novorum, quos in Langobardia et Etruria collegit et enumeravit ... s.l.n.d. [1862]. Oct. (*Manip. lich. rar.*).

Publ.: 1862 (p. 1 dated 28 Jul 1862, text associated with sets of lichen exsiccatae issued in 1862), p. [1]-37. *Copy*: G. – The copy in G has a handwritten identification "Ex: Soc. crit. Comment. 1(3) 1862".

19.309. *Symbola lychenum* [sic] rariorum vel novorum Italiae superioris ... Genova (Tipografia del R.I. de' Sordo-muti) 1864. Oct. (*Symb. lich.*).

Publ.: 1865 (p. 4: 5 Jan 1864), p. [1]-28. *Copies*: G(2).

19.310. *Enumeratio muscorum Longobardiae superioris* ... [Mem. Ist. Lomb., Milano 1876]. Qu. (*Enum. musc. Longobard. sup.*).

Publ.: 1876 (Bot. Zeit. 24 Nov 1876), p. [1]-36. *Copies*: B-S, NY. – Preprinted or reprinted from Mem. Ist. Lomb. Sci. 13(3): 313-348. 1876.

19.311. *Auctarium* [sic] *ad floram Novo-Comensem* editam a Iosepho Comolli curante Presb. Martino Anzi canonico ecclesiae cathedr. novo-comensis plurium societatum sodali memoria ... [Milano 1879]. Qu.

Publ.: Mai-Jul 1879 (Nat. Nov. Aug (1) 1879, Flora rd. 1-11 Sep 1879, Bot. Zeit. 19 Mar 1880), p. [177]-205. *Copy*: G. – Reprinted from Mem. Ist. Lomb. Sci 14(2): 177-205. 1879; also reprinted but not seen by us with pagination [1]-29. – For Giuseppe Comolli and his *Flora comense* see TL-2/1189.

19.312. *Enumeratio hepaticarum* quas in provinciis *Novo-Comensi* et *Sondriensi* collegit prof. Martinus Anzi canonicus ecclesiae cathedr. Novo-Comensis Memoria ... [Mediolano, Milano]. Qu. (*Enum. hepat. Novo-Com.*).

Publ.: Oct-Dec 1881 (read 19 Mai 1881, Hedwigia Feb 1882), p. [1]-19. *Copies*: B, B-S, G. – Preprinted or reprinted and to be cited from Mem. Ist. Lomb. Sci. 14(3): 375-393. 1881 (journal issue publ. 1881 or 1882).

Apgar, Austin Craig (1838-1908), American (New Jersey) botanist. (*A. C. Apgar*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 68 (b. 4 Aug 1838, d. 4 Mar 1908); Rehder 1: 207, 312, 4: 77; Tucker 1: 39.

19.313. *Trees of the northern United States* their study, description and determination for the use of schools and private students ... New York, Cincinnati, Chicago (American Book Company) [1892]. Oct. (*Trees north. U.S.*).

Publ.: Jan-Jul 1892 (date on p. [2]; 1892; Nat. Nov. Sep (1) 1892, Bot. Gaz. Sep 1892; Bot. Centralbl. 14 Sep 1892; review in Bull. Torrey bot. Club 19(12): 390. 15 Dec 1892), p. [1]-224. *Copies*: G, MO. – Later issues identical, e.g. one of 1910.

19.314. *Ornamental shrubs of the United States* (Hardy, cultivated) ... New York, Cincinnati, Chicago (American Book Company) [1910]. Oct. (*Ornam. shrubs U.S.*).

Publ.: 1910 (date on p. 2), [1]-352. *Copy*: G.

Apgar, Ellis Ayres (1835-1905), American botanist and teacher, studied at Rutgers University 1866, later State superintendent of public instruction in New Jersey. (*E.A. Apgar*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 68 (b. 1835, Peapack, N.Y., d. 28 Aug 1905, East Orange, N.Y.); BM 1: 53.

BIOFILE: Anon., Nat. Nov. 27: 507. 1905 (d. 28 Aug 1905 in East Orange, N.Y.).

19.315. *Apgar's plant analysis*; adapted to Gray's botanies ... New York and Chicago (Iverson, Blakeman, Taylor & Co.) [1874]. Oct. (*Apgar pl. anal.*).

Junior author: Austin Craig Apgar (1838-1908).

Publ.: 1874 (date on p. [2]), p. [1-2], [i-cx], [i*-vi*]. *Copy*: GB-UB (analysis B. Peterson). – Other edition 1884, noted by J. Bot. Sep 1884 (n.v.).

Apgar's new plant analysis: 1892, cover-t.p., p. [1]-128. *Copy*: U. – (as second edition).

Aphonin, Matheus [Matwey] (1740- post 1777), Russian student of Linnaeus 1761-1769, Dr. med. Uppsala 1766, professor of natural history in Moscow 1769-1777. (*Aphonin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 68; BM 1: 53; KR p. 44 (b. 1740 in Moskva, d. in Nicolajew [no date]).

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 234. 1877.

19.316. F.D. Dissertatio academica demonstrans *usum historiae naturalis* in vita communi, quam consent. experient. Facult. med. in illustri Academia Upsaliensi, praeside viro nobilissimo atque experientissimo D: no Doct. Carolo v. Linné, ... publice examinandum submittit auctor et respondens Matheus Aphonin, nobil. moscov. tossus. In Audit. Car. Maj. d. xvii Maji. Anni mdccclxvi H.A.M.S. Upsaliae ... 1766. Qu. (*Usum hist. nat.*).

Publ.: 17 Mai 1766 (date of defense thesis), p. [i-vi], [1]-30, [31-32], 1 pl. (uncol. copp. C.E. Hoppius del.). *Copies*: B, G, U.

Reprinted in C. Linnaeus, Amoen. acad. ed. 1. 7: 409-437, pl. 6. 1769, ed. 2 [Schreber], p. 409-437, pl. 6. 1789; ed. J.E. Gilibert, Syst. pl. eur. 5: i-xix. 1786.

Appel, [Friedrich Carl Louis] Otto (1867-1952), German (Franconian) botanist, trained to become a pharmacist, student at the Löwen-Apotheke, Weimar, id. in Schaffhausen (Switzerland) ca. 1891, id. in Breslau (Silesia), in charge of a pharmacy at Sonnenburg (Brandenburg), studied botany with Julius Sachs at Würzburg, Dr. phil. ib. 1897, assistant bacteriologist at Königsberg (E. Prussia), from 1899 id. at the Biologische Abtheilung des Kaiserlichen Gesundheitsamtes, Berlin 1899, director 1903, Regierungsrat 1913, specialized in the phytopathology of potatoes, also director of the Forschungsinstitut für Kartoffelbau, director of the Biologische Reichsanstalt Berlin 1920, hon. professor at the Landwirtschaftliche Hochschule in Berlin. (*O. Appel*).

HERBARIUM and TYPES: Some material in A, IBF and LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 207; Barnhart 1: 69; BFM 272; CSP 13: 134 (incomplete); DTS 1: 351, 3: xxxix; IH 2: 39, 112; KR p. 44 (as T.C.L. Otto Appel sic); LS 974-989, [err. in vol. 3], 30.556-30.614; LS suppl. 1034-1092; Moebius p. 306; Rehder 1: 214, 2: 177; TL-2/5: 11.978.

BIOFILE: Anon., Allg. bot. Z. 3: 184, 208. 1897 (appt. asst. bacteriologist Univ. Würzburg); Bot. Centralbl. 79: 32. 1899 (appt. Kais. Gesundheitsamt Berlin), 92: 112. 1903 (appt. "Regierungsrath" and "Mitglied" Kaiserl. Gesundheitsamt), 114: 288. 1910 (member Sv. Vet. Akad.); Mycol. Centralbl. 3: 270. 1913 ("Geheimer Regierungsrath"); ÖBZ 69: 224. 1920 (director Biol. Reichsanst. Land- u. Forstwirtsch. Berlin).

Kneitz, G., Abh. naturw. Ver. Würzburg 13: 89-118. 1974 (on A. and the Bot. Ver. Würzburg, portr.).

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Lehmann, E., Schwäbische Apotheken 209. 1951 (further refs.).

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Mildbraed, J., [letter to A. on behalf of Bot. Ver. Prov. Brandenburg 18 Mai 1947, at B].

Schlumberger, O., Ber. deut. bot. Ges. 68(a)(3): 211-215. 1956 (obit., portr., bibl., b. 19 Mai 1867 Coburg, d. 10 Nov. 1952, Berlin-Zehlendorf).

Schwartz, M., Nachrichtenbl. deut. Pfl.-Schutzdienst 13(8): 57-59. 1933.

Wettstein, R. v., Ber. deut. bot. Ges. 55(5): 294-296. 24 Jun 1937 (laudatio, 70th anniv.).

Wilhelm, A.F., Mitt. Bad. Landesver. Naturk. Freiburg (Br.) ser. 2. 6(1): 54-55. 1953 (obit.).

COMPOSITE WORKS: (1) *Juncaceae*, *Cyperaceae* and *Gramineae*, in P. Knuth, Fl. nordfries. Ins. 1895 (not in TL-2), p. [1-33, reprint at B].

- (2) Edited P. Knuth, *Handbuch der Blütenbiologie*, see reference under Knuth, TL-2/2: 585.
 (3) Contributed to *Flora exsiccata Bavaria*, Regensburg, fasc. 1-2, 1897-1898.
 (4) Senior author in O. Appel and H.H. Wollenweber, *Grundl. Monogr. Fusarium* 1910, TL-2/18.180 (Nat. Nov. Oct (2) 1910).
 (5) Edited A. Thaer, *Die landwirtschaftlichen Unkräuter* ed. 4, 1923, see TL-2/14.005.
 (6) Editor, *Handbuch der Pflanzenkrankheiten* [original author P.C.M. Sorauer, see TL-2/12.459], ed. 6, 6 vols. 1933-1952.
 (7) Contributed to *Unsere Freiland-Nadelhölzer*, see TL-2/11.978.

19.317. *Caricologische Notizen* aus dem herzynischen Gebiete ... Separatabdruck aus den Mitteilungen des Botanischen Vereins für Gesamtthüringen ... [1890]. Oct.

Publ.: 1890 (p. 42: Feb 1890), p. [41]-44. *Copy*: B. – Reprinted and to be cited from Mitt. bot. Ver. Gesamtthüringen 8: 41-44. 1890.

19.318. *Beiträge zur Kenntnis der Gattung Carex* ... Sonderabdruck aus den Mitteilungen des Botanischen Vereins für Gesamtthüringen ... 1890. Oct.

Publ.: 1890 (p. 26: Aug 1890), p. [23]-26. *Copy*: B. – Reprinted and to be cited from Mitt. bot. Ver. Gesamtthüringen 9: 23-26. 1890.

19.319. *Kritische* und andere bemerkenswerte *Pflanzen aus der Flora von Coburg* ... Sonderabdruck aus den Mitteilungen des Thüringischen Botanischen Vereins ... [1891-1895]. Oct.

I: Sep-Dec 1891 (p. 7: dated Aug 1891), p. [1]-7. *Copy*: B. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2, 1: 25-31. 1891.

2(I): 1895, p. [16]-20. *Copy*: B. – Id. ser. 2, 8: 16-20. 1895.

2(2): 1896, p. [27]-29. *Copy*: B. – Id. ser. 2, 9: 27-29. 1896.

19.320. *Bemerkungen über einige Arten der Gattung Carex* ... [Ber. Bayer. bot. Ges. ... München 1891]. Oct.

Publ.: 1891 (in journal), p. [72-77]. *Copy*: L. – Reprinted and to be cited from Ber. bayer. bot. Ges. 1891: 72-77.

19.321. *Vergleich der Flora der Baar mit der des benachbarten Schaffhausen* ... Separatdruck aus den "Mitteilungen des Badischen Vereins". 1893. Oct.

Publ.: Jun-Dec 1893 (p. 7: Jan 1893, Bot. Centralbl. 14 Mar 1894, journal issue closed 13 Mai 1893), p. [1]-7. *Copy*: B. – Reprinted and to be cited from Mitt. Badisch. bot. Ver. 106: 53-59. 1893. – Addenda to K.H. Zahn, *Fl. Baar* 1889, TL-2/18.547.

Ref.: Höck, F., Beih. Bot. Centralbl. 4(5): 358-360. 1894 (detailed review).

19.322. *Über phyto- und zoomorphosen (Pflanzengallen)* ... Königsberg i. Pr. (Druck von R. Leupold) 1899. Qu. (*Phyto-zoomorph.*).

Publ.: 1899 (Nat. Nov. (1) 1900 sic), cover-t.p., p. [i], [1]-58, [I] pl. (uncol. lith. auct.). *Copy*: G. – Reprinted and to be cited from Schr. phys.-ökon. Ges. Königsberg i. Pr. 39: 82-139. 1898.

19.323. *Ueber einige in Kamerun auf Theobroma cacao beobachtete Pilze* ... Abdruck aus dem Centralblatt für Bakteriologie, ... 1903. Oct.

Co-author: Heinrich F. Strunk (fl. 1897-1914).

Publ.: 1903 (p. 1: 22 Nov 1903), cover, p. [1]-12. *Copy*: B. – Reprinted and to be cited from Centralbl. Bakt. Abt. 2, 11: 1-12. 1903.

19.324. *Bemerkenswerte Pilze I.* ... Sonderabdruck aus "Arbeiten aus der Kaiserlichen Biologischen Anstalt für Land- und Forstwirtschaft ..." 1906. Oct.

Co-author: Richard Laubert (b. 17 Mar 1870).

Publ.: 1906, p. [i-ii], [147]-154. *Copy*: B. – Reprinted and to be cited from Arb. Kais. Biol. Anst. Land-Forstwirtsch. 5(3): 147-154. 1906.

19.325. *Die Kultur als Grundlage zur besseren Unterscheidung systematisch schwieriger Hyphomyceten ...* Berlin (Gebrüder Borntraeger) 1910. Oct.

Publ.: 24 Nov 1910 (mss. 28 Oct 1910; Hefte & journal publ. 24 Nov 1910), cover-t.p., p. [435]-448, *pl. 13* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 28(8): 435-448. 24 Nov 1910.

Appl, Johann (fl. 1913-1941), Moravian botanist at Brno [Brünn]. (*Appl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Futak-Domin p. 86 (lists 7 publ.); LS suppl. 1089-1091.

19.326. *Die Filixabkömmlinge der Angiospermen ...* Sonderabdruck aus Fedde, Repertorium ... 1937. Oct.

Publ.: 30 Jun 1937 (in journal), p. [151]-156. *Copy*: B. – Reprinted and to be cited from Fedde *Repert. Spec. nov.* 42: 153-156. 1937.

19.327. *Versuch einer Ableitung der Monokotyledonen von den Lycopodiaceen ...* [Brünn (Gedruckt bei Rudolf M. Rohrer) 1937]. Oct. (*Ableit. Monokot.*).

Publ.: 1937 (date quoted in his *Filixabkömmlinge* see above), p. 1-7, 8 (printers imprint). *Copy*: B. – “Selbstverlag”.

19.328. *Zur Phylogenie der Gnetaceen ...* [Brünn (Gedruckt bei Rudolf M. Rohrer) 1937]. Oct. (*Phylog. Gnetac.*).

Publ.: 1937 (date given in his *Filixabkömmlinge* see above), p. [1]-5, [6-7 text, 8 imprint]. *Copy*: B. – “Selbstverlag”.

Applegate, Elmer Ivan (1867-1949), American rancher and ranger botanist, at Stanford University 1895, until to circa 1928 rancher, farmer and businessman in Klamath Falls, Oregon, ranger naturalist at Crater Lake National Park and other protected areas in California 1934-1938, at Stanford hon. acting curator of the Dudley Herbarium 1928-1934 and 1938-1949. (*Applegate*).

HERBARIUM and TYPES: DS (at CAS), further material at A, DBN, F, GH, MICH, NY, PH, US (p.p. orig. incl. field notes).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 69 (b. 31 Mar 1867); BL 1: 166, 209; Hortus 3: 1187; IH 2: 39, 142; NW p. 39; Zander ed. 10, p. 629, ed. 11, p. 714.

BIOFILE: Stieber, M.T. et al., *Huntia* 4(1): 25, 75, 152. 1981 (bot. records).

Thomas, J.H., *Contr. Dudley Herb.* 5(6): 148, 163. 1961 (brief biogr. sketch; d. 18 Nov 1949; list of publ.); *Huntia* 3: 35. 1969 (expl. Calif.).

19.329. *Plants of Crater Lake National Park ...* Notre Dame, Indiana (University Press) 1939. Oct.

Publ.: Sep 1939 (in journal), p. 225-314, *pl. 1-3*. *Copy*: MO. – Reprinted and to be cited from *Amer. Midl. Naturalist* 22(2): 225-314, *pl. 1-3*. 1939.

Appun, Carl Ferdinand (1820-1872), German (Bunzlau born) traveller and botanical collector, collected in Venezuela and the Guyanas (mainly in British Guyana 1863-1867). (*Appun*).

HERBARIUM and TYPES: (Guyana): B, BM, K (1401 nos., incl. nos. 199-400, 1419-1703), NY, W; (Venezuela): BM, K, LZ (destr.), NY, P. – Roraima collection destroyed.

Ref.: Ek, R.C., *Index of Guyana plant collectors*, Flora of the Guianas, Suppl. Ser. fasc. 1. 1990.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 69 (b. 24 Mai 1820, d. 18 Jul 1872; Br. Guyana q.v. for further refs.); IH 2: 39; Rehder 1: 72, 330, 338, 339, 3: 64, 150; Urban-Berl. p. 318.

BIOFILE: Appun, C.F., Beiträge zur Pflanzenphysiognomie Venezuela's, Bonplandia 4: 310-320. 1856; Hamb. Gart. Blumenzeit. 12: 537-551. 1856; Volksnamen einiger theils einheimischer, theils eingeführter Pflanzen Venezuela's, Bonplandia 4: 385-389. 1856.

Ek, R.C., Flora of the Guianas, suppl. ser. 1: 23. 1990 (coll.).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 241. 1877.

19.330. *Unter den Tropen.* Wanderungen durch Venezuela, am Orinoco, durch British Guyana und am Amazonenstrom in den Jahren 1849-1868 ... Jena (Hermann Costenoble) 1871. Oct. (*Unter den Tropen*).

Publ.: 1871, p. [i*], frontisp., [i]-xi, xii, [1]-559, [560], 5 unnumbered pl. (uncol. wood engr. in text). Copies: B-S, K.

* **Arber, Agnes (née Robertson)** (1879-1960), British botanist and philosopher, educated at the North London Collegiate School for girls 1887-1897; studied at University College, London 1897-1899, and Newnham College, Cambridge 1899-1902, research assistant to Ethel Sargent at Reigate 1902-1903, continued her research at University College 1903-1909, lecturer in botany ib. 1908-1909, D.Sc. Univ. London 1905, married E.A.N. Arber 1909, private scientist in Cambridge 1909-1960, research fellow Newnham College, Cambridge 1912-1913, 1918-1920. (*A. Arber*).

HERBARIUM and TYPES: Unknown.

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* **Arber, Edward Alexander Newell** (1870-1918), British palaeobotanist, stayed at Davos at the age of 15 for health reasons, educated at King Edward's School, Birmingham, at Mason's College and University College London; gardening in the Royal Horticultural Society's gardens at Chiswick 1893-1894; to Trinity College Cambridge 1895, studying botany; demonstrator on palaeobotany ib., working at the Sedgwick Museum until 1918; married Agnes Robertson [Arber]. (*E. Arber*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1921 (p. ix: preface 2 Oct 1920), p. [i, ii], portr., [iii]-xiv, 1-100. *Copies*: B, G, MO, NY, U.

Arbois de Jubainville, Marie-Alexandre (1835-1916), French (Lorraine) botanist and phytopathologist, studied at the École forestière, Nancy 1855-1857, at Épinal 1857-1858 for training purposes, “Garde général” at Vaucouleurs, “inspecteur adjoint” at Neufchâteau 1879-1886, “conservateur” at Niort 1886-1892; prolific writer on phytopathology. (*Arbois*).

HERBARIUM and TYPES: Unknown.

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Junior author: Julien Vesque (1848-1895), see TL-2/6: 715-716; this title treated as TL-2/16.059. *Publ.*: 1878, p. [i]-vii, [1]-328, *pl. 1-7* (col. liths.). *Copies:* G, HH.

* **Arcangeli, Giovanni** (1840-1921), Italian botanist, director a.i. botanical garden of Firenze 1877-1878, director of the botanical garden of the University of Torino 1879-1883, id. of Pisa 1883-1915. (*Arcang.*).

HERBARIUM and TYPES: PI (kept separately as PI-ARC), further material in BUC, GOET, H-BR, K, KIEL, L, PAD, PC, WRSL. – See IH 2: 40. Contributed also to exsiccatae *Erbario crittogamico italiano*.

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Publ.: 1874 (mss. dated 10 Sep 1874), p. [1]-21, *pl.* 1-2 (uncol. liths.). *Copy*: G. – Possibly originally a journal publication, not traced by us.

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(2): Ed. 2, 1894, preface 30 Jun 1894, mentioned as published by 24 Jul 1894 in Bot. Centralbl. 59: 151. 24 Jul 1894 (sic).

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(4): See S. Pignatti, *Flora d' Italia* 5-8. 1982.

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Authorship: [see p. 12]: G. Arcangeli, Antonio Bottini (1850-1931), Emile [Emilio] Levier (1839-1911), Caro Benigno Massalongo (1852-1928), Pier Andrea Saccardo (1845-1920), Carlo Pietro Stefano Sommier (1848-1922).
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- 19.376.** *Sulla comparsa della Opuntia intermedia* S. Dyck nella flora toscana ... [Estr. Processi verbali della Società Toscana 1904 [1905]]. Oct.
Publ.: Late Dec 1904 or early 1905 (read 4 Dec 1904), p. [1]-3, [4, identif.]. *Copy*: L. – Reprinted and to be cited from Atti Soc. Tosc. Sci. nat., Proc. Verb. 14(6): 137-139. 1904/5.
- 19.377.** *Studi sulla Victoria regia* Lindl. ... [Estratto dagli Atti della Società di Scienze naturali residente in Pisa-Memoria ... [1908]]. Oct.
Publ.: 1908 (p. 20 mss. signed 29 Dec 1907), p. [1]-20. *Copy*: L. – Reprinted and to be cited from Atti Soc. Tosc. Sci. nat., Mem. 24: 59-78. 1908.

Archbold, Andrea B. (1829-1881), American born physician and botanist, studied medicine and natural sciences at Paris, later some time at Porto Rico, ultimately in Italy (Florence). (*Archbold*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 71 (d. 6 Dec 1881, Firenze); BL 2: 398, 623; IH 2: 40; Jackson p. 319; Rehder 1: 428; Saccardo 1: 16, 2: 12.

19.378. *Flora dell' Alto Serchio e del Lima, ossia catalogo delle piante della regione appennina lucchese del Sig. A.B. Archbold*; pubblicato per cura di A. Carina ... Lucca (Tipografico Giusti) 1874. Oct. (*Fl. Alto Serchio*).
Publ.: 1874, p. [1]-82, [i, err.], folded map. *Copy*: HH (at GH).

Archer, Thomas Croxson (1817-1885), British surgeon and botanist, with Import Department Liverpool Custom House 1841-1860, formed economic collections of Liverpool imports for the Great Exhibition [London] 1851, also for Royal Institution, Liverpool; professor of botany Queen's College Liverpool 1857-1860, director Edinburgh Museum of Science and Art 1860-1885, president Bot. Soc. Edinburgh 1862; commissioner at various international "Exhibitions". (*T.C. Archer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 71; BB p. 9; BM 1: 55; CSP 1: 85, 6: 567, 7: 42, 13: 142; Dawson p. 17 (further refs.); GF p. 48; Jackson p. 66, 192; NI 45; PR 207-210, see also p. 574; Rehder 5(index): 25; Tucker 1: 40.

BIOFILE: Anon., Bot. Centralbl. 21: 383. 1885 (d.); Leopoldina 21(5-6): 59. 1885 (d. 19 Feb 1885).

Dallman, A.A. and M.H. Wood, Trans. Liverpool Bot. Soc. 1: 57-58. 1909 (curr. vit.; bibl.; b. 1817 Northampton; d. 19 Feb 1885, Edinburgh).

EPONYMY: *Archeria* J.D. Hooker (1857).

19.379. *Popular economic botany*; or description of the botanical and commercial characters of the principal articles of vegetable origin, used for food, tanning, dyeing, building, medicine, perfumery, etc. ... London (Reeve & Co., ...) 1853. Oct. (*Pop. econ. bot.*).

Publ.: Mai-Jul 1853 (p. viii; Mai 1853, Bonplandia 1: 156. 1853 (publ. by 20 Jul 1853), Bot. Zeit. 11 Nov 1853), p. [i]-viii, [ix]-xi, [xii-xiii], xv, [1]-344, [345]-359, [360, colo.], pl. 1-20 (hand col. liths. W.H. Fitch). *Copies*: G, MO, NY.

Later edition (with the title changed to "Profitable plants", a description [subtitle as in ed. 1] 1865, p. [i]-viii, [ix-xii], xv, [1]-359, [360, colo.], pl. 1-20. *Copies*: MO, NSUB.

Ref.: Anon., Hook. J. Bot. Kew Gard. Misc. 7: 32. 1855 (rev.).

19.380. *First steps in economic botany*, for the use of students; being an abridgment of popular economic botany. London (Lovell Reeve) 1854. Oct. (*First steps econ. bot.*).

Publ.: 1854, p. [1]-24, [adv.], [frontisp. pl.], [i]-xv, [1]-199, pl. 1-20. *Copy*: NY.

* **Archer, William (of Dublin)** (1830-1897), Irish botanist and microscopist, librarian, Royal Dublin Society 1876, id. to National Library of Ireland 1877-1895. (*W. Archer, Dublin*).

NOTE: See TL-2/1: 58.

HERBARIUM and TYPES: Unknown. – The botanist William Archer who sent plants to J.D. Hooker was William Archer, F.R.S., 1820-1874, resident in Tasmania.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 71; BB p. 9; BM 1: 55; CSP 1: 86, 7: 42, 9: 62, 13: 142; Desmond p. 17 (b. 6 Mai 1830, d. 14 Aug 1897); De Toni 1: iii-v (bibl. Desmid.), 2: vii, 4: iii; DNB suppl. 1: 57, concise ed. p. 28; GR p. 754; Kew 1: 73; LS 1053-1057, 30620; Morren ed. 10, p. 79; MW p. 22; NAF 11(1): 87, 2(1): 69, ser. 2. 6: 56; Rehder 2: 9, 861, 3: 282; TL-2/1: 58.

BIOFILE: Anon., Nat. Nov. 19: 518. 1897 (d. 14 Aug 1897 in Dublin); Ann. Scott. nat. Hist. 1898: 84; Bot. Not. 1898: 45 (d.).

Frazer, W., Irish Naturalist 1897: 253-257 (portr.), abstract in J. Bot. 35: 501-502. 1897. Nordstedt, C.F.O., Index Desmid. Bibl. 3-7. 1896 (detailed bibl.).

Praeger, R.L., Some Irish naturalists 41-42. 1949 (portr.).

Prescott, G.W., Bibl. Desmid. Univ. 14-31. 1984 (main bibl. of his writings on Desmids).

Wittrock, V.B., Acta Horti Berg. 3(2): 89, pl. 34. 1903, 3(3): 75. 1905 (portr.).

19.381. *Observations on the genera Cylandrocystis (Meneghini), Mesotaenium (Näg.), and Spirotaenia (Bréb.) (is Palmogloea, Kütz., pro maxima parte), mainly induced by a paper by Dr. J. Braxton Hicks, F.R.S., F.L.S., on the lower forms of Algae ... [Quart. J. microsc. Sci. ... 1866]. Oct.*

Publ.: 1866 (read 5 Mai 1865), p. [1]-22. *Copy*: B. – Reprinted and to be cited from Quart. J. microsc. Sci. ser. 2. 6: 203-224. 1866. – *Note*: John Braxton Hicks (1823-1897); for further details see e.g. Desmond p. 306 and CSP 3: 347, 7: 976, 10: 224, 15: 831.

19.382. *On two species in Saprolegnieae, referable respectively to the genus Saprolegnia (Nees v. Esenb.) and Achyla (Nees v. Esenb.) ... [Quart. J. microsc. Sci. ... 1867]. Oct.*

Publ.: 1867, p. [1]-7, [8], pl. 6 (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Quart. J. microsc. Sci. ser. 2. 7: 121-127. 1867.

19.383. *Notice of the genus Tetrapedia (Reinsch.). And of two kindred new forms ... [Quart. J. microsc. Sci. ... 1872]. Oct.*

Publ.: 1872 (read 24 Jun 1872), 1 col. pl. (frontisp., unsigned col. lith.), p. [1]-20. *Copy*: B. – Reprinted and to be cited from Quart. J. microsc. Sci. ser. 2. 12: 351-366, and [“On a minute Nostoc ...”] 367-374. 1872. – For first paper see also Grevillea 1: 44-47. 1873 and Proc. Irish Acad. 1: 296-309. 1873/74, and, second paper, Grevillea 1: 10-12, 23-26. 1873, Proc. Irish Acad. 1: 310-316. 1873/74, and Monthly microsc. J. 8: 90-91, 145. 1872.

19.384. *Notes on some collections made from Furnas Lake, Azores, containing algae and a few other organisms ... Extracted from the Linnean Society’s Journal – Botany ... [1874]. Oct.*

Publ.: 17 Oct 1874 (in journal), p. [i, recto of 328], [328]-340. *Copy*: B. – Reprinted and to be cited from J. Linn. Soc., Bot. 14: 328-340. 1874.

19.385. *On the minute structure and mode of growth of Ballia calliticha, Ag. (sensu latiori) ... Extracted from the Transactions of the Linnean Society of London ... [1876]. Qu.*

Publ.: Dec 1876 (in journal; read 15 Jun 1876), p. [211]-232, pl. 28-29 (col. liths. Tuffen West). *Copy*: L. – Reprinted and to be cited from Trans. Linn. Soc. London ser. 2. 1(4): 211-232, pl. 28-29. 1876.

Archer, William Andrew (1894-1973), American botanist and plant collector at the United States Department of Agriculture; studied at New Mexico State College and the University of Michigan, Ph.D. ib. 1926, instructor at Oberlin College 1925-1926, assistant plant pathologist U.S.D.A. 1926-1929, head dept. botany Escuela de Agricultura, Medellín, Colombia 1929-1931, Div. Forest Pathology U.S.D.A. 1931-1934, formally employed as explorer for U.S.D.A. 1934-1937, plant taxonomist and curator with the National Arboretum U.S.A. 1938-1964; in retirement working in the Botany Dept. Smithsonian Institution (*W.A. Archer*).

HERBARIUM and TYPES: US. – Further material at BPI, BRG, COL, DUKE, F, GH, IAN, K, MA, MEDEL, MICH, MO, NY, RENU, SP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 71 (b. 7 Nov 1894); IH 2: 40; LS suppl. 1: 1099-1103, 2: 930.

BIOFILE: Anon., *Taxon* 22: 523. 1973 (obit. not., d. 7 Mai 1973); *Nevada State Journal* 27 Mai 1973 (brief biogr. note).

Cattell, J. ed., *Amer. men Sci.* 65. 1949 (biogr. data).

Correll, D.S., *Taxon* 23(5/6): 755-758. 1974 (obit., b. 7 Nov 1894, d. 7 Mai 1973, bibl.).

Reifschneider, O., *Biogr. Nevada bot.* 1844-1963, p. 135-136. 1964 (biogr. sketch, portr.).

Stieber, M.T. et al., *Huntia* 4(1): 26-27. 1981 (mss. at HU).

19.386. *Morphological characters of some Spaeropsidales in culture, with reference to classification ... Annales mycologici ...* 1926. Oct.

Publ.: 20 Jun 1926 (date in journal on p. 178), cover-t.p., p. [1]-84, 8 pl. (phot.-micr.). *Copies*: B (journal), L (id.), NY. – Reprinted and to be cited from *Ann. mycol.* 24(1/2): 1-84, 8 pl. 1926.

19.387. *The fungi of Iowa parasitic on plants ...* Reprinted from *Iowa State College Journal of Science ...* 1929. Oct.

Senior author: Joseph Charles Gilman (1890-x).

Publ.: 1929, cover-t.p., p. 299-507. *Copy*: NY. – Reprinted and to be cited from *Iowa State Coll. J. Sci.* 3(4): 299-507. 1929.

19.388. *Exploration in the Choco intendency of Colombia ...* Reprinted from *The Scientific Monthly ...* 1937. Oct.

Publ.: Mai 1937 (in journal), p. [1]-17. *Copy*: FAS. – Reprinted and to be cited from *Sci. Monthly* 44: 418-434. 1937. **ckenhausen, Johann Christian Peter** (1784-1855), German (Goslar, Freie Reichsstadt, later Prussian) botanical artist, working for C.L. Blume 1829-1832. (*Arckenhausen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: SK 4: 47, cv.

BIOFILE: Anon., *Fl. males.* Bull. 33: 3362. 1980.

COMPOSITE WORKS: (1) Krebs, F.L., *Vollständige Beschreibung und Abbildung der sämtlichen Holzarten*, Braunschweig 1826-1835, 35 fasc., 149 pl., of which pl. 43b-138 (8-24 fasc.), 1828-1832 by A., see TL-2/3928.

(2) Blume, C.L., *Flora Javae* (esp. plates in period 1829 – ca. 1834), see TL-2/563.

(3) Blume, C.L., *Rumphia* (occasional contributions), see TL-2/566.

Ardène, Jean Paul de Rome d' (1689-1769), French clergyman and botanist, “prêtre de l’Oratoire de France” and “supérieur” of his college, in retirement from ca. 1750 for health reasons, at the Château d’Ardène near Sistéron, dedicating himself to botany. (*Ardène*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 72 (d. 5 Dec 1769); BM 1: 58; HU 2(1): cc, 2(2): 583 (index); Kew 1: 74; NI 45 n, na, nb; Plesch p. 128; PR ed. 1: 263-265; Rehder 3: 112; Stevenson p. 208; Tucker 1: 40.

BIOFILE: Haller, A. von, *Bibl. bot.* 2: 352, 551, 701. 1772.

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 253. 1877.

Stafleu, F.A., in G.H.M. Lawrence, ed., *Adanson* 1: 282. 1963.

19.389. *Traité des Renoncules*, dans lequel outre ce qui concerne ces fleurs, on trouvera des observations physiques, et plusieurs remarques utiles, soit pour l’agriculture, soit pour le jardinage ... A Paris (Chez Ph.N. Lottin ..., et Augustin-Martin Lottin, ...) 1746. Oct. (*Traité Renonc.*).

Ed. 1: 1746, cover, frontisp., p. [i-ix], 1-279, [282-283]. *Copy:* G.

Ed. 2: n.v.

Ed. 3: 1763, p. [i-vi], 1-10 (plan de l'ouvrage), 1-342, 6 pl. (copper engr.). *Copy:* B.

German translation: 1754, frontisp., p. [i-xiv], [1]-460, pl. 1-6 (col. copp. engr.), [i*-xx*, index]. *Copy:* WU. – Tractat von den Ranunkeln, worinnen nebst anderen physischen Wahrnehmungen auch zum Feldbau ... Nürnberg 1754. Oct. (*Tract. Ranunc.*). – See also PR ed. 1, no. 263.

19.390. *Traité de la culture des Renoncules, des Oeillets, des Auricules et des Tulipes ...* A Paris (Chez Savoye, ...) 1754. Duod. (*Traité cult. Renonc.*).

Publ.: 1754 (registered Paris 9 Apr 1754), p. [i*, t.p.], [i]-xxxviii, [1]-150, [151 t.p. traité des Oeillets]-304, [305, t.p. traité des oreilles d'ours, ...]-344, [345, t.p. traité des Tulipes]-447. *Copies:* HU, MO.

19.391. *Traité des oeillets*, par l'auteur du *Traité des Renoncules*, ... Paris (Chez Lottin), Avignon (Chez Louis Chambeau, ...) 1762. Duod. (*Traité oeillets*).

Publ.: 1762, p. [i]-lxii, [63]-403, [1-3], 3 pl. *Copy:* HU (not seen by us, see HU 570).

* **Ardissone, Francesco** (1837-1910), Italian botanist, science teacher at the R. Scuola Technica di Acireale 1862, from 1863 id. at the Licea di Fano, from 1870 (or 1871)-1910 professor of botany at the Scuola superiore di Agricoltura di Milano as well as director of the Botanical Garden at Brera (Hortus braidensis). (*Ardiss.*)

HERBARIUM and TYPES: MI (orig. herb.), further material in AWH, BUC, FI, KIEL, L, PAD. – Contributed to the *Erbario crittogamico italiano*, see Anzi.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 263; Barnhart 1: 72 (b. 8 Sep 1837, d. 4 Apr 1910); BJI 1: 1; BL 2: 364, 373; BM 1: 58, 6: 32; Bossert p. 13; CSP 7: 43, 9: 63, 12: 21, 13: 144; De Toni 1: v-vi, 2(1): vii, 4: iii; IH 2: 40; Jackson p. 47, 156, 157, 164, 316, 317, 318, 322, 489; Kew 1: 14; LS 1059-1060, 3450; LS suppl. 1104; Moebius p. 90; Morren ed. 10, p. 84; PR 211-212; Saccardo 1: 17; TL-2/1: 58-59.

BIOFILE: Anon., Leopoldina 46: 102. 1910 (d. 4 Apr 1910); Nat. Nov. 32: 814. 1910 (d. 4 Apr 1910).

Ardissone, F., *Elenco delle memorie e opera pubblicato da Francesco Ardissone* [2 p.], s.d.s.l. [1878].

Candolle, Alph. de, *Phytographie* 392, 410. 1880.

De Toni, G.B., *La Nuova Notarisia* 25: 114-123. 1910 (obit.); *Atti Pontif. Accad. Roma Nuov. Linc.* 63. 1910, sess. III (20 Feb 1910).

De Toni, G.B. and Levi, *Notarisia* 3 (suppl.): i-xxx, pl. 1-12. 1888 (frontisp. portr. A.).

Ilg, G., *Hoppea* 42: 317. 1984 (membership Regensb. bot. Ges.).

Koster, J.Th., *Taxon* 18: 549. 1969.

Müller, R.H.W. and R. Zaunick, *Friedr. Traug. Kützing* 274. 1960.

Nordstedt, C.F.O., *Index Desmid. bibl.* 7. 1896.

Prescott, G.W., *Bibl. Desmid. univ.* 31. 1984 (lists 3 publ. on Desmids).

Wittrock, V.B., *Acta Horti Berg.* 3(2): 159, pl. 31. 1903, 3(3): 174, pl. 135. 1905 (portr.).

19.392. *Enumerazione delle alghe di Sicilia ...* Genova (Co'tipi del R.I. de' Sordo-Muti) 1864. Oct. (*Enum. alg. Sicilia*).

See TL-2/1: 152.

Appendice all' Enumerazione delle Alghe di Sicilia, undated, unidentified pamphlet, p. [1]-7. *Copy:* L.

19.393. *Le Floridee italiane descritte ed illustrate ...* Milano (Tipografia editrice Lombarda) 1869-1878. Qu. (*Florid. ital.*).

I(1): 1874 (Bot. Zeit. 13 Nov 1874), cover-t.p., p. [1]-80, *pl. 1-5* (col. liths. auct.). – *Rivista delle Callitamnnee italiane*. Copies: B-S, BR, G, NY, U.

I(2): Aug 1869, published in Nuov. Giorn. bot. ital. 1(3): 161-193. 1869, *pl. 6-11*. – *Studi sulle alghe italiane (Crittonea)*.

I(3): 1871, published in id. 3(1): 32-50. 1870. – See also 3(2): 91-94. 1871 (anticritism). – *Studi sulle alghe italiane, ordine delle Gigartinee*.

I(4): 1871, published in id. 3(4): 303-312. 1871. – *Studi sulle alghe italiane, ordine delle Gigartinee*.

I(5): 1874 (Bot. Zeit. 13 Nov 1874) 2 unnumb. *pl.* (col. liths. auct.).

Note: The attribution of papers 1(2,3,4,) stems from Bot. Zeit. 32: 751. 13 Nov 1874.

2(1): 1875 (date on cover; t.p. has 1874; Bot. Zeit. 13 Aug 1875), cover, [1, t.p.], [3]-88, *pl. 1-14* (col. liths.). Copies: B, G, L. – *Hypneaceae, Gelidieae, Spaeroccoideae*.

2(2): 1876 (Bot. Zeit. 6 Oct 1876), cover-t.p., p. [1]-40, *pl. 15-16* (col. liths.). Copy: G. – *Squamariaceae, Wrangelieae, Chondrieae*.

2(3): 1878 (Bot. Zeit. 26 Jul 1878, Nat. Nov. Jan 1879), cover-t.p., p. [41]-159, *pl. 17-20* (id.). Copy: IDC 6339.

Microfiche edition: IDC 6339 (lacking 1(2-4), 2(2)).

19.394. *La vie des cellules* et l'individualité dans le règne végétal. Introduction au cours de botanique cryptogamique ... traduit par André Champseix ... Lue à l'École Royale Supérieure d'Agriculture de Milan le 7 janvier 1874. Milano (Tipografia editrice Lombarda ...) 1874. Oct. (*Vie cellules*).

Publ.: 1874 (read 7 Jan 1874), cover-t.p., p. [1]-16. Copies: G, L, U.

19.395. *I Funghi*. Sunto di alcune lezioni di botanica crittogamica dettate dal prof. Francesco Ardissonne nella R. Scuola superiore di Agricoltura in Milano nel Febbraio e Marzo 1874. Milano (Tipografia editrice Lombarda ...) 1875. Oct. (*Funghi*).

Publ.: 1875, cover-t.p., p. [1, t.p.]-56. Copies: L(2).

19.396. *Enumerazione delle alghe di Liguria ...* Milano (Tipografia editrice Lombarda ...) 1877. Oct. (*Enum. alg. liguria*).

Co-author: Ildefonso Strafforello (1823-1899).

Publ.: 1877, p. [1]-238. Copies: B, G, L, NY.

19.397. *La vegetazione terrestre* considerata nei suoi rapporti col clima ... Milano (Fratelli Dumolard) 1885. Oct. (*Veg. terr.*).

Publ.: Jan-Jun 1885 (Nat. Nov. Jul (2) 1885; Bot. Zeit. 28 Aug 1885; J. Bot. Sep 1885), p. [v]-xxiv, [1]-190. Copies: MO, NY. – Bibliotheca scientifica internazionale xli. Pages [i-iv] contain a list of publications in this series.

Ref.: Solla, R.F., Bot. Jahrb. 7 (Lit.): 4-6. 3 Nov 1885 (rev.).

Flahault, Ch., Bull. Soc. bot. France 33 (Rev. bibl.): 73-74. 1886 (rev.).

19.398. *Le alghe cosmopolite ...* [ex Rendiconti R. Ist. Lomb. 1891]. Oct.

Publ.: 1891, p. 770-781. Copy: NY. – Reprinted and to be cited from Rendic. R. Ist. Lomb. ser. 2. 27(19): 770-781. 1891.

19.399. *L'organismo vivente* considerato nella sua essenza e nella sua origine. Conferenza Varese (Tipografia Maj e Malnati) 1892. Qu.(form.). (*Organ. viv.*).

Publ.: 1892 (read 12 Mai 1892), cover-t.p., p. [1]-24. Copies: G, L.

Ed. 2: 1893 (p. 3 signed 26 Sep 1892), cover-t.p., p. [1]-25. Copy: G.

19.400. *Catalogo delle piante vascolari del Monte Baro ...* Milano (Ulrico Hoepli, ...) 1903. Qu. (*Cat. piante vasc. Monte Baro*).

Publ.: 1903 (read 30 Apr 1903), p. [i-ii], [1]-50. Copies: B-S, NY. – Issued as Mem. Ist. Lomb. Sci. Lett., Cl. Sci. 20 (fasc. 2): 51-100. 1903.

Aggiunte e correzioni: 1905, p. [7]-8. Copy: B-S. – Issued as id. 20(fasc. 5): 163-164. 1905.

* **Arduino, Honoré** [Onorato] **Jean Baptiste** (1819-1874); French-Italian botanist at Menton. (*Arduino*).

HERBARIUM and TYPES: FI. – His *Fl. anal. Alpes-mar.* was mainly based on the Bornet-Thuret collections, now at P and PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 305; Barnhart 1: 72 (b. 19 Sep 1819, Menton, d. 24 Aug 1874, Menton); BL 2: 117, 420; BM 1: 58; Bossert p. 14; CSP 7: 43; Hortus 3: 1187; IH 2: 40; Jackson p. 279, 287; Kew 1: 75; PR 213-214; Saccardo 1: 17, 2: 12, cron. p. xiv; TL-2/1: 59; Tucker 1: 40, 145.

BIOFILE: Burnat, E., Bull. Soc. bot. France 30 (sess. extraord.): cix. 1893 (b. 19 Sep 1819, d. 24 Aug 1874, list of publ., note on his material used for his *Flore*).

Cavillier, F., Boissiera 5: 10-11. 1941 (bibl.).

Saccardo, P.A., Malpighia 13: 100. 1899 (ref. to portr.).

Wittrock, V.B., Acta Horti Berg. 3(2): 159. 1903.

19.401. *Flore analytique du département des Alpes-maritimes ...* see TL-2/158.

Copies: G, NY; IDC 8415.

19.402. *Catalogue des plantes vasculaire qui croissent spontanément aux environs de Menton et de Monaco avec l' indication des principales espèces de Nice, Sospel, Vintimille, S. Remo, etc. ...* Turin (Imprimerie royale) 1862. Oct. (*Cat. pl. vasc. Menton Monaco*).

Publ.: Aug-Dec 1862 (p. xiii: 26 Jul 1862, Bull. Soc. bot. France Feb 1863), cover-t.p., p. [i]-xiii, [1]-46. Copies: B, G, MO, NY, PH.

Ref.: Anon., Flora 46: 191-192. 30 Apr 1893 (rev.).

Fournier, E., Bull. Soc. bot. France 9: 555-556. Mar 1863 (rev.).

Arduino, Luigi (1759-1834), Italian botanist at Padova, son of Pietro Arduino. (*L. Ard.*)

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 72 (b. 29 Mar 1759 Padova, d. 5 Apr 1834, Padova); BM 1: 58; Dryander 3: 583; PR 217-219, ed. 1: 270-274; Saccardo p. 17, cron. p. xiv.

BIOFILE: Anon., Flora 3(1) Beil. 1: 2. 1820.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 253-254. 1877.

Pritzel, G., Linnaea 19(3): 449. 1846 (d. 1834, refers to "Nuovi Saggi Padova vol. v. 1840").

Saccardo, P.A., Della Storia e letteratura della Flora veneta, milano 1869, p. 68, 70, 71.

19.403. *Della coltura del Solano di Guinea* piante utilissima per l' arte tintoria istruzione estesa per venerata commissione dell' eccell. magistrato de' sigg. riformatori dello studio di Padova ... Padova (Impresso nel Seminario ...) 1793. Oct. (*Colt. Solan. Guinea*).

Publ.: 1793, p. [i]-xv. Copy: WU.

* **Arduino, Pietro** (1728-1805), Italian botanist and agriculturist, custos and ad interim (1757-1760) director of the Padova Botanical Garden, main occupation professor of agriculture (appointed 1763) and, from 1776 founder and director of the agrarian garden of Padova University. (*Ard.*).

HERBARIUM and TYPES: Some at PAD (Saccardo 2: 12). – For further details see TL-2/1: 60.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 49, 5(1): 761; Backer p. 37; Barnhart 1: 72 (b. 18 Jul 1728, Caprino, Verona, d. 13 Apr 1805, Padova); BM 1: 58; Dryander 3: 80, 239, 334, 557; DTS 1: 4, 6(4): 3; Hegi 7: 1931; Hortus 3: 1187; IH 2: 40; Jackson p. 134, 436; Kew 1: 75; KR p. 44 (b. Caprino nr. Verona sic); NI 46-47; PR 220-222, ed. 1: 275-282; RS p. 72;

Saccardo 1: 17, 2: 12, cron. p. xiv; TL-1: 8-9; TL-2/1: 60 and see J.A. Scopoli; Tucker 1: 40; Zander ed. 10, p. 591, ed. 11, p. 714.

BIOFILE: Anon., Flora 3(1), Beibl. 1: 2. 1820.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 253-254. 1877.

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19.404. Memorie di osservazioni, e di sperienze sopra la coltura, a gli usi di varie piante che servono o che servir possono utilmente alla tintura, all' economia, all' agricoltura ec. ... tomo primo Padova (nella Stamperia del Seminario con licenza de' Superiori) 1766. Qu. (*Mem. osserv. var. piante*).

Publ.: 1 (all published): 1766, p. [i]-xxiv, 1-105, 19 pl. Copy: NSUB.

* **Arechavaleta y Balpardo, José** (1838-1912), Spanish born botanist, emigrated to Uruguay in 1852, practicing pharmacist at Montevideo 1852-1873, from 1862 titular professor of pharmacy at the University of Montevideo, regular professor at the Faculty of Medicine l.c. 1873, founded an institute of experimental hygiene, assistant director of the Museo nacional of Montevideo from 1890, director of the Natural history museum 1911-1912. (*Arechav.*).

HERBARIUM and TYPES: MVM (12.000), further material at B, BAF, CORD, F, G, K, L, LD, M, MIN, NY, PH, R, WRS, ZT. – *Exsiccatae*: contributed to V. Wittrock and O. Nordstedt, *Algae aquae dulcis exsiccatae*, see IH 2(7): 1177.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 72; BJL 2: 4; BL 1: 259; BM 1: 58, 6: 92; Bossert p. 14; CSP 13: 145; De Toni 1: vi; GR p. 760; Hortus 3: 1187; IH 1(ed. 6): 355, 2: 40; Kew 1: 75; LS 1061; Morren ed. 10, p. 142; Rehder 1: 345, 2: 58; TL-1: 9; TL-2/1: 60-61; Tucker 1: 40, 764; Urban-Berl. p. 261, 273, 293, 325; Zander ed. 10, p. 629, ed. 11, p. 715.

BIOFILE: Anon., Bot. Centralbl. 119(7): 176. 13 Feb 1912 (appt. dir. Mus. Hist. nat.), 120(36): 272. 3 Sep 1912 (d.); Physis 1: 96-98. 1912 (brief biogr., portr., b. Bilbao 27 Sep 1838, d. 16 Jun 1912, Montevideo); Rev. Asoc. rural Uruguay, Montevideo 41: 463-464. 1912 (obit., fide Bot. Centralbl. 124(5): 80. 1913); Hedwigia 53(1): (95). 1912 (d. 16 Jun 1912); ÖBZ 62: 447. 1912 (d.); Allg. bot. Z. 18: 120. 1912 (d.); Deut. entom. Z. 1912: 608; Nat. Nov. 34: 461. 1912 (d.).

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EPONYMY: *Arechavaletia* Spegazzini 1899; *Arechavaleta* O. Kuntze Dec. 1903.

19.405. *Cuatro Gramíneas nuevas y una conocida de la República Uruguay, ...* Buenos Aires (Imprentade Juan A. Alsina, ...) 1895. Oct.

Publ.: Jul 1895 (copy G is dated by author; Bull. Soc. bot. France rd. between 12 Aug and 31 Dec 1895), p. [i], [177]-187. *Copy*: G. – Reprinted and to be cited from Anal. Mus. nac. Buenos Aires 4: 177-187. 1895.

19.406. *Vegetación uruguaya. Varias especies nuevas ...* [Montevideo (Talleres Gráficos A. Barreiro y Ramos ...) 1911]. Oct.

Publ.: 1911, cover [identif.], p. [59]-83. *Copy*: G. – Reprinted and to be cited from Anal. Mus. nac. Montevideo ser. 2. 1(3): 59-83. 1911.

Arena, Filippo (1708-1789), Italian (Sicily) jesuit, mathematician and botanist, teacher of mathematics at various Jesuit colleges: at Viterbo, and as professor of mathematics at the Jesuit college in Malta, later at the Collegio imperial di Palermo, from 1773 in retirement in Rome. (*Arena*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 72 (b. 1 Mai 1708, Piazza Americana, Sicily); BM 1: 58; Encicl. Ital. 4: 150; NI 48, Nachtr. 17; Plesch 16; PR 223, ed. 1: 283; Rehder 3: 126; Saccardo 1: 17, 2: 12-13.

BIOFILE: Bunyard, E.A., J. Roy. Hort. Soc. 1923: 183-184.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 254. 1877.

Solms-Laubach, M. Graf zu, Bot. Zeit. 55(2): 113-117. 16 Apr 1893 (detailed account of *La natura*).

Sommervogel, C., Bibl. Comp. Jésus 1: 527. 1890 (brief biogr.; b. 1 Mai 1708, Piazza, Sicily; jesuit from 14 Nov 1723).

19.407. *La natura, e coltura de' fiori* fisicamente esposta in due trattati con nuove raggioni, osservazioni, e sperienze. A vantaggio de' fioristi de' fisici, de' botanici ed agricoltori ... Palermo (Appresso Angelo Felicella) 1767-1768. Text qu., pl. obliq. fol., 3 vols. (*Natura coltura fiori*).

1: 1767 (preface 17 Apr 1767), p. [i]-viii, [1]-163 (part 1), 164-337 (part 2), 338-440 (part 3).

2: 1768, p. [i]-viii, 1-416, 1-167, [1-8].

3: (*plates*): 1767, p. [1], pl. 1-65 (copper engr. by P. Mario Camareri).

Copy: G.

Arendt, Georg (1888-?), German (Silesian) pharmacist and botanist, educated at the Gymnasium at Sagan (Schles.), studied at various Silesian pharmacies (e.g. 1909-1914 in Breslau), State examination pharmacy Breslau 1914, on active service 1914-1918, practicing pharmacist 1918-1923, studied at the University of Berlin 1923-1926, Dr. phil 1926 with L. Diels. (*G. Arendt*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Arendt, G., Beitr. Kenntn. Tamarix 1926 (p. [59]: b. 8 Jan 1888, Sagan in Schles., Vorexamen Pharmacy 20 Sep 1911, Staatsexamen id. Breslau 15 Aug 1914, on active service 12 August 1914 – 21 Dec 1918; Oct 1923 to Univ. Berlin).

NOTE: Not to be confused with Georg Arends (21 Sep 1863-8 Mar 1952, a German plant breeder, auto-biograph "Mein Leben als Gärtner und Züchter", 1951 (see e.g. Zander ed. 7, p. 314).

19.408. *Beiträge zur Kenntnis der Gattung Tamarix*. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der philosophischen Fakultät der Friedrich-Wilhelm-Universität zu Berlin ... Borna – Leipzig (Universitätsverlag von Robert Noske) 1926. Oct. (*Beitr. Kenntn. Tamarix*).

Publ.: 16 Mar 1926 (date of defense thesis), p. [1]-56, [57-58], 2 pl. (1 map, 2 uncol. drawing), [59, vita]. *Copies*: B, U.

* **Arendt, Johann Josef Franz** (fl. 1828-1840), German (Hannoveranian) botanist at Osnabrück, member of the Regensburgische Botanische Gesellschaft (from 1837). (*Arendt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 72; BM 1: 58-59; PR 224-225, ed. 1: 284-285; Rehder 1: 378, 379; SO 840a; TL-2/1: 61.

BIOFILE: Anon., *Flora* 20 (Lit. Ber. 7): 31. 28 Feb 1837, 20: 369. 28 Jun 1837 (on *Scholia Osnabrug.*), see TL-2/163.

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Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 255. 1877.

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19.409. *Tabellarische Uebersicht der Flora des mittleren und nördlichen Deutschlands nach dem Linneischen Sexualsystem, verbunden mit der Methode der natürlichen Pflanzenfamilien, aufgestellt nach P.F. Cürrie's Anleitung etc.* 2-te Auflage 1828. Osnabrück (bei Friedr. Rackhorst) 1831. (broadside). (*Tabell. Uebers. Fl. Deutschl.*).

Publ.: 1831 (date of printing), p. [1]. *Copies*: G, MO, WU.

Arens, Federico Mathias (1886-x), German (Prussian, born in Peru), educated at the Gymnasium in Bonn 1896-1906, studied at the University of Bonn 1906-1911, employed in the Dutch East Indies sugar, rubber and oil palm industry until 1936, in charge of the Botanical Institute, Bonn 1936. (*Arens*).

HERBARIUM and TYPES: Unknown.

19.410. *Loranthus sphaerocarpus* auf *Dracaena* spec. Ein Fall des Parasitierens einer Loranthaceae auf einer Monokotyle. Zugleich ein Beitrag zur näheren Kenntnis des Loranthaceen-Haustoriums. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Rheinischen Friedrich-Wilhelms-Universität zu Bonn ... Jena (Verlagsbuchhandlung Gustav Fischer) 1911. Oct. (*Loranthus sphaeroc.*).

Publ.: 20 Dec 1911 (date of promotion), p. [i-iii], [1]-24, [25, vita], [26, expl. pl.], 1 pl. (uncol. phot.). *Copy*: B. – Preprinted from *Centralbl. Bakt. Parasitenk. Infect.-Krankh. Abt. II.* 32: 564-587, 1 pl. 1912.

Other issue: 1912, [half-title on recto of 564: i, dated 1912], [564]-587, 1 pl. *Copy*: B. – Reprinted from id.

Ref.: Schuepp, O., *Bot. Centralbl.* 126: 139-140. 4 Aug 1914 (rev.).

Arens, Pedro [Martin José] (1884-1954), German (Peru-born) botanist, returned to Germany 1896, studied at the Gymnasium and University of Bonn, Dr. phil. Bonn 1907, botanist at the rubber experiment Station at Bandung, Java, 1908-1910, botanist and assistant director of the rubber experiment station at Malang (Java), director of the scientific branch of the Rubber Cultuurmaatschappij, Karang, Deli (Sumatra), from 1931 in retirement at Hilversum, Netherlands working on Malesian mosses. (*P. Arens*).

HERBARIUM and TYPES: GRO and L, also BO and BM-Verdoorn.

BIBLIOGRAPHY and BIOGRAPHY: SBC p. 115.

BIOFILE: Sayre, G., *Bryologist* 80(3): 503. 1977 (lists herbarium colls.)
Wijk, R. v.d., *Vakbl. Biologen* 34: 23-24. 1954 (obit., d. 6 Jan 1954).

19.411. *Zur Spermatogenese der Laubmoose ...* Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Rheinischen Friedrich-Wilhelms-Universität zu Bonn ... (Druck der P. Hauptmann'schen Buchdruckerei) 1907. Oct. (*Spermatogen. Laubmoose*).

Publ.: 6 Aug 1907 (date of defense thesis), p. [1]-35, [36, vita], pl. [1]. Copies: B-S, NY.

* **Areschoug, Fredric Wilhelm Christian** (1830-1908), Swedish botanist, studied at the University of Lund 1847, fil. kand. 1852, Dr. phil. 1853, lecturer at Lund 1854, "adjunkt" for botany ib. 1858-1879, ordinary professor of botany and director of the University Botanical Garden, Lund 1879-1896. (*F. Areschoug*).

HERBARIUM and TYPES: LD (herbarium and botanical library donated to LD), further material in B, BP, CN, F, FI, K, L.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 763; Barnhart 1: 73; BJI 1: 2; BL 2: 538; BM 1: 59, 6: 32; Bossert p. 14; CSP 1: 89, 6: 567, 7: 44, 9: 64, 12: 21, 13: 145 (bibl. journal publ.); Frank 3(anh.): 5; IH 2: 40; Jackson p. 54, 86, 90, 334, 336, 338; Kew 1: 77; KR p. 44-48 (main bibl.); Moebius p. 368; Morren ed. 2, p. 31, ed. 10, p. 105; PR 228-231; Rehder 5(index): 26; TL-2/1: 61-62; Tucker 1: 40-41; Urban-Berl. p. 325; Zander ed. 10, p. 591.

BIOFILE: Åberg, B., *in* R.E. Fries, *Short hist. bot. Sweden* 122. 1950.

Almborn, O., *Bot. Not.* 133: 457-459, 463. 1980 (brief sketch of activities, portr.), see also his *Tre sekler botanik i Lund* 1968.

Andersson, G., *Sv. bot. Tidskr.* 3: (178)-(195). 1909 (obit., portr., bibl.); *Sv. biogr. lex.* 2: 149-158. 1920 (biogr., bibl.).

Anon., *Bot. Zeit.* 13: 832. 1855 (appt. lecturer), 37: 710. 1879 (succeeds J.G. Agardh), 68: 200. 1909 (d.); *ÖBW* 6: 93. 1856 (appt. lecturer at Lund; sic: various central European journals mention this appointment of 1854 only in 1855-1856); *ÖBZ* 59: 127. 1909 (d.); *Bull. Soc. bot. France* 26 (Bibl.): 191, 238. 1880 (succeeds J.G. Agardh at Lund); *Bot. Centralbl.* 76: 432. 21 Dec 1898 (retired from botany chair at Lund; succeeded by S. Berggren); *Hedwigia* 38: (60). 1899 (S. Berggren succeeds Areschoug), 48: (197). 1909 (d.); *Verh. bot. Ver. Prov. Brandenburg* 50: cxxxvi. 1909 (d. 21 Dec 1908; was member of this society from 1861); *Bot. Not.* 1909: 55-56. (biogr.), 1958: 8, 31 (see also numerous entries in *Bot. Not.* 1858-1933 in the *Bot. Not. Generalregister* 1939, p. 166); *Nationalencyklop.* 1: 518. 1989.

Areschoug, F.W.C., *Generalregister Bot. Not.* 1839-1938: 4-5, 86. 1939 (list of A's contributions to *Bot. Not.*).

Collander, R., *Hist. bot. Finland* 90. 1965.

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Högrell, B., *Bot. Hist.* 1: 274-275. 1886.

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Lundqvist, Å., *Sv. bot. Tidskr.* 75: 304. 1981 (Skånes fl.).

Osvald, H., *in* R.E. Fries, *Short hist. bot. Sweden* 137. 1950.

Wittrock, V.B., *Acta Horti Berg.* 3(2): 29, *pl.* 6. 1903, 3(3): 4, 206, *pl.* 104. 1905 (portr.).
 Wulff, E.V., *Intr. hist. pl. geogr.* 202, 213. 1943.
 Wulff, Th., *K. Sv. Vet.-Akad. Årsb.* 1910: 339-360 (biogr., bibl., portr.)

COMPOSITE WORKS: Areschoug, F.W.C., published the second edition, 1870, of M.W. Düben, *Handbok i växtrikets naturliga familjer*, see under Düben, KR p. 150, no. 4, and F.W.C. Areschoug, KR no. 42.

19.412. *Revisio Cuscutarum Sueciae* quam censent Ampl. Fac. Philos. Lundensi pro Laurea ... in I die xxvii Aprilis mdccccliii h. a. m. s. Lundae [Lund] (typis Berlingianis) 1853. Oct. (*Rev. Cusc. Suec.*).

Publ.: 27 Apr 1853 (date of defense thesis), p. [i], [1]-20, *1 pl.* (uncol. lith.) *Copies*: LC, NY.

19.413. *Botaniska observationer.* Akademisk afhandling, som med Vidtberömda Filosofiska Fakultetens tillstånd kommer att offentlig försvaras ... på Carolinska Akademien den 19 April 1854. p. v. t. Lund (tryckt uti Berlingska Boktryckeriet) 1854. Oct. (*Bot. obs.*).

Publ.: 19 Apr 1854 (date of delivery address), p. [i-iii], [1]-20. *Copies*: L (photocopy), LC, NY, US.

19.414. *Bidrag till Groddknopparnas morfologi och biologi.* Akademisk Afhandling som med vidtberömda Filosofiska Fakultetens i Lund tillstånd till offentlig granskning framställes ... Lördagen den 25 April 1857, å Auditoriet n:o 1, kl. q. f. m. Lund (tryckt uti Berlingska Boktryckeriet) 1857. Qu. (*Bidr. Groddknopp. morf. biol.*).

Thesis ed.: 25 Apr 1857 (date of defense thesis), p. [i], [1]-49, [50, err.], [51-55] (expl. pl.), *pl.* 1-7 (uncol. liths.). *Copies*: G, LC, NY. – Thesis to obtain the status of “adjunkt” for botany at Lund Univ.

Trade ed.: 1857 (on or shortly after 25 Apr 1857), p. [i], [1]-49, [50-55], *pl.* 1-7 (uncol. liths.). *Copies*: B, G, MO.

19.415. *Bidrag till den Skandinaviska Vegetationens historia ...* Lund (Tryckt uti Berlingska Boktryckeriet) 1867. Qu. (*Bidr. Skand. Veg. hist.*).

Publ.: 1867, p. [i], [1]-90, maps 1-2. *Copies*: G, KNAW. – Reprinted and to be cited from Lunds Univ. Årsskr. 3. 4:e afd. f. Mat. Nat. no. 4 [i]: 1-90, 2 maps. 1867.

Ref.: Anon., *Bull. Soc. bot. France* 16 (Rev. bibl.): 226-227. 1870 (detailed review).

19.416. *Växtanatommiska undersökningar ...* Lunds Univ. Årsskrift ... 1868-1870. Qu.

1: 1868, p. [1]-26, [27-28, expl. pl.], *pl.* 1-4 (uncol. liths.) *Copies*: G, MO. – Reprinted and to be cited from Lunds Univ. Årsskr. Afd. 2. Mat. Nat. 4:e. 11: 1-26, [27-28], *pl.* 1-4. 1868.

2: 10 Mai – 28 Jul 1871 (read 10 Mai 1871, *Bot. Zeit.* 28 Jul 1871), p. [1]-56, *pl.* 1-5 (uncol. liths.). *Copies*: G, MO. – *Id.* Afd. 2. Mat. o. Nat. 7. 7: 1-56, *pl.* 1-5. 1871 (for 1870).

19.417. *Om den Europeiska vegetationens ursprung ...* [Skand. Naturf. Forh. ... 1869]. Oct.

Publ.: 1869 (read 4 Jul 1869), p. [1]-27. *Copies*: B (unidentified reprint), G (id.). – Reprinted and to be cited from *Skand. Naturf. Forh.*, Møde 10: 54-80. 1869.

19.418. *Betraktelser i anledning af Stud. Alfr. Nathorst's upptäkt af fossila högnordiska växter i de Skånska sötvattenslerorna ...* [Botaniska Notiser ... 1871]. Oct.

Publ.: 2 Jan 1871 (date in journal), p. 3-8. *Copy*: B. – Reprinted and to be cited from *Bot. Not.* 1871: 3-8 [the Berlin reprint has added p. 9-14, O. Norstedt, *Om användandet af värme vid preparering af en del gröna alger*].

19.419. *Om Trapa natans L. och dess i Skåne ännu lefvande form ...* Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... Stockholm 1873. Oct.

Publ.: 1873 (read 8 Jan 1873), p. 65-80, *pl.* 1 (uncol. lith.) *Copies*: B, G. – Reprinted and to be cited from *Öfvers. K. Vet.-Akad. Förh.* Stockholm 30. 1873(1): 65-80, *pl.* 1.

English translation: *J. Bot.*, ser. 2. 2: 239-246, *pl.* 134. 1873.

- 19.420.** *Norges Rubi* beskreven af F.W. Areschoug. (Separataftryk af Blytt, Norges Flora III). [1876]. Oct.
Publ.: Jan-Feb 1876 (in Blytt's Norges Flora; Bot. Zeit. 10 Mar 1876), p. [1]-24. *Copies*: B, G. – Reprinted and to be cited from M.N. Blytt, *Norges Fl.* 3: 1153-1175. Jan-Jul 1876, see TL-2/573.
- 19.421.** *Beiträge zur Biologie der Holzgewächse ...* Lund (Fr. Berlings Buchdruckerei und Schriftgiesserei) 1877. Qu. (*Beitr. Biol. Holzgew.*).
Publ.: Jan 1877 (Bot. Zeit. 9 Feb 1877, id. 30 Mar 1877: “nur in geringer Zahl von Exemplaren gedruckt.”), cover-t.p., p. [1]-142, [143-144, text pl.], [145, err.], pl. 1-8 (uncol. liths.).
Copy: B. – Reprinted and to be cited from Lunds Univ. Årsskr. Afd. 2. Mat. Nat. 12(6): 1-142, [143-145]. 1876 (i.e. 1877 sic).
Addenda: Bot. Not. 1879: 1-6. – See also V.B. Wittrock, Bot. Not. 1879: 55 (note 2) and KR p. 46, no. 20.
- 19.422.** *Jemförande undersökningar öfver bladets anatomi ...* Lund (Fr. Berlings Boktryckeri och Stilgjuteri) 1878. Qu. (*Jemför. unders. blad. anat.*).
Publ.: 3 Oct 1878 (text read 9 Apr & 15 Oct 1873, 11 Apr 1877, 8 Mai 1878; book issue for centenary of society on 3 Oct 1878), p. [i-iv], [1]-242, pl. i-xi (uncol. liths. Pauline Odemus & Sven Axell Tullberg, with text [1-13]). *Copies*: G(2). – Preprinted or reprinted from Lund Fysiogr. sällsk. Minnesfest 3 Oct 1879, no. 9. See KR p. 47, no. 30 b.
Preliminary publ.: 1874, Förberedande redogörelse ... bladets anatomi, Bot. Not. 1874: 1-13, 33-36, 65-77 (also reprinted, [25] p.). See KR p. 47, no. 30 a.
- 19.423.** *Det fanerogama embryots nutrition.* Inbjudning till den filosofie doktorspromotion, som af Filosofiska Fakulteten i Lund anställes torsdagen den 31 Mai 1894. Af promotor. Lund (E. Malmströms boktryckeri) 1894. Qu. (*Fanerog. embr. nutr.*).
Publ.: 30 Mai 1894 (see p. 36: distr. one day before promotion), p. [i, t.p.], [1]-36. *Copies*: B, NY.
Other issue: 30 Mai 1894 (or possibly later), cover-t.p., p. [i, t.p.], [1]-21. *Copies*: B, G. – T.p.: *Det fanerogama embryots nutrition* af F.W.C. Areschoug ... (Aftryck af programmet ... 31 Mai 1894) Lund (id.) 1894. Qu. See KR p. 46, no. 24.
- 19.424.** *Artemisia stelleriana* Bess. in Europe ... Reprinted from the 'Journal of Botany' ... 1894. Oct.
Publ.: Mar 1894 (in journal), p. [1]-5. *Copy*: G. – Reprinted and to be cited from J. Bot. n.s. 32: 70-75. 1894. – KR no. 17(b). See also KR no. 17a for an earlier publ. by A. on this species.
- 19.425.** *Beiträge zur Biologie der geophilen Pflanzen ...* Lund (E. Malmström's Buchdruckerei) 1896. Qu.
Publ.: 1896 (read 22 Mai and 13 Nov 1895, Nat. Nov. Apr (2) 1896), cover-t.p., p. [i, t.p.], [1]-60. *Copies*: B, G(2), L, NY. – Reprinted and to be cited from Acta Reg. Soc. Phys. Lund. 6: 1896 (n.v.), also issued as Lunds Univ. Årsskr. 31, Afd. 2. [no:] 4. [fide KR p. 46, no. 25].
Ref.: G., Naturw. Rundschau 1896(33): 417-419 (rev.).
- 19.426.** *Lunds Universitets Botaniska Institution 1872-1897.* Lund (Berlingska Boktryckeri och Stilgjuteri-Aktiebolaget) 1897. Qu.
Publ.: 1897 (Nat. Nov. Dec (2) 1897), cover-t.p., p. [1]-18. *Copy*: U. – Reprinted from Lunds Univ. Festskr. Konungens Regeringsjubileum 1897, p. 208-225, chapter 9.
- 19.427.** *Undersökningar öfver de tropiska växternas bladbyggnad i jämförelse med de arktiska och boreala växterna ...* Uppsala (Almqvist & Wiksells Boktryckeri-A.-B.) 1905. Qu. (*Unders. trop. växt. bladbyggn.*).

Publ.: Apr-Oct 1905 (mss. submitted 8 Mar 1905; Nat. Nov. Dec (1) 1905, Feb (2) 1906), cover-t.p., p. [1]-207, *pl. 1-25* (uncol. drawings Louise Bergklint). *Copies*: B, MO, U(2); IDC 542. – Issued as K. Sv. Vet.-Akad. Handl. 39(2). 1905.

* **Areschoug, Johan [John] Erhard** (1811-1887), Swedish algologist, studied at Lund 1829, fil. kand. ib. 1835, fil. dr. 1838, lecturer (“docent”) in botany at Lund 1839, teacher natural sciences at the Göteborg Gymnasium 1841-1849, Borgström “adjunkt” for botany and agricultural economics at Uppsala University 1849, extraordinary professor of botany ib. 1858, Borgström professor id. 1859-1876, director of the Uppsala botanical garden 1863-1876, in retirement in Stockholm. (*J. Areschoug*).

HERBARIUM and TYPES: UPS (phan.), S (algae), AWH (diat.), REG. – For further details see TL-2/1: 62 and IH 2: 40.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 73; BJI 1: 2; BL 2: 521-522, 538; BM 1: 59; CSP 1: 88-89, 7: 44, 9: 64, 13: 145; De Toni 1: vi, 2: vii, 4: iii; Frank 3(Anh.): 5; GR p. 486; IH 2: 40; Jackson p. 516 (index); Kew 1: 77; KR p. 48-51 (main bibl., b. 16 Sep 1811, Göteborg, d. 7 Mai 1887, Stockholm); LS 1062; Moebius p. 368; Morren ed. 2, p. 31, ed. 10, p. 102; NAF 11(1): 87; NI 49-50; Nordstedt p. 35; PR 232-241, ed. 1: 287-290; Rehder 1: 90, 353-354; TL-2/1: 62-64, see J.M. Sieurin; TR 37; Tucker 1: 41; Zander ed. 10, p. 591.

BIOFILE: Almborn, O., Bot. Not. 13: 455. 1980.

Anon., Flora 20: 175. 1837 (issued exsicc. alg.), 24(1): 111. 1841 (appt. 1839 at Lund), 42: 95. 1859 (appt. Uppsala; grant to collect algae in France), 47: 348. 1864 (Elias Fries hands over directorate bot. gard. Uppsala to A.); Bot. Zeit. 7: 415. 1849 (appt. Uppsala), 16: 344. 1858 (collected algae Normandy), 45: 342. 1887 (d.); Bot. Centralbl. 30(23/24): 335. 1887 (obit. not.); ÖBZ 37: 261. 1887 (d.); Leopoldina 23: 112. 1887 (obit. not.); J. Bot. 42: 294-295. 1904 (biogr. note); Generalregister Bot. Not. 1839-1938: 5-6, 86, 132, 166. 1939 (refs. to publ. in Bot. Not. and mention of exsicc.); Nationalencyclopædie 1: 518. 1989.

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Ilg, W., Hoppea 42: 99. 1984 (member Regensb. Bot. Ges. 1838 [sic]).

Koster, J. Th., Taxon 18: 549. 1969 (coll.).

Nordstedt, C.F.O., Bot. Not. 1887: 150-151.

Sayre, G., Mem. New York bot. gard. 19(1): 61-62. 1969.

Scheutz, N.J.W., Bot. Not. 1863: 66.

Svedelius, N.E., Sv. biogr. lex. 2: 144-148. 1919 (biogr., portr., list publ., exsicc.).

Wittrock, V.B., Lefnadsteckn. Sv. Vet.-Akad. Ledam. 4(1): 35-62. 1899 (main biogr., bibl.);

Acta Horti Berg. 3(2): 30, *pl. 4*. 1903, 3(3): 4. 1905 (portr.).

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NOTE: The Borgström “adjunkt” and “professor” positions at Uppsala were financed from the endowment made to Uppsala University by E.E. Borgström (Värmland, d. 1770) in 1759.

19.428. *Stirpes in regione Cimbrishammnensi* sponte crescentes, quarum enumerationem, ven. ampl. ord. philos. Lundensis praeside Elia Magno Fries ... modeste proponit auctor Joh. Erh. Areschoug, Gothoburgensis. In Acad. Carol. die ii. Novemb. mdcccxxxi. Part I. [et sola]. Londini Gothorum [Lund] (ex Officina Berlingiana) 1831. Oct. (*Stirp. reg. Cimbrishammnensi*). *Publ.*: 2 Nov 1831 (date of defense thesis), p. [i-iii], [1]-16. *Copy*: L (photocopy).

19.429. *Plantae cotyledonae florum Gothoburgensis*, ... 1836, TL-2/167, pagination formula (corrected by B. Peterson): p. [i*-iv*], [i]-viii, [1]-150. – See further TL-2/167.

19.430. *Letterstedtia*, ny alg-form från Port Natal ... Öfversigt af Kongl. Vetenskaps-Akademiens förhandlingar ... 1850.

Publ.: 1850 (read 9 Jan 1850), p. [1]-4, *pl. 1* (uncol. lith. auct.). *Copy*: L. – Published in Öfvers. K. Vet.-Akad. Förh. 7(1): 1-4, *pl. 1*. 1850. – KR no. 15.

19.431. *Lärobok i botanik* till bruk vid den högre elementar-undervisningen och till ledning vid akademiska föreläsningar ... Stockholm och Uppsala (Adolf Bonnier) 1860-1863. Oct. (*Lärobok bot.*).

1: 1860, p. [i], [1]-80. Inledning.

2: 1862, p. [i*], [i-ii], 81-256. Morphologie.

3: 1863, [cover p. i**], p. [i*-viii*], 257-409, [i]-vi (contents 1-3). Morphologie.

Copies: GB-UB, LD, NY. – See KR no. 39.

19.432. *Alger, samlade vid Alexandria* af framl. Dr. Hedenborg ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar ... 1870. Oct.

Publ.: Late Dec 1870 or early 1871 (read 15 Dec 1870), p. 929-939. *Copy*: L. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 27(19): 929-939. 1870 (possibly early 1871). – KR no. 27.

19.433. *Algarum nonnullarum*, a se in Actis Reg. Soc. Scientiarum Ups. Ser. 3. tom. 1. pag. 329 [i.e. 327]-372 descriptarum, offert... [Upsala, Ed. Berling, 1875]. Oct. (form.). (*Alg. nonnull.*).

Publ.: Oct 1875 (date on p. 2), p. [1]-2. *Copy*: LD. – Independent pamphlet listing the new species described by Areschoug in Acta reg. Soc. Sci. Ups. ser. 3. 1. 1855 (repr. 1854), see TL-2/173. [Info. O. Almborn]. – KR no. 21(b).

19.434. *De tribus Laminariis* et de Stephano-cystide Osmundacea (Turn.) Trevis. observationes praecursorias ... Aftryck ur Botaniska Notiser 1876 ... Lund (Fr. Berlings Boktryckeri och Stilgjuteri) 1876. Oct.

Publ.: 15 Mai 1876 (in journal), p. [65]-73. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1876(3): 65-73. – KR no. 33.

19.435. *De copulatione microzoosporarum Enteromorphae compressae* L. ... Ex Botaniska Notiser 1876. Oct.

Publ.: 3 Nov 1876 (in journal), p. [129]-136. *Copy*: B. – Reprinted and to be cited from Bot. Not. 1876(5): 129-136.

19.436. *Beskrifning på ett nytt algsläkte*, tillhörande Laminarieernas ordning ... Aftryck ur Botaniska Notiser 1880. Oct.

Publ.: 19 Mai 1880 (in journal, mss. date 2 Mai 1880), p. [1]-3. *Copy*: L. – Reprinted and to be cited from Bot. Not. 1880: 96-98. 1880. – KR no. 36.

Armitage, Rev. Edward (1822-1906), British clergyman and amateur botanist, educated at University College York, B.A. 1845, at Magdalen College, Oxford 1845-1848, M.A. 1848, visited S. Africa (Natal) 1853, rector of Croscombe, Dorset 1858-1869; later active in the Western Mediterranean area (collected e.g. in Algeria in 1893). (*Edw. Armitage*).

HERBARIUM and TYPES: Some material from Algeria in K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 75; BFM p. 272; BL 2: 374; BM 1: 62; Desmond p. 18; IH 2: 41; Jackson p. 351; Morren ed. 10, p. 80; PR 245; Rehder 1: 494; Saccardo 1: 17.

BIOFILE: Bayer, A.W., S. Afr. J. Sci 67(8): 404. 1971 ("spent only a few months in Natal").
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 207.7. 1980.

Gunn, M. and L.E. Codd, Bot. expl. S. Afr. 82. 1981 (b. 17 Mai 1822, Maidstone, Kent, d. 22 Feb 1906, Cheltenham).

COMPOSITE WORKS: (1) *Observations on the botany of Natal*, in J. Chapman, *Travels in the interior of South Africa*, vol. 2, appendix, 1888, Copy: NY.

19.437. *A lecture on the botany of Natal*. Delivered at Pietermaritzburg on the 20th December, 1853, under the patronage of the Natal Society ... Natal (printed by James Archbell, at the office of the "Natal independent" and "Government Gazette", Pietermaritzburg) 1854. Oct. (form.). (*Lecture Bot. Natal*).

Publ.: 1854, cover-t.p., p. [1]-13. *Copy*: B-S. – The B-S copy was dedicated and sent to the Berliner Geographische Gesellschaft by William Bleek, Pietermaritzburg, on 13 Nov 1855.

19.438. *Catalogo nominale delle piante vascolari che crescono spontanee nei dintorni di Pallanza ed Intra ... Pallanza* (Premiato stabilimento tipografico eredi Vercellini) 1891. Oct. (form.). (*Cat. nom. piante Pallanza*).

Co-author: Enrico Weiss.

Publ.: 1891, cover-t.p., p. [3, t.p.]-28. *Copy*: B.

Armitage, Eleonora (1865-1961), British bryologist, lived at her property at Bridstow north of Ross on Wye; travelled widely especially in the Canary Islands, Azores and Madeira, active member of the British Bryological Society and interested in *Iris*. (*El. Armitage*).

HERBARIUM and TYPES: BRIST. – Further material in BM, DBN, MANCH, K, NOT, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 74; Desmond p. 18 (b. 11 Dec 1865, d. 24 Oct 1961); IH 1 (ed. 7): 37, 2: 41.

BIOFILE: Allorge, V., *Rev. bryol. lichén.* 32: 296-297, pl. 12 (portr.). 1963 (obit.).

Anon., *Rev. bryol. ser. 2.* 1(4): 220. 1928, 2(1): 55. 1929, 4(1): 47. 1931, 4(4): 213. 1933, 5(2-3): 144. 1933, 7: 133, 310. 1935, 9: 155, 163. 1936, 11: 122. 1939 (listing of publ.), 20: 224. 1951 (bryol. herb. to BRIST).

Bridson, G.D.R. et al., *Nat. hist. mss. res. Brit. Isl.* 269.41. 1980.

Hansen, A., *Bocagiana* 51: 3. 1980 (location Madeira mat.).

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Riddelsdell, H.J., *Fl. Glouc. cl.* 1948 (posthum.).

Sayre, G., *Bryologist* 80: 503. 1977 (coll. BRIST, NOT).

19.439. *The Hepatics of Herefordshire ...* [Transactions of the Woolhope Club, ... Hereford 1925]. Oct.

Publ.: 1925, p. [i, reprint-t.p.], 254-278. *Copy*: Gradstein. – Reprinted and to be cited from *Trans. Woolhope Club, Hereford 1925*, p. 254-278.

* **Arnaud, Gabriel** (1882-1957), French phytopathologist, Ing. agr., École natl. Agric. Montpellier 1902, assistant ib. 1902-1913, chef des travaux pratiques Station Pathologie végétale de Versailles 1913-1947 (1919 assistant director, 1923 director), Dr. Sci. Paris 1918, also professor of phytopathology École natl. Hort. Versailles 1937-1947. (*G. Arnaud*).

HERBARIUM and TYPES: MPA, and at Station path. vég. Versailles.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 76; GR p. 303; Kew 1: 80; LS 30.627-30.631; LS suppl. 1129-1176; MW p. 22; Roon p. 12; Stevenson p. 1234; TL-2/1: 64.

BIOFILE: Merrill, E.D., *B.P. Bishop Mus. Bull.* 164: 36. 1937.

NOTE: Published a *Traité de pathologie végétale* 2 vols., Paris 1932, 1900 p., atlas 34 pl. (*Encyclopédie mycologique* tomes 3-5).

19.440. *Sur le genre Eremothecium* Borzi ... Paris (au siège de la Société [Mycologique de France]) 1913. Oct.

Publ.: 1913, cover-t.p., p. [1]-5, [6, identif. printer], 1 pl. *Copy*: L. – Reprinted and to be cited from *Bull. Soc. mycol. France* 29(4): 572-576, pl. 33. 1913.

19.441. *Une maladie des Clivia en serre* ... Paris(63, Rue de Buffon, Paris ...) 1914. Oct.

Publ.: 1914 (read 3 Jul 1914), cover-t.p., p. [1]-2. *Copy*: L. – Reprinted and to be cited from *Bull. Soc. Pathol. Vég. France* 1(1): 36-37. 1914.

19.442. *Sur le genre Henriquesia* Pass. et Thum. ... Paris (au Siège de la Société [Mycologique de France]). 1914. Oct.

Publ.: 1914, cover-t.p., p. [1]-6, pl. 17-19. *Copy*: L. – Reprinted and to be cited from *Bull. Soc. mycol. France* 30(3): 355-360, pl. 17-19. 1914. – See also *ING* 2: 803. 1979.

19.443. *Le parasitisme des Coryneum* ... Paris (63, Rue de Buffon ...) 1915. Oct.

Publ.: 10 Aug 1915 (in journal), cover-t.p., p. [1]-7. *Copy*: L. – Reprinted and to be cited from *Bull. Soc. Pathol. Vég. France* 2(1): 64-70. 1915.

19.444. Serie A no. 805 no. d'ordre 1598. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles ... 1re thèse. *Les Astérinées*. 2e thèse. – ... Montpellier (Coudet et Fils ...). 1918. Oct.

Publ.: Aug 1918 (date on t.p.), cover-t.p., p. [i-v], [1]-288, [289], pl. 1-53 (uncol.). *Copy*: L. *Continuation*: parts 2, 3 (n.v.), 4 (*Ann. Sci. nat. ser. 10. Bot.* 7: 644-722, pl. 1-16. 1925), 5 (*Ann. Épiph.* 16; 235-302, pl. 1-14. 1930), 6 (n.v.), 7 (*Ann. Crypt. exot.* 4: 74-97, pl. 2-7. 1931).

* **Arnaud, Jean André Michel** (1760-1831), French physician and botanist, educated at the Collège du Bay; studied at the Faculté de Médecine, Montpellier, Dr. med. 1782, physician at Le Puy from 1782, later in charge of the hospital of Puy. (*J. Arnaud*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 76; BL 2: 155; CSP 1: 94; Jackson p. 213; Kew 1: 80; MD p. 35 (b. 28 Sep 1760, d. 24 Nov. 1831); PR 246, ed. 1: 298-299; Rehder 1: 407.

SEE: TL-2/1: 64-65.

* **Arnell, Hampus Wilhelm** (1848-1932), Swedish botanist and highschool teacher, educated at Härnösand highschool, final examination 1868, at the University of Uppsala 1868, fil. kand. 29 Mai 1872, disputation 18 Mai 1875, Dr. phil. 29 Mai 1875; docent for botany at Uppsala University 1875-1878, highschool teacher for chemistry and physics at Umeå highschool 1878-1879, id. as “adjunkt” at Härnösand 1879; lector natural history and chemistry Jönköping 1880, id. Gärlé 1894, id. Uppsala 1901-1913, in retirement in Uppsala, travelled in Scandinavia and Siberia (1877). (*Arnell*).

HERBARIUM and TYPES: UPS; further material at B, BM, BP, C, E, GB, H (musci), K, L, LD, LE, NY, OXF, PC, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 76; BJI 2: 4; BL 2: 517, 521, 545; BM 1: 62, 6: 33; Bossert p. 14; Clokie p. 122; Collander p. 36, 67; CSP 9: 70, 12: 23, 13: 158; IH 1 (ed. 6): 355, 2: 41; Jackson p. 332; Kew 1: 80-81; KR p. 52-56 (81 main entries); Lenley p. 10; Moebius p. 118; Morren ed. 10, p. 104; MW p. 22, suppl. p. 14; Rehder 2: 100, 104, 312; TL-2/1: 65; Urban-Berl. p. 293, 325.

BIOFILE: Anon., *Rev. bryol.* 3(3): 48. 1876 (to Siberia collecting); *Bot. Gaz.* 17(8): 266. 1892 (extensive journey to Northern Norway 1891); *ÖBZ* 44: 368. 1894 (appt. Gävle), 81: 320.

- 1932 (d. 18 Dec 1932); Nat. Nov. 23: 538. 1901 (appt. Uppsala); Hedwigia 73 (Beibl.): (197). 1933 (d. 18 Dec 1932, Uppsala); Rev. bryol. lichén. 7(1-2): 135. 1934 (brief obit.); Generalregister Bot. Not. 1839-1938 p. 6-7, 86, 166 (list entries). 1939.
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- Högrell, B., Bot. Hist. 284. 1886.
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- COMPOSITE WORKS: (1) With S.O. Lindberg, *Musci as. bor.* 1889-1890, see TL-2/4609.
- (2) With C.E.O. Jensen, *Moose Sarekgeb.* 1907-1910, see TL-2/3334.
- (3) Treated *Hepaticae*, in O.R. Holmberg, *Skand. fl.* 2a, 1928, see TL-2/2947; review L. Loeske, Hedwigia Beibl. 68(1): (19). Aug 1928.
- (4) Collections Arnell, in I. Hagen, *Musci Norveg. bor.* 1899-1904, see TL-2/2249.

19.445. (TL-2/177) *De Skandinaviska Löfmossornas kalendarium.* Akademisk afhandling, som med samtycke af vidtberömda filosofiska fakulteten i Uppsala för filosofiska gradens vinnande till offentlig granskning framställes ... på botaniska lärosalen tisdagen den 18 maj 1875 p.v.t.f.m. Uppsala (Esaias Edquists Boktryckeri) 1875. Oct. (*Skand. Löfmoss. kalend.*). Publ.: 18 Mai 1875 (date of defense thesis; Rev bryol. Jun 1875), p. [i, iii], [1]-129. Copies: G, MO; IDC 8538. – KR no. 2.

19.446. *Om vegetationens utveckling i Sverige åren 1873-75.* Akademisk afhandling som med samtycke af vidtberömda Filosofiska Fakultetens i Uppsala Matem.-Naturvetenskapl. sektion till offentlig granskning framställes af H. Wilh. Arnell filosofie doktor, docent i botanik å botan. lärosalen måndagen den 27 Maj 1879 p.v.t.f.m. Uppsala (Esaias Edquists Boktryckeri) 1878. Oct. (*Veg. utveckl. Sverige*). Publ.: 27 Mai 1878 (date of defense thesis), p. [i, t.p.], [1]-84, diagr. 1-3 (uncol.), 3 col. maps. Copy: G.

Other edition: 1878, p. [i], [1]-84, diagr. 1-3 (uncol.), 3 col. maps. – Reprinted from Ups. Univ. Årsskr., Mat. Nat. 1878, no. 1. – See KR no. 52.

19.447. *Om några Jungermania [sic] ventricosa* Dicks. närläufige lefvermossarter ... Afdrag ur Botaniska Notiser 1890. Oct. Publ.: 16 Mai 1890 (date of Bot. Not. issue on p. 160), p. [97]-104. Copies: B, G. – Reprinted and to be cited from Bot. Not. 1890: 97-104. – KR no. 14.

19.448. *Om släktnamnet Porella* Dill., Lindb. ... [Botaniska Notiser ... 1892]. Oct. Publ.: 12 Mai 1893 (fide journal p. 136), p. 127-132. Copy: G. – Reprinted and to be cited from Bot. Not. 1893: 127-132. – KR no. 20.

19.449. *S.F. Gray's levermoss-släkten ...* Bot. Not. 1893. Oct. Publ.: 15 Sep 1893 (date in journal), cover, p. [137]-151. Copy: G. – Reprinted and to be cited from Bot. Not. 1893: 137-151. – For S.F. Gray see TL-2/1: 994.

19.450. *Moss-studier ...* Bot. Not. 1894-1899, 5 parts. Oct.

1: 3 Apr 1894 (date in journal), p. [46]-63. *Copies:* G, Gr-V. – Reprinted and to be cited from Bot. Not. 1894: 46-63.

2: 15 Mai 1896 (id.), p. 97-110. *Copies:* B, G. – Id. 1896: 97-110.

3: 1 Apr 1897. – Id. 1897: 67-68.

4: 1 Apr 1898. – Id. 1898: 49-62, *pl. 1.*

5: 1 Apr 1899. – Id. 1899: 73-79.

See KR no. 22.

19.451. *Ein bryologischer Ausflug nach Tåsjö ...* Stockholm (Kungl. Boktryckeriet P.A. Norstedt & Söner) 1896. Oct. (*Bryol. Ausflug Tåsjö*).

Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941), Danish bryologist, see TL-2/2: 439-440.

Publ.: Jan-Apr 1896 (read 8 Mai 1895; t.p. 1896; Rev. bryol. Jun 1896, Nat. Nov. Mai (1) 1896), p. [1]-64, 1 map (C.J.O. Kjellström), 1 *pl.* (uncol. lith. C. Jensen). *Copies:* B, G, Gr-V, L, NY, U; IDC 7670 (375-377). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 21(Afd. III) no. 10. 1896. – KR no. 24.

Ref.: Bauer, E., Allg. bot. Z. 2(4): 72. 15 Apr 1896.

19.452. *Handledning vid växtinsamling* för den studerande ungdomen vid Gefle högre allmänna läroverk ... Gefle (Otto Sernanders boktryckeri) 1896. Oct. (*Handl. växtinsaml.*).

Ed. 1: 1896, p. [1]-18 (n.v.) – Fide KR no. 68a.

Ed. 2: 1897, p. [1]-20. *Copy:* LD. – *Handledning vid växtinsamling af H. Wilh. Arnell. Andra upplagan.* Gefle (id.) 1897. – KR no. 68b.

19.453. *Musci novi ...* Revue bryologique ... 1898. Oct.

Publ.: Jan-Feb 1898, p. [1]-9. *Copy:* B. – Reprinted and to be cited from Rev. bryol. 1898(1): 1-9.

19.454. *Beiträge zur Moosflora der Spitzbergischen Inselgruppe ...* Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar 1900. Oct.

Publ.: Feb-Jul 1900 (submitted 10 Jan 1900; Rev. bryol. Aug 1900), p. 99-130. *Copies:* B, GR-V. – Reprinted and to be cited from Öfvers. K. Vet.-Akad. Förh. 1900(1): 99-130. – KR no. 28.

19.455. *Novae species generis Kantiae ...* [Caen (Imprimerie-Reliare Ve A. Domin) 1902]. Oct.

Publ.: 1902, p. 26-32. *Copy:* B. – Reprinted and to be cited from Rev. bryol. 1902: 26-32. – KR no. 32. – Swedish abstract by author in Bot. Not. 1902: 157-158. – KR no. 32.

19.456. *Ueber die Jungermania [sic] barbata-Gruppe ...* Lund (Berlingska Boktr.) 1906. Oct.

Publ.: 15 Mai 1906 (date on cover-t.p.; Nat. Nov. Jun (1) 1906), cover-t.p., p. 147-157. *Copy:* GR-V. – Reprinted and to be cited from Bot. Not. 1906: 147-157.

19.457. *Sveriges Levermosser ...* Stockholm (Beijers Bokförlagsaktiebolag) [1907]. Oct.

Publ.: Aug-Dec 1907 (see TL-2/3955, sub Krok and KR no. 37), cover-t.p., p. [57, t.p.], [59]-84. *Copies:* B, G, Gr-V. – Reprinted and to be cited from Th.O.B.N. Krok and S.O.I. Almquist, *Sv. fl. skol., Krypt.* ed. 3. 1907 (TL-2/3955).

Further edition: 1917 (id. TL-2/3955, ed. 4), cover-t.p., p. [i, t.p.], 57-87. *Copies:* G, Gr-V. – Id. ed. 4. 1917.

19.458. *Über einige seltene skandinavische Cephalozia-Arten ...* Botaniska Notiser ... 1908. Oct.

Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941). TL-2/2: 439-440.

Publ.: 15 Feb 1908 (date in journal on p. 48), p. [journal extr. cover: i], [ii, adv.], [1]-16.

Copies: B(2), G, Gr-V. – Reprinted and to be cited from Bot. Not. 1908: 1-16.

19.459. *Hippophaë Rhamnoides* och *Thymus Serpyllum* ... Separattryck ur Svensk Botanisk Tidskrift. 1912. Oct.

Publ.: 23 Aug 1912 (in journal), cover-t.p., p. [229]-238. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 6(2): 229-238. 1912.

19.460. *Nya iakttagelser öfver dominerande blomningsföreteelser* ... Separattryck ur Svensk Botanisk Tidskrift ... 1912. Oct.

Publ.: 28 Oct 1912 (in journal), cover-t.p., p. [433]-446. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 6(3): 433-446. 1912.

19.461. Ueber drei kritische skandinavische Lebermoose ... Lund (C.W.K. Gleerup, ...) 1915. Oct. *Co-author*: Christian Erasmus Otterstrøm Jensen (1859-1941). TL-2/2: 439-440.

Publ.: 15 Sep 1915 (in journal; Nat. Nov. Nov 1915), cover-t.p., p. 179-190. *Copy*: Gr-V. – Reprinted and to be cited from Bot. Not. 1915: 179-190.

19.462. *Zur Moosflora des Lena-Tales*, Bericht über die im Jahre 1898 von Herrn Doctor H. Nilsson-Ehle an der Lena gesammelten Moose ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1913. Oct. (*Moosfl. Lena-Tal*).

Collector: Nils Herman Nilsson-Ehle (1873-1949), see IH 2: 597-598.

Publ.: 10 Sep 1913 (p. 94; printed 8 Sep 1913; date of issue given in journal; Nat. Nov. Mar (1) 1914), cover-t.p., p. [1]-94, pl. 1-3 (uncol. liths. C. Jensen). *Copies*: B, G, L, MO, NY, U; IDC 8562 (96-97). – Issued as Ark. Bot. 13(2). 1913. – KR no. 13.

19.463. *Det Naturhistoriska Riksmuseets Samling af Lefvermossor* ... Svensk botaniska Tidskrift ... 1916. Oct.

Publ.: 15 Jan 1916 (date in journal; read 27 Apr 1915), p. [385]-396. *Copy*: Gr-V. – Reprinted and to be cited from Sv. bot. Tidskr. 9(4): 385-396. 1915 (publ. 1916).

19.464. *Die Moose der Vega-Expedition* ... Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1917. Oct. (*Moose Vega-Exp.*).

Publ.: 24 Mai – 30 Jun 1917 (p. 111; printed 24 Mai, distributed in journal 7 Oct 1918; however Bot. Centralbl. reviewed it 9 Oct 1917; the paper no. (5) was evidently (as was customary) prepublished separately), cover-t.p., p. [1]-111. *Copies*: B, G, L, MO, NY, U; IDC 8562 (119-120). – Issued as Ark. Bot. 15(5). 1917. – KR no. 48.

Ref.: Almborn, O., Nord. J. Bot. 3(2): 180. 1983.

Arnell, H.W., Bot. Centralbl. 135: 232-234. 9 Oct 1917 (abstract).

19.465. *En bryologisk utflykt till Västmanland* ... Särtryck ur Svensk botanisk Tidskrift ... 1918. Oct.

Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941). TL-2/2: 439-440.

Publ.: 15 Nov 1918 (in journal), cover-t.p., p. [298]-322. *Copy*: Gr-V. – Reprinted and to be cited from Sv. bot. Tidskr. 12(3): 298-322. 1918.

19.466. *En bryologisk utflykt till Värmland* ... Särtryck ur Svensk botanisk Tidskrift ... 1922. Oct.

Co-author: Christian Erasmus Otterstrøm Jensen (1859-1941). TL-2/2: 439-440.

Publ.: 1922, cover-t.p., p. [341]-355. *Copy*: Gr-V. – Reprinted and to be cited from Sv. bot. Tidskr. 16(3-4): 341-355. 1922.

19.467. *Die schwedischen Arten der Gattungen Diplophyllum und Martinella*. Pflanzengeographische Skizzen ... Göteborg (Elanders Boktryckeri Aktiebolag) 1922. Oct. (*Schwed. Diplophyllum & Martinella*).

Publ.: 1922 (subm. 9 Jan 1922), p. [i-ii], [1]-80, [81-82]. *Copies*: B, G, Gr-V, MO. – Issued as Göteborgs K. Vet.-Vitterh.-Samh. Handl. ser. 4. 26(2). 1922.

- 19.468.** *Vegetationens årliga utvecklingsgång i Svealand ...* Stockholm 1923. Qu. (*Veg. Svealand*).
Publ.: 1923, cover-t.p., p. [1, t.p.]79, [80, cont.]. *Copy*: B. – Issued as *Medd. Stat. meteor.-hydrogr. Anstalt* 2(1). 1923. – German summary on p. 74–79.
- 19.469.** *Die schwedischen Jungermania[sic]-Arten.* Pflanzengeographische Skizzen ... Stockholm (Almqvist & Wiksells-Boktryckeri-A.B.) 1925. Oct. (*Schwed. Jungermania-Art.*).
Publ.: 14 Jan–31 Mai 1925 (printed 14 Jan 1925, Nat. Nov. Mai 1925), cover-t.p., p. [1]–99.
Copies: B, Gr-V, U. – Issued as *Ark. Bot.* 19(10). 1925.
- 19.470.** *Moss-studier i Nordingrå-Området (Ångermanland) ...* 1926. Oct.
Co-author: Christian Erasmus Otterstrøm Jensen (1859–1941). TL-2/2: 439–440.
Publ.: Late 1926 (date 1926 on preprint, date of publication in journal 27 Jan 1927), cover-t.p., p. [456]–469. *Copy*: Gr-V. – Preprinted and to be cited from *Sv. bot. Tidskr.* 20(4): 456–469. 1926 (publ. 1927).
- 19.471.** *Skandinaviens flora* utgiven af Otto R. Holmberg. II. Mossor a. *Levermossor* av H. Wilh. Arnell ... Stockholm (P.A. Norstedt & Söner Förlag) [1928]. Oct. (*Skand. fl., Levermoss.*).
Editor Skand. fl.: Otto Rudolf Holmberg (1874–1930), see TL-2/2: 260, no. 2947.
Publ.: Shortly after 20 Jan 1928 (date of printing), cover-t.p., p. i–iii, [1]–224. *Copy*: B. – Reprinted and to be cited: H.W. Arnell in O.R. Holmberg, ed., *Skand. fl.* 2a, 1927, see TL-2/2947.
- * **Arnold, Ferdinand [Christian Gustav]** (“von Eichstätt”) (1828–1901), German (Bavarian, Mittelfranken) lichenologist and bryologist, educated at the Gymnasium of Eichstätt and id. in München 1841–1846; studied law at the University of München 1846–1850 (1848–1849 in Heidelberg), Univ. exam. law 1850, state examination id., München 1853, also studying botany with Martius and Zuccarini, assistant judge in Eichstätt 1857, from 1864 judge, from 1877 id. at the München court of appeal ib. (“Oberlandesgerichtsrath”); in retirement from 1896, Dr. phil. h.c. München 1878. (*Arnold*).
- HERBARIUM and TYPES: M, for exsiccatae see TL-2/1: 65. – Herbaria holding further material: B, BM, BR, C (2000), EL, FH, FR, H, IBF, GOET, K, KIEL, L, LD (1000), LE, M, MANCH, MICH, MOD, MSTR, PC, PH, PRE, S, STU, UPS, W, WRSL.
- BIBLIOGRAPHY and BIOGRAPHY: ADB 12(1): 302, 12(2): 337; AG 12(1): 302, 12(2): 337; Barnhart 1: 77; BM 1: 63, 6: 33; Bossert p. 14; CSP 1: 97, 7: 47–48, 9: 70; DTS 1: 4–8, 4: [viii] (portr., dedic.), [xliiii], 6(4): 50; GR p. 2, pl. [12]; GR, cat. p. 60; IH (ed. 6): 355, IH 2: 41–42, 744; Jackson p. 161, 270; Kew 1: 81; LS 1070–1099, 30639; Morren ed. 2, p. 9, ed. 10, p. 18; Saccardo 1: 17–18; TL-2/see indexes; Urban-Berl. p. 284–293.
- BIOFILE: Anon., *Flora* 61: 544. 1878 (Dr. phil. München honoris causa); *Bot. Centralbl.* 87: 336. 1901 (d. 8 Aug 1901, München); *ÖBZ* 51: 407. 1901 (d.); *Hedwigia* 40(5): (174). 1901 (d.); *Rev. bryol.* 29: 36. 1902 (d.); *Int. lichenol. Newsletter* 15(1): 6. 1982 (on lichen herb. M).
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 Sayre, G., *Mem. New York bot. Gard.* 19(1): 112-114. 1969.
 Wagenitz, G., *Index coll. princ. herb. Gotting.* 15. 1982.
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HANDWRITING: Wagenitz, G., *Index coll. princ. herb. Gotting.* 198. 1982.

ICONES: A. issued photographs of lichens mainly from the types of the herbaria of Fr. W. Wallroth, H.G. Floerke, I. v. Flotow, L.E. Schaerer, K. Naegeli, D.F. Delise and F. Arnold within his series *Lichenes exsiccati* (see TL-2/1: 65). These photographs are listed, with critical notes by J. Anders, *Erklärungen zu den Icones von F. Arnold*, in *Beih. Bot. Centralbl.* 45(2): 541-562. 1929. According to L. Radlkofer (1901, p. 78) these photographs were issued in 1890.

19.472. *Lichenen aus dem südöstlichen Tirol ...* [Herausgegeben von der k.k. zool.-bot. Gesellschaft ... Wien 1864]. Oct.

Collector: Ludwig Molendo (1833-1902), see IH 2: 548.

Publ.: 1864 (read 6 Jul 1864), p. [1]-4. *Copies:* B, L. – Reprinted and to be cited from *Verh. k.k. zool.-bot. Ges. Wien* 14: 459-462. 1864.

19.473. *Flechten aus Krain und Küstenland gesammelt von J. Glowacki. Mikroskopisch geprüft und bestimmt von F. Arnold ...* [Verh. k.k. zool.-bot. Ges. Wien 1870]. Oct.

Collector: Julius Glowacki (b. 1846), see IH 2: 227.

Publ.: 30 Sep 1870 (read 4 Mai 1870; date of Heft 3 on p. xvi of journal vol.), p. [431]-466, *pl.* 8 (uncol. lith.). *Copies:* B, G. – Reprinted and to be cited from *Verh. k.k. zool.-bot. Ges. Wien* 20(3): 431-466, *pl.* 8. 1870.

19.474. *Lichenes exsiccati* 1859-1893. Nr. 1-1600 ... München (Druck von Val. Höfling's Buchdruckerei) 1894. Qu. (*Lich. exsicc.*).

Publ.: 1894, p. [1]-56. *Copy:* L. – Text accompanying the exsiccatae mentioned in TL-2/1: 65. The series of exsiccatae numbered ultimately 1816 specimens. This list contains the text accompanying the specimens numbered 1-1600.

19.475. Dr. H. Rehm *Cladoniae exsiccatae* 1869-1895. Nr. 1-440 von Dr. F. Arnold. München (Druck von Val. Höfling, ...) 1895. Qu. (*Clad. exsicc.*).

Editor of the exsiccatae: Heinrich Rehm (1828-1916), TL-2/4: 652-655.

Publ.: 1895, p. [1]-34. *Copy:* L.

19.476. *Labrador ...* München (Druck von Val. Höfling, ...) 1896. Oct. (*Labrador*).

Publ.: 1 Jul-17 Aug 1896 (p. 3: preface dated Jul 1896; *Bot. Centralbl.* 18 Aug 1896), p. [1]-18. *Copies:* B, G.

19.477. *Flechten auf dem Ararat ...* Extrait du Bulletin de l'Herbier Boissier ... 1897. Oct. (*Flechten Ararat*).

Publ.: Jul 1897 (in journal), p. [1]-3. *Copies:* B, G, U. – Reprinted and to be cited from *Bull. Herb. Boissier* 5(7): 631-633. 1897.

Arnold, Frederick Henry (1831-1906), British clergyman and botanist, privately educated, B.A. Trinity College, Dublin 1859, M.A. and LLB 1864, LLD 1892, held various ecclesias-

tical appointments in Sussex, rector of Racton-cum-Lordington, living at Emsworth, active in archeology, history of his county and botany. (*F.H. Arnold*).

HERBARIUM and TYPES: MANCH, further material at NMW.

NOTE: According to Kent and Allen (1984), p. 82 his herbarium is not at CCR (Chichester Museum).

BIBLIOGRAPHY and BIOGRAPHY: BB p. 10; BL 2: 270; BM 1: 63; CSP 13: 159; Desmond p. 19 (b. 18 Feb 1831, Petworth, Sussex, d. 4 Mai 1906, Emsworth); Rehder 1: 403; Tucker 1: 41.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.462. 1980.

Freeman, R.B., Brit. nat. hist. books 32. 1980.

Hawksworth, D.L. and M.R.D. Seaward, Lichenology Brit. Isl. 51. 1977 (two papers on lichens mentioned).

Kent, D.H. and D.E. Allen, British and Irish herbaria 82. 1984 (coll. at MANCH).

Wolley-Dod, A.M., Fl. Sussex xlv-xlvi. 1970 (evaluation of the *Fl. Sussex*).

19.478. *Flora of Sussex*: or, a list of the flowering plants and ferns found in the county of Sussex, with localities of the less common species ... London (Hamilton, Adams & Co.), Chichester (Wilmshurst) 1887. Oct. (*Fl. Sussex*).

Ed. 1: 1887 (preface Mar 1887), p. [i]-xxiii, [1]-118. *Copy*: NY. – “A *Flora of Sussex*, which, although useful, cannot be said to take rank among our best local floras” (Britten 1906).

Ed. 2: Apr-Jun 1907 (preface Mar 1907, Nat. Nov. Jul (1) 1907, J. Bot. Jul 1907 (rev.), Bot. Centralbl. 10 Sep 1907), frontisp. (col. lith.), p. [i-vii], col. map Sussex, [ix]-xxi, [1]-154, 2 pl. (uncol. liths.). *Copies*: B, L, MO, NY. – “New edition, with numerous additions. By the late Rev. F.H. Arnold, ... illustrated by Marian H. Arnold” ... London (Mitchell and Co.) [1907]. Oct. – Published by the author’s daughter Marian H. Arnold. – Motto on t.p. ed. 2: “Hast thou the flower there? Welcome wanderer. Ay, there it is.” (Midsummer Night’s dream).

Arnoldi, Wladimir Mitrofanowitsch (1871-1924), Russian botanist (morphologist, algologist), educated at the first Moscow Gymnasium, studied at Moscow University 1889-1893, assistant ib. 1893-1901, from 1900-1901 also as unsalaried lecturer, at the Agricultural Institute of Novo-Alexandria 1901-1903, professor of botany and director of the Botanical Garden at the University of Charkow 1903-1919, to Java, Indonesia (10 Jan – 5 Jun 1909 at Buitenzorg/Bogor) 1908-1909, from 1909 also working on algae, founded the Biological Station in the Northern Donetz; working in the field in the Caucasus 1919-1921, at Moscow lecturing on hydrobiology at the university 1921-1924. (*Arnoldi*).

HERBARIUM and TYPES: MW and LE, Indonesian algae at BM, HH, L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 78 (b. 12 Jun 1871, Koslow, d. 22 Mar 1924, Moscow); CSP 13: 161; IH 2: 42; Rehder 1: 109, 2: 8, 20, 50; SK 1: 24.

BIOFILE: Anon., Bot. Centralbl. 95: 32. 1904 (appt. Charkow), 107: 640. 1908 (with N.A. Rothert to Java, sent out by the Acad. Sci. St. Petersburg); Hedwigia 43: (38). 1904 (appt. Charkow), 66: (118). 1926 (d.).

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- 19.479.** *Beiträge zur Morphologie einiger Gymnospermen ...* 1-5, Moskva 1900-1901. Oct. 1: 1900 (date on cover-t.p., Nat. Nov. Jan (2) 1901), cover-t.p., p. [1]-13, pl. 7-8 (uncol. liths.). – Reprinted and to be cited from Bull. Soc. Imp. Nat. Moscou 13: 329-341, pl. 7-8. 1900.
2: Jan-Aug 1900 (date on cover-t.p.: 1900, Bot. Zeit. 16 Sep 1900, Nat. Nov. Jan (2) 1901), cover-t.p., p. [1]-18, pl. 9. – Id. 13: 405-422, pl. 9. 1900.
3: 8 Feb 1900 (in journal), p. [i, recto of 46], 46-63, pl. 1-3. – Id. from Flora 87(1): 46-63, pl. 1-3. 1900.
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5: 1900 (Nat. Nov. Dec (1) 1901), cover-t.p., p. [1]-28, pl. 7-8. – Reprinted from Bull. Soc. Imp. Nat. Moscou 14: 449-476, pl. 7-8. 1901.

Copies: B.

Ref.: Karsten, G., Bot. Zeit. 58: 171-172. 1900, 59: 342-344. 1901 (rev.).

- 19.480.** *Streblonema longisecta* n. sp. ... Jena (Verlag von Gustav Fischer) 1909. Oct. Publ.: 19 Apr 1909 (in journal), cover-t.p., p. [465]-472, pl. 4 (col. auct.), pl. 5 (uncol. auct.). Copy: L. – Reprinted and to be cited from Flora 99(4): 465-472, pl. 4-5. 1909.

- 19.481.** *Beiträge zur Morphologie der Keimung von Salvinia natans ...* Jena (Verlag Gustav Fischer) 1909. Oct.

Publ.: 8 Nov 1909 (date in journal), cover-t.p., p. [121]-139. Copy: L. – Reprinted and to be cited from Flora 100(2): 121-139. 1909.

- 19.482.** *Algologische Studien. Zur Morphologie einiger Dasycladaceen (Bornetella, Acetabularia) ...* Jena (Verlag von Gustav Fischer) 1912. Oct.

Publ.: 1 Mar 1912 (in journal), cover-t.p., p. [85]-101, pl. 5 (uncol., auct.). Copy: L. – Reprinted and to be cited from Flora 104(2): 85-101, pl. 5. 1912. – Note: *Bornetella* Munier-Chalmas is an eponym for Jean-Baptist Édouard Bornet (1828-1911), see TL-2/1: 281-283.

- 19.483.** *Sur l' appareil chromidial chez quelques plantes Gymnospermes et Angiospermes ...* [Saertryck af Biologiske arbejder tilegnede Eug. Warming] ... 1911. Oct.

Collaborator: Leo Bönicke.

Publ.: 3 Nov 1911 (date of issue Festschrift Warming), cover-t.p., p. [193]-201. Copy: L. – Reprinted and to be cited from Biol. arbejd. Warming 193-201. 1911.

- 19.484.** *Zur Embryologie einiger Euphorbiaceen ...* St. Petersburg (Buchdruckerei der Kaiserlichen Akademie der Wissenschaften ...) 1912. Oct.

Publ.: 1912, cover-t.p., p. 1-19. Copy: L. – Reprinted and to be cited from Trav. Mus. bot. Acad. Imp. Sci. St. Petersburg 9: 136-154. 1912.

* **Arnott, George Arnott** [sometimes Arnold] **Walker** (1799-1868), Scottish botanist, educated at the Edinburgh High School 1807, studied at the University of Edinburgh 1813-1818 (languages, botany and mathematics), A.M. 1818, further law studies until 1821, admitted to the Faculty of Advocates 1821, inherited his father's property 1822, from then on mainly interested in botany, visited France 1821-1825, contacting the Paris botanists as well as Brébisson (Falaise), publishing widely between 1822 and 1868, regius professor of botany at Glasgow and director of the Glasgow Botanic Gardens 1845-1868. (*Arnott*).

HERBARIUM and TYPES: GL (4000 herb.-specimens, botanical library), European (excl. Brit.) phanerogams on permanent loan at E (as E-GL); diatom types p.p. at AWH (see G. Sayre 1969). Further material at B, BM (mosses, diat.), BR, BRISTM, CGE, DBN, FI-W, G, K (algae), NMW, NY, OXF, PH, WAR, WECO.

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p. 19; De Toni 1: vii, 2(1): viii, cxix; DNB 2: 120-121; Frank 3(Anh.): 5; GR p. 73, 384; Hortus 3: 1187; IH 2: 42; Jackson see index; Kew 1: 83; KR p. 56; Langman p. 93; Lasègue p. 85, 132, 143, 144, 158, 290, 293, 330, 536; Lenley p. 10, 445; MD p. 36-49 (bibl.) (also in Med. Bot. Mus. Herb. Utrecht no. 283, 1968); ME 3: 405; MW p. 519; NI p. 5; PR 249-250, 3552, 4226, 10245 and see p. 567, ed. 1: p. 545, see also 10920-10921; Rehder 5(index): 27; RS p. 72; SK 4: cxvi; SO 313; TL-2/ see indexes; TR 588; Tucker 1: 41; Urban-Berl. p. 293; Zander ed. 10, p. 629, ed. 11, p. 714, 765.

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CORRESPONDENCE: BM, E, HU, LINN (with papers), NY (Porrey corr.), U (with F.A.W. Miquel), UPS (Univ. library).

NOTE: A. is often cited as Walker-Arnott, George Arnott.

COMPOSITE WORKS: (1) With Robert Kaye Greville, *Tent. meth. musc.* see TL-2/2159, see also MD p. 134-135.

(2) with W.J. Hooker, *Brit. fl.*, see TL-2/3000, ed. 6, ed. 7.

(3) with W.J. Hooker, *Bot. Beechey Voy.*, see TL-2/3001.

(4) See B.M. Kittel, *Mém. hist. nat.*, see TL-2/3685.

19.485. *Disposition méthodique des espèces de mousses.* Paris 1824, see TL-2/186.

German comments: see A.E. Fürnrohr 1827 (TL-2/1914), Versuch einer näheren Beleuchtung der Disposition méthodique ... par G.A. Walker-Arnott, in *Flora* 10(2) (Beih. 1): 22-86. 1827.

19.486. Notice of a Journal of a voyage from Rio de Janeiro to the coast of Peru, by Mr. William Jameson, Surgeon, ... [Wern. Soc. Mem. ... 1823/24]. Oct.

Publ.: 1823/24, p. [i], [1]-21. *Copies:* G(2). – Unidentified reprint from Mem. Wern. Soc. 5: 187-205. 1823/24. – For W. Jameson see TL-2/2: 421.

19.487. *New genera of plants* ... From the *Edinb. New Phil. Jour.* ... 1834. Oct.

Publ.: Oct 1834 (in journal), p. [1]-8. *Copy:* B. – Reprinted and to be cited from *Edinburgh new phil. J.* 17: 260-268. 1834.

* **Arrhenius, Johan Peter** [Pehr Petter] (1811-1889), Swedish botanist and agriculturist, educated at Linköpings Gymnasium, at Uppsala University 1830, fil. kand. ib. 1839, fil. dr. (1) 1840, (2) 1842, lecturer in botany ib. 1840, "adjunkt" in agronomy 1846, director of Ultuna agricultural college 1848, titular professor 1850, secretary of the agricultural academy 1862-1881, travelled in Denmark, Germany 1845, 1846, 1848, briefly in France and England in 1854. (*Arrh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 529; Barnhart 1: 79; BM 1: 63; Bossert p. 15; CSP 1: 104; Hortus 3: 1187; Jackson p. 307, 336; Kew 1: 84; KR p. 58-61; LS 1104, 9294; PR 252-255, ed. 1: 306-306; Rehder 5(index): 28; SO 848j; Stevenson p. 1234; TL-2/1: 69; Tucker 1: 41, 42.

BIOFILE: Anon., *Flora* 24(1): 111-112. 1841 (after having passed first part for dr. phil. in 1840 appointed lecturer in botany UPS); *Bot. Not.* 1889: 177-178 (obit.); *Generalreg. Bot. Not.* 1839-1938: 7, 86, 167. 1939 (refs. to entries of A. in *Bot. Not.*); *Nationalencyklop.* 1: 574. 1989.

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Juhlin-Dannfelt, H.J.B., *Sv. biogr. lex.* 282-287. 1920 (portr., bibl.).

Scheutz, N.T.W., *Bot. Not.* 1863: 66-67.

Wittrock, V.B., *Acta Horti Berg.* 3(2): 30. 1903, 3(3): 4. 1905.

19.488. *Utkast till wäxtrikets terminologi* ... Uppsala (Wahlström & Låstbom) 1842-1843, 2 parts (and atlas in Qu). Oct. (*Utk. wäxtrik. term.*).

1: 12 Sep 1842 (p. [iv]: 12 Sep 1842), p. [i-iv], [5]-80.

2: 1843, p. [i-iv], 81-235, [i].

Atlas: 1843, p. [i], 1-8, 8 pl. (n.v.).

Copies: LD, NY (vol. 1). – KR no. 18a.

Note: later editions published as *Elementar-kurs i Botaniken*. q.v.

Ref: A., Bot. Zeit. 1: 749-750. 27 Oct 1843 (rev.).

19.489. *Elementar-kurs i botaniken ...* Uppsala [Upsala] (Wahlström & Låstbom) 1845. Oct. (*Elem.-kurs. bot.*).

Ed. 1: 1845, p. [i-viii], [1]-295, [1], atlas 2 p. text and *pl. 1-9*. *Copy*: NY.

Ed. 2: 1850, p. [i-iv], [1]-332, atlas 2 p. text, *pl. 1-9*. *Copy*: LD. – Upsala (Wahlström & C.).

Ed. 3: Aug-Dec 1857 (preface Aug 1857), p. [i-vi], [1]-388, atlas 2 p. text, *pl. 1-9*. *Copies*:

G. LD. – Imprint as in ed. 2.

Ed. 4: Apr-Dec 1859 (preface Apr 1859), p. [i-viii], [1]-366, atlas, 2 p. text, *pl. 1-11*. *Copies*:

G. GB, LD.

Ed. 5: 1865, p. [i-viii], [1]-346, atlas 2 p. text, *pl. 1-11*. *Copy*: LD. – Stockholm (Tryckt hos E. Westrell) 1865. Oct.

19.490. *Nordens matsvampar*, deras odling och användning efter W. Robinson fri bearbetning med ändringar och tillägg af J. Arrhenius ... Stockholm (J. Arrhenii Förlag) [1874]. Oct. (*Nord. matsvamp.*).

Ed. 1: 1874, p. [i*-iii*], [i]-vii, [viii-x], [1]-165, [166-168]. *Copy*: L. – KR no. 11.

Ed. 2: 1881, p. [i*-iv*], [i]-ix, [1-2], [1]-165, n.v., KR no. 11 – Norrköping (M.W. Wallberg & C. boktr.).

Note: based on W. Robinson (1838-1935), *Mushroom culture*, its extension and improvement, London 1870 (n.v.).

Danish version: (based on Arrhenius' Swedish text), by M.J. Liisberg, *Danmarks spiselige Svampe ...* Efter W. Robinson og J. Arrhenius, Kjøbenhavn 1876. n.v. (see KR no. 11 note).

Arrondeau, E.-Théodore (x-1882), French botanist and highschool teacher, sometime at the Lycée de Toulouse, later residing in Vannes ("Inspecteur d' Académie"). (*Arrondeau*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 79; BL 2: 154, 182; BM 1: 63; De Toni 1: vii; IH 2: 42; Jackson p. 97, 288, 291; PR 256, 257; Rehder 1: 411, 413, 2: 285, 307; Tucker 1: 42.

BIOFILE: Astre, G., Bull. Soc. hist. nat. Toulouse 101: 167, 170. 1966.

Roumeguère, C., Bot. Conch. Géol. Midi France 12. 1889; Statist. bot. Dép. Hte.-Gne. 16, 38-39, 40-41, 44. 1876 (n.v.).

Trochain, J.-L., Botanistes du pays Toulousain 17, 19. 1966 (Bull. Soc. Hist. nat. Toulouse 102: 376[1]-404[29]. 1966).

19.491. *Flore toulousaine* ou catalogue des plantes qui croissent spontanément ou qui sont cultivées en grand aux environs de Toulouse, disposées suivant la nouvelle classification de M. Brongniart, accompagné de la description abrégée des familles et des genres, et de tableaux dichotomiques qui conduisent aisément au nom du genre et de l'espèce, comprenant en outre la description détaillée des espèces nouvelles ou peu connues; ... Toulouse (Chez Gimet, libraire-éditeur, ...) 1854. 12mo (in 6.s). (*Fl. toulous.*).

Publ.: 1854 (p. ix: 15 Jul 1854), cover-t.p., p. [i]-xx, folded table, [1]-281. *Copies*: B, G, NY.

– The cover-t.p. of the copy at B is dated 1855 (possibly a later issue of the original sheets with a new cover).

19.492. *Études sur la flore de Toulouse*; monographie du genre *Rosa*, ... [Actes de la Société Linnéenne de Bordeaux ... 1849]. Oct.

Publ.: 1849, published in Act. Soc. Linn. Bordeaux 16: 286-303. 1849. – *Copy*: (photocopy from journal) at G.

19.493. *Essai sur les conferves des environs de Toulouse ...* [Extrait des Actes de la Société Linnéenne des Bordeaux ... 1861]. Oct.

Publ.: 1861 (p. 26: 20 Apr 1861), p. [1, title without imprint], [3]-26, *pl. 1-2* (uncol. liths. auct.).

Copy: G. – Reprinted from Act. Soc. Linn. Bordeaux 24(1). 1861 (journal issue n.v.).

19.494. Histoire naturelle du *Morbihan*. Botanique. *Catalogue des plantes phanérogames observées dans le département ... Vannes* (Imprimerie de L. Galles, ...) 1867. Oct. (*Cat. pl. phan. [Morbihan]*).

Publ.: 1867 (p. iv: 15 Jan 1867), cover-t.p. [has imprint], p. [i*, t.p. without imprint], [i]-iv, [1]-119. *Copy*: G. – See also BL 2 p. 182.

* **Arsène, Frère Gustave** [also as “Gerfroy”] (secular name: Brouard, Arsène Gustave Joseph) (1867-1938), French clergyman and botanist, collected plants in Haute-Vienne and Cantal, France in 1877 (sic), sent to Mexico 1906 at the schools of the Christian brothers at Puebla and Morelia, later (ca. 1926) teacher in the Sacred Heart Training College, Las Vegas, New Mexico, U.S.A., travelling and collecting widely in New Mexico, Louisiana and Maryland. (*Arsène*).

HERBARIUM and TYPES: US, duplicates in many herbaria, see IH 2: 42. – For mislabelings, obviously intentional falsifications, see P.C. Standley (1927) and C.E.B. Bonner 1972. Field notes at LSU, US (Stieber, M.T., 1982).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 259 (under Brouard, original data); Ewan ed. 1: 154, ed. 2: 7; IH 2: 42; Lenley p. 10; TL-2/1: 70, see E. Rosenstock; Urban-Berl. p. 318, 325.

BIOFILE: Anon., *Bryologist* 41: 98. 1938 (d. at Santa Fe, New Mexico 25 May 1938).

Bonner, C.E.B., *Musées de Genève* 130: 18-19. 1972 (on counterfeit collections sold as coll. by A.; see P.C. Standley 1927).

Hedge, I.C. and J.M. Lamond, *Index coll. Edinburgh* 55. 1970.

Hitchcock, A.S. and A. Chase, *Man. grass. U.S.* 984. 1951 (eponymy).

Knobloch, I.W., *Plant collectors of Northern Mexico*, Latin American Studies Center, Monogr. Ser. 17, Michigan State Univ. Jun 1979; *Phytologia Mem.* 6: 3. 1983 (refs.).

Le Cendre, C., *Rev. Sci. Limousin* 32: 72-82. 1938 (portr., n.v.).

Sayre, G., *Mem. New York Bot. Gard.* 19(3): 282, 284. 1973 (details on his Mexican colls., especially on his mosses).

Standley, P.C., *Science* 65: 130-133, 4 Feb 1927 and *J. Bot.* 65: 118-121. 1927 (on counterfeit collections distributed by a commercial plant dealer; see also his *Trees and shrubs of Mexico* 23: 9-19).

Steele, W.C., *Bot. Rev.* 43: 288. 1977 (further refs.).

Stieber, M.T., *Huntia* 4: 152. 1982 (field notes at LSW, US).

Thériot, I., *Smithson. Misc. Coll.* 78(2). 15 Jun 1926 (Mexican mosses collected by A.).

19.495. *Hépatiques de Nouveau-Mexique* (U.S.A.) déterminées par Miss Caroline Coventry Haynes ... Paris (Laboratoire de Cryptogamie du Muséum national d' Histoire naturelle ...) 1933. Oct.

Publ.: 1933 (date on cover-t.p. and p. 160), cover-t.p., p. [150]-160. *Copy*: B. – Reprinted and to be cited from *Ann. Crypt. exot.* 6(2): 150-160. 1933.

Arsène, Frère Louis, né Jean Marie Bizeul (1875-1959), French clergyman and botanist, longtime in the service of the Institut des Frères de l' Instruction Chrétienne (FIC), collected extensively in Southern Quebec, Bretagne, Jersey Islands and Saint Pierre-et-Miquelon, teacher at FIC St. Pierre 1895-1903, La Prairie, Québec 1903-1908, Montreal 1908-1910, La Prairie as provincial of his order 1910-1921, Highlands, St. Jersey assistant general of his order from 1921. (*L. Arsène*).

HERBARIUM and TYPES: Originally at Ploërmel, Bretagne, France, in the above-mentioned institute (30.000), now at the Museum and Art Gallery of La Société Jersiaise. – Further material at NOT, OXF, NY and in various herbaria q.v. Kent and Allen (1984).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 79 (see Bizeul), 192 (extensive info.); BL 1: 140; Desmond p. 20; IH 2: 42.

BIOFILE: Boivin, B., in letter to author (FAS) 12 Sep 1979 (b. 5 Aug 1875, Méric, France, d. 25 Jan 1959 at Josselin).

De Retz, B., [Bull. mimeogr.] Soc. Franç. échange pl. vasc. 9: 10-11. 1959.

Kent, D.H., British herbaria 40. 1957.

Kent, D.H. and D.E. Allen, Brit. Irish herb. 82. 1984.

Le Gallo, C., Le Naturaliste Canadien 89(3): 81-103 (obit., portr.).

Lousley, J.E., Proc. Bot. Soc. Brit. Isl. 3: 360-361. 1960 (obit.).

19.496. *Contribution to the flora of the island of St. Pierre et Miquelon ...* Reprinted from *Rhodora ...* 1927. Oct.

Publ.: Jul-Oct 1927 (in journal), cover-t.p., p. [117]-133, *1 pl.* (phot.), 144-158, 173-191, 204-221. *Copy*: B. – Reprinted and to be cited from *Rhodora* 29: 117-133, *1 pl.* 18 Jul 1927, 144-158. 1 Aug 1927, 173-191. 12 Sep 1927, 204-221. 17 Oct 1927.

Follow-up: Plants new to the flora of ... *St. Pierre et Miquelon, Rhodora* 49: 237-255. 1947.

Artari, Alexander Petrowitsch (1858-1919), Russian botanist (algologist), studied at Basel, Dr. phil. ib. 1892, worked with W.E.P. Pfeffer in Leipzig 1899, mainly in Moscow. (*Artari*).

HERBARIUM and TYPES: MW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 79 (b. 2./14. Jun 1858, Moscow, d. 1919, Moscow); BM 1: 64; De Toni 1: vii, 4: iii; IH 2: 42; LS 1117-1118; Nordstedt p. 7.

BIOFILE: Anon., ÖBZ 70: 312. 1921 (d.).

19.497. *Zur Entwicklungsgeschichte des Wassernetzes* (*Hydrodictyon utriculatum* Roth) ... Moskau (Gedruckt [sic] in der Universitäts-Buchdruckerei) 1890. Oct. (*Entw.-Gesch. Wassernetzes*).

Publ.: Jan-Sep 1890 (date [1890] on preprint; *Bot. Zeit.* 31 Oct 1890, *Nat. Nov.* Dec (1) 1891), cover-t.p., p. [1]-24, [25, text illus.], *pl. 10* (col. lith. Schingareff). *Copies*: B, L. – Preprinted from *Bull. Soc. imp. Natural. Moscou* 4(2): 269-287, *pl. 10*. 1891.

Ref.: Rostowzew, S., *Flora* 74: 119. 16 Jan 1891 (rev.).

Kienitz-Gerloff, J.H.E.F., *Bot. Zeit.* 49: 443-445. 3 Jul 1891 (rev.).

19.498. *Untersuchungen über Entwicklung und Systematik einiger Protococcoideen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Universität Basel ... Moskau (Gedruckt in der Universitätsdruckerei) 1892. Oct. (*Unters. Entw. Syst. Protococc.*).

Publ.: 1892 (date on t.p. dissertation; *Bot. Zeit.* 30 Dec 1892, *Nat. Nov.* Feb (1) 1893, *Flora* 21 Feb 1893), cover-t.p., p. [1]-48, *pl. 6-8* (col. liths.). *Copies*: B, G. – Preprinted from *Bull. Soc. imp. Natural. Moscou* 6: 222-262. 1893.

* **Arthur, Joseph Charles** (1850-1942), American mycologist, educated at Charles City, Iowa, studied at Iowa State College (with C.E. Bessey) 1869-1872, B.S. ib. 1872, instructor ib. 1876-1878, M.S. 1878, met E.W.D. Holway in this period, (the association was to last 48 years), studied briefly at Harvard and John Hopkins 1877-1879, instructor at the University of Wisconsin 1879-1881, at the University of Minnesota 1882, botanist at the New York Agricultural Experiment Station, Geneva, New York 1882-1887, Dr. Sci. Cornell 1886,

professor of botany at Purdue University 1887, professor of vegetable physiology and botanist in the Purdue University Agricultural Experiment Station 1888-1915, professor emeritus from 1915, continuing his work on the Uredinales, LLD Iowa 1916, Dr. Sc. h.c. Purdue 1931. (*Arth.*).

HERBARIUM and TYPES: PUR. – For his exsiccatae see TL-2/1: 70; for the history of his herbarium see Baxter and Kern 1963. Herbaria holding A. material: BERN, BOG, BPI, BUF, CM, CORD, CUP, F, FH, FI-W, IMI, IU, K, KSC, L, LA, MASS, MIN, MONT, MSC, NEB, NY, OS, PAD, PRE, URTPP, TRTC, UC, US, VI, WU.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 287, 329; Barnhart 1: 80 (b. 11 Jan 1850, Lowville, NY, d. 30 Apr 1942, Brook, Indiana); BL 1: 192, 218; BM 1: 64, 6: 34; Bossert p. 15; CSP 12: 24, 13: 171-172; DAB suppl. 3; De Toni 1: vii; Ewan ed. 1: 80, 130, 152, 243, ed. 2: 7; GR p. 203; Hortus 3: 1187; IH 2: 42-43; Kew 1: 85; Langman p. 94, 717; Lenley p. 10; LS 1112-1210, 24.562, 30.644-30.669, 40.908, 80.667, suppl. 1199-1267; Morren ed. 10, p. 126; MW p. 23; NAF 7(15): 1047-1049 (bibl.); NW p. 39; Rehder 5(index): 28; Stevenson p. 1234; TL-2/1: 70-71 and indexes; Tucker 1: 42; Urban-Berl. p. 273.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, Dict. Fungi (ed. 7): 25. 1983.

Anon., Bot. Centralbl. 32: 287. 1887 (called to Purdue); J. Myc. 8: 108. 1902 (portr.); ÖBZ 66: 212. 1916 (prof. emeritus); Science 63 (1629): 300. 1926 (hon. member Russian botanical society); Mycologia 24(2): 245. 1932 (oil portrait of A. unveiled in Agr. Exp. Sta. Lafayette).

Arthur, J.C., letter to N.L. Britton (at NY) 11 Mar 1895 offering to do Uredineae for N. Amer. Fl. [this treatment published 6 Mar 1907]; Johns Hopkins Alumni Mag. 13(4). Jun 1925 (autobiogr. sketch); Plant rusts 1929 (et al.); Manual of the rusts in United State and Canada 1934.

Barnhart, J.H., J. New York Bot. Gard. 12: 118. 1911 (curr. vit. up to 1911, functions, work at NY).
Baxter, J.W. and F.D. Kern, Proc. Indiana Acad. 71: 228-232. 1961 (1962) (history of the A. herbarium).

Bessey, C.F., Amer. Naturalist 1893: 289 (A. member of organizing committee Intern. Bot. Congr. Madison to be held Aug 1893).

Cummins, C.E., Yearbook Amer. philos. Soc. 1942: 328-331. 1943.

Ewan, J. et al., Short hist. bot. U.S. 13, 47, 83, 84. 1969.

Humphrey, M.B., Makers N. Amer. Bot. 4-6. 1961.

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Mahin, H.O., Lafayette journal and courier 18 Aug 1921 (tribute to A., portr.).

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Pammel, L.H., Proc. Iowa Acad. Sci. 31: 53, 58. 1924.

Rickett, H.W., Index Bull. Torrey bot. Club 3-4. 1955 (lists publ. in journal).

Rodgers, A.D., Amer. bot. 1873-1892, 127, 130, 199, 227-229, 243, 250, 279, 287-288, 292, 308, 319. 1944; Liberty Hyde Bailey 490 [index]. 1949.

Rogers, D.P., A brief history of mycology in North America 18, 19, 29, 51, 69. 1977.

Seaver, J.C., Mycologia 20(3): 115-116, pl. 14. 1928 (on his work on rusts).

Stevenson, J.A., Beih. Nova Hedwigia 36: 17-20. 1971.

Voss, E.G., Contr. Univ. Mich. Herb. 13: 38. 1978 (fieldwork in Michigan).

Wittrock, V.B., Acta Horti Berg. 3(3): 191, 205. 1905 (on portr.).

COMPOSITE WORKS: (1)-(3) see TL-2/1: 70-71.

(4) A. published E.W.D. Holway, N. Amer. Uredineae part 5, 2 Aug 1924, see TL-2/2958.

19.499. *Contributions to the flora of Iowa*; a catalogue of the phaenogamous plants ... Charles City ("Intelligencer" Book Print) 1876. Oct. (*Contr. fl. Iowa*).

I: 1876 (preface 1 Mar 1876), p. [i]-iv, [1]-43. Independently published for International Exhibition Iowa Centenary Comm. 1876.

2: Mar 1877 (date in journal), p. 126. – Reprinted from *Proc. Davenport Acad.* 1: 126. 1877.

3: Sep 1878 (id.), p. 258-261. – *Id.* 1: 258-261. 1878.

4: 29 Apr 1882 (id.), p. 169-172. – *Id.* 3(2): 169-172. 1882.

5: 1886, id. 4: 28-63. 1886 (no reprint seen).

6: 1886, id. 4: 64-75. 1886 (no reprint seen).

Copies: NY.

19.500. *On the structure of Echinocystis lobata ...* [1878] ... *Iowa Stae Journal of Research ...* 1981. Oct. (*Struct. Echinocystis lob.*).

Publ.: Feb 1981 (written 1878, thesis research for masters degree Iowa State University). Part of the original manuscript published, annotated, by Duane Isely and Toby Fishbein, with editorial notes, in *Iowa State J. Res.* 55(3): 219-234. Feb 1981. Copy of journal issue at L. – Complete manuscript at the Archives of Iowa State University.

19.501. Appendix. Botanical Papers... I. *Some algae of Minnesota*, supposed to be poisonous, II. Descriptions of Iowa Uromyces ... [Minneapolis] 1883. Oct. (*Some alg. Minn.*).

Publ.: 31 May 1883 (date of printing), p. [1]-12, [13]-39. *Copy*: KNAW. – Issued as an independent pamphlet accompanying *Bull. Minn. Acad. Nat. Sci.* 2(4). Dec 1882. – Mentioned by *Bot. Zeit.* 41: 644. 28 Sep 1883.

Follow up: 1885 (p. 103, mss. signed 2 Jun 1885), p. 97-103. *Copies*: FAS, NY. – Reprinted and to be cited from *Bull. Minn. Acad. Nat. Sci.* 3(1): 97-103. 1885. This paper contains only the follow up of *Some alg. Minn.*

19.502. *Handbook of plant dissection ...* New York (Henry Holt and Company) 1886. Oct. (*Handb. pl. dissect.*).

Co-authors: Charles Reid Barnes (1858-1910), TL-2/1: 123 and this suppl.; John Merle Coulter (1851-1928), TL-2/1: 558-559.

Publ.: Feb-Apr 1886 (preface Jan 1886; *Nat. Nov. Mai* (2) 1886), p. [i]-xi, [1]-256, [1]-8 (adv.), pl. 1-2. *Copies*: MO, NY.

Later issue [1]: 1887, p. [i]-xi, [1]-256, pl. 1-2. *Copy*: MO.

Later issue [2]: 1893, p. [i]-xi, [1]-256, pl. 1-2. *Copy*: G.

19.503. *Report on botanical work in Minnesota in the year 1886 ...* St. Paul (Pioneer Press Company) 1887. Oct. (*Rep. bot. work Minn. 1886*).

Authors: J.C. Arthur with L.H. Bailey Jr. and E.W.D. Holway, p. 10-43 (*Plants collected*); L.H. Bailey p. 7-10, 44-45, 55-56; Warren Upham p. 46-54.

Publ.: 1 Oct 1887 (date on t.p.; *Bot. Zeit.* 29 Jun 1888; *Nat. Nov. Dec* (2) 1887), cover-t.p., p. [1]-56. *Copies*: FAS, GOET(NSUB), MO, NY. – Issued as *Bull.* 3, *Geol. Nat. Hist. Surv. Minnesota* 1887.

19.504. *Proceedings of the Madison Botanical Congress* Madison Wisconsin August 23 and 24 1893. Madison, Wisc. (Published by the generosity of the citizens of Madison) 1894. Oct. (*Proc. Madison Bot. Congr.*).

Authors: J.C. Arthur, L.H. Bailey, N.L. Britton (prime mover), D.H. Campbell, J.M. Coulter, F.V. Coville, B.T. Galloway, Conway MacMillan, B.L. Robinson, L.M. Underwood.

Publ.: Jun 1894 (date on t.p.), p. [1]-60. *Copies*: FAS, MO, NY.

Note: Important Congress for botanical nomenclature. The American botanists made a first attempt to stem the flood of changes in nomenclature caused by O. Kuntze's activity. The decisions taken on nomenclature led ultimately to the "American Code of Botanical Nomenclature", see J.C. Arthur et al. 1904.

19.505. *Descriptions of American Uredineae I-IV. ...* (Bull. Lab. nat. Hist. Iowa) 1894-1902. Oct.

Co-author. Edward Willet Dorland Holway (1853-1923), see TL-2/2: 264.

1: 1894, in Bull. Lab. nat. Hist. Iowa 3: 44-57. 1894 (n.v.).

2: Dec 1898, p. [377]-402, *pl. 4-12* (uncol. draw. with text). *Copy:* B. – Reprinted and to be cited from id. 4: 377-402. 1898.

3: Mai 1901, p. [171]-193, *pl. 1-4* (id.). *Copy:* B. – Id. 5: 171-193, *pl. 1-4*. 1901.

4: Oct 1902 (date on cover-t.p.), cover-t.p., p. [311]-334, *pl. 1-9* (id.). *Copy:* B. – Id. 5: 311-334, *pl. 1-9*. 1902.

19.506. *Living plants and their properties.* A collection of essays ... New York (Baker and Taylor). Minneapolis (Morris and Wilson) 1898. Oct. (*Living pl. propert.*).

Publ.: 1898 (p. [v]: preface Mar 1898), p. [i]-ix, [1]-234. *Copy:* MO.

19.507. *Violet rusts of North America ...* Reprinted ... from Minnesota Botanical Studies ... 1901. Oct.

Co-author. Edward Willet Dorland Holway (1853-1923), see TL-2/2: 264.

Publ.: 20 Jul 1901 (date on cover reprint), cover-t.p., p. 631-641, *pl. 47* (uncol. phot.). *Copy:*

B. – Reprinted and to be cited from Minnesota Bot. Stud. 2(5): 631-641, *pl. 47*. 1901.

19.508. *New species of Uredineae I-XV ...* Reprinted from Bulletin of the Torrey botanical Club ... 1901-1919. Oct.

1: 28 Dec 1901 (date on cover-t.p.), cover-t.p., p. 661-666. *Copy:* B. – Reprinted and to be cited from Bull. Torrey bot. Club 28(12): 661-666. 1901.

2: 24 Apr 1902 (id.), cover-t.p., p. 227-231. *Copy:* B. – Id. 29(4): 227-231. 1902.

3: 19 Jan 1904 (date in journal), cover-t.p., p. [1]-8. *Copy:* B. – Id. 31(1): 1-8. 1904.

4: 8 Feb 1906 (id.), cover-t.p., p. 27-34. *Copy:* B. – Id. 33(1): 27-34. 1906.

5: 8 Nov 1906 (id.), cover-t.p., p. 513-522. *Copy:* B. – Id. 33(10): 513-522. 1906.

6: 27 Feb 1908 (id.), Bull. Torrey bot. Club 34(12): 583-592. 1908.

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10: 15 Mai 1918 (id.), Id. 45(4): 141-156. 1918 (id.)

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13: 24 Jan 1921 (id.), Id. 48(1): 31-42. 1921 (id.).

14: 10 Aug 1922 (id.), Id. 49(7): 189-196. 1922 (id.).

15: 12 Mar 1924 (id.), Id. 51(2): 51-59. 1924 (id.).

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Publ.: Jul 1902 (date on p. 11), p. [1]-20. *Copy:* B. – Reprinted and to be cited from Bot. Gaz. 34(1): 1-20. 1902.

19.510. *Problems in the study of plant rusts ...* Botanical Society of America Publications 22. [1903]. Oct. (*Probl. pl. rusts*).

Publ.: 1903 (read at meeting 31 Dec 1902, date of publ. given in Bot. Soc. Amer. Publ. 23), cover-t.p., p. [1]-18. *Copy:* B. – Issued as Bot. Soc. Amer. Publ. 22.

19.511. *An interesting unpublished work on fungi ...* Reprinted from Torreyia ... 1904. Oct.

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- 19.512.** *An address on the history and scope of plant pathology ...* Reprinted from "Congress of Arts and Science, Universal Exposition of St. Louis", ... 1904. Oct.
Publ.: 1904, cover-t.p., p. [1]-16. *Copy*: L. – Reprinted from Congr. Arts Sci., Univ. Exp. St. Louis 5, 1904 (n.v.).
- 19.513.** *Revised list of Indiana plant rusts ...* Extracted from the Proceedings of the Indiana Academy of Sciences for 1903 ... Distributed December 1904. Oct.
Publ.: Dec 1904 (date on cover-t.p.), cover-t.p., p. 141-152. *Copy*: B. – Reprinted and to be cited from Proc. Indiana Acad. Sci. 1903: 141-152. 1904.
- 19.514.** *Code of botanical nomenclature ...* From the Bulletin of the Torrey Botanical Club ... New York 1904. Oct.
Authorship: The Nomenclature Commission of the Botanical Club of the American Association for the Advancement of Science, consisting of J.C. Arthur, J.H. Barnhart, N.L. Britton, Stewardson Brown, F.E. Clements, O.F. Cook, J.M. Coulter, F.V. Coville, F.S. Earle, A.W. Evans, T.E. Hazen, A. Hollick, M.A. Howe, F.H. Knowlton, G.T. Moore, E.L. Morris, W.A. Murrill, H.H. Rusby, C.L. Shear, W. Trelease, L.M. Underwood, David White, W.F. Wight.
Publ.: 18 Mai 1904 (date in journal), cover-t.p., p. 249-290. *Copies*: B, BR, FAS, G. – Reprinted and to be cited from Bull. Torrey bot. Club 31: 249-290. 1904. – See also *Amer. Code bot. Nom.* 1907, below.
- 19.515.** *Sydow's Monographia Uredinearum, with notes upon American species ...* [Journal of Mycology ... 1905]. Oct.
Publ.: Jan 1905 (in journal), p. [i, t.p., recto of p. 6], [6]-12. *Copy*: B. – Reprinted and to be cited from J. Mycol. 11: 6-12. 1905. – For P. Sydow, *Monogr. Ured.* see TL-2/13.599.
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Publ.: Sep 1905 (date on cover-t.p.), cover-t.p., p. [i, recto of 196], [196]-208. *Copies*: B, L. – Reprinted and to be cited from Bot. Gaz. 40: 196-208. 1905.
- 19.519.** *Notes on the International Botanical Congress of 1905 ...* [Proc. Indiana Acad. Sci. 1905]. Oct.
Publ.: 1905, p. 123-126. *Copy*: BR. – Reprinted and to be cited from Proc. Indiana Acad. Sci. 1905: 123-126.
- 19.520.** *Reasons for desiring a better classification of the Uredinales ...* [Reprinted from the Journal of Mycology ... 1906]. Oct.
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- 19.521.** *North American species of Peridermium ...* From the Bulletin of the Torrey Botanical Club ... 1906. Oct.
Publ.: 30 Aug 1906 (in journal; Nat. Nov. Oct (2) 1906), cover-t.p., p. 403-438. *Copy*: B. – Reprinted and to be cited from Bull. Torrey bot. Club 33: 403-438. 1906.

- 19.522.** *A new classification of the Uredinales ...* [Reprinted from the Journal of Mycology ... 1906]. Oct.
Publ.: Sep 1906 (in journal), p. [i, t.p., recto of p. 188], [188]-191. *Copy:* B. – Reprinted and to be cited from J. Mycol. 12: 188-191. 1906.
- 19.523.** *Eine auf die Struktur und Entwicklungsgeschichte begründete Klassifikation der Uredineen ...* Jena (Verlag von Gustav Fischer) 1906. Oct.
Publ.: 1906, cover [identif.], p. 331-348. *Copy:* WU. – Reprinted and to be cited from Résult. Sci. Congr. int. Bot. Wien 1905, p. 331-348. 1906.
- 19.524.** *New genera of Uredinales ...* [Reprinted from the Journal of Mycology ... 1907]. Oct.
Publ.: Jan 1907 (date in journal), p. [i, t.p., recto of p. 28], [28]-32. *Copies:* B, L. – Reprinted and to be cited from J. Mycol. 13: 28-32. 1907.
- 19.525.** *American code of botanical nomenclature ...* from the Bulletin of the Torrey Botanical Club ... 1907. Oct.
Authorship: J.C. Arthur, J.H. Barnhart, N.L. Britton, F.E. Clements, O.F. Cook, F.V. Coville, F.S. Earle, A.W. Evans, T.E. Hazen, A. Hollick, M.A. Howe, F.H. Knowlton, G.T. Moore, H.H. Rusby, C.L. Shear, L.M. Underwood, David White, W.F. Wight.
Publ.: 11 Jun 1907 (in journal), [i*. t.p.], 167-178. *Copy:* FAS. – Reprinted and to be cited from Bull. Torrey bot. Club. 34: 167-178. 1907.
- 19.526.** *Die neue Klassifikation der Uredineen und ihre Kritiker ...* Separat-Abdruck aus "Annales mycologici" ... 1908. Oct.
Publ.: 10 Oct 1908 (in journal), p. [326]-330. *Copy:* WU. – Reprinted and to be cited from Ann. mycol. 6(4): 326-330. 1908.
- 19.527.** *Propositions relating to the amendment and completion of the International Rules of Botanical Nomenclature* adopted by the International Botanical Congress of Vienna in 1905 ... From the Bulletin of the Torrey Botanical Club ... 1909. Oct.
Authorship: J.C. Arthur and 23 other U.S. botanists.
Publ.: 4 Mar 1909 (in journal), p. 55-74. *Copies:* FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 36: 55-74. 1909.
- 19.528.** *Right and wrong conceptions of plant rusts ...* [Lafayette Indiana 1910]. Oct. (*Right and wrong conc. pl. rusts*).
Publ.: 30 Apr 1910 (date stamped a preprint), p. [1]-8. *Copy:* BR. – Preprinted from the Proc. Indiana Acad. Sci. 25-th. meeting 1909, publ. 1910.
- 19.529.** *Propositions relatives à l' amendement et au complément des Règles internationales de la Nomenclature botanique.* adoptées par le Congrès international de Botanique de Vienne en 1905 ... [s.l.n.d., 1910]. Oct. (*Prop. Règl. int. Nom. bot.*).
Authorship: J.C. Arthur, N.L. Britton, Stewardson Brown, F.E. Clements, O.F. Cook, F.V. Coville, F.S. Earle, A.W. Evans, T.E. Hazen, A. Hollick, M.A. Howe, F.H. Knowlton, G.T. Moore, E.L. Morris, H.H. Rusby, C.L. Shear, David White, W.F. Wight.
Publ.: Jan-Jul 1910 (shortly before the 2. Int. bot. Congress Bruxelles, Aug 1910), p. 1-9. *Copies:* BR, FAS.
- 19.530.** *North American species of periderm on Pine ...* Reprinted from Mycologia ... 1914. Oct. *Co-author:* Frank Dunn Kern (1883-1973). TL-2/2: 524-525.
Publ.: 30 Mai 1914 (in journal), p. 109-138. *Copy:* L. – Reprinted and to be cited from Mycologia 6(3): 109-138. 1914.
- 19.531.** *Uredinales of Porto Rico* based on collections by F.L. Stevens ... Reprinted from Mycologia ... 1915-1916. Oct.

Collector: Frank Lincoln Stevens (1871-1934), TL-2/5: 915-917.

Publ.: 28 Jul 1915–21 Jan 1916, cover-t.p., p. [i, recto of p. 168], 168-196, 227-255, 315-332, [i, recto of p. 16], 16-33. **Copy:** L. – Reprinted and to be cited from *Mycologia* 7(4): 168-196. 28 Jul 1915, 7(5): 227-255. 25 Sep 1915, 7(6): 315-332. Sep 1915, 8(1): 16-33. 21 Jan 1916.

19.532. *Uredinales of the Andes*, based on collections by Dr. and Mrs. Rose ... Reprinted for private circulation from the *Botanical Gazette*. 1918. Oct.

Collectors: Joseph Nelson Rose (1862-1928) and Mrs. J.N. Rose

Publ.: Mai 1918 (in journal), cover-t.p., p. 460-474. **Copy:** L. – Reprinted and to be cited from *Bot. Gaz.* 65: 460-474. 1918.

19.533. An annotated translation of the part of *Schweinitz's* two papers giving the *rusts of North America* ... Reprinted from the *Proceedings American Philosophical Society* ... 1918. Oct.

Co-author: Guy Richard Bisby (1889-1958), TL-2/1: 219.

Publ.: 16 Jul 1918 (read 13 Apr 1917; date in journal), p. [173]-292. **Copy:** L. – Reprinted and to be cited from *Proc. Amer. phil. Soc.* 57(M): 173-292. 1918.

19.534. *Uredinales of Cuba* ... New York ... 1918. Oct.

Co-author: John Robert Johnston (b. 1880).

Publ.: Jun 1918, cover-t.p., p. [97]-175. **Copy:** L. – Reprinted and to be cited from *Mem. Torrey Bot. Club* 17: 97-175. 1918.

19.535. *Uredinales of Guatemala* based on collections by E.W.D. Holway ... Reprinted from the *American Journal of Botany* ... 1918. Oct.

Collector: Edward Willet Dorland Holway (1853-1923), TL-2/2: 264.

Publ.: Jun-Dec 1918, cover-t.p., p. 325-336, [i, recto of p. 420], 420-446, 462-489, 522-550. **Copy:** L. – Reprinted and to be cited from *Amer. J. Bot.* 5: 325-336. Jun, 420-446. Oct, 462-489. Nov, 522-550. Dec 1918.

19.536. *Grass rusts of unusual structure* ... [Bulletin of the Torrey botanical Club ... 1919]. Oct.

Co-author: Edwin Butterworth Mains (1890-1968), TL-2/3: 257.

Publ.: 5 Nov 1919 (issue for Oct 1919 publ. 5 Nov 1919), p. 411-415. **Copy:** L. – Reprinted and to be cited from *Bull. Torrey bot. Club* 46: 411-415. 1919.

19.537. *Uredinales* collected by R. Thaxter and J.B. Rorer in *Trinidad* ... Reprinted for private circulation from the *Botanical Gazette* ... 1922. Oct.

Collectors: Roland Thaxter (1858-1932), TL-2/6: 232-236, James Birch Rorer (b. 1876).

Publ.: Jan 1922, cover-t.p., p. 58-69. **Copy:** L. – Reprinted and to be cited from *Bot. Gaz.* 73(1): 58-69. 1922.

19.538. *Las royas de los vegetales (Uredinales) del Perú* ... Lima – Peru (Estacion experimental agricola de la Sociedad nacional agraria) 1929. Oct. (*Royas veg. Perú*).

Publ.: Oct 1929 (date on t.p.), p. [i], [1]-14. **Copy:** U.

19.539. *The plant rusts (Uredinales)* ... New York (John Wiley en Sons, Inc.), London (Chapman & Hall, Limited) 1929. Oct. (*Pl. rusts*).

Collaborators: F.D. Kern, C.R. Orton, F.D. Fromme, H.S. Jackson, E.B. Mains, G.R. Bisby.

Publ.: 1929 (p. iv, signed 1 Jan 1929), p. [i]-v, 1-446. **Copy:** B.

19.540. *New species of Uredinales* ... Berlin (Verlag von R. Friedlaender & Sohn) 1933. Oct. **Co-author:** George Baker Cummins (1904-x).

Publ.: 1933, cover-t.p., p. [41]-45. **Copy:** B. – Reprinted and to be cited from *Ann. mycol.* 31(1-2): 41-45. 1933.

19.541. *Manual of the rusts in United States and Canada ...* Lafayette, Indiana (Purdue Research Foundation) 1934. Oct. (*Man. rusts*).

Publ.: 1934 (preface Dec 1933; Nat. Nov. Jul 1935), p. [i]-xv, [1]-438, map (uncol.). *Copy*: MO. *Reprint*: 1962, p. [i]-xv, 1-438, map (uncol.), supplement p. [i-ii], 1a-24a. *Copy*: G. – Illustrations and a new supplement by George Baker Cummins (b. 1904). – Hafner Publishing Company 1962.

19.542. *Philippine rusts in the Clemens collection 1923-1926 ...* Manila (Bureau of Printing) 1936-1937. Oct.

Co-author: Georg Baker Cummins (1904-x).

Collector: Josef Clemens (1862-1939).

Part 1: 17 Jun 1936 (date on cover-t.p. Mar 1936, actually publ. 17 Jun 1936), cover-t.p., p. 437-449, pl. 1-3 (1 drawing Cummins, 2-3 uncol. phot.). – Reprinted and to be cited from Philipp. J. Sci. 59(3): 437-449, pl. 1-3. 1936.

Part 2: 23 Jan 1937 (date on cover-t.p. Dec 1936, actually publ. 23 Jan 1937), cover-t.p., p. 463-488, pl. 1-4 (1-3 uncol. drawings Cummins, 4: photo). – Id. 61(4): 463-488, pl. 1-4. 1936.

Copies: B, L.

* **Artis, Edmund Tyrell** (1789-1847), British palaeobotanist, archeologist and antiquarian, brought together an extensive collection of fossil plants, from 1825 living at Castor, Northamptonshire, studying and excavating Roman remains. (*Artis*).

COLLECTIONS: BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 80 (d. 24 Dec 1847 at Doncaster); BB p. 10; BM 1: 64; Desmond p. 20; Jackson p. 176, 182; Kew 1: 85; NI 51; PR 262, ed. 1: 312; Quenstedt p. 14; TL-2/1: 71, see also 5368.

BIOFILE: Anon., Quart. J. Geol. Soc. London 5: xxii-xxiii. 1849 (obit., d. 24 Dec 1847).

Mabberley, D.J., *Jupiter botanicus* 258. 1985.

Ward, L.F., Ann. Rep. U.S. Geol. Survey 5: 405-406. 1885.

SEE TL-2/1: 71. – Some of his illustrations from *Antediluvian phytology* were used by G.A. Mantell in his *Pict. atlas foss. remains*, TL-2/5368.

Artzt, Franz Friedrich Anton (1844-1922), German (Sachsen) botanist and engineer (Königlicher sächsischer Vermessungsingenieur, Plauen i.V.). (*Artzt*).

HERBARIUM and TYPES: A, GB, GOET, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 80 (b. 20 Jun 1844); BL 2: 405; DTS 1: 8, 6(4): 64; Futak-Domin p. 86; IH 2: 43; Jackson p. 312; LS 1216; Rehder 1: 387; Tucker 1: 42.

BIOFILE: Naumann, A., S.B. Abh. Naturw. Ges. Isis, Dresden 1922/1923: [v]-vii. 1924 (obit., b. 21 Jun 1843, Oederan i. Sa., d. 11 Nov 1922, Plauen i.V.).

Sydow, P. and C. Mylius, Bot.-Kalend. 1887: 102.

Wagenitz, G., Index coll. princ. herb. Gotting. 15. 1982 (b. Oederan, Sachsen).

19.543. *Vorarbeiten zur Phanerogamen-Flora des sächs. Voigtlandes* [Zwickau 1879]. Oct. *Publ.*: 1876, p. [61]-111, map. *Copy*: B. – Tearsheets taken from Jahresber. Ver. Naturk. Zwickau 1876: 61-111.

I. Nachtrag: 1877 (p. 35: Dec 1876), p. [35]-58. *Copy*: B. – Reprinted and to be cited from id. 1877: 35-58.

Note: Voigtland and Vogtland (see next entry) were both current names for the same area.

19.544. *Zusammenstellung der Phanerogamen-Flora des Sächsischen Vogtlandes ...* Ges. Isis in Dresden ... 1884. Oct.

Publ.: Oct-Dec 1884 (p. 114 dated Oct 1884; Bot. Centralbl. 12-16 Jun 1885, Bot. Monatschr.

Jun 1885, Bot. Jahrb. 31 Jul 1885), p. 113-140. *Copies*: B, G, NY. – Reprinted and to be cited from Abh. Ges. Isis, Dresden 6: 113-140. 1884.

Follow-up: 1912: Die vogtländischen Wälder, in Festschr. Naturk. Zwickau i.S. 1912 (n.v.).

* **Arvet-Touvet, [Jean Maurice] Casimir** (1841-1913), French winegrower and hieraciologist at Gières-Uriage, near Grenoble (*Arv.-Touv.*).

HERBARIUM and TYPES: GRM; much further material at P; further collections mentioned by herbaria are mostly references to his regular exsiccatae (see TL-2/1: 71). – AUT, B, BC, BUC, G, GR, K, L, LE, MPU, TO, W.

NOTE: Ascherson (in AG 12(1): 23, 119): “Since Arvet-Touvet knew only his own literature on *Hieracium* and in principle avoided the studies by all others, it may be understood that new names were given to taxa which were already known to botany.” (freely translated, FAS). Arvet-Touvet’s *Hieracium herbarium*, now at GRM, consisted of the *Hieraciotheca gallica et hispanica*, *Hieracia naegeliana* of Naegeli and Peter, as well as his own *Herbier général des Hieracium*.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 23, 119, 12(2): 29, 225; Barnhart 1: 80 (b. 4 Mar 1841, d. 4 Mar 1913, sic; both at Gières near Grenoble); BM 1: 64; CSP 12: 24, 13: 173; DTS 1: 8-9; Hegi 6(2): 1246 (footnote); Hortus 3: 1187; IH 2: 43; Jackson p. 283; Kew 1: 86; KR p. 61; Langman p. 94; Morren ed. 10, p. 63; Rehder 1: 414; Saccardo cron p. xiv; TL-2/1: 71-72 see also TL-2/16.054; Urban-Berl. p. 325.

BIOFILE: Anon., Allg. bot. Z. 19: 96. 1913 (d. in the night of 3 to 4 Mar 1913); Hedwigia 54 (Beibl.)1: (60). 1913 (d. “anfangs Februar 1913”); Nat. Nov. 35: 308. 1913 (d. “anfangs Februar”).

Cavillier, F., Boissiera 5: 11. 1941 (bibl.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (letter by A. at HPS-UB).

Mirande, M., Rev. gén. Bot. 27: 65-76, 117-127, 142-157, 169-190, 208-222. 1915 (biogr., handwriting, analysis of his works; major source); Ann. Univ. Grenoble 27: 85-167. 1915 (biogr., bibl., portr., handwriting; also as reprint, p. 1-87, 3 pl., Grenoble 1915).

COMPOSITE WORKS: (1) Briquet, J., Indications d’Épervières [*Hieracium*] rares et nouvelles, ... d’après des déterminations de M. Arvet-Touvet, Bull. Herb. Boiss. 2(10): 616[1]- 632[16]. Oct. 1894.

(2) Co-author, J.B. Verlot, *Liste syst. pl.* 1877 (TL-2/16.054).

HANDWRITING: Rev. gén. Bot. 27: 65. 1915.

19.545. *Essai sur les plantes du Dauphiné.* Diagnoses specierum novarum vel dubio praedictarum ... Grenoble (Imprimerie de Prudhomme, ...) 1871 [i.e. 1872]. Oct. (*Essai pl. Dauphiné*). *Publ.*: Jan 1872 (printer’s mark on p. 2; t.p. date 1871), p. [1]-72. *Copy*: G.

Ref.: Anon., Bull. Soc. bot. France 19 (Bibl.): 36. Nov 1872.

19.546. *Essai sur l’espèce et las variétés principalement dans les plantes ...* [Grenoble (Impr. de Prudhomme) 1872]. Oct.

Publ.: Mar 1873 (date of printing on p. 16), p. [1]-16. *Copy*: G.

19.547. *Monographie des Pilosella et des Hieracium du Dauphiné suivie de l’analyse de quelques autres plantes ...* Grenoble (Imprimerie de Prudhomme, ...) 1873. Oct. (*Monogr. Pilosella & Hieracium*).

Publ.: 1873 (p. 9: preface dated 20 Feb 1873; Bull. Soc. bot. France Dec 1873, Bot. Zeit. 26

- Jun 1874), cover-t.p., p. [1]-54. *Copy*: G.
Supplément: 1876 (Bull. Soc. bot. France 26 Jan 1877, Bot. Zeit. 15 Feb 1878), cover-t.p., p. [1]-39. *Copies*: G(2).
Additions: Jan-Mar 1879 (Bull. Soc. bot. France 18 Apr 1879), cover-t.p., p. [1]-20. *Copies*: G(2).
Ref.: Anon., Bull. Soc. bot. France 24(Bibl.): 158. 1877 (rev. Supplément), 26(Bibl.): 38-39. 1879 (rev. Add.).
- 19.548.** *Essai de classification sur les genres Pilosella & Hieracium* principalement pour les espèces et les formes de la région Sud-Ouest de l' Europe ... [Grenoble ... 1880]. Oct.
Publ.: 1880 (Bull. Soc. bot. France 11 Jun 1880), p. [1]-15. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Dauphin. éch. pl. 1880: 278-292.
Ref.: Freyn, J.F., Bot. Centralbl. 13(4): 122-123. 15-19 Jan 1883 (rev.).
- 19.549.** *Spicilegium rariorum vel novorum Hieraciorum* praecipue americanorum et europaeorum ... Grenoble (Imprimerie et Lithographie Veuve Rigaudin) 1881. Oct. (in half-sheets). (*Spicil. rar. Hierac.*).
Publ.: Late 1881 (Bull. Soc. bot. France 13 Jan 1882; Bot. Centralbl. 28 Aug-1 Sep 1882, Bot. Zeit. 27 Oct 1882, Nat. Nov. Sep (2) 1882), cover-t.p., p. [1]-36. *Copies*: B, G(2), MO.
Supplément 1: Mar 1886 (cover-t.p. so dated; Bot. Centralbl. 28 Jun-2 Jul 1886), cover-t.p., p. [37]-44. *Copies*: G, M, USDA.
Supplément 2: 1886 (Bull. Soc. bot. France 25 Nov 1886), cover-t.p., p. [45]-52. *Copies*: G, USDA.
Ref.: Freyn, J.F., Bot. Centralbl. 13(4): 123-124. 15-19 Jan 1883 (rev.).
- 19.550.** *Notes sur quelques plantes des Alpes* précédées d' une revue des Hieracia Scandinaviae exsiccata de C.J. Lindeberg ... Grenoble (Imprimerie et Lithographie Veuve Rigaudin ...) 1883. Oct. (*Notes pl. Alpes*).
Publ.: Jan-Feb 1883 (rd. at G 3 Mar 1883; Bot. Zeit. 29 Jun 1883; Bot. Centralbl. 5-9 Mar 1883; Nat. Nov. Mai (1) 1883), cover-t.p., p. [1]-32. *Copies*: G(2).
Note: For Carl Johan Lindeberg (1815-1900) see KR p. 408-409, especially no. 24.
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- 19.551.** *Les Hieracium des Alpes françaises* ou occidentales de l' Europe ... Lyon, Genève, Bâle (Henri Georg, ...), Paris (J. Lechevalier, ...) 1888. Oct. (large sheets). (*Hieracium Alp. franç.*).
Publ.: 1888 (Bull. Soc. bot. France before 15 Mai 1888; Nat. Nov. Jul (2) 1888; Bot. Centralbl. 36(9): 269-270. 27 Nov 1888; ÖBZ 1 Sep 1888; Bot. Zeit. 28 Sep 1888), p. [i*], [i]-ii, [iii], [1]-131. *Copy*: NY. – Preprinted or reprinted from Ann. Soc. Linn. Lyon 34: 1-131. 1888.
Ref.: Malinvaud, E., Bull. Soc. bot. France 35 (Bibl.): 102-103. ca. 15 Mai 1888.
 Freyn, J.F., Bot. Centralbl. 36: 269-270. 27 Nov 1888 (rev.).
- 19.552.** *Hieracium nouveaux* pour la France ou pour l' Espagne ... Paris (Librairies – Imprimeries réunies ...) 1894. Oct.
Co-author: Marie Clément Gastov Gautier (1841-1911), see TL-2/1: 924-925.
Publ.: Jul 1894 (in journal; read 11 Mai 1894), cover-t.p., p. [328]-371. *Copies*: G(2). – Reprinted and to be cited from Bull. Soc. bot. France 41: 328-371. 1894.
- 19.553.** *Hieracium novorum descriptiones* ... Bulletin de l'Herbier Boissier ... 1897.
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- 19.554.** *Revision des Épervières* de l' *Herbier* de Haller fils ... Extrait de l' Annuaire du Conservatoire et du Jardin botanique de Geneve ... 1897. Oct.
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19.555. *Elenchus Hieraciorum novorum* vel minus cognitorum praesertim in herbario Delesertiano asservatorum ... Extrait de l' Annuaire du Conservatoire ... Genève ... 1897. Oct.
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Arwidsson, Thorsten (1904-1948), Swedish botanist. (*Arwidss.*).

HERBARIUM and TYPES: S; further material at UPS, also at CU, LLC, PRE.

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Publ.: 1930 (p. 3: date of mss. Apr 1930), cover-t.p., p. [1]-13, [14]. *Copy*: B.

19.567. *Floran* inom *Sonfjällets Nationalpark* ... Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1930. Oct. (*Fl. Sonfjällets Nat.-Park*).

Publ.: Shortly after 30 Jan 1930 (date of printing), cover-t.p., p. [1]-37. *Copies*: B, U. – Issued as *K. Sv. Vet.-Akad. Skr. Naturskyddsår* 12, 1930. – See BL 2: 252.

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Publ.: Shortly after 16 Feb 1934 (date of printing on p. 47), cover-t.p., p. [1]-47. *Copy*: U. – Issued as *K. Sv. Vet.-Akad. Skr. Naturskyddsår* 25, 1934. – See also BL 2: 519.

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* **Asahina, Yasuhiko** (1881-1975), Japanese lichenologist, studied chemistry and pharmacy at the University of Tokyo, ca. 1907 assistant at the University for Pharmacognosy Tokyo, studied at the Technical University of Zürich 1909-1912, and one semester with Emil Fischer in Berlin, professor at the University of Tokyo 1912-1941, specialized in lichen-chemistry, in retirement sometime director of research at the Institute of natural Resources and the Iatrochemical Research Institute at Tokyo (Tsumara laboratory). (*Asah.*)

HERBARIUM and TYPES: TNS, further material in B, K, LD, M, MICH, UPS, W. – For exsiccatae see Sayre (1969).

NOTES (1): See TL-2/1: 72

(2): Asahina discovered Paraphenylendiamine as a reagent for lichen compounds.

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2: 25 Dec 1936, cover-t.p., p. 25-38 [859-872]. – Id. 12(12): 859-872. 1936.

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6: 15 Apr 1938, cover-t.p., p. 22-28 [244-250], *pl. 4*. – Id. 14(4): 244-250, *pl. 4*. 1938.

7: 15 Mai 1938, cover-t.p., p. 30-35 [318-323], *pl. 4*. – Id. 14(5): 318-323, *pl. 4*. 1938.

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Copies: L.

* **Ascherson, Ferdinand Moritz** (1798-1879), German physician and mycologist, father of P.F.A. Ascherson, born in Fürth nr. Nürnberg (Middle Franconia), assisted his father in his jewelry shop; studied medicine in Berlin 1824-1828, practising physician ib. 1829-1879, next to his practice actively carrying on botanical-physiological studies. (*F. Aschers.*).

HERBARIUM and TYPES: Unknown, not mentioned by his son (1879).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 71, 314; Barnhart 1: 81; BM 1: 65; CSP 1: 106 (9 nos.); IF p. 675; LS 1220-1223; PR 264-265, ed. 1: 314-315; Rehder 3: 56; TL-2/1: 72.

BIOFILE: Anon., Bull. Soc. bot. France 26 (Bibl.): 90. 1879 (brief note; place of birth erroneously given as Nürnberg); J. Bot. 17: 160. 1879 (d.); Magyar Növény. Lapok 3: 46. Feb 1879 (brief. obit.).

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Publ.: 1831, p. [i*], [i]-iv, [1]-82, [83-84], pl. 1-2. Copy: NY.

* **Ascherson, Paul [Friedrich August]** (1834-1913), German (Berlin) botanist, educated at the Marggraff Knabenschule and the Friedrich-Werder Gymnasium, Berlin, at the University of Berlin 1850 studying medicine, from 1852 botany with Alexander Braun, Dr. phil. ib. 1855, state medical examination 1856, practicing medicine 1856-1857, from 1857 dedicating himself only to botany, one of the founders (with Alexander Braun) of the "Botanischer Verein der Mark Brandenburg" 1859, worked on the flora of the Mark Brandenburg 1859-1864, travelled and collected widely in Central and South Europe as well as in North Africa, assistant at the Berlin Botanical Garden 1860-1876, from 1865 also first assistant of the herbarium, curator from 1871-1884, Dr. phil. Rostock 1863, "Habilitation" University of Berlin 1863, extraordinary professor of botany University of Berlin 1873, "Geheimer Regierungsrath" 1904, honorary full professor 1908. (*Aschers.*).

HERBARIUM and TYPES: B (p.p. destr.), further material in AUT, BP, C, CORD, GE, GOET, L, LE, MO, P, W, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 8: 196; AG 1: 287 (epon.), 2(1): 352, 590, 3: 576, 5(1): 309, 5(2): 439, 5(3): 77, 6(1): 371; Barnhart 1: 82; BFM 215, 216, 245; BL 1: 30, 31, 32, 41, 42, 62, 137, 2: 387; BM 1: 65, 6: 35; Bossert p. 16; Christiansen see index; CSP 1: 106, 7: 51-52, 9: 75-76, 12: 25-27, 13: 176-178; DTS 1: 9-11, xvii, 6(4): 110; Frank 3(Anh.): 5-6; Futak-Domin p. 86-88; GR p. 58; IH 2: 43; Jackson p. 122, 130, 302, 314, 346, 424, 510; Kanitz no. 32; Kew 1: 87-88; Langman p. 94; LS 1224-1234, 30675-30676, 36219; MW p. 24; PFC 1: xxxiv, 2(2): xviii-xix, 3(1): xi, 3(2): xii-xiii; PR 266-268; Rehder 5(index): 29-30; Saccardo 1: 18, 178; TL-1: 9; TL-2/1: 72-77; Urban-Berl. p. 270, 293, 325; Zander, ed. 10, p. 629, ed. 11, p. 715.

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Publ.: Jun 1854 (note by author on copy B), p. 435-463. *Copy:* B. – Reprinted, without identification from Z. gesammelt. Naturw. 3: 435-463. 1854.
- 19.577.** *Beobachtungen über die Flora des Fürstenthums Waldeck und der angrenzenden Theile der Provinz Westfalen, gesammelt im August und September 1857 ...* [Verh. naturh. Ver. preuss. Rheinl. u. Westfalen ... 1858]. Oct.
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- 19.578.** *Beitrag zur Flora des nordöstlichen Deutschlands als Zusatz zu der Abhandlung: Studiorum phytographicorum de Marchia Brandenburgensi specimen ...* [Linnaea 1857-1859]. Oct.
Original Abhandlung: Stud. phytogr. Marchia brandenb., see TL-2/194.
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- 19.580.** *Ueber Schweinfurthia, eine neue Gattung von Scrophulariaceen. Von A. Braun. Über Anticharis eine Gattung derselben Familie von P. Ascherson ...* Berlin (Akademische Buchdruckerei) 1867. Oct.
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Ref.: A.Z., Flora 51: 441-445. 28 Oct 1868 (rev.).
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Further treatment: see his *Geogr. Verbr. Seegräser* 1871.
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Co-author: Paul Wilhelm Magnus (1844-1914), TL-2/3: 245-247.

Publ.: 25 Nov-9 Dec 1870 (in journal), p. [1]-27. *Copies:* B, G. – Reprinted and to be cited from *Bot. Zeit.* 28(47): 745-752. 25 Nov, (48): 761-771. 2 Dec, (49): 777-787. 9 Dec 1870.

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Publ.: 28 Sep 1871 (in journal; p. 150 Nachschrift 1 Jul 1871 on war action with respect to the Jardin des Plantes), from *Verh. bot. Ver. Prov. Brandenburg* 12: 125-130. 1871 [“1870”].

19.585. *Die geographische Verbreitung der Seegräser ...* Petermann’s *Geogr. Mittheilungen* ... 1871. Qu.

Publ.: 1871 (*Bot. Zeit.* 28 Jul 1871), p. [241]-248, *pl. 13* (map). *Copies:* G(2). – Reprinted and to be cited from *Peterm. Geogr. Mitth.* 17(7): 241-248, *pl. 13* (map). 1871. – Earlier publ. on same subject: “*Vorarbeiten zu einer Übersicht der phanerogamen Meeresgewächse*”, see above (1867).

19.586. *Plantae phanerogamae marinae, quas cl. Eduardus Beccari in Archipelago Indico annis 1866 et 1867, et in mari Rubro anno 1870 collegit, enumeratae ...* [Nuovo Giorn. bot. Ital. ... 1871]. Oct.

Collector: Odoardo Beccari (1843-1920), TL-2/1: 155-157 and suppl.

Publ.: 1871, p. 299-302. *Copy:* B. – Reprinted and to be cited from *Nuovo Giorn. bot. Ital.* 3: 299-302. 1871.

19.587. *Über einige Achillea-Bastarde. Über eine biologische Eigenthümlichkeit der Cardamine pratensis L. ... Zwei Abhandlungen abgedruckt aus der Festschrift zur Feier des hundertjährigen Bestehens der Gesellschaft naturforschender Freunde zu Berlin ...* Berlin (Ferd. Dümmlers Verlagsbuchhandlung ...) 1873. Qu.

Publ.: 1873 (*Flora* 21 Feb 1874 “erschien soeben”), p. [1]-18, *pl. 1-3* (uncol. liths. W.A. Meyn). *Copy:* G. – Reprinted and to be cited from *Festschr.* 100 j. *Besteh. Ges. naturf. Freunde Berlin* 1873, p. 235-246, *pl. 1-2* [*Achillea*], 247-250, *pl. 3* [*Cardamine*]. 1873. *Ref.:* Ascherson, P., *Bot. Zeit.* 32: 619 [“916”]-624. 18 Sep 1874 (“Autoreferat”).

19.588. *Vorläufiger Bericht über die botanischen Ergebnisse der Rohlfs’schen Expedition zur Erforschung der libyschen Wüste ...* Separatdruck aus der *Botanischen Zeitung* ... 1874. Oct.

Publ.: 18 Sep-2 Oct 1874 (in journal, see below; *Flora* 21 Feb 1875), p. [1]-22. *Copies:* B, G(2). – Reprinted and to be cited from *Bot. Zeit.* 32: 609-616. 18 Sep, 625-631. 25 Sep, 641-647. 2 Oct 1874.

Note: See also *Botanische Ergebnisse der Rohlfs’schen Expedition zur Erforschung der Libyschen Wüste ... in Berichte von G. Rohlfs Expedition in die Libysche Wüste ...* *Verh. Ges. Erdk. Berlin* 1874 (6-7): 177-181. 1874.

19.589. *Beiträge zur Kenntnis der geographischen Verbreitung der Seegräser ...* Aus den *Annalen der Hydrographie und maritimen Meteorologie* ... 1876. Oct.

Publ.: Mar 1876 (in journal), p. [111]-112. *Copy:* B. – Reprinted and to be cited from *Ann. Hydrogr. marit. Meteorol.* 1876: 111-112.

19.590. *Ueber Dianthus-Bastarde ...* Separat-Abdruck aus den Sitzungsberichten der Gesellschaft naturforschender Freunde ... Berlin ... 1877. Oct.

Publ.: 20 Jun-Dec 1877 (read 19 Jun 1877), p. [i, t.p.], 177-182. *Copy:* G. – Reprinted and to be cited from *S.B. Ges. naturf. Freunde Berlin* 1877: 177-182.

19.591. *Beitrag zur Flora Aegyptens ...* Berlin (Buchdruckerei von Mesch & Lichtenfeld ...) 1879. Oct.

Publ.: 1879 (read 25 Apr 1879; no dates, known of journal issue), p. [i], [63]-74. *Copies*: B, FAS(2), G, U. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg (S.B.) 21: 63-74. 1879, also in S.B. Ges. naturf. Freunde Berlin 1879: 39-53.

19.592. *Beiträge zur Flora der mittleren und westlichen Nieder-Lausitz ...* Berlin (Buchdruckerei von Mesch & Lichtenfeld ...) 1879. Oct.

Publ.: 1879 (date of issue of journal parts not known), p. [i], [100]-143, [ii, impr.]. *Copies*: B, FAS, U. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 21 (Abh.): 100-143. 1879.

19.593. *Botanik von Ost-Afrika ...* Leipzig und Heidelberg (C.F. Winter'sche Verlagsbuchhandlung) 1879. Oct.

Authorship: P. Ascherson; Johann Otto Boeckeler (1803-1899), Friedrich Wilhelm Klatt (1825-1897), TL-2/2: 561-563; Friedrich Adalbert Maximilian ["Max"] Kuhn, TL-2/2: 690-691; Paul Günther Lorentz (1855-1881), TL-2/3: 157-160; Otto Wilhelm Sonder (1812-1881), TL-2/5: 741-743.

Publ.: Jul-Aug 1879 (Nat. Nov. Oct (1) 1879, Bot. Zeit. 9 Jan 1880), cover-t.p., p. [i*-ii*], [1]-91, [92], pl. 1-2. *Copy*: U. – Reprinted from Von der Decken's Reisen, 3(3) Botanik. 1979.

Ref.: N.L., Bot. Zeit. 38: 32. 13 Feb 1880 (rev.).

19.594. *Kleine phytographische Bemerkungen ...* Botanische Zeitung ... 1874-1883. Qu.

Publ.: 1874-1883 in Bot. Zeit. as follows: 29: 154-155. 10 Mar 1871, 30: 290-298. 26 Apr 1872, 30: 629-632. 30 Aug 1872, 31: 161-163, 14 Mar 1873, 31: 705-708. 7 Nov 1873, 32: 769-773. 27 Nov 1874, 33: 152-153. 5 Mar 1875, 34: 7-9. 7 Jan 1876, 34: 305-309. 19 Mai 1876, 35: 521-526. 17 Aug 1877, 36: 433-439. 12 Jul 1878, 38: 17-23. 9 Jan 1880, 41: 480-484. 20 Jul 1883. – See journal and IDC 5590.

19.595. *Florula der Oasengruppe Kufra nach den Sammlungen und Beobachtungen von G. Rohlf's ...* Separatabdruck aus den Sitzungsberichten des Botanischen Vereins der Provinz Brandenburg ... 1881. Oct.

Collector: Gerhard [Friedrich] Rohlf's (1831-1896), see TL-2/4: 863-864.

Publ.: 29 Sep 1881 (in journal), p. [1]-7. *Copies*: B, U. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 23 (S.B.): 27-33. 1881.

19.596. *Subflorale Axen als Flugapparate ...* [Jahrb. Bot. Gart. Mus. Berlin ... 1881]. Oct.

Publ.: After 1 Aug 1881 (preface vol. 1 so dated), p. [1]-20, pl. 6. *Copy*: B. – Reprinted and to be cited from Jahrb. bot. Gart. Mus. Berlin 1: 318-336, pl. 6. 1881.

19.597. *Plantarum Africae septentrionalis mediae hucusque cognitarum conspectus ...* Separat-Abdruck aus ... Botanischen Centralblatt 1881. Oct.

Publ.: Early Dec 1881 (in journal), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Bot. Centralbl. 8(48): 278-287. 1881.

19.598. *Pancretium Sickenbergi* Aschs. et Schwf. (Amaryllidaceae Subtr. 3 Cyathiferae Bent. et Hook.) ... [Gartenzeitung ... 1883]. Oct.

Co-author: Georg [August] Schweinfurth (1836-1925), see TL-2/5: 430-437.

Publ.: 1883, p. [345]-348, 1 pl. *Copy*: G. – Reprinted and to be cited from Gartenzeitung 2: 345-348, 1 pl. 1883.

19.599. *Beitrag zur Flora des nordwestlichen Kleinasiens ...* [Jahrb. bot. Gart. Mus. Berlin ... 1883]. Oct.

Publ.: 1883 (journal issue as a whole after Mar 1883, date of preface), p. [339]-365. *Copy*: G. – Reprinted and to be cited from Jahrb. bot. Gart. Mus. Berlin 2: 339-365. 1883.

19.600. *Forskal über die Metamorphose der Pflanze ...* [Berichte der Deutschen Botanischen Gesellschaft ... 1884]. Oct.

Publ.: 15 Aug 1884 (mss. submitted 27 Jun 1884; date in journal), cover, p. 293-297. *Copy*: B. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 2: 293-297. 1884.

19.601. *Supplément du Florae Sardoae compendium* de M. William Barbey rédigé d'après les collections de MM. G. Bornemann, P. Ascherson, O. Reinhardt, E. Marucci, P. Magnus et Forsyth Major par P. Ascherson, E. Levier, P. Magnus ... Lausanne (Imprimerie Georges Bridel) 1885. Qu. (*Suppl. Fl. Sard. comp.*).

Co-authors: Émile [Emilio] Levier (1839-1911), see TL-2/2: 866-867. Paul Wilhelm Magnus (1844-1914), see TL-2/3: 245-247.

Collectors: Johann Georg Bornemann (1831-1896), TL-2/1: 281 (colls. still extant at JE); P. Ascherson, Otto Wilhelm Hermann Reinhardt (1838-1924), TL-2/4: 701-702 (orig. colls. in B, partly extant, further material at GOET, IBF); P.W. Magnus (also co-author, colls. mainly at HBG), Charles Immanuel Forsyth-Major (1843-1923), see IH 2: 204.

Publ.: 1885 (*Nat. Nov.* Dec 1885, *J. Bot.* Jan 1886 as part of Barbey, *Fl. Sard. comp.*), cover-t.p., p. [ii], [171]-263, [265, cont.], pl. 6-7 (6: uncol. lith. W.A. Meyn, 7: col. lith. G. Bornemann). *Copy*: B. – Reprinted from W. Barbey, *Fl. Sard. comp.* 1884-1885, see TL-2/296.

19.602. *Bemerkungen zur Karte meiner Reise nach den Kleinen Oasen in der Libyschen Wüste ...* Aus der Zeitschrift der Gesellschaft für Erdkunde zu Berlin ... 1885. Oct.

Publ.: Jan-Sep 1885, p. [110]-160, pl. 2 (col. map.), *Copies*: B, G. – Reprinted and to be cited from *Z. Ges. Erdk. Berlin* 20(2): 110-160. 1885. – Abstract by Ascherson in *Bot. Centralbl.* 23(37): 309-310. Early Oct 1885 (also reprinted, p. [1]-2. *Copy*: B.)

19.603. *Zur Flora Sardiniens und der adriatischen Küstenländer ...* Separatabdruck aus der "Oesterr. bot. Zeitschrift" ... 1885. Oct.

Publ.: Sep and Oct 1885 (in journal), p. [1]-10. *Copy*: B. – Reprinted and to be cited from *ÖBZ* 35: 308-312. Sep, 350-355. Oct 1885.

19.604. *Utricularia exoleta* R.Br. im westlichen Mittelmeergebiet ... [Separatabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1886]. Oct.

Publ.: 17 Dec 1886 (mss. subm. 23 Nov 1886; date in journal), p. [i, recto of 404], [404]-409. *Copy*: B. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 4(9): 404-409. 1886.

19.605. *Reisebriefe aus Aegypten* an Prof. P. Magnus ... Berlin (Druck von Mesch & Lichtenfeld ...) [1887]. Oct.

Publ.: 27 Oct 1887 (in journal), p. [i*], [viii]-xi. *Copy*: B. – Reprinted and to be cited from *Verh. bot. Ver. Prov. Brandenburg* 29: viii-xi. 1887. – See also *Brief über die Ägyptische Reise*, *Z. Ethnol.* 19: 343-344. 1887.

19.606. *Die nördliche Isthmus-Küste Aegyptens ...* Verhandlungen der Gesellschaft für Erdkunde zu Berlin ... 1887]. Oct.

Publ.: Jul-Aug 1887 (read 2 Jul 1887; issue of journal for Jul), p. 313-334. *Copy*: G. – Reprinted and to be cited from *Verh. Ges. Erdk. Berlin* 14: 313-322 [and p. 323-334, H. Schinz, *Durch Südwest-Afrika.*] 1887.

19.607. *Le Lac Sirbon et le Mont Casius ...* Le Caire (Imprimerie nouvelle Jules Barbier). Oct.

Publ.: 1886 (issue of journal for 1887 published 1888, see p. [1] of reprint), p. [1]-13. *Copy*: G. – Reprinted and to be cited from *Bull. Inst. Egypt.* 8: 175-187. 1888 [for 1887].

19.608. *Das Vorkommen der Scopolia carniolica* Jacq. in Ostpreussen ... Sitzungs-Berichte der Gesellschaft naturforschender Freunde zu Berlin 1890. Oct.

Publ.: Shortly after 15 Apr 1890 (date of session), p. [59]-77, 81, 82b-e, [78]. *Copy*: U. – Reprinted with shift of text (sic) from S.B. Ges. naturf. Freunde Berlin 1890(4): 59-78, 82 b-e. 1890.

19.609. *Botanische Mitteilungen* ... Berlin (Druck von Mesch & Lichtenfeld) [1891]. Oct.
Publ.: 28 Feb 1891 (in journal; Nat. Nov. Jun (1) 1891), p. [i*, iii*], [xxxvi]-lxvii. *Copies*: B, G. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 32: xxxvi-lxvii. 1891 (a series of brief notes; title “Botanische Mitteilungen” does not appear in journal issue).

19.610. *Bemerkungen über einige Potentillen und andere Pflanzen Ost- und Westpreussens* ... Separat-Abdruck aus den Abhandlungen des Botanischen Vereins der Provinz Brandenburg ... [1891]. Oct.

Publ.: 28 Feb 1891 (in journal; Nat. Nov. Jun (1) 1891), p. [129]-172. *Copies*: B, G. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 32(2) (Abh.): 129-172. 1891.

Note: Written with respect to C. Sanio, *Zahlenverhältnisse der Flora Preussens 2*, in ib. 32(1) (Abh.): 55 [sic not 59]-128. 30 Jun 1890. For the first part of Sanio’s paper see ib. 23 (Abh.): 55-93, 27 Jan 1882 and also in Schr. phys.-ökon. Ges. Königsberg i. Pr. 25(2): 135 seq. 1884 (n.v.).

19.611. *Die Verbreitung der hellfrüchtigen Spielarten der europäischen Vaccinien, sowie der Vaccinium bewohnenden Sclerotien-Arten* ... Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ... 1891. Oct.

Co-author: Paul Wilhelm Magnus (1844-1914), TL-2/3: 245-247.

Publ.: Jul-Dec 1891 (submitted 1 Jul 1891; Nat. Nov. Oct (2) 1891), p. 1-24. *Copies*: B, G(2), U. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 41 (Abh.): 677-700. 1891.

19.612. *Dianthus Laucheanus* Ble. Ein neuer Nelkenbastard ... [Abh. Bot. Ver. Prov. Brandenburg ... 1891]. Oct.

Co-author: Carl August Bolle (1821-1909), TL-2/1: 263-264.

Publ.: 12 Apr 1892 (in journal), p. [102]-105. *Copy*: B. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 33(2) (Abh.): 102-105 [“1891”] 1892.

19.613. *Lepidium apetalum* Willd. (*L. micranthum* Ledeb.) und *L. virginicum* L. und ihr Vorkommen als Adventivpflanzen ... [Separat-Abdruck aus den Abhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1892]. Oct.

Publ.: 12 Apr 1892 (in journal), p. [i, identif., recto of 108], [108]-142. *Copies*: G, U. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 33(2) (Abh.): 108-142. 1892.

19.614. *Proposition d’ articles à ajouter aux “Lois de la nomenclature botanique.”* [Berlin 1892]. Qu. (*Prop. Lois nom. bot.*).

Authorship: P. Ascherson, A.H. Berkhout, R. Beyer, C. Bolle, R. Büthner, U. Dammer, A. Engler, B. Frank, A. Garcke, E. Gilg, M. Gürke, P. Hennings, G. Hieronymus, O. Hoffmann, L. Kny, E. Koehne, G. Krabbe, F. Kränzlin, L. Krug, M. Kuhn, G. Lindau, E. Loew, P. Magnus, F. Niedenzu, F. Pax, H. Potonié, N. Pringsheim, O. Reinbart, R. Ruthe, C. Schumann, G. Schweinfurth, S. Schwendener, P. Taubert, I. Urban, G. Volkens, O. Warburg, A. Winkler, L. Wittmack, E. Wunschmann. – Committee addressing this to the Genoa Congress: Ascherson, Engler, Schumann, Urban.

Publ.: Early 1892, p. [1-4]. *Copies*: B, FAS. – The first proposal to introduce nomina generica conservanda. This circular was sent to 706 botanists all over the world (of which 329 for Germany and Austria s.l.; 377 outside this region). See Ascherson 30 Aug. 1892, below.

19.615. *Hygrochasia* und zwei neue Fälle dieser Erscheinung ... [Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1892] Oct.

Publ.: 23 Mar 1892 (in journal), p. [i, identif., recto of 94], 94-114, *pl.* 6-7. *Copy*: G. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 10(3): 94-114, *pl.* 6-7. 1892.

19.616. *La riforma della nomenclatura botanica* trattata dal Congresso Botanica Internazionale di Genova 1892. Genova (Tip. Sordo-muti) 1892. Qu. (*Riforma nom. bot.*).

Printed letter: 9 Sep-31 Dec 1892, p. [i*, i-xii]. *Copy*: BR. – Printed letter to the thirty members of the Commission internationale, ... pour l' étude des questions de nomenclature botanique par le Congrès botanique international de Gênes, le 9 Septembre 1892, e.g. the first General Committee for Botanical Nomenclature.

Text: 9 Sep-31 Dec 1892, cover-t.p., p. [1]-38. *Copies*: B(2), FAS. – Preprinted or reprinted from *Atti del Congresso Botanico internazionale 1892*.

Note: See also printed letter by Ascherson "Commission internationale, institutée pour l' étude des questions de nomenclature botanique par le Congrès botanique international de Gênes, le 9 Septembre 1892", p. [1-3], Berlin s.d. *Copy*: FAS.

19.617. *Vorläufiger Bericht* über die von Berliner Botanikern unternommenen Schritte zur Ergänzung der "*Lois de la Nomenclature botanique...*" Berlin (Gebrüder Borntraeger) [1892]. Oct.

Publ.: 30 Aug 1892 (in journal; mss. submitted 29 Jul 1892), p. [i], [327]-359. *Copies*: B, BR, FAS, U. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 10(7): 327-359. 1892.

Note: This was the formal action by the Berlin botanists to deal with the nomenclatural problems engendered by O. Kuntze's *Revisio*. For the original first statement see above, *Prop. Lois nom. bot.* [1892].

19.618. *Sparganium neglectum* Beeby und sein Vorkommen in Oesterreich-Ungarn ... Separat-Abdruck aus der "*Oesterr. bot. Zeitschrift*", ... 1893. Oct.

Publ.: Jan and Feb 1893 (in journal), p. [1]-6. *Copy*: B. – Reprinted and to be cited from *ÖBZ* 43(1): 11-14. Jan, 43(2): 44-47. Feb 1893.

19.619. *Eine bemerkenswerte Abänderung der Sherardia arvensis* L. ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1893. Oct.

Publ.: 3 Mar 1893 (read 26 Jan 1893; 3 Mar 1893 date of issue 11(1) journal), p. [29]-43, *pl.* 3 (uncol. lith. auct.). *Copies*: B, G. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 11(1): 29-42, *pl.* 3. 1893.

19.620. *Veronica campestris* Schmalh. und ihre Verbreitung in Mitteleuropa ... Separat-Abdruck aus der "*Oesterr. botan. Zeitschrift*" ... 1893. Oct.

Publ.: Apr 1893 (in journal), p. [1]-4. *Copy*: B. – Reprinted and to be cited from *ÖBZ* 43(4): 123-126. Apr 1893.

19.621. *Beiträge zur Kenntnis der norddeutschen Flora* ... [Berichte der deutschen Botanischen Gesellschaft ... Berlin (Gebrüder Borntraeger) 1893]. Oct.

Co-author: [Karl Otto Robert Peter] Paul Graebner (1871-1933, TL-2/1: 977-978).

Publ.: 23 Nov 1893 (in journal; read 27 Oct 1893), cover-t.p., p. [i], [516]-530, *pl.* 26 (uncol. lith. drawing P. Graebner). *Copies*: B, U. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 11(8): 516-530, *pl.* 26. 1893.

19.622. *Rapport sur la question de la nomenclature* ... *Atti del Congresso Internazionale 1892* ... Genoa 1893. Oct.

Publ.: 1893 (after Mar, date of preface in *Atti*), p. [1]-38. *Copies*: B, BR, U. – Reprinted from *Atti Congresso botanico italiano 1892*: 85-121. 1893. – Translation of the original text by E. Levier.

19.623. *Die Verbreitung von Veronica verna L. und V. Dillenii Crtz. im diesrheinischen Bayern ...* Sonderabdruck aus "Mitteilungen der Bayer. Bot. Ges. zur Erforschung der heim. Flora" ... 1893. Qu.

Publ.: 1893, p. [1]-3. *Copies*: G, U. – Reprinted and to be cited from Mitt. Bayer. bot. Ges. 1893(6): 41-43. 1893.

19.624. *Die Nomenclaturbewegung von 1892 ...* [Separat-Abdruck aus Engler's botanischen Jahrbüchern ... Leipzig (Wilhelm Engelmann)] [1893]. Oct. (*Nomencl.-Bewegung 1892*).

Publ.: 24 Feb 1893, cover [identif.], p. [i, recto of 20], [20]-28. *Copy*: B. – Issued as Beiblatt 38, Bot. Jahrb. Engler 15(5).

19.625. *Die Nomenclaturbewegung von 1892 in der Botanik ...* [Berlin (R. Gaertners Verlagsbuchhandlung, H. Heyfelder) 1894]. Oct.

Publ.: 1894 (read 1 Feb 1894), cover [identif.], p. [36]-45. *Copies*: B, G, U. – Reprinted and to be cited from Ber. Pharmac. Ges. Berlin 4: 36-45. 1894. – See also *Nomencl. Bewegung 1892* above, publ. 1893.

19.626. *Bemerkungen über die Verwandtschafts-Verhältnisse der mitteleuropäischen Carices monostachyae (Gruppe Psyllophorae Loisl.) ...* 1894. Oct.

Publ.: 1894, p. [i], [126]-134. *Copy*: U. – Reprinted and to be cited from S.B. Ges. naturf. Freunde Berlin 1894(4): 126-134.

19.627. *Nachtrag zu L. Schneider's Flora von Magdeburg. Dem Naturwissenschaftlichen Verein in Magdeburg zur Feier seines fünfundzwanzigjährigen Stiftungsfestes mit herzlichen Glückwünschen dargeboten vom Aller-Verein ...* [Festschrift des Aller-Vereins zur 25-jährigen Stiftungsfeier des naturwissenschaftlichen Verein Magdeburg 1894]. Oct.

Co-author: Gustav Maass (1830-1901).

Publ.: 1894, p. [47]-216. *Copy*: NY. – Reprinted and to be cited from Festschr. Aller-Ver. 47-216. 1894 (Festschrift n.v.).

19.628. *Erklärung der Geschäftsleitung der vom internationalen botanischen Congress zu Genua eingesetzten Nomenclatur-Commission. Abgegeben während der 66. Versammlung deutscher Naturforscher und Aerzte in Wien in der Sitzung der Abtheilung für systematische Botanik am 25 September 1894 ...* Wien (Im Selbstverlage der Verfasser) 1895. Oct.

Co-author: [Heinrich Gustav] Adolf Engler (1844-1930), TL-2/1: 757-797.

Publ.: Jan 1895 (in journal), p. [1]-10. *Copies*: B(2), BR, G, FAS, U. – Reprinted and to be cited from ÖBZ 45(1): 27-35 Jan 1895. – Also published in Verh. Ges. deut. Naturf. Ärzte 1892 (2[1]): 153-159. 1894 [1895?].

19.629. *Eine verschollene Getreideart ...* [Brandenburgia ... 1895]. Oct.

Publ.: 1895 (read 27 Feb 1895), p. 37-60. *Copies*: B, U. – Reprinted and to be cited from Brandenburgia 4: 37-60. 1895.

19.630. *Equisetum heleocharis, maximum und Athyrium alpestre ...* Separat-Abdruck aus der "Oesterr. botan. Zeitschrift" ... 1896. Oct.

Publ.: Jan-Feb 1896 (in journal), p. [1]-13. *Copies*: B, G, U. – Reprinted and to be cited from ÖBZ 46(1): 3-10. Jan, (2): 44-49. Feb 1896; see also ib. p. 201-204, 251-254 (*Nachtrag*) below.

19.631. *Eine bemerkenswerte Spielart der Populus tremula ...* Sonder-Abdruck aus Leimbach, Deutsche botanische Monatsschrift ... 1896. Oct.

Publ.: Jun-Jul 1896 (in journal), p. [1]-3. *Copy*: U. – Reprinted and to be cited from Deut. bot. Monatsschr. 14(6,7): 73-75. 1896.

19.632. *Nachtrag zu Equisetum maximum ...* Separat-Abdruck aus der "Oesterr. botan. Zeitschrift" ... 1896 ... Oct.

- Publ.*: Jun-Jul 1896 (in journal), p. [1]-7. *Copies*: G, U. – Reprinted and to be cited from ÖBZ 46(6): 201-204. Jun 1896, (7): 251-254. Jul 1896.
- 19.633.** *Rechtfertigung des Namens Botrychium ramosum ...* [Separat-Abdruck aus den Abhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1896]. Oct.
Publ.: 5 Dec 1896 (in journal, p. 64: 21 Mai 1896, p. 65-75. 5 Dec 1896, reprint 5 Dec 1896), p. [i, recto of p. 64], [64]-75. *Copies*: B, G, U. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 38 (Abh.) [1,2]: 64-75. 1896.
- 19.634.** *Uebersicht der Pteridophyten und Siphonogamen Helgolands ...* Kiel und Leipzig (Verlag von Lipsius & Tischler) 1900. Qu.
Publ.: 1900, cover-t.p., p. [91]-140. *Copies*: B, L. – Reprinted and to be cited from Wiss. Meeresunt. Helgoland ser. 2. 4(1): 91-140. 1900.
- 19.635.** *Aus der Sommerflora Syriens und Mesopotamiens. Verzeichnis auf meiner [c.q. M. Frhr. von Oppenheim] Reise im Sommer 1893 gesammelten Pflanzen nebst Angabe der an Ort und Stelle aufgezeichneten arabischen Namen und Nutzenwendungen bestimmt von Prof. Dr. P. Ascherson. Berlin (Verlag von Dietrich Reimer (Ernst Vohsen) [1900]. Oct. Collector: Max Freiherr von Oppenheim, collections in B, partly destroyed.*
Publ.: 1900, p. [i], [373]-388. *Copies*: B, G. – Reprinted and to be cited from M. Freiherr von Oppenheim, *Vom Mittelmeer zum Persischen Golf*: 373-388. 1900.
- 19.636.** *Aegilops speltoides* Jaub. & Spach und ihr Vorkommen in Europa ... Separatabdruck aus Jahrg. 1902 Nr. 1 der "Mag. bot. Lapok" 1902. Oct.
Publ.: 1902, p. [1]-7. *Copies*: B, G. Reprint has German text only. – Reprinted and to be cited from [German and Hung. text:] Magyar bot. Lapok 1: 6-17. 1902.
- 19.637.** *Die geographische Verbreitung der Seegräser ...* [Hannover (Dr. Max Jänecke, ...) 1905]. Oct.
Publ.: 1905, cover, p. [389]-413. *Copies*: B, NY. – Reprinted and to be cited from G. von Neumayer, ed., *Anleitung Wiss. Beob. Reisen* ed. 3. 389-413. 1905. – Previously published in G. von Neumayer, ed., ed. 2, p. 191-212. 1888.
- 19.638.** *Die Auffindung einer zu Populus euphratica gehörigen Elementarart in Europa ...* Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1908. Oct.
Publ.: 25 Jun 1908 (submitted 29 Mai 1908; date of journal publ.), p. [i], [353]-360. *Copy*: U. – Reprinted and to be cited from Ber. deut. bot. Ges. 26a(5): 353-360. 1908.
Nachträge: 30 Jul 1908 (submitted 25 Jun 1908; date of journal publ.), p. [i], [445]-448. *Copy*: U. – Id. 26a(6): 445-448. 1908.
- 19.639.** *Die Herkunft der Reseda odorata ...* Jena (Verlag von Gustav Fischer) 1910. Oct.
Publ.: Late Apr 1910 (in journal), cover-t.p., p. 1-8. *Copy*: U. – Reprinted and to be cited from Naturw. Wochenschr. ser. 2. 9(16): 241-243. 1910.
- 19.640.** *Verzeichnis der in ihrer Flora bekannten Salzstellen der Provinz Brandenburg ...* Berlin (Im Vertrieb bei der Königl. Geologischen Landesanstalt) 1912. Oct.
Publ.: 1912 (p. 496: 28 Apr 1911), cover-t.p., p. [494]-496. *Copy*: U. – Reprinted and to be cited from Jahrb. kön. Preuss. Geol. Landesanst. 32(1. Heft 3): 494-496. 1912.

Ashby, Sydney Francis (1874-1954), British botanist, B.Sc. Glasgow, sometime research fellow Rothamsted Experimental Station; microbiologist Dept. Agriculture, Jamaica 1906-1910, 1912-1921; professor of mycology Imperial College of Tropical Agriculture, Trinidad 1922-1926; mycologist Imperial Bureau of Mycology, Kew 1926, director 1935-1939. (*Ashby*).

HERBARIUM and TYPES: CMI (fungi).

BIBLIOGRAPHY and BIOGRAPHY: Desmond p. 20 (b. 31 Dec 1874, d. 6 Mar 1954); Stevenson p. 1234.

BIOFILE: Anon., Chron. bot. 2: 184. 1936 (portr.).

Bisby, G.R., Trans. Brit. mycol. Soc. 50-year index. [7]. 1952.

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Publ.: 30 Jun 1927 (date on cover-t.p.), cover-t.p., p. [141]-147. *Copy*: B. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 12(2,3): 141-147. 1927.

19.642. *The oospores of Phytophthora nicotianae* Br. de Haan, with notes on the taxonomy of *P. parasitica* Dastur ... Cambridge (at the University Press ...) 1928. Oct.

Publ.: 1928, cover-t.p., p. [i, recto of p. 86, h.t.], 86-95. *Copy*: B. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 13(1-2): 86-95. 1928.

19.643. *Strains and taxonomy of Phytophthora palmivora* Butler (*P. taberi* Maubl.) ... Cambridge (at the University Press ...) 1929. Oct.

Publ.: 11 Mar 1929 (date on cover-t.p.), cover-t.p., p. [i, h.t., recto of p. 18], [18]-38. *Copy*: B. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 14(1-2): 18-38. 1929.

19.644. *The production of sexual organs in pure cultures of Phytophthora cinnamomi* Rands and *Blepharospora cambivora* Petri ... [Transactions of the British mycological Society ...] 1929. Oct.

Publ.: 14 Oct 1929 (date on reprint), p. [260]-263. *Copy*: B. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 14(3-4): 260-263. 1929.

Ashton, Ruth Elisabeth (Mrs. Aven Nelson) (1896-x), Botanist, grad. Mt. Holyoke College 1922, MS Colorado Agricultural College 1930, worked in University of Wyoming herbarium as graduate assistant; naturalist in the Rocky Mountain National Park 1925-1931. (*R.E. Ashton*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 170; Ewan ed. 1: 153, ed.2: 78.

19.645. *Plants of Rocky Mountain National Park* ... Washington [D.C.] (United States Government Printing Office) 1933. Oct. (*Pl. Rocky Mts. Natl. Park*).

Publ.: 1933, cover-t.p., frontispiece (*pl. I*), p. [i]-iv, [1]-157. *Copies*: B, NY. – Other plates in text.

* **Askenasy, Eugen** (1845-1903), Russian (Odessa) born botanist living in Germany from 1853; primary school at Dresden 1853-1855, at the "Gymnasium zum Heiligen Kreuz", Dresden, agricultural stage at Durlach 1859-1861, at the Hohenheim Akademie nr. Stuttgart 1861-1862, at the Poppelsdorf agricultural academy 1863 (with J. Sachs), from 1864-1903 at the University of Heidelberg, Dr. phil. ib. 1866, habil. 1872, extraordinary professor 1881, full professor (plant physiology and anatomy) 1891, member of the Leopoldina from 1886. (*Ask*).

HERBARIUM and TYPES: B and FR (lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 83 (b. 5 Mai 1845, d. 24 Aug 1903); BM 1: 67; Bossert p. 16; CSP 7: 53, 9: 77, 13: 185; De Toni 1: vii, 2: viii, 4: iii; Frank 3(Anh.): 6; GR p. 557; Jackson p. 72, 80, 109; Lipschitz 1: 90; LS 1236; Moebius p. 447 (index); Morren ed. 2, p. 11, ed. 10, p. 25; Nordstedt p. 7; Rehder 1: 105, 108, 166, 238; TL-2/1: 77-78; Tucker 1: 44.

BIOFILE: Anon., Nat. Nov. 20: 73. 1878 (ordinary hon. prof.); Bot. Zeit. 39: 197. 1881 (extraordinary professor); Bot. Centralbl. 73(9): 335. 1898 (ordinary hon. prof.), 93(39): 336. 1903 (libr. to Heidelberg, herb. to FR); Hedwigia 42: (350). 1903 (library to Bot. Inst. Heidelberg, herb. to FR); Leopoldina 39: 129. 1903 (obit. not.); Bot. Centralbl. 99: 80. 1905 (from inheritance DM 10.000 for travel for study to Univ. Heidelberg).

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Carr, D.J. and S.G.A., People and plants in Australia 127, 136. 1981.

Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (letter).

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Sydow, P. and C. Mylius, Botaniker-Kalender 1886(2): 7, 1887: 102.

NOTE (1): See TL-2/1: 77-78.

(2) TL-2/202, *Forschungsreise Gazelle, Bot. Alg.* 1888, see M. Möbius, Bot. Centralbl. 37: 112-119. 22 Jan 1889 (detailed review); see also Hieronymus, Bot. Zeit. 47: 317-318. 1889.

19.646. *Botanisch-morphologische Studien.* Habilitationsschrift ... Frankfurt a.M. (Druck von Mahlau & Waldschmidt) 1872. Oct. (*Bot.-morph. Stud.*).

Publ.: 1872, p. [i], [1]-50, *pl. 1-7* (uncol. liths. auct.). *Copies*: B, G, NY, U. – A copy at MO has a different imprint: "Heidelberg (Carl Winter's Universitätsbuchhandlung) 1872". Oct.

19.647. *Ueber das Aufblühen der Gräser ...* [Separatabdruck ... Verlag von Carl Winter's Universitätsbuchhandlung in Heidelberg ... 1879], Oct.

Publ.: 1879 (in journal, Bot. Zeit. 5 Dec 1879 and 25 Feb 1880 [sic] dated from 1880; Möbius 1903 gives 1879), cover (identif.), p. [261]-282, *pl. 7* (uncol. lith. C. Winter). *Copy*: L. – Reprinted and to be cited from Verh. naturhist.-med. Ver. Heidelberg ser. 2. 2(4): 261-282. *pl. 7*. 1879.

Ref.: G., Bot. Zeit. 38: 159-160. 27 Feb 1880 (rev.).

19.648. *Ueber die Entwicklung von Pediastrum ...* Separatabdruck aus den Berichten der Deutschen botanischen Gesellschaft ... 1888. Oct.

Publ.: 24 Apr 1888 (date in journal; mss. rd. 28 Mar 1888), cover (identif.), [127]-138, *pl. 6* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 6(3): 127-138, *pl. 6*. 1888.

19.649. *Ueber einige australische Meeresalgen ...* Flora 1894. Oct.

Publ.: 24 Jan 1894 (in journal; Nat. Nov. Feb (1) 1894), p. 7-18, *pl. 1-4* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from Flora 78: 7-18, *pl. 1-4*. 1894.

19.650. *Énumération des algues des Iles du Cap Vert ...* [Coimbra (Imprensa da Universidade) 1896]. Oct.

Publ.: 1896 (see imprint on p. 26), p. [1]-26. *Copy*: L. – Reprinted and to be cited from Bol. Soc. Brot. 13: 150-175. 1896.

* **Aspegren, Georg Casten** (1791-1828), Swedish botanist and government baker at Karlskrona. (*Aspegren*).

HERBARIUM and TYPES: LD, GB (5 specimens), see also TL-2/1: 78.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 84 ("Gustaf Casten", b. 17 Aug 1791, Karlskrona, d. 11 Jul 1828, ib.); BM 1: 67 ("Gustaf Carsten"); GR p. 486; KR p. 61-62 ("Georg Casten"); PR 270-271 ("Gustaf Carsten"); TL-2/1: 78.

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 Fries, E.M., *Biogr. lex.* 1: 310-312. 1835 (biogr.).
 Hård av Segerstad, *Medd. Värml. naturhist. fören.* 1: 14, 28. 1928.
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 Scheutz, N.J.W., *Bot. Not.* 1863: 67.
 Sernander, J.R., *Sv. biogr. lex.* 388-389. 1920 (bibl.).
 Wittrock, V.B., *Acta Horti Berg.* 3(3): 4. 1905 (on portr.).

NOTE: TL-2/203: *Försök Blekinsk fl.* 1823. – *Further copies:* Almborn, B-S, LD, Bo Petersen.

Asplund, Erik (1888-1974), Swedish botanist, fil. mag. Uppsala 1913, amanuensis at the Botanical Laboratory Uppsala 1915-1920, Dr. phil. Uppsala 1920, "docent" ib. 1920-1927, fourth Regnell Scholar and assistant, later curator, at the Botanical Department, Natural History Museum, Stockholm 1926 [sic], specialist on the South American flora, explored e.g. Spitsbergen, Bolivia 1920-1921 and Ecuador and Peru 1920-1921, 1939-1941. (*Asplund*).

HERBARIUM and TYPES: S, further material in B, CAS, F, GH, M (lich.), NY, RM, UPS, US, W.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 4-5; BL 2: 459, 534-535, 539; GR p. 486; IH 2: 44; KR p. 62 (b. 9 Oct 1888); TL-2/4: see A.F. Regnell.

BIOFILE: Acosta-Solis, M., *Natural. y viajeros cient.* Ecuador 65-66, 123. 1968 (info. on coll. Ecuador, portr.).

Anon., *ÖBZ* 75: 196. 1926 (appt. S); *Hedwigia* 67: (163). 1927 (appt. S); *Bot. Not.* 109: 381. 1956 (expl. S. America); *Taxon* 23: 890. 1974 (d. 30 Jul 1974).

Fries, R.E., *Short hist. bot. Sweden* 42, 87, pl. 2. 1950.

Fuchs-Eckert, H.P., *Proc. Kon. Ned. Akad. Wetensch.* C 85(2): 223. 1982. (coll. *Isoetes* in Bolivia).

Funk, V.A. and Scott A. Mori, *Smithson. Contr. Bot.* 70: 3-4. 1989 (info. on Bolivian colls.).
 Lundqvist, Å., *Sv. bot. Tidskr.* 75: 301, 306, 308. 1981.

S.L., *Sv. män och kvinnor* 1: 151. 1942.

EPONYMY: *Asplundianthus* King & Robinson (1975).

19.651. *Beiträge zur Kenntnis der Flora des Eisfjordgebietes ...* Arkiv för Botanik ... 1919. Oct. (*Beitr. Fl. Eisfjordgeb.*).

Publ.: Shortly after 19 Dec 1918 (date of printing 19 Dec 1918, distributed in journal 28 Oct 1919, separate issue probably available late Dec 1918 or Jan 1919; *Nat. Nov.* Aug 1919), p. [1]-40. *Copies:* B, G, NY, U; IDC 8562 (122-123). – Issued as *Ark. Bot.* 15(14). 1919.

19.652. *Studien über die Entwicklungsgeschichte der Blüten einiger Valerianaceen ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1920. Qu. (*Stud. Valerian.*).

Publ.: 14 Mai-Jun 1920 (printed 14 Mai 1920; *Nat. Nov.* Mai 1921), p. [1]-66. *Copies:* B, G, U, US; IDC 542 (663-665). – Issued as *K. Sv. Vet.-Akad. Handl.* 61(3). 1920.

19.653. *Floran inom Garphytte Nationalpark ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) [1925]. Qu. (*Fl. Garphytte Nat.-Park*).

Publ.: 19 Dec 1925 – Jan 1926 (printed 19 Dec 1925), cover-t.p., p. [1]-35. *Copies:* B, U. – Issued as *K. Sv. Vet.-Akad. Skr. Naturskyddsår* no. 4. 1925.

19.654. *Contributions to the flora of the Bolivian Andes. I. Pteridophyta, Gymnospermae, Helobiae ...* Stockholm (Almqvist & Wiksells Boktryckeri-A.-B., ...) 1926. Oct. (*Contr. fl. Boliv. Andes*).

Publ.: Jun-Jul 1926 (date of printing 1 Jun 1926), cover-t.p., p. [1]-38. *Copies:* B, U; IDC 8562 (163). – Issued as *Ark. Bot.* 20 A (no. 7). 1926.

Asso del Rio, Ignacio Jordan de (1742-1814), Spanish encyclopedic scientist and lawyer, professor (law) at Saragossa, general consul for Spain in Bordeaux and the Netherlands, director of the Saragossa botanical garden, founder of the natural history cabinet of the Sociedad Aragonesa. (*Asso del Rio*).

HERBARIUM and TYPES: Some material at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 84; BL 2: 487; BM 1: 67-68; Colmeiro 1: clxii, clxxx; Dryander 3: 146; Frank 3(Anh.): 6; Hortus 3: 1187; IH 2: 44; Jackson p. 340; PR 273-274, ed. 1: 321-322; Rehder 1: 419; TL-2/4921, 9403, see P.A. Pourret; Tucker 1: 44, 130.

BIOFILE: Amoreux, P.J., *Mém. Soc. Linn. Paris* 1: 722-723. 1822 (corr. with Gouan).

Burdet, H.M. et al., *Candollea* 38(2): 692-693. 1983 (bibl. of botanical works; nomenclature of species not consistently binary).

Burdet, H.M. and T. Perret, *Candollea* 38(2): 701-702. 1983 (binary nomenclature of species not consistently applied).

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Greuter, W., *Taxon* 33(3): 493-495. 1984 (on the status of A's specific names; binominals valid under ICBN; in answer to Burdet et Perret 1983).

Lapeyrouse, P., *Hist. abr. pl. Pyren.* xxx. 1813.

Roldan, R., *Farmacogn. An. Inst. J. C. Mutis* 17(46): 381. 1957 (n.v.).

Willkomm, M., *Grundz. Pfl.-Verbr. Iber. Halbinsel* 5, 23. 1896 (*Veg. Erde* 1).

COMPOSITE WORKS: (1) Translated into Spanish P. Loeffling, *Iter hispan.*, TL-2/4921 in *Anal. Ci. nat.* 3: 278-315, 4: 158-191, 5: 82-104. 1801-1802.

19.655. *Synopsis stirpium indigenarum Aragoniae ... est igitur cognito naturalis patriae praeferenda exterarum regionum contemplationibus Linnaeus Amoen. Acad. vol. 1. pag. 1. ... Massiliae [Marseille] 1779. Qu. (Syn. Stirp. Aragon.).*

Publ.: 1779, p. [i]-xxiv, [1]-160, [1-14 indices], *pl. i-ix* (uncol. copp. engr.). *Copies*: G, M, MO, NY; IDC 5536. – See Burdet and Perret (1983) for the status of A's nomenclature of species: binary nomenclature not consistently applied, but see also Greuter 1984 (A's binary names to be accepted). – The copy at MO has two different sets of p. 159/160 (second set possibly identical with p. 159-160 of *Mantissa?*).

Mantissa: 1781, p. [i-vii], 159-184, [185], *pl. x-xi*. *Copy*: G. (photocopy).

19.656. *Introductio in oryctographiam et zoologiam Aragoniae. Accedit enumeratio stirpium in eadem regione noviter detectarum ... s.l. 1784. Oct. (Intr. oryctogr. Aragon.).*

Publ.: 1784, p. [1]-10, zoology: 11-154, botany: [155]-183, zoology 184-192, *pl. 1-6* (of which 4-5 bot.). *Copy*: G (photocopy).

Atchley, Shirles Clifford (c. 1871-1936), British botanist, longtime translator with the local rank of a First Secretary at the British Legation, Athens, Greece. (*Atchley*).

HERBARIUM and TYPES: BM, K (ca. 4000 specimens from Greece).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 85; Desmond p. 21-22 (d. 20 Jun 1936, Mt. Kyllene, Greece); IH 2: 44.

BIOFILE: Turrill, W.D., *Kew Bull.* 1936(5): 336-337. 1936 (obit., see also "The Times" 22 Jun 1936).

19.657. *Wildflowers of Attica ... Oxford (at the Clarendon Press) 1938. Qu. (Wild fl. Attica).* *Editor*: William Bertram Turrill (1890-1961), see TL-2/6: 552-553.

Publ.: Jul-Dec 1938 (preface by editor dated on p. [2]; Jun 1938; *Nat. Nov. Apr* (1,2). 1939),

p. [i], frontisp., [liii]-xix, 1-59, [60], *pl. 1-21* (col., by W.O. Everett). *Copies*: B, G, L, MO, NY. *Publ.*: Anon., *Kew Bull.* 1939(1): 45-46. 15 Feb 1939 (rev.).

Athanasius, Eustathius (fl. 1794), Greek physician who studied at the University of Halle, Dr. med. ib. 1794. (*Athanasius*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 69.

19.658. *Historiae radices Scillae marinae physico-medicae specimen I. Quod consensu medicorum ordinis in Alma Fridericiana pro gradu doctoris rite capessendo, die xxiv septembris mdcccxciv publice defendet ... Halae [Halle] (Typis Batheanis) [1794]. Qu. (Hist. rad. Scillae mar.).*

Publ.: 24 Sep 1794, p. [i-iv], [1]-48. *Copy*: B-S.

* **Atkinson, George Francis** (1854-1918), American botanist and entomologist, studied at Olivet College 1878-1884, graduated at Cornell University 1885, assistant professor of entomology and zoology at the University of North Carolina 1885-1886, subsequently professor of entomology 1886-1888, professor of botany and zoology as well as botanist to the Agricultural Experiment Station at the University of South Carolina 1888-1889, professor of biology at the Alabama Polytechnic Institute with Auburn University 1889-1892, to Cornell University as assistant professor of cryptogamic botany 1892-1893, associate head of the department of botany ib. 1896-1918, died of pneumonia during a field trip Tacoma Washington 1918. (*Atk.*).

HERBARIUM and TYPES: CUP (26.100), further material at B, CGE, CU, NY, WS. – Field notes at CUP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 86 (b. 26 Jan 1854, Raisinville Mich., d. 14 Nov 1918, Tacoma, Wash.; further biogr. refs.); BM 1: 69, 6: 38; Bossert p. 16; Bret. p. 715 (note), 773; CSP 13: 191-192; DSB 1: 407-408; Ewan ed. 2: 8; IH 2: 44; Kew 1: 94; Lenley p. 11; LS 1243-1303, 30.682-30.713, 33.147, 40.906-40.907; LS suppl. 1323-1344, 8099; NAF 1(1): 153, 9(6): 427, 7(15): 1049, ser. 2. 5: 232; NW p. 39; Rehder 1: 92, 3: 195, 415, 431; TL-2/1: 78-79; Urban-Berl. p. 273.

BIOFILE: Ainsworth, G.C. and G.R. Bisby, *Dict. fungi* ed. 6. 49. 1971.

Anon., *Bot. Centralbl.* 52: 287. 1892 (succeeded Dudley at Ithaca), 66: 80. 1896 (ord. prof.); *J. Mycol.* 9: opp p. 217. 1903 (portr. with autograph); *Amer. men sci.* ed. 1. 11. 1906; *Fern J.* 9(2): 61-62. 1919 (obit. not.); *Bot. Not.* 1919: 166.

Atkinson, G.F., [letters to N.L. Britton, mainly on North American Flora and nomenclature, at NY].

Britton, N.L., *Bull. Torrey bot. Club* 21(5): 230-231. 1894 (announcement of “A new systematic botany of North America”, A. among the editors; not realized in this way; plan later realized as North American flora).

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- Wittrock, V.B., Acta Horti Berg. 3(3): 191, 205, pl. 147. 1905 (portr.).
- 19.659.** *Steps toward a revision of the lino sporous species of the North American graminicolous Hypocreaceae ...* (Reprinted from the Bulletin of the Torrey Botanical Club ...) 1894. Oct.
Publ.: 25 Mai 1894 (in journal), p. [222]-225. *Copy*: B. – Reprinted and to be cited from Bull. Torrey bot. Club 21(5): 222-225. 1894.
- 19.660.** *Some fungi from Alabama collected chiefly during the years 1889-1892 ...* Ithaca, N.Y. (Andrus & Church) 1897. Oct. (*Some fungi Alabama*).
Publ.: 25 Jun 1897 (date on p. 50), p. [i-ii], [1]-50. *Copies*: MO, NY. – Issued as Bull. Cornell Univ., Sci. 3(1). 1897.
- 19.661.** *Some wood-destroying fungi ...* Special Report no. 9 [Geological Survey of Louisiana Report 1899]. Oct.
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- 19.662.** *Studies of some tree-destroying fungi ...* A lecture delivered before the Massachusetts Horticultural Society ... 1901. Oct. (*Stud. tree-destr. fungi*).
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- 19.663.** *Studies of American fungi* – ed. 1. 1900, see TL-2/205.
Ed. 2: Sep 1901, facsimile edition Hafner Publishing Company, New York 1961, p. [i*], col.-frontisp., [i]-vii, [viii], [1]-322, pl. 1-86 (frontisp. is pl. 1, nos. 2-86 uncol. phot.). *Copy*: L.
- 19.664.** *The genus Harpochytrium in the United States ...* Annales Mycologici ... 1903. Oct.
Publ.: Nov 1903 (in journal), p. [479]-502, pl. 10 (uncol. drawing auct.). *Copy*: B. – Reprinted and to be cited from Ann. Mycol. 1(6): 479-502, pl. 10. 1903.
- 19.665.** *Note on the genus Harpochytrium ...* Reprinted from the Journal of mycology ... 1904. Oct.
Publ.: Jan 1904 (in journal), p. [3]-8, pl. 72 (uncol. drawing auct.). *Copy*: B. – Reprinted and to be cited from J. Mycol. 10: 3-8, pl. 72. 1904.
- 19.666.** *Relation of plants to the environment* (or plant ecology). Outline of a course of lectures delivered in the summer school of Cornell University 1903 and 1904 ... Ithaca, N.Y. (Published by the author) 1904. Oct. (*Relat. pl. environm.*).
Publ.: Jun 1904 (date on t.p.), t.p., p. [1]-67, [68]. *Copy*: MO.
- 19.667.** *The genera Balansia and Dothichloe in the United States with a consideration of their economic importance ...* [Reprinted from the Journal of Mycology ... 1905]. Oct.
Publ.: Nov 1905 (in journal), p. [i, recto of 248], [248]-267, pl. 81-88 (uncol. phot.), correction slip pasted on p. 249. *Copies*: B(2), L. – Reprinted and to be cited from J. Mycol. 11: 248-267. 1905.

- 19.668.** *Life history of Hypocrea alutacea* .. Printed at the University of Chicago Press ... 1905. Oct.
Publ.: Dec 1905 (in journal), cover-t.p., p. 401-417, *pl. 14-16* (uncol. phot.). *Copies*: B(2), L. – Reprinted and to be cited from *Bot. Gaz.* 40: 401-417. 1905.
- 19.669.** *A college text-book of botany* being an enlargement of the author's "Elementary botany" ... New York (Henry Holt and company) 1905. Oct. (*College text-book bot.*).
Publ.: 1905, frontisp., p. [i]-xvi, [1]-737. *Copy*: NY.
- 19.670.** *The development of Agaricus campestris* ... [Chicago, Ill.] (printed at the University of Chicago Press) 1906. Oct.
Publ.: Sep 1906 (date on cover-t.p.; journal issue for Oct, see p. 241), cover-t.p., p. 241-264, *pl. 7-11* (uncol. phot.). *Copies*: B, L. – Reprinted or preprinted from *Bot. Gaz.* 42(4): 241-264, *pl. 7-11*. 1906.
- 19.671.** *On the identity of Polyporus "applanatus"* of Europe and North America ... Berlin (R. Friedlaender & Sohn) 1908. Oct.
Publ.: 31 Jul 1908 (in journal), cover-t.p., p. [179]-191, *pl. 2-4* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from *Ann. Mycol.* 6(3): 179-191, *pl. 2-4*. 1908.
- 19.672.** *Observations on Polyporus lucidus* Leys, and some of its allies from Europe and North America ... [Chicago] (printed at the University of Chicago Press) 1908. Oct.
Publ.: Nov 1908 (in journal), cover-t.p., p. 321-338, *pl. 19* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Bot. Gaz.* 46: 321-338, *pl. 19*. 1908.
- 19.673.** *Motions proposant des articles additionels sur la nomenclature des champignons présentées au IIIe Congrès International de Botanique à Bruxelles, 14-22 Mai 1910. Motions relating to the rules for nomenclature of the fungi* proposed for action at the 3rd International Botanical Congress at Brussels, 14-22 Mai, 1910. Ithaca, New York, U.S.A. [1909]. Oct. (*Motion rules nom. fungi*).
Publ.: Mar 1909 (p. 13: 11 Mar 1909), p. [1]-13. *Copies*: FAS(2), L. – The names of 26 American botanists supporting these proposals are listed on p. 8 and 13.
- 19.674.** *The origin and taxonomic value of the veil in Dictyophora and Itiphallus* ... [Chicago, Ill.] (Printed at the University of Chicago Press) 1911. Oct.
Publ.: Jan 1911, (in journal; *Nat. Nov.* Feb (2) 1911), cover-t.p., p. 1-20, *pl. 1-7* (uncol. phot.). *Copies*: B, L. – Reprinted and to be cited from *Bot. Gaz.* 50: 1-20, *pl. 1-7*. 1911.
- 19.675.** *The development of Agaricus arvensis and A. comtulus* ... Reprinted from the *American Journal of Botany* ... 1914. Oct.
Publ.: Jan 1914 (in journal), cover-t.p., p. 3-22, *pl. 1-2* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Amer. J. Bot.* 1: 3-22, *pl. 1-2*. 1914.
- 19.676.** *The development of Lepiota clypeolaria* ... Berlin (R. Friedlaender & Sohn) 1914. Oct.
Publ.: 30 Jun 1914 (in journal), cover-t.p., p. [346]-356, *pl. 13-16* (uncol. phot.) *Copies*: L(2). – Reprinted and to be cited from *Ann. Mycol.* 12(3): 346-356, *pl. 13-16*. 1914.
- 19.677.** *The development of Amanitopsis vaginata* ... Berlin (R. Friedlaender & Sohn) 1914. Oct.
Publ.: 31 Aug 1914, cover-t.p., p. [369]-392, *pl. 17-19* (uncol. phot.). *Copies*: L(2). – Reprinted and to be cited from *Ann. Mycol.* 12(4): 369-392, *pl. 17-19*. 1914.
- 19.678.** *Homology of the "universal veil" in Agaricus* ... [Abdruck aus Mycologisches Centralblatt ... Jena (Verlag von Gustav Fischer) 1914]. Oct.
Publ.: 1914, cover (identif.), p. [13]-19, *pl. 1-3* (uncol. phot.). *Copy*: L. – Reprinted and to be cited from *Mycol. Centralbl.* 5: 13-19, *pl. 1-3*. 1914.

19.679. *Phylogeny and relationships in the Ascomycetes* ... Reprinted from *Annals of the Missouri Botanical Garden* ... 1915. Oct.

Publ.: Feb-Apr 1915 (in journal), cover-t.p., p. 315-376. *Copies*: B, L. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 2: 315-376. 1915. – Paper read at the 25th anniversary celebration of MO, 16 Oct 1914.

19.680. *Morphology and development of Agaricus Rodmani* ... Reprinted from *Proceedings of the American Philosophical Society* ... 1915. Oct.

Publ.: Sep 1915 (in journal), cover-t.p., p. [309]-343, *pl.* 7-13 (uncol. phot.). *Copies*: L(2). – Reprinted and to be cited from *Proc. Amer. Philos. Soc.* 54(219): 309-343, *pl.* 7-13. 1915.

19.681. *Origin and development of the lamellae in Coprinus* ... Reprinted for private circulation from *The Botanical Gazette* ... 1916. Oct.

Publ.: Feb 1916, cover-t.p., p. 89-130, *pl.* 5-12 (uncol. phot.). *Copies*: L(2). – Reprinted and to be cited from *Bot. Gaz.* 61(2): 89-130, *pl.* 5-12. 1916.

19.682. *The development of Lepiota cristata* and *L. seminuda* ... Reprinted ... from *Memoirs of the New York Botanical Garden* ... 1916. Oct.

Publ.: 31 Aug 1916 (in journal), cover-t.p., p. 209-228, *pl.* 21-26 (uncol. phot.). *Copies*: L(2). – Reprinted and to be cited from *Mem. New York Bot. Gard.* 6: 209-228, *pl.* 21-26. 1916.

Attema, Jean Joseph (fl. 1901), Dutch pharmacist and botanist, Dr. pharm. Groningen 1901. (*Attema*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Tucker 1: 44.

19.683. *De zaadhuid der Angiospermae en Gymnospermae en hare ontwikkeling*. Proefschrift fer verkrijging van den graad van Doctor in de Artsenijbereidkunde, aan de Rijksuniversiteit te Groningen, ... tegen de bedenkingen der Faculteit in het openbaar te verdedigen op Donderdag 14 Maart 1901, ... 's Gravenhage (Gedrukt bij de Swart en Zoon) [1901]. Oct. (*Zaadhuid Angiosp.*).

Publ.: 14 Mar 1901 (date of defense thesis), cover-t.p., p. [i*, iii*], [i]-xvi, 1-211, [212]. *Copy*: L.

Aubert, Pierre-Léonce (fl. 1873), French (Charente) pharmacist, studied at the École pratique des hautes études pour la section de chimie et de botanique, Dr. pharm. Paris 1873. (*Aubert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 2: 103, 104, 3: 350; Tucker 1: 44.

19.684. *Organographie de la fleur dans le genre Salix* et étude sur les saules et la salicine au point de vue botanique, chimique et thérapeutique. Thèse pour le diplôme de pharmacien de première classe présentée et soutenue à l'École Supérieure de pharmacie de Paris le 23 Décembre 1873 ... Paris (F. Pichon, ...) 1873. Oct. (*Organogr. fleur Salix*).

Publ.: 23 Dec 1873 (date of defense thesis), cover-t.p., p. [1]-86, [87]. *Copy*: G.
Ref.: Anon., *Bull. Soc. bot. France* 21 (Bibl.): 225. 1875.

Aubert, Samuel (fl. 1900), Swiss highschool teacher and botanist, Dr. phil. Zürich 1901, student of C.J. Schröter, science teacher at the Collège industrial, Le Sentier. (*S. Aubert*).

HERBARIUM and TYPES: Unknown; if any at Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 88; BL 2: 590, 624; Rehder 1: 438, 3: 89, 426.

19.685. Étude monographique. *La flore de la Vallée de Joux*. Dissertation présentée à la Faculté de Philosophie, IIe Section, de l' Université de Zürich pour l' obtention du grade de Docteur ... Lausanne (Imprimerie Corbaz & Cie.) 1901. Oct. (*Fl. Vallée Joux*).

Publ.: Dec 1900 (p. 328 dated Le Sentier, avril 1900; cover of journal issue dated Dec 1900), p. [i-vii], [327]-741, *pl.* 15-20 (15: map, 16: uncol. lith., 17-20: phot.). *Copies*: G. NY. – Preprinted from Bull. Soc. Vaud. Sci. nat. 36(138): 327-741, *pl.* 15-20. 1900. – See BL 2: 590. *Nouvelles notes* sur la Flore de la Vallée de Joux: Mar 1900, Bull. Soc. Vaud. Sci. nat. 36: 16-22. 1900.

Supplement (1): 1904, cover-t.p., p. 21-24. *Copies*: G, U. – *Notes complémentaires* sur la flore de la Vallée de Joux, Bull. Soc. Vaud. Sci. nat. 40(149): 21-24. 1903.

Supplement (2): 1931, p. [237]-244. 1931. *Copy*: U. – Issued as Bull. Soc. Vaud. Sci. nat. 57(226). 1931. “Additions et observations relatives à la Flore de la Vallée de Joux”.

Further additions and notes: See BL 2: 590.

* **Aublet, Jean Baptiste Christophe Fusée** (1720-1778), French botanist, studied botany and pharmacy at the University of Montpellier, went to Lyon and entered the service of the army hospitals, later in Paris studying chemistry and botany (with Bernard de Jussieu), accepted a State appointment 1752 as pharmacist stationed at Mauritius (Île de France) arriving 1753 and leaving for Paris 1761, sent to Guyana 1762-1764, briefly staying at St. Domingo 1764, returning to France 1765, working on his *Histoire des Plantes de la Guiane française* 1765-1775. (*Aubl.*).

HERBARIUM and TYPES: See TL-2/1: 79 for details on the sale and dispersion of his herbarium; material at BM (p.p. orig.), BR, F, LINN, LIV, MO, MPU, P (p.p. orig.), P-JU, P-LA, S, W. – Original drawings mainly at BM.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 46; Barnhart 1: 88 (b. 4 Nov 1720, Salon, Provence, France, d. 6 Mai 1778, Paris); BM 1: 70; Dawson p. 24, 567, 709, 837; Frank 3(Anh.): 6; GR p. 278; IF p. 675; IH 1 (ed. 6): 355, 2: 45; Kew 1: 96; Lasègue p. 473-474; LS 1309; NAF 28B(2): 117; NI 54; Plesch p. 130; PR 277; Rehder 1: 338; SO add. 664, 664c; TL-1: 9-10; TL-2/1: 79-80, see R.M. Schomburgk; Zander ed. 10, p. 629, ed. 11, p. 715.

BIOFILE: Anon., *Nouv. Biogr. Univ. Didot* 3: 579. 1852; Liste de plantes de la Guyane rapportées par F. Aublet conservées dans l' hercier de M. de Tristan à Orleans, 8 p., s.d. (typescript at P, copy libr. FAS; the Tristan coll. is now also at P).

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Burdet, H.H. and P. Perret, *Candollea* 38: 699-707. 1983 (on status of A's binominals and ICBN 23.6; see also Greuter 1984).

Cook, O.F., *J. Washington Acad. Sci.* 30(7): 294-299. 1940 (“A. the botanist, a pioneer against slavery, with a memorial genus [*Ethnora* to symbolize the interest of A. in the racial problems] of Palms”, *Ethnora* figures on the frontispiece of the *Hist. pl. Guiane*).

Durham, F.R., *Kew Bull.* 1919(6/7): 280-281. 1919 (A. on Île de France).

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 315. 1877.

Friis, I. et al., *Taxon* 33: 495-496. 1984 (on status of A's binary names).

Greuter, W., *Taxon* 33: 493-495. 1984 (A's binominals valid; in answer to Burdet and Perret 1983).

Hallier, H., *Meded. Rijks Herbarium* 35: 1-33. 1918 (on A's genera of uncertain or unknown status).

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Lanjouw, J. and H. Uittien, *Rec. Trav. bot. néerl.* 37: 133-170, *pl.* 1-4. Mai 1940 (on the A. material in the Denaiffe herbarium now at P, list of types; notes on other sets of A's plants).

Leandri, J., *Adansonia ser.* 2. 8(2): 137-146. 1968 (many biographical details; notes on his

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- Sandwith, N.Y., Kew Bull. 17: 257-261. 1963-1964 (Notes on some A.-types in the Paris herb.).
- Smit, P. and R.J.Ch.V. ter Laage, Essays in biohistory, Regn. veg. 71. 1970 (see index).
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- Stafleu, F.A., Introd. facs. repr. Jussieu (1789), p. xxxiv. 1964; Linnaeus and the Linnaeans 282-286, 336. 1971.
- Urban, I., Symb. ant. 3: 18. 1902.
- Zarucchi, J.L., J. Arnold Arb. 65: 215-242. 1984 (on treatment of A's generic names in past and present).

NOTE: His *Hist. pl. Guiane* (TL-2/206) now also on IDC microfiche (IDC 5449). – Further copies seen: HH, MO.

Aubouy, [Fulcran] Antonin [Édouard] (fl. 1871-1903), French botanist and school-teacher at Aniane and Lodève, later director of a school in Montpellier, general secretary of the Société d' Horticulture et d' Histoire naturelle de l' Hérault, Montpellier. (*Aubouy*).

HERBARIUM and TYPES: MPU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 88; BL 2: 164; BM 1: 70; CSP 13: 196; Jackson p. 285, 286; LS 30716; Rehder 1: 414, 5(index): xxii; Tucker 1: 45.

BIOFILE: Anon., Monde des Plantes 7: 73. 1898; Bull. Acad. int. Géogr. bot. 12: 257. 1 Jun 1903, 13: 10. 1904, 19: 5. 1909.

Granel de Solignac, L. et al., Natural. monspél. sér. Bot. 18: 276. 1967, 26: 29. 1977 (herb. in MPU).

19.686. *Nouvelles notes sur la flore de Lodève ...* [Montpellier, imprimerie Gras 1871]. Oct. *Publ.*: 1871 (p. 16: 10 Apr 1871), p. [1]-16. *Copy*: G. – Reprinted and to be cited from Ann. Soc. Hort. Hist. nat. Hérault (n.v.).

19.687. *Catalogue des plantes vasculaires de l' arrondissement de Lodève ...* Montpellier (Imprimerie centrale du Midi ...) 1874. Oct. (*Cat. pl. vasc. Lodève*).

Publ.: 1874, p. [1]-124. *Copy*: BR. – Issued as an independently paginated addition to Ann. Soc. Hort. Hist. nat. Hérault 1873 (publ. 1874). Paper not finished; breaks off in Scopulariaceae. See also BL 2: 164 and his *Nouvelle notes* 1871 (above).

19.688. *Deux herborisations dans le département de l' Hérault ...* Montpellier (Imprimerie central du Midi ...) 1875. Oct. (*Deux herbor.*).

Publ.: 1875 (p. 29 mss. dated 15 Jun 1874; Bull. Soc. bot. France post 20 Aug 1875), p. [1]-29. *Copies*: G, NY.

Ref.: Anon., Bull. Soc. bot. France 22 (Rev. Bibl.): 102-103. 1875.

19.689. *Note sur quelques plantes étrangères recueillies à Lodève* (Hérault) 1878. Oct.

Publ.: Jan-Jun 1878 (read 7-12 Mai 1877; mentioned 28 Jun 1878 in Session Soc. Bot. France), p. [1]-8. *Copy*: G. – Preprinted or reprinted from C.R. Assises rég. hist. nat. hort. Montpellier 7-12 Mai 1877.

19.690. *Florula de Palavas Hérault ou catalogue des plantes vasculaires observées aux environs de cette localité ...* Auch (Imprimerie et lithographie G. Foix, ...) 1884. Oct. (in fours).

Publ.: 1884 (Bot. Zeit. 27 Mar 1885), cover-t.p., p. [1]-36. *Copy*: G. – Reprinted and to be cited from Rev. Bot. 3: 171-206. 1884.

19.691. *Herborisations à Murviel-lez-Montpellier* (Hérault). Deuxième herborisation suivie d'une florule du Vallon de Valcrose ... Montpellier (Imprimerie centrale du Midi ...) 1894. Oct. *Publ.*: 1894 (Bot. Centralbl. 28 Aug 1894), cover-t.p., p. [i-iii], [1]-27. *Copy*: G. – Preprinted or reprinted from Ann. Soc. Hort. Hist. nat. Hérault (1894) (n.v.). – Preceded by *Herborisations à Murviel* ... [Première] Herborisation ... Fontvalès, Paris 1885, 29 p., n.v. (fide Bot. Zeit. 27 Mar 1885).

19.692. Contributions à la flore de Montpellier. *Plantes intéressantes* observées aux environs d'*Aniane* (Hérault) ... Toulouse (Imprimerie Viaelle et Co., ...) 1890. Oct. *Publ.*: Mai 1890 (in journal), p. [i], 291-301. *Copy*: G. – Reprinted and to be cited from Rev. Bot. 8: 291-301. 1890.

Aubréville, André (1897-1982), French botanist and Africa specialist; Ingenieur de l'École polytechnique 1922, at École des Eaux et Forêts, à Nancy 1922.1924, Chef des Services des Eaux et Forêts, Côte d'Ivoire 1925-1937, Inspecteur général des Services forestiers de la France d'Outre-Mer 1939-1955; director of the Laboratoire de Phanérogamie, Muséum d'Histoire naturelle Paris and professor at this institution 1958-1980. (*Aubréville*).

HERBARIUM and TYPES: P, further material at A, CHEV, MO.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 45.

BIOFILE: Aymonin, G., Bull. Soc. bot. France 130, Lettr. bot. 1983(3): 257-261 (obit., portr., b. 30 Nov 1897, d. 11 Aug 1982, biogr. refs.).

Bernardi, L., Musées de Genève 71: 15-18. 1967 (De Bougainville à A.).

Leroy, J.-F., AETFAT-Bull. 32: 42-43. 1983; Bull. Mus. natl. Hist. nat., Paris ser. 4. 5. 1983, section B; Adansonia no. 2. 123-140. 1983. (obit., une oeuvre immense et éblouissante ...).

Tardi, P. et al., André Aubréville, Membre de l'Académie des Sciences, [Paris] 1968, 56 p. (unidentified brochure publ. on the occasion of A's appointment Membre Acad. Sci., Paris, containing texts of speeches plus photographs).

19.693. *De quelques Sapotacées* de la Côte d'Ivoire ... [Bull. Soc. bot. France ... 1934]. Oct. *Co-author*: François Pellegrin (1881-1965), TL-2/4: 147-148.

Publ.: 1934, cover [ident.], p. [792]-800. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 81: 792-800. 1934.

19.694. *Rubiacées nouvelles d'Afrique occidentale* ... [Bull. Soc. bot. France ... 1936]. Oct.

Publ.: 1936, cover [ident.], p. [35]-41. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 83: 35-41. 1936.

19.695. *Rutacée et Méliacée nouvelles* de la Côte d'Ivoire ... [Bull. Soc. bot. France ... 1936]. Oct. *Co-author*: François Pellegrin (1881-1965), TL-2/4: 147-148.

Publ.: 1936, cover [ident.], p. [488]-491. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 83: 488-491. 1936.

19.696. *Rhizophoracées nouvelles* de la Côte d'Ivoire ... [Bull. Soc. bot. France ... 1936]. Oct. *Co-author*: François Pellegrin (1881-1965), TL-2/4: 147-148.

Publ.: 1936, cover [ident.], p. [704]-706. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 83: 704-706. 1936.

19.697. *La flore forestière de la Côte d'Ivoire* ... Paris (Larose éditeurs, ...) 1936. 3 vols. Qu. (*Fl. forest. Côte d'Ivoire*).

Ed. 1: 1936, 3 vols.

1: Sep-Dec 1936 (printing finished 10 Aug 1936 (on p. 311); Nat. Nov. Mar 1937), p. [iii]-viii, [1]-311, *pl. 1-123* (on uneven pages in text).

2: Sep-Dec 1936 (id., Nat. Nov. Mar 1937), p. [i-iv], [1]-296, [297-299], pl. 124-243 (on uneven pages in text).

3: Sep-Dec. 1936 (id., Nat. Nov. Mar 1937), p. [i-iv], [1]-285, [286-288], pl. 244-351 (on uneven pages in text).

Copy: G.

Ed. 2: 1959, 3 vols., revised. Copies: B, G, MO, NY, U. – Dépôt legal [1: Apr-Jun, 2: Jun, 3: Jun 1959]. – Publication no. 15 du Centre technique forestier tropical.

19.698. *Les espèces du genre Detarium* (Leg. Caesal.) en A.O.F. ... [Bull. Soc. bot. France ... 1937]. Oct.

Publ.: 1937, cover [ident.], p. [487]-494. Copy: G. – Reprinted and to be cited from Bull. Soc. bot. France 84: 476-494. 1937.

Aubry de la Mottraie (fl. 1801), French botanist at Vannes (Morbihan). (*Aubry*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 1310; PR 278, ed. 1: 316; Rehder 1: 400.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 315. 1877.

Haller, A. von, Bibl. Bot. 2: 110, 695. 1772.

19.699. *Exercice d'histoire naturelle*, à l'école centrale du Département du Morbihan, dédié à la Société libre d'Agriculture, du Commerce & des Arts, ... A Vannes (De l'Imprimerie de J.M. Galles) [1801-1803]. Qu. (*Exerc. hist. nat.*).

1: 1801 (read 29 Therm. an 9, is 17 Jul 1801), cover, p. [1]-75.

2: 1802 (read 29 Therm. an 10, is 17 Jul 1802), p. [1]-31.

3: 1803 (read 22 Trairial, an 11, is 11 Mai 1803), p. [1]-15, [17] (ichthol.), 19-26 (bot.).

Copy: G.

* **Aucher-Eloy, Pierre Martin Rémi** (1793-1838), French botanical explorer of the Orient, educated at a gymnasium at Blois, studied pharmacy in Orléans and, from 1812, at Paris, travelled and collected in Spain and S. France 1813-1814, in the "armée du Nord" 1814, continued his pharmaceutical studies at Blois 1815-1817, added Eloy, his wife's family name, to his own (Aucher) 1817, had a book shop in Blois from 1817, from 1820 also a printing shop, moved to Paris 1826, again owning a printing shop, moved to St. Petersburg 1829, went with the Turkish ambassador to Constantinople (to set up a Turkish-French newspaper), from then on collecting widely in the Orient 1830-1838, died at Ispahan, Iran. (*Aucher*).

HERBARIUM and TYPES: B, BP, BM, DBN, FI-W, G, G-DC, GOET, K, LE, MO, MPU, OXF, P (impt. set), PCU, P-CO, TCD, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 659, 6(2): 669; Barnhart 1: 89 (b. 2 Oct 1793, Blois, d. 6 Oct 1838, Tulfa, Ispahan); BM 1: 70; Clokie p. 123; Hegi 5(2): 1101; Hortus 3: 1187; IH 2: 45; Kew 1: 97; Lasègue p. 122, 124, 297, 298, 301, 314, 319, 409, 503; PR 279, corr. on p. 574, ed. 1: 348; Rehder 1: 478; TL-2/1: 80-81; Zander ed. 10, p. 629, ed. 11, p. 715.

BIOFILE: Blakelock, R.A. and E.R. Guest, Fl. Iraq 1: 109, 111. 1966.

Blatter, E., Rec. Bot. Surv. India 8(5): 464-465. 1933.

Bocquet, H.H., Candollea 27(2): 313-314. 1972 (handwriting samples).

Boissier, E., Ann. Sci. nat. ser. 2. 16 (Bot.): 347-377. 1841, 17: 45-90, 150-205, 378-390.

1841, ser. 3. 1: 120-151, 297-349. 1844, 2: 46-96. 1844 (first major taxonomic account of his colls.); Fl. Orient. 1: xv, xvii, xxi, xxiii, xxvii. 1867.

Candolle, Alph. de, Phytographie 393. 1880.

Clokie, H.N., Herbaria ... Oxford 123. 1964.

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 Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 315. 1877.
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 Jaubert, [Comte], *Relations de voyages en Orient de 1830 à 1838 v-xxxi*, Paris 1843; in *London J. Bot.* 3: 167-185. 1844 (English translation of preface to *Relations des voyages en Orient de 1830 à 1838 par A.-E.*, Paris 1843; biogr., detailed info.).
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 Mabblerley, D.J., *Jupiter botanicus* 343. 1985.
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 Schubert, G.H. von, *Biographien* 3: 134-155. 1847 (n.v., fide PR eds. 1 and 2, and ed. 2, p. 574).
 Steinberg, C.H., *Webbia* 32(1): 4, 17. 1977 (coll. at FI-W).
 Turrib, W.B., *Kew Bull.* 1930(7): 288 (had a companion in collecting around the Dardanelles: Coquebert de Montbret), 1937(4): 205 (colls. Athos; descr. by Boissier).
 Wagenitz, G., *Index coll. princ. herb. Gotting.* 16. 1982.
 White, A. and B.L. Sloane, *The Stapelieae* 1: 18, 96-97, 178, 206. 1937.

NOTE: *Relat. voy. Orient*, see TL-2/1: 81 (no. 208).

Audas, James Wales [Clarendon] (1872-1959), Australian (Victoria) botanist, educated at Grenville College, Ballarat, clerical assistant in the Titles Office, Melbourne 1890, met Ferdinand von Mueller and became interested in botany, herbarium assistant in the Department of the Chief Secretary Public Service 1897, from 1923-1927 senior botanist at the National Herbarium, Melbourne, collected widely in Victoria, Tasmania and Queensland 1908, Western Australia 1926, New South Wales 1932, New Zealand 1937. (*Audas*).

HERBARIUM and TYPES: MEL, further material at A, DBN, F, GB, K, L, MO, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 89; BL 1: 73-74; IH 2: 45.

BIOFILE: Hunt. Bot. Library, *Dict. bot. portrait coll.* 17. 1972 (b. 2 Dec 1872, d. 12 Oct 1959; portr. at HU).

Karg, A.T., *Taxon* 23(4): 613. 1974 (biogr. sketch at HU).
 Willis, J.H., *Vict. Naturalist* 66: 124. 1949 (brief biogr. note).

COMPOSITE WORKS: (1) With P.F. Morris, *Suppl. weeds Victoria*, see TL-2/6350.

OUTSIDE OUR PERIOD: *The Australian Bushland*, North Melbourne (W.A. Hamer Pty. Ltd.) 1950, vii, 712 p. (*Copy*: U.).

19.700. *The true clovers naturalized in Victoria ...* Reprinted from the Journal of the Department of Agriculture of Victoria ... 1921. Oct.

Publ.: Nov 1921 (date on reprint), p. [1]-11. *Copy*: L. – Reprinted and to be cited from J. Dept. Agric. Victoria 1921 (n.v.).

19.701. *Plant immigrants ...* Reprinted from the Journal of the Department of Agriculture of Victoria ... 1925. Oct.

Co-author: Patrick Francis Morris (1899-1974), TL-2/3: 596.

Publ.: Feb 1925 (reprint so dated), p. [1]-3. *Copy*: L. – Reprinted and to be cited from J. Dept. Agric. Victoria 23(2): 109-111. 1925.

19.702. *Flora of Victoria ...* Reprinted from the Victorian Year Book 1924-1925. Oct.

Publ.: 1925, p. [13]-24. *Copy*: L. – Reprinted and to be cited from Victorian Year Book 1924-25: 13-24.

Follow-up: 1928, p. [3]-19. *Copies*: G, L. – Reprinted and to be cited from id. 1927-29: 3-19.

19.703. *Plants introduced from abroad ...* Melbourne 1925. Oct.

Publ.: 1925, p. [1-16]. *Copy*: L. – Reprinted from *Save Australia: a plea for the right of our flora and fauna*, ed. Sir James Barrett (n.v.).

19.704. *The flora of the Black Range ...* Reprinted from the *Victorian Naturalist ...* 1928. Oct.

Publ.: Apr 1928 (in journal), p. 341-345. *Copy*: G. – Reprinted and to be cited from *Victorian Naturalist* 44: 341-345. 1928.

19.705. *The Grampians. Geology, flora and general characteristics ...* from the *Ararat Advertiser ...* 1928. (One sheet).

Publ.: 3 Nov 1928 (in newspaper), [1] (sheet: text 45 x 11.5 cm). *Copies*: B, G. – Reprinted from the *Ararat Advertiser*, Saturday, 3rd November 1928.

19.706. *General observations on the Australian flora ...* s.l. 1929. Oct. (format). (*Gen. obs. Austral. fl.*).

Publ.: 2 Jun 1929 (date on p. 1), p. [1]-23, [24, imprint]. *Copies*: B, G, L. – Australian Association for the Advancement of Science, Hobart session, 1928, read 17 Jan 1928.

19.707. *A botanist in the Blue Mountains ...* Reprinted from “The Victorian Naturalist” ... 1932. Oct.

Publ.: Dec 1932 (in journal), t.p., p. [i, recto of 200], 200-202. *Copy*: L. – Reprinted and to be cited from *Victorian Naturalist* 49: 200-202. 1932.

19.708. *Australian vegetation ...* London 1933. Oct.

Publ.: Mai 1933 (date on cover-t.p.), cover-t.p., p. [1-7]. *Copies*: B, G, L. – Reprinted from *The Science Forum*, London 1933 (n.v.).

19.709. *Native trees of Australia ...* Melbourne, Sydney, Perth, Geelong (Whitcombe & Tombs ...) 1935. Oct. (*Native trees Austr.*).

Publ.: 1935 (Nat. Nov. Apr 1936), p. [i-iv], [1]-396, 8 unnumb. col. pl. *Copy*: L.

Prospectus: 1935, p. [1-4]. *Copy*: L.

Audibert, Urbain (1791-1846), French nurseryman and botanist at Tonelle, Tarascon (Dépt. Bouches-du-Rhône), collected in Corsica with Requier (1822). (*Audib.*).

HERBARIUM and TYPES: Ca. 100 specimens in herb. Steven at H.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 33; Barnhart 1: 89; Hortus 3: 1187; PR ed. 1: 349; Rehder 1: 57, 3: 322, 369.

BIOFILE: Anon., *Flora* 30(1): 16. 1847 (d. 22 Jul 1846 at Tarascon).

Fuchs-Eckert, H.P., *Proc. Kon. Ned. Akad. Wetensch.* C 85(2): 206. 1982.

19.710. *Catalogue des végétaux de tous genres, cultivés dans les jardins et pépinières du Sieur Audibert, aîné marchand grainetier et pépiniériste, à Tonelle, près Tarascon (Département des Bouches-du-Rhône). A Tarascon (de l'Imprimerie d'Élisée Aubanel, ...) 1817. Qu. (Cat. vég. Audibert).*

Publ.: 1817, p. [i-ii], [1]-46. *Copy*: WU.

Audouit, Edmond (fl. 1847), French naval physician. (*Audouit*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 89; BM 1: 71; NI 54n; PR 282-283.

19.711. *L'Herbier des demoiselles* ou traité complet de la botanique présentée sous une forme nouvelle et spéciale ... Paris (A. Allouard ...) 1847. Oct. (*Herb. demoiselles*).

Ed. 1: 1847, frontisp., p. [i-vi], [1]-448 with text figs. of which some col. *Copy:* NY. – Has an atlas, Qu., 121 col. pl. (see NI 54n). – Issued in “livraisons” from 1846-1847 (20 livr. announced).

Ed. 3: 1848, frontisp., p. [i-vi], [1]-475, id. *Copy:* NY.

Nouvelle édition: 1865 (fide PR 283), viii, 167 p., 122 col. pl., (n.v.).

Id.: 1867, fide BM(NH) 1: 71 (q.v.).

Pirated edition by Edmond de Séigny, *Abrégé des principes de botanique* 1848, fide BM(NH) (q.v.).

19.712. *Les plantes curieuses* ... Paris (Alphonse Desesserts, ...) [1850]. Oct.[?].

Publ.: 1850, p. [i*-v*], [i]-iii, [1]-270. *Copy:* NY.

Auer, Auvo Vilho (1909-1945), Finnish botanist in Turku, studied ib. 1928, Mag. phil. 1935, highschool teacher. (*Auer*).

HERBARIUM and TYPES: H, TUR.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 64; GR p. 614 (b. 8 Jul 1909, d. 23 Mar 1945), pl. [41]; LS suppl. 1: 1357.

19.713. *Tietoja Sphagnum-lajien levinneisyydestä ja kasvupaikkojen luonteesta Varsinais-Suomessa*. – Helsinki 1937. Oct.

Publ.: 1937, p. [i-ii], [1]-[21]. *Copies:* G, U. – Issued as Ann. bot. Soc. zool.-bot. Fenn. Vanamo 9(5). 1937. German summary on p. [21].

* **Auerswald, Bernhard** (1818-1870), German (Saxonian) botanist (mycologist) in Leipzig, educated at the Fürstenschule, Meissen, studied medicine (1839), subsequently paedagogics and botany (with G. Kunze) at the University of Leipzig; private teacher and later highschool teacher in Leipzig, from ca. 1850 mainly active as a botanist. (*Auersw.*)

HERBARIUM and TYPES: BM (17.000, orig. herb.), further material in B (exsicc., plus large part of his herb.), GFW, GOET, GZU, IBF, LE, M, REG, WRSL (alg., fungi).

BIBLIOGRAPHY and BIOGRAPHY: ADB 1: 644-645; Barnhart 1: 1: 90 (b. 19 Mar 1819, d. 30 Jun 1870); BM 1: 71-72; CSP 1: 121, 7: 58; DTS 1: 11-12; Frank 3(Anh.): 6; GR p. 2; GR, cat. p. 60; IH 2: 45; Jackson p. 294; LS 1323-1343; NAF 7(15): 1049, 11(1): 87; PR 284-286; Rehder 1: 384; TL-2/1: 81, see also TL-2/8445; Urban-Berl. p. 273.

BIOFILE: Anon., Bot. Not. 1871: 40 (d.); Bot. Zeit. 28: 488 (d. 30 Jun 1870), 600 (his colls. for sale) 1870; ÖBZ 20: 252. 1870 (d. of tuberculosis).

Hertel, H., Mitt. Bot. Staatssamml. München 16: 342. 1980 (lich. coll. at M), 26: 112, 125, 126, 136, 147, 200. 1988 (coll. at M).

Ilg, W., Hoppea 42: 99. 1984 (Regensb. bot. Ges., fungi).

Kohlmeyer, J., Willdenowia 3(1): 67, 68. 1962 (exsicc. in B).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (letter to Kerner in UPS-UB).

Murray, G., Hist. coll. nat. hist. depts. Brit. Mus. 1: 131. 1904 (herb., 17.000, purchased 1871).

Pieschel, E., S.B. Abh. naturw. Ges. Isis, Dresden 1927-1928: 60, 61. 1929 (much of A's herb. material to B via the Winter herb.).

Potzta, E., Willdenowia 3(1): 37. 1962 (mycol. herb. in B, extant).

Richter, P.G., Hedwigia 9: 128. 1870.

Rostánski, K., Acta Univ. Wratisl. 134 (Bot. 12): 70. 1973 (herb. material also in WRSL).

Stojanowska, W., Acta Univ. Wratisl. 134 (Bot. 12): 89, 111. 1973 (herb. material WRSL);

Kat. Zieln. Inst. Univ. Wroclaw 5, 81. 1976 (algae WRSL).
 Wagenitz, G., Index coll. princ. herb. Gotting. 16. 1982.
 Wittrock, V.B., Acta Horti Berg. 3(3): 118. 1905 (on portr.).

COMPOSITE WORKS: (1) *Synopsis Pyrenomycetum Europaeorum*, in G.L. Rabenhorst, *Mycologia europaea* Heft 5-6 (Pyrenomycetes). 1869, see TL-2/8445.

19.714. *Botanische Unterhaltungen zum Verständniss der heimatlichen Flora ...* Leipzig (Hermann Mendelssohn) 1858. Oct. (*Bot. Unterhalt.*).

Co-author: of ed. 1: Emil Adolf Rossmässler (1806-1867), see TL-2/4: 905-907.

Ed. 1: 1856-1858, in 6 "Lieferungen" 1856-1858.

1: Jan-Jul 1856 (ÖBW 25 Dec 1856, *Bot. Zeit.* 21 Aug 1856 (rev.)), p. [1]-80, *pl.* 1-8.

2: Jul-Nov 1856 (ÖBW 25 Dec 1856, *Bot. Zeit.* 12 Dec 1856), p. 81-160, *pl.* 9-16.

3: Jul-Nov 1856 (ÖBW 25 Dec 1856, *Bot. Zeit.* 12 Dec 1856), p. 161-240, *pl.* 17-24.

4: Jan-Jul 1857 (ÖBW 6 Aug 1857), p. 241-320, *pl.* 25-32.

5: Jan-Jul 1857 (ÖBW 6 Aug 1857), p. 321-400, *pl.* 33-40.

6: Jan-Apr 1858 (ÖBZ 1 Mai 1858), dated in rev. "1857", p. iv signed Sep 1857), p. [i]-viii, 401-510, [511], *pl.* 41-48.

Preface material: Jan-Apr 1858, p. [i]-viii, included in Lieferung 6, see above.

Copies: B-S, L, NY. – Russian translation (fide Rehder 1: 362), 399 and 28 p., St. Petersburg 1865, translator A. Beketof (n.v.).

Ed. 2: 1862-1863, in 4 fascicles (fide Bull. Soc. bot. France 9: 701. 1864).

1: 1862 (Flora 45: 400, 21 Aug 1862), p. [1]-96, *pl.* 1-8.

2/3: Oct 1862 (Flora 45: 528. 20 Nov 1862, ÖBZ rev. 1 Nov 1862), p. 97-288, *pl.* 9-32.

4: 1863, cover-t.p., p. [i]-viii), p. 289-414, [415], *pl.* 33-50.

Copies: G, MO, NY. – *Note:* the book was available with coloured, half-coloured and black and white plates, fide Flora 47: 208. 1864.

Ed. 3: Jul-Aug 1877 (ÖBZ 1 Sep 1877, "soeben"), 566 p., 52 *pl.*, (n.v.) – Dritte verbesserte Auflage, bearbeitet von Christian Luerssen (1843-1916), TL-2/3: 186-189. – Copies have either black and white or coloured plates. – Possibly also issued with t.p. dated 1879 (*Bot. Zeit.* 18 Apr 1879).

Note: Title of eds. 2 and 3: "*Botanische Unterhaltungen, zum Verständnis der heimatlichen Flora. Vollständiges Lehrbuch der Botanik in neuer und praktischer Darstellungsweise.*"

Ref.: R-k, ÖBZ 8: 106-107. 1 Mai 1858 (rev., states publ. 1857).

Schlechtendal, D.F.L. von, *Bot. Zeit.* 14: 620-623. 29 Aug 1856 (rev. of Heft 1), 20: 339-340. 18 Oct 1862 (rev. of Heft 1, ed. 2).

N.L., *Bot. Zeit.* 37: 263. 18 Apr 1879 (rev. ed. 3).

Hoffmann, *Bot. Zeit.* 22: 23. 15 Jan 1864 (rev. ed. 2).

H.W.R., ÖBZ 12: 378-379. 1 Nov 1862 (rev. ed. 2, Hefte 1-3).

19.715. *Anleitung zum rationellen Botanisieren ...* Leipzig (Verlag von Veit & Comp.) 1860. Oct. (*Anl. Botanis.*).

Publ.: 1-28 Jun 1860 (p. vi: Apr 1860 (preface), *Bot. Zeit.* 29 Jun 1860 ("soeben"),

Bonplandia 2 Jul 1860, ÖBZ 1 Aug 1860), p. [i]-vi, [vii], [1]-102, [103, impr.]. *Copies:* B, G.
Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 18: 270-271. 27 Jul 1860 (rev.).

Augier, Augustin (fl. 1801), French botanist at Lyon. (*Augier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 90; Jackson p. 16; PR 287, ed. 1: 353; Rehder 1: 251.

BIOFILE: Breure, A.S.H. and J.G. de Bruyn, eds., *Leven en werken van J.G.S. Breda* 341. 1979.

Magnin, A., Bull. Soc. bot. Lyon 31: 59. 1906.

Stevens, P.F., Taxon 32(2): 203-211. 1983 (detailed discussion of A's "arbre botanique" in his *Essai* of 1801).

19.716. *Essai d' une nouvelle classification des végétaux, conforme à l' ordre que la Nature paroît avoir suivi dans le règne végétal; d' où résulte une méthode qui conduit à la connaissance des plantes et de leurs rapports naturels par le C. [Citoyen] Augustin Augier.* Lyon (Bruyset aîné et comp.) An ix – 1801. Oct. (*Essai nouv. class. vég.*).

Publ.: 1 Jan-17 Sep 1801 (" an xi – 1801": 1 Jan-17 Sep), p. [i]-viii, [1]-240, [241, errata], folded uncol. plate (lith.) ("arbre botanique"). *Copies*: B, G, HH, NY.

Augustin, Samuel (1729-1792), Austrian clergyman, physician and botanist. (*Augustin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 72; Dryander 3: 22; PR 288, ed. 1: 354.

19.717. *Prolegomena in systema sexuale botanicorum tabulis aeneis ad facilius intelligendos terminos illustrata ...* Vienna Austriae (apud Rudolphum Graeffer) 1777. Oct. (*Proleg. syst. sex. bot.*).

Publ.: 1777, p. [1]-84, [i, err.], pl. A-F (uncol. copp.). *Copies*: MO, NY.

Aulagne, Émile (1853-?), French pharmacist and botanist, studied at the École supérieure de Pharmacie de Paris, "ex-interne des hôpitaux de Paris". (*Aulagne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 195; Rehder 1: 45.

19.718. École supérieure de pharmacie de Paris. *Étude sur les Convolvulacées.* Thèse présentée et soutenue à l' école supérieure de pharmacie de Paris le ... juin 1881 pour obtenir le diplôme de pharmacien de première classe ... Paris (F. Pichon & A. Cotillon, imprimeurs-éditeurs, ...) 1881. Qu. (*Étude Convolv.*).

Publ.: Jun 1881 (date of defense thesis; Bull. Soc. bot. France 22 Jul 1881 at session), p. [1]-176, 1 pl. (uncol. lith. auct.). *Copy*: G.

Ref.: Anon., Bull. Soc. bot. France 29 (Bibl.): 35. Jan-Apr 1892 (rev.).

Aulin, Fredrik Rutger (1841-1923), Swedish botanist, studied at the University of Uppsala from 1861, Fil. kand. ib. 1868, Dr. phil. ib. 1872, Stockholm secondary schools 1879-1906, also working as a visitor at the Stockholm Riksmuseum. (*Aulin*).

HERBARIUM and TYPES: S, further material at GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 91; BL 2: 515, 536, 624; De Toni 1: vii; IH 2: 45; Jackson p. 222; KR p. 63-64.

BIOFILE: Anon., Bot. Not. 1916: 282, 1923: 158.

Arwidsson, Th. and G.R. Cedergren, Generalreg. Sv. bot. Tidskr. 54. 1932.

Lindman, C.A.M., Sv. bot. Tidskr. 18(1): 171-175. 1924 (detailed obit., portr., list of publ; b. 19 Nov 1841, d. 18 Feb 1923).

Wittrock, V.B., Acta Horti Berg. 3(2): 31. 1903 (on portr.).

19.719. *Anteckningar öfver Hafsalgernas geografiska utbredning i Atlantiske hafvet norr om Eqvator, i Medelhafvet och Östersjön.* Akademisk Afhandling ... Stockholm (Tryckt hos E.M. Thimngren) 1872. Oct. (*Anteckn. Hafsalg. geogr. utbredn.*).

Publ.: 18 Mai 1872 (date of defense thesis), p. [i-iii], [1]-44. *Copy*: n.v., info. KR p. 64, no. 1.

* **Austin, Coe Finch** (1831-1880), American bryologist, grew up in Greenville, N.Y. and Brookfield (State Hill, Orange County, N.Y.), at a classical school in Sussex, N.Y. ca. 1850, school teacher at Tappan, N.Y. 1857, at the Columbia College Herbarium 1861-1863, teacher at Demarest, N.Y. 1865-1866 and subsequently at various other schools turning more to botanizing. (*Aust.*).

HERBARIUM and TYPES: MANCH (Hepat.), NY (Musci), further material in CAS, FH-Sullivant, K, MANCH (Musci), MO, NA (Martindale), NY (general personal herb, s. str.), PH (Bryoph., Alg.), QK (in Fowler herb.).

Hepaticae boreali-americanae exsiccatae, or specimens of North American liverworts (nos. 1-150, Closter, N.J., 1873, sets at BM, FH, H, NY). – For tickets see below.

Musci appalachiani (nos. 1-450, Closter, N.J., 1870), nos. 451-550, 1878 (suppl.), sets at B, BM, CM, FH, G, H, K, MANCH, NY, PRE, W. – For accompanying text see TL-2/209. *Copies*: B, G, NY, both p. [1]-48, supplement p. [1]-16, err. slip. *Copies*: B, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 92; BM 1: 74; Bossert p. 17; CSP 1: 123, 7: 59, 12: 31; IH 1 (ed. 6): 355, 2: 45; Jackson p. 359, 361; Kew 1: 100; Lenley p. 12; LS 1347, 1348; ME 3: 530 [index]; MW p. 24; NAF ser. 2: 3: 31; Taxon 21: 725, 22: 378, 380, 381, 386, 396, 29: 677; TL-2/1: 81, see also TL-2/7586; Urban-Berl. p. 293.

BIOFILE: Anon., Bot. Centralbl. 1/2(18): 576. 1880 (death; colls. for sale); Bot. Gaz. 5(6): 61. 1880 (death, details on his colls. (for sale)), 12(1): 9 Jan 1887 (Columbia College Herbaria [now NY] purchase of A's personal bryological coll.; "unfortunately the bulk of his hepatological material was allowed to leave the country" [now at MANCH]), 21(6): 384. 1896 (id.); Bot. Zeit. 38: 460. 1880 (obit. not.); J. Bot. 18: 192. 1880 (obit. not.); Bull. Soc. bot. France 27 (Bibl.): 93. 1880 (obit. not.); Bull. Torrey bot. Club 7: 38-39. 1880 (d.); Bot. Not. 1881: 39 (d.); J. New York Bot. Gard. 1(3): 36. 1900 ("mosses, and many of the hepatics and lichens accumulated by Mr. C.F. Austin came into the possession of Columbia ..."). Austin, Mrs. C.F., Bull. Torrey bot. Club 10(5): 57. 1883 (two sets of *Musci appalach.* and five of the suppl. still available).

Britton, E.G., Bryologist 13(1): 1-4. 1910 (biogr. sketch, portr.).

Crowder, A.A., Canad. Field-Natural. 88: 50, 52, 54. 1974 (material in QK, Fowler herb.). Demarest, S.A., Mem. Torrey bot. Club 17: 31-38. 1918 (biogr., b. 20 Jun 1831 at Finchville, Orange County, N.Y., d. 18 Mar 1880, Closter, N.J.).

Ewan, J., Leaflet. W. Bot. 7(3): 94. 1953; Short hist. bot. U.S. 91. 1969.

House, H.D., New York State Mus. Bull. 328: 12, 20, 24. 1942 (bibl. bot. New York State). L. [Lesquereux], Bull. Torrey bot. Club 7(4): 38-39. 1880 (obit.).

Macoun, J., [frequent mention of C.F. Austin in corr. J. Macoun – E.G. Britton at NY].

Meyer, F.G. and S. Elsasser, Taxon 22(4): 380, 382. 1973 (A. material in Martindale herb. NA; label, handwriting).

Rickett, H.W., Index Bull. Torrey bot. Club Vols. 1-75: 4-5. 1955 (lists publ. in TBC).

Rodgers, A.D., William Starling Sullivant 265-267, 272-278, 281-282, 286, 296-297. 1940; John Torrey 264, 268, 287-288, 291-292, 335. 1942; Amer. Bot. 1873-1892. 4, 74, 111, 323. 1944.

Rusby, H.H., Torrey 6: 134-135. 1906 ("Unfortunately, his botanical zeal caused his family to be deprived of many of the important possessions of his life").

Sayre, G., Cryptogamie, Bryol. Lichén., Paris 5: 57-58. 1984 (notes on *Musci appalach.*, TL-2/209, Mem.); Mem. New York Bot. Gard. 19(2): 177-178. 1971, 45: 19-27. 1987 (biogr., bibl.).

Steere, W.C., Bot. Rev. 43: 288. 1977 [1978] (refs. to biogr. sources).

COMPOSITE WORKS: (1) Contributed *Lemnaceae* to A. Gray, *Manual* (TL-2/2124) ed. 5. 1867.

HANDWRITING: See A.A. Crowder 1974, p. 50.

19.720. *Characters of some new Hepaticae* (mostly North American), together with notes on a few imperfectly described species ... From the Proceedings of the Academy of Natural Sciences of Philadelphia ... 1869. Oct.

Publ.: Dec 1869 (date on reprint), p. [1]-17. *Copy*: NY. – Reprinted and to be cited from Proc. Acad. nat. Sci. Philadelphia 1869: 218-234.

19.721. *New Hepaticae* ... New York ... 1872. Oct.

Publ.: Mar 1872 (in journal), p. [9]-20. *Copy*: NY. – Reprinted and to be cited from Bull. Torrey bot. Club 3(3): 9-20. 1872.

19.722. *Hepaticae boreali-americanae*: (Tickets of the specimens.) ... Closter, New Jersey. 1873. Oct. [size; one gathering]. (*Hepat. bor.-amer.*).

Publ.: Nov-Dec 1873 (Bull. Torrey bot. Club 4: 489 “now printing for this work” Oct 1873), p. [1]-48. *Copies*: G. NY.

19.723. *Notes on the Anthocerotaceae* of North America with descriptions of several new species ... Bulletin Torrey botanical Club ... 1876. Oct.

Publ.: Apr 1876 (in journal), p. [25]-26. *Copy*: NY. – Reprinted and to be cited from Bull. Torrey bot. Club. 6(4): 25-26. 1876.

Autenrieth, Hermann Friedrich (1799-1874), German (Württemberg-Hohenzollern) physician and botanist in Tübingen. (*Autenrieth*).

HERBARIUM and TYPES: Unknown.

NOTE: Not to be confused with [probably] his father Johann Heinrich von Autenrieth 20 Oct 1772-3 Mar 1835 (the death of J.H. v. A. was erroneously mentioned as that of A. in Linnaea 9: 709 and 19: 148. 1843; see also Barnhart 1: 92.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 92 (b. 5 Mai 1799, Tübingen, d. 9 Jan 1874, ib.); BM 1: 76; PR 290-291, ed. 1: 360-361; Rehder 1: 120, 3: 503.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 320. 1877.

Behn, W.F.G., Leopoldina 10(1-2): 114. 1874 (d. 9 Jan 1874).

Schmid, G., Goethe und die Naturwiss. 250-251. 1903.

19.724. Disquisitio quaestionis Academicae de *discrimine sexuali* jam in seminibus plantarum dioicarum apparente praemio regio ornata. Additis quibusdam de sexu plantarum argumentis generalibus ... Tubingae [Tübingen] (Sumtibus Henrici Laupp) 1821. Qu. (*Discrim. sexuali*).

Publ.: Mai-Dec 1821 (p. 4: 18 Apr 1821), p. [i], [1]-61, [62], pl. 1-2 (uncol. copp.). *Copies*: B-S, G, MO, WU.

Ref.: Sprengel, K., Neue Entdeckungen, ... Pflanzenkunde 3: 339-341. 1822 (rev.).

Anon., Flora 5(2): 401-411. 14 Jul 1822 (rev.).

* **Autran, Eugène [John Benjamin]** (1855-1912), Swiss (Genève) botanist, professional industrialist, employed at the Boissier Herbarium from 1888, editor of the Bulletin de l'Herbier Boissier, emigrated to Argentina in 1901, curator of the Buenos Aires botanical garden and head of the botany section of the Pharmacological Museum of the Faculty of medicine. (*Autran*).

HERBARIUM and TYPES: G, later collections BAF, further material at NH, NY, SI, TBI.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 770; Barnhart 1: 92 (b. 8 Sep 1855, d. 22 Aug 1912); BL 1: 254; BM 1: 76, 495, 6: 43; Bossert p. 18; CSP 13: 209; IH 2: 46; Kew 1: 103; NW p. 39; Plesch p. 131; Rehder 1: 65; TL-2/210, 8190, 10.709, 11.473-11.474; Tucker 1: 45.

- BIOFILE: Anon., *Hedwigia* (Beibl.) 40(6): 204. 1901 (appt. Buenos Aires); *Bol. Soc. Physis, Buenos Aires* 1(3): 146-147. 1912 (obit., portr.).
 Briquet, J., *Bull. Soc. bot. Suisse* 50a: 9-10. 1940 (brief biogr., eponymy, bibl.; b. Genève 8 Sep 1855, d. Buenos Aires 2 Aug 1912).
 Castellanos, A. and R.A. Perez-Moreau, *Lilloa* 7: 42, 108, 397, 405, 465, 472. 1941.
 Lack, H.W. and O. v. Sydow, *Willdenowia* 13: 411. 1983 (letters A. to Halácsy in UPS-UB).
 Radde, G., *Samml. Kaukas. Mus.* 2. 1901 (portr.).
 Wittrock, V.B., *Acta Horti Berg.* 3(2): 149. 1903, 3(3): 64, 159. 1905 (portr. *pl.* 150).

EPONYMY: *Autrania* C. Winkl. & Barb. (1892), *Autranella* A. Chevalier (1917), *Coleus* subg. *Autraniani* Briquet (1897).

COMPOSITE WORKS: (1) *Bulletin de l'Herbier Boissier*, ser. 1, vols. 1-7, 1893-1899, Autran editor, sponsored by W. Barbey, q.v.

(2) See G. Schweinfurth, *Récolte cons. pl.* 1889. TL-2/4473, translated by Autran.

(3) See H. Schinz, *Des genres Achatocarpus Triana et Basia* Linné ... Genève 1893, TL-2/10.709, Autran junior author.

(4) See G.E. Post, *Plantae postianae*, Lausanne 1890-1900, 10 parts, Autran co-author for fasc. 6, 8-9. See TL-2/8190.

(5) With Th. Durand, *Hortus boissierianus*, see TL-2/210.

19.725. *Note sur le Tropaeolum patagonicum* Speg. ... Buenos Aires (Establecimiento tipográfico y Encuadernación de Pablo Gadola ...) 1904. Oct.

Publ.: 1904, cover-t.p., p. [1]-6. *Copies*: B, G. – Reprinted and to be cited from *Revista Farmac.* 44(2): 37-41. 1904. – Reprints also issued as *Trab. Mus. Farmac.* 3. 1904 (pagination [12]-15). *Copy*: NY.

19.726. *Note sur le Caá-Éhé* (*Eupatorium Rebaudianum*) ... Buenos Aires (Imprenta y Encuadernación de Pablo Gadola ...) 1904. Oct.

Publ.: 1904 (*Nat. Nov. Sep* (1,2) 1904), cover-t.p., p. [1]-14. *Copies*: B, G, NY, U. – Reprinted and to be cited from *Revista Farmac.* 44(3): 70-74, 44(4): 105-111. 1904. – Reprint also issued as *Trab. Mus. Farmac.* 4, 1904.

19.727. *Énumération des plantes récoltées par Miles Stuart Pennington* pendant son premier voyage à la Terre de Feu en 1903 ... Buenos Aires (Imprenta "Didot" de Félix Lajoune & C.^a...). 1905. Oct.

Collector: Miles Stuart Pennington (1881-x), see IH 2: 664, herbarium at SI.

Publ.: Oct 1905 (in journal; preface 1 Mai 1905, *Allg. bot. Z.* 15 Jan 1906), cover-t.p., p. [1]-23. *Copies*: B, G, NY, U. – Reprinted and to be cited from *Rev. Univ. Buenos Aires* 4: 287-305. 1905.

19.728. *Les parcs nationaux argentins* ... Buenos Aires (Ateliers du Bureau Météorologique Argentin) 1907. Oct.

Issue 1: Jan-Feb 1907 (in journal; *Allg. bot. Z.* 15 Jul 1907), p. [1]-41, 4 *pl.* (uncol.). *Copy*: B. – Reprinted and to be cited from *Bol. Agric.* 1907: 3-41, 4 *pl.*

Issue 2: Jan-Feb 1907 (in journal), cover-t.p., p. [1]-41, 4 *pl.* (uncol.). *Copies*: G, NY. – Id. but with additional indication *Trab. Mus. Pharmac.* 13. 1907.

19.729. *Les Tropéolacées argentines et le genre Magallana* Cav. ... Buenos Aires (Imprimerie Coni frères, ...) 1907. Oct.

Publ.: 1907, p. [i, recto of 74], [74]-81. *Copies*: G, NY. – Issued as *Trab. Mus. Pharmac.* 14. 1907. – Probably (not indicated) as *Bol. Agric.* 1907: 74-81.

Auzende, Joseph (1802-1876), French botanist at Toulon, at first gardener at the Botanical Garden of the Navy, Toulon; director of the municipal garden at Toulon from ca. 1840, also active in the reforestation of the Faron. (*Auzende*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 466; Barnhart 1: 93 (b. 18 Mai 1802, Toulon, d. 9 Dec 1876, ib.); BL 2: 209; Rehder 3: 167.

BIOFILE: Anon., Bull. Soc. bot. France 24 (Bibl.): 189. 1877 (ref. to biogr. notice; basic data given).

Turrel, L., Bull. Soc. [natl.] Acclim. France ser. 3. 4: 269-272. 1877 (biogr. notice, b. 18 Mai 1802, Toulon, d. ib. 9 Dec 1876).

19.730. *Guide du botaniste aux environs de Toulon*. Manuscript inédit de Joseph Auzende, publié et annoté par Émile Jahandiez ... [Carquiranne 1931]. Oct.

Editor: Émile Jahandiez (1876-1938), TL-2/2: 417.

Publ.: 1931 (preface by editor dated 28 Feb 1931), cover-t.p., p. 1-66. Copies: B, G. — Reprinted and to be cited from Ann Soc. Hist. nat. Toulon 15: 10-75. 1931. — See BL 2: 209.

* **Avé-Lallemant, Julius Leopold Édouard** (1803-1867), German (Lübeck) botanist and physician, educated at Kassel 1815-1823, studied medicine and natural sciences in Greifswald 1823-1825, and Berlin 1825-1829, travelled in northern Italy, southern France, Switzerland and Germany 1826, Dr. med. chir. 1829, curator of the botanical garden of St. Petersburg 1838-1855, ultimately practising physician in Lübeck. (*Avé-Lall.*).

HERBARIUM and TYPES: LE(?), some material at B and, formerly, at Lübeck.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 153; Barnhart 1: 93 (b. 4 Jun 1803, Lübeck, d. 17 Mai 1867, ib.); BM 1: 77; CSP 1: 125; DTS 1: 12, 6(4): 19, 111; Hegi 5(2): 1422; Hortus 3: 1187; IH 2: 46 (material at B); Lasègue p. 403 (coll. with Hornschuch); PR 292, ed. 1: 362; Rehder 1: 349; Saccardo 1: 19, cron. xiv; TL-2/1: 82; TR 1629; Tucker 1: 46; Zander ed. 10, p. 629, ed. 11, p. 715.

BIOFILE: Anon., Flora 9(1): 272. 1826 (in S. Germany with Hornschuch), 9(2): 589-590. 1826 (on trip to S. France, etc.), 12(2): 688. 1829 (on thesis), 12(2): 746. 1829, 13(2): Erg.-Bl.: 109-115. 1830 (detailed review of thesis), 50: 559. 1867 (d. 17 Mai, Lübeck); Gartenflora 16(9): 287-288. 1867 (brief obit., d. 17 Mai 1867 at Lübeck); ÖBZ 17: 297. 1867 (d. 17 Mai 1867, Lübeck).

Avé-Lallemant, De plantis quibusdam Italiae borealis et Germaniae australis rarioribus 20 [vita]. 1829 (b. 4 Jun 1803, Lübeck).

Berg, E. de, Additamenta ad Thesauram literaturae botanicorum 14. 1859. (seed cat. St. Petersburg with taxonomic notes).

Burnat, E., Bull. Soc. bot. France 30 (sess. ord.): cix-cx. 1883 (A. collected near Vintimille, Menton, Nice, Tende; collected specimens which have never been found again: err. determinations?).

Cavillier, F., Boissiera 5: 11-12. 1941.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 322. 1877.

Hausmann zu Stetten, F. von, Fl. Tirol 1171-1172. 1854.

Hooker, J.D., Hook. London J. Bot. 5: 533. 1846 (A. assistant to Fischer at herb. Bot. Gard. St. Petersburg).

Jessen, K.F.W., Bot. Gegenw. Vorz. 496. 1864.

Prahl, P. Krit. Fl. Schlesw.-Holst. 2: 10. 1889 (data from his sister).

Schlechtendal, D.F.L. von, Linnaea 5(Lit.): 30-32. 1830 (rev. thesis).

COMPOSITE WORKS: (1) With F.E.L. Fischer and C.A. Meyer, *Animadversiones botanicae, in Index seminum, quae hortus botanicus Imperialis Petropolitanus pro mutua commutatione offert*. Accedunt *Animadversiones botanicae nonnullae* 6-11, suppl. Petropoli 1839-1846. See also TR 1629. Pagination and dates: 6: 43-67. 1839, 8: 51-74. 1842, 9: 55-97. 1843, 9 (suppl.): 8-25. 1844, 10: 43-60. 1845, 11: 49-83. 1846.

Avellino, Giulio (fl. 1840-1843), Italian botanist at Napoli associate of G.A. Pasquale. (*Avellino*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 368; Barnhart 1: 93; BL 2: 348; BM 1: 77; PR ed. 1: 363-365; Rehder 3: 527; Saccardo 1: 19, 2: 13; TL-2/7426 (co-author).

BIOFILE: Balsamo, F. and M. Geremicca, Bull. Orto bot. Napoli 3: 39-74. 1913 (brief note in list Napoli botanists, n.v.).

COMPOSITE WORKS: (1) With G.A. Pasquale (senior author), *Fl. med. Napoli*, see TL-2/7426.

EPONYMY: *Avellinia* Parlatore, Pl. novae 59. 2 Apr 1842 (see ING 1: 164).

19.731. Su di una nuova specie di *Clematide* memoria letta all' Accademia degli aspiranti naturalisti nella sessione de' 10 Novembre 1842 ... Napoli (Stabilimento poligrafico Coster) 1842. Oct. (*Nuova sp. Clemat.*).

Publ.: 1842 (after 10 Nov 1842 [or 1843]), p. [1]-8. *Copy*: G. – Probably a reprint from Ann. Accad. Aspir. Natural. 9. 1843 (n.v.).

19.732. Nota sulla *Pastinaca latifolia* letta all' Accademia degli aspiranti naturalisti nella sessione de' 21 Settembre 1843 ... Napoli (Stabilimento poligrafico Coster) 1843. Oct. (*Nota Pastinaca latif.*).

Publ.: 22 Sep-31 Dec 1843 (read 21 Sep 1843), p. [1]-8. *Copy*: G. – Reprinted or preprinted from Ann. Accad. Aspir. Natural. 9. 1843.

Avetta, Carlo (1861-1941), Italian botanist, born in Torino, studied at the University of Roma (with P.R. Pirotta), habil. Bot. Univ. Roma 1890, assistant at the Botanical Institute, Roma ca. 1890-1893, director of the botanical garden and professor of botany at the University of Parma 1893-1935, in retirement in Torino, "gentiuomo del vecchio stampo". (*Avetta*).

HERBARIUM and TYPES: PAD, PARMA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 93; BL 1: 34, 2: 354; BM 1: 77; GR p. 527; IH 2: 46; LS 1350-1352, 1406; Morren ed. 10, p. 81; Rehder 1: 104, 489, 2: 184, 380; Saccardo 1: 19; TL-2/7435; Tucker 1: 46.

BIOFILE: Anon., Bot. Centralbl. 58(15): 80. 1894 (appt. Parma); Bot. Jahrb. 18 (Beibl. 45): 40. 1894 (appt. Parma).

Cappelletti, C., Nuovo Giorn. bot. ital. ser. 2. 48: 648-651. 1941 (31 Jan 1942; obit., b. 13 Mar 1861, Torino, d. 10 Mar 1941).

Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 280. 1938 (dir. hort. bot. Parma Nov 1893-1935).

COMPOSITE WORKS: (1) *Addenda* to G. Passerini, *Fl. Parma* (TL-2/7435), Malpighia 11: 209-224. 1897, with V. Casoni, 12: 164. 1898.

(2) Italian translation of E.A. Strasburger, *Lehrb. Bot.*, as *Trattato di botanica* ed. 1. 1896 (and possibly later editions eds. 2-4, 1913-1928, not seen by us; see TL-2/13.237, p. 38).

(3) With P. Baccarini (senior author), *Contribuzione allo studio della micologia romana* 1885, see Baccarini.

(4) T. Levi and D. Stanghellini, eds., C. Avetta, *Lezioni di botanica ...* Parma 1899, 554 p. (n.v.), id. Parma 1900, 532 p. (n.v.).

19.733. Prima [-quinta] *contribuzione* alla flora dello Scioa ... Estratto dal Bulletin della Società botanica italiana nel Nuovo Giornale Bot. Ital. ... 1889-1890. Oct.

1: Apr 1889, p. [344]-352, reprinted from Nuovo Giorn. bot. ital. 21(2): 344-352. 1889. – N.B. This first part follows parts 2 and 3 in the pagination. *Copy*: G.

2: Apr 1889, p. [303]-311, id. 21(2): 303-311. 1889. *Copy*: G.

3: Apr 1889, p. [332]-339, id. 21(2): 332-339. 1889. *Copy*: G.

4: Ib. 22: 234-239. 1890 (no reprint seen).

5: Ib. 22: 242-247. 1890 (no reprint seen).

See also his *Materiali per la flora della Scioa*, Ann. R. Ist. Bot. Roma 6: 44-66, *pl. 3-4*. 1897; as reprint p. [3]-25, 2 *pl* [Roma] 1895, (n.v.; Blake mentions this as an issue of the *contribuzione*).

Àvila y Zumarán, Pedro de (1842-?), Spanish botanist, senior engineer (“Ingeniero Jefe”) with the Cuerpo de Ingenieros de Montes, at El Escorial. (*Àvila*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 94 (further biogr. refs.); BL 2: 482; BM 1: 78; Rehder 4: 544; TL-2/4119, 4121; Tucker 1: 46.

COMPOSITE WORKS: With Máximo Laguna y Villanueva (1826-1902), see TL-2/2: 725, *Fl. forest. españ.* 1875 and 1883-1890, see TL-2/4119 and 4121, Àvila junior author. – Detailed reviews of the 1883-1890 edition by F.G.M.T. von Herder in Bot. Centralbl. 23(28): 48-51. 6-10 Jul 1885 and by M. Willkomm, ib. 50(28/29): 83-84. 12 Jul 1892.

Axell, Johan Severin (1843-1892), Swedish botanist, studied at Uppsala University 1861-1869, Dr. phil. ib. 1869, lecturer in botany 1869-1870, ultimately wholesale dealer 1870-1891, died 1892 at Wiesbaden. (*Axell*).

HERBARIUM and TYPES: GB.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 46; Jackson p. 98; KR p. 64 (b. 22 Oct 1843, Torp, d. 1 Jan 1892, Wiesbaden); Moebius p. 359; Rehder 1: 237.

BIOFILE: Anon., Bot. Not. 1892: 46 (d.).

Axell, J.S., Bot. Not. 1868: 115-124 (“Om det färgade hyllets betydelse för växten” first publication; second and last publ. see below).

Wittrock, V.B., Acta Horti Berg. 3(2): 31. (*pl. 11*), 1903, 3(3): 4. 1905 (portr.).

19.734. Om *anordningarna* för de *fanerogama växternas* befruktning ... Stockholm (Iwar Haeggströms Boktryckeri 1869. Oct. (*Anordn. faner. växt.*).

Thesis edition: 22 Mai 1869, p. [i], [1]-116. *Copy*: NY. – Has on title page [p. i]: Akademisk Afhandling som med vidtberömda filosofiska fakultetens i Upsala tillstånd för filosofiska gradens erhållande kommer att offentlig försvaras ... å Botaniska lärosalen Lördagen den 22 Maj 1869 p.v.t.f.m. Stockholm (id.) 1869. [Oct].

Commercial ed.: 1869, cover-t.p., p. [i, t.p.], [1]-116. – *Copies*: B, MO, NY. – Moebius (1937, 1968): Severin Axell was one of the first botanists to attempt a biological classification of the phanerogamic flowers.

Axelsson [later Linnaniemi], **Walter Mikael** (1876-1953), Finnish botanist. (*Axelsson*).

HERBARIUM and TYPES: H, further material in E, LD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 94, 2: 308 (Linnaniemi, refs. to coll.); BL 2: 72; Collander p. 32, 326 (Linnaniemi); IH 2: 46, 449; Tucker 1: 46.

BIOFILE: Luther, A., Mem. Soc. Fauna Fl. fenn. 29: 124-126. 1953 (obit., b. 25 Oct 1876 in Joensuu, d. 2 Mar 1953 in Grankulla).

19.735. *Putkilokasvio pielisen ja höytiäisen välisellä kannaksella ...* Helsinki 1902. Oct. Publ.: 1902 (Nat. Nov. Mai (1) 1903), p. [1]-78. Copy: U. – Issued as Acta Soc. Fauna Fl. Fenn. 23(4). 1902. – “Vascular flora of the isthmus between lakes Pielisen and Höytiäisen”.

Axt, Johann Conrad (1638-1714), German botanist, “Stadtphysicus und Konsul” [Burgomaster] in Arnstadt. (Axt).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 94; BM 1: 78 (Axtius); Dryander 3: 219; Kew 1: 105; PR 294, ed. 1: 366; Tucker 1: 46.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 332. 1877.
Haller, A. von, Bibl. bot. 1: 603. 1771.

NOTE: In latin publications as Joannes Conradus Axtius.

19.736. *Florula Arnstadiensis.* Die älteste Flora von Arnstadt. Von Lic. Joh. Conr. Axt Stadtphysikus und Konsul zu Arnstadt. 1701. Herausgegeben und mit Anmerkungen versehen von Prof. Dr. G. Leimbach ... Beilage zum Osterprogramm der Realschule. Arnstadt (Druck der Bussjaeger'schen Hofbuchdruckerei) 1894. Oct. (*Florula Arnstad.*).
Publ.: 1894 (Nat. Nov. Mai (2) 1894), p. [1]-40. Copies: B, NY. – Editor Gotthold Leimbach (1818-1902), notes by him on p. 36-40.

Aznavour, Georges Vincent [Aznavur, Jorj Vensan] (1861-1920), Turkish-Armenian botanist at Istanbul, student of the flora around Istanbul. (*Aznavour*).

HERBARIUM and TYPES: E (20.000), further material in BP, G, GB, HH, LY, MANCH, NH, W. – Aznavour's herbarium was for sometime deposited at Rumeli Hisar, Turkey (Herbarium of Robert College, RH), but was ultimately moved to E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 96; IH 2: 46 (RH orig. herb, now at E).

BIOFILE: Adamović, L., Veg.-Verh. Balkanländer 14. 1909.
Anon., Biol. Zhurn. Arm. 28(5): 102-103. 1975 (in Armenian).
Baytop, A., Türk. Biol. Derg. 11: 87-95. 1961 (brief biogr., Turkish).
Burdet, H.M., Candollea 37: 596-597. 1982 (on a mss. Flora of the Bosporus (french) and the partly printed version of it by A. Post and B. Van Dyck).
Davis, P.H. and J.R. Edmondson, Notes R.B.G. Edinburgh 37(2): 274. 1939.
Demiriz, H., Türk Biol. Derg. 14(2): 49-64. 1968 (biogr. and information on his scientific work incl. his mss. Flora of Istanbul; major source; Turkish with brief German summary; bibl., portr., b. 18 Dec 1861 Istanbul, d. 11 Nov 1920 ib.).
Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (letters by A. to Halácsy at UPS-UB).

MANUSCRIPT: Aznavour left a voluminous mss. of a *Flore du Bosphore*. See Burdet (1982) on the further fate of this mss. and on the work of A. Post and B. Van Dyck in trying to publish it, as well as a Turkish version of 1945.

- 19.737.** *Note sur la flore des environs de Constantinople ...* Extrait du Bulletin de la Société botanique de France ... 1897. Oct.
Publ.: Aug (sero) 1897 (in journal; read 12 Mar 1897), p. [164]-177. *Copies*: B, WU. – Reprinted and to be cited from Bull. Soc. bot. France 44: 164-177. 1897.
- 19.738.** *Nouvelle contribution à la flore des environs de Constantinople ...* Extrait du Bulletin de la Société botanique de France ... 1899. Oct.
Publ.: Nov (sero) 1899 (in journal; read 14 Apr 1899), [135]-153. *Copies*: B, WU. – Reprinted and to be cited from Bull. Soc. bot. France 46: 135-153. 1899.
- 19.739.** *Plantes recueillies par M.F.X. Lobry dans l'île de Syra ...* Separatabdruck aus ... *Magy. botan. Lapok ...* 1902. Oct.
Publ.: Jul 1902 (in journal), p. [1]-3. *Copy*: B. – Reprinted and to be cited from *Magyar bot. Lapok* 1(7): 193-196. 1902.
- 19.740.** *Énumération d'espèces nouvelles pour la flore de Constantinople, accompagnée de notes sur quelques plantes peu connues ou insuffisamment décrites qui se rencontrent à l'état spontané aux environs de cette ville ...* Tiré à part du "Magy. botan. Lapok." ... 1902-1911. Oct.
 1: Oct 1902, p. [1]-13. Reprinted and to be cited from *Magyar bot. Lapok* 1(10): 291-304.
 2: Mai 1903, p. [1]-8. – Id. 2(5): 137-144. 1903.
 3: Jan-Feb 1904, p. [1]-8. – Id. 3(1-2): 2-9. 1904.
 4: Jun-Jul 1905, p. [1]-8. – Id. 4(6-7): 136-143. 1905.
 5: Mai-Jul 1906, p. [1]-14. – Id. 5(5-7): 156-169. 1906.
 6: Jan-Mar 1911, p. [1]-12. – Id. 10(1-3): 10-21. 1911.
Copies: B (1,3,5,6), G(1,2,3), WU(1-6).
- 19.741.** *Un Symphytum nouveau ..* Extrait du Bulletin de l'Herbier Boissier ... 1903. Oct.
Publ.: 30 Jun 1903 (in journal), p. [i, identif., recto of 1], [1]-2. *Copy*: B. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 3(7): 588-589. 1903.
- 19.742.** *Deux plantes nouvelles de la flore constantinopolitaine ...* Tiré à part du "Magyar Botanikai Lapok" ... 1907. Oct.
Publ.: Jan-Apr 1907 (in journal), p. [1]-5. *Copy*: B. – Reprinted and to be cited from *Magyar bot. Lapok* 6(1-4): 7-11. 1907.
- 19.743.** *Un Linum nouveau d'Anatolie ...* Extrait du Bulletin de l'Herbier Boissier ... 1907. Oct.
Publ.: 31 Mar 1907 (in journal), p. [1]. *Copies*: B, L. – Reprinted and to be cited from Bull. Herb. Boissier. ser. 2. 7(4): 314. 1907.
- 19.744.** *Un nouveau Merendera d'Anatolie ...* tiré à part du "Bulletin de l'Herbier Boissier" ... 1908. Oct.
Publ.: Apr 1908 (in journal), p. [i, identif.], [1]-3. *Copy*: B. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 8(4): 248-250. 1908.
- 19.745.** *Une plante nouvelle d'Anatolie ...* Sonderabdruck aus Fedde, Repertorium ... 1912. Oct.
Publ.: 1912, p. [1]. *Copy*: B. – Reprinted and to be cited from Repert. sp. nov. 11: 397-398 [sic]. 1912.
- 19.746.** *Nouveaux matériaux pour la flore de Constantinople ...* Budapest (Pallas Irodalmi ...) 1913. Oct.
Publ.: Jun-Jul 1913 (in journal), cover-t.p., p. 1-30. *Copy*: B. – Reprinted and to be cited from *Magyar bot. Lapok* 12(5-6): 156-185. 1913.

19.747. *Étude sur l' "herbier artistique" Tchitouny* (Plantes d' Orient) ... Budapest (Pallas Irodalmi ...) 1918. Oct.

Publ.: 1917, cover-t.p., p. 1-37. *Copy*: B. – Reprinted and to be cited from Magyar bot. Lapok 16(1-12): 1-37. 1917.

Baagøe, Johannes Schønberg (1838-1905), Danish pharmacist and botanist, student in the Kristianshavns pharmacy 1855-1859, id. at Rønne 1859-1862, cand. pharm. 1862, with the Silkeborg pharmacy 1865-1876, id. Naestved 1870-1890, from 1890 active as a mineral water distributor also in Naestved, specialist on *Potamogeton*. (*Baagøe*).

HERBARIUM and TYPES: C (mainly *Potamogeton*), further material in B, DBN, E, GB, L, LE, M, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 96 (b. 5 Dec 1838, d. 13 Dec 1905); Christensen 2: 402-403 and see in the index (bibl.); IH 2: 47; Urban-Berl. p. 326.

BIOFILE: Anon., Bot. Not. 1906: 44.

Christensen, C., Den Danske bot. Litt. 1880-1911: 45. 1913; Danske bot. hist. 1: 451, 452, 808-809, 2: 402-403. 1924-1926 (biogr., bibl.).

Hedge, I.C. and H.M. Lamond, Index coll. Edinburgh 56. 1970 (herb. mat. 1864).

Lind, J., Danish fungi herbarium E. Rostrup 26. 1913.

Verdoorn, F., Chron. bot. 4: 446, 562. 1938 (b. 5 Dec 1838).

Warming, E., Bot. Tidsskr. 12: 221. 1881 (b. 5 Dec 1838, Kallundborg), 27: liv-lvii. 1906 (obit., portr.).

Wittrock, V.B., Acta Horti Berg. 3(2): 100. 1903, 3(3): 86. 1905 (portr.).

MANUSCRIPTS: See Christensen, Danske bot. hist. 2: 403. Jun 1926.

19.748. *Ekursionen til jydsk søer og Vandløb i sommeren 1895 ...* Særtryck af Botanisk Tidsskrift ... 1896. Oct.

Co-author: F. Kølpin Ravn (1873-1920), see TL-2/4: 602-603.

Publ.: 1896, p. [288]-326. *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 20(4): 288-326. 1896. – Christensen no. 3.

19.749. *Potamogeton undulatus* Wolfgang (*P. crispus* L. x *P. praelongus* Wulf) ... Særtryck af Botanisk Tidsskrift ... Kjøbenhavn 1897. Oct.

Publ.: 1897 (p. 236: Sep 1897), cover-t.p., p. [221]-236, pl. 7 (uncol. lith.). *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 21(2): 221-236, pl. 7. 1897. – Christensen no. 4.

French version: J. Bot. [Morot] 11: 355-365, pl. 4. 1897. – Christensen no. 4b.

19.750. *Primula paa Møens Klint* samt nogle faa bemaerkninger om *P. acaulis*, *P. elatior* og *P. officinalis* med deres hybrider ... Særtryck af Botanisk Tidsskrift ... 1901. Oct.

Publ.: 1901, p. [i*], vi-xii, [i** imprint Bianco Luno]. *Copy*: B. – Reprinted and to be cited from Bot. Tidsskr. 24(1): vi-xii. 1901. – Christensen no. 6.

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Publ.: Mai 1903 (p. 184: 7 Apr 1903, Nat. Nov. Jun (2) 1903), p. [i], 179-184. *Copies*: B, U. – Reprinted and to be cited from Vid. Medd. naturh. Foren. Kjøbenhavn 1903: 179-184. – Christensen no. 8.

Baar, Paul (1880-1946), Belgian (Liège) mycologist and mining engineer active at the plant systematic laboratory of the University of Liège and with the Société mycologique de France. (*Baar*).

HERBARIUM and TYPES: Unknown, if any at LG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 96 (b. 3 Apr 1880, d. 16 Apr 1946); Kew 1: 109.

BIOFILE: Anon., Bull. Soc. mycol. France 100(4): ccvii-ccviii. 1984 (portr. in group, activity in Soc. mycol. France).

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Verdoorn, F., *Chron. bot.* 2: 84, 85, 266, 380. 1936, 3: 69, 71. 1937, 6: 267. 1941 (activities at LG, collections, societies).

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Publ.: 1937 (p. 50: 30 Apr 1937), cover-t.p., p. [41]-50. *Copy*: B. – Reprinted and to be cited from Bull. Soc. roy. bot. Belgique 70(1): 41-50. 1937.

Baas, Josef (1908-x), German (Offenbach a. M. born) botanist, educated at the Oberrealschule am Stadthaus at Offenbach a. M., studied natural sciences at the University of Frankfurt a. M. 1926-1932. (*J. Baas*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Verdoorn, F., *Chron. bot.* 2: 149. 1936 (terminates assistantship at Senckenb. Bot. Inst. Goethe Univ. Frankfurt 31 Mar 1936).

19.753. *Eine frühdiluviale Flora im Mainzer Becken*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Naturwissenschaftlichen Fakultät der Universität Frankfurt a. M. ... Jena (Verlag von Gustav Fischer) 1932. Oct. (*Frühdiluv. Fl. Mainz. Becken*).

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Baas Becking, Laurens [Lourens] **Gerhard Marinus** (1895-1963), Dutch botanist, studied briefly at the Technical University of Delft, from 1919 studying biology at the University of Utrecht, assistant at the Department of general botany with F.A.F.C. Went 1918, first doctoral examination 1919, studied with T.H. Morgan in California 1919-1921, Dr. phil. Utrecht 1921, professor of botany at Stanford University 1921-1927, lecturing in the Netherlands 1927-1928, director of the Jacques Loeb Marine Laboratory in Pacific Grove 1928-1930, professor of general botany at the University of Leiden 1930-1940, travelled in Australia 1936, director of the Buitenzorg Botanical Garden 1946-1948, with the United Nations South Pacific Commission in Noumea (New Caledonia), ultimately living in Australia. (*Baas Becking*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 96; IH 2: 47; Kew 1: 109.

BIOFILE: Anon., *Kew Bull.* 1939(2): 100. 8 Apr 1939 (apptd. director Buitenzorg); *Het Vaderland*, 's Gravenhage 8 Jan 1963; *Nature* 198(4876): 134. 1963 (obit.).

Jacobs, M., *Herman Johannes Lam* 173. 1984 (brief sketch of life and work, portr.).

Kalkman, C. and P. Smit, eds., *Blumea* 25(1): 68. 1979.

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MANUSCRIPTS: See M. Mozley, Guide to mss. records Australian Science 8. 1966; see also H.F. Linskens, Vakbl. Biol. 63(13): 230-232. 1983 (major manuscript, 10 copies distributed 1983 by Royal Acad. Sci., Netherlands).

19-754. The origin of the vascular structure in the genus *Botrychium*; with notes on the general anatomy ... Utrecht (A. Oosthoek) 1921. Oct.

Publ.: 1921, p. [i], [333]-372, *pl.* 5-6. *Copy*: U. – Reprinted and to be cited from Rec. Trav. bot. néerl. 18: 333-372, *pl.* 5-6. 1921.

19-755. 's Landsplantentuin te Buitenzorg ... s.l.n.d. [1940]. Oct. (*Lands Plantentuin Buitenzorg*).

Publ.: 1940, p. [1]-8. *Copy*: L. – Independent, undated brochure.

Babcock, Ernest Brown (1877-1954), American botanist, born in Edgerton, Wisc., came to California 1896, educated at the Los Angeles Normal School and the University of California, B.S. 1905, assistant at the Biological Faculty ib. 1907, chairman of the Division of Genetics, College of Agriculture ib. 1913-1947, studied *Crepis* from a genetic and evolutionary point of view, L.L.D. Univ. California 1947. (*Babc.*).

HERBARIUM and TYPES: UC. – Further material at B (*Crepis*), G (id.), GH. – Field notes at UC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 96 (b. 10 Jul 1877, d. 8 Dec 1954); Hortus 3: 1187; IH 2: 47; Kew 1: 109-111; NW p. 39; TL-2/5: 12.848, 12.852, 12.856, 12.858, see also W.A. Setchell; Tucker 1: 764; Urban-Berl. p. 326.

BIOFILE: Bullock, A.A., Bibl. S. Afr. bot. 5. 1978.

Ewan, J. et al., Leafl. W. Bot. 7(3): 76. 1953; Short hist. bot. U.S. 56, 65, 111, 113. 1969.

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(2) With id., *Amer. sp. Crepis* 1938, TL-2/12.852, Babcock senior author.

(3) With id., *The effect of polyploidy* ... 1939, TL-2/12.856.

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2: 31 Oct 1914 (in journal), cover-t.p., p. [47]-70, *pl. 13-19*. – Id. 2(2). 1914.

3: 20 Sep 1916 (in journal), p. [71]-80, *pl. 20-21*. – Id. 2(3). 1916.

Copies: L., U.

19.757. *Genetics in relation to agriculture ...* New York (McGraw-Hill Book Company...) London (Hill Publishing Co., ...) 1918. Oct. (*Genetics agriculture*).

Co-author: Roy Elwood Clausen (1891-1956).

Publ.: 1918, p. [i-iii], frontisp. (*pl. 1*), [iii-v], [ix]-xx, 1-675, *pl. 2-4* (col.). *Copies:* NY, U.

Ed. 2: 1927 (MO rd. 28 Jan 1928, copyright 1927), p. [i]-xiv, [1]-673, *pl. 1-3* (col.). *Copies:* MO, NY. – Parts i and iii revised by Clausen, part ii by Babcock.

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Co-author: Julius Lloyd Collins (1889-?).

I: 19 Oct 1920 (in journal), cover-t.p., p. [191]-204, *pl. 36-38* (uncol. phot.). *Copies:* B, L, U.

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Abstract: Nov 1920 (in journal), cover-t.p., p. [670]-673. *Copy:* L. – Reprinted and to be cited from Proc. Natl. Acad. Sci. 6(11): 670-673. 1920.

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Co-author: Julius Lloyd Collins (1889-?).

Publ.: 6 Oct 1922 (in journal), p. 1-2. *Copy:* B. – Reprinted and to be cited from Science 56(1449): 392-393. 1922.

Followed by: *Inheritance of glandular pubescence in Crepis capillaris* (L.) Wallr., by E.B. Babcock and J.L. Lloyd, Science 56(1449): 393. 6 Oct 1922 (p. 3 of reprint).

19.761. *Remarkable variations in Tarweeds ...* Reprinted ... from the Journal of Heredity ... 1924. Oct.

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Publ.: 11 Apr 1924 (in journal), p. [1]-2. *Copy:* G. – Reprinted and to be cited from Science 59(1528): 327-328. 1924.

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Co-author: Harvey Munroe Hall (1874-1932), see TL-2/2: 18-19.

Publ.: 31 Dec 1924, cover-t.p., p. [i-ii], [15]-100, *pl. 1-7* (uncol. phot.). *Copies:* G, L. – Reprinted and to be cited from Univ. Calif. Publ. Bot. 13(2): 15-100, *pl. 1-7*. 1924.

- 19.766.** *Chromosome number and individuality in the genus Crepis*. II. The chromosomes and taxonomic relationships ... University of California Publications in Agricultural Sciences ... 1926. Oct.
Co-author: Margaret Mann Lesley (Margaret Campbell Lesley, née Mann) (1891-x); sole author of part I of *Chromosome number ... Crepis: A comparative study of the chromosome number and dimensions of nineteen species*, Univ. Calif. Publ. Agr. Sci. 2(10): 297-314, pl. 53. Mar 1925.
Publ.: 6 Mar 1926 (in journal), cover-t.p., p. [315]-341. *Copies:* G, L, U. – Univ. Calif. Publ. Agr. Sci. 2(11): 315-341. 1926.
- 19.767.** *New species of Crepis from southern Asia* ... Berkeley, California (University of California Press) 1928. Oct.
Publ.: 3 Dec 1928 (date on p. [iii]; Nat. Nov. Mar 1929), cover-t.p., p. [i-ii], [323]-333. *Copies:* B, G, U. – Reprinted and to be cited from Univ. Calif. Publ. Bot. 14(13): 323-333. 1928.
- 19.768.** *Meiosis in two species and three hybrids of Crepis and its bearing on taxonomic relationship* ... University of California Publications in Agricultural Sciences ... 1929. Oct.
Co-author: Jens Christian Clausen (1891-1969).
Publ.: 8 Mai 1929 (in journal), cover-t.p., p. [i-ii], [401]-432, pl. 58-61 (uncol.). *Copies:* KNAW, L, U. – Reprinted and to be cited from Univ. Calif. Publ. Agr. Sci. 2(15): 401-432, pl. 58-61. 1929.
- 19.769.** *Chromosomes and phylogeny in Crepis* ... Berkeley, California (University of California Press) 1930. Oct. (*Chromos. phylog. Crepis*).
Senior author: [Edna] Lillian Hollingshead (1900-x), married 7 Sep 1931 Forest Frank Hill.
 [I]: 4 Jan 1930 (p. ii), cover-t.p., p. [i-ii], [1]-53. *Copy:* U. – Issued as Univ. Calif. Publ. Agr. Sci. 6(1): 1-53. 1930.
 2: 11 Oct 1934 (p. ii), cover-t.p., p. [i-ii], 287-324. *Copy:* U. – Id. 6(11): 287-384. 1934.
Authorship: Babcock, senior author, with Donald Ross Cameron (1907-x). – II. The relationships of one hundred eight species.
 3: 30 Nov 1943 (p. ii), cover-t.p., p. [i-iii], 241-292. *Copy:* U. – Id. 18(12): 242-292. 1943.
Authorship: Babcock, senior author, with James Angus Jenkins (1904-x). – III. The relationship of one hundred and thirteen species.
- 19.770.** *The genus Crepis* ... Reprint from *Bibliographia genetica* ... The Hague (Martinus Nijhoff) 1930. Oct.
Publ.: 1930, cover-t.p., p. [1]-90. *Copy:* L. – Reprinted and to be cited from *Bibl. genet.* 6: 1-90. 1930.
- 19.771.** *Cytogenetics and the species-concept* ... *The American Naturalist* ... 1931. Oct.
Publ.: Jan-Feb 1931, p. 5-18. *Copy:* B (mimeographed!). – Reprinted and to be cited from *Amer. Naturalist* 65(696): 5-18. 1931.
- 19.772.** *Genetic evolutionary processes* ... Reprinted from the *Proceedings of the National Academy of Sciences* ... 1934. Oct.
Publ.: Sep 1934 (in journal), cover-t.p., p. [510]-515. *Copy:* G. – Reprinted and to be cited from *Proc. Natl. Acad. Sci.* 20(9): 510-515. 1934.
- 19.773.** *Meiosis in certain interspecific hybrids in Crepis and its bearing on taxonomic relationship* ... Berkeley, California (University of California Press) 1936. Oct. (*Meiosis intersp. hybr. Crepis*).
Co-author: Samuel Leonard Emsweiler (1898-x).
Publ.: 27 Nov 1936 (p. ii), cover-t.p., p. [i-ii], 325-368, pl. 14-15 (uncol. phot.). *Copy:* U. – Issued as Univ. Calif. Publ. Agric. Sci. 6(12): 325-368, pl. 14-15. 1936.

19.774. *Crepis foetida* and four closely related species ... Extracted from The Journal of Botany ... 1938. Oct.

Publ.: Jul 1938 (in journal), cover, p. [202]-211. *Copy*: G. – Reprinted and to be cited from J. Bot. 76: 202-211. 1938.

19.775. *A study of intra- and interspecific relations of Crepis foetida L.* ... Sonderabdruck aus der Zeitschrift für induktive Abstammungs- und Vererbungslehre ... 1938. Oct.

Co-author: Marion Elizabeth Cave (née Stilwell), (1904-x).

Publ.: 1938 (submitted 15 Jun 1938), cover-t.p., p. [124]-160. *Copies*: G, L. – Reprinted and to be cited from Z. indukt. Abstamm. Vererb.-Lehre 75(1): 124-160. 1938.

Babel, Augustus (fl. 1804), German (N.-Silesian from Brega [Briga, Brzeg]) physician, studied at Halle, Dr. med. ib. 1804. (*Babel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 97; BM 1: 79; PR 297, ed. 1: 372.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 336. 1877.

19.776. *De Graminum fabrica et oeconomia. Consensu Facultatis medicae Halensis praeside Justo Christiano Loder ... ut gradum doctoris medicinae et chirurgiae adipiscatur die x. Septembris mdccciv publice disputabit Augustus Babel Briga-Silesius ... Hallae [Halle] (in officina Batheana) [1804]. Qu. (Gram. fabrica).*

Publ.: 10 Sep 1804 (date defense thesis), p. [1]-31, [32, theses], 1 pl. (uncol. copp. A.G. Eberhard). *Copies*: B-S, GOET-UB.

* **Babey, Claude Marie Philibert** (1786-1848), French botanist. (*Babey*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 97 (d. 23 Jan 1848, Salins); BL 2: 108; BM 1: 79; Jackson p. 344; PR 296, ed. 1: 373; Rehder 1: 410; TL-2/1: 83; Tucker 1: 47.

19.777. *Flore jurassienne*, see TL-2/1: 83, no. 213. *Copies*: HH, MO; IDC 915. – The complete set was also marketed with covers dated 1846; the Börsenblatt, Leipzig, mentioned receipt of the vols. on 16 Jun 1846.

* **Babington, Charles Cardale** (1808-1895), British botanist, professor of botany at Cambridge, studied at the University of Cambridge (St. John's College) 1826, B.A. 1830, M.A. 1833, stayed with the University of Cambridge, professor of botany ib. 1861-1895. (*Bab.*).

HERBARIUM and TYPES: CGE (orig. herb. 55.000), further material at B, BM (*Rubus* coll. first set), BFY, BR, CN, DBN, E, FI, G, GL, K, LINN, MANCH, OXF, W, WECO.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 332, 6(1): 566; Backer p. 49; Barnhart 1: 97; BB p. 12; BL 2: 625 [index]; BM 1: 79, 208, 6: 44; Bossert p. 19; Clokie p. 123; CSP 1: 136-139, 7: 62, 9: 91, 12: 33, 13: 230; Desmond p. 25-26 (b. 23 Nov 1808, Ludlow, Shropsh., d. 22 Jul 1895, Cambridge); De Toni 4: iv; DNB suppl. 1, 1: 90-92; DSB 1: 358-359 (by R.G.C. Desmond); Frank 3(Anh.): 6; GR p. 368; GR, cat. p. 60; Hegi 3: 245 (biogr. footnote); Hortus 2: 1187; IF 675; IH 2: 47; Jackson p. 517 [index]; Kew 1: 111-112; LS 1367-1374; Morren ed. 2, p. 25, ed. 10, p. 74; PR 298-304, 378, ed.1: 374-378; Rehder 1: 34, 5(index): 36-37; TL-1: 10; TL-2/1: 83-85, 2: 1176, 3176, 5: 11.610, see also sub P.S. Pallas, F. Townsend, H.M. Ward, H.C. Watson, A.J. Wilmott; Tucker 1: 47; Zander ed. 10, p. 594, 629-670, ed. 11, p. 715.

BIOFILE: Aderhold, R.F.T., Gen.-Reg. Bot. Zeit. 94. 1895 (list of reviews).

Allen, D.E., The naturalist in Britain 76, 103, 106, 108, 109, 178, 183-184, 185. 1976; The

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(2) With J.H. Balfour and W.H. Campbell, *A catalogue of British plants*. Part first, containing the flowering plants and ferns, second edition, Edinburgh 1841, p. [i-iii], [1]-16. *Copies*: G(2).

NOTE ON OTHER BOTANICAL BABINGTONS: (see Desmond p. 25-26):

1. *Benjamin Guy Babington* (1794-1866), midship man, Royal Navy, collected plants in Mauritius 1811-1812.
2. Rev. *Churchill Babington* (1821-1889), cousin of C.C. Babington, lichenologist, see below for further treatment.
3. Rev. *Joseph Babington* (1768-1826), father of C.C. Babington, physician at Ludlow; some herbarium material at CGE.

19.778. *The British Rubi* an attempt to discriminate the species of *Rubus* known to inhabit the British Isles ... London (John van Voorst, ...) 1869. Duod. (on half-sheets). (*Brit. Rubi*). *Publ.*: Jul 1869 (p. viii: 1 Mai 1869; J. Bot. Aug 1869; Flora 27 Dec 1869, note), p. [i*-ii*], [i]-viii, [x-xii], [1]-305. *Copies*: B-S, G, L, MO, NY.

Preliminary papers: *Trans. Bot. Soc. Edinburgh* 2: 245-276. 1846, 3: 1-7, 51-61. 1847; *Ann. nat. Hist.* 17: 165-175, 235-248, 314-322. 1846, 19: 17-19, 83-87. 1846, ser. 2.2: 32-43.

1848 (*A synopsis of British Rubi*). – Also p.p. published as a pamphlet, 34 p., 1846.

Ref.: Anon., *J. Bot.* 7: 304-308. Oct 1869 (review).

Bagnall, J.E., *Fl. Warwicksh.* 503. 1891.

Babington, Churchill (1821-1889), British clergyman, lichenologist and archeologist, cousin of C.C. Babington, educated by his father (Rev. Mathew Drake Babington), St. John's College, Cambridge 1839, graduated 1843, Fellow St. John's College 1856, held the chapelry of Horningsey nr. Cambridge 1848-1861, obtained the living of Cockfield (as rector), Suffolk 1866-1889, D.D. 1879, Hon. fellow St. John's College 1880. (*Church. Bab.*)

HERBARIUM and TYPES: BM (Lichen herb.) [CGE (Lichen herb. fide Desmond)], further material at K, L, OXF, VER, W, WAG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 97; BL 2: 254, 266; BM 1: 79; CSP 1: 139, 13: 221; Desmond p. 25; IH 2: 47; Kew 1: 112; PR p. 11 (name only); SBC p. 115 ("Bab."); TL-2/2783.

BIOFILE: Anon., *J. Bot.* 27: 110-111. 1889 (obit., b. 11 Mar 1821, Roecliffe, d. 12 Jan 1889 at Cockfield); *Bot. Not.* 1890: 45 (d.).

Bridson, G.D.R. et al., *Nat. hist. mss. res. Brit. Isl.* 229.278. 1980.

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Hawksworth, D.L. and M.R.D. Seaward, *Lichenology Brit. Isl.* 21 (mss.), 197. 1977 (lichens at BM).

Horwood, A.R. and C.W.F. Noel, *Flora Leicestershire* ccxii. 1933.

Laundon, J.R., *Lichenologist* 11(1): 6. 1979 (Lichen herb. at BM, VER, abbrev.: Church. Bab.).

Sayre, G., *Mem. New York Bot. Gard.* 19(3): 284. 1975.

Stearn, W.T., *Nat. Hist. Mus. S. Kensington* 312. 1981 (lichen herb. at BM).

COMPOSITE WORKS: (1) Co-author W.M. Hind et al., *Fl. Suffolk* 1889, see TL-2/2783.

MANUSCRIPTS: A mss. in LINN *Remarks on British lichens and fungi* may be from Church. Bab., fide D.L. Hawksworth and M.R.D. Seaward, *Lichenology British Isles* 51. 1977.

19.779. *Lichenes Himalayenses*: being an enumeration of the lichens collected in the Himalaya Mountains by Captain R. Strachey, of the Bengal Engineers and J.F. Winterbottom Esq., F.L.S. during the years 1847 and 1848 ... [J. Bot. Kew Gard. misc. ... 1852]. Oct.

Publ.: Aug 1852 (in journal), p. [1]-10. *Copy*: G. – Reprinted and to be cited from *J. Bot. Kew Gard. misc.* 4: 243-252. 1852.

Baccarini, Pasquale (1858-1919), Italian botanist, studied at the University of Roma and was assistant at the Botanical Institute, subsequently at Pavia, Avellina, Catania (1891, habil., 1892 director botanical garden), professor of botany at the R. Scuola di viticoltura, ultimately professor of botany and director of the botanical garden in Firenze (*Bacc.*).

HERBARIUM and TYPES: CAT, E, FI, MOD, PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 97 (b. 4 Apr 1858 [Faenza], d. 26 Jul 1919 [Firenze]); BL 2: 345, 346; BM 1: 80; CSP 13: 222; IH 2: 47, 641; LS 1352, 1375, 1382-1406, 30.730-30.736; LS suppl. 1429-1434; Morren ed. 10, p. 81; Rehder 5(index): 37; Saccardo 1: 19 (b. 4 Apr 1858, Faenza); Tucker 1: 47.

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- 19.779a.** *Contribuzione allo studio della micologia romana ...* Roma (Tipografia della R. Accademia dei Lincei ...) 1885. Qu.
Co-author: Carlo Avetta (1861-1941), see sub Avetta.
Publ.: 1885 (Bull. Soc. bot. France rd. by 12 Feb 1886), cover-t.p., p. [1, t.p.], [3]-23, *pl. 16* (uncol. lith. F. Fazzone). *Copies:* B, G. – Reprinted and to be cited from Annuario R. Ist. bot. Roma 1(2): 161-181, *pl. 16* (id.). 1885.
- 19.780.** *Primo catalogo di funghi dell'Avellinese ...* Estratto dal Nuovo Giornale botanico italiano ... 1890. Oct.
Publ.: Jul 1890 (in journal; mss. dated Sep 1889), p. [347]-375. *Copy:* G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. 22: 347-375. 1890.
- 19.781.** *Sul sistema secretore delle Papilionacee. – Nota preliminare ...* [Genova (Tip. A. Ciminago, ... 1891)]. Oct.
Publ.: Jan-Mai 1891, p. [3]-7, [8, identif.]. *Copy:* B. – Reprinted and to be cited from Malpighia 4(9-10): 431-435. 1891.
Criticism: Paul Vuillemin, Bull. Soc. bot. France 38: 193-200. 1 Jun 1891; reply Baccarini: Malpighia 5: 219-220. 1891.
- 19.782.** *Contributo alla conoscenza dell'apparecchio albuminoso-tannico delle Leguminose ...* Genova (Tipografia di Angelo Ciminago ...) 1893. Oct.
Publ.: 1893 (in journal 1892-1893), cover-t.p., p. [1]-99, *pl. 21-26* (uncol. liths. auct.). *Copy:* B. – Reprinted and to be cited from Malpighia 6: 255-292. 1892, 325-356. 1892-1893, 557-563. 1893.
- 19.783.** *Sulla Genista aetnensis e le Genista junciformi della flora mediterranea ...* Genova (Tipografia di Angelo Ciminago ...) 1897. Oct.
Publ.: 1897 (Bull. Soc. bot. France rd. Jun-Nov 1897), cover-t.p., p. [1]-128, *pl. 1-6* (uncol. liths. auct.). *Copy:* B. – Reprinted and to be cited from Malpighia 11: 3-73, 125-180, *pl. 1-6*. 1897.
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Co-author: V. Scillamà.
Publ.: 1898, cover, p. [1]-49, *pl. 9-14* (uncol. liths. auct.). *Copy:* G. – Reprinted and to be cited from Contr. biol. veg. [Palermo] 2(2): 81-129. 1898.
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Co-author: P. Canarella.
Publ.: Jan-Jul 1899 (in journal; Nat. Nov. Sep (2) 1899), cover-t.p., p. [1]-60, *pl. 1-3* (uncol. liths.). *Copies:* B, G. – Issued as Atti Accad. Gioen. Catania 12(Mem. 18), ser. 4a, 60 p.
Preliminary note: Rendic. R. Accad. Lincei Roma 8: 317-320. 1899 (sem. 1).

19.786. I caratteri e la storia della *flora mediterranea*. Discorso pronunziato il 16 novembre 1898 per la solenne inaugurazione degli studi nella r. Università di Catania ... Catania (Tipografia Francesco Galati) 1899. Qu. (size). (*Car. fl. medit.*).

Publ.: Jan-Aug 1899 (Nat. Nov. Sep (1) 1899, Oct (1) 1899, Flora 14 Oct 1899, Bull. Soc. bot. France rd. Jul-Nov 1899, Bot. Centralbl. 20 Sep 1899), cover-t.p., p. [1]-40. *Copies*: B, MO.

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Publ.: 1900, p. [1]-4. *Copy*: G. – Reprinted from Boll. Accad. Gioenia Sci. nat. 64. 1900 (n.v.).

19.788. *Appunti sulla vegetazione* di alcune parti della *Sicilia orientale* ... Estratto dal Nuovo Giornale botanico italiano ... 1901. Oct.

Publ.: Jul-Oct (in journal), p. [1]-46. *Copy*: BR. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 8(3-4): 457-476. Jul and 577-602. Oct 1901.

19.789. *Appunti sulla anatomia delle Epacridee* ... [Estratto dal Nuovo Giornale botanico italiano ... 1902]. Oct.

Publ.: Jan 1902 (in journal), p. [1]-36, pl. 3-5 (uncol. liths.). *Copy*: G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 9(1): 81-114, pl. 3-5. 1902.

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Publ.: Oct 1905 (in journal), cover-t.p., p. [1, identif.], [3]-11. *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. ital. ser. 2. 12(4): 690-698. 1905.

* **Bach, Michael** (1808-1878), German botanist and entomologist, teacher at the college in Boppard. (*Bach*).

HERBARIUM and TYPES: Material in REG. Exsiccati: *Herbarium der seltern oder weniger bekannten Pflanzen Deutschlands der Flora des Mittel- und Niederrheins* (by Dec 1847 5 Lieferungen publ., 100 nos./Lief.), (see Ph. Wirtgen, Bot. Zeit. 5: 872. 1847).

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BIOFILE: Anon., Leopoldina 14: 115-117. 1878 (bibl.).

Bachinger, Augustin (fl. 1887-1904), Austrian highschool teacher and botanist, some time (ca. 1887-1904) teacher at the Landes-Real- und Obergymnasium Horn (Nieder-Österreich). (*Bachinger*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Sydow, P. and C. Mylius, *Botaniker-Kalender 1887*: 137 (h.t. "Real-Gymnasiallehrer, Horn, Nied.-Österr.").

19.794. *Beiträge zur Flora von Horn ... Horn* (Im Verlage des [Landes-Real-...] Gymnasiums). 1887. Oct. (*Beitr. Fl. Horn*).

Publ.: Jul-Aug 1887 (p. 2: preface Mai 1887, *Bot. Zeit.* 20 Sep 1887, *Nat. Nov.* Sep (2) 1887, *Bot. Centralbl.* 3-7 Oct 1887), p. [i, iii], [1]-37, [39-41]. *Copy*: B. – In "Programm zum xv. Jahresbericht des niederösterreichischen Landes-Real- und Obergymnasiums Horn 1887".

Neue Beiträge: Jun-Aug 1904, p. [1]-11. *Copy*: B. – Im Programm zum xxxii Jahresbericht ... 1904.

Ref.: Jetter ["J."], *Carl, ÖBZ* 37: 326. 1 Sep 1887 (rev.).

* **Bachlechner, Gregor** (1808-1873), Austrian botanist and teacher; canon at the Augustine convent nr. Brixen, director of the k.k. Stifftgymnasium [convent gym.] in Brixen. (*Bachlechner*).

HERBARIUM and TYPES: IBF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 98 (b. 3 Feb 1808, Assling, d. 27 Jul 1873, Brixen); BL 2: 407; BM 1: 80; CSP 1: 145, 7: 64; DTS 1: 12 (bibl.), 6(4): 37, 41 (erroneously as Georg B.); IH 2: 47; PR 313; Rehder 1: 441; TL-2/1: 85-86.

BIOFILE: Anon., 24. Prog. k.k. Gymnasium Brixen 27-28. 1874 (n.v., fide DTS).

19.795. *Verzeichnis der phanerogamen Pflanzen, welche in der Gegend von Brixen wildwachsen, mit Angabe einiger Fundorte und der Blüthezeit, um den Studierenden das Auffinden derselben zu erleichtern.* Nach Koch's Synopsis der deutschen Flora geordnet ... Brixen (Schnellpressendruck von A. Weger) 1859. Oct. (*Verz. phan. Pfl.*).

Regular publication: Jul-Aug 1859, p. [1]-88, [89-93]. *Copy*: IDC 8798.

Original publ.: in school programm (n.v.), p. [1]-88, [89-93], (possibly with page 94), 9. Programm des k.k. Gymnasiums zu Brixen, possibly Jul-Aug 1859; (fide Hohenbühel 1868).

Ref.: BM 1: 80 (incomplete), BL 2: 407, CSP 1: 145, DTS 1: 12.

Hohenbühel, F. von, *Bot. Zeit.* 26: 438-439. 1868 (sic, in a list of such programs issued 1842-1867).

19.796. Fünfzehntes Programm des kaiserl.-königl. Gymnasiums zu Brixen. Inhalt: *Beiträge zur Flora von Brixen.* Schulnachrichten vom Direktor. Ausgegeben am Ende des Schuljahres 1865. Brixen (Druck von A. Weger's Hof-Buchdruckerei) [1865]. Oct. (*Beitr. Fl. Brixen*).

Publ.: Jul-Aug 1865 (printing date "Ende Juni"), p. [i]-v, [6]-28, 1 chart, [i*, Anmerkung, corr. during printing dated June 1865]. *Copy*: IDC 8799.

Ref.: Anon., *Z. öst. Gymnasien* 1866: 271-272 (fide DTS).

Bachlechner, G., *ÖBZ* 16: 324-326. 1866.

Heufler, L., *Hedwigia* 5(4): 54. Apr 1866.

Schlechtendal, D.F.L. von, *Bot. Zeit.* 26: 425-427. 26 Jun 1868.

Bachman [Bachmann], Freda Marie (1878-?), American botanist studied and graduated from Miami University, Oxford, Ohio 1903-1907, A.B. 1907, Dr. phil. Univ. Wisconsin 1912, assistant botanist at Miami 1907-1908, at Wisconsin 1908-1912, professor of botany at Milwaukee 1912-1914, instructor in bacteriology Madison, Wisconsin from 1914. (*F.M. Bachman*).

BACHMAN

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 98 ("Bachmann", b. 7 Nov 1878, Genoa, Ohio); GR, cat. p. 60; LS 30.749; LS suppl. 1498; Moebius p. 113.

BIOFILE: Barber, L., The heyday of natural history 1820-1870. 59, 60, 95, 96-97, 194. London 1980.

Graustein, J.E., Thomas Nuttall 287, 322, 323-324. 1967.

Mears, J.A., Proc. Acad. nat. Sci. Philadelphia 133: 144. 1981 (herb. mat. at PH).

19.797. *Discomycetes* in the vicinity of *Oxford, Ohio* ... [Proceedings of the Ohio State Academy of Science ... 1908]. Oct.

Publ.: 1908, p. [i* journal title], [ii-iv], 19-70, *pl. i-iv*. *Copies*: B, G, L. – Published in Proc. Ohio State Acad. Sci. 5(2), special paper no. 14: 19-70. 1908.

Bachman, John (1790-1874), American clergyman (Lutheran pastor), ornithologist and botanist at Charleston, South Carolina, licenced to preach 1813, from 1815-1874 pastor of the Lutheran Church in Charleston, S.C., collaborator of Audubon. (*J. Bachman*).

HERBARIUM and TYPES: PH. – Correspondence with J. Torrey at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 98 (b. 4 Feb 1790, Rhinebeck, N.Y., d. 24 Feb 1874, Charleston, South Carolina); BL 1: 213; BM 1: 80; DAB 1: 466-467 (further biogr. refs.); Lenley p. 445; ME 1: 161, 3: 531 (contents); PR 314, ed. 1: 392; Tucker 1: 47.

BIOFILE: Wilson, J.G. and J. Fiske, Appleton's cycl. Amer. biogr. 1: 128. 1895 (d. 25 Feb 1874, sic).

19.798. *Catalogue of phaenogamous plants* and ferns, native or naturalized, found growing in the vicinity of *Charleston*, South Carolina, ... Charleston 1834. Oct. (*Cat. phaenog. pl. Charleston*).

Publ.: 1834, p. [1]-15. – Preprinted from South. Agr. 8: 189-196, 286-291. 1835 (fide BL 1: 213).

* **Bachmann, [Franz] Ewald [Theodor]** (1850-1937), German (Saxonian) botanist (lichenologist), at the teachers college in Dresden-Friedrichstadt 1865-1870; teacher in Riesa (Sachsen) 1870-1872, id. at the Dannerberg pre-gymnasium 1872-1875, at the University of Leipzig studying paedagogics and natural sciences 1875-1878, final teacher's examination 1878, Dr. phil. Leipzig 1881, teacher at the "Freimaurerinstitut für Töchter gebildeter Stände" Löbtau, Dresden 1878-1880, at the highschool in Plauen, Vogtland 1880-1915, at Radebeul, Sachsen 1915-1930, in retirement in Königsberg, Ostpreussen 1931-1937, to Kiel 1937. (*Bachm.*).

HERBARIUM and TYPES: Orig. herb. destroyed in Kiel; duplicates in B, W, WA, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 98 (b. 31 Mar 1850, d. 30 Apr 1937, Kiel); BM 1: 80; Bossert p. 19; CSP 9: 92, 12: 33, 13: 224; GR p. 2-3 (major source), pl. [12]; IH 2: 47; LS 1413-1423, 30745-30748 (see vol. 3: 2); LS suppl. 1451-1497; Saelan p. 115; TL-2/1: 86; Urban-Berl. p. 285.

BIOFILE: Anon., Ber. deut. bot. Ges. 55: 293. 1937 (d. 30 Apr 1937, Kiel); Hedwigia 77: (108). 1937 (d.).

Bachmann, Fr., Ber. deut. bot. Ges. 56: (125)-(139). 1939 (biogr., bibl., portr., b. 31 Mar 1850, Riesa, Sachsen; d. 30 Apr 1937, Kiel).

Diels, L., Ber. deut. bot. Ges. 55: 293. 1937 (d.).

Hawksworth, D., Mycologist's handb. 180. 1974.

Sayre, G., Bryologist 80(3): 503. 1977.

Schade, A., Natura lusat., Bautzen 5: 28. 1961 (lichens Oberlausitz).

NOTE: Franz Ewald Bachmann (1856- c. 1916), German (Posen) medical practitioner and naturalist, Dr. med. Würzburg 1883, went to S. Africa 1883-1888, colls. see IH 2: 47.

EPONYMY: *Bachmannia* Pax (1897). See M. Gunn and L.E. Codd, Bot. Expl. S. Afr. 84. 1981.

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Publ.: Mar-Apr 1881 (mss. subm. 29 Dec 1879; Flora rd. 21 Mai-15 Jun 1881; Bot. Zeit. 29 Apr 1881), p. [1]-179, *pl. 1-4* (uncol. liths. auct.). *Copies*: B-S, G(2), NY, U. – Issued as Nova Acta Leopoldina 43(1). 1881.

Ref.: [Engler, A.], Bot. Jahrb. 2: 335. 17 Nov 1881 (rev.).

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Publ.: Apr 1892 (“Ostern 1892” on t.p.), cover-t.p., p. [i], [1]-25, *1 pl.* (col. lith.). *Copy*: B. – Wissenschaftliche Beilage zum Programm der städtischen Realschule zu Plauen i.V. Ostern 1892 (ÖBZ 1 Jun 1892, Bot. Zeit. 24 Jun 1892).

Preliminary publ.: 25 Feb 1892 (in journal), p. [i, recto of p. 30], [30]-37, *pl. 2* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 10(1): 30-37. 1892.

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Copy: B. – Reprinted and to be cited from Ber. deut. bot. Ges. 31(1): 3-12. 1913.

Ref.: Hue, Abbé, Bull. Soc. bot. France 40(Bibl.): 144-145. 1893 (rev.).

19.801. *Die Flechten des Vogtlandes ...* Abhandlungen der naturwissenschaftlichen Gesellschaft Isis ... Dresden 1909. Oct. (*Flecht. Vogtland.*).

Publ.: 1909, p. [23]-42. *Copy*: B. – Preprinted and to be cited from [Sitzungsber. und] Abh. naturw. Ges. Isis, Dresden 1909(1): 23-42. 1910 (sic).

19.802. *Zur Flechtenflora des Frankenwaldes ...* Abhandlungen der naturwissenschaftlichen Gesellschaft Isis ... Dresden [1911]. Oct.

Publ.: 1911 (in journal, Heft 2 of vol. for 1910 publ. 1911, fide Fr. Bachmann 1939), p. [99]-112. *Copy*: B. – Reprinted and to be cited from [Sitzungsber. und] Abh. naturw. Ges. Isis, Dresden 1910(2): 99-112. 1911.

19.803. *Zur Flechtenflora des Erzgebirges ...* Sonderabdruck aus Hedwigia ... 1913-1914. Oct.

1 (*Rittersgrün*): 15 Mar 1913 (in journal), p. [99]-123. *Copy*: B. – Reprinted and to be cited from Hedwigia 53(2): 99-123. 1913.

2 (*Altenberg*): 1 Jul 1914 (in journal), cover, p. 157-182. *Copy*: L. – Id. 55(2): 157-182. 1914.

19.804. *Beitrag zur Flechtenflora der Insel Rügen ...* [Separat-Abdruck aus den Verhandlungen des Botanischen Vereins der Provinz Brandenburg ... 1912]. Oct.

Publ.: 20 Dec 1913 (in journal), p. [i, identif., recto of 106], [106]-130. *Copies*: B, L. – Reprinted and to be cited from Verh. bot. Ver. Prov. Brandenburg 55(2): 106-130. 1913.

19.805. *Nachträge und Berichtigungen zu den Flechtenfloren des Vogtlandes und Frankenwaldes ...* “Sonderabdruck aus den [Sitzungsber. und] Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden”. Dresden (Buchdruckerei der Wilhelm und Bertha v. Baensch Stiftung) 1916. Oct.

Publ.: 1916, cover-t.p., p. [65]-77. *Copy*: B. – Reprinted and to be cited from [Sitzungsber. und] Abh. naturw. Ges. Isis, Dresden 1915(2): 65-77. 1916.

19.806. *Der Thallus der Kalkflechten mit Chroolepus-, Scytonema- und Xanthocapsa-Gonidien ...* Halle (Druck von Ehrhardt Karras ...) 1919. Qu. (*Thallus Kalkflecht. Chroolep. Gonid.*).

Publ.: 1919 (mss. submitted 12 Apr 1918), p. [1]-80, *pl. 1-4* (col. liths.). *Copies*: B, U. – Issued as *Nova Acta Leopoldina* 105(1). 1919.

19.807. *Litauische Flechten ...* Sonderabdruck aus *Hedwigia ...* 1919. Oct.

Co-author: Fritz Bachmann (1887-1945), son of E. Bachmann.

Publ.: 15 Nov 1919 (p. 308-320), 15 Mar 1920 (p. 321-342), p. [i, cover], 308-342. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 61(3): 308-320. 15 Nov 1919, (4): 321-342. 15 Mar 1920. We have no indication that the separate is a partial preprint, issued before the printing of the last part.

Note on Fritz Bachmann (obit. and portr. H. Voerke, Ber. deut. bot. Ges. 68a (Heft 2): 185-186. 19 Mar 1956); born in Plauen im Vogtland 26 Dec 1887, at Gymnasium, Plauen, from 1907-1913 at the University of Leipzig (chemistry, later botany); Dr. phil. ib. 1913, on active service 1914-1918, at the University of Bonn 1919-1922, specializing in plant physiology, as such (ultimately as full professor) at the University of Leipzig 1922-1945.

19.808. *Über das Verhältnis der Gonidien zum Flechtenpilz ...* Sonderabdruck aus "Hedwigia" ... 1923. Oct.

Publ.: 28 Mar 1923 (p. 233-240), 24 Dec 1923 (p. 241-255), cover, p. 233-255. *Copy*: B. – Reprinted and to be cited from *Hedwigia* 64(2): 233-240. 28 Mar 1923 and 64(3): 241-255. 29 Dec 1923.

19.809. *Die Moriaceen ...* Saertryk av *Nyt Magazin for Naturvidenskaberne ...* 1926. Oct.

Publ.: shortly after 17 Jun 1926 (date of printing in journal), cover-t.p., p. [170]-228, *pl. 1-3* with text. *Copy*: B. – Reprinted and to be cited from *Nyt Mag. Naturvid.* 64: 170-228, *pl. 1-3*. 1926.

19.810. *Die Pilzgallen einiger Cladonien ...* Abdruck aus *Archiv für Protistenkunde ...* [(Verlag von Gustav Fischer ...) Jena 1927]. Oct.

[I]: 1927, cover [identif.], p. [58]-84. *Copy*: B. – Reprinted and to be cited from *Arch. Protistenk.* 57: 58-84. 1927.

2: 1927, cover [identif.], p. [373]-416. *Copy*: B. – Id. 59: 373-416. 1927.

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Bachmann, Hans (1866-1940), Swiss (Luzern) botanist, studied natural sciences at the University of Basel, Dr. phil. ib. 1895 with G.A. Klebs, from 1892-ca. 1932 teacher at the Kantonschule, Luzern, active hydrobiologist as well as longtime member of the hydrological commission of the Schweizerische naturforschende Gesellschaft. (*H. Bachm.*.)

HERBARIUM and TYPES: Unknown.

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Bachmann, Otto (fl. 1886), German pharmacist; Dr. phil. Erlangen 1886, teacher at the Agricultural School, Landsberg (Bayern). (*O. Bachm.*).

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Bacigalupi, Rimo Charles [Carlo] **Felix** [Felice] (1901-x), American botanist in the Bay area, A.B. Stanford University 1923, A.M. ib. 1925, Ph.D. Harvard 1931, assistant in botany Stanford 1923-1924, fellow in botany University of California 1926, also instructor in botany, Mills College 1925, later curator of the Jepson herbarium at the University of California, collected widely in the western United States. (*Bacig.*).

HERBARIUM and TYPES: JEPS (incl. field notes), DS. – Further material in HH, POM, RSA, S, WTU.

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* **Backeberg, Curt** (1894-1966), German author on succulent plants, educated in Lüneburg, merchant with various firms 1919-1924, from 1925 running an export firm oriented towards South America, amateur collector of cacti, travelled widely in Mexico and South America from 1930 publishing extensively on cacti, curator of the botanical garden of J. Marnier-Lapostolle, Les Cèdres, 1951-1955. (*Backeb.*)

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* **Backer, Cornelis Andries** (1874-1963), Dutch botanist, originally school teacher in the Netherlands, moved to the Dutch East Indies 1901, teacher at Weltevreden (h.t. part of Batavia/Djakarta), appointed botanist at the Herbarium of the Buitenzorg (Bogor) Botanical Gardens 1905, from 1914-1924 botanist for the Java flora; working at a weed flora at the Java Sugar Industry, Pasuruan, Java 1924-1931, from 1931 resident in the Netherlands (Heemstede) working on the flora of Java, Dr. h.c. University of Utrecht 1936. (*Backer*).

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19.842. *The genera Gynura and Crassocephalum in Java* ... Extrait du Recueil des Travaux botaniques Néerlandais ... 1939. Oct.
 Publ.: 18 Mai 1939 (in journal; in series of several publ. dedicated to A.A. Pulle on his silver jubilee as professor of plant taxonomy in Utrecht), p. [449]-459. Copies: FAS, U. – Reprinted and to be cited from Rec. Trav. bot. Néerl. 36: 449-459, also issued as Meded. Bot. Mus. Rijksuniv. Utrecht 58, 1939.

Backer, Gerard (fl. 1829), Dutch physician, Dr. med. Groningen 1829. (*G. Backer*).

HERBARIUM and TYPES: Unknown. – Some material labeled G. Backer at L may stem from this author.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 99; BM 1: 81; IH 2: 47(?); PR 315, ed. 1: 393.

19.843. *Dissertatio botanico-medico inauguralis, de radicum plantarum physiologia, earumque virtutibus medicis, plantarum physiologia illustrandus, quam favente summo numine, ex auctoritate rectoris magnifici Gerardi Wolters, ... nec non amplissimi Senatus academici consensu et nobilissimae facultatis medicae decreto, pro gradu doctoratus, summisque in medicina honoribus ac privilegiis, in Academia Groningana rite ac legitime consequendis, publico et solemnino examini submittit Gerardus Backer, Amstelodamensis. Die xvii Junii mdcccxxix. Hora xi, in auditorio literario. Amstelodami (Amsterdam) (typis H. van Munster et fil.) [1829]. Oct.*

Publ.: 17 Jun 1829 (date of defense thesis), p. [i, blank], [iii]-xvi, [1]-108, [i, err.]. *Copy*: B-S.

* **Backhouse, James Sr.** (1794-1869), British nurseryman, missionary, traveller and botanist; purchased a nursery at York 1815, active Quaker minister from 1824; sent out as a missionary to Australia September 1831, arriving in Hobart, February 1832, travelled 1832-1838 in Tasmania, New South Wales, South and Western Australia; to Mauritius and South Africa 1838-1840, back in England 1841, again in charge of his nursery, visited Norway 1851, 1853, 1860. (*Backhouse*).

HERBARIUM and TYPES: Australian material at MEL and MO, some at DBN, E, K and OXF; British material at E, GL, K. — See also C. Simms (1976).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 99 (b. 8 Jul 1794, Darlington, d. 20 Jan 1869, York); BB p. 13; BM 1: 81, 6: 45; Clokie p. 123; CSP 1: 147, 6: 573, 7: 65, 13: 227; Desmond p. 26 (b. 8 Jul 1794, Darlington, Durham; d. 20 Jan 1869, York); HR; IH 2: 48; Jackson p. 402; Kew 1: 114; LS 1428-1429; MW p. 528; Rehder 1: 505, 2: 21, 368, 792, 3: 283; TL-2/1: 88-89; Tucker 1: 48.

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Ass. Adv. Sci. 1907: 172-173. 1909, 1909: 374. 1910; Victorian Naturalist 25: 102. 1908.

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Publ.: 1843 (p. xviii: dated 15 Dec 1842), frontisp., p. [i]-xviii, [1]-560, [i]-cxliv (append.), 3 unnumb. maps, 15 etchings in text. *Copy*: U.

19.845. *A narrative of a visit to the Mauritius and South Africa*, London (Hamilton, Adams, and Co. ...), York (John L. Linney) 1844. Oct. (*Narr. visit Mauritius S. Afr.*).
Publ.: 1844 (p. xvi signed 20 Mar 1844), frontisp., p. [i]-xvi, map, [1]-648, [i]-lvi, 15 unnumb. liths. (in text). *Copy*: U.

Backhouse, James, Jr. (1825-1890), British nurseryman and botanist, son of James Backhouse Sr., in charge, in the beginning with his father, of a nursery in York, travelled with him to Norway 1851, Ireland 1854, Scotland 1845, 1859, as well as in various parts of England. (*J. Backhouse Jr.*).

HERBARIUM and TYPES: YRK; further material at CGE, E, FI, K. Sets of British *Hieracia* in BM, GL, OXF. – Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 99 (b. 22 Oct 1825, d. 31 Aug 1890); BM 1: 81; CSP 1: 147, 13: 227; Desmond p. 26 (b. York 22 Oct 1825, d. ib. 31 Aug 1890); Hortus 3: 1187; IH 2: 48; Jackson p. 238; Kew 1: 114; PR 316; TL-2/1: 89 (note); Zander ed. 10, p. 630, ed. 11, p. 715.

BIOFILE: Anon., Bot. Not. 1891: 45.
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Schlechtendal, D.F.L. von, Bot. Zeit. 15: 559-560. 1857 (rev.).
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Backman, Albin Lonnart (1880-?), Finnish forester and botanist. (*A.L. Backm.*).

HERBARIUM and TYPES: H, further material at GB, HSI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 99; BL 2: 77, 91; Collander Hist. p. 71, 88, 126; GR p. 614 (b. 18 Apr 1880, Tampere); IH 2: 48.

BIOFILE: VanLandingham, S.L., Catal. Diat. 4: 2288. 1971, 6: 3509. 1978, 7: 4148. 1978.

19.847. *Floran i Lappajärvi jämte omnäjd ...* Helsingfors (Helsinki) (Acta Societatis pro fauna et flora fennica). 1909. Oct. (*Fl. Lappajärvi*).

Publ.: Jun-Jul 1909 (Nat. Nov. Aug (1) 1909), p. [1]-138, [139], folding map (col.). *Copies*:

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19.848. *Die fossile Diatomeenflora in Österbotten ...* [Acta Forestalia Fennica ... Helsingforsiae. 1922]. Oct.

Co-author: A. Cleve-von Euler (1875-1968).

Publ.: 1922, p. [1]-73, [74], *pl. 1* (uncol. lith.), 1-18 (folding tables). *Copy*: L. – Issued as Acta Forest. Fenn. 22, 1922.

19.849. *Om den Åländska skogens förhistoria ett förelöpande meddelande ...* Über die Vorgeschichte des Åländischen Waldes vorläufige Mitteilung ... Acta Forest. Fenn. ... 1934. Oct. (*Åland. skog. förhist.*).

Publ.: 1934, p. [1]-31. *Copy*: L. – Issued as Acta Forest. Fenn. 40(20), also with journal pagination p. [485]-515. – Collander et al. no. 27. – German abstract on p. [27]-31.

Ref.: Wangerin, W.L., Bot. Centralbl. ser. 2. 26: 314-315. 1936.

Backman, Carl Johan (1822-1898), Swedish botanist and teacher, studied in Uppsala 1840-1845, Dr. phil. ib. 1845, teacher at a secondary school at Luleå 1855, rector ib. 1859-1884, "lektor" ib. 1884-1888. (*C.J. Backm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 99 (b. 2 Mai 1822, Frösön, d. 1 Mai 1896, Stockholm); BL 2: 515-516; KR p. 64-65; Morren ed. 10, p. 105.

BIOFILE: Anon., Bot. Not. 1898: 116 (d.); Nat. Nov. 20(19): 533. 1898 (d.); ÖBZ 48: 279. 1898 (d.).

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19.850. *Elementarflora öfver Vesterbottens och Lapplands fanerogamer och bräkenartade Växter ...* Luleå (J.A. Westman) [1878]. Oct. (*Elem.-fl. Vesterbott. Lappl. fan.*).

Co-author: Viktor Ferdinand Holm (1834-1894), KR p. 301.

Publ.: Sep-Dec 1878 (p. iii: 1 Sep 1878; Nat. Nov. Jun (2) 1879), cover-t.p., p. [i*-ii*], [i]-v, [1]-268. *Copy*: G. – See preliminary publ., 1874, with same title, 72 p., publ. in Luleå H. El.-lärov. Årsber. Läsåret 1874-1875, KR no. 2a.

Badet, Michel (fl. 1934), French mycologist, Dr. pharm. 1934. (*Badet*).

HERBARIUM and TYPES: Unknown.

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Prèface: Auguste Theodore Sartory (1881-1950), TL-2/5: 59-62.

Publ.: 15-31 Dec 1934 (printed 15 Dec 1934 (see p. 198), t.p. dated 1934), cover-t.p., p. [i*, h.t.], [i]-v, [vi-vii], [1]-196, [198, printer's data]. *Copy*: L.

Badger, Mrs. C.M. (fl. 1859), American botanical artist. (*Badger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 46, 215; ME 3: 482; NI 56-57; Rehder 1: 307; Tucker 1: 48.

19.852. *Wild flowers* drawn and colored from nature ... New York (Charles Scribner, ...), London (Sampson Low, Son & Co., ...) 1859. Qu. (*Wild fl.*).

Introduction: Mrs. L.H. Sigourney.

Publ.: 1859, frontisp., p. [i]-vii, [1]-43, [44], 26 color plates, unnumbered [sic, the regular number of plates cited in the literature is 22]. *Copy*: NY.

* **Badham, Charles David** (1806-1857), British clergyman, mycologist, and entomologist, educated at Eton, studied at Cambridge (Emmanuel), B.A. ib. 1826, at Oxford (Pembroke), M.A. 1829, M.B. 1828, M.D. 1833; practised in Rome, Paris, and in Norfolk; ultimately curate at East Bergholt, Suffolk 1849-1855. (*Badham*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 101; BB p. 14; BM 1: 82; Desmond p. 27 (b. 27 Aug 1805, London, d. East Bergholt, Suffolk, 14 Jul 1857); DNB 2: 387-388; Jackson p. 244; Kew 1: 115; LS 1431-1432; NI 58; PR 320; Stevenson p. 1234.

BIOFILE: Ainsworth, G.C., *Intr. hist. mycol.* 1: 183, 316. 1976.

Freeman, R.B., *Brit. nat. hist. books 1495-1900.* 35. 1980.

Rogers, D.P., *Brief hist. mycol. N. Amer. ed.* 2. 72. 1981.

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* **Baehni, Charles** (1906-1964), Swiss (Genève) botanist, studied at the University of Genève, Lic. Sci. 1928, teaching natural sciences in Germany 1928-1930, Dr. Sci. Genève 1932 (with R. Chodat), assistant at the Conservatoire et Jardin botaniques 1933, studied in Chicago, mainly with J.F. Macbride 1934-1935; director of the Conservatoire et Jardin botaniques succeeding B.F.G. Hochreutiner, 1943, also professor of systematic botany at the University of Genève; first president of the International Association for Plant Taxonomy (I.A.P.T.) 1950-1954, full professor of botany 1964. (*Baehni*).

HERBARIUM and TYPES: G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 101; Hortus 3: 1187; IH 2: 48; Kew 1: 116-117; TL-2/1: 90; Zander ed. 10, p. 630, ed. 11, p. 715.

BIOFILE: Anon., *Taxon* 1: 36. 1952 (photograph, with Ed. Comm. Nomencl.), 5: 3. 1956 (id.). Baehni, Ch., *Taxon* 14(2): 42-43. 1965 (posthumous note on the general philosophy of botanical nomenclature: "car tel est notre bon plaisir...").

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- (2) *Planchonella puulupensis* (with O. Degener), in O. Degener, *Fl. Hawâiensis* 1938, 2 p., 1 pl.
- (3) *Code international de la nomenclature botanique*, traduction française par Ch. Baehni, in J. Lanjouw et al., *International Code of botanical nomenclature* adopted by the Seventh International Botanical Congress, Stockholm, July 1950, Utrecht 1952, p. 160-219; also co-editor of the English original, *Regnum veg.* vol. 3. Sep 1952.
- (4) Proposed *International Code of Nomenclature for Cultivated plants*, with Roger de Vilmorin, French translation, *Regnum veg.* 3: 204-219. Sep 1952.
- (5) Co-editor, J. Lanjouw et al., *International Code of Botanical Nomenclature ... Regnum veg.* vol. 8, Utrecht, Dec. 1956, as well as id., *Regnum veg.* vol. 23, Dec 1961.
- (6) *Sapotaceae*, in J.F. Macbride et al., *Flora of Peru* 5a(3): 133-177. 27 Feb 1970, with Luciano Bernardi.
- (7) *Les Musées de Genève 1944-1963*; Baehni contributed many brief articles, written for a wider public, in this remarkable journal.

NOTE: *Opera Baehniana*, 2 vols. at G: an almost complete set of Baehni's publications (unicate assembled by L. Bernardi).

19.853. *Révision du genre Mollia* Mart. et Zucc. ... [Candollea ... 1934]. Oct.

Publ.: Apr 1934 (in journal), p. [1]-24, 1 pl. *Copies*: B, G. – Reprinted and to be cited from *Candollea* 5: 403-426, pl. 12. 1934.

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19.856. *Sur un genre nouveau de la famille des Icacinacées, Neoleretia* ... Extrait des Comptes Rendu des séances de la Société de physique et d'histoire de Genève ... 1936. Oct.

Publ.: Mar 1936 (in journal; read 20 Feb 1936), p. [33]-35. *Copy*: G. – Reprinted and to be cited from *C. R. Séanc. Soc. phys. hist.-nat. Genève* 53(1): 33-35. 1936.

19.857. *Plantes nouvelles du Pérou* (Sapotacées et Bixacée). ... *Candollea* ... 1936. Oct.

Publ.: Mar 1936 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from *Candollea* 7: 133-136. 1936.

19.858. *Révision des genres Neoleretia, Mappia et Humirianthera* ... *Candollea* ... 1936. Oct.

Publ.: Sep 1936 (in journal), p. [1]-18, pl. 4 (uncol. draw.). *Copy*: G. – Reprinted and to be cited from *Candollea* 7: 167-184, pl. 4. 1936.

- 19.859.** *Basistemon*, genre de Bignoniacées ... [Genève] Candollea ... 1936. Oct.
Co-author: [James] Francis Macbride (1892-1976), TL-2/3: 210-211.
Publ.: Sep 1936 (in journal), p. [185]-188. *Copy:* U. – Reprinted and to be cited from
 Candollea 7: 185-188. 1936.
- 19.860.** *Les Celtis sud-américains* ... Candollea ... [1937]. Oct.
Publ.: Feb 1937 (in journal), p. [189]-214. *Copy:* G. – Reprinted and to be cited from
 Candollea 7: 189-214. 1937.
- 19.861.** *Cardamine, Luxemburgia*. Notes de Nomenclature ... Candollea ... 1937. Oct.
Publ.: Nov 1937 (in journal), p. [279]-282. *Copy:* U. – Reprinted and to be cited from
 Candollea 7: 279-282. 1937.
- 19.862.** *Villadia et Altamiranoa* étude sur la fusion de deux genres de Crassulacées ...
 Candollea ... 1937. Oct.
Publ.: Nov 1937 (in journal), p. [283]-286. *Copies:* G, U. – Reprinted and to be cited from
 Candollea 7: 283-286. 1937.
- 19.863.** *Struthanthus et Phthirusa* envisagés comme congénériques ... Candollea ... 1937.
 Oct.
Co-author: [James] Francis Macbride (1892-1976), TL-2/3: 210-211.
Publ.: Dec 1937 (in journal), p. [287]-290. *Copy:* G. – Reprinted and to be cited from
 Candollea 7: 287-290. 1937.
- 19.864.** *Remarques sur les Cruciferae-Sisymbrieae* ... Candollea ... 1937. Oct.
Co-author: James Francis Macbride (1892-1976), TL-2/3: 210-211.
Publ.: Dec 1937 (in journal), p. [291]-296. *Copy:* U. – Reprinted and to be cited from
 Candollea 7: 291-296. 1937.
- 19.865.** *Note sur les inflorescences mâle et femelle du Scyphostegia borneensis* Stapf, ...
 Extrait du Bulletin de la Société botanique Suisse ... 1938. Oct.
Publ.: Jan-Jun 1938 (mss. rd. 15 Sep 1937), p. [22]-28. *Copy:* G. – Reprinted and to be cited
 from Bull. Soc. bot. Suisse 48: 22-28. 1938.
- 19.866.** *Mémoires sur les Sapotacées* I. Système de classification ... Genève ... 1938. Oct.
 1: Oct 1938 (date on cover-t.p.), cover-t.p., [1]-114, [115]. *Copy:* U. – Reprinted and to be
 cited from Candollea 7: 394-508. 1938.
 2: Dec 1942, (II. Le genre Pouteria), Candollea 9: 147-476. 1942. – “2. *Le genre Pouteria*”.
 3: 1965, Boissiera 11: 1-262. 1965. – “3. *Inventaire des genres*”.
- 19.867.** *Polygonanthus*, genre de Saxifragacées ... [Bulletin de la Société botanique de France
 ... 1939]. Oct.
Co-author: Pierre Dansereau (1911-x).
Publ.: 1939, cover, p. [183]-186. *Copy:* G. – Reprinted and to be cited from Bull. Soc. bot.
 France 86: 183-186. 1939.
- * **Baenitz, Carl** [Karl] **Gabriel** (1837-1913), German (Brandenburg, Preussen) botanist and
 highschool teacher; teacher's examination 1857; teacher at Sommerfeld, Görlitz, Bromberg
 and Königsberg i.Pr. (rector at the Löbenit'schen Mittelschule 1867), Dr. phil. Jena 1871,
 retired 1 Oct 1882; continued his activities publishing numerous sets of exsiccatae; ulti-
 mately in Breslau. (*Baen.*).

HERBARIUM and TYPES: See TL-2/1: 90 for exsiccatae. – Baenitz material was widely distributed;
 present e.g. in A, AK, AMD, B, B(Deut. Akad. Wiss.), BH, BHU, BM, BUC, CAI, CGE,
 CORD, CU, DBN, E, F, FH, FR, G, GB(major set), GE, GFW, GLM, GOET, H-BR, HAL, HBG,

HH, IBF, ILL, JE, K, KIEL, L, LAU, LE, M, MANCH, MOD, O, OXF, P(major set), PC, PH, PRC, S, SI, TO, US, W, WAG, WRSL(major set).

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Baenitz, C.G., ÖBZ 41: 427-428. 1891 (exsicc.).

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COMPOSITE WORKS: (1) Contributed specimens to Wilhelm Gottlieb Lasch (1787-1863) (TL-2/2: 761-762), *Herbarium norddeutscher Pflanzen* (exsiccatae), fasc. 1-8.

NOTES:(1) On TL-2/232, *Fl. östl. Niederlausitz* 1861; detailed review by Carl Bolle, *Bonplandia* 9: 237-238. 1 Sep 1861.

(2) On his set of exsiccatae *Die Keimpflanzen der Holzgewächse* see his paper on this subject in *Deut. bot. Monatschr.* 22(10): 145-149. Aug 1911, 22(11): 161-166. Sep 1911, 22(12): 177-181. Oct 1911.

19.868. *Beiträge zur Flora des Königreichs Polen ...* Königsberg (in Commission bei W. Koch). 1865. Qu.

Publ.: 1865, p. [77]-103. *Copies*: B-S, NY. – *Schriften Königl. Phys.-Ökon. Ges. Königsberg* 6(Abh.): 77-103. 1865.

19.869. *Die einheimischen Süßgräser in Beziehung zur Landwirtschaft ...* Berlin (Druck der E. Feitser'schen Buchdruckerei ...) 1866. Oct. (*Einheim. Süßgräser*).

Introduction: Karl [Heinrich Emil] Koch (1809-1879), TL-2/2: 589-591.

Publ.: 1866, p. [1]-19. *Copy*: B.

19.870. *Beiträge zur Flora des Königreichs Polen ...* Inaugural-Dissertation, der philosophischen Facultät zu Jena zur Erlangung der Doctorwürde vorgelegt von C. Baenitz Lehrer an der Mittelschule in Königsberg. Königsberg (Druck von Emil Rautenberg) 1871. Oct. (in half-sheets). (*Beitr. Fl. Polen*).

Publ.: Jan-Feb 1871 (*Bot. Zeit.* 24 Nov 1871), p. [1]-24. *Copy*: MO. – See also *Schriften Königl. Phys.-Ökon. Ges. Königsberg* 6(Abh.): 77-103, 9(Abh.): 52-56. 1868 (preliminary publ.).

Ref.: Ascherson, P. *Bot. Zeit.* 29(12): 182-185. 24 Mar 1871 (detailed review).

19.871. *Handbuch der Botanik* in populärer Darstellung. Nach dem natürlichen Systeme und unter steter Berücksichtigung des linnéischen Systems für höhere Lehranstalten und den Selbstunterricht ... Zweite, verbesserte und stark vermehrte Auflage ... Berlin (Verlag von Adolf Stubenrauch) 1880. Oct. (*Handb. Bot.*).

Ed. 1: Berlin 1877 (n.v.).

Ed. 2: 1880 (p. v.: 16 Mar 1880, preface), p. [i]-v, vi, [1]-516. *Copy:* B-S.

Bär, Johannes (1877-?), Swiss (Thurgau) botanist, studied at the University of Zürich, Dr. phil. ib. 1914, student of the flora of the Val Onsernone (Locarno, Tessin), some time curator at the herbarium of the Botanical Museum of the University of Zürich (Z). (*J. Bär*).

HERBARIUM and TYPES: Unknown (possibly at Z).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 101 (b. 2 Dec 1877, Tägerwiler, Thurgau); BFM no. 1032; BL 2: 584, 585; Kew 1: 117; LS suppl. 1: no. 1698; TL-2/10.710.

BIOFILE: Chiovenda, F., *Nuovo Giorn. bot. ital. ser. 2.* 31: 277. 1924 (lists four papers on Val Onsernone).

19.872. *Botanische Beobachtungen in Val Onsernone* ... Extrait du Bulletin de l'Herbier Boissier ... 1906. Oct.

Publ.: 31 Oct 1906 (in journal), p. [903]-934. *Copy:* G. – Reprinted and to be cited from Bull.

Herb. Boissier ser. 2. 6(11): 903-934. 1906. Preprint/reprint also in *Mitt. Bot. Mus. Univ.*

Zürich 32(1). 1906 – Pages 932-934 contain Aug. Binz, *Nachträge zur Flora der Schweiz: Neue Hieracienfunde*.

19.873. *Die Flora des Val Onsernone* (Bezirk Locarno, Kt. [Kanton] Tessin). Floristische und pflanzengeographische Studie. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät II der Universität Zürich ... Lugano (Druck von der Tipografia Luganese, Sanvito & C.) 1915. Oct. (*Fl. Val Onsernone*).

Publ.: 1915, cover-t.p., p. [1]-413, [415-416]. *Copy:* L. – *Mitt. bot. Mus. Univ. Zürich* 70; *Bol. Soc. Ticinese Sci. nat.* 11, 1915, 413 p.

Other [partial] issue: 1914, p. [223]-563. – Reprinted or preprinted from *Vierteljahrsschr.*

Naturf. Ges. Zürich 59: 223-563. 1914, issued as *Mitt. bot. Mus. Univ. Zürich* 69. *Copy:* L. *Reissue in condensed form:* see below *Val Onsernone* 1918.

19.874. *Die Vegetation des Val Onsernone* (Kanton Tessin) ... Zürich (Verlag von Rascher & Co.) 1918. Oct. (*Veg. Val Onsernone*).

Publ.: 15 Jun 1918 (date on t.p., *Nat. Nov. Jul* (1, 2) 1918), cover-t.p., p. [1]-80, 2 charts, 1 map (col.). *Copy:* U. – *Beitr. geobot. Landesaufnahme 5* (Pflanzengeogr. Komm. Schweiz. *Naturf. Ges.*).

Baerecke, John Frederick (1851-1920), American biologist, M.D. University of Georgia 1899; professor of biology in John B. Stetson University, DeLand, Florida. (*Baerecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 101; BL 1: 172; Tucker 1: 48.

19.875. *Analytical key to the ferns and flowering plants in the atlantic section of middle Florida*. (Wild and cultivated.) ... DeLand, Florida (The News Publishing Co., [1906]). Oct. (*Anal. key ferns fl. pl. Florida*).

Publ.: 1906 (copyright; NY rd. Aug 1907, *Bot. Centralbl.* 18 Feb 1908), actually late 1906 or early 1907, p. [1]-166. *Copy:* NY.

Ed. 2: 1914, 177 p., n.v., copy at HH.

Bärner, Johannes Max Wilhelm (1900-x), German (Saxonian) pharmacist, botanist and wood specialist; educated in Leipzig (elementary school) and Dresden (Reformgymnasium), on active service 1917-1918, studied pharmacy in Dresden, first phase 1920-1922, assistant in a Dresden pharmacy 1922-1923, final pharmaceutical study at the Friedrich-Wilhelms-Universität, Berlin, pharm. state exam. 1925, active in various pharmacies and at the Botanical Museum Berlin-Dahlem (with Gilg and Diels); Dr. phil. Berlin 1927; later assistant at the Biologische Reichsanstalt für Land- und Forstwirtschaft, Dahlem, working e.g. on the Bibliographie der Pflanzenschutzliteratur. (*Bärner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 102; BFM 2905; BL 2: 9; Kew 1: 117; LS suppl. 3600.

BIOFILE: Laux, W., Englera 7: 63. 1987 (Bibl. Pfl.-Schutz.-Lit.).

Verdoorn, F., Chron. bot. 1: 132. 1935 (at Biol. Reichsanst. Land- Forstwirtschaft.).

COMPOSITE WORKS: (1) *Bibliographie der Pflanzenschutzliteratur* 22 vols. 1921 (for the years 1914-1945), J. Bärner major compiler, see H. Melchior, Bot. Jahrb. 76(Lit.): 46-47. Aug 1955.

OUTSIDE OUR PERIOD: (1) With J.F. Mueller, *Die Nutzhölzer der Welt*, 3 vols., Neudamm 1942-1943; facsimile reprint Weinheim (J. Cramer) 1962, see Taxon 12: 171. 1963. – Bärner was senior author.

19.875a. *Serodiagnostische Verwandtschaftsforschungen innerhalb der Geraniales*, Sapindales, Rhamnales und Malvales. Inaugural-Dissertation verfasst und der Hohen Philosophischen Fakultät der Friedrich-Wilhelms-Universität Berlin zur Erlangung der philosophischen Doktorwürde ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele) G.m.b.H.) 1929. Qu. (*Serodiagn. Verw.-Forsch. Geraniales*).

Publ.: 25 Feb 1927 (date of promotion, date stamped on copy B), p. [i-iii], [1]-39, tables 1-5, [i*, vita]. *Copy*: B. – Also issued in Bibliotheca botanica Heft 94, *Beiträge zur serologischen Systematik der Pflanzen ...* same pagination [p. 41-83 by Hewig].

Ref.: Bärner, J., Bot. Jahrb. 61(Lit.): 54. 1927 (abstract).

Bäsecke, [Karl Heinrich Johannes] Paul (1877-1929), German (Braunschweig) pharmacist, educated at the municipal highschool 1883-1887, at the "Herzogliches neues Gymnasium" 1887-1896, volunteer "one year soldier" 1896-1897, stage at the "Hofapotheke" of Meiningen, assistant pharmacist 1897, further practice at pharmacies of Bad Harzburg, Braunschweig and Bingerbrück 1897-1901, from 10 Mai 1902 studying pharmacy at the University of Marburg, state examination pharmacy 5 Nov 1903, research on food products at the Marburg Botanical Institute 1904-1906 working on his thesis, final examination ("Examen rigorosum") 12 Jun 1907, Dr. phil. Marburg 1908, from then on with the family pharmacy in Braunschweig 1908-1929. (*Bäsecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 102 (d. Sep 1929).

BIOFILE: Anon., Ber. deut. bot. Ges. 48: 177. 1930 (d. Sep 1929 in Braunschweig).

19.876. *Beiträge zur Kenntnis der physiologischen Scheiden der Filicinen-Achsen und -Wedel sowie über den Ersatz des Korkes bei den Filicinen*. Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Philosophischen Fakultät der Universität Marburg ... Marburg 1908. Qu.

Publ.: Feb-Apr 1908 (dates of publ. in journal, Nat. Nov. Aug (1) 1909), cover-t.p., p. [i-ii], [1]-63, [65, vita]. *Copies*: B, L. – Reprinted or preprinted from Bot. Zeit. 66: 25-87. Feb-Apr 1908.

Bäumler, Johann Andreas (1847-1926), Slovakian [Bratislava/Presburg, h.t. Hungarian, Pozsony] cryptogamist, "Selchermeister" (pork-butcher) and real-estate owner, self-made botanist, especially mycologist. (*Bäuml.*).

HERBARIUM and TYPES: BP (10.000), further material in B, KIEL, LE, S, SLO, W, Z. – Bäumler also contributed to Beck, G. and A. Zahlbruckner, *Schedae ad "Kryptogamae exsiccatae"* editae a Museo Palatino Vindobonensi (e.g. cent. 1, 1894, cent. 2, 1896, cent. 3, 1898).

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BIOFILE: Anon., ÖBZ 75: 132. 1926 (d. 4 Feb 1924 [sic], "im 79ten Lebensjahr"); Allg. bot. Z. 30/31: 56(168). 1926 (d. 4 Feb 1924 [sic]).

Boros, A., Bibl. bryol. hungar., Fontes florae hungaricae 2: 17. 1944. (3 papers).

Györfy, I., Folia cryptogamica 1(5): 263-266. 1927 (brief biogr. sketch, portr., list of publ. in periodicals; b. 23 Feb 1847, d. 4 Feb 1926).

Moesz, G., Bot. Közlemén. 24: 1-11, portr., German abstract p. [1]-[4]. 1927.

Pax, F., Grundz. Pfl.-Verbr. Karpathen (Veg. Erde 2(1): 41, 45, 276. 1908).

19.877. *Beiträge zur Cryptogamen-Flora des Presburger Comitates ...* Presburg [h.t. Bratislava] (Druck von C.F. Wigand) 1887. Oct.

[I]: 1887 (Bot. Centralbl. 30 Mai-3 Jun 1887; Nat. Nov. Jul (2) 1887), p. [1]-59, err. sheet.

Copy: B – Reprinted and to be cited from Verh. Ver. Natur- Heilk. Presburg ser. 2. 6(15): 66-122. 1887.

2: 1890 (Nat. Nov. Jan (1) 1891), ib. ser. 2. 7(16): 25-90. 1890 (n.v.).

3: 1897, ib. ser. 2. 9(18): 33-110. 1897 (n.v.).

4: Dec 1903 (date on p. 1; Nat. Nov. Dec [2] 1902), p. [1]-60. Copy: B – Preprinted from ib. 14: 31-88. 1902 [publ. 1903 sic].

Ref.: V-s [Wilhelm Voss], ÖBZ 37: 329-330. 1 Sep 1887 (rev. part [1]).

Frey, J.F., Bot. Centralbl. 33(8): 226-227. 20-24 Feb 1888 (rev.).

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[I]: late Dec 1888 (date on cover of part 4 of vol. 38 (Abh.), Nat. Nov. Feb (2) 1889), p. [1]-12. Copy: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 38(4): 707-718. 1888. – Schemnitz, h.t. Banska Stiavnica.

2: Mar-Apr 1890 (part of Heft 1, first quarter; Bot. Centralbl. 7 Mai 1890), p. [1]-10. Copy: B. – Id. 40(1): 139-148. 1890.

3: late Sep 1891 (date in volume), [no reprint seen]. Id. 41(3): 660-676. 1891. – Reprint, p. [1]-18, mentioned by Bot. Centralbl. 48(44): 156. 4 Nov 1891.

19.879. *Zur Pilzflora Niederösterreichs VI.* Ascomycetes und Fungi imperfecti aus dem Herbar Beck. ... Aus den Abhandlungen der k.k. zoologisch-botanischen Gesellschaft in Wien ... besonders abgedruckt ... 1893. Oct.

Publ.: late Jun 1893 (in journal), p. 89-106. Copy: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 43: 277-294. 1893.

Nos. I-V: by Günther Beck, Ritter von Mannagetta und Lerchenau (1856-1931), see TL-2/1: 157-160.

Baez, Juan Romualdo (fl. 1933-1942), Argentine botanist, director-general Dept. agrícola-ganadero Paraná, Director of the Escuela nacional de agricultura Las Delicias, Paraná. (*Baez*).

HERBARIUM and TYPES: PAR, further material at U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 102; Kew 1: 117; LS suppl. 1: 1525, 1527; TL-2/3: see no. 4996.

BIOFILE: Cabrera, A.L., Bol. Soc. Argent. Bot. 6: 118-119. 1956 (biogr., bibl., portr.).
Castellanos, A. and R.A. Perez-Moreau, Lilloa 6: 117. 1941, 7: 125, 303, 370. 1941.

19.880. *Notizia sobre la distribución des las Palmeras en la flora de Entre Rios ...* Paraná (Imprenta de la Provincia) 1933. Oct. (*Not. Palm. fl. Entre Rios*).

Publ.: 1933, cover-t.p., p. [1]-11, [i]-ii, pl. ("fig.") 1-7, map. *Copies*: B, U. — Issued as Mem. Mus. Paraná, Bot. 5. 1933.

19.881. *Area de dispersión de las Palmáceas en la flora de Entre Rios ...* Buenos Aires (Imprenta y Casa editora "Coni") 1937. Oct.

Publ.: 1937, cover-t.p., p. [i], [63]-78, pl. 1-3 (uncol. phot.). *Copy*: B. — Reprinted and to be cited from Anal. Soc. Argent. Est. Geogr. 5: 63-78, pl. 1-3. 1937.

Baeza R. [Riquelme], Víctor Manuel (1886-1944), Chilean botanist. (*Baeza*).

HERBARIUM and TYPES: Some material at M.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 245.

BIOFILE: Looser, G., Rev. sudamer. Bot., Montevideo 10: 51. 1952 (b. 15 Sep 1886, Yungay, d. 20 Aug 1944, Santiago).

Perez Moreau, R.A., Bibl. geobot. Patagonica, Buenos Aires 100. 1965.

19.882. *Los nombres vulgares de las plantas silvestres de Chile y su concordancia con los nombres científicas. Y observaciones sobre la aplicación técnica y medicinal de algunas especies ...* 2.^a Edición aumentada con nuevos nombres y el significado etimológico de los nombres científicos ... San Isidro-Santiago (Imprenta "El Globo") 1930. Oct. (*Nombr. vulg. pl. silv. Chile*).

Ed. 1: 1921 (n.v.).

Ed. 2: 1930, cover-t.p., p. [i], [1]-270, [271-272]. *Copy*: B.

***Baglietto, Francesco** (1826-1916), Italian physician and lichenologist, professional physician but dedicating much of his time to lichenology; some time lecturer in botany at the University of Genova, connected with the botanical department of the University 1839-1872; issuing, with G. deNotaris and V. de Cesati the *Erbario crittogamico italiano* 1858-1885. (*Bagl.*).

HERBARIUM and TYPES: MOD (original lichen herbarium), non-lichen herbarium at GDOR and GE (mainly destroyed by fire). — Sets of the *Erbario crittogamico italiano* in many herbaria such as AWH, BM, BR, E, FI, G, IBF, L, M, MPU, NY, PAD, S, STR, TO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 102 (b. Sep 1828, Voltri, d. 24 Feb 1916, Genova); BL 2: 362; BM 1: 84; Bossert p. 20; CSP 1: 154, 6: 35, 7: 68; De Toni 2: xxxi; DTS 1: 13; Futak-Domin p. 6; GR p. 512-513; GR, cat. p. 60; Hawksworth p. 180; IH 2: 48, 606 (sub Notaris); LS 1457a-1465, 1467, 30754; Morren ed. 2, p. 26, ed. 10, p. 84; Saccardo 1: 19-20, 2: 14, cron. xiv; SBC p. 115; Stevenson p. 1234; TL-2/1: 90-91; Tucker 1: 48; Urban-Berl. p. 261.

BIOFILE: Aderhold, R.F.T., Gen.-Reg. Bot. Zeit. 7, 95. 1895.

Anon., Bot. Centralbl. 98(11): 288. 21 Mar 1905 (G.B. de Toni acquires lichen herb. for MOD).

Burnat, E., Bull. Soc. bot. France 30(sess. extr.): cx. 1883 (biogr. details, notes on publ. and exsiccatae).

Capocaccia, L. and R. Poggi, Arch. nat. Hist. 11(1): 115. 1982 (holdings at GDOR).

Cavillier, F., *Boissiera* 5: 13. 1941.

De Toni, G.B., *Malpighia* 20: 282. 1906 (lichen herb. B. received); Francesco Baglietto 1826-1916. Padova (Tip. del Seminario) 1921, 12 p.; *Nuova Notarisia* 33: 32-43. 1922 (also reprinted, p. [1]-12; biogr. details, descr. of collections and exsicc.).

Gager, C.S., *Brooklyn Bot. Gard. Rec.* 27(3): 273. 1938 (ad int. in charge of Genova Bot. Gard. 1885-1886).

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 343. 1980 (lich.).

Sayre, G., *Mem. New York Bot. Gard.* 19(1): 20-22. 1969 (exsicc.).

19.883. *Prospetto lichenologico della Toscana ...* [Giorn. bot. ital. ... 1871]. Oct.

Publ.: 1871, p. [211]-298. *Copies*: NY, WU. – Reprinted and to be cited from *Nuovo Giorn. bot. ital.* 3: 211-298. 1871.

19.884. *Lichenes in regione Bogos Abyssiniae lecti ab O. Beccari, illustravit F. Baglietto ...* Estratto del *Nuovo Giornale botanico italiano ...* 1875. Oct.

Collector: Odoardo Beccari (1843-1920), see TL-2/1: 155-157.

Publ.: Jul 1875 (in journal), p. [239]-254, 1 pl. (no. 9, uncol. lith. auct.). *Copies*: G, WU. – Reprinted and to be cited from *Nuovo Giorn. bot. ital.* 7(3): 239-254, 1 pl. 1875.

19.885. *Lichenes Insulae Sardiniae recensit ...* Estratto del *Nuovo Giornale botanico italiano ...* 1879. Oct.

Publ.: Jan 1879, p. [50]-123, pl. 3-4 (uncol.). *Copy*: WU. – Reprinted and to be cited from *Nuovo Giorn. bot. ital.* 11(1): 50-123, pl. 3-4. 1879.

19.886. *Anacrisi dei licheni della Valesia ...* Milano (Tipografia di Alessandro Lombardi ...) 1880. Oct. (*Anacrisi lich. Valesia*).

Co-author: Antonio Carestia (1825-1908).

Publ.: 1880, p. [i*, iii*], [i]-viii, [143]-356, pl. 1-5 with text. *Copies*: MO, WU. – Reprinted and to be cited from *Atti Soc. crittog. ital.* 2: 143-356. 1879.

19.887. *Primo censimento dei funghi della Liguria ...* Estratto dal *Nuovo Giornale botanico italiano ...* 1886. Oct.

Publ.: Jul 1886 (in journal), p. [230]-285. *Copy*: B. – Reprinted and to be cited from *Nuovo Giorn. bot. ital.* 18(3): 230-285. 1886.

19.888. *Florula della Valle del Lagaccio in Genova ...* Genova (Tipografia del R. Istituto Sordo-muti) 1886. Oct. (*Florula Valle d. Lagaccio*).

Publ.: 1886 (p. 7: pref. dated Mai 1886), p. [1]-32. *Copy*: WU.

19.889. *Lichenes abyssinici a cl. Prof. O. Penzig collecti ...* [Genova (Tipografia di Angelo Ciminago)] 1892. Oct.

Publ.: 1892, p. [1]-8, [9]. *Copy*: WU. – Reprinted and to be cited from *Malpighia* 6: 206-213. 1892.

* **Bagnall, James Eustace** (1830-1918), British botanist, born in Birmingham, educated at Singer's Hill, joined his father in the warehouse 1844 (sic), employed by Messrs Hinks and Wells pen factory 1853-1897, from 1884 active amateur botanist. (*Bagn.*)

HERBARIUM and TYPES: BIRA, further material at BM, CGE, K, MANCH, OXF; *Rosa* at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 103; BB p. 14; BL 2: 265, 271, 272; BM 1: 84; CSP 7, 68, 9: 97, 12: 35; Desmond p. 217; GR p. 388; IH 2: 48; Jackson p. 260, 261; Kew 1: 117-118; LS 1469, 30755; NI p. 6; Rehder 5(index): 38; SBC p. 115; TL-2/1: 91, 4: no. 8714; Tucker 1: 48-49.

BIOFILE: Allen, D.E., *The botanists* 78. 1986.

Anon., *J. Bot.* 56: 304. 1916 (d.).

- Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 84.21, 337.1. 1980.
 Cadbury, D.A. et al., Computer-mapped Fl. Warwickshire 57-58. 1971.
 Eedes, E.S., Fl. Staffordshire 21. 1972.
 Grove, W.B., J. Bot. 56: 354-356. Dec 1918 (biogr., b. 7 Nov 1830, Birmingham; d. 3 Sep 1918, Aston).
 Hawksworth, D.L. and M.R.D. Seaward, Lichenol. Brit. Isl. 1568-1975. 52. 1977 (list publ.).
 Horwood, A.R. and C.W.F. Noel, Fl. Leicestershire ccxix-ccxx. 1933.
 Jackson, B.D., Kew Bull. 1901: 5.
 Kent, D.H., Brit. herb. 41. 1957.
 Price, J.M., Proc. Birmingham nat. hist. Soc. 24(2): 75-92. 1980 (portr., on his Fl. Warwickshire), prelim. notice: Taxon 26: 566. 1977.
 Sayre, G, Bryologist 80(3): 504. 1977.

COMPOSITE WORKS: (1) *The mosses, hepatics and lichens, in W. Mathews, ed., Handbook of Birmingham* 331-334. 1886.

(2) Botany, in W. Page, ed., *The Victoria History of the Counties of England* p. 65-68 (*Lichens*) [botany in vol. 1, p. 33-66].

(3) Contributed mosses and hepatics to John Amphlett and Carleton Rea, *The botany of Worcestershire*, Birmingham 1909, under Rea, TL-2/8714.

19.890. *Notes on Sutton Park: its flowering plants, ferns, and mosses, ... to which is added the roses and brambles of Warwickshire ... Birmingham* (W.G. Moore and Co., ...) [1877]. (*Notes Sutton Park*).

Publ.: 1877 (read 6 Dec 1876), p. [1]-27, [29, suppl., 31, err.]. Copy: NY.

19.891. *Handbook of mosses with an account of their structure, classification, geographical distribution, and habitats ... London* (Swan Sonnenschein, ...) 1886. Oct. (*Handb. moss.*).

Ed. 1: Jan 1886 (Grevillea Mar 1886; date given in ed. 6, see review R. Braithwaite, J. Bot. 24: 151. Apr 1886, Bot. Gaz. Jul 1886, Nat. Nov. Mar (1) 1886), p. [i]-vii, [1]-96. Copies: MO, NY.

Ed. 2: Jul 1886 (date in ed. 6), n.v.

Ed. 3: Feb 1890 (date in ed. 6, t.p. 1889), p. [i]-viii, [1]-96. Copy: MO.

Ed. 4: Jan 1896 (date in ed. 6), p. [i]-viii, [1]-98, [99, colophon]. Copy: MO.

Ed. 5: Mar 1907 (date in ed. 6), n.v.

Ed. 6: Jan 1910 (date on p. [ii]), p. [i]-viii, [1]-98. Copy: MO.

19.892. *The Flora of Staffordshire ... London* (West, Newman & Co., ...) 1901. Oct. (*Fl Staffordshire*).

Publ.: Apr-Oct 1901 (in suppl. to J. Bot.), p. [i, t.p.], [1]-74. Copies: B, U. – Issued as Supplement to J. Bot. 39, signature c: 17-32. Apr, d: 33-48. Jun, e: 49-58. Aug, f: 59-64. Sep, g: 65-72. Oct, h: 73-74, probably also Oct 1901 (Nat. Nov. Nov (1) 1901).

Bagnis, Carlo (1854-1879), Italian mycologist, educated at Torino, studied medicine in Roma 1871, Dr. med. ib. 1877, turned to mycology under the influence of G. de Notaris, Prix Des Mazière 1875, died as the result of an infection obtained at a botanical excursion in the Roman Campagna. (*Bagnis*).

HERBARIUM and TYPES: RO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 103 (b. 12 Mai 1854, Torino, d. 6 Aug 1879, Roma); BM 1: 84; CSP9: 97; DTS 1: 13; IH 2: 48; Jackson p. 172; Kew 1: 118; LS 1470-1475; Saccardo 1: 20; Stevenson p. 1234.

BIOFILE: Anon., Bot. Zeit. 37: 663. 10 Oct 1879 (d.); ÖBZ 29: 338. 1879 (d.); Bot. Not. 1880: 28 (d.); J. Bot. 17: 383. 1879 (d.).

Brignardello, G.B., *Period. Pietro Thouar*. 4(16). 1880 (n.v.; additional info. on B.).
 Cadorno, C., *Vita e scritti di Carlo Bagnis, commemorazione*, Roma 1880, 64 p. (detailed review by Pridoda in *Bot. Centralbl.* 3/4: 1215-1216. 1880.)

COMPOSITE WORKS: Contributed to *Erbario crittogamico italiano* ser. 2, fasc. 14, nos. 651-700. Milano, Mai 1878.

EPONYMY: *Bagnisia* Beccari (1878), ING 1: 170, *Bagnisiella* Spegazzini (1880) (id.).

19.893. *Osservazioni sulla vita e morfologia di alcuni funghi Uredinei ...* [R. Accad. Lincei ... 1875]. Qu.

Publ.: Jun-Dec 1875 (read 2 Mar 1875, Hedwigia Mai 1876; *Bot. Zeit.* 12 Mai 1876), p. 445-454, *pl.* 1-2 (uncol. liths. auct.). *Copy*: G. – Reprinted and to be cited from *Atti r. Accad. Lincei* ser. 2. 2: 445-454, *pl.* 1-2. 1875.

Ref.: G.K., *Bot. Zeit.* 34: 765. 1 Dec 1876 (rev.).

19.894. *Le Puccinie ...* [Roma 1876]. Qu.

Publ.: 1876 (read 4 Jun 1876), p. [1]-64, [703-721], *pl.* 1-11 (col. liths.). *Copies*: B, G. – Reprinted and to be cited from *Atti r. Accad. Lincei* ser. 2. 3(2): 641-721, *pl.* 1-11. 1876.

19.895. *Micologia romana ...* Roma (coi tipi del Salviucci) 1877. Oct.

Publ.: 1877 (read 8 Apr 1877), cover-t.p., p. [1]-19, *pl.* 1-2 (col. liths. auct.). *Copy*: B. – Reprinted and to be cited from *Mem. Cl. Sci. fis.* 1: 829-845. 1877.

Journal issue: 1877, p. 829-845, *pl.* 1-2 (col. liths.). *Copy*: B. – Id. from *Atti r. Accad. Lincei* ser. 3. 1: 829-845, *pl.* 1-2. 1877 (As “*Mycologia Romana*”).

Continuation: 1878 (read 2 Jun 1878), p. 1057-1072, *pl.* 3-4 (also as 1-2). – Id. ser. 3. 2: 1057-1072, *pl.* 3-4 (col. liths.).

Bahrđt, Heinrich [August] (1826-?), German (Saarbrücken) botanist, educated at home and at the Gymnasium Teutoburgense, from 1844-1849 at the University [Academia Fridericia Guilelmia Rhenana] Bonn; Dr. phil. ib. 1849. (*Bahrđt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 103 (b. 12 Nov 1826); BM 1: 85; Jackson p. 89; PR 322.

19.896. *De pilis plantarum*. Dissertatio botanico quam ad summos in philosophia honores ab amplissimo philosophorum ordine in Academia Fridericia Guilelmia Rhenana rite impetrandos scripsit et una cum thesibus adjectis die xv. mensis Decembris a. mdcccclix publice defendet ... Bonnae [Bonn] (formis F.P. Lechneri) 1849. Qu.

Publ.: 15 Dec 1849 (date of defense thesis), p. [i, iii], [1]-29, [30-32, expl. fig., vita, theses), *pl.* 1-2 (copp. engr., drawn by author). *Copies*: B-S, MO, NY.

* **Bail, [Carl Adolph Emmo] Theodor** (1833-1922), German (Silezian) botanist, educated at Breslau, Dr. phil. ib. 1857, highschool teacher at Breslau at the Realschule zum heiligen Geiste, travelled in Austria, collecting fungi with R.F.K. von Uechtritz 1858, later that year called as teacher to Posen, id. to Danzig, again as highschool teacher at the Realgymnasium zu St. Johann, Danzig, until 1900, in retirement living in Danzig. (*Bail*).

HERBARIUM and TYPES: Originally in Danzig, now destroyed; “Austrian *Pilztypenherbar*” probably in W (see *Flora* 43: 352. 14 Jun 1860). Issued a set of exsiccatae: *Herbarium mycologicum typicum* (nos. 1-201, 37 add., no. 172 lacking), 20 sets issued, only set known to us at IB.

NOTE: See TL-2/1: 91-92.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 308; Ainsworth p. 29-30; Barnhart 1: 103 (b. 5 Mai 1833, Haynau, Schlesien; d. 30 Sep 1922, Danzig); BM 1: 85; CSP 1: 155, 6: 574, 9: 98, 12: 38, 13: 227; De Toni 1: viii; DTS 1: 13-14, 6(4): 44; Futak-Domin p. 6; GR p. 59; Jackson p. 118, 162, 163; Kew 1: 119; LS 1478-1521, 8894a, 30757-30764; LS suppl. 1535; Morren ed. 2, p. 6, ed. 10, p. 11; NAF 2(1): 69; PR 341-343; Rehder 5(index): 39; Saccardo 2: 117; TL-2/1: 91-92, see also no. 6703.

BIOFILE: Aderhold, R.F.T., Gen.-Reg. Bot. Zeit. 7: 95-96. 1895.

Anon., Bot. Zeit. 16: 344. 5 Nov 1858 (called to Posen), 20: 364 (appointed Realschule zu St. Johann, Danzig); Bonplandia 6(2): 37. 1858 (member Leopoldina, cogn. de Flotow, apptd. 1857); ÖBZ 8: 377 (brief note on his trip to Austria with R. von Uechtritz); Flora 42: 15. 7 Jan 1859 (called to Posen), 43: 352. 14 Jun 1860.

Bail, Th., ÖBZ 10(4): 101-114. 1 Apr 1860 (descr. of the collection made for the Austrian dept. of culture and teaching; present location not known to us).

Conwentz, H., Ber. deut. bot. Ges. 29 (Gen. Vers.): (15). 1912.

Lakowitz, C., Bot. Archiv 4: 2-3. 1923 (obit.); Ber. Westpreuss. Bot.-zool. Ver. Danzig 1924: vi-viii (obit.).

Pax, F., Bibl. schles. Bot. 33, 142. 1929.

Wittrock, V.B., Acta Horti Berg. 3(2): 186. 1903, 3(3): 211. 1905 (on portr.).

19.897. *De faece Cerevisiae*. Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in Alma litterarum Universitate viadrina ad summos in philosophiae honores rite capessendos die xviii. m. maji mdccclvii hora x in aula majore publice defendet auctor ... Vratislaviae [Breslau] (Typis Henrici Lindner). [1857]. Oct. (*Faece Cerevis.*).

Publ.: 18 Mai 1857 (date of defense thesis), p. [1]-33, [34-36] (33-35 vita). *Copy*: B-S.

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 15: 499-502. 17 Jul 1857 (rev.).

19.898. *Die wichtigsten Sätze der neuern Mycologie*, nebst einer Abhandlung über Rhizomorpha und Hypoxylon ... Jena (Friedrich Fromman) 1861. Qu. (*Sätze neu. Mycol.*).

Publ.: Jan 1861 (submitted 25 Mai 1860, p. 24; Posen 3 Jan 1861), p. [1]-26, *pl. 1* (col. lith. A. Assmann). *Copies*: G, NY, U. – Issued, with independent pagination, in Nova Acta Leopoldina 28. 1861 (all papers independently paginated).

19.899. *Mykologische Studien* besonders über die Entwicklung der Sphaeria typhina Pers. ... Jena (Friedrich Fromman) 1861. Qu. (*Mykol. Stud.*).

Publ.: Nov-Dec 1861 (subm. 21 Oct 1861, t.p. dated 1861), p. [1]-26, *pl. 1-2* (col. liths. auct. et A. Perdich). *Copies*: B, B-S, G, NY, U. – Issued, with independent pagination, in Nova Acta Leopoldina 29. 1861 (all papers independently paginated).

19.900. *Mittheilungen* über das Vorkommen und die *Entwicklung* einiger *Pilzformen* ... Danzig (Wedel'sche Hofbuchdruckerei) 1867. (*Mitth. Entw. Pilzform.*).

Publ.: Mar-Apr 1867 (published in Programm Eastern 1867), p. [i], [1]-45. *Copy*: WU. – Separatabdruck aus dem Programm der Realschule I. Ordnung zu St. Johann in Danzig.

19.901. *Ueber Pilzepizootien* der forstverheerenden Raupen ... Danzig (In Commission bei Th. Anhuth) 1869. Oct. (*Pilzepizoot.*).

Publ.: 1869, p. [1]-25, [26, expl. pl.], *1 pl.* (uncol. lith. auct.). *Copies*: B(2), NY. – Issued, with independent pagination, in Schr. naturf. Ges. Danzig ser. 2. 2(2). 1869.

19.902. *Ueber androgyne Blütenstände* bei solchen Monöcisten und Diöcisten bei denen Trennung der Blütenstände Regel ist ... [Schr. naturf. Ges. Danzig] 1869. Oct. (*Androgyne Blütenst.*).

Publ.: 1869, p. [1]-11 [on p. 9-11 "Kürzere Mittheilungen"]. *Copy*: B. – Issued, with independent pagination in Schr. naturf. Ges. Danzig ser. 2. 2(3). 1869.

Bailey, Charles (1838-1924), British botanist, entered the business of Ralli Brothers, East India Merchants, Manchester, stayed with his firm fifty-five years, ardent wealthy amateur botanist in close connection with W.C. Williamson at MANCH, M. Sc. h.c. Univ. Manchester 1902. (*Ch. Bailey*).

HERBARIUM and TYPES: MANCH. – Further material at AK, B, BEL (300), BIRM, BM, BUC, CGE, KIEL, L, LIV (1500), OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 104; BB p. 14; BL 2: 250; BM 1: 85; Bossert p. 20; Clokie p. 124; Desmond p. 27-28 (b. 14 Jun 1838, d. 14 Sep 1924; further refs.); Hortus 3: 1187; IH 2: 49; Kew 1: 119; Morren ed. 10, p. 76; Tucker 1: 49; Urban-Berl. p. 326.

BIOFILE: Allan, D.A., Handb. Guide herb. coll. publ. mus. Liverpool 11, 22-23, *pl.* 2c. 1935 (coll. portr.).

Allan, D.E., Naturalist in Britain 189. 1976; The botanists 227 [index, many entries]. 1986. Anon., J. Bot. 62: 319. 1924 (d.).

Bailey, Ch., Mem. Proc. Manch. lit. philos. Soc. 61: 1-18. 12 Jul 1917 (on a herb. at Victoria University Manchester).

Kent, D.H., Brit. herb. 41. 1957 (coll.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (letters B. to Keck at UPS-UB).

Melville, J.C., J. Bot. 63: 23-25. 1925 (obit., total nos. in herb.: British 88.823, foreign 209.397).

Moore, S., ed., Fl. Cheshire lxxviii. 1849.

Riddelsdell, H.J. et al., Fl. Gloucestershire cxlix. 1948.

Weiss, J.E., Manchester Guardian 29 Mar 1917; J. Bot. 55: 141. 1917 (on herb. given to MANCH); Proc. Linn. Soc. London 137(session): 63-64. Jun 1925 (obit.).

19.903. *On the adventitious vegetation of the Sandhills of St. Anne's-on-the-Sea*, North Lancashire ... Manchester (36, George Street) 1902. Oct. (*Adv. veg. Sandh. St. Anne*).

Publ.: 15 Dec 1902 (date on p. 1), cover-t.p., p. [1]-10, *pl.* 1-3 (uncol. phot.). *Copies*: G, L. – Issued with independent pagination as Mem. Proc. Manch. lit phil. Soc. 47(2), 10 p., 3 *pl.*. 1902.

Further notes ...: 18 Jun 1907 (date on cover-t.p., Nat. Nov. Aug (2) 1907), cover-t.p., p. [1]-16, *pl.* 1-8. *Copies*: G, L. – Id. 51(11), 16 p., 8 *pl.* 1907.

A third list ...: 20 Jun 1910 (date on cover-t.p.), cover-t.p., p. [1]-11. *Copy*: G. – Id. 54(15), 11 p. 1910.

19.904. *The Oxlip*, and its relations with the Cowslip and Primrose in England ... Address delivered at the inaugural meeting and conversazione of the Manchester Field Club at the Athenaeum, Manchester, 27 April 1899 ... Manchester (Hinchliffe & Co. Ltd., ...) 1903. Oct. (*Oxlip*).

Publ.: 1903, cover-t.p., p. [1]-13, 14-14 [etc. left and right pp. same no.]-22-22, 1 *pl.* (uncol. phot.). *Copies*: G, L, NY. – Reprinted, with additions, and hence independent publ., from Proc. Manch. Field Club 1(1): 26-35. 1903.

19.905. *Address on the native and alien plants of St. Anne's-on-the-Sea*, ... Manchester (Hinchliffe & Co. ...) [1903]. Oct.

Publ.: Aug-Dec 1903 (read 12 Jul 1903), cover-t.p., p. [i, t.p.], [415]-426, *pl.* 15 (uncol. lith.).

Copy: L. – Reprinted and to be cited from Proc. Manch. Field Club 1(3): 415-426. 1903.

Bailey, Edward (1814-1903), American botanist at Wailuku, Hawaiian Islands. (*Edw. Bailey*).

HERBARIUM and TYPES: Some material at M.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 104; Morren ed. 10, p. 151.

BIOFILE: Merrill, E.D., B.P. Bishop Mus. Bull. 144: 37. 1937.

19.906. *Hawaiian ferns*; a synopsis taken mostly from Hooker and Baker, with additions and emendations, adapting it more especially to the Hawaiian Islands ... Honolulu, H.I. (Thos. G. Thrum, publisher) 1882. Oct. (*Hawaiian ferns*).

Publ.: 1882 (preface p. iv: dated Mar 1882), p. [i]-iv, [5]-62. *Copy*: B.

* **Bailey, Frederick Manson** (1827-1915), British born Australian botanist, emigrated with his family to South Australia 1839, working with his father in a vegetable garden for the immigrants, and later again with his father in a commercial nursery, some time participating in the gold rush to Victoria, to New Zealand 1858, to Brisbane, Queensland in 1862 opening a seedstore; botanist with the Queensland government 1875, acting-curator at the Queensland Museum 1880-1882, colonial botanist of Queensland 1889-1915. (*F.M. Bailey*).

HERBARIUM and TYPES: BRI, some types also at BM, further material at A, AK, B, BM, CGE, DS, H, K, L, M, MANCH, MEL, MO, NSW, OXF, P, PC, US.

MAIN TREATMENT: see TL-2/1: 92-93.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 51; Barnhart 1: 104 (b. 8 Mar 1827, Hackney, London; d. 25 Jun 1915, Brisbane); BB p. 14-15; BJI 2: 5; BL 1: 63, 68, 69; BM 1: 85-86, 399-400, 2: 695, 6: 48; Bossert p. 20; Clokie p. 124; CSP 9: 98, 13: 238; Desmond p. 28; De Toni 4: iv; GR p. 388; Hortus 3: 1187; HR; IF p. 676, suppl. 4: 313; IH 2: 49; Jackson see index; Kew 1: 119-120; LS 1522-1542a, 30.766-30.767; LS suppl. 1557-1560; Morren ed. 10, p. 149; NI 59-60, suppl. p. 18; Nordstedt p. 7, suppl. p. 3; Rehder 5(index): 39; SK 1: cxx, cli, 29, 30, 5: cclvi; TL-1: 11-12; TL-2/1: 92-93; Tucker 1: 49-50, 764; Zander ed. 10, p. 630, ed. 11, p. 715-716.

BIOFILE: Anon., Kew Bull. 1894: 108 (re-appointed Colonial Botanist), 1911: 64 ("compagnion of the most distinguished Order of Saint Michael and Saint George"), 1915(7): 356-357 (obit.); Gard. Chron. ser. 3. 58: 136. 28 Aug 1915 (portr., biogr. sketch); Bot. Centralbl. 129(13): 352. 1915 (d.); J. Bot. 53: 275-277. 1915 (obit.); Leopoldina 52: 79. 1916 (d. 25 Jun 1915); Proc. Linn. Soc. N.S.W. index to vols. 1-50: 1. 1929.

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Colliver, F.S., Proc. R. Soc. Queensland 71: 65-66. 1959.

Everist, S.L. and J.L. Alcorn, Taxon 24(1): 44. 1975 (Austral. mycol. col. F.M. Bailey).

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Ferguson, J.A., Bibl. Australia 5: 200-205. 1963.

Goulding, J.H., Rec. Auckland Inst. Mus. 13: 101-103. 1976 (coll. AK., handwriting sample, specimens of labels).

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Henderson, R.J.F., Austrobaileya 2(1): 107. 1984 (note on B's Botany Bulletins).

Johnston, T.M., Proc. R. Soc. Queensland 28: 3-10. 1916 (obit., list publ.).

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Maiden, J.H., J. Proc. R. Soc. N.S.W. 31: 43-44. 1897, 55: 152-153. 1921.

Marshall, H.S., Kew Bull. 1953: 279 (date of publ. of *Compr. cat. Queensl. pl.*, see TL-2/238).

Mennell, Ph., Dict. Austral. biogr. 1855-1892. 22. 1892.

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Norton, J., Proc. Linn. Soc. N.S.W. 25: 781-782. 1900 (on B. and the continuation of Bentham's *Fl. austral.*).

Prescott, G.W., Bibl. Desmid. univ. 36. 1984.

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Shirles, J., Int. cat. sci. lit., Brisbane 1899, p. 31-34 (bibl.).

Stapf, O., Proc. Linn. Soc. London 128: 55-56. 1915 (obit.).

White, C.T., J. hist. Soc. Queensland 3: 362-363. 1944 (B. family); Proc. R. Soc. Queensland 61(8): 105-114. 1950 (memorial address; portr., biogr. sketch; list of main works and journeys, collections and main contents of his herbarium, scientific societies, sketch of his personality, b. 8 Mar 1827, Hackney, England, d. 25 Jun 1915, Brisbane, Queensland).

MANUSCRIPTS: Letter-books, outgoing corr. 1887-1915, as well as Diaries etc. voyage Thursday Islands, N. Queensl. 1897, 1898, all in BRI. – Letters to Bailey 1876-1896, Mitchell Library, Sydney.

19.907. *Plants reputed poisonous and injurious to stock ...* Brisbane (James C. Beal, ...) 1887. Oct. (*Pl. poison. injur. stock*).

Co-author: Patrick Robertson Gordon.

Publ.: 1887, p. [i*. t.p.], [i-iv], [1]-112, 44 unnumb. *pl.* (uncol. liths.). *Copy:* B-S.

19.908. Queensland Commission. Centennial International Exhibition, Melbourne, 1888. *A sketch of the economic plants of Queensland ...* Brisbane (by authority: James C. Beal, ...) 1888. Oct. (*Sketch econ. pl. Queensland*).

Publ.: 1888 (preface dated Mar 1888), p. [1]-73. *Copies:* BR, MO.

19.909. Department of Agriculture. Queensland. *Report on the Government Scientific Expedition to Bellenden-Ker Range* upon the flora and fauna of that part of the colony. Brisbane (by authority: James C. Beal, ...) 1889. Oct. (*Rep. Bellenden-Ker Range*).

Main-author of Report: A. Meston; botany by F.M. Bailey.

Publ.: 1889, cover-t.p., p. [1]-127 [of which Botany by F.M. Bailey on p. 29-80. *Copy:* B.

19.910. *Catalogue of the indigenous and naturalized plants of Queensland ...* Brisbane (James C. Beal, ...) 1890. Oct. (*Cat. pl. Queensland*).

Publ.: 1890, p. [i, iii], [1]-116. *Copy:* NY.

19.911. *Contributions to the Queensland flora.* Brisbane [by authority: James C. Beal, Government printer, William Street]. 1890-1913. Oct. (*Contr. Queensl. fl.*).

[1]: Oct 1890, p. [1, t.p.]-7. – Issued as Bull. 4, Botany, Dept. of Agriculture, Brisbane. *Copy:* G.

[2]: Mar 1891, p. [1, t.p.]-38. – Id., Bull. 7, Botany, Dept. of Agriculture, Brisbane. *Copy:* G.

[3]: Mai 1891, p. [1, t.p.]-32. – Id., Bull. 9., Botany, Dept. of Agriculture, Brisbane. *Copy:* G.

[4]: Dec 1891, p. [1, t.p.]-39, 6 unnumb. *pl.* (uncol. liths.). – Id., Bull. 13, Botany Bull. 4, Dept. of Agriculture, Brisbane. *Copy:* G.

[5]: Mai 1892, p. [1, t.p.]-36. – Id., Bull. 18, Botany Bull. 5, Dept. of Agriculture, Brisbane. *Copy:* G. (see note in *Austrobaileya* 2(1): 107. 1984).

[6]: Jan 1893, p. [i, t.p.]-iv, [1]-58, [i]-x, *pl. 1-19* (uncol. liths.). – Id., Bull. 20, Botany Bull. 6, Dept. of Agriculture, Brisbane. *Copy:* G.

[7]: Feb 1893, p. [i, t.p.]-iv, [59]-69. – Id., Bull. 21, Botany Bull. 7, Dept. of Agriculture, Brisbane. *Copy:* G(2).

[8]: Dec 1893, p. [i, t.p.]-vii, [71]-114. – Id., Botany Bull. 8, Dept. of Agriculture, Brisbane. *Copies:* G, L.

[9]: Sep 1894, p. [1, t.p.]-19. – Id., Botany Bull. 9, Dept. of Agriculture, Brisbane. *Copies:* G, U.

[10]: Mai 1895, p. [i, t.p.]-[v], [21]-38, 1 unnumb. *pl.* (uncol. lith.). – Id., Botany Bull. 10, Dept. of Agriculture, Brisbane. *Copies:* G, U. (p. [39]-43 of this Bull. titled: Additions to the flora of New Guinea).

[11]: Jul 1895, p. [1, t.p.]-69, *pl. 1-17* (uncol. liths.). – Id., Botany Bull. 11, Dept. of Agriculture, Brisbane. *Copies:* G, U. (This Bull. deals completely with algae).

- [12]: Oct 1895, p. [1, t.p.]-26. – Id., Botany Bull. 12, Dept. of Agriculture, Brisbane. *Copies*: G, L, U.
Note: Though this Bull. belongs apparently in this series, p. [3]-10 are entitled: Pesticiferous fungi by M.C. Cooke (1823-1910) and p. [11]-26: Peculiarities of the Queensland flora by F.M. Bailey.
- [13]: Apr 1896, p. [1, t.p.]-32, *pl. 1-4* (photos). – Id., Botany Bull. 13, Dept. of Agriculture, Brisbane. *Copy*: G, U.
Note: p. 33-34 titled: Additions to the New Guinea flora, p. [35]-80 by J. Lauterer (1848-1911) titled: Gums and resins exuded by Queensland plants chemically and technically described.
- [14]: Oct 1896, p. [1, t.p.]-13, *pl. 1-3* (uncol. liths.). – Id., Botany Bull. 14, Dept. of Agriculture, Brisbane. *Copy*: G, U.
Note: p. [14]-16, *pl. 4-6* (uncol. liths.) titled: Additions to the New Guinea flora.
- [15]: Jun 1898, p. [1, t.p.]-38, *pl. 1-17* (uncol. liths. with unnumb. explanatory pages in between). – Id., Botany Bull. 15, Dept. of Agriculture, Brisbane. *Copies*: G, U. (This Bull. deals completely with algae).
- [16]: Jun 1903, p. [i, t.p.]-vi, [1]-18, *1 unnumb. photo.* – Id., Botany Bull. 16, Dept. of Agriculture, Brisbane. *Copies*: G, U.
- [17]: Oct 1913, p. [i., t.p.], [iii]-iv, [1]-14. – Id., Botany Bull. 17, Dept. of Agriculture, Brisbane. *Copy*: L.
Note: The series Botany Bull. with title: *Contributions to the Queensland Flora* was continued until Bull. 22 (6 Aug 1920) with authors J.F. Bailey (1866-1938) and C.T. White (1890-1950) for Bull. 18 and 19, C.T. White for Bull. 20 and 21, and C.T. White and W.D. Francis (1889-1959) for Bull. 22.

19.912. Botany: *Contributions to the Flora of Queensland*. 1897-1915. Oct.

Note: Under this title Bailey published a series of unnumbered papers in Queensland Agricultural Journal starting in July 1897. All were issued as reprint as well, some of them combined with *Contributions to the Flora of [British] New Guinea* (marked *), others with *Plants reputed poisonous to stock* (marked **), or with both these titles (marked ***).

- [1]: Jul 1897, p. [1]-5. – Reprinted and to be cited from Queensland Agric. J. 1(1): 78-82. 1897. *Copies*: B, U.
- [2]: 1 Sep 1897, p. [1]-8, *2 pl.* (uncol. liths.), *1 photo.* – Id. 1(3): 228-235, *2 pl., 1 photo.* 1897. *Copies*: B, U.
- [3]: 1 Nov 1897, p. [1]-3, *2 pl.* (uncol. liths.), *1 photo.* – Id. 1(5): 368-370, *2 pl., 1 photo.* 1897. *Copy*: U.
- [4]: 1 Dec 1897, p. [1]-3, *3 photos* (on 2 pages). – Id. 1(6): 451-453, *3 photos.* 1897. *Copies*: L, U.
- [5]: 1 Jan 1898, cover-t.p., p. [1]-2. – Id. 2(1): 38-39. 1898. *Copy*: U.
- [6]: 1 Feb 1898, cover-t.p., p. [1]-3. – Id. 2(2): 129-131. 1898. *Copies*: B, U (**).
- [7]: 1 Mar 1898, cover-t.p., p. [1]-2, *pl. 16-17* (uncol. liths.). – Id. 2(3): 197-198, *pl. 16-17.* 1898. *Copies*: B, U.
- [8]: Apr 1898, cover-t.p., p. [1]. – Id. 2(4): 285. 1898. *Copies*: L, U.
- [9]: 1 Mai 1898, cover-t.p., p. [1]. – Id. 2(5): 383. 1898. *Copies*: L, U.
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* **Bailey, Irving Widmer** (1884-1967), American botanist, anatomist at the Bussey Institution of Harvard University, studied at Harvard University, A.B. 1907, M.F. 1909. (*I.W. Bailey*).

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* **Bailey, Jacob Whitman** (1811-1857), American teacher, cadet at West Point 1828, assistant professor of chemistry at West Point, 1834-1857, amateur botanist mainly interested in diatoms. (*J.W. Bailey*).

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* **Bailey, Liberty Hyde** (1858-1954), American horticulturist and botanist, educated at Michigan Agricultural College; B.S. 1882, professor of horticulture and landscape gardening at Michigan State (Agric.) College 1885, M.S. ib. 1886, professor of practical and experimental horticulture at Cornell University, Ithaca, N.Y. 1888-1903, second director of the College of Agriculture ib. 1903, dean of the New York State College of Agriculture and director of ib. experiment station 1904, founder, and donor of the Bailey Hortorium. (*L.H. Bailey*).

HERBARIUM and TYPES: BH. – Further material in B, BM, BUF, C, CU, F, FLA, HH, IAC, ILL, K, L, LCU, MICH, MIN, MSC, NH, NY, OKLA, PH, TEX, US.

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Supplement: 1 Mai 1884 (date on p. [1]), p. [1]. *Copy*: MO.

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NOTE: Bailey published lavishly on *Carex* between 1884 and 1898 of which a small number is treated below. *Notes on Carex* in *Bot. Gaz.* 9-10: 117-122, 137-141, 203-208, 293-296, 317-349, 379-382. 1884-1885, 11: 328-330. 1886, 13: 82-89. 1888, 21: 1-8. 1896, 25: 270-272. 1898; in *Mem. Torrey bot. Club* 1(1). 1889 (see below), in *Bot. Gaz.* 17: 148-153. 1892, in *Bull. Torrey bot. Club* 16: 218-220. 1889, 17: 61-64. 1890, 20: 417-426. 1893.

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Publ.: Sep-Nov 1896 (p. 109 preface 1 Sep 1896; *Bot. Zeit.* 16 Dec 1896), p. [i]-v, [1]-515. *Copies*: MO, NY.

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Publ.: 1898 (preface dated Munich, Germany 15 Apr 1898), p. [i-ii, portr.], [iii]-xiii, [1]-472, "fig." 2 folded between p. 24-25, other figs. on unnumbered pages. *Copies*: MO, NY, U. *Ed. 2*: 1906, p. [i]-xiii, [1]-472. *Copy*: NY.

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Publ.: 1923 (preface 1 Mai 1923), p. [i]-xvii, [1]-434, pl. 1-43. *Copy*: MO.

Follow-up: 1933, as *The cultivated conifers* ... 1933, q.v.

19.944. *Rubus*: Enumeration of the Eubati (dewberries and blackberries) native in North America ... Ithaca, New York 1925. Oct. (*Rubus*).

Publ.: 23 Oct 1925, p. [i], 203-300. *Copies*: G, U. – Issued as *Gentes Herbarum* 1(5), 1925.

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Co-author: Ethel Zoe Bailey (1889-x).

Ed. 1: Dec 1930, p. [i-ii], frontisp., [1]-652. *Copy*: U.

Further editions: New edition with supplement, Feb 1935, new edition, revised and reset, Apr 1941, reprinted Jan 1946, Jan, Oct 1947, Mai 1949 "Hortus second."

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Publ.: 1-12 Mai 1933 (date on p. [ii]); copy MO rd. 13 Mai 1933), p. [i]-vi, [1]-209. *Copies*: L, MO.

Bailey, William Whitman (1843-1914), American botanist, entered Brown University, Providence, Rhode Island, 1860, graduated 1864, Ph.D. 1873, A.M. 1893; studied botany at Columbia University 1872, at Harvard Summer School 1875, 1876, 1879; assistant in chemistry at the Massachusetts Institute of Technology 1866, botanist of the United States Geological Survey of the fortieth parallel 1867-1868 (King's Survey), Deputy Secretary of the State of Rhode Islands 1868, assistant librarian at the Providence Athenaeum 1869-1871, taught botany in private schools in Providence 1871-1877, instructor at Brown University 1877-1881, professor of botany ib. 1881-1906, professor emeritus from 1896. (*W.W. Bailey*).

HERBARIUM and TYPES: BRU, further material at GH, MANCH, WELC. Material of King's Survey at US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 105; BL 1: 212, 213; BM 1: 86; Ewan ed. 1: 10, 154; IH 2: 49; Kew 1: 123; Morren ed. 10, p. 130; Tucker 1: 51.

BIOFILE: Anon., *Flora* 51(5): 75. 10 Mar 1868 (botanist on Comm. 40-th parallel); *Torreya* 14(3): 51-52. 17 Mar 1914 (biogr. sketch, b. 22 Feb 1843, West Point, d. 20 Feb 1914, Providence, R.I.); *Nat. Nov.* 36: 175. 1914 (d.); *Leopoldina* 50: 70. 1914 (d. 20 Feb 1914).
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Ed. 1: Jul-Aug 1895 (*Bull. Torrey bot. Club* 30 Sep 1895, *Bot. Centralbl.* 2 Oct 1895, *Bot. Zeit.* 26 Oct 1895, t.p. date 1896, sic), p. [i], frontisp., [iii]-xi, [1]-105, 2 *pl.* – Regular edition. *Copy*: MO.

Luxury edition: 1896, p. [i], frontisp., [iii]-xi, [1]-105, 9 *pl.* "Edition de luxe, ten copies only printed", note handwritten on p. [iv], by author. *Copy*: U.

Ed. 2: 1896, p. [i], frontisp., [iii]-xi, [1]-100, 2 *pl.* *Copy*: NY – "Second edition" on t.p.

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Publ.: Jun-Aug 1899 (preface 9 Mai 1899; *Fern Bull.* Oct 1899), p. [i-ii], plate, [iii]-ix, [xi, xiii], [1]-142, *Copy*: L.

Ref.: Anon., *J. Bot.* 38: 407. Oct 1900 (rev.).

Re-issue: 1907, p. [i], plate, [iii]-ix, [xi, xiii], [1]-142. *Copy*: U.

Baillet, Casimir Célestin (1820-1900), French veterinarian, botanist and highschool teacher, studied at the veterinary École d'Alfort until 1847, army veterinarian 1847-1849, professor of natural history at the École vétérinaire de Toulouse 1849, id. at the École d'Alfort 1865, ultimately director of the École vétérinaire de Toulouse 1878-1888. (*Baillet*).

HERBARIUM and TYPES: TL.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 105; *BM* 1: 86, 571; *CSP* 1: 157, 7: 70, 9: 99, 13: 242, 243; *IH* 2: 49; *Kew* 1: 124; *PR* 344-345; *Rehder* 5(index): xxii; TL-2/9338.

BIOFILE: Anon., *Bull. Acad. Médecine, Paris ser.* 3. 44: 297-298. 1900 (obit.).

Astre, G., *Bull. Soc. Hist. nat. Toulouse* 101: 167. 1966.

19.953. *Essai monographique sur les espèces du genre Galium des environs de Toulouse ...* Extrait des Mémoires de l'Académie impériale des sciences de Toulouse ... [1862]. Oct.

Co-author: Pierre Marguerite Édouard (1819-1888), see TL-2/6: 356-361, no. 14.538.

Publ.: 1862 (*Bull. Soc. bot. France rd.* 14 Nov 1862), p. [1]-35. *Copy*: G. – Reprinted and to be cited from *Mém. Acad. Sci. Toulouse ser.* 5. 6: 217-251. 1862.

Ref.: Fournier, E., *Bull. Soc. bot. France* 9: 485-486. Feb 1863 (rev.).

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Co-author. Jean Pierre Édouard Bernard Filhol (1814-1883), see Barnhart 1: 540.

I: 1863, p. [1]-110. *Copy:* G. – Abstract published in *J. de Pharmacie* 44: 278-281. 1863; *Flora* 47 (Repert. 1): 16. 10 Jun 1864.

2: 1864, p. [1]-112. *Copy:* G. – *Flora* 48: 495. 21 Oct 1865.

Ref.: Anon., *Bull. Soc. bot. France* 11(Bibl.): 222. 1864, 12(Bibl.): 127-128. Jun 1865.

* **Baillon, Henri [Ernest]** (1827-1895), French botanist, born in Calais, studied at the Lycée de Versailles and studied medicine in Paris, intern at Hôpital de la Pitié, Paris, 1854, Dr. med. 1855, Dr. sci. nat. 1858, connected with the École de Médecine from 1858, succeeded Moquin-Tandon 1863 as professor of botany at the École de Médecine 1863-1895, Foreign member Linnean Society 1875, id. Royal Society 1894, encyclopedic plant taxonomist. (*Baill.*).

HERBARIUM and TYPES: P (“herbier historique”), PC, further material in general herbarium P, other material in B, TAN.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 414; Barnhart 1: 106 (b. 30 Nov 1827, Calais, d. 18 Jul 1895, Paris); BJI: 3; BL 1: 6, 96, 2: 7, 97, 188; BM 1: 87, 6: 49; Bossert p. 21; Bret. p. 934-935; CSP 1: 158, 6: 574-575, 7: 70-72, 9: 99-100, 12: 37-41, 13: 243-247; DBF 4: 1313-1314; GR p. 304; Hortus 3: 1187; IH 2: 49; Jackson p. 82, 91, 119, 124, 125, 131, 135, 204, 476; Kew 1: 124-125; Langman p. 103-104; LS 1551-1554; Moebius p. 58; Morren ed. 2, p. 21, ed. 10, p. 55, 57; MW p. 26-27; NI 61-66; Plesch p. 227; PR 347-355; Rehder 5(index): 40-43; RS p. 73; SK 4: 45, 63, ciii, cxviii; TL-1: 12-13; TL-2/1: 96-102, nos. 6445, 7560, 7564, 9110, see Mueller Arg.; Tucker 1: 52, 764; Urban-Berl. p. 326; Zander ed. 10, p. 630, ed. 11, p. 716.

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COMPOSITE WORKS: (1)-(4) see TL-2/1: 97.

(5) Préface to J.R.A. de Lanessan, *Hist. drogues orig. vég.* 1878, see TL-2/4272.

EPONYMY: see TL-2/1: 97. – Addition: *Henribailonia* O. Kuntze (1891).

MANUSCRIPTS: Letters by B. to Alph. de Candolle and E. Boissier 1869-1892 at G.

19.955. Faculté de médecine de Paris. Thèse pour le doctorat en médecine, présentée et soutenue le 20 août 1855, ... de la *Famille des Aurantiacées*. Paris (Rignoux, Imprimeur de la Faculté de Médecine, ...) 1855. Qu. (*Fam. Aurantiac.*).

Publ.: 20 Aug 1855 (date of defense thesis), p. [1]-59. *Copies*: B-S, G, NY.

Ref.: Anon., *Bull. Soc. bot. France* 2: 555-556. Dec 1855 (rev.).

19.956. Concours pour l'agrégation des Facultés de médecine. Thèse sur la question suivante: *Des mouvements dans les organes sexuels des végétaux et dans les produits de ces organes*; présentée et soutenue le 16 décembre 1856 ... Paris (Rignoux, Imprimeur de la Faculté de Médecine ...) 1856. Oct. (*Mouvem. org. sex.*).

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Publ.: Apr (med.) 1858 (in journal; reprint donated to Soc. bot. Fr. 14 Mai 1858), p. [1]-7.

Copy: G. – Reprinted and to be cited from *Bull. Soc. bot. France* 4(11): 987-993. 1858. – Combined with, on p. 8 of reprint: *Les Scépacées* ... 1858, see below.

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19.959. *Anthostemidearum* sive Euphorbiacearum monandrarum descriptionem quae in herbario Musaei parisiensis extant tentat ... [*Ann. Sci. nat., Bot.* ... 1858]. Oct.

Publ.: Mar-Apr 1858 (in journal), p. [192]-204. *Copies*: B, G. – Reprinted and to be cited from *Ann. Sci. nat., Bot. ser. 4.* 9(3): 192. Mar 1858, 9(4): 193-204. Apr 1858.

19.960. No d'ordre 215. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences par M.H. Baillon. 1re Thèse. – *Recherches sur l'organisation des Euphorbiacées*. 2e Thèse – Propositions données par la Faculté. Soutenues le [7] août 1858 devant la commission d'examen ... Paris (Imprimerie de L. Martinet, ...) 1858. Qu. (*Rech. organ. Euphorb.*).

Publ.: 7 Aug 1858 (date of defense thesis), cover-t.p., p. [i-ii], [1]-241, [242]. *Copies*: B, G, L, MO, NY.

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Publ.: 1-12 Nov 1858 (in journal; donated to Soc. bot. France 12 Nov 1858), p. [1]-6. *Copy:*
 G. – Reprinted and to be cited from Bull. Soc. bot. France 5(6): 337-341. Nov 1858.
- 19.962.** *Monographie des Buxacées et des Stylocérées ...* Paris (Librairie de Victor Masson ...) 1859. Qu. (*Monogr. Buxac.*)
Publ.: Mai-Jun 1859 (copy donated to Soc. bot. France 8 Jul 1859), cover-t.p., p. [i-iii], [1]-87, [88-89], pl. 1-3 (uncol. copp. auct.). *Copies:* B, G, L, MO, NY.
Ref.: Anon., Bull. Soc. bot. France 6: 503-505. Nov 1859 (rev.).
 Hasskarl, J.K., Flora 43(13): 192-203. 7 Apr 1860 (detailed rev., mss. dated 29 Feb 1860).
- 19.963.** *Generum novorum quatuor descriptio ..* [Adansonia 1861]. Oct.
Publ.: 1 Feb-2 Apr 1861 (in journal), Adansonia 1(6): [184]-188. 1861. – Also separately issued, but not seen by us.
- 19.964.** *Mémoire sur les Loranthacées, ...* Extrait de l'Adansonia, Recueil d'observations botaniques, ... 1862. Oct.
Publ.: Jul-Aug 1862, p. [1]-51. *Copy:* B. – Reprinted and to be cited from Adansonia 2: 330-380. 1862.
Deuxième mémoire: Nov 1862, p. [1]-79, 1 pl. (uncol. copp.). *Copy:* B. – Id. 3(3): 50-128. 1862.
Ref.: Fournier, E., Bull. Soc. bot. France 10: 112-114. Oct 1863 (rev. part 1), id. 10: 165-167. Oct 1863 (rev. part 2).
- 19.965.** *Sur les nouveau genre Bouchardatia ...* [Paris (Imprimerie de E. Martinet, ...)] [1867]. Oct.
Publ.: Jul 1867 (in journal), p. [1]-5, 1 pl. *Copy:* B. – Reprinted and to be cited from Adansonia 7: 347-351. 1867. – See also ING 1: 226, entry by J.J. Swart: Bouchardatia. – Baillon named this genus after the pharmacist Apollinaire Bouchardat (1806-1886), active in Paris.
- 19.966.** *Traité du développement de la fleur et du fruit ...* Paris (Victor Masson et fils ...) 1868[-1879]. Oct.
Publ.: 1868-1879 (in journal [Adansonia]); 10 livraisons independently paginated, issued at the same time as the relevant livraisons of Adansonia; *reprint:* cover-t.p., p. [1]-160, pl. 1-8, 11-12 (uncol. liths. Faguet). *Copy:* G. – Issued in Adansonia 9: 1-21, pl. 1. Sep 1868, 9: 336-351, pl. 5. Dec 1870, 10: 1-9, pl. 3 ("2"). 15 Mar 1871, 11: 25-29. 20 Apr 1873, 11: 158-174, pl. 6. 15 Jan 1874, 11: 204-215, pl. 12. 15 Mar 1874, 11: 361-365. 15 Mai 1876, 12: 1-20, pl. 11-12. 20 Nov 1876, 12: 255-282, pl. 8, 6, 5. 20 Mar 1879, 12: 342-352, pl. 10. 10 Oct 1879, 12: 353-366, pl. 1, 2, 9. 20 Oct 1879.
- 19.967.** *Histoire des plantes. Monographie des Piperacées et des Urticacées ...* Paris (Libraire Hachette et Cie ...), London (id.) ... 1871. Oct. (*Monogr. Piperac. Urtic.*)
Publ.: 1871 (date on this preprint; publ. in Histoire des plantes 1872), cover-t.p., p. [i-iii], [465]-545. *Copy:* L. – Later publ. in *Hist. pl.* 4: 465-545. 1872.
- 19.968.** *Nouvelles observations sur les Aquilariées ...* Paris (Imprimerie de E. Martinet, ...) [1876]. Oct.
Publ.: 1876, p. [1]-10. *Copies:* B, G. – Reprinted and to be cited from Adansonia 11: 313-322. 1876.
- 19.969.** *Sur la constitution de l'androcée des Cucurbitacées ...* Association Française pour l'avancement des sciences. Congrès de Paris. 1878. Oct.
Publ.: Sep-Dec 1878 (read 27 Aug 1878), cover, p. [1]-9, pl. 14 (uncol. lith. Faguet). *Copies:*
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19.970. *Sur une rose de l'Anjou*. Lettre à M. le Président de la Société Linnéenne de Maine-et-Loire [Paris 1881]. Oct.form. (*Rose Anjou*).

Publ.: 1881 (fide Baillon, 3 Aug 1881 in Bull. mens. Soc. Linn. Paris no. 77, p. 293-295. 1881), p. [1]-7. *Copy*: B. – Sic: independent pamphlet.

19.971. *Anatomie et physiologie végétales*. Rédigées conformément aux programmes officiels du 2 août 1880 pour l'enseignement de la botanique dans la classe de philosophie ... Paris (Librairie Hachette et Cie ...) 1882. Oct. (*Anat. phys. vég.*).

Publ.: 1 Nov-15 Dec 1881 (preface 1 Sep 1881; Nat. Nov. Dec (1) 1881, Bot. Zeit. 30 Dec 1881), p. [i-iii]-viii, [1]-300. *Copies*: B, G, MO, NY. – See also TL-2/256.

19.972. *Les herborisations parisiennes* recherche, étude pratique et détermination facile des plantes qui croissent dans les environs de Paris ... Paris (Octave Doin, éditeur ...) 1890. Oct. (*Herboris. paris.*).

Publ.: 1890, p. [i-iii], [1]-482. *Copies*: B, NY.

19.973. Histoire des plantes. *Monographie des Graminées* ... Paris (Librairie Hachette et Cie ...), London (id.) ... 1893. Oct.

Publ.: 24 Apr 1893 (see TL-2/245), p. [i-iii], [135]-334. *Copy*: L. – Reprinted and to be cited from *Hist. pl.* 12: 135-334. 1893.

Baines, Thomas (1823-1895), of Lancaster, British gardener, at first at Catteral House near Garstang (Lancs) and at Southgate House, London. (*Th. Baines, Lancs.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 106; BM 1: 88; Desmond p. 29 (b. 9 Jul 1823, d. 2 Mar 1895); Kew 1: 126; Rehder 5(index): 44; TL-2/4661 and 7556 [this author!].

BIOFILE: Moyal, A., A bright and savage land 8, 66. 1986.

NOTE: Not to be confused with Thomas Baines (1822-1875), of Norfolk, artist and explorer who travelled and collected in S. Africa and N.W. Australia: see e.g. Desmond p. 29 and M. Gunn and L.E. Codd, Bot. Expl. S. Afr. 85-86. 1981; wrote several books on his travels, e.g. *Explorations in South-West Africa* 1864. – The revised edition of *Paxton's flower garden* 1882-1884 (see TL-2/4661 and 7556) was *not* revised by Thomas Baines of Norfolk but by Thomas Baines of Lancaster.

19.974. *Greenhouse & stove plants*, flowering and fine-leaved, palms, ferns, and lycopodiums, with full details of the propagation and cultivation of 500 [sic] families of plants, embracing all the best kinds in cultivation, suitable for growing in the greenhouse, intermediate house, and stove ... London (John Murray, ...) 1885. Oct. (*Greenhouse stove pl.*).

Publ.: 1885 (Bot. Zeit. 25 Sep 1885), p. [i, iii], [1]-362. *Copies*: B, MO, NY.
Later edition: 1896, London (J. Murray), 368 p., n.v. (see Bot. Zeit. 54(2): 272. 1 Sep 1896).

* **Bainier, Georges Marcellin** (1848-1920), French pharmacist, studied at the École supérieur de Paris, pharmacist first class 1882, in charge of the Mycothèque de l'École de pharmacie, working on micromycetes. (*Bainier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 107; BM 6: 49; CSP 9: 101, 12: 41, 13: 249; LS 1559-1575 (bibl.), 30.786-30.795; LS suppl. 1571-1584; Stevenson p. 1234; TL-2/1: 102.

BIOFILE: Anon., Bot. Centralbl. 107(3): 80. 21 Jan 1908 (price for his research on lower fungi), 114(37): 288. 13 Sep 1910 (Prix Montagne).

Dillemann, G., Bull. Soc. mycol. France 100(2): lxxxix-xc. 1984 (brief biogr. notice; b. 3 Jun 1848, Montargis, d. Apr 1920, Paris; "aucune notice ne semble lui avoir été consacrée"). Mangin, L.A., Bull. Soc. mycol. France 36: 121. 1920 (death notice).

19.975. École supérieure de Pharmacie de Paris. *Étude sur les Mucorinées*. Thèse présentée et soutenue à l'École supérieure de Pharmacie de Paris, le ... mars 1882 pour obtenir le diplôme de pharmacien de première classe ... Paris (F. Pichon et A. Cotillon, imprimeurs ...) 1882. Qu. (*Étude Mucorin.*).

Publ.: Mar 1882 (defense thesis, precise date left open, Nat. Nov. Apr (2), Bot. Zeit. 26 Mai 1882), p. [1]-136, *pl. I-II*. *Copy*: NY. — See also TL-2/1: no. 263.

Continuation: 1884, in Ann. Sci. nat., Bot. 19: 200-216. 1884.

Ref.: Zimmermann, O.E.R., Bot. Centralbl. 11(30): 115-132. 24-28 Jul 1882 (major review). Anon., Bull. Soc. bot. France 30(Bibl.): 125. 1883 (rev.).

* **Baker, Charles Fuller** (1872-1927), American botanist, agronomist, entomologist and administrator, studied at Michigan Agricultural College, Lansing, Mich., B.S. 1891 and at Stanford University, A.M. 1903; laboratory assistant Michigan Agricultural College 1891-1892, id. Colorado Agricultural College 1892-1897, biologist Alabama Polytechnic Institute 1897-1899, teacher at Central High School, St. Louis, Mo. 1899-1901, asst. professor of biology, Pomona College, Calif. 1903-1904, chief Dept. Agric. Bot., Est. Agron. Cuba 1904-1907, curator Museu Goeldi, Pará, Brazil 1907-1908, assoc. professor of biology, Pomona College 1908-1912, professor trop. agronomy, Univ. Philippines (Los Baños) 1912-1918, dean and professor of tropical agriculture, ib. 1918-1927. (*C. Baker*).

HERBARIUM and TYPES: POM (100.000); for further material and exsiccatae see IH 2: 50 and TL-2/1: 102-103.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 107 (b. 22 Mar 1872, Lansing, Mich., d. 22 Jul 1927, Manila, P.I.); BM 6: 49-50; Bossert p. 21; CSP 13: 251; Ewan ed. 1: 10, 11, 151-155, 200, ed. 2: 9; GR p. 203-204; Hortus 3: 1187; IH 1 (ed. 6): 355, 2: 50, 275; Kew 1: 126; Langman p. 104; Lenley p. 17; LS 30.797; LS suppl. 1587-1600; NAF 28B(2): 318; NW 39; SK 1: 30-31; Stevenson p. 1234; TL-2/1: 102-103, see also: 8830, 9932; Tucker 1: 52, 764.

BIOFILE: Anon., Amer. men Sci. ed. 1: 14. 1906, ed. 2: 20. 1910, ed. 3: 29. 1921, ed. 4: 42. 1927; Philippine Agriculturist 16: 223-226. 1927; In Memoriam Charles Fuller Baker 1872-1927 ... Philippine Naturalist 16: special no. 1928.

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Quisumbing, E., Philipp. geogr. J. 8: 30. 1964.

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Thomas, J.H., Contr. Dudley Herb. 5(6): 148. 1961; Huntia 3: 39. 1969.

- 19.976.** *A revision of the Elephantopaeae. I.* ... Transactions of the Academy of Science of St. Louis ... 1902. Oct.
Publ.: 20 Mai 1902 (date on cover-t.p.), cover-t.p., p. 43-56, *pl.* 9 (uncol. draw.). *Copy*: L. – Reprinted and to be cited from *Trans. Acad. Sci. St. Louis* 12(5): 43-56, *pl.* 9. 1902.
- 19.977.** *Pacific coast plants* issued by C.F. Baker ... [Stanford University, Cal. ... 1902] Oct. (size). (*Pacific coast pl.*).
Publ.: Mai 1902 (date on p. [3]), p. [1-3]. *Copy*: G. – Pamphlet sent out with the first lot of *Pacific coast plants* (exsicc.).
- 19.978.** *West American Plants* distributed by C.F. Baker Fall of 1902 ... [Stanford University, P.O., Cal. ... 1902]. Qu. (format). (*West Amer. pl.*).
 [1]: Sep-Dec 1902, p. [1]-20. *Copy*: B.
 2: Sep-Dec 1903, p. [1]-22. *Copies*: B, L.
 3: Sep-Dec 1904, p. [1]-12. *Copy*: B.
- 19.979.** *A study of caprifigation in Ficus nota* ... The Philippine Journal of Science ... 1913. Oct.
Publ.: Apr 1913 (in journal), p. 63-83. *Copy*: B. – Reprinted and to be cited from *Philipp. J. Sci., Bot.* 8(2): 63-83. 1913.
- * **Baker, Edmund Gilbert** (1864-1949), British (Yorkshire) botanist, educated at the Pharmaceutical College, London, assistant, later assistant keeper, Department of Botany BM(NH) 1887-1924, collected in N. Africa and Europe; son of John Gilbert Baker. (*E.G. Baker*).
- HERBARIUM and TYPES: BM, K and RTE; see also Kent and Allen p. 85, and Kent 1957, p. 41.
- BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 108; BJI 2: 6; BL 1: 284-285 (index), 2: 273; BM 1: 89, 6: 50; CSP 13: 251-252; Desmond p. 30 (b. 9 Feb 1864, Thirsk, Yorks; d. Kew, Surrey 17 Dec 1949); Hortus 3: 1187; IH 2: 50; Kew 1: 126-128; Langman p. 104; LS 1576; MW p. 27; MW suppl. p. 19; Rehder 5(index): 44; SK 4: cxx, cxlviii, clvii, 64, 105; TL-2/1: 103-104, see also 9065, 9067-9071, 9210; Tucker 1: 52-53, 765; Zander ed. 10, p. 630 (“Bak. f.”), ed. 11, p. 716 (“Bak.f.”).
- BIOFILE: Anon., Gard. Chron. ser. 3. 1(18): 581. 1887 (apptd. junior asst. BM); issue for 7 Jan 1950, p. 20 (obit. not.); J. Bot. 25: 224. 1887 (appt. asst. BM); Bot. Jahrb. 9(1), Beibl. 20: [1]. 30 (i.e. 29) Aug 1887 (appointed at BM replacing Fawcett); Pharmaceutic. J. 163: 493. 24 Dec 1949 (obit. not.).
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 Turrill, E.B., Nature 165: 98. 1950 (obit. not.).
- COMPOSITE WORKS: (1) see A.B. Rendle et al., *Motion nom. alg.* and further titles, TL-2/9065, 9067-9071.
 (2) see H.N. Ridley, *Report bot. Wollaston exp.*, TL-2/9210; Baker’s contribution on p. 33-35 and 50-57.
 (3) see H. Schinz, *Beiträge Kenntn. Afrik. Fl.*, TL-2/10.710.

(4) see S. Schönland, *New species of Crassula*, TL-2/10.999.

(5) *Botanical appendix*, in H.H.P. Deasy, *In Tibet and Chinese Turkestan* 1901, with Spencer Moore and A.B. Rendle, see J. Bot. 39: 214. 1901.

(6) *Polypetalae*, in J.W. Gregory, *The Great Rift valley* 389-392. 1896 (Appendix B).

(7) Contributed to botanical part of C.W. Andrews, *A monograph of Christmas Island*, London 1900, botany by E.G. Baker et al. on p. 171-200, *pl. 17-18*.

EPONYMY: see TL-2/1: 103; additional eponym (presumably): *Edbakeria* R. Vignier Apr 1948, Legum., see ING 1: 597, presumably honoring E.G. Baker (see P.A. Fryxell, Sida 10(2): 97. 1983).

19.980. *On a new species of Cytinus* from Madagascar, constituting a new section of that genus ... [J. Linn. Soc., Bot. 1888]. Oct.

Publ.: 1888 (read 1 Mar 1888), p. 465-468, *pl. 19* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from J. Linn. Soc., Bot. 24: 465-468. 1888.

19.981. *African species of Lobelia* Rhynchopetalum ... [Journal of Botany ... 1894]. Oct.

Publ.: Mar 1894 (in journal), p. [1]-6, *pl. 340-341* (R. Morgan del. et lith., uncol.). *Copy*: G. – Reprinted and to be cited from J. Bot. 32: 65-70, *pl. 340-341*. 1894.

19.982. *Synopsis of Malveae*: or enumeration of the plants contained in the first tribe of the natural order Malvaceae ... London (printed by West, Newman & Co., ...) s.d. [1894]. Oct. (*Syn. Malv.*).

Publ.: Mar-Jul 1894 (in journal; as a consolidated reprint; preface to this reprint dated on p. [iii]: Mar 1895, copy was received in Washington, D.C. 14 Sep 1895), p. [i-iii], [1]-124.

Copies: L, NY. – Reprinted from the Journal of Botany 28-32, 1890-1894 as follows (for precise dates see J. Bot.): 28: 15-18, 140-145, 207-213, 239-243, 339-343, 367-371. 1890, 29: 49-53, 164-172, 362-366. 1891, 30: 71-78, 136-142, 235-240, 290-296, 324-332. 1892, 31: 68-76, 212-217, 267-273, 334-338, 361-368. 1893, 32: 35-38. 1894. – Addition to TL-2/264.

Ref.: Britton, N.L., Bull. Torrey bot. Club 21(6): 270. 20 Jun 1894 (rev. of consolidated reprint).

19.983. *Revision of the African species of Eriosema* ... Reprinted from the 'Journal of Botany' ... 1895. Oct.

Publ.: 15 Aug-15 Sep 1895 (as reprint, copy G rd. 16 Sep 1895), cover-t.p., p. [1]-21. *Copy*: G. – Reprinted and to be cited from J. Bot. 33: 97-100. Apr, 141-148. Mai, 227-237. Aug 1895.

19.984. Botany. Dicotyledons. *Polypetalae* [& Gamopetalae] ... Reprinted from Christmas Island Monograph. ... [1900]. Oct.

Publ.: 1900, cover, p. [171]-185, *pl. 17* (uncol. lith. R. Morgan). *Copy*: G. – Reprinted from C.W. Andrews et al., *A monograph of Christmas Island* (Indian Ocean), London 1900, p. 171-185, *pl. 17*. – See e.g. BM 6: 131. – The *Apetalae*, *Monocotyledones* & *Gymnosperms* were treated by A. Gepp, *Lichens & Fungi* by N.H. Blackman, *Mycetozoa* by A. Lister.

19.985. *Two new Leguminosae from East Africa* ... Sonderabdruck aus Fedde, Repertorium ... 1911. Oct.

Publ.: 10 Nov 1911 (in journal), p. [124]-125. *Copy*: B. – Reprinted and to be cited from Fedde Repert. Spec. nov., Fedde 10: 124-125. 1911.

19.986. Dr. H.O. Forbes's *New Guinea plants* ... Journal of Botany ... Supplement 1923. Oct. (*Forbes N. Guin. pl.*).

Collector: Henry Ogg Forbes (1852-1932), see IH 2: 203 and SK 1: 169-170.

Publ.: Jun 1923, p. [1]-64. *Copy*: U. – Text by E.G. Baker on p. 2-23. – Issued as a supplement to J. Bot. 1923.

19.987. *Notes from the British Museum herbarium ...* Extracted from *The Journal of Botany ...* 1930. Oct.

Publ.: Jun 1930 (in journal), p. [181]-182. *Copy*: B. – Reprinted and to be cited from *J. Bot.* 68: 181-182. 1930.

19.988. *New Malvaceae from Angola ...* Extracted from *The Journal of Botany ...* 1939. Oct.

Publ.: Jan 1939 (in journal), p. [17]-22. *Copy*: B. – Reprinted and to be cited from *J. Bot.* 77: 17-22. Jan 1939.

Baker, Gladys Elizabeth (1908-x), American (Iowa-born) botanist, studied at the University of Iowa, B.A. 1930, M.S. 1923, at Washington, St. Louis, scholar in botany 1930-1931, staff artist 1932-1933, fellow in botany 1933-1935, research assistant in botany 1935-1936, instructor in biology from 1936. Dr. phil. Washington University, Jun 1935 (*G.E. Baker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 108 (b. 22 Jul 1908, Iowa City, Iowa).

19.989. *A study of the genus Helicogloea.* A dissertation presented to the Board of Graduate Studies in partial fulfilment of the requirements for the degree of doctor of Philosophy, June, 1935. Oct.

Publ.: Feb 1936 (in journal), cover-t.p., p. [69]-128, pl. 7-14 (uncol.). *Copy*: L. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 23(1): 69-128, pl. 7-14. 1936. – Dissertation either preprinted or submitted Jun 1935 as manuscript. In the latter case the citation is that of Feb 1936 as a reprint from the Feb 1936 issue of the journal.

* **Baker, John Gilbert** (1834-1920), British botanist, educated as Quaker, attending the Friend's schools at Ackworth and Bootham, York, in a drapery business in Thirsk 1847-1864, at the same time developing his interest in botany, one of the founders of the Thirsk Natural History Society until 1865, lost his herbarium and library by fire in 1864, joined the staff of the Royal Botanic Gardens, Kew, as first assistant of the herbarium 1866, at the same time lecturing on botany at the London Hospital Medical School 1869-1881, id. at the Chelsea Physic Garden 1869-1881, keeper of the Kew herbarium and library 1890-1899, in retirement living at Kew. (*Baker*).

HERBARIUM and TYPES: WELT; first herbarium destroyed by fire 1864, types at K and WELT, further material in ABD, BEL, BM, CGE, CN, CUP, DBN, F, GL, K, LDS, MANCH, MASS (bryo.), NMW, OXF, QK, US, WAR, WAS. – Issued *Plantae criticae britannicae*, *Herbarium of British Roses*, *Plants of North Yorkshire*, *Fasciculus of dried specimens of the Hieracia of North Yorkshire* and *Teesdale* (see W.J. Hooker, *J. Bot. Kew Gard. Misc.* 6: 57-58. 1854).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 403; Barnhart 1: 108; BB p. 15-16; BJI 2: 3; BL 1: 98, 285, 2: 625-626 [index]; BM 1: 84; Bossert p. 21; Bret. 817; Clokie p. 124; CSP 1: 164-165, 7: 74-75, 9: 102-104, 12: 41-44, 13: 253-255, 17: 399; Desmond p. 30 (b. 13 Jan 1834, Guisborough, Yorks, d. 16 Aug 1920, Kew); DSB 1: 412-413 (Desmond, impt. source); DTS 1: 14; Ewan ed. 1: 104; Frank 3(Anh.): 7; GR p. 388; Hortus 3: 1187 ("Bak."); IF p. 676-680, suppl. 1: 75; IH 1 (ed. 7): 309, 2: 50; Jackson p. 518 (index); Kew 1: 130-132; Langman p. 104-105; Lenley p. 17; LS 1577, 30.798; Morren ed. 2, p. 23, ed. 10, p. 70; MW p. 28-30; MW suppl. p. 19-20 (bibl.); NAF ser. 2. 2: 150. 1955; NI p. 6; NW p. 39; PR 358-360; Rehder 5(index): 44-45; SK 4(2): 108; TL-2/1: 104-106, see indexes, numerous entries; Tucker 1: 53; Zander ed. 10, p. 630 ("Bak."), ed. 11, p. 716 ("Bak.").

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Co-author: Spencer Le Marchant Moore (1850-1931), see TL-2/3: 570-571. – *Collector*: Johann Maria Hildebrandt (1847-1881), see IH 2: 275.

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Publ.: 14 Jul 1877 (p. 61-140) and 21 Aug 1877 (p. 141-180), (read 7 Dec 1876), p. [61]-180.

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Co-author: Spencer Le Marchant Moore (1850-1931), TL-2/3: 570-571.

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Publ.: 1 Oct 1879 (read 16 Feb 1879; 1 Oct 1879 in journal; Nat. Nov. Oct (2) 1879, Bot. Jahrb. 30 Apr 1880), p. [405]-510. *Copy*: G. – Reprinted and to be cited from J. Linn. Soc., Bot. 17(103): 405-510. 1879.

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Co-author: Heinrich Gustav Adolf Engler (1844-1930), *TL-2/1*: 757-797.

Publ.: 2 Aug 1892 (in journal), cover-t.p., p. [467]-479, *pl.* 20 (uncol. lith. J. Pohl). *Copy*: B.

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Baker, Richard Thomas (1854-1941), British born Australian economic botanist; arrived in Australia Sep 1879, science and art master at the Newington College, Sydney 1880-1888; with the Sydney Technological Museum from 1888, curator and economic botanist ib., succeeding as such Joseph Henry Maiden, 1901-1921; lecturer in forestry at the University of Sydney 1913-1924; specialist on *Eucalyptus*, *Pinus* and *Melaleuca*. (*R.T. Baker*).

HERBARIUM and TYPES: NSW, further material at A, BM, DBN, K, MEL.

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Note: We found no continuation or “part II.”

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Publ.: 26 Mai 1897 (date on cover-t.p.), cover-t.p., p. 153-157, *pl. 8-9* (uncol. lith. auct.).

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Publ.: 30 Jun 1897, cover-t.p., p. [i, t.p. recto of p. 230], 230-239, *pl. 10* (uncol. lith.). *Copy*:

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Publ.: 28 Jun 1899 (date on cover-t.p.), cover-t.p., p. [i recto of p. 292], 292-300, *pl.* 20-22 (uncol. liths. auct.). *Copy*: G. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 24(2): 292-300. 1899.
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- 20.026.** *On some New England Eucalypts and their economics ...* Reprinted from Journal and Proceedings of the Royal Society of N.S. Wales ... 1911. Oct.
Co-author: Henry George Smith (1852-1924), see TL-2/5: 676.
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Co-author: Henry George Smith (1852-1924), see TL-2/5: 676.
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- 20.028.** *A research on the Eucalypts of Tasmania and their essential oils ...* Hobart, Tasmania (John Vail, Government Printer) [1912]. Oct. (*Res. Eucalypts Tasm.*).
Co-author: Henry George Smith (1852-1924), see TL-2/5: 676.
Publ.: 14 Oct-31 Dec 1912 (“communicavit” 14 Oct 1912), cover-t.p., p. [i (t.p.), iii], [1]-71, 4 unnumb. *pl.* *Copy*: L. – Also published in Pap. Proc. Roy. Soc. Tasmania 1912: 139-209, 4 *pl.*
- 20.029.** *On two unrecorded Myrtaceous plants from New South Wales ...* From the Proceedings of the Linnean Society of New South Wales ... 1912. Oct.
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Publ.: 24 Sep 1913 (in journal; reprint “issued 23rd March 1914”, sic), cover-t.p., p. [597]-602, *pl.* 25-26 (uncol. liths.). *Copy*: L. – Reprinted and to be cited from Proc. Linn. Soc. N.S.W. 38(4): 597-602, *pl.* 25-26. 1913.
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Publ.: Dec 1913 (date on cover-t.p. of reprint), cover-t.p., p. [294]-310. *Copy*: L. – Reprinted and to be cited from Report Australasian Ass. Adv. Sci., Melbourne Meeting 1913, vol. 14: 294-310.
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Publ.: Dec 1914 (text read 2 Dec 1914; journal issue 1914 fide imprint on *pl.* 12; in absence of indications of a later date, the date printed on the plate should be retained), cover-t.p., p. [i, recto of p. 444], 444-447, *pl.* 12 (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from J. Proc. Roy. Soc. N.S.W. 48: 444-447, *pl.* 12. 1914.
- 20.033.** *The Australian “Grey Mangrove” (Avicennia officinalis, Linn.) ...* Reprinted from the Journal of Proceedings of the Royal Society of N.S. Wales ... [1915]. Oct.
Publ.: Nov-Dec 1915 (read 3 Nov 1915; journal issue dated 1915 on plates), cover-t.p., p. 257-281, *pl.* 27-46 (uncol. phot.). *Copy*: L. – Reprinted and to be cited from J. Proc. Roy. Soc. N.S.W. 49: 257-281, *pl.* 27-46. 1915.

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L. – Reprinted and to be cited from J. Proc. Roy. Soc. N.S.W. 51: 435-444, *pl. 25-33*. 1918.

20.036. *The hardwoods of Australia and their economics ...* Sydney (William Applegate Gullick, ...) 1919. Large oct. (*Hardwoods Australia*).

Publ.: 1919 (p. xiii signed Mai 1919), p. [iii], [v-vi], col. frontisp., [vii]-xvi, [1]-522, [523], *pl. 1-126, 34a, 44a, 48a, 53a, 56a, 86a, 89a, 97a, 104a* (col. slices of woods, 2 *pl.* per page). *Copies*: G, L, MO, NY.

Ref.: Diels, L., Bot. Jahrb. 34(Lit.): 37. 1904 (rev.).

W.D., Kew Bull. 1920(10): 375-376 (rev.).

Bakhuizen van den Brink [Sr.], Reinier Cornelis (1881-1945), Dutch (Java born) self-educated botanist; studied in Holland, returned to Java 1903 as a planter in West Java, collecting plants in Java from 1903; assistant, later botanist at the Botanical Gardens Buitenzorg 1917, on leave in Holland 1925-1926, retired 1935, stayed again in Holland 1935-1939; returned to Buitenzorg [Bogor] 1939, interned by the Japanese forces 1943, died in a "protection"-camp at Tjimahi, Java. (*Bakh.*)

HERBARIUM and TYPES: BO (over 8000), PAS (deposited in BO), L (Java dupl.). Further material in A, B, CAL, G, L, LE, MO, P, U, US, W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 51-52 (orig. info.); Barnhart 1: 110 (b. 30 Jan 1881, Pasuruan, Java; d. 4 Apr 1945, Tjimahi, Java); BJI 2: 6; BL 1: 106; IH 2: 51; JW 2: 184, 3: 341; Kew 1: 135; SK 1: 31-32 (sketch of life, coll. local., colls., litt.), cxlviii (handwriting), 4: 2, 95, 98, 99, 109, 111, clxi; TL-2/6996, 6998, 6999.

BIOFILE: Anon., Het Parool, Amsterdam 27 Oct 1945 (obit. not.).

Jacobs, M., Herman Johannes Lam photo 13. 1984 (portr. in group).

Merrill, E.D., Chron. bot. 14(5/6): 303 seq. 1954 (Bot. Cook's Voy.).

Steenis, C.G.G.J. van, Reinier Cornelis Bakhuizen van den Brink Sr., Bull. Bot. Gard.

Buitenzorg ser. 3. 18(1): 1-4, *pl. 1* (portr.). 1949 (obit., bibl.; b. 40 [sic, for 30] Jan 1881,

Pasoeroean, Java; d. 4 Apr 1945 in a Japanese "protection"-camp in Java, Tjimahi).

Verdoorn, F., Chron. bot. 1: 224. 1935.

COMPOSITE WORKS: (1) With H.J. Lam (senior author), *Index Verbenacearum quae anno 1921 in Horto botanico bogoriensi coluntur*, Bull. Jard. bot. Buitenzorg ser. 3. 3(4): 283-287. 1922.

(2) With J.J. Ochse (senior author), *Indische groenten* 1931, see TL-2/6996.

(3) With J.J. Ochse (id.), *Vegetables of the Dutch East Indies* 1931, see TL-2/6998. – The facsimile ed. of 1977 contains a biogr. note.

(4) With J.J. Ochse (id.), *Fruits and fruitculture* 1931, see TL-2/6999.

20.037. *Revision of the Verbenaceae of the Dutch East Indies and surrounding countries ...* Buitenzorg [Bogor] (Archipel Drukkerij) 1921. Oct.

Senior author: Herman Johannes Lam 1892-1977 (TL-2/2: 729).

Publ.: Jan 1921, cover-t.p., p. [1]-116, [i]-iii additions. *Copy*: U. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg, ser. 3. 3(1): 1-116, i-iii. 1921.

20.038. *Revisio Bombacacearum ...* Buitenzorg [Bogor] (Archipel Drukkerij) 1924. Oct.
Publ.: Jul 1924 (date on cover-t.p.), cover-t.p., p. [161]-240, *pl.* 26-38. *Copy*: U (sent to Pulle on 20 Nov 1924). – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg ser. 3.* 6(2): 161-240, *pl.* 26-38. 1924.

20.039. *Contributions à l'étude de la flore des Indes néerlandaises iv. Bombacaceae in India batava orientali crescentes ...* Buitenzorg [Bogor] (Archipel Drukkerij) 1924. Oct.
Publ.: Jul 1924 (date on cover-t.p.), cover-t.p., p. [241]-253, [254-255]. *Copy*: U. – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg ser. 3.* 6(2): 241-255. 1924.

20.040. *Enumeration of Malayan Ebenaceae ...* Reprint from the Garden's Bulletin, Straits Settlements ... 1933. Oct.
Publ.: Mai 1933 (date on cover-t.p.), cover-t.p., p. 161-189, *pl.* 48-50 (uncol. drawings).
Copy: U. – Reprinted and to be cited from *Gard. Bull., Straits Settlemt.* 7(2): 161-189, *pl.* 48-50. 1933.

20.041. *Orobanchaceae in India batava orientali crescentes ...* Buitenzorg [Bogor] (Archipel Drukkerij) 1933. Oct.
Publ.: Dec 1933 (date on cover-t.p.), cover-t.p., p. [77]-90. *Copies*: B, U. – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg ser. 3.* 13(1): 77-90. 1933.

20.042. 's Lands Plantentuin (Jardin botanique de Buitenzorg) ... *Revisio Ebenacearum Malayensium ...* Bulletin du Jardin Botanique ... [Buitenzorg (Bogor)] 1936-1955. Oct.
Editor: Dirk Fok van Slooten (1891-1953), TL-2/5: 648-649.

Title-page and preface of consolidated issue: Jan 1955, p. [i]-xx, *pl.* 1-92. – History of the publication; conspectus by van Slooten.

Livr. 1: Dec 1936, cover-t.p., p. 1-49. – Reprinted and to be cited from *Bull. Jard. bot. Buitenzorg ser. 3.* 15(1): 1-49. 1936.

Livr. 2: Dec 1937, cover-t.p., p. 49 [repeats p. 49 of *livr. 1*, sic]-178. – *Id.* 15(2): 49-178. 1937.

Livr. 3: Aug 1938, cover-t.p., p. 177-178 [do not repeat pages 177-178 of *livr. 2*], 179-368. – *Id.* 15(3): 177-368. 1938.

Livr. 4: Dec 1941, journal issue: 15(4): 369-515. 1941.

Livr. 5: Jan 1955, journal issue: 15(5): i-xx, *pl.* 1-92. 1955.

Copies: L, U.

* **Bakhuizen van den Brink [Jr.]**, Reinier Cornelis (1911-1987), Dutch botanist (born in the Dutch East Indies), moved to the Netherlands 1925, studied biology at the State University of Utrecht 1933-1939, Dr. phil. Utrecht 1943; assistant at the Rijksherbarium, Leiden assisting C.A. Backer in the work on the Flora of Java 1943, botanist on the staff of the Flora malesiana 1949-1976. (*Bakh. f.*).

HERBARIUM and TYPES: BO and L, further material at PAS, U, UC.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 22; IH 2: 51; Kew 1: 135; Roon p. 13; SK 1(1): 32, cxlviii (handwriting), 4: lxxiii; TL-2/1: 106-107, 6998, 8393, see J.H. Kern, A.A. Pulle, C.G.G.J. van Steenis; Zander ed. 10, p. 630, ed. 11, p. 716.

BIOFILE: Anon., Acta et Agenda, Leiden, 7 Oct 1976 (retirement, sketch of work, portr.).

Arditti, J., (ed.), *Orchid. Biol.* 1: 56, 70, 74, 78, 94. 1977.

Jacobs, M., (ed.), *Fl. males. Bull.* 29: 2532-2535. 1976 (retirement; detailed account of activities), 34: 3551. 1981.

Kalkman, C., *Blumea* 23: 1. 1976 (retirement, portr.).

Laudy, Y., *De Telegraaf* 2 Oct 1976 (biogr. sketch on retirement; portr.).

Pulle, A.A., *De Telegraaf* 9 Apr 1936 ("Een ijverig student in de plankunde", 24 yrs. old, made a collection of 4000 herb. specimens from W. Java; see also Java-Bode, 22 Apr 1936; copies at L).

COMPOSITE WORKS: (1) Contributed 35 entries on Malesian phanerogams to E.R. Farr, J.A. Leussink and F.A. Stafleu, *Index nom. gen. vols.* 1-3. 1979.

(2) *Linaceae*, in A.A. Pulle, *Fl. Suriname* 3(1): 409-411. 1941, *Humiriaceae*, ib. 3(1): 412-421. 1941.

(3) With C.A. Backer, *Flora of Java* 1-3, 1963-1968 (also various contr. to the *Beknopte Flora van Java, Nooduitgave*).

(4) see TL-2/1: 106-107.

20.042a. *Synopsis of the vernacular names and the economic use of the indigenous orchids of Java ...* [Blumea ... 1937]. Oct.

Publ.: 29 Jun 1937 (in journal), p. [38]-51. *Copies*: L, U. – Reprinted and to be cited from *Blumea Suppl.* 1 (J.J. Smith Jubilee vol.): 38-51. 1937.

Bakker, Jan Pieter (fl. 1833), Dutch physician, born in Haarlem, Dr. med. Utrecht 1833. (*J.P. Bakker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 110; PR 361.

20.043. *Dissertatio medica inauguralis de radice iwarancusae*, quam, annuente summo numine, ex auctoritate rectoris magnifici, ... pro gradu doctoratus, summisque in medicina honoribus ac privilegiis, in Academia Rheno-Trajectina, rite ac legitime consequendus, eruditorum examini ... Janus Petrus Bakker, Harlemensis, die xxix m. Martis, mdcccxxxiii, hora v. Trajecti ad Rhenum [Utrecht]. (ex offic. Paddenburgii et Soc.) 1833. Oct. (*De radice iwarancusae*).

Publ.: 29 Mar 1833 (date of defense thesis), p. [i]-vii, [viii], [1]-51, [52]. *Copy*: U. – *Theses* on p. [42]-44, poems by friends p. [45]-[52].

Balansa, Benedict ("Benjamin") (1825-1891), French botanical explorer, born on a ship in the Canal du Midi, S. France, on the way to Narbonne, life-long traveller, first trip to Algeria (1847-1848), again Algeria 1850-1853, first trip to the orient (Smyrna, western Anatolia) 1854-1855, again in the Orient (Cappadoce) 1856, and 1857-1865 (collecting with Smyrna as base), Lazistan 1866, Morocco 1867, New Caledonia 1868-1872, to Paraguay 1873-1877 and 1878-1884, Tonkin and Java 1885-1889, and 1890-1891; died in Tonkin. (*Balansa*).

HERBARIUM and TYPES: TL-2/1: 107 and IH 2: 51; holdings not mentioned so far are at: AWH, BHV, FH, FI-W, GE, GOET, H (also phanerogams), JE, LD, M, MPU, NY, OXF, PAD (lich., fungi), PAV, PH, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 384, 12(1): 265; Barnhart 1: 110; BJI 1: 3; BM 6: 51; Bossert p. 22; Clokie p. 124-125; CSP 1: 66, 7: 76, 12: 45, 13: 258; GR p. 304; Hegi 5(2): 993; Hortus 3: 1187; IH 2: 51; Kew 1: 137; Rehder 1: 509, 2: 58, 174; SK 1: 32-33 (documentation on Singapore and W. Java); TL-2/1: 107, see indexes; Urban-Berl. p. 273, 293, 326; Zander ed. 10, p. 630, ed. 11, p. 716.

BIOFILE: Anon., *Bull. Soc. bot. France* 1: 44, 107-108. 1854, 2: 654-657. 1856 (letter from Cilicie), 3: 354-355. 1856, 4: 208, 431-432. 1857, 13(Bibl.): 93. 1866, 14(Bibl.): 46, 96. 1867, 16(Bibl.): 192, 323-324 (letter). 1869, 19(Bibl.): 97. 1872, 20(Bibl.): 184. 1873, 21(Bibl.): 240. 1875, 23(C.R.): 123-124 (letter). 1876, 39(C.R.): 78 (d.). 1892; *J. Bot. (Morot)* 6(2): 44. 1892 (d.); *Rev. Bot.* 10(110): 661-664. 1892 (obit.).

Astre, G., *La vie de Benjamin Balansa, botaniste explorateur*, Toulouse 1947, 200 p., 3 pl. (main biography); *Mém. Acad. Sci. Inscr. Belles-Lettres. Toulouse ser.* 14, 3(124): 17-34.

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Candolle, Alph. de, *Phytographie* 393-394. 1880.

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Cosson, E. and M.C. Durieu de M., *Expl. Sci. Algérie, Bot.* 2: xx. 1868, [Cosson]; *Comp. fl. Atl.* 1: 16-17. 1881 (coll.).

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Roumeguère, C., *Rev. mycol.* 14(54): 88. 1 Apr 1892 (died at Hanoi, 18 Nov 1891, extract from last letter).

Sayre, G., *Mem. New York Bot. Gard.* 19(3): 285-286. 1975 (herb. colls.).

Stevenson, J.A., *Beih. Nova Hedwigia* 36: 28-30. 1981 (mycol. coll.).

Wagenitz, G., *Index coll. princ. herb. Gotting.* 17. 1982 (material at GOET, biogr. refs.).

HANDWRITING: G. Astre, *La vie de Benjamin Balansa*, Toulouse 1947, figs. 4 and 5.

COMPOSITE WORKS: (1) With P.E. Boissier, *Description du genre Thurya*, see Boissier.

20.044. *Ascension du Mont Humboldt* (Cando des Néo-Calédoniens), ... Extrait du Bulletin de la Société botanique de France ...

Publ.: Jul (prim.) 1873 (in journal), p. [303]-311. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. bot. France* 19: 303-311. 1873. – The reprint contains also p. 312-329.

20.045. *Catalogue des Graminées de la Nouvelle-Calédonie* ... [Paris (Imprimerie de E. Martinet) s.d. [1873]].

Publ.: Jul (prim.) 1873 (in journal; read 27 Dec 1872), p. [315]-329. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. bot. France* 19: 315-329. 1873.

20.046. *Catalogue des Graminées du Lazistan*, précédé de quelques considérations sur la végétation de cette contrée, ... [Extrait du Bulletin de la Société botanique de France ... [1874]]. Oct.

Publ.: Feb-Apr 1874 and Mai (sero)-Jun (prim.) 1874 (in journal), p. [331]-334, [on verso of 334: 10]-19. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. bot. France* 20(CRS 3): 331-334. Feb-Apr 1874 and 21(CRS 1): 10-19 Mai (sero)-Jun (prim.). 1874.

20.047. *Liste des Mousses du Paraguay* distribuées en 1884 ... Extrait de la Revue Bryologique ... 1885. Oct.

Publ.: 1885, p. [1]-3. *Copy*: G. – Reprinted and to be cited from *Rev. bryol.* 1885: 17-19.

20.048. *Catalogue des Graminées de l'Indo-Chine française* ... [Paris (J. Mersch) 1890]. Oct.

Publ.: 16 Jan-1 Mai 1890 (in journal), p. [1]-43. *Copies*: B, G. – Reprinted with independent pagination from *J. Bot.* [Morot] 4: 27-32. 16 Jan, 76-84. 16 Feb, 109-116. 16 Mar, 135-145. 1 Apr, 161-172. 1 Mai 1890.

Ref.: Taubert, P.H.W., *Bot. Jahrb.* 12(Lit.): 64. 23 Dec 1890 (rev.).

* **Balbis, Giovanni-Batista** [Jean-Baptiste in France] (1765-1831), Italian (Piemont) botanist, studied medicine, succeeded Allioni as professor at the University of Torino and director of its Botanical Garden 1802-1814; dismissed as such in 1814 because he had served the French, in Torino, during the Napoleonic occupation; retired to Pavia working with D. Nocca on a *Flora ticinensis*; director of the Botanical Garden in Lyon, France 1819-1830; in retirement in Torino. (*Balb.*).

HERBARIUM and TYPES: TO; plants from the Lyonnese period at LY; further material at B, BASSA, BM, BP, FI, FI-W, G-DC, H (large set in herb. Steven), LY, M, MOD, MPU, PAD, PH, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 406, 5(2): 290; Barnhart 1: 110 (b. 17 Nov 1765, Moretta, Saluzzo; d. 13 Feb 1831, Torino); BL 2: 194, 380; BM 1: 90-91, 6: 51; Bossert p. 22; CSP 1: 167-168; Frank 3(Anh.): 7; GR p. 513; GR, cat. p. 60; Hegi 6(2): 1304; Hortus 3: 1187; IF p. 680; IH 2: 51; Jackson p. 200, 286, 320, 438; Kew 1: 137; Lasègue p. 70, 342, 344; LS 1586-1592; MD p. 50-52; MW p. 30; NAF ser. 2. 2: 150; NI 70-71, 1448; PR 362-368, ed. 1: 424-431; Rehder 1: 61, 408, 424, 425; Saccardo 1: 20 (further biogr. refs.), 2: 14 (list herb.), cron. p. civ; Stevenson p. 1235; TL-1: 13; TL-2/1: 107-109, 6842 see C. Lortet, 9432 see G. Roffavier, see N.C. Seringe, K.P.J. Sprengel; Tucker 1: 54, 146; Urban-Berl. p. 293, 326, 414; Zander ed. 10, p. 630, ed. 11, p. 716.

BIOFILE: Anon., Bibl. Ital. (Milano) 61: 408-410. 1831 (obit.); Alg. Konst- Letterbode 1831(2): 193-194. 1831 (obit.); Flora 3(1) Beil. 1: 3-4. 1820, 14: 240. 1831 (obit.); Ann. Soc. Linn. Lyon 1923: frontisp. portr. 1924 (with caption).

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Dal Vesco, G. et al., Allionia 28: 5-20. 1987-88 ("loci classici", types).

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Forniers, G. et al., Allionia 28: 21-35. 1987-88 (catalog. coll. B.), 29: 112. 1989 (corr. with Bellardi).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 354. 1877.

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Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (corr. with Froelich in UPS-UB).

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Mattirolo, O., Cronist. orto bot. (Valentino). Torino liii-iv. 1929 (portr.).

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Stieber, M.T., Huntia 4(1): 32. 1981 (contents letter 31 Jun 1802, mentions Elenco 1801; already director Torino).

Urban, I., Symb. ant. 3(1): 18-19. 1902 (B. distributed Bertero's specimens Antilles Venezuela; name of collector Bertero often not mentioned; B. was not the collector).

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COMPOSITE WORKS: (1) Co-author, with D. Nocca, *Flora ticinensis* 1816-1821, 2 vols., TL-2/6842.

20.049. *Trois nouvelles espèces d'hépatique à ajouter à la flore du Piémont ...* [Mém. Acad. R. Sci. Torino ... 1804]. Qu.

Publ.: 1804, p. [3]-7, 2 pl. (col. copp. engr. by Ghianate Amati & Tela). *Copy*: G. – Reprinted and to be cited from Mém. Acad. R. Sci. Turin 1802-1803, 15: 73-77, 2 pl. 1804.

20.050. *De Crepidis nova specie*; adduntur etiam aliquot cryptogamae florum Pedemontanae ... [Mém. Accad. R. Sci. Torino ... 1805]. Qu.

Publ.: 1805 (by inference; in journal; read 24 Nivose an 12, 15 Jan 1804), p. [1]-23, *pl.* 1-2 (uncol. copp. engr. by Ch. Amati et Tela). *Copies*: G. MO. – Reprinted and to be cited from Mem. Acad. R. Sci. Turin 1803-1804, 16: 66-68. 1805, see CSP 1: 167-168.

20.051. *Enumeratio plantarum officinalium horti botanici Taurinenses Augustae Gallorum imperatricis Josephinae ... Taurini* [Torino] (ex Typographia phylantropica) a. 13. (1805). Oct. (half sheets). (*Enum. pl. off.*).

Publ.: Mar-Aug 1805 (preface 15 ven. anno 13: 6 Mar 1805; Neue Leipz. Lit.-Z. 6 Sep 1805), p. [1]-62. *Copies*: G, NY.

20.052. *Elenchus recentium stirpium*, quas Pedemontanae florum addendas censet ... [Taurini (Torino) ... 1816]. Qu. (*Elench. rec. stirp.*).

Publ.: 1816 (possibly available as preprint shortly after reading the text on 26 Mai 1816.

However, Flora 6(2) Beibl. 3: 98. Nov-Dec 1823, sic, dates this at 1819. This, however may have been the date of the complete journal volume. The immediate post-Napoleonic publications are very difficult to date.), p. [1]-11. *Copy*: G. – Pages 10-11 have a text "Elenchus stirpium quas pedemontanae florum addendas ... die 8 Juli 1806", sic. It is possible that this text was published as a preprint at the same time as p. 1-9. – Reprinted or reprinted from Mém. R. Acad. Sci. Turin 23: 102-11. 1818 or 1819.

Note: LS (1591) dates p. 102-110 at 1816 and p. 111-112 at 1818, this assuming that the journal volume came out in 2 parts.

* **Baldacci, Antonio** (1867-1950), Italian (Bologna born) botanist and plant collector on the Balkan and in Greece; studied at the University of Bologna, assistant at the Botanical Museum id., also lecturer at the University 1899, later professor of botany. (*Baldacci*).

HERBARIUM and TYPES: BOLO and FI; further material at B, BM (Albanian herb.), BP, BR, E, G, GB, GE, HBG, K, LAU, LE, M, MANCH, P, PI, PR, PRC, TO, W, WU. – See also Sayre 1975.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 202, 12(3): 63; Barnhart 1: 110 (b. 3 Oct 1867); BL 2: 384; Bossert p. 22; CSP 13: 259-260; Hortus 3: 1187; IH 2: 51; Kew 1: 137-139; Rehder 5(index): 46; Saccardo 1: 20, 2: 14; TL-2/1: 109; Tucker 1: 54; Urban-Berl. p. 326; Zander ed. 10, p. 630, ed. 11, p. 716.

BIOFILE: Adamović, L., Veg.-Verh. Balkanländ. (Veg. Erde 11) 14. 1909; Pfl.-Welt Adria-länder 164-165. 1929 (bibl.).

Anon., Bot. Monatschr. 15(11): 301. 1897 (returned from Albania); J. Bot. 63: 316. 1926 (BM acquired the Albanian herb. of B.).

Beck, G., Veg.-Verh. Illyr. Länd. (Veg. Erde 4): 26-27. 1901 (publ.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 411. 1983 (corr. with Halácsy et al. in UPS-UB).

Marchesetti, C. de, Atti Museo Civ. Storia nat. Trieste 9: 132. 1895.

Sayre, G., Mem. New York Bot. Gard. 19(3): 286. 1975 (herb. material).

20.053. *Altre notizie intorno alla flora del Montenegro ...* Genova (Tipografia di Angelo Ciminago) 1892. Oct.

Publ.: 1892 (date on t.p. of consolidated reprint; in journal 1892-1893, possibly partial preprint; Nat. Nov. Feb (1) 1894), cover-t.p., p. [i, dated 1892], [1]-123, [124]. *Copy*: G.

– Publication in *Malpighia*: 6: 58-89, 149-178. 1892, 7: 59-78, 163-191, 279-288. 1893.

Earlier publications on the results of his 1890 trip to Montenegro in *Malpighia* 4: 331-339, 378-403, 449-471. 1890 or 1891, 5: 62-82. 1891.

- 20.054.** *Contribuzioni allo studio delle gemme e specialmente di alcune ricerche sulla supergemmazione ...* Genève (Imprimerie Romet, ...) 1894. Oct.
Co-author: F. Filipucci.
Publ.: Jan 1894 (in journal), cover-t.p., p. [1]-8. Copy: G. – Reprinted and to be cited from Bull. Herb. Boissier 2(1): 24-31. 1894.
- 20.055.** *Rivista critica della collezione botanica fatta nel 1892 in Albania ...* Genova (Tipografia di Angelo Ciminago ...) 1894. Oct.
Publ.: Feb-Jun 1894 (p. 77: mss. closed 12 Dec 1893; Nat. Nov. Mai (2) 1894, Aug (2) 1894), cover-t.p., p. [1]-77. Copies: B, G. – Reprinted or partially preprinted from Malpighia 8: 69-87, 159-192, 278-301. 1894.
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* **Baldinger, Ernst Gottfried** (1738-1804), German (Gross Bargula, Langensolza) physician and botanist; studied medicine at Erfurt, Halle and Jena 1754-1760, Dr. med. Jena 1760, Prussian army physician 1761; habil. Langensolza as practicing physician 1763, professor of

medicine in Jena 1768, idem Göttingen 1773, idem Kassel 1783, ultimately, 1786-1804, professor of medicine at Marburg. (*Baldinger*).

HERBARIUM and TYPES: Unknown.

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* **Baldwin, William** (1779-1819), United States physician, botanist and plant collector; studied medicine at the University of Tennessee (1802), surgeon on a Philadelphia merchant vessel sailing to China 1805-1806, M.D. University of Pennsylvania 1807, practiced at Wilmington, Delaware 1807-1811, and Georgia 1811-1812, surgeon in the U.S. navy at St. Mary's and Savanna 1812-1817, visited Florida 1817, and S. American ports 1817-1818, ultimately surgeon and botanist to Long's expedition up the Missouri, died at Franklin, Missouri 1819. (*Baldw.*).

HERBARIUM and TYPES: See TL-2/1: 110. Additional holdings: WECO, WLU.

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Balfour, Edward Green (1813-1889), British (Scottish) surgeon in the Madras Army, India. (*E.G. Balf.*).

HERBARIUM and TYPES: Unknown.

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* **Balfour, Isaac Bayley** (1853-1922), British (Scottish) botanist, studied at the University of Edinburgh, B.S. 1873, Dr. Sci. 1875, B.M. 1877, specializing in botany at Würzburg and Strassburg; with the transit of Venus exp. Rodriguez Islands 1874, collected on Socotra 1879-1880, professor of botany University of Glasgow 1879-1884, Sherardian professor of botany at Oxford 1884, professor of botany Edinburgh and queen's botanist in Scotland 1888-1922, son of J.H. Balfour. (*I.B. Balf.*).

HERBARIUM and TYPES: E; first set of Rodriguez and Socotra (1874-1875) at K; further material at B, BM, BR, DBN, F, GL, LE, LIV, M, MANCH, NH, NMW, NY, OXF, P, PH, S, WAR. – *Collectio myxomycetum* at E (many collectors).

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(2) K. Goebel, *Outlines of classification and special morphology*. A new edition of Sachs’s *Textbook of botany*. Book II. Translated by Henry E.F. Garnsey, revised by I.B. Balfour, London 1887, 482 p. (*Publ.*: Mar 1887, see *Bot. Centralbl.* 30: 18. 1887, review *ib.* 30: 226-227. 1887).

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* **Balfour, John Hutton** (1808-1884), British (Scottish) botanist, educated at the High School Edinburgh, studied at the Universities of Edinburgh and St. Andrews, M.D. Edinburgh 1832, at a medical school in Paris 1832-1834, practising physician Edinburgh 1834, succeeded W.J. Hooker as professor of botany at Glasgow 1841-1845, Queen's botanist in Scotland, Regius Keeper of the Royal Botanic Garden and professor of botany at Edinburgh 1845-1879, L.L.D. Univ. Edinburgh, St. Andrews and Glasgow 1879, one of the founders of the Botanical Society of Edinburgh. (*Balf.*).

HERBARIUM and TYPES: E. – Further material at AK, B, BEL, BR, FH, GL, K, KIEL, L, LIV, MANCH, MSE, NMW, OXF, PERTH, PH, TCD, WAR, WECO. – See also Kent and Allen 1984.

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Authorship: J.H. Balfour, senior author, with Charles Cardale Babington (1808-1895) (see e.g. TL-2/1: 83-84 and this supplement) and William Hunter Campbell (1814-1883). – “Printed for the Botanical Society of Edinburgh.”

Publ.: 1841, p. [i-iii], [1]-16. *Copies:* G(2), NY.

Other editions: *Ed. 1:* A catalogue of British plants, included in W.J. Hooker, *Brit. Fl.*, ed. 3, 15 p. Edinburgh 1836.

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Ref.: Schlechtendal, D.F.L. von, *Bot. Zeit.* 4: 450-451. 26 Jun 1846 (rev.).

20.102. *Arrangement of vegetable tissues* and organs, analysis of natural orders, and other tables, for the use of students of botany ... Edinburgh, 1846. Oct. (*Arrang. veg. tissues*).

Authorship: Anonymous pamphlet, attributed (in copy G) to J.H. Balfour (source not given).

Balfour had become professor of botany at Edinburgh 1845.

Publ.: 1846, p. [i-ii], [1]-25. *Copy:* G.

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Publ.: 1851, p. [i]-xvi, [1]-242, [1]-24 (adv.). *Copy:* NY.

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- 20.I06.** *Class book of botany* being an introduction to the study of the vegetable kingdom ... Edinburgh (Adam and Charles Black) 1854. Oct. (*Class book bot.*).
Publ.: 1852-1854 (preface signed Jan 1854), p. [i]-xxiv, [1]-1114, *1 fold. pl. Copies*: G, MO, NY. — See J. Bot. Kew Gard. Misc. 4: 158-160. 1852: part 1 publ. 1852.
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- 20.I07.** *The plants of the Bible.* Trees and shrubs. ... London (T. Nelson and Sons, ...) Edinburgh; and New York. 1857. Oct. (*Pl. Bible*).
Publ.: 1857, p. [i*], [i]-iv, [1]-2, [1]-54, *12 col. pl. Copies*: MO, NY.
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Publ.: 1860, p. [i-iii], [1]-74. *Copy*: NY.
- 20.I12.** *Observations on temperature in connection with vegetation*, having special reference to the frost of December, 1860 ... including a detailed account of the effects produced on the plants in the Royal Botanic Garden of Edinburgh, by Mr. James M'Nab, superintendent of the garden ... Edinburgh (printed by Neill and Company) 1861. Oct.
Co-author: James McNab (1810-1878).
Publ.: 1861, p. [1]-51. *Copies*: B, G. — Reprinted and to be cited from Trans. Bot. Soc. Edinburgh 7: 58-92. 1863. — Preliminary publ. in Edinburgh New Phil. J. 13: 232-273. 1861.
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Ed. 3: 1878, frontisp., p. [i]-vii, [1]-118, [119-120, adv.]. *Copy:* NY.

20.116. *Notes on a continental tour* in August and September 1877, ... Edinburgh (printed by Neill and Company) 1878. Oct.

Publ.: 1878, p. [1]-43, 1 pl. (uncol. lith.). *Copy:* G. – Reprinted and to be cited from Trans.

Bot. Soc. Edinburgh 13: 171-211. 1878. (Historical and informative account of the situation 1877 in AMD, B, C, HBG, KIEL, L, LD, S, UPS (herbaria)).

Balicka-Iwanowska, Gabrielle [Gabryela] (1869-?), Polish botanist, studied at the University of Genève 1889-1893, worked at the laboratory of systematic botany with R. Chodat 1893-1895, Dr. ès. sci. 1893; married Sigismond Balicki (1858-1916), Polish politician and socialist, emigrant in Genève 1891; worked with K. Goebel in München 1896-1898; living in Krakow from 1898, working on plant physiology until 1905; living in Warsaw from 1918; member of the first constituante of Poland 1922-1937. (*Balicka-Iwanowska*).

HERBARIUM and TYPES: Unknown.

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BIOFILE: Briquet, J. and F. Cavillier, Ber. Schweiz. Bot. Ges. 50a: 22-23. 1940 (biogr. sketches, sources, bibl. of 12 nos.).

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Publ.: Mar 1893, p. [i], [67]-120, pl. 3-5. *Copies:* B, G. – Reprinted and to be cited from Arch. Sci. phys. nat. Genève 29: 67-120, 1893, also Univ. de Genève, Lab. Bot. ser. 1, fasc. 6. 1893, and thesis (no copy with thesis page seen).

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Publ.: Jan 1903 (in journal; date on cover Jan 1903, read 5 Jan 1903), cover-t.p., p. [i, t.p.], [9]-32. *Copy:* L. – Reprinted and to be cited from Bull. Acad. Sci. Cracovie, Cl. Sci. mat. nat. 1903(1): 9-32.

Ball, Carleton Roy (1873-1958), American (Iowa born) botanist, studied at the Iowa State College, B.S. 1896, M.S. 1899, D.Sc. hon. causa 1920; taught botany at Iowa State College 1896-1898; with the U.S.D.A. Division of Agrostology 1898; initiated pioneer experiments with grain Sorghums and broom corn 1906, introduced, tested, classified and named wheat varieties from 1914, in charge of the Division of Cereal Crops and Diseases U.S.D.A. 1918-1929; specialized on Salix. (*C.R. Ball*).

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MANUSCRIPTS: HU, see M.T. Stieber et al., *Huntia* 4(1): 35-39. 1981.

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Publ.: 18 Mai 1899 (date on p. 90 of reprint), p. 69-90. *Copy*: B. – Preprinted from Trans. Acad. Sci. St. Louis 9: 69-90. [1899]. 1900.

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Publ.: 1900 (in journal), p. [141]-154, *pl. 10-12* (maps). *Copy*: B. – Reprinted and to be cited from Proc. Iowa Acad. Sci. 7: 141-154, *pl. 10-12*. 1900 (for 1899). Also as Contr. Iowa-State Coll. Agr., Bot. Dept. no. 18.

20.121. *Johnson Grass*: Report of investigations made during the season of 1901 ... Washington (Government printing office) 1902. Oct. (*Johnson Grass*).

Publ.: 1902, cover-t.p., *pl. 1* (uncol. phot.), p. [1]-24. *Copy*: G. – Issued as Bull. U.S.D.A. Bureau Pl. Industry 11, 1902.

20.122. *The history and distribution of Sorghum ...* Washington (Government Printing Office) 1910. Oct. (format). (*Hist. distr. Sorghum*).

Publ.: 8 Apr 1910 (date on t.p.; Nat. Nov. Jun 1910), cover-t.p., p. [1]-63. *Copy*: B. – Issued as Bull. U.S.D.A. Bureau Pl. Industry 175. 1910.

20.123. *New or little known West American willows ...* Berkeley, California (University of California Press) 1934. Oct.

Publ.: 7 Sep 1934 (date on p. [ii]), cover-t.p, p. [i-ii], [399]-417, *pl. 67-74*. *Copies*: B, U. – Reprinted and to be cited from Univ. Calif. Publ. Bot. 17(14): [i-ii], 399-417, *pl. 67-74*. 1934.

* **Ball, John** (1818-1889), Irish botanist, politician and alpinist, educated at St. Mary's Oscott, Warwickshire and Christ's College, Cambridge, called to the Irish bar 1845 (not practising), assistant poor law commissioner 1846-1847, 1849-1851, member of parliament for Carlar 1852, undersecretary for the colonies 1855-1857, alpine traveller from ca. 1845 onward, dedicating himself to botany and geography, accompanied J.D. Hooker and G. Maw to Morocco 1871, travelled in South America 1882. (*J. Ball*).

HERBARIUM and TYPES: E and K; further material in A, B, BASSA, BM, BRISTM, C, CGE, COLU, DBN, F, FI, G, GOET, HH, IA, L, LE, LY, M, MANCH, MO, NMW, NY, OXF, P, P-CO, PAD, PH, TCD, UC, US, WAR, WECO, YK.

BIBLIOGRAPHY and BIOGRAPHY: AG 7:94, 357; Barnhart 1: 112; BB p. 17; BL 1: 43, 45, 233, 254, 256, 2: 319, 330; BM 1: 93, 6: 52-53; Clokie p. 125; CSP 1: 171, 7: 78, 9: 109, 13: 263; Desmond p. 33 (b. Dublin 20 Aug 1818, d. London 21 Oct 1889); DSB Suppl. 1: 115; DTS 1: 14, 6(4): 51, 111; Ewan ed. 1: 156, ed. 2: 11; Frank 3(Anh.): 7; Hortus 3: 1187; IH 2: 52; Jackson p. 229, 351; Kew 1: 146; ME 3: 533; Morren ed. 10, p. 72; PR 393; Rehder 5(index): 47; Saccardo 1: 21, 2: 14, cron. p. xv; TL-2/1: 112-113, see also 2982; Tucker 1: 56; Urban-Berl p. 327; Zander ed. 10, p. 631, ed. 11, p. 717.

- BIOFILE: Allan, M., *The Hookers of Kew* 219-220. 1967.
- Anon., *Bot. Gaz.* 14(12): 328. 1889 (brief notice); *Nat. Nov.* 1: 351. 1889 (d.); *Leopoldina* 26: 170. 1890 (obit. not.); *Bot. Not.* 1890: 45 (d.); *ÖBZ* 40: 180. 1890 (left his herb. and library to J.D. Hooker to be placed in a "scientific institute of his choice" [mainly K]); *Tijdschr. Kon. Ned. Aardrijksk. Genootsch.* ser. 2. 7: 770-771. 1891 (obit. sketch, partial bibl.); *Kew Bull.* 1896: 151-152 (obit.); *Manuscr. papers Brit. scientists 1600-1940*. 5. 1982.
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- Urban, I., *Fl. bras.* 1(1): 2-3. 1906.
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- MANUSCRIPTS: Letters at Kew, see G.D.R. Bridson et al. 1980 (no. 269.53), and Stieber, M.T. et al. *Huntia* 4(1): 39. 1981.
- NOTE: John Ball was an enthusiastic alpinist; he published in this field. His main work was his *Alpine guide*, part 2: *The central Alps* 1863, and part 3: *Guide to the Eastern Alps*. 1868.
- COMPOSITE WORKS: (1) Co-author with J.D. Hooker and George Maw, *Journ. Marocco* 1878, TL-2/2982.
- 20.124.** *Descriptions of some new species*, subspecies, and varieties of plants collected in Marocco by J.D. Hooker, G. Maw, and J. Ball ... Reprinted from the *Journal of Botany* ... 1873. Oct.
- Publ.*: Sep-Dec 1873, p. [i]-xxxii. *Copy*: G. – Reprinted and to be cited from *J. Bot.* 2: 267-273. Sep, 296-307. Oct, 332-335. Nov, 364-374. Dec 1873.
- Continuation*: Jun-Jul 1875, p. [i]-viii. *Copy*: G. – Id. 4: 172-177. Jun, 204-206. Jul 1875.
- Ref.*: Anon., *Bull. Soc. bot. France* 20(Bibl.): 222-224. 1874 (part 1, rev.).

- 20.125.** *Notes on the botany of the district of Bormio ...* [London (printed by Spottiswoode and Co., ...) s.d.]. Oct.
Publ.: 1894, Italian version, translated from the author's original manuscript, published as *Nota sulla botanica del distretto di Bormio*, Nuovo Giorn. bot. ital. 6: 97-109. 1874. – English text printed, without date, p. [1]-11, [12, imprint], possibly independent but may also have been reprinted from a not mentioned journal or book. *Copy*: G.
- 20.126.** *On the mountain flora of two valleys in the Great Atlas of Marocco ...* [London (printed by Spottiswoode and Co., ...) 1878]. Oct.
Publ.: Dec 1878 (see TL-2/2982), p. [1]-24. *Copies*: G, WU. – Reprinted and to be cited from J.D. Hooker, J. Ball and G. Maw, *Journ. Marocco* Dec 1889 (see composite works above).
- 20.127.** *On the origin of the flora of the European alps.* A lecture delivered at the Evening Meeting, June 9th, 1879. From Proceedings of the Royal Geographical Society and Monthly Record of Geography, 1879. Oct.
Publ.: Jul-Aug 1879 (read 9 Jun 1879; J. Bot. Sep 1879), cover-t.p., p. [1]-25. *Copies*: G, WU. – Reprinted and to be cited from Proc. R. Geogr. Soc. Mon. Rec. Geogr. 1879(1): 564-588.
Ref.: Anon., Bull. Soc. bot. France 26(Bibl.): 109-112. Nov-Dec 1879 (rev.). Engler, A., Bot. Jahrb. 1(Lit.): 78-79. 30 Apr 1880, Bot. Zeit. 38: 668-669. 24 Sep 1880 (rev.).
- 20.128.** *Contributions to the Flora of North Patagonia and the adjoining territory ...* London (printed for the Linnean Society, ... by Taylor and Francis, ...) 1884. Oct.
Publ.: 18 Aug 1884 (in journal; Nat. Nov. Sep (2) 1884), cover-t.p., p. [203]-240. *Copies*: B, G. – Reprinted and to be cited from J. Linn. Soc., Bot. 21(134): 203-240. 1884. – Reprint mentioned in Bot. Zeit. 42: 702. 31 Oct 1884.
Ref.: Hellwig, F., Bot. Jahrb. 7(Lit.): 103-107. 28 Mai 1886 (extensive review).
- 20.129.** *Contributions to the flora of the Peruvian Andes, with remarks on the history and origin of the Andean flora ...* London (printed for the Linnean Society, by Taylor and Francis, ...) 1885. Oct.
Publ.: 24 Dec 1885 (in journal; date on cover-t.p.: "December 1885"), cover-t.p., p. [1]-64. *Copies*: B, G(2), NY. – Reprinted and to be cited from J. Linn. Soc., Bot. 22(141): 1-64. 1885. – Mentioned as received by Soc. bot. France in séance 12 Feb 1886.
Ref.: Weberbauer, A., Die Pflanzenwelt der peruanischen Anden (Veg. Erde 12) 16. 1911.
- 20.130.** *Notes on the botany of western South America ...* London (printed for the Linnean Society, ... by Taylor and Francis, ...) 1886. Oct.
Publ.: 14 Apr 1886 (in journal; imprint on t.p. reprint "April 1886"), cover-t.p., p. [137]-168. *Copies*: B, G. – Reprinted and to be cited from J. Linn. Soc., Bot. 22(142): 137-168. 1886. – Available at session 28 Mai 1886 of Soc. bot. France, Paris.
Ref.: Weberbauer, A., Die Pflanzenwelt der peruanischen Anden (Veg. Erde 12) 16. 1911.
- 20.131.** *Notes of a naturalist in South America ...* London (Kegan Paul, Trench & Co., ...) 1887. Oct. (*Notes natural. S. Amer.*).
Publ.: Jan 1887 (available at session 11 Feb 1887 of Soc. bot. France), p. [i]-xiii, [1]-416, 1 col. map, [1]-44 (adv.). *Copies*: G, MO, NY, U, Wurdack.
Ref.: Reiche, K., Grundzüge Pflanzenverbr. Chile (Veg. Erde 8) 22. 1907 ("so entbehrt sein Buch ... jeder Bedeutung").
 Engler, A., Bot. Jahrb. 8(Lit.): 160. 22 Apr 1887 (non-committal review).
- 20.132.** *Cousinia layardi ...* Lausanne (Imprimerie Georges Bridel & Cie.) 1890. Oct. (*Cousinia layardi*).
Co-author: William Barbey (1842-1914) see TL-2/1: 118-119.

Publ.: 11 Jul 1890 (date on p. [3]), cover-t.p., p. [1-4], 1 pl. (uncol. lith.). *Copies*: B, G. – Independent pamphlet, issued by Barbey, Ball died 1889.

20.133. *Further contributions to the flora of Patagonia.* By the late John Ball, F.R.S., M.R.I.A., F.L.S. & C. ... [J. Linn. Soc., Bot. ... 1891]. Oct.

Publ.: 25 Apr 1891 (in journal; "read 6th February 1890", posthumously), p. 471-500. *Copy*: B. – Reprinted and to be cited from J. Linn. Soc., Bot. 27 (187-188): 471-500. 1891.

20.134. *The distribution of plants on the south side of the Alps ...* London (printed for the Linnean Society by Taylor and Francis, ...) 1896. Qu. (*Distr. pl. south side Alps*).

Publ.: Jul 1896 (date on cover), cover, p. 119-227. *Copy*: G. – Issued as Trans. Linn. Soc. London ser. 2 (Bot.). 5(4). 1896. – With an introductory note by W.F. Thiselton-Dyer, ... (published posthumously).

Ball, Oscar Melville (1868-1942), Palaeobotanist and botanist, B.A. University of Virginia 1896, Ph.D. Leipzig (with W. Pfeffer) 1904; from 1903 at the Agricultural and Mechanical College of Texas. (*O.M. Ball*).

HERBARIUM and TYPES: TAES.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 235; Barnhart 1: 113 (b. 25 Aug, Miami, Mo.); Ewan ed. 2: 11; IH 2: 52.

20.135. *A contribution to the palaeobotany of the Eocene of Texas ...* Bulletin of the Agricultural and Mechanical College of Texas ... 1931. Qu (form). (*Contr. Eocene Texas*).

Publ.: 7 Aug 1931 (latest date on t.p.), cover-t.p., p. [i-viii], [1]-172, [173], pl. 1-48 (uncol. phot.), [i*-iii*, index]. *Copies*: NY, U. – Issued as Bull. Agr. Mech. Coll. Texas ser. 4. 2(5). 1 Mai 1931 (sic, t.p. mentions the date 7 Aug 1931 as that of "entered as second class matter...")

Part 2: 1 Mar 1939, p. [1]-54, pl. 1-13 with text. *Copy*: NY.

Bally, Peter René Oscar (1895-1980), Swiss botanist, educated in Mannheim, studied chemistry in Switzerland, employed at the secretariat of the League of Nations, Genève, travelled in Albania 1924 and India, sent to Tanganyika to collect new medical plants 1929-1930, salesman with Mobil Oil in Mombassa, later especially interested in native medical plants, later at the Coryndon Memorial Museum, Nairobi, Kenya 1938-1958, collecting widely in Eastern Africa 1933-1957, at the Conservatoire botanique, Genève 1958-1962, ultimately again in Nairobi, Dr. h.c. Basel 1973. (*P. Bally*).

HERBARIUM and TYPES: EA, K. – Further material in C, FI, MO, ZSS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 114; BL 1: 56, 57, 67; Hortus 3: 1188; IH 2: 53; Kew 1: 148-149; Roon p. 14.

BIOFILE: Anon., Flow. pl. Afr. 41(3-4): [2 p.]. 1972 ("1971"), (portr.); Asclepiadaceae 21: 22. 1980; Taxon 30: 373. 1981 (b. 9 Mai 1895, d. 21 Jun 1980).

Holmes, S.C., Cact. Succ. J. 53: 55. 1981 (biogr. sketch, portr.).

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Pfennig, M., Kakt. andere Sukkul. 1980(11): 328-329 (obit., portr.).

White, A. and B.L. Sloane, The Stapelieae ed. 2. 15. 1937 [index].

MANUSCRIPTS: Correspondence 1950-1966 with Gilbert W. Reynolds, now at HU (see M.T. Stieber et al., Huntia 4(1): 39. 1981).

OUTSIDE OUR PERIOD: *The genus Monandrium*, Bern 1961, 111 p., 5 maps, 32 pl. (mostly col.). – See Taxon 10: 230. 1961.

20.136. *Heil- und Giftpflanzen der Eingeborenen von Tanganyika ...* Dahlem bei Berlin (Fabeckstrasse 49. – ...) 1938. Oct. (*Heil- Giftpfl. Tanganyika*).
Publ.: 20 Apr 1938 (date on t.p.), p. [i-v], [1]-87, *pl. 1-19* (uncol. phot. and map). *Copy*: U.
 – Issued as *Repert. Spec. nov. Regni Veg., Beih.* 102, 1938.

Bally, Walter Friedrich Eugen (1882-1959), Swiss (Aarau) botanist, educated at the Aarau Gymnasium, at the University of Genève 1902 (with Chodat), at the Polytechnic University of Zürich 1902, Dipl. 1906, Dr. phil. Zürich 1907, habil. Bonn 1911, first assistant Bonn 1912, habil. Basel 1915, at the University of Basel 1916, botanical assistant at the Central Java Experiment Station at Salatiga 1919, director 1920-1921, botanist at the Malang Experiment Station, Eastern Java 1921-1931, from 1931 head of the division of tropical and subtropical cultures at the International Institute of Agriculture in Rome, from 1950 in retirement in Genève. (*W. Bally*).

HERBARIUM and TYPES: BO (Java, Sumatra).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 114; BFM 273; BJI 2: 6; IH 2: 53; Kew 1: 149; LS suppl. 1639-1650, 8953; SK 1: 33, 8: xii; TL-2/9234, 12.667.

BIOFILE: Anon., *Hedwigia* 51(3) (Beibl.): (244). 1911 (habil. Bonn); 52(1) (Beibl.): (83). 1912 (first asst. Bonn); *Nat. Nov.* 37: 264. 1915 (habil. Basel); *Bot. Centralbl.* 131(9): 224. 1916 (appt. Basel); *ÖBZ* 81(1): 80. 1932 (at Malang).
 Vischer, W., *Verh. Schweiz. naturf. Ges.* 139 (Jahreshauptversammlung): 379-384. 1959 (main biogr., with autobiogr. parts, portr., bibl.).

20.137. *Der obere Zürichsee*. Beiträge zu einer Monographie. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen Philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (E. Nägele)) 1907. Oct. (*Obere Zürichsee*).
Publ.: 25 Jun 1907 (date of defense thesis), cover-t.p., p. [i, iii], [113]-178, *pl. 1* (uncol. phot.).
Copy: U. – Preprinted from *Arch. Hydrobiologie* 3: 113-178, *pl. 1*. 1907.
Ref.: Ulbrich, E., *Bot. Jahrb.* 40(Lit.): 114-115. 3 Mar 1908 (rev.).

20.138. *Cytologische Studien an Chytridineen ...* Leipzig (Verlag von Gebrüder Borntraeger) 1911. Oct.
Publ.: 1911 (*Nat. Nov.* Dec (2) 1911), cover-t.p., p. [95]-156, *pl. 1-5* (uncol. liths., auct.).
Copy: G. – Reprinted and to be cited from *Jahrb. wiss. Bot.* 50: 95-156, *pl. 1-5*. 1911.
Ref.: Matouschek, F., *Bot. Centralbl.* 131(16): 403. 18 Apr 1916 (rev.).

20.139. *Chromosomenzahlen bei Triticum- und Aegilopsarten*. Ein cytologischer Beitrag zum Weizenproblem ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1912. Oct.
Publ.: 22 Mai 1912 (in journal), p. [163]-172, *pl. 8* (uncol.). *Copies*: G, L. – Reprinted and to be cited from *Ber. deut. bot. Ges.* 30(4): 163-172. 1912.

20.140. *Die Godronschen Bastarde zwischen Aegilops- und Triticumarten*. Vererbung und Zytologie ... Sonderabdruck aus der Zeitschrift für induktive Abstammungs- und Vererbungslehre ... 1919. Oct.
Publ.: 1919 (submitted 5 Jun 1918), cover-t.p., p. [177]-248, *pl. 1-4* (uncol.). *Copy*: G. – Reprinted and to be cited from *Z. indukt. Abst. Vererb.-Lehre* 20(3): 177-248, *pl. 1-4*. 1919.

20.141. *Handboek voor de Koffiecultuur. Eerste deel. De ziekten van de koffie ...* Amsterdam (Drukkerij en Uitgeverij J.H. de Bussy) 1931. Oct. (*Ziekten koffie*).

Publ.: 1931, p. [i]-xii, [1]-212, pl. 1-14 (col.; in text). *Copy*: U.

Bálmis, Francisco Xavier [de] (fl. 1794), Spanish physician and botanist. (*Bálmis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 114; BM 1: 93; PR 394, ed. 1: 451.

BIOFILE: Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 356. 1877.

Leon, N., *Bibl. bot.-mexic.* 29-55. 1895 (criticism on B's statement that *Begonia* and *Agave* are better medicine than mercury against syphilis).

20.142. *Demonstracion de las eficaces virtudes nuevamente descubiertas en las raices de dos plantas de Nueva-España, especies de Ágave y de Begonia, para la curacion del vicio venéreo y escrofuloso, y de otras graves enfermedades que resisten al uso del mercurio, y demas remedios conocidos ...* Madrid (En la imprenta de la viuda de D. Joaquin Ibarra ...) 1794. Oct. (*Demonstr. virt. pl. Nueva-Esp.*).

Publ.: 1794, p. [i-viii], [1]-247. *Copies*: MO, NY.

German version: 1797, p. [i]-viii, [1]-156, 2 pl. *Copy*: GOET(NSUB). – D. Franz Xavier Balmis über die amerikanischen Pflanzen *Agave* und *Begonia* als zwey neuentdeckte spezifische Mittel gegen die Lustseuche, Scropheln and andere dahin sich beziehende Krankheiten. Aus dem Spanischen ins Italienische und aus diesem ins Deutsche übersetzt nebst Anmerkungen von Friedrich Ludewig Kreysig ... Leipzig (in der Baumgärtnerischen Buchhandlung) 1797. Oct.

* **Balsamo, Francesco** (1850-1922), Italian botanist (algologist), educated at Napoli, Dipl. Sci. nat. Univ. Napoli 1874, associated with the Napoli Botanical Garden and its director V. de Cesati until 1881, assistant ib. 1881-1882, idem with Pasquale at the Botanical Institute, later idem with E. Delpino, professor of biology id. 1900. (*Balsamo*).

HERBARIUM and TYPES: If any at NAP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 114 (b. 22 Mai 1850); BL 2: 345, 626; BM 1: 93, 6: 54; De Toni 1: ix, 2: xi, 4: iv; LS 30.816; Morren ed. 10, p. 85; Nordstedt p. 3, 7; Rehder 1: 117; Saccardo 1: 21 (b. 22 Mai 1850); TL-2/1: 113; see also 3979.

BIOFILE: Cavara, F., *Bull. Orto bot. r. Univ. Napoli* 7: 281-289. "1924" (i.e. 1927) (biogr., portr., bibl.; b. 20 Mai 1850 sic, Napoli, d. 9 Nov 1922).

VanLandingham, S.L., *Cat. Diat.* 6: 3510. 1978.

NOTE: Author, with Michele Geremicca, *Botanici e botanofili napoletani*, in *Bull. Orto bot. r. Univ. Napoli* 3: 37-74. 1913 (with portr.).

20.143. *Homonymiae algarum* in plantis animalibusque tentamen ... Neapoli (Typis Regiae Scientiarum Academiae apud Michaëlem de Rubertis) 1888. Oct. (*Homonym. alg.*).

Publ.: 1888, cover-t.p., p. [1]-25. *Copy*: WU.

20.144. *Index ad F. Traug. Kuetzingii species algarum, unicum editionem* (1849) perfectus ... Neapoli (ex typographia Tornese) 1892. Oct.

Publ.: 1892, p. [1]-64. *Copy*: FH. – See TL-2/3979, for this index for F.T. Kützing, *Species algarum* 1849.

20.145. *Prospectus. Iconum algarum index* adjecto generum algarum omnium indice systematico digessit Franc. Balsamo ... Naples Novembre 1894. Qu.

Publ.: Nov 1894-Mai 1895 (Prospectus dated Nov 1894, but this date may be that of writing

the introductory text; in a letter to an unknown correspondent, in L copy of 21 Apr 1895, part 1 may be expected to be ready in Mai 1895. This prospectus contains 2 p. "prospectus" and p. [1]-32 as a sample. This agrees with Part 1 of the Index, see below), p.[i-ii], [1]-32.
– Copy: L.

20.146. *Iconum algarum index* adjecto generum algarum omnium indice systematico. [Napoli 1895-1901]. Qu.

1: [1]-32. 1895 (Nat. Nov. Nov 1895, Bot. Centralbl. 23 Oct 1895).

2: 33-64. 1897.

3: 65-96. 1897 ([?], but Nat. Nov. Oct 1898).

4: 97-128. 1898 (Nat. Nov. Oct 1898).

5: 129-160. 1899 (Nat. Nov. Feb 1899; actual publ. possibly late 1898).

6: 161-192. 1900.

7: 193-224. 1900 (ÖBZ 1 Dec 1900).

8: 225-328. 1901.

Copy: PCS.

* **Balsamo-Crivelli, Guiseppe Gabriel** [originally Joseph Gabriel Balsamo, sic] (1800-1874), Italian botanist, natural history teacher at a secondary school in Milano 1826, also director of the Orto botanico di Brera, Milano 1826-1852, assistant professor for general natural history at the University of Pavia 1852-1853, professor of zoology and mineralogy ib. (*Bals.-Criv.*).

HERBARIUM and TYPES: MI, further material at FI, G, MPU, PAD. – Issued *Musci mediolanenses* together with J. de Notaris, 1833-1834, 4 vols., sets at B, FI, FI-W, G, M, MPU, PAD, PAV, RO, TO, W.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 166; Barnhart 1: 114 (b. 1 Sep 1800, Milano, d. 15 Nov 1874, ib.); BM 1: 93, 6: 54; Bossert p. 23; CSP 1: 173-174, 2: 94-95 (sub Crivelli), 6: 576, 7: 81-82, 12: 46; De Toni 2: xi; Frank 3(Anh): 7; Hortus 3: 1191 (sub Crivelli); IH 2: 53; Jackson p. 173, 319 (sub Crivelli); Kew 1: 149; LS 1613-1625, 4969; PR 396-398, ed. 1: 453-455; Quenstedt p. 20 (d. 15 Nov 1874); Saccardo 1: 21 (b. 1 Sep 1800, Milano, d. 15 Nov 1874, ib.), 2: 14; SBC p. 115 ("Bals."); TL-2/1: 113-114; Urban-Berl. p. 293; Zander ed. 11, p. 737 (sub Crivelli).

BIOFILE: Anon., Bot. Zeit. 12: 677. 1864 (*Balsamia* Vitt. "riecht balsamisch", Joseph Balsamo, later Balsamo-Crivelli); Cenzo stor. R. Univ. Pavia 1873: 149-151 (bibl.), n.v. Calderini, P., Il professore Cavaliere Giuseppe Balsamo-Crivelli, Colleono, Varallo, 1875, 38 p. (fide P. Gilbert 1977).

Cesati, V. de, Saggio 10-11. 1862.

Conci, C., Atti Soc. ital. Sci. nat. 106: 36-37, pl. 13. 1967 (on his work for the Museo di Milano; portr.).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 357. 1877 (brief biogr., selected bibl.).

Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 274. 1938 (dir. Orto bot. di Brera, Milano 1826-1852).

Gilbert, P., Comp. biogr. lit. deceased entomol. 79. 1977 (5 refs. to biogr. papers on "Crivelli, Giuseppe Balsamo").

Granel de Solignac, L. and L. Bertrand, Naturalia Monsp., Bot. 18: 278. 1967 (exsiccatae).

Grobben, K., in Bot. Zool. Österreich 1850-1900, Festschr. zool.-bot. Ges. Wien 532. Wien 1901 (on his status at Pavia).

Harant, H. et al., Rev. bryol. lichénol. 89: 720-724. 1966 (material at MPU).

Sayre, G., Mem. New York Bot. Gard. 19(2): 179. 1971 (on exsiccatae).

20.147. *De Solanacearum familia* in genere addita Verbasorum italiae indigenorum monographia dissertatio inauguralis quam annuentibus magnifico domino rectore illustrissimo

facultatis direttore perillustri d. decano ac clarissimis d.d. professoribus auspice R. Dominico Nocca botanices professore emerito pro doctoris medicinae laurea rite capessenda in celeberr. I.R. Universitate Ticinesi die xviii Augusti mdcccxxiv. Publicae disquisitioni submittit Joseph Gabriel Balsamo-Crivelli mediolanensis collegii Borromaei alumnus. In theses adnexas disputabitur in Universitatis aedibus. Ticini Regii (Ex typ. P. Bizzoni Bolzanii success, I.R. Universitatis Typograph. [1824]. Oct. (*Solanac. fam.*).

Publ.: 18 Aug 1824 (date defense thesis), cover-t.p., p. [1]-47. *Copy*: WU.

20.148. *Enumerazione delle piante crittogame non descritte nella flora crittogamica dell'Italia settentrionale del chiarissimo signor dottor Ciro Pollini dei dottori Guiseppe Balsamo ... e Guiseppe De Notaris ... Milano (Dall' I.R. Stamperia) 1832. Oct. (Enum. piant. critt. Ital.).*
Co-author: Giuseppe de Notaris (1805-1877), see TL-2/1: 622-625. *Collector*: Ciro Pollini (1782-1833), TL-2/4: 331-332.

Publ.: 1832-1833, Centurio I (1832): p. [1]-11, [12], Centurio II (1833): p. [1]-9, [10]. *Copy*: WU. – Centurio 1 also published in *Bibl. Ital.* 64, 1832, centurio 2 in id. 70. 1833. – Journal issue not seen.

20.149. *Pugillus muscorum Italiae novorum vel minus cognitorum ... Taurini (ex Regia Typographia) [1838]. Qu.*

Co-author: Giuseppe de Notaris (1805-1877), see TL-2/1: 622-625.

Publ.: 1838 (in journal; text read Oct 1836), p. [1]-30. *Copies*: G, U. – Reprinted and to be cited from *Mem. R. Accad. Sci. Torino* 40: 327-351. 1838. We have no indication that the reprint was issued before the journal (reprint with journal pagination at U).

* **Bamber, Charles James** (1855-1941), British colonial physician and botanist, with the Indian medical service 1878; inspector-general of civil hospitals, Punjab 1910-1915. (*Bamber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 115; CSP 13: 273; Desmond p. 34 (b. 14 Jul 1855, d. 9 Jan 1941); Kew 1: 150; Rehder 3: 604; TL-2/1: 114.

20.150. *Plants of the Punjab.* A descriptive key to the flora of the Punjab, North-West Frontier Province and Kashmir ... Lahore (Printed by the Superintendent Government Printing) 1916. Oct. (*Pl. Punjab*).

Publ.: 1916 (p. [v*]: 1 Jul 1916, t.p. 1916), p. [i*-v*], [i]-iii, [1]-652, index: [i]-xxviii, 4 pl. *Copies*: L, MO; IDC 8543. – Slightly revised text of TL-2/293.

Bancroft, [Claude] Keith (1885-1919), British (Barbados born) mycologist and phytopathologist, educated at Harrison College Barbados, studied at Trinity College, Cambridge, England, B.A. 1909, worked some time in the Jodrell Laboratory, Kew, assistant mycologist in the Federated Malay States 1910, assistant director and government botanist, British Guiana 1913-1919. (*Bancroft*).

HERBARIUM and TYPES: BRG. – See R.C. Ek, 1990, p. 24-25.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 115 (b. 30 Oct 1885, Barbados, d. 11 Jan 1919, Toronto, Ontario); Kew 1: 150.

BIOFILE: Anon., *Kew Bull.* 1910(7): 253 (appt. Fed. Malay. St.), 1913(2): 91 (appt. Brit. Guiana), 1919(1-2): 86 (obit.); *Bot. Centralbl.* 140(22): 352. 1919 (d.).
Ek, R.C., *Fl. Guianas suppl. ser.* 1: 24-25. 1990 (coll.).

20.151. *A handbook of the fungus diseases of West Indian plants ...* London (Geo. Pullman and Sons, ... [on cover, t.p. has: “published privately by the author”]) 1910.

Publ.: 1910 (*Nat. Nov.* Oct (1) 1910), cover-t.p., p. [1]-70, pl. 1-6 (uncol.). *Copy*: L.

Bancroft, Edward (1744-1821), British naturalist and chemist, traveller in America, especially active in dyeing and calico printing, father of E.N. Bancroft. (*E. Bancroft*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 95; DNB 3: 105; Kew 1: 150.

20.152. *An essay on the natural history of Guiana*, in South America. Containing a description of many curious productions in the animal and vegetable systems of that country. Together with an account of the religion, manners, and customs of several tribes of its Indian inhabitants. Interspersed with a variety of literary and medical observations. In several letters from a gentleman of the medical faculty, during his residence in that country ... London (Printed for T. Becket and P.A. De Hondt in the Strand) 1769. Oct. (*Essay nat. hist. Guiana*). *Publ.*: 1769, frontisp., p. [i*-vi*], [i]-iv, [1]-402, [403-406, adv.]. *Copies*: MO, NY.

German translation: 1769, p. [i]-x, [xi-xii], [1]-248, 1 pl. *Copy*: NY. – *Naturgeschichte von Guiana in Süd America*. Worinn von der natürlichen Beschaffenheit und den vornehmsten Naturproducten des Landes, ingleichen der Religion, Sitten und Gebräuchen verschiedener Stämme der wilden Landes-Einwohner, Nachricht ertheilet wird. In vier Briefen ... Frankfurt und Leipzig (bey J. Dobsley und Compagnie) 1769.

Ref.: Mabberley, D.J., *Taxon* 30(1): 13-14. 1981 (details on plant names in this essay).

Bancroft, Edward Nathaniel (1772-1842), British botanist and physician, studied medicine in Cambridge, M.B. 1794, M.D. 1804, military physician at the Windward Islands, Portugal and Egypt; settled in Kingston (Jamaica) 1811-1842, ultimately general inspector of the local military installations; son of Edward Bancroft. (*E.N. Bancroft*).

HERBARIUM and TYPES: K (incl. corr.); further material at CGE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 116; BB p. 18 (b. 1772); CSP 1: 75; Desmond p. 34 (b. London 1772, d. Jamaica 18 Sep 1842); DNB 3: 106-107; Hortus 3: 1188; IH 2: 53; Kew 1: 150.

BIOFILE: Mabberley, D.J., *Taxon* 30(1): 7-17. 1981 (Edw. N. Bancroft's obscure journal publications and his father's plant names; identifications).

Stearn, W.T., *J. Arnold Arb.* 46: 265. 1965.

Urban, I., *Symb. ant.* 3(1): 19. 1902.

COMPOSITE WORKS: (1) Contributed to John Lunan, *Hort. jamaic.* 1814, see TL-2/5096.

EPONYMY: *Bancroftia* Macfadyen 1837 (ING 1: 175).

Bancroft, Helen ["Nellie"] **Holme** (1887-?), British palaeobotanist, M.A. Oxon., B.S. London 1910, D. Sci. id. 1915, private research worker at Barneville (Manche), France. (*H.H. Bancroft*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 235; Barnhart 1: 116; Hortus 3: 1188; Kew 1: 150-151.

BIOFILE: Bullock, A.A., *Bibl. S. Afr. bot.* 7. 1978.

20.153. *A contribution to the geological history of the Dipterocarpaceae* ... Reprinted from Geologiska Föreningens i Stockholm Förhandlingar ... 1933. Oct.

Publ.: Jan-Feb 1933 (in journal), cover-t.p., p. 59-100. *Copy*: B. – Reprinted and to be cited from Geol. För. Stockholm Förhandl. 1933: 59-100.

20.154. *Some fossil dicotyledonous woods from Mount Elgon, East Africa I-II.* ... Reprinted from the American Journal of Botany ... 1935. Oct.

1: Feb 1935 (in journal), p. [i, recto of 164], [164]-183. *Copy:* U. – Reprinted and to be cited from Amer. J. Bot. 22: 164-183. 1935.

2: Mar 1935 (in journal), p. 279-290. *Copy:* U. – Id. 22: 279-290. 1935.

20.155. *The wood anatomy of representative members of the Monotoideae* ... Reprinted from the American Journal of Botany ... 1935. Oct.

Publ.: Oct 1935 (in journal), p. 717-739. *Copy:* B. – Reprinted and to be cited from Amer. J. Bot. 22: 717-739. 1935.

Bandi, Walter (fl. 1903-1920), Swiss (Rütti) mycologist; Dr. phil. Bern 1903. (*Bandi*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 116; Kew 1: 151; LS 1655; LS suppl. 1687.

20.156. *Beiträge zur Biologie der Uredineen (Phragmidium subcorticium (Schrank) Winter Puccinia caricis montanae Ed. Fischer).* Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Philosophischen Fakultät der Universität Bern ... 1903. Oct.

Publ.: On or after 20 Jul 1903 (date on t.p.: acceptance of thesis by faculty), cover-t.p., p. [i], [1]-36. *Copy:* G. – Published and to be cited from Hedwigia 42: 118-128. 9 Mai 1903, 129-152. 4 Jul 1903.

Ref.: Klebahn, H., Bot. Zeit. 62, Abth. 2: 328-329. 1 Nov 1904 (rev.).

* **Bang, Miguel** (1853-1936), Danish-born botanical collector, educated in gardening at the Royal Botanical Gardens Kew, to Bolivia 1883 to collect living orchids, also sets of herbarium specimens 1889-1894, later active as a gardener, collecting again, with M. Cardenas, on the Mulford Biological Exploration of the Amazon basin. (*Bang*).

HERBARIUM and TYPES: MO, NY, US (large collections), further material at, B, BM, C, CM, COLO, CORD, DBN, E, F, G, HH, ISC, K, KSC, L, LD, LE, M, MANCH, MICH, MIN, O, PH, S, TRIN, UC, UPS (Lich.), USDA, W, WELC, WRSL, WU. – This includes various parts of *Plantae bolivianae a Miguel Bang lectae*, distr. by N.L. Britton and H.H. Rusby.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 117; BM 1: 95; IH 2: 53.

BIOFILE: Cardenas, M., Miguel Bang. The forgotten botanical explorer of Bolivia, not published, type script in the possession of Alfred Hansen, Copenhagen (our source for this biogr. caption).

Fox Maule, A., Bot. Tidsskr. 69: 194. 1974.

Funk, V.A. and S.A. Mori, Smithson. Contr. Bot. 70: 4. 1989 (further refs.).

Herzog, Th., Pfl.-Welt Boliv. Anden 2. 1923 (field and geogr. details insufficient in B's coll.).

Sayre, G., Mem. New York Bot. Gard. 19(3): 287. 1975 (colls.).

Stevenson, J.A., Beih. Nova Hedwigia 36: 31-32. 1971.

BOLIVIAN PLANTS: See H.H. Rusby, *An enumeration of the plants collected in Bolivia by Miguel Bang* with descriptions of new genera and species, Mem. Torrey bot. Club 3(3): 1-67. 28 Apr 1893, 4: 203-274. 1894, 6: 1-130. 1896 and Bull. New York Bot. Gard. 4(4): 309-470. 1907, see TL-2/9819. – *Copies:* B, BR, G, HH, L, M, MICH, MO, NY, U. – See also H.H. Rusby et al., *An enumeration of the plants collected by Dr. H.H. Rusby in South America 1885-1886* ... TL-2/9813.

FIELD NOTES: NY (field notes and accession books 81 and 82).

EPONYMY: The genera *Bangia* Lyngbye (1809), *Bangiella* Gaillon (1833) and *Bangiopsis* Schmitz (1897) were named after Niels Hofman Bang (1776-1855), see Alfred Hansen, Bot. Tidsskrift 69(2-3): 206-207. 1974.

Banker, Howard James (1866-1940), American (N.Y. State) teacher and mycologist of Dutch descent, graduated from Syracuse University 1892, taught at Poultney (Vt.) 1892-1895, served a Union Church pastorate at Proctor (Vt.) 1895-1898, graduate student at Columbia University 1898-1901, A.M. 1900, started studying the Hydnaceae, teacher of mathematics at Dickinson Seminary 1901, teacher of biology at Southwestern State Normal School at California (Pa.) 1901-1904, professor of biology at DePauw University 1904-1910, Ph.D. Columbia 1906, active mycologist 1901-1914, at Eugenics Record Office at the Station of Experimental Evolution (Carnegie Inst. of Washington at Cold Spring Harbor, Long Island, N.Y.) 1914-1933, in retirement at Huntington, N.Y. (*Banker*).

HERBARIUM and TYPES: NY (orig. herb.), further material in DPU (now also at NY).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 117 (b. 19 Apr 1866, Schaghticoke, N.Y., d. 13 Nov 1940, Huntington, N.Y.); IH 2: 53; LS 1: 84 (nos. 1661-1665), 30.838-30.839; LS suppl. 1688-1697; Stevenson p. 1235.

BIOFILE: Anon., *Torrey* 6(6): 131. 1906 (degree doctor of philosophy Columbia Univ.); J. New York Bot. Gard. 42: 247. 1941 (B's herb. left to NY, 4477 specimens, of which ca. 2000 higher plants; lower plants mostly fungi), 43: 10. 1942 (id.).

Barnhart, J.H., J. New York Bot. Gard. 12: 118-119. 1911 (detailed curr. vit., b. 19 Apr 1866, Schaghticoke, N.Y.); *Mycologia* 33(4): 341-343. 1941 (obit., portr., bibl.; text in heading is abstract from this paper).

Blakeslee, A.F., *Science* 92(2398): 547-548. 1940 (obit.).

Hawksworth, D., *Mycologist's handbook* 181. 1974.

Hesler, L.R., *Biogr. sketches North Amer. mycol.* 1975 (mss. [1] p.).

House, H.D., *New York State Mus. Bull.* 329: 187. 1942.

Rogers, D.P., *Brief hist. mycol. N. Amer.* 38. 1977.

Rogerson, C.T., *Mycologia index vols.* 1-58: 821-822. 1968.

20.157. *A preliminary contribution to a knowledge of the Hydnaceae ...* New York (Reprinted from the Torrey botanical Club ...) 1901. Oct.

Publ.: 18 Apr 1901 (in journal), cover-t.p., p. 199-222. *Copies*: G, NY, US. – Reprinted and to be cited from *Bull. Torrey bot. Club* 28: 199-222. 1901. – Reprint issued as *Contr. Dept. Bot. Columbia Univ.* 179. 1901.

20.158. *A historical review of the proposed genera of the Hydnaceae ...* New York (Reprinted from *Bulletin Torrey botanical Club ...*) 1902. Oct.

Publ.: 25 Jul 1902 (in journal), cover-t.p., p. 436-448. *Copies*: G, NY, US. – Reprinted and to be cited from *Bull. Torrey bot. Club* 29: 436-448. 1902. – Reprint issued as *Contr. Dept. Bot. Columbia Univ.* 194. 1902.

20.159. *A contribution to a revision of the North American Hydnaceae ...* *Memoirs of the Torrey botanical Club ...* 1906. Oct. (*Contr. N. Amer. Hydnac.*).

Publ.: 13 Jun 1906 (date on t.p.; *Nat. Nov. Jul* (2) 1906), cover-t.p., p. 99-194. *Copy*: U. – Issued as *Mem. Torrey bot. Club* 12(2). 1906.

20.160. *Type studies in the Hydnaceae I-VII ...* (Reprinted from *Mycologia ...*) 1912-1914. Oct. 1: Sep 1912 (in journal), cover-t.p., p. 271-278. – Reprinted and to be cited from *Mycologia* 4: 271-278. 1912.

2: Nov 1912 (in journal), cover-t.p., p. 309-318. – Id. 4: 309-318. 1912.

3: Jan 1913 (in journal), cover-t.p., p. 12-17. – Id. 5(1): 12-17. 1913.

4: Mar 1913 (in journal), cover-t.p., p. 62-66. – Id. 5(2): 62-66. 1913.
 5: Jul 1913 (in journal), cover-t.p., p. 194-205. – Id. 5(4): 194-205. 1913.
 6: Nov 1913 (in journal), cover-t.p., p. 293-298. – Id. 5(6): 293-298. 1913.
 7: Sep 1914 (in journal), cover-t.p., p. 231-234. – Id. 6(5): 231-234. 1914.
Copies: L.

* **Banks, George** (fl. 1820s-1830s), British silversmith, engraver and botanist, at Devon port, lecturer on botany. (*G. Banks*).

HERBARIUM and TYPES: CGE, K. – Some letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 117; BB p. 18-19; BM 1: 95; IH 2: 53; Jackson p. 234, 258, 518; Kew 1: 153; NI 73; PR 402-403, ed. 1: 465; Rehder 1: 397; TL-2/1: 115; Tucker 1: 57.

BIOFILE: Davey, F.H., Fl. Cornwall xxxix-xl. 1909.
 Freeman, R.B., Brit. nat. hist. books 1495-1900. 38. 1980.
 Kent, D.H., Brit. herb. 41. 1957.
 Kent, D.H. and D.E. Allen, Brit. Irish herb. 87. 1984.
 Martin, W.K. and G.T. Fraser, Fl. Devon 772. 1939.

20.161. *An introduction to the study of English botany.* Illustrated by thirty-seven plates ... London (Longman, Hurst, Rees, Orme, and Brown, ... and Byers, ...) 1823. Oct. (in half sheets). (*Intr. study Engl. bot.*).

Ed. 1: Jul 1823 (p. [iii]: Jul 1823), frontisp., p. [i, iii], [1]-75, *pl. 1-37* (uncol. copp. auct.), [i* subscr.], errata slip. *Copy*: MO.

Ed. 2: Sep 1832 (p. [iii]: Sep 1832), frontisp., p. [i, iii], [1]-80, 12 unnumb. pages glossary, *pl. 1-37* (id.). *Copy*: G.

Banning, Florens (1835-1882), German (Westfalen, Münster) botanist and highschool teacher at Minden (Westfalen). (*Banning*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 511 (b. 18 Jan 1835, Lengerich i. W., d. 19 Feb 1882, Minden); Barnhart 1: 118; Jackson p. 307; Morren ed. 10, p. 15; Rehder 2: 301.

20.162. *Die Brombeeren der Gegend von Minden ...* Minden (Gedruckt bei J.C.C. Bruns) 1874. Qu. (*Brombeeren Minden*).

Publ.: Apr 1874 (*Bot. Zeit.* 15 Mai 1874), p. [1]-15. *Copy*: B. – Published in Jahresber. Evang. Gymnasium a.d. Realschule I. Ordnung zu Minden 1874. – The author promised a second “Haupttheil” in “einem späteren Jahre”. We did not trace this continuation (if it came out).

Ref.: Areschoug, F.W.C., *Bot. Not.* 1874: 84 (rev.).

G.K., *Bot. Zeit.* 32: 320. 15 Mai 1874.

* **Baranetzky, Joseph** [Osip, Iosif] **Wasiljewitsch** (1843-1905), Russian lichenologist and plant physiologist, educated at the Gymnasium of Belostock, studied at the University of Moscow c. 1860, at the University of St. Petersburg 1861-1866, curator Botanical Cabinet Univ. St. Petersburg 1867-1869, studied in Germany with De Bary and Sachs 1870-1872, Dr. phil. 1873, professor of botany at the University of Kiew from 1873. (*Baranetzky*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 118 (d. 6/19 Apr 1905, Kiew); BM 1: 96; CSP 7: 84, 9: 117, 12: 47, 13: 285; Frank 3(Anh.): 7; GR p. 557; Jackson p. 76, 85, 91; Lipschitz 1: 113-115; LS 1683-1689, 8275, 30.842-30843; Moebius see index; Morren, ed. 2: p. 29, ed. 10, p. 98; Rehder 5(index): 49; TL-2/1: 118; TR 48.

BIOFILE: Anon., Bot. Zeit. 31: 336. 1873 (apptd. Kiew); Nat. Nov. 27: 507. 1905 (d.).
 Borodin, J., Bull. Acad. Sci. St. Petersburg ser. 5. 12: xxxv: 1960.
 Bourdeille de Montrésor, W. de, Bull. Soc. Imp. Natur. Moscou ser. 2. 6: 329. 1893, ser. 2.
 7: 492. 1894, ser. 2. 14: 486. 1900.
 Costantin, J.N., Ann. Sci. nat. Bot. ser. 10. 16: lxxv. 1934 (portr.).
 Pantellenskij, M., Acta Horti Bot. Univ. Jurjev 8: 49-51. 1908 (portr.), (see also 6: 59. 1906).

20.163. *Beitrag zur Kenntnis des selbständigen Lebens der Flechtengonidien ... Mélanges biologiques ...* St. Pétersbourg 1868. Oct.

Publ.: 10 Dec 1868 (in journal [Mélanges], read 28 Nov 1867), p. [418]-431. *Copy*: G. – Published in Bull. Acad. Sci. St. Pétersb. 12: 418-431. 1868.

Other issue: 1869 (mss. closed St. Petersburg Feb 1868, sic), p. [1]-18, *pl. 1* (not in orig. publ.). *Copies*: B-S, G, L, NY. – Reprinted and to be cited from Jahrb. wiss. Bot., ed. Pringsheim, 7: 473-492. 1869. For further details see TR 48.

Ref.: J. Hermann, Hedwigia 7(3): 40-41. Mar 1868.

Costantin, J.N., Ann. Sci. nat., Bot. ser. 10. 16: lxxv. 1934.

Barber, Charles Alfred (1860-1933), South Africa born British sugarcane specialist; in South Africa 1860-1870, educated at New King's Wood School, Bath; B.Sc. London Univ.; studied in Germany with e.g. Strasburger and Schimper; at Christ's College, Cambridge 1864, sometime demonstrator ib.; superintendent of Agriculture, Leeward Isl. (B.W.I.) working on sugarcane 1891-1895, returned to England 1895; at Royal Engineering College, Cooper's Hill 1895-1898, to India 1898 as Director of the Botanical Survey of Southern India, Dr. Sci. Cambridge Univ., from 1908 at the Agricultural College at Coimbatore in charge of botany, entomology, and mycology; first sugarcane Expert at Coimbatore 1912-1918; in retirement in England, from 1919 lecturer in tropical agriculture at Cambridge. (*C.A. Barber*).

HERBARIUM and TYPES: MH, further material at B, CAL and K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 119 (b. 10 Nov 1860, d. 24 Feb 1933); BJI 1: 3; Desmond p. 36 (b. 10 Nov 1860, Wynberg, S. Afr., d. 23 Feb 1933, Cambridge); IH 1 (ed. 7): 66, 2: 54 (incomplete); Kew 1: 156-157; LS 1694-1702, 30.845 (also 3: 2); LS suppl. 1709; Rehder 5(index): 49; Tucker 1: 57; Urban-Berl. p. 327.

BIOFILE: Anon., Nat. Nov. 20: 564. 1898 (apptd. India ("Staatsbotaniker in Madras") replacing M.A. Lawson); Kew Bull. 1898: 277 (appt. Director bot. Surv. S. India), 1913: 48 (sugarcane expert at Coimbatore), 1933: 157-158 (obit., d. 23 Feb 1933); The Times 24 Feb 1933.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.56. 1980.

Chitra, V., Bull. Bot. Surv. India 23(1-4): 10-14. 1981, publ. 1983 (on his botanical work in India, lists publ.).

Sampson, H.C., J. Bot. 71: 102-103. 1933 (obit.).

Urban, I., Symb. ant. 3(1): 18. 1902.

Venkataraman, T.S., Life sketch of Dr. Charles Alfred Barber, Dr. Barbers contributions in Anon., The Madras State Herbarium Cent. Souv. 20 Aug 1954, p. 25-28 (portr., b. 10 Nov 1860, in S. Afr., d. 23 Feb 1933) [text used for our heading].

COMPOSITE WORKS: (1) Editor *Agricultural journal of the Leeward Isles* nos. 1-3, and suppl. 1894-1895.

20.164. *Notes on the experimental sugarcane station at Samalkot*, Godavari District ... Madras (Printed by the Superintendent, Government Press). Oct.

Publ.: 1904 (rd. at L 30 Mai 1904), cover-t.p., p. [269]-272. *Copy*: L. – Reprinted and to be cited from Dept. Land Records Agr., Madras, vol. 2. Bull. 48: 269-272. 1904.

20.165. *Diseases of Andropogon Sorghum* in the Madras presidency ... Madras (Printed by the Superintendent, Government Press) 1904. Oct.

Publ.: 1904 (rd. at L 30 Mai 1904), cover-t.p., p. [273]-288. *Copy*: L. – Reprinted and to be cited from Dept. Land Records Agr., Madras, vol. 2, Bull. 49: 273-288. 1904.

20.166. *Studies in root-parasitism.* The haustorium of *Santalum album*. I. Early stages, up to penetration ... Calcutta (printed by Thacker, Spink & Co.) 1906. Oct.

1: Jan 1906, cover-t.p., p. [i], [1]-30, *pl.* 1-7. Issued as Mem. Dept. Agr. India, Bot. 1(1).

2: Aug 1907 (in journal), cover-t.p., p. [i-v], [1]-56, *pl.* 1-16. *Idem* 2(1).

3: Dec 1907 (in journal), p. [i-ii], [1]-47, *pl.* 1-12. *Idem* 2(4).

4: Oct 1908 (in journal), p. [i-ii], [1]-36, [37], *pl.* 1-11. *Idem* 2(5).

Copies: BR, G, U.

Ref.: Müller, Bot. Zeit. 65(Abt. 2): 293-294. 16 Sep 1906 (rev. part 1), 66(Abt. 2): 231-232. 1 Jul 1908 (id. 2).

20.167. *The varieties of cultivated pepper* ... Madras (printed by the Superintendent, Government Press) 1906. Oct.

Publ.: 1906, cover-t.p., p. [123]-133, *pl.* 1-3. *Copy*: B. – Reprinted and to be cited from Dept. Land Records Agr. Madras vol. 3, Bull. 56: 123-133, *pl.* 1-3. 1906.

20.168. *Studies in Indian sugarcane*s ... Calcutta (Thacker, Spink & Co.), London (W. Tacker & Co.) 1915-1919. Oct. (*Stud. Indian sugarcane*s).

1: Mai 1915 (date on p. [i]), p. [i-iii], [1]-106, 106a-f, *pl.* 1-19. – Issued as Mem. Dept. Agr. India, Bot. 7(1).

2: Jul 1916 (date on p. [i]), p. [i-ii], [103]-199, *pl.* 1-29. – *Id.* 8(3).

3: Mai 1918 (date on p. [i]), p. [i-iii], [133]-218, , tables 1-4, *pl.* 1-7. – *Id.* 9(4).

4: Jun 1919 (date on p. [i]), p. [i]-vi, [39]-153, *pl.* 1-37. – *Id.* 10(2).

5: Aug 1919 (date on p. [i]), p. [i-vii], [155]-179, *pl.* 1-8. – *Id.* 10(3).

Copies: BR, U.

Barber, Emil (1857-1917), German (Ober-Lausitz) botanist, grew up in Arnsdorf (O.L.), at the teacher's college at Reichenbach (O.L.) 1874-1877, teacher at Hoyerswerda 1877-1878, Freiwaldau 1878-1880, from 1880-1917 id. at Görlitz, from 1884-1914 also director of the Görlitz Botanical Garden. (*E. Barber*).

HERBARIUM and TYPES: GLM; further material at B (*Rubus*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 119; BFM 485; Futak-Domin p. 90; IH 2: 54; Kew 1: 157; Rehder 1: 389; Urban-Berl. p. 327.

BIOFILE: Anon., Hedwigia 60 (Beibl. 1): (92). 1918 (d. 26 Apr 1917).

Dunger, W. and G. Vater, Sächs. Heimatbl. Dresden 26: 252. 1980 (herb. in GLM).

Glott, E., Abh. Ber. Naturkundemus. Görlitz 37(1): 30. 1961.

Hartmann, Alfr., Abh. naturf. Ges. Görlitz 28: 353-368. 1917 (major biogr., reprints with portr.), also (n.v.) in Oberlaus. Heimatbl., Beil. Görlitzer Nachr. u. Anz. 4(7). 1921 (b. 14 Jan 1857, Thiemendorf, O.L., d. 26 Apr 1917, Görlitz).

Pax, F., Jahresber. Schles. Ges. 95(1), Nekrol. p. 1-2. 1918; Bibl. Schles. Bot. (Schles. bibl. vol. 4) 51, 55, 94, 142. 1929 (bibl.).

20.169. *Nachtrag zur Flora der Ober-Lausitz* [Abh. Naturf. Ges. Görlitz ... 1884]. Oct.

Publ.: 1884, p. [155]-181. *Copy*: B. – Unidentified reprint from Abh. Naturf. Ges. Görlitz 18: 154-182. 1884 [sic]. This is a *Nachtrag* to Emil Fiek and R.F.G. von Uechtritz, Fl. Schlesien 1881, TL-2/1770. These authors included the Ober-Lausitz in their Fl. Schlesien.

Idem: 1887, p. [1]-37, [i]. *Copy*: B. – Reprinted and to be cited from Abh. Naturf. Ges. Görlitz 19: 97-136. 1887.

Note: Also meant to be an addition to F.W. Kölbing (x-1840), *Fl. Oberlausitz* 1828, TL-2/3813, G.A. Fechner, *Fl. Oberlausitz* 1849, TL-2/1747 and R. Peck, *Beitr. Fl. Oberlausitz*, *Abh. Naturf. Ges. Görlitz* 6: 31-35. 1851, 9: 186-195. 1859, 9: 196-202. 1859. Further notes on this subject are given in *Abh. Naturf. Ges. Görlitz* 3, 6, 7, 9, and 15 by various authors.

20.170. *Die Flora der Görlitzer Heide ...* Sonder-Abdruck aus ... *Abhandlungen der Naturforschenden Gesellschaft zu Görlitz ...* [1893]. Oct.

Publ.: 1893 (in journal; *Nat. Nov. Sep* (1) 1893), p. [1]-90. *Copy:* B. – Reprinted and to be cited from *Abh. Naturf. Ges. Görlitz* 20: 57-146. 1893.

20.171. *Beiträge zur Flora des Elstergebietes in der Preussischen Oberlausitz ...* Sonder-Abdruck aus ... *Abhandlungen der Naturforschenden Gesellschaft zu Görlitz ...* [1893]. Oct.

Publ.: 1893 (in journal), p. [1]-20. *Copy:* B. – Reprinted and to be cited from *Abh. Naturf. Ges. Görlitz* 20: 147-166. 1893.

20.172. *Flora der Oberlausitz preussischen und sächsischen Anteils einschliesslich des nördlichen Böhmens. Auf Grund eigener Beobachtungen unter Berücksichtigung älterer floristischer Arbeiten zusammengestellt ... I. Teil. Die Gefässkryptogamen ...* [Separatabdruck aus den *Abhandlungen der Naturforschenden Gesellschaft zu Görlitz ...* 1898]. Oct.

1: 24-31 Dec 1897 (fide p. 94 of Teil III; appeared "Weihnachten 1897"), frontisp. portr., p. [1]-51. – Reprinted and to be cited from *Abh. Naturf. Ges. Görlitz* 22: 337-387. 1898 (reprint and/or journal issue actually publ. 24-31 Dec 1897).

2: 1901 (*Nat. Nov. Oct* (1) 1901), p. [i], [1]-169. – Id. 23: 1-169. 1901. II. Teil. Die Gymnospermen und Monocotyledonen.

3(1): 1927, p. [93]-126. – Id. 30(1): 93-126. 1927. – III. Teil. Abteilung Ia. Salicales – Centrospermae. – *Author:* Alfred Hartmann.

3(2): 1911 (fide Alfred Hartmann (1917), p. 362), p. [1]-181. – Id. 27: 239-412. 1911. III. Teil. Abteilung II. Reihe: Rosales.

3(3): 1917, p. [1, blank], [3]-77. – Id. 28: 371-445. 1917. – III. Teil. Abteilung III. Familie Leguminosae – Halorrhagidaceae.

4: 1937 (preface Jul 1936), p. 7-88. – Id. 33(1): 7-88. 1937. – IV. Teil. Die Dicotyledonen. Chenopodiaceae. Droseraceae. – *Authors:* Max Militzer, with Alfred Hartmann and Otfried Nerlich.

5: 1940 (p. 2, preface Apr 1940), p. [1]-53. – Id. 33(2): 15-67. 1940. – V. Teil. Die Dicotyledonen. Araliaceae – Hydrophyllaceae. – *Author:* Max Militzer.

6: 1942 (preface Nov 1941), p. [1]-48. – Id. 33(3): 23-70. 1942. – VI. Teil (7. Fortsetzung) Die Dicotyledonen, Boraginaceae – Solanaceae. – *Author:* Max Militzer.

Copy: B.

20.173. *Floristische Skizze der Oberlausitz ...* [*Abh. Naturf. Ges. Görlitz ...* 1906]. Oct.

Publ.: 1 Aug 1906 (in journal), p. [19]-27. *Copy:* B. – Reprinted and to be cited from *Abh. Naturf. Ges. Görlitz* 25(1): 19-27. 1906.

Barber, Kate Grace (1882-?), American (Rhode Island) botanist, B.S. Rhode Island State College 1903, Dr. phil. Yale University 1909, married Andrew Lincoln Winton 16 Dec 1911. (*K.G. Barber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 119 (b. 9 Oct 1882, Charleston, Rhode Island).

20.174. *Comparative histology of fruits and seeds of certain species of Cucurbitaceae ...* [Chicago] (printed at the University of Chicago Press) 1909. Oct.

Publ.: Apr 1909 (in journal), cover-t.p., p. [i, t.p.], [263]-310. *Copy*: L. – Reprinted and to be cited from *Bot. Gaz.* 47: 263-310. 1909.

Barbeau-Dubourg, Jacques (1709-1779), French botanist and physician at Paris. (*Barbeau*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 119 (b. 25 Feb 1709, Mayenne, d. 13 Dec 1779, Paris); BM 1: 96; PR 409, ed. 1: 468-470; Rehder 1: 405, 3: 217, 5(index): xxi; Tucker 1: 765.

BIOFILE: Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 368. 1877.

Haller, A. von, *Bibl. bot.* 2: 577. 1772.

20.175. *Le botaniste françois*, comprenant toutes les plantes communes & usuelles, disposées suivant une nouvelle méthode, & décrites en langue vulgaire ... à Paris (Chez Lacombe, ...) 1767. 2 vols. Duod. (*Botaniste franç.*).

1: 1767, p. [i]-vi [err. numbered vii], vii-xx, [1]-244, [1]-182, [183-184], 2 maps.

2: 1767, p. [i, iii], [1]-508, [509-522].

Copies: G, HH, MO, NY. – Continued as *Usage des plantes*. Paris 1767, n.v., fide PR ed. 1, no. 469 [not in PR ed. 2], as well as a *Manuel de botanique*, Paris, 1768, Duod. (n.v.).

* **Barbey, William** (1842-1914), Swiss philanthropist and botanist, attended secondary schools in Genève, studied at the École centrale des Arts et Manufactures in Paris 1862, joined the family firm Barbey, Richard et Cie (New York), travelling to and from New York, made a first trip to Buenos Aires 1868, married Caroline Boissier, daughter of Edmond Boissier 1896, from then on devoting himself to botany, travelled to the Balearic Islands and Valencia in 1880 with Boissier, Burnat and Leresche, the first of many botanical trips in the Mediterranean area, set up the Herbarium Boissier as a research institute after the death of Boissier in 1885, located in Chambésy, promoting exploration and publication of systematic research in addition to his many non-botanical philanthropic enterprises as a deeply motivated protestant (Église évangélique libre). (*Barbey*).

HERBARIUM and TYPES: G (based on his acquisition of the herbarium of G.F. Reuter, developing the Herbarium Boissier collections through the acquisition of the Müller Arg., Duby, Fockel, Bornet and Stephani collections. After Barbey's death the collections of the Herbarium Boissier were transferred to the University of Genève, later transferred to the Conservatoire botanique, Chambésy, Genève. Barbey duplicates of his own collections are at B, BM, HH, K, LE, LY, M, P. – See IH 2: 54.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 126, 6(1): 533-534; Barnhart 1: 119 (b. 14 Jul 1842, d. 18 Nov 1914); BL 1: 41, 2: 386; BM 1: 96, 291, 6: 57; Bossert p. 23; CSP 12: 48, 13: 289; De Toni 1: ix; Ewan ed. 1: 92, 135; GR p. 637; Hortus 3: 1188; IH 2: 54, 83, 191; Kew 1: 157; LS 1704, 4471, 8965-8967, 25.714a; Morren ed. 10, p. 111; NI 75; Nordstedt p. 7; Rehder 1: 429, 479, 489; Saccardo 1: 22, cron. p. xv; TL-1: 14-15; TL-2/1: 118-119; Tucker 1: 57; Urban-Berl. p. 327; Zander ed. 10, p. 631, ed. 11, p. 717.

BIOFILE: Adamina, J., J. religieux églises indép. Suisse rom., Neuchâtel 48. 28 Nov 1914 (fide Briquet).

Anon., *Rev. Bryol.* 5(2): 32. 1878 (B. bought herb. of August Jaeger (Bryoph.); [now at NY, sic]); *Hedwigia* 36, Beibl. 3: 100. 1897 (B. sets up a "Foundation Müller-Aargau" in order to finance a "Centralstelle" for lichenology, with Müller's herb. as main asset. This herb. is now at G, see TL-2/3: 628 (August Jaeger); *Kew Bull.* 1915(2): 94-96. 1915 (based on Chodat's biogr. sketch, q.v.).

Barbey, Mme. William, [Death notice 18 Nov 1914, listing all members of the B. family s.l.; "J'ai combattu le bon combat, j'ai achevé la course, j'ai gardé la foi" II. Tim. IV.7. – Copy at G.]

- Beauverd, G., [Note 1 Dec 1914, announcing the intention of the B. family to continue the activities of the Herbarium Boissier; copy G]; Bull. Soc. bot. France 62(1-3): 3. 1915 (Mrs. Barbey-Boissier and children announce the continuation of "scientific tradition" created by Boissier and Barbey; G. Beauverd curator herb.).
- Bonnard, Alb., Journal de Genève 19 Nov 1914 (fide J. Briquet).
- Briquet, J., Bull. Soc. bot. France 62: 201-204. 1915; Verh. Schweiz. naturf. Ges. Genf 97: 63-72. 1915 (portr., obit., bibl., reprinted p. [1]-10); Bull. Soc. bot. Suisse 50a: 23-30. 1940 (biographs, sources, dedications, bibl.; personal herbarium in 1912 to Institut botanique de l'Université de Genève, b. 14 Jul 1842 at Genthod nr. Genève, d. 18 Nov 1914, Genève).
- Candolle, Aug. de, Mém. Soc. phys. hist. nat. Genève 38: 201-203. 1915.
- Cavillier, F., Boissiera 5: 14. 1941.
- Chaponnière, F., Semaine religieuse, Genève 5, suppl. 20 Feb 1915 (fide Briquet).
- Chodat, R., Bull. Soc. bot. Genève ser. 2. 6(9): 220-240. 1914 (note biogr., b. 14 Jul 1842, married Caroline Boissier 17 Sep 1869 [daughter of Edmond Boissier, hence the use of the name William Barbey-Boissier], col. portr.).
- Correvoon, H., Bull. Soc. Hort. Genève Déc. 1914 (fide Briquet).
- Duby, Veuve J.E., [manuscript list of herbarium material, mainly bryophytes and fungi sold to B., 2 p., copy at G (also FAS), see Duby, TL-2/1: 687].
- Fatio, G., La patrie suisse 4 Dec 1914 (fide Briquet).
- Lack, H.W. and O. v. Sydow, Willdenowia 13: 412. 1983 (corr. with Keck in UPS-UB).
- Miège, J. and Wuest, Saussurea 6: 132. 1975.
- Moreillon, M.M., Bull. Soc. Vaud. Sci. nat. 52(195): 235. 1919.
- Schröter, G., Neue Zürcher Zeitung 1-2 Jan 1915 (fide Briquet).
- Secretan, Eug., Gazette de Lausanne 19 Nov 1914 (fide Briquet).
- Sablet, P., l'Ami du Dimanche Mai 1915 (fide Briquet).
- Vautier, A., Le Lien, Égl. évang. libre Canton du Vaud 22(1): 1-4. 25 Jan 1915 (obit., portr., special attention to B's activities on the Église évangélique libre du canton de Vaud).

COMPOSITE WORKS: (1) Co-author with E. Burnat (q.v.): *Notes sur un voyage botanique dans les Iles Baleares ...* 1882.

- (2) Co-author with J. Ball, *Cousinia layardi* 1890, see sub J. Ball in this supplement.
- (3) *Bulletin de l'Herbier Boissier* ser. 1, 7 vols. 1893-1899, ser. 2, 8 vols. 1901-1908, *Mémoires* id. 1 vol. 1900, sponsored by W. Barbey, ser. 1 edited by E. Autran, ser. 2 and Mém. edited by G. Beauverd. — See also W. Barbey, Bull. Herb. Boissier ser. 2. 8(11): 777. 1908 (announcement discontinuation of the journal by 1 Dec 1908).
- (4) Co-author with C.J.F. Major, *Halki* 1894, TL-2/5279.
- (5) Co-author with Carlo de Stefani, *Samos*, 1891, TL-2/12.901.
- (6) Co-author with Carlo de Stefani, senior author, and C.J.F. Major, *Karpathos*, Lausanne 1895, TL-2/12.902. *Review*: E. Roth, Bot. Centralbl. 66(22/23): 324-325. 4 Jun 1896.
- (7) Co-author with C.J.F. Major, *Amoi*, étude botanique, Bull. Herb. Boissier 3: 30. 1895.
- (8) E.J. Autran and T.A. Durand, *Hortus boissierianus* 1896, TL-2/210, sponsored by Barbey.
- (9) Co-author with C.J.F. Major, *Sertum cerigense*, Bull. Herb. Boissier 5: 398-400 (1-3). Mai 1897.
- (10) Co-author with C.J.F. Major, *Ikaria*, Bull. Herb. Boissier 5: 279-284 (1-6). Apr 1897.
- (11) *Index botanique universel des genres, espèces et variétés de plantes parus depuis le 1er janvier 1901*, nos. 1-17199, supplement to Bull. Herb. Boissier, sponsored by Barbey, edited by G. Beauverd q.v., listed in TL-2/1: 119 under Barbey.
- (12) Barbey sponsored also the early volumes of the Bull. Soc. bot. Genève which replaced the Bull. Herb. Boissier after its demise in 1908.
- (13) Collaborator for T.A. Durand and J.F.G. Barratte, *Florae Libycae Prodromus*, 1910.

NOTE: **Caroline Boissier** (1847-1918), daughter of Pierre Edmond Boissier, married W. Barbey 17 Sep 1869. "This marriage was the starting point of a complete new direction in his activities. Following his father-in-law, he turned to botany. In order to have a basis for

his botanical systematic studies he bought for comparison the herbarium of G.F. Reuter, longtime associate and collaborator of Boissier.” [J. Briquet, 1940, p. 24]. Caroline Boissier was born in 1847 and died 18 Jan 1918 at Chambésy.

EPONYMY: (Additions): *Barbeyastrum* Cogniaux (1891), ING 1: 178; *Barbeya* Alboff (1893) ING 1: 177; see also Bull. Herb. Boissier 2: 250. 1894.

20.176. *Champignons rapportés en 1880 d’une excursion botanique en Egypte et en Palestine* ... Paris (J.-B. Baillière et frères ...) 1881. Oct.

Publ.: Jan 1881 (in journal), p. [1]-7. *Copy*: G. – Reprinted and to be cited from *Revue mycol.* 3(1): 23-25. 1881.

20.177. *Le Linnaea borealis* (Lin.) appartient-il à la flore française? ... [Paris (Imprimerie de E. Martinet, ...) 1882]. Oct.

Publ.: early Feb 1882 (in journal, see *Taxon* 35(2): 252. 1986), p. [1]-2. *Copies*: B, G. – Reprinted and to be cited from *Bull. Soc. bot. France* 28: 272-274. 1882.

20.178. Février – Mai 1880 *Herborisations au Levant* ... Égypte, Syrie et Méditerranée ... Lausanne (Georges Bridel éditeur) 1882. Qu. (*Herboris. Levant*).

Co-author: Caroline Boissier [Mrs. W. Barbey-Boissier, see note above] (1847-1918), wrote text on the general aspects of the trip.

Publ.: Mar-Apr 1882 (*Bull. Soc. bot. France* Mai-Jun 1882, *Nat. Nov.* Jul (3) 1882, *Bot. Centralbl.* 3-7 Jul 1882, *Bot. Zeit.* 25 Aug 1882, *J. Bot.* Oct 1882), p. [1-3 (t.p.), 5 (dedic.)], [7]-183, [184-187], *pl. 1-11*, 1 map (*pl. 1* col. lith. A. Cuisin, *pl. 7* col. lith., double, Leconte Cherpin, other *pl.* uncol., *pl. 8-9* taken from Delile, *Fl. Eypete*). *Copies*: B, G, L, MO, NY; IDC 7377.

Ref.: Anon., *Bull. Soc. bot. France* 29 (*Rev. Bibl.*): 69-71. Mai-Jun 1882 (rev.).

Ascherson, P., *Bot. Zeit.* 41(7): 113-117. 16 Feb 1883 (“splendid ausgestattet” sic, “seine Gattin, die muthvoll die unvermeidlichen Strapazen der Wüstenreise nicht scheute ...”).

Schnetzler, J.B., *Bot. Centralbl.* 11(31/32): 173-174. 31 Jul-4 Aug 1882 (brief rev.).

20.179. *Pena di Aiscorri* ... Extrait du Bulletin de la Société botanique de France ... 1884. Oct.

Publ.: Jun (med.) 1884 (in journal, see *Leussink*, *Taxon* 35: 255. 1986), p. [136]-141. *Copies*: B, G. – Reprinted and to be cited from *Bull. Soc. bot. France* 31(3): 136-141. 1884.

20.180. *Additions à la flore de Carpathos & de Lycie* ... Lausanne (Imprimerie Corbaz & Comp.) 1885. Oct.

Publ.: Nov-Dec 1885 (text dated 1 Nov 1885, cover-t.p. dated 1885), cover-t.p., p. 1-6. *Copies*: B, G(2). – Reprinted and to be cited from *Bull. Soc. Vaud.* 21(93): 219-224. 1885.

20.181. *Lydie, Lycie, Carie* 1842, 1883, 1887. Études botaniques revues par William Barbey ... Lausanne (Georges Bridel & Cie., éditeur) 1890. Qu. (*Lydie, Lycie, Carie*).

Publ.: Jul-Aug 1890 (p. 6 signed 4 Dec 1889, *Nat. Nov.* Aug (2) 1890, *ÖBZ* Nov 1890, *Bot. Jahrb.* 7 Jul 1891; “vien de paraître” *Rev. bryol.* 17(5/6). ca. Nov 1890), p. [1-3(t.p.)], [5]-82, [83-84 lists], *pl. 1-5* (uncol. liths. Cuisin del. with text pages). *Copies*: B, G, MO, NY.

Note: The date 1842 in the title refers to a manuscript by E. Boissier of 1842, found by Barbey in Oct 1888: “*Journal de Voyage de 1842*”, a trip by Boissier from Smyrna into Lydie. This text is reproduced on the first 42 pages of this publication.

Premier Supplément: *Bull. Herb. Boissier* 1(2): 66. Feb 1893, with C.J.F. Major (1843-1921), TL-2/3: 260-261.

Ref.: Willkomm, M., *Bot. Centralbl., Beih.* 1(2): 140-141. 1891.

20.182. *Cypripedium Calceolus X Macranthos* ... Lausanne (Imprimerie Georges Bridel & Cie.) 1891. Qu. (*Cypripedium*).

Publ.: Jun 1891 (date on t.p.), p. [1]-7, 1 col. *pl.* (lith. Leon Gaud.). *Copies*: G(2), MO.

20.183. *Samos*. Étude géologique, paléontologique et botanique ... Lausanne (Georges Bridel & Cie, éditeurs) 1891 [i.e. 1892]. Qu. (*Samos*).

Authorship: Carlo de Stefani, *senior author*, hence treated in TL-2/12.901. *Co-authors*: C.I. Forsyth Major and W. Barbey. We treat the book again because of further information now available.

Publ.: Jan-Mai 1892 (not 1891 as cited on t.p., in the Premier Supplément to *Samos*, see below, the date is definitely given as of 1892; Bot. Centralbl. 25 Aug 1892), p. [1]-99, [101, 103], 14 pl. with text (1-13 uncol. liths., by Ch. Cuisin; pl. 14 deals with malacology by C. de Stefani). *Copies*: B, G, FI, MO, NSW, NY, PH. – New taxa by Barbey and Major, colls. by Barbey.

Premier supplément par le Dr. C.-J. Forsyth-Major [i.e. Charles Immanuel Forsyth Major (1843-1923), see TL-2/3: 260-261], p. [1]-2. *Copy*: B. – Reprinted and to be cited from Bull. Herb. Boissier 1(2): 67-68. Feb 1893.

20.184. *Saria*. Étude botanique ... [Bull. Herb. Boissier ... 1894]. Oct.

Senior author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Apr 1894 (in journal), p. [1]-6. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier 2(4): 241-246. 1894.

20.185. *Kasos*. Étude botanique ... Bulletin de l'Herbier Boissier ... 1894. Oct.

Senior author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Mai 1894 (date in journal), p. [1]-13. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier 2(5): 329-341. 1894.

20.186. *Kos*. Étude botanique ... Bulletin de l'Herbier Boissier ... 1894. Oct.

Senior author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Jun 1894 (in journal), p. [1]-13. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier 2(6): 404-416. 1894.

Cryptogames de Kos: Mai 1895, published by C.J. Forsyth Major and William Barbey, Bull. Herb. Boissier 3(5): 242-243 [also: 1-2]. 1895, authors J. Cardot (Musci) and F. Stephani (Hepaticae).

20.187. *Syra*. Matériaux pour la flore de Syra ... Bulletin de l'Herbier Boissier ... 1895. Oct.

Senior author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Feb 1895 (in journal), p. [1]-2. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier 3(2): 87-88. 1895.

20.188. *Telandos*. Étude botanique ... Bulletin Herbier Boissier ... 1895. Oct.

Senior author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Mar 1895 (in journal), p. [1]-3. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier 3(3): 174-176, [also [1]-3]. 1895.

20.189. *Kalymnos*. Étude botanique ... [Bulletin de l'Herbier Boissier ... 1896]. Oct. (*Kalymnos*).

Co-author: Charles Immanuel Forsyth Major (1843-1923), TL-2/3: 260-261.

Publ.: Jan 1896, p. [1]-20. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boissier 4(1): 20-39. 1896.

20.190. *Cassia beareana* Holmes ... Extrait du Bulletin de l'Herbier Boissier ... 1906. Oct. (*Cassia beareana*).

Publ.: 4 Jan 1906 (not 31 Dec 1906 [sic] as on p. 4), p. [1]-4. *Copies*: G, U. – Reprinted or preprinted from Bull. Herb. Boissier ser. 2. 6(1): 78-81. 1906.

20.191. *Sertum plantarum junodiarum* ... Extrait du Bulletin de l'Herbier Boissier ... 1906. Oct.

Publ.: 30 Sep 1906 (in journal), p. [1]-4. *Copy*: L. – Reprinted or preprinted from Bull. Herb. Boissier ser. 2. 6(10): 797-800. 1906.

20.192. *Plantae constantinopolitanae* ... Genève (Imprimerie Froreisen, ...) 1909. Oct. (*Plant. Constantinop.*).

Publ.: 30 Jan 1909 (date on p. [1]), p. [1-3]. *Copy*: L.

Barbier, Maurice (1866-1955), French mycologist, born at Lux (Côte-d'Or), educated at the Collège de Cluny and at the Lycée de Dijon, studied at the Faculté des Sciences of Dijon, Lic. ès Sciences ib., from 1898 member of the Société mycologique de France. (*Barbier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 1706-1713, 30.850-30.856; LS suppl. 1713-1725.

BIOFILE: Bourgeois, G., Bull. Trim. Soc. mycol. France 71: 338-342. 1955 (obit., bibl.).

20.193. Liste d'*Hyménomycètes des environs de Dijon* ... [Bulletin de la Société mycologique de France ... 1901-1903]. Oct.

1: 1901, in Bull. Soc. mycol. France 17: [37]-54. 1901.

2: 1902, id. 18: [75]-100. 1902.

3: 1903, id. 19: 273-290. 1903. ("Liste annotée d'Hyménomycètes ...").

20.194. *Description synthétique des Russules de France* ... Dijon (Imprimerie A. Carteret, ...) 1908. Oct.

Publ.: 1908, p. [1, cover-t.p.]-45. *Copy*: L. – Reprinted from Bull. Soc. Mycol. Côte-d'Or 3. Année (1909). n.v.

Barbieri, Paolo (1789-1875), Italian botanist, curator of the botanical garden of Mantua, later id. in Pavia, professor of botany and agriculture at the Lyceum in Mantua. (*Barbieri*).

HERBARIUM and TYPES: FI, PAV.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 120 (b. 3 Nov 1789, Mantua, d. 17 Apr 1875, ib.); BL 2: 367; CSP 1: 178, 6: 577; DTS 1: 353; IH 2: 54; Kew 1: 158; LS 1714; LS suppl. 1727; PR 410, ed. 1: 473; Rehder 1: 98; Saccardo 1: 220 (detailed info. from Gazzetta di Mantova 13(90), 19 Apr 1875), 2: 15, cron p. xv.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 368. 1877.

20.195. *Osservazione microscopiche memoria fisiologico-botanica mantovano* ... Mantova (Dalla Tipografia Virgiliana ...) 1828. Oct. (*Osserv. microscop.*).

Publ.: 1828 (p. 24: 8 Jan 1828), p. [1]-24, 1 uncol. pl. *Copy*: B-S.

Note: PR notes: "continuazione nel 'Poligrafo'" 7: 33-64. 1836 (n.v.).

* **Barbosa Rodrigues, João** (1842-1909), Brazilian botanist and traveller. (*Barb. Rodr.*).

NOTE: Treated in TL-2/1: 119-120 and 4: 829-832 (sub Rodrigues). The latter is an amended version of the treatment in vol. 1; the author is most frequently cited under Barbosa Rodrigues. We add here only a few additional publications. – Additional biogr. publ.: Duveen, D.I., Orchid Digest 47(3): 110-112. 1983; Herman von Ihering, *Joao Barboza [sic] Rodriguez*, San Pablo 1910, n.v., see M.S. Bertoni, Anal. Ci. Parag. ser. 1. 8: 18-19. Aug 1910; and see Brittonia 39: 73-85. 1987.

20.196. *Structure des Orchidées*. Notes d'une étude ... Rio de Janeiro (Typographie nationale) 1883. Oct. (*Struct. Orchid.*).

Publ.: 1883, cover-t.p., p. [1]-38, pl. 1-14 (uncol. liths.; with text). *Copies*: G, NY.

20.197. *L'Uiraêry* ou Curare. Extraits et complément des notes d'un naturaliste brésilien ... Bruxelles (Imprimerie Veuve Mounom ...) 1903. Oct.

Publ.: 1903, cover, p. [i-vii], [1]-180, *pl.* 1-7 (col.). *Copy*: L.

* **Barceló y Combis, Francisco** (1820-1889), Spanish zoologist and botanist; studied medicine, physics and chemistry, "catedrático" in physics and chemistry at the Instituto Balear. (Palma). (*Barceló*).

HERBARIUM and TYPES: Unknown; some material at CGE and K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 120; BL 2: 490; BM 1: 97-98; Colmeiro 1: clxiii; IH 2: 55; Jackson p. 341; Kew 1: 158; Morren ed. 2, p. 17, ed. 10, p. 52; Rehder 1: 423; TL-2/1: 120; Tucker 1: 58.

BIOFILE: Barceló y Combis, F., Fl. Baleares p. [ii]. 1881 (list of publ.).

Frodin, D.G., Guide standard floras world nos. 619, 313b. 1984.

Hansen, A. [in letter] born 1820, letter to FAS 31.1.1977.

Willkomm, M., *Linnaea* 40(1): 1. 1876 (notes on plants coll. by B.).

20.198. *Apuntes para una flora de las Islas Baleares, ó catálogo metódico de las plantas observadas en esta region, que no se hallan mencionadas en la Enumeratio plantarum quas in insulis collegit F. Cambessedes [sic] ... Madrid (por Aguado, ...) 1867. Oct. (Apuntes fl. Isl. Balear.).*

Publ.: 1867, p. [1]-50. *Copy*: G. – Reprinted or preprinted from *Revista progr. Ciencias [Madrid]* 17(5-6). 1867 (n.v.). – The reference to Cambessèdes is to his *Enum. pl. Balear.*, TL-2/950.

Bárcena, Mariano [de la] (1842-1899), Mexican botanist, plant collector, studied at the escuela especial de ingenieros de México, later professor of paleontologica y geologia Museo Nacional, México, and Director of the Observatorio meteorológico central, México. (*Bárcena*).

HERBARIUM and TYPES: MEXU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 120 (b. 22 Jun 1842, Ameca, Jalisco, México; d. 10 Apr 1899, México City); BM 1: 98; IH 2: 55; Jackson p. 368 (3 nos.); Kew 1: 158; Morren ed. 10, p. 137; Quenstedt p. 477; Rehder 5(index): 50; Tucker 1: 58.

BIOFILE: Castañeda, A.M., La flora del Estado de Jalisco 115. 1933 (biogr. note).

Knobloch, I.W., Plant collectors of Northern Mexico 2. 1979; *Phytologia Mem.* 6: 5. 1983 (prelim. verified list pl. coll. Mexico).

Leon, N., *Bibl. bot. mexic.* 54-55. 1895 (15 titles, sic).

Rzedowsky, J., *Bol. Soc. bot. México* 40: 3-4. 1981.

Villada, M.M., *La Naturaleza* ser. 2. 3(9/10): i-iv. 1903.

20.199. *Viaje a la caverna de Cacahuamilpa* datos para la geologia y la flora de los estados de Morelos y Guerrero ... México (Imprenta del Gobierno, en palacio, ...) 1874. Oct. (in half sheets). (*Viaje Cav. Cacahuamilpa*).

Publ.: 1874, cover-t.p., p. [1, t.p.]-31. *Copies*: G, MO.

20.200. *Noticia científica de una parte del Estado de Hidalgo ... México (Imprenta de Francisco Diaz de Leon ...)* 1877. Oct. (in half sheets). (*Not. ci. Est. Hidalgo*).

Publ.: 1877, p. [1]-50. *Copy*: G. – Mentioned by *Bull. Soc. bot. France* 24(C.R.): 362. 1877 (séance du 9 Nov 1877).

Ref.: Anon., *Bull. Soc. bot. France* 24 (Rev. Bibl.): 123-124. Dec 1877 (rev.).

20.201. *Descripcion de una nueva planta mexicana* (Gaudichaudia Enrico-Martinezii) dedica al cosmógrafo Enrico Martinez ... México (Imprenta de Francisco Diaz de Leon ...) 1878. Oct. (*Descr. nueva pl. mex.*).

Publ.: 1878 (t.p.; p. 7: Nov 1877), p. [1]-7, 1 pl. (col. lith.). *Copy*: G.

Barcianu, Daniel Popovicíú (1847-?), Roumanian (Transylvanian) botanist, educated at the German Gymnasium Hermannstadt [Sibiu], dipl. 1866; at the Greek-oriental theological and paedagogical seminar ib. 1866-1869; teacher at Resinari 1869-1870; studied at the University of Vienna natural sciences and philosophy 1870, continued his studies in Bonn 1871, id., at the University of Leipzig 1872-1874, Dr. phil. Leipzig 1874. (*Barcianu*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 91; Rehder 2: 608.

BIOFILE: Barcianu, D.P., Vita ("Lebensgang" up to 1874 in his thesis, 1874, see below; b. Oct 1847 Resinari, Siebenbürgen, i.e. Transsylvania).

20.202. *Untersuchungen ueber die Bluethenentwicklung der Onagraceen*. Inaugural-Dissertation der philosophischen Facultaet der Universitaet Leipzig zur Erlangung der Doctorwuerde ... Naumburg a/S. (druck von G. Paetz) 1874. Oct. (*Unters. Blüthenentw. Onagr.*).

Publ.: Mai 1874 (vita dated 18 Mai 1874), cover-t.p., p. [i: t.p., iii, v: vita], [1]-49, pl. 1 (uncol. lith. auct.). *Copies*: B, G, MO. – See also his brief communication in S.B. Naturf. Ges.

Leipzig 1: 16-19. 1874, and a preliminary report in Bot. Zeit. 31: 791-795. 12 Dec 1873. *Ref.*: G.K., Bot. Zeit. 33(5): 48, 79. 29 Jan 1875 (rev.).

* **Barckhausen, Justus Christian Gottlieb Willibald** (1748-1783), German (Westphalia) physician and botanist, Dr. med. Göttingen 1775, practicing at Detmold from 1777. (*Barckhausen*).

HERBARIUM and TYPES: Unknown.

NOTE: See TL-2/1: 121.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 120; BM 1: 98; Dryander 3: 158; Hegi 6(2): 1171; Kew 1: 158; PR 411, ed. 1: 475; Rehder 1: 374; TL-2/1: 121; Tucker 1: 58.

BIOFILE: Runge, F., Abh. Landesmus. Naturk. Münster Westfalen 29: 27. 1967 (brief notice on his Spec. bot.: 597 higher plants mainly from the environment of Nieder-Barkhausen nr. Örlinghausen. "Die meisten der genannten Pflanzen bestimmte er sogar richtig").

Schulz-Halle, A., Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst, Bot. Sekt. 42: 152-157. 1914 (b. in Niederbarkhausen, Lippe, 1748), (see also W. Wangerin, Gesch. Bot. 1914, p. 26). Wagenitz, G., Göttinger Biologen 1737-1945. 20. 1988 (b. Niederbarkhausen, d. Detmold).

Barclay, Arthur (1852-1891), British (Scottish) botanist and physician, studied medicine at Edinburgh and Glasgow, Gold Medal for botany Glasgow 1871; M.B.C.M. (final medical exam.) Glasgow 1874; additional schooling in Würzburg; entered the Indian Medical Service 1875, later Civil Surgeon at Jessore, professor of physiology at the Medical College, Calcutta, ultimately secretary to the Surgeon-General and Sanitary Commissioner, Govt. India and surgeon-major in the Bengal Medical Service; also served in the Afghan war 1879-1880. (*Barcl.*).

HERBARIUM and TYPES: K (fungi), further material in B.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 230; Barnhart 1: 120; BB p. 19; CSP 9: 121, 13: 193; Desmond p. 37 (b. 3 Aug 1852, Edinburgh; d. 2 Aug 1891, Simla); IH 2: 55 (now at K); Kew 1: 159; LS 1716-1725; Rehder 5(index): 50; Stevenson p. 1235; Urban-Berl. p. 273.

BIOFILE: Anon., Nat. Nov. 13: 371. 1891 (d.); Bot. Jahrb. 15 (Beibl. 33): 9. 1892 (d.); Bot. Not. 1892: 47 (d.); Proc. Linn. Soc. London 1891-1892: 60-61. 1893 (obit.).
 Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.268. 1980 (mss. BM).
 Crawford, D.G., Hist. Indian Med. Service 1600-1913. 2: 145-146. 1916 (fide Desmond).
 Murray, G., J. Bot. 29: 384. Dec 1891.

MANUSCRIPTS: BM (incl. drawings).

20.203. *A descriptive list of the Uredineae occurring in the neighbourhood of Simla (Western Himalaya) ...* Calcutta (Printed by G.H. Rouse, ...) 1888-1890, 3 parts.

- 1: 1888 (read 2 Nov 1887), cover-t.p., p. [i, t.p.], 350-375, *pl. 12-15* (p.p. col. liths. auct.). – Reprinted and to be cited from J. Asiat. Soc. Bengal 56(2) (no. 3): 350-375, *pl. 12-15*. 1887 (publ. 1888).
 2: 1889 (review by Ludwig (Greiz), Bot. Centralbl. 42: 239-240. 21 Mai 1890), cover-t.p., p. [1, t.p.]-22, *pl. 12-14* (liths. auct., 12-13 col.). – Id. 58(2) (no. 2): 232-251, *pl. 12-14*. 1889.
 3: 1890 (Grevillea Dec 1890; Bot. Zeit. 28 Nov 1890; Nat. Nov. Dec (1) 1890), p. [1, t.p.]-40, *pl. 3-6* (uncol. liths. auct.). – Id. 59(2) (no. 2): 75-112, *pl. 3-6*. 1890. – Printed at the Baptist Mission Press.

Copies: B, G.

Additional Uredineae from the neighbourhood of Simla ... Calcutta (Printed at the Baptist Mission Press) 1890. Oct. (Nat. Nov. Dec (2) 1891), cover-t.p., p. [1]-22, *pl. 4-5* (uncol. liths.). Copy: G. – Reprinted and to be cited from J. Asiat. Soc. Bengal 66(2) (no. 3): 211-230, *pl. 4-5* (id.). 1891.

20.204. *On some rusts and mildews in India ...* [Journal of Botany ... 1890]. Oct.

Publ.: Sep 1890 (in journal), p. [1]-5, *pl. 298* (uncol. lith. auct.). Copy: G. – Reprinted and to be cited from J. Bot. 28: 257-261. Sep 1890.

20.205. *On the life-history of Puccinia Geranii silvatici*, Karst., var. *himalensis* ... Annals of Botany ... 1890. Oct.

Publ.: Dec 1890 (in journal), p. [27]-36, *pl. 4* (uncol. lith. auct.). Copy: G. – Reprinted and to be cited from Ann. Bot. 5(17): 27-36, *pl. 4*. 1890.

20.206. *On two autoecious caemata in Simla ...* Calcutta (Office of the Superintendent of Government Printing, India) 1891. Qu.

Publ.: Jan-Jun 1891 (Nat. Nov. Jul (1) 1891), cover-t.p., p. [1]-5, *pl. [1]* with text (uncol. lith.). Copy: B. – Reprinted and to be cited from Sci. Mem. med. Off. Army India 6: 65-69. 1891 (n.v.).

20.207. *Rhododendron Uredineae ...* Calcutta (Office of the Superintendent of Government Printing, India) 1891. Qu.

Publ.: Apr-Jun 1891 (printed 2 Apr 1891, see p. 4, Bot. Zeit. 31 Jul 1891), cover-t.p., p. [1]-4, *pl. 1-2* (with text). Copy: B. – Reprinted and to be cited from Sci. Mem. med. Off. Army India 6: 71-74. 1891 (n.v.).

Barentin, Friedrich Wilhelm (1810-1886), German (Berlin) botanist and teacher at a "Real Gymnasium" in Berlin. (*Barentin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 121 (b. 14 Oct 1810, Berlin); BM 1: 98 (d. 1886); PR 412, ed. 1: 476.

BIOFILE: Becker, K. and E. Schumacher, Bibl. Schr. Ges. naturf. Freunde Berlin 71. 1973.
 Ratzeburg, J.T.C., Forstwiss. Schriftst.-Lex. 20 (footnote). 1872.

20.208. *Die Vegetation in der Mark Brandenburg*, Abhandlungen des ordentlichen Lehrers Dr. Barentin womit zu der Dienstag den 7. April 1840, ... in dem Locale des Real-Gymnasiums (Scharm-Strasse No. 23) stattfindenden öffentlichen Prüfung der Zöglinge dieser Anstalt ehrerbietigst einladet der Director Dr. E.F. August. Berlin (Gedruckt in der Nauck-schen Buchdruckerei) 1840. Qu. (*Veg. Mark Brandenburg*).

Publ.: 7 Apr 1840 (date of public examinations), p. [i, t.p.], [1]-22 (text *Veg. Mark Brandenburg*), [23]-47 (technical details on curriculum etc.). *Copies*: GOET(NSUB), LC, MO.

Bargagli, Piero (marchese) (1844-1918), Italian entomologist and botanist, born in Siena, originally following a military career, later dedicating himself to natural history. (*Bargagli*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 121 (b. 4 Aug 1844, Siena; d. 3 Nov 1918); CSP 12: 49; DTS 1: 16, 6(4): 71; GR p. 527; Kew 1: 160; Rehder 2: 47, 3: 760, 4: 501, 511; Saccardo 1: 22.

BIOFILE: Afano, A., *Atti Soc. Colombaria* 1918-1919: 7-9. 1920.

Baccarini, P., *Bull. Soc. bot. Ital.* 1918: 68 (obit.).

Guiglia, D. et al., *Mem. Soc. Entomol. ital.* 48: 669-670, 787. 1969.

Marsili Libelli, M., *Atti Accad. geogr. Firenze ser. 5.* 6: [xxxv-xxxvii]. 1919.

Serina, A., *Bull. Soc. Entomol. Ital.* 50: 84-85. 1919 (bibl.).

Tassi, Fl., *Bull. Lab. Orto bot. Siena* 7: 56. 1905.

20.209. *La flora delle Alliche in Europa ...* Firenze (Tipografia Cenniniana ...) 1878. Oct.

Publ.: 1878, p. [1]-74, folded chart. [75, identif.]. *Copy*: B. – Reprinted and to be cited from *Bull. Soc. Entomol. Ital.* 10: 43-73, 126-153, 204-216. 1878.

Bargagli-Petrucci, Gino (1878-?), Italian botanist, acting director of the Giardino dei Semplici, Firenze 1919-1922. (*Bargagli-Petrucci*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 121 (b. 21 Jun 1878, Siena); LS suppl. 1739; Tucker 1: 58.

20.210. *Monografia della famiglia delle Stackhousiacee ...* Bulletin de l'Herbier Boissier ... 1905-1906. Oct.

Co-author (actually also senior author): Renato Pampanini (1875-1949), see TL-2/4: 38-40. 1: 30 Sep 1905, p. [1]-16. – Reprinted and to be cited from *Bull. Herb. Boissier ser. 2.* 5(10): 901-916. 1905.

2: 31 Oct 1905, p. [17]-32. – *Id. ser. 2.* 5(11): 1045-1061. 1905.

3: 30 Nov 1905, p. [33]-48. – *Id. ser. 2.* 5(12): 1145-1160. 1905.

4: 4 Jan 1906, p. [49]-54. – *Id. ser. 2.* 6(1): 39-44. 1906.

Copies: U.

20.211. *Studi sulla flora microscopica della regione boracifera Toscana ...* Nuovo Giornale botanico italiano ... 1914. Oct.

Publ.: Jul 1914 (in journal), p. [267]-278. *Copy*: G. – Reprinted and to be cited from *Nuovo Giorn. bot. ital. ser. 2.* 21(3): 267-278. 1914.

* **Barham, Henry** (1670-1726), British naturalist, master-surgeon Royal Navy, visited Spain, Madras, settled at Jamaica as surgeon-major of the British military forces, returned briefly to England, F.R.S. 1717, returned to Jamaica 1720-1726. (*Barham*).

HERBARIUM and TYPES: BM (Sloane herbarium), manuscripts also at BM. Some further material at PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 121; BB p. 20; BM 1: 99; Desmond p. 38 (d. Spanish Town, Jamaica, Mai 1926); DNB 3: 186-187; Dryander 3: 188; IH 2: 55; Jackson p. 509; Kew 1: 160; Langman p. 111; ME 3: 447; PR 413, ed. 1: 477; Rehder 3: 63, 372; SO 754*; TL-2/1: 121; Tucker 1: 58, 765.

BIOFILE: Archer, J.H.L., Monumental inscriptions Brit. W. Indies 29, 51. 1875.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 224.103. 1980.

Dandy, J.E., The Sloane herbarium 87. 1958 (colls., example handwriting facs. no. 90).

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Feurtado, W.A., Official and other Personages of Jamaica 6. 1896 (n.v.).

Lunan, J., Hort. Jamaic. 1: ii-iii. 1814.

Scott, E.J.L., Index to Sloane manuscripts 39. 1904.

Sherborn, C.D., J. Soc. Bibl. nat. Hist. 1: 142. 1938 (*Hort. amer.* dated 1794, but received by Gentlem. Mag. Oct 1795).

Sloane, H., Voyage Madeira Jamaica 2: viii-x. 1725.

Smit, P. and R.J.C.V. ter Laage (eds.), Essays in biohistory 28, 48. 1970.

Stafleu, F.A., in N.J. Jacquin, Obs. 1763, facsimile ed. 1971, p. F23.

Urban, I., Symb. ant. 1: 8. 1898, 3: 19. 1902.

NOTE: See TL-2/1: 121.

Barillet, J. (fl. 1869), French gardener, "jardinier en chef" of the city of Paris. (*Barillet*).

NOTE: We have no information on Barillet except for his *Pensées*.

20.212. *Les Pensées* histoire culture – multiplication – emploi ... Paris (J. Rothschild, éditeur ...) 1869. Fol. (*Pensées*).

Publ.: 1869, p. [i]-xii, [1]-52, 25 chromolithographs by F. Lesemann. *Copies*: MO, NY. – 200 copies printed. – The plates were previously (ca. 1860) published by Lesemann as *Viola tricolor* mittelst künstlicher Befruchtung gezogen, Wien (Hof- und Staatsdruckerei), [ca. 1860] Folio, p. [i-iv], 25 pl. see NI 1178.

Ref.: NI 76, 1178.

Barker, Henry D. (1893-?), American botanist, B.S. Clemson College 1915, M.S. University of Wisconsin 1917, Ph.D. University of Minnesota 1923. (*H.D. Barker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 122 (b. 1893, Tamasee, S.C.); BL 1: 226; LS suppl. 1752-1759; Plesch 132.

20.213. *Flore d'Haïti* clé et description des ordres – familles et genres des Spermatophytes d'Haïti avec la liste de la plupart des espèces ... Port-au-Prince, Haiti (Publié sous la direction du Service technique du Département de l'Agriculture ...) 1930. Oct. (*Fl. Haïti*).

Co-author: William S. Dardeau

Publ.: 1930 (p. iv: preface dated 31 Aug 1930), p. [i]-viii, [1]-456. *Copies*: NY, U, US. – *See also*: H.D. Barker et al., *Identification des plantes d'Haïti* par leurs noms créoles, Bull. Serv. Dept. Agr. d'Haïti no. 18, 1930, 23 p.

Barker, Thomas (1838-1907), Scottish botanist and mathematician, M.A. Aberdeen 1857, M.A. Cambridge 1862, at Trinity College, Cambridge, 1858-1865; professor of mathematics, Owen's College, Manchester 1865-1885. (*Th. Barker*).

HERBARIUM and TYPES: MANCH. – Further material at BREM, DBN, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 122 (b. 9 Sep 1838, Aberdeen, d. 20 Nov 1907, Baxton); BB p. 20; BM suppl. 1: 58; Clokie p. 126; DNB suppl. 2. 1: 96-97 (by H.L.C.); IH 2: 55; Kew 1: 160.

BIOFILE: Anon., Manchester Guardian 23 Nov 1907 (obit.); The Times 22 Nov & 7 Dec 1907. Dallmann, A.A. and M.H. Wood, Trans. Liverpool bot. Soc. 1: 59. 1909 (biogr. details). Gilbert, L., The Royal Botanic Gardens Sydney 91. 1988.

20.214. *A census catalogue of British mosses*, with list of the botanical vice counties and their boundaries, and lists of sources of records, compiled under the direction of the Moss Exchange Club ... York (Coultas and Volans, ...) 1907. Oct. (*Cens. cat. Brit. moss.*).

Authorship: Th. Barker and W. Ingham for England, D.A. Jones for Wales, R.H. Meldrum for Scotland, Rev. C.H. Waddell and Canon Leff for Ireland, E.D. Marquand for the Channel Islands.

Publ.: 1907, cover-t.p., p. [1]-63. *Copies*: B, NY.

Ref.: Gepp, A., Bot. Centralbl. 107(14): 359. 7 Apr 1908 (rev.).

Anon., Rev. bryol. 34(6): 123. 1907 (brief note).

Barkley, Fred Alexander (1908-1989), American botanist and botanical collector; B.A. University of Oklahoma 1930, M.S. 1932 ib., Ph.D. Washington University 1937; Ballyeat fellow and assistant University of Oklahoma 1931-1932, fellow Montana State University 1934-1937, id. instructor botany and curator 1937-1942, later connected with the University of Texas, National University of Mexico, Facultad de Agronomía de Medellín, Colombia 1947-1949, Fundación Miguel Lillo Univ. Nacional Tucuman 1949-1951, Hektoen Institute for Medical Research (Chicago) 1951-1952, Tropical Research Institute (New Jersey), Northeastern University Boston, collected widely in Central America, esp. Mexico. (*Barkl.*)

HERBARIUM and TYPES: TEX (orig. set Mexico 1944-1947), major sets in ND, NY, OKL, USA; further material: BM, BOG, BUA, C, COL, DBN, DPU(NY), F, HH, K, LA, LIL, MEDEL, MEXU, MO, MONTU, PH, POM, TAC, U, UC, UCA.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 33, 336; Barnhart 1: 123 (b. 4 Nov 1908); Bossert p. 25; IH 2: 27, 30, 33, 55 (main entry), 128, 133, 136, 232, 385, 493, 548, 585, 620, 627, 636, 764, 930; Kew 1: 160; Langman p. 111-112; MW p. 477; Roon p. 15; Zander ed. 10, p. 631, ed. 11, p. 717.

BIOFILE: Anon., Amer. Men Sci. 1954 (b. 4 Nov 1908, Hobart, Okla., detailed biogr. data up to 1953); Begonian 38(7): 155, (12): 280. 1971 (portr.), 41(6): 146, 163. 1974; Taxon 24: 168. 7 Mar 1975 (rev. of his *Species of Begoniaceae*, Boston 1974), 39(1): 147. 1990 (d. 24 Jun 1989 at Tecumseh, Oklahoma).

Barkley, F.A., Publications of F.A.B., 1955, mimeographed list of publications, privately publ. (copy in TL-2/files).

Blakelock, R.A. and E.R. Guest, Fl. Iraq 1: 111. 1966 (coll. Iraq BUA, K).

Huber, O. and J.J. Wurdack, Smithsonian. Contr. Bot. 56: 24. 1984 (coll. Venezuelan Amazonas; coll. Colombia 20.000 nos. (sic)).

Knobloch, I.W., Pl. coll. N. Mexico, Latin Amer. Stud. Cent., Monogr. Ser 17: 2. June 1929 (curr. vit., location colls.).

Marroquín, J.S., An. Soc. Mex. Hist. Cienc. Tecn. 5: 127-131. 1979 (on Mexican colls.).

Rickett, H.W., Index Bull. Torrey bot. Club 7. 1955 (5 papers).

Stieber, M.T. et al., Huntia 4(1): 75. 1981 (letter C.R. Ball).

20.215. *A new genus of Anacardiaceae* ... Reprinted from Annals of the Missouri Botanical Garden ... 1937. Oct.

Publ.: 20 Mar 1937 (date on cover-t.p. Feb 1937, p. 1, however: "issued Mar 20, 1937"), cover-t.p., p. [1]-10, *pl.* 1-3 (of which 1 and 3 h.t.). *Copies*: G, U. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 24: 1-10, *pl.* 1-3. 1937.

20.216. *Studies in the Anacardiaceae I.* ... *Ann. Missouri Bot. Gard.* ... 1937. Oct.

1: 30 Apr 1937 (in journal), p. 263-264, *pl.* 9. *Copy*: G. – Reprinted and to be cited from *Ann. Missouri Bot. Gard.* 24: 263-264, *pl.* 9. 1937.

2: 27 Sep 1937, in *Ann. Missouri Bot. Gard.* 24: 499-500. 1937.

3: 25 Mai 1938, in *Amer. Midland Natural.* 19(3): 598-599. 1938.

4: 8 Aug 1939, *ib.* 22(1): 209-211. 1939.

5: 30 Dec 1940, *ib.* 24(3): 680. 1940.

20.217. Washington University doctoral dissertations. *A monographic study of Rhus* and its immediate allies in North and Central America, including the West Indies. A dissertation presented to the Board of the Graduate Studies in partial fulfilment of the requirements for the degree of Doctor of Philosophy, June, 1937 ... Saint Louis (Publications of Washington University) 1937. Oct. (*Monogr. study Rhus*).

Publ.: Jun 1937 (date of presentation to Board of graduate Studies), cover-t.p., p. 265-498, *pl.* 10-26. *Copy*: U. – Preprinted from *Ann. Missouri Bot. Gard.* 24(3): 265-498, *pl.* 10-26. Sep 1937.

20.218. *Keys to the phyla of organisms* ... Missoula, Montana (Associated Student's Store) 1939. (*Key phyla org.*).

Publ.: 1939 (p. iii, preface Mai 1939), p. [i-iv], 1-39. *Copies*: B, G, MO, NY. – Uses *-ales* in ending of family names.

Ref.: Diels, L., *Bot. Jahrb.* 71(Lit.): 31. 29 Nov 1940 (rev.).

Hastings, G.T., *Torreya* 40(1): 23-26. 31 Jan 1940 (rev.).

Keck, D.D., *Madroño* 5(5): 172. 13 Jan 1940 (rev.).

Sprague, T.A., *Kew Bull.* 1939(10): 683-684. 6 Jan 1940 (critical rev.).

* **Barla, [Joseph Hieronymus (Jérôme)] Jean Baptiste** (Giambattista) (1817-1896), French (Nice, in 1817 Italian) botanist, financially independent dedicating himself to botany and various social duties, member of the board of supervisors of the Nice Natural History Museum, director from 1865. (*Barla*).

HERBARIUM and TYPES: NICE (fungi orig.), W (orch. orig.); further material at FH (69 specim. *Mycologia nicaeensis*), FI, G, MPU (*Mycologia nicaeensis*). – The *Mycologia nicaeensis exsiccatae* consisted of two volumes of herbarium specimens with additional drawings (see J.B. Barla, *Bull. Soc. bot. France* 24(C.R.): 305-306. 1877).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 391; Barnhart 1: 123; BM 1: 99; CSP 1: 181; GF p. 48; IH 2: 55; Jackson p. 147, 279, 288; Kew 1: 161-162; LS 1754-1758; LS suppl. 30.870; Morren ed. 2, p. 20, ed. 10, p. 67; NI 77-79; Plesch p. 132-133; PR 415-416; Saccardo 1: 22(bibl.), 2: 15, cron. p. xv; Sotheby 27-29; Stevenson p. 1235; TL-2/1: 121-122.

BIOFILE: Anon., *Bot. Monatschr.* 15(2): 60. 1897 (d.); *Bot. Not.* 1897: 47 (d.).

Boullu, A.E., *Bull. Soc. bot. France* 43: 541-542. 1896.

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Bridson, G.D.R. et al., *Nat. hist. mss. res. Brit. Isl.* 229.462. 1980.

Burnat, E., *Bull. Soc. bot. France* 30: cxi. 1883.

Cavillier, F., *Boissiera* 5: 14-15. 1941.

Caziot, *Le comm., Riviera scientifique, Nice* 5: 113-125. 1918 (biogr., b. 3 Mai 1817, Nice, d. 5 Nov 1896, *ib.*).

Raab, H., *Schweiz. Z. Pilzk.* 54(1): 10. 1976.

Reynier, A., *Rev. hort. Bouches-du-Rhône* 42(509): 205-206. 1896 (obit.).

Saccardo, P.A., *Sylloge fungorum* 10: xii. 1892.
 Stieber, M.T. et al., *Huntia* 4(1): 42. 1981.
 Wittrock, V.B., *Acta Horti Berg.* 3(3): 95, *pl.* 137. 1905 (portr.).

20.219. *Descriptions et figures de quatre espèces de champignons ...* [Nova Acta Leopoldina ... 1857-1858]. Qu.

Publ.: 1857-1858 (submitted 12 Oct 1857), p. [243]-254, *pl.* 16-19 (col. liths. auct.). *Copies*: G, L. – Preprinted or reprinted from *Nova Acta Leopoldina* 27: 243-254, *pl.* 16-19. 1857-1858.

20.220. *Aperçu mycologique et catalogue des champignons observés dans les environs de Nice ...* Nice (Imprimerie Canis frères, ...) 1858. Qu. (*Aperçu champ. Nice*).

Publ.: 1858, p. [1]-62, [63]. *Copies*: MO, NY.

20.221. *Flore illustrée de Nice et des Alpes-maritimes. Iconographie des Orchidées ...* Nice (Imprimerie Caisson et Mignon) 1868. Qu. (*Fl. ill. Nice, Orchid.*).

Publ.: 1868, p. [i-viii], [1]-83, [84], h.t., *pl.* 1-63 (hand-col. liths. V. Fossat). *Copies*: G, MO, NY.

Ref.: BM 1: 99, NI 78, Plesch p. 133, PR 416, Sotheby 28, 29.

20.222. *Description et figure du Xanthium spinosum* lampourde épineuse spécifique contre l'hydrophobie ... Nice (Imprimerie Caisson et Mignon) 1876. Qu. (*Xanthium spinosum*).

Publ.: 1876, cover-t.p., p. [1]-6, 1 col. *pl.* (auct.). *Copy*: G.

20.223. *Liste des champignons nouvellement observés dans le Département des Alpes maritimes ...* Bordeaux (Imprimerie Ve Cadoret ...) 1885. Oct.

Publ.: Aug 1885 (in journal), p. [1]-8. *Copy*: G. – Reprinted and to be cited from *Bull. Soc. mycol. France* 2: 189-194. 1885.

Suite: Mai 1886 (in journal), cover-t.p., p. [i], [1]-8. *Copy*: G. – Id. 3(1): 112-119. 1886.

Supplement: 1887, Id. 3(2): 138-144, 195-214. 1887.

Barnades, Miguel (x-1771), Spanish (Catalonian born) botanist, ultimately professor with the Real Jardin de Madrid. (*Barnades*).

HERBARIUM and TYPES: BC (1500), BM, C, LINN, MA.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 240; Barnhart 1: 123; Colmeiro p. 163; Colmeiro penins. p. 43; Dryander 3: 21; IH 2: 56; PR 417, ed. 1: 480; Rehder 1: 83; SO 649c.

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Baillon, H.E., *Dict. bot.* 1: 370. 1877.

Fries, Th.M., *Bref Skrifv. Linné* 1(3): 37, 39, 46. 1909, 1(5): 58. 1911, 1(6): 399, 402, 405, 414, 417. 1912, 1(7): 105-106. 1917 (with J.M. Hulth), 2(1): 152-158. 1916 (by Hulth).

Haller, A. von, *Bibl. bot.* 2: 583. 1772.

Johnson, D.E., *Huntia* 6(1): 18. 1985 (lists further copies and provides info. on *Princ. bot.*).

Muñoz Medina, D.J., *Hist. desarrolla bot. España* 10. 1969.

Savage, S., *Cat. Linn. herb.* xiii. 1945 (sample of handwriting).

20.224. *Principios de botanica, sacados de las mayores escritores, y puestos en lengua castellana ... parte primera ... en Madrid* (En la Imprenta de Antonio Perez de Soto) 1767. Qu. (*Princ. bot.*).

Publ.: 1767, p. [i-xvi], [1]-220, *pl.* 1-13 (uncol. copp. Gallicioli) with accompanying explanatory pages, indexes [i-xxix]. *Copies*: B, G, NY.

Ref.: Johnson, D.E., *Huntia* 6(1): 18. 1985 (provides refs. to reviews; mentions an edition of 1783, unlikely to have been published).

* **Barnéoud, François Marius** (1821-?), French botanist, born in Toulon, Dr. Sci. Paris 1844, later again in Toulon. (*Barnéoud*).

HERBARIUM and TYPES: Some material in FI, G and P; the reference to "MPU (4000)" in IH 2: 56 and TL-2/1 was erroneous (inf. L. Granel de Solignac, in litt. 26 Jul 1972).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 124 (b. 15 Jan 1821); BM 1: 100; CSP 1: 185; Hortus 3: 1188; IH 2: 56; Jackson p. 140; Kew 1: 163; Langman p. 112; Lasègue p. 102, 103, 296; MW p. 31; PR 418-419, ed. 1: 481; Rehder 5(index): 51; TL-2/1: 122-123, see also no. 1975 and indexes; Zander ed. 10, p. 631, ed. 11, p. 717.

BIOFILE: Anon., in W.J. Hooker, J. Bot. Kew Misc. 2: 253-254. 1850 (sale herbarium).

Candolle, Alph. de, Phytographie 394. 1880 (pl. S. France 55 fasc., 4000 species at MPU, but see above).

Jackson, B.D., Kew Bull. 1901: 6 (herb. mat. Chili [sic] 1849; B. contributed text for various families in Gay, Fl. Chil. see TL-2/1975).

20.225. Académie de Paris. – Faculté des Sciences. Mémoire de botanique. *Recherches sur le développement, la structure générale et la classification des Plantaginées et des Plumbaginées*. Mémoire de géologie de l'origine des lacs. Thèses pour le doctorat présentées et soutenues à la Faculté des Sciences de Paris, le 3 août 1844, ... Paris (Imprimerie Schneider et Langrand, ...) 1844. Qu.

Publ.: 3 Aug 1844 (date of defense thesis), p. [1]-44, pl. [1-2] (col. liths. Barnéoud et Vinson).

Copies: B, G, MO, NY. – Botany on p. 5-32, geology on p. 33-44.

Note: For his *Monogr. Plantag.* see TL-2/311. – Copies: G, NY. – Further reviews by D.F.L. von Schlechtendal, Flora 30(1): 170-174. 21 Mar 1847.

Ref.: Anon., ("s"), Bot. Zeit. 3: 855-857. 19 Dec 1845 (rev.).

20.226. *Sur le développement de l'ovule et de l'embryon dans le Schizopetalon Walkeri ...* [Paris (Impr. de Bourgogne et Martinet)] 1846. Oct.

Publ.: Feb 1846 (in journal), p. [77]-83, 1 pl. (uncol. lith. auct.). Copy: G. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 3. 5: 77-83, pl. 3. 1846.

Barnes, Bertie Frank (1888-1965), British mycologist, demonstrator, later lecturer in botany, Birkbeck College 1922-1933; PH.D. 1928, head Department of Biology, Chelsea Polytechnic 1934-1952. (*B.F. Barnes*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 275, 327; Barnhart 1: 124; Desmond p. 40 (b. 19 Jul 1888, d. 19 Mar 1965); LS 1006; LS suppl. 1764-1765.

BIOFILE: Bisby, G.R., Trans. Brit. Mycol. Soc. 50-yr index 1896-1946: 8. 1952 (lists publications).

Ramsbottom, J., Trans. Brit. mycol. Soc. 30: 10, 13, 14. 1948 (editor 1931, president 1934).

20.227. *The structure & development of the fungi ...* Cambridge (At the University Press) 1927. Oct. (*Struct. develop. fungi*).

Senior author: Helen Charlotte Isabella Gwynne-Vaughan (née Fraser) 1869-1967, see Desmond p. 277.

Publ.: 1927 (p. [ix] preface signed Dec 1926), p. [i]-xvi, [1]-384. Copies: G, NY.

Other edition: 1930, frontisp., p. [i]-xvi, [1]-384. – New York (The Macmillan Company), Cambridge, England (at the University Press).

Ed. 2: 1937 (pref. on p. [x]: Jun 1937), frontisp., p. [i]-xvi, [1]-449. Copies: B-S, U. – Cambridge (at the University Press). 1937. Oct.

* **Barnes, Charles Reid** (1858-1910), American bryologist and plant physiologist, studied at Hanover College (Indiana), graduated A.B. 1877, studied at Harvard University, taught in public schools; professor of botany at Purdue University 1882-1887; id. University of Wisconsin 1887-1898, professor of plant physiology University of Chicago 1898-1910, from 1883 co-editor of the *Botanical Gazette*. (*Barnes*).

HERBARIUM and TYPES: F, further material at B, K, ND, NY, PC, PH, PUR, US, W, WELC, WIS, Y.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 124; BL 1: 176; BM 1: 100, 6: 58; Bossert p. 25; CSP 12: 50, 13: 308; IH 2: 56; Kew 1: 163; Lenley p. 19; LS 1762; Morren ed. 10, p. 120; NAF ser. 2. 3: 31; NW 40 (mss.); Rehder 1: 92, 148, 166, 314, 2: 787; TL-2/1: 123, see J. Röhl; Tucker 1: 58-59; Urban-Berl. p. 327.

BIOFILE: Anon., Nat. Nov. 20: 241. 1898 (app. Univ. Chicago); ÖBZ 60: 167. 1910 (d.); Bot. Not. 1910: 157 (d.); Rev. bryol. 37(4): 92. 1910 (obit. not.); Torreya 10(3): 76. 31 Mar 1910 (obit. not.); Bot. Gaz. 49(5): 321-324. 1910 (biogr., portr., b. 7 Sep 1858, Madison, Indiana; d. Chicago 24 Feb 1910, from an accidental fall).

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Deam, C.C., Fl. Indiana 1115. 1940 (Indiana collections refs.).

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Sayre, G., Mem. New York Bot. Gard. 19(3): 287. 1975 (on coll.).

Steere, W.C., Bot. Rev. 43(3): 289. 1977 (refs.).

Stieber, M.T. and A.L. Karg, Huntia 5(3): 159. 1984 (mss.).

Zander, R.H., Bryologist 80: 560. 1977 (portr.).

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(2) With J.M. Coulter and M.C. Cowles, *A text book of botany for colleges and universities* ... American Book Co. 1910.

(3) With J.C. Arthur and J.M. Coulter, *Handbook of plant dissection*, New York (Henry Holt & Company) 1886, – See J.C. Arthur in this supplement.

20.228. *Catalogue of the phaenogamous and vascular cryptogamous plants of Indiana* ... Crawfordsville, Ind. (Review Steam book and job printers) 1881. Oct. (*Cat. pl. Indiana*).

Authorship: "By Editors of the *Botanical Gazette* ... and ... Charles R. Barnes"

Publ.: 1881 (rev. Bull. Torrey bot. Club Nov 1881), p. [i*], [i]-iii, chart, [1]-38. *Copies*: G, MO. – Issued as a supplement to *Botanical Gazette*.

Ref.: Anon., Bull. Torrey bot. Club 8(4): 131-132. Nov 1881.

N.L., Bot. Zeit. 40: 62. 27 Jan 1882.

20.229. *Analytic key to the genera of mosses*, recognized in Lesquereux and James's *Manual of the mosses of North America* ... [Purdue University. School of Science. Bulletin no. 1, Lafayette, Ind. 1886]. Oct. (*Anal. key gen. moss.*).

Publ.: 10 Jul 1886 (date of issue on p. [1]), p. [1]-12. *Copies*: B, MO. – Issued as Purdue Univ. Sci. Bull. 1: 1-12. 1886. – For Lesquereux and James see TL-2/4421.

20.230. *Artificial keys to the genera and species of mosses recognized in Lesquereux and James's Manual of the mosses of North America ...* [Madison, Wisconsin (Democrat Printing Company, ...)] 1890. Oct.

Publ.: 20 Mai 1890 (date on cover-t.p., p. 13 signed 8 Feb 1890; Rev. bryol. Mai 1890), cover-t.p., p. [11]-81, 163-166 (add. corr.). *Copies*: B, L, MO, NY; IDC 8545. – Reprinted and to be cited from Trans. Wisconsin Acad. Sci. 8: 11-81, 163-166. 1890.

Ref.: A.G., J. Bot. 29: 380-381. Dec 1890 (rev.).

20.231. *Analytical keys to the genera and species of North American Mosses ...* Madison, Wisc. (Published by the University). 1897. Oct. (*Anal. keys N. Amer. mosses*).

Publ.: Jan 1897 (date on cover-t.p.; the regular title on p. [i] has Dec 1896, on p. x the author signed 15 Dec 1896. – The date of publication should therefore be taken as Jan 1897 contrary to our treatment in TL-2/1: 123, no. 312. *Copies*: B, FI, G, L, MO, NY, US. For further details see TL-2/312.

Ref.: A.G., J. Bot. 35: 155-156. Apr 1897 (rev.).

Schorler, Bot. Zeit. 55(9): 140. 1 Mai 1897 (rev.).

Rickett, H.W., North American Flora ser. 2. 3: 31. 1963.

20.232. *Outlines of plant life with special reference to form and function ...* New York (Henry Holt and Company) 1900. Oct. (*Outlines pl. life*).

Publ.: 1900 (preface: 15 Jan 1900), p. [i]-vi, [1]-308. *Copies*: MO, NY.

20.233. *Bryological papers I. The origin of air chambers ...* [Chicago] (Printed at the University of Chicago Press). 1907. Oct.

Co-author: William Jesse Goad Land (1865-1942).

1: Sep 1907 (date on cover-t.p.), cover-t.p., p. 197-213. *Copies*: Gr-V, MO. – Reprinted and to be cited from Bot. Gaz. 44: 197-213. 1907.

2: Dec 1908 (id.), cover-t.p., p. 401-409. *Copy*: Gr-V. – Id. 46: 401-409. 1908.

Ref.: Solms-Laubach, H.F.C.L.F. zu, Bot. Zeit. 66(2): 363-364. 1 Dec 1908 (rev.).

Barnes, Edward (c. 1892-1941), British Indian chemist, professor of chemistry, Madras Christian College, in addition interest in botany, collected in South India. (*E. Barnes*).

HERBARIUM and TYPES: K; further material at HH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 124 (d. 31 Mai 1941); Desmond p. 40; IH 2: 56; Kew 1: 163.

BIOFILE: Anon., Nature 148: 221-222. 1941.

Fischer, C.E.C., Kew Bull. 1941: 240-241 (brief obit., no biogr. details, died on 31 Mai 1941 at the age of 49).

20.234. *Supplement to the flowering plants of Madras city and its immediate neighbourhood ...* [Madras (printed by the Superintendent, Government Press)] 1938. Qu.

Publ.: Jun 1938 (on p. [i]), cover-t.p., p. [i (title)-iv], [1]-46, *pl. 1-7* in text. *Copy*: NY. – Reprinted and to be cited from Bull. Madras Govt. Mus. ser. 2, Nat. Hist. 4(2): 1-46. 1938.

Ref.: Fischer, C.E.C., Kew Bull. 1938: 400. 1 Dec 1938 (brief. rev.).

Barnes, William David (1868-1938), American botanist, A.B. North-Western University 1891, graduate studies at Harvard 1891-1892. (*W.D. Barnes*).

HERBARIUM and TYPES: BDI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 125 (b. 8 Mar 1868, Irwin, Pa., d. 10 Feb 1938, Phoenix, Ohio); BL 1: 179; Tucker 1: 59.

BIOFILE: Stieber, M.T. et al., *Huntia* 4(1): 75. 1981 (ref. to letter on C.R. Ball).

20.235. *The flora of Scott and Muscatine counties ...* [Proc. Davenport Acad. Sci. 1901]. Oct. Co-authors: Ferdinand Reppert (x-1907), Alonzo Alexander Miller (1865-1933).

Publ.: 1901, p. [199]-287. Copies: G, NY. – Reprinted and to be cited from Proc. Davenport Acad. Sci. 8: 199-287. 1901 (for 1899-1900).

* **Barnhart, John Hendley** (1871-1949), American (New York) botanist and botanical bibliographer, educated in private schools and under tutors, A.B. Wesleyan University (Middletown, Conn.) 1892 (honours in biology), A.M. id. 1893, medical study in the College of Physicians and Surgeons 1893-1896, M.D. med. Columbia University 1896, never practised medicine but dedicated himself to botany, member of the Torrey Botanical Club from 1891, dedicating himself to botanical nomenclature, bibliography, biography and the Utriculariaceae, lived mainly in the New York area, 1898-1914 in Tarrytown, N.Y., from 1914 in the Bronx, editorial assistant at the New York Botanical Garden 1903, librarian ib. 1907, bibliographer ib. 1913-1942, with the main charge of editing the North American Flora, bibliographer emeritus 1942-1949. (*Barnhart*).

HERBARIUM and TYPES: NY, dupl. F, WECO. – Mss. material mainly at NY, including a catalogue of his herbarium (mss. files NY nos. 124, 125). Wrote a brief history of the NY herbarium in *J. New York Bot. Gard.* 42(493): 20-21. 1941.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: (b. 4 Oct 1871, Brooklyn, N.Y., d. 11 Nov 1949, Southampton, N.Y.); BFM 2373; BL 1: 201, 203, 213, 217; BM 6: 58; Bossert p. 26; CSP 13: 310; Ewan ed. 1: 157, 172; GF p. 87; GR p. 204; Hortus 3: 1188; IH 1 (ed.6): 355, 2: 56; Kew 1: 165; Langman p. 112; Lenley p. 20-23; LS 27.546a; LS suppl. 1769-1770; MW p. 31; NI 954, 1481, 1570; NW p. 40; TL-2/1: 123, see indexes.

BIOFILE: Anon., *Amer. Men Sci.* ed. 1. 18. 1906 (also in eds. 2-8); *New York Herald Tribune* 16 Jan 1927 (NY acquired major part of B's library 2000 vols. and pamphlets); *New York Sun* 11 Nov 1944, p. 12; *Plant Sci. Bull.* 7(4): 7. 1961 (announcement of publication of B's Biogr. notes upon botanists [our "Barnhart" in Biogr./Bibl. parag.]).

Barnhart, J.H., *Torreya* 6(5): 85-86. 1906 (on "chloronyms" i.e. naming 2 or 3 genera of plants in honour of one and the same man and doing it deliberately); *J. New York Bot. Gard.* 12: 119. 1911 (biogr. details).

Gleason, H.A., *Autobiography* (mss. at NY) 1: 168, 174. 1906 (B's assistance for his theses); *Thumbnail* (mss. at NY) p. 15-20 (detailed description of B's activities, "an eccentric who delighted in his eccentricities"); *J. New York Bot. Gard.* 51: 173-174. 1950.

Murrill, W.A., *Hist. found. bot. Florida* 17. 1945.

Rickett, H.W., *Bull. Torrey bot. Club* 77(3): 163-175, *pl. I* (portr.). 1950 (biogr., bibl.; main source; Rickett was B's successor at NYBG); *Index to Bull. Torrey bot. Club* 1955, p. 7-8. Stieber, M.T. et al., *Huntia* 4(1): 42. 1981 (letter 16 Feb 1895 to F.V. Coville in files).

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NOTE: A detailed bibliography of J.H. Barnhart was given by H.W. Rickett, John Hendley Barnhart, *Bull. Torrey Bot. Club* 77(3): 167-175. 1950.

MANUSCRIPTS: 1895-1946, at NY, 52 boxes.

COMPOSITE WORKS: (1) *Helianthemum*, with J.K. Small, in J.K. Small, *Fl. South-East U.S.* 796-797. 22 Jul 1903 and in ed. 2. 796-797. 23 Apr 1913.

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 (11) Editor of Bull. Torrey bot. Club 30-34, Jan 1903-Dec 1907.
 (12) Editor, with G.V. Nash, *Addisonia* 1-6, 1916-1921.
 (13) J.C. Arthur (q.v.), J.H. Barnhart, N.L. Britton and 20 others (see sub Arthur), *Code of Botanical Nomenclature*, New York 1904. Oct.
 (14) J.C. Arthur, (q.v.), J.H. Barnhart, N.L. Britton and 15 others (see sub Arthur), *American Code of Botanical Nomenclature ...* From the Bulletin of the Torrey botanical Club 34: 167-178. 1907. Oct.
 (15) Barnhart, J.H. and F.W. Pennell, in F.W. Pennell, *The Scrophulariaceae of Eastern temperate North America*, Monographs of the Academy of Natural Sciences of Philadelphia 1: 597-628. 1935.

20.236. *Family nomenclature ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1895. Oct.

Publ.: 15 Jan 1895 (in journal, Rickett 1950), p. [i], [1]-24. *Copies*: B, FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 22(1): 1-24. 1895.

20.237. *Nomenclatural notes ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1897. Oct.

I: 29 Aug 1897 (in journal), p. [409]-411. *Copies*: FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 24(8): 409-411. 1897.

2: 18 Jul 1899 (Rickett 1950), p. 376-380. *Copies*: B, FAS, NY. – Id. 26(7): 376-380. 1899.

20.238. *A new species of Utricularia ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1898. Oct.

Publ.: 10 Sep 1898 (Rickett 1950), p. 515-516. *Copies*: FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 25(9): 515-516. 1898.

20.239. *Dates of Elliott's Sketch ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1901. Oct.

Publ.: 30 Dec 1901 (Rickett 1950), p. [i], 680-688. *Copies*: FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 28(12): 680-688. 1901.

20.240. *Balisma, Schizonotus, Sorbaria.* Reprinted from The Botanical Gazette ... 1901. Oct.

Publ.: Dec 1901 (in journal), p. 441-442. *Copy*: FAS. – Reprinted and to be cited from Bot. Gaz. 32: 441-442. 1901.

20.241. *Dates of the "Nova Genera" of Humboldt, Bonpland and Kunth ...* Reprinted from the Bulletin of the Torrey Botanical Club ... 1902. Oct.

Publ.: 31 Oct 1902 (Rickett 1950), p. [i], 585-598. *Copies*: FAS, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 29(10): 585-598. 1902.

20.242. *The dates of Rafinesque's New Flora and Flora telluriana ...* Reprinted from Torreyia ... 1907. Oct.

- Publ.*: 21 Sep 1907 (in journal), p. 177-182. *Copies*: FAS, NY. – Reprinted and to be cited from *Torreya* 7(9): 177-182. 1907.
- 20.243.** *Some American botanists of former days ...* Reprinted from the *Journal of the New York Botanical Garden ...* 1909. Oct.
Ed. [1]: Aug 1909, p. [i], [177]-190. *Copies*: FAS, NY. – Reprinted and to be cited from *J. New York Bot. Gard.* 10: 177-190. 1909.
Ed. [2]: 31 Dec 1909, p. [i], 241-257. *Copies*: FAS, NY. – *Id.* *Torreya* 9: 241-257. 1909. – Slightly amended.
- 20.244.** *Segregation of genera of Lentibulariaceae ...* Reprinted ... from *Memoirs of the New York Botanical Garden ...* 1916. Oct.
Publ.: 31 Aug 1916, p. [i*], [i], 39-64. *Copies*: FAS, NY. – Reprinted and to be cited from *Mem. New York Bot. Gard.* 6: 39-64. 1916.
- 20.245.** *The first hundred years of the New York Academy of Sciences ...* Reprinted from the *Scientific Monthly ...* 1917. Oct.
Publ.: Nov 1917, cover-t.p., p. [463]-475. *Copy*: FAS. – Reprinted and to be cited from *Sci. Monthly* 5: 463-475. 1917.
- 20.246.** *Historical sketch of the Torrey Botanical Club ...* [Reprinted from the *Memoirs of the Torrey Botanical Club ...* 1918]. Oct.
Publ.: 10 Jun 1918, p. [i], 12-21. *Copies*: FAS, NY. – Reprinted and to be cited from *Mem. Torrey bot. Club* 17: 12-21. 1918.
- 20.247.** *Brackenridge and his book of ferns ...* Reprinted from the *Journal of the New York Botanical Garden ...* 1919. Oct.
Publ.: 25 Jun 1919, p. [117]-124. *Copy*: FAS. – Reprinted and to be cited from *J. New York Bot. Gard.* 20: 117-124. 1919.
- 20.248.** *Some fictitious botanists ...* Reprinted ... from the *Journal of the New York Botanical Garden ...* 1919. Oct.
Publ.: 7 Oct 1919 (in journal, *fide* Rickett 1950), p. [i], 171-181. *Copies*: FAS, NY. – Reprinted and to be cited from *J. New York Bot. Gard.* 20: 171-181. “September” 1919. – Note in *Evening Sun* 14 Oct 1919: The fictitious entries written by Theodor Lanavitch (in *Appleton’s Cyclopedia of American biography* c. 1890).
Ref.: O’Brien, F.M., *The New Yorker* 2 Mai 1936 (4 p. at NY).
- 20.249.** *The so-called generic names of Ehrhart’s Phytophylacium ...* Reprinted ... from *Rhodora, Journal of the New England Botanical Club ...* 1920. Oct.
Publ.: Nov 1920 (in journal), p. [180]-182. *Copies*: FAS, NY. – Reprinted and to be cited from *Rhodora* 22: 180-182. 1920.
- 20.250.** *Biographical notices of persons mentioned in the Schweinitz-Torrey correspondence ...* [Reprinted from the *Memoirs of the Torrey Botanical Club ...* 1921]. Oct.
Publ.: 16 Jul 1921 (Rickett 1950), p. [i], 290-300. *Copies*: FAS, NY. – Reprinted and to be cited from *Mem. Torrey bot. Club* 16: 290-300. 1921.
- 20.251.** *Plant nomenclature ...* Extracted from the *Journal of Botany ...* 1922. Oct.
Publ.: Sep 1922, p. [i], [256]-263. *Copies*: B, FAS, NY. – Reprinted and to be cited from *J. Bot* 60: 256-263. 1922.
- 20.252.** *European influences in American botany ...* Reprinted from the *Journal of the New York Botanical Gardens ...* 1925. Oct.

Publ.: 29 Mai 1925 (in journal), p. [102]-111. *Copies*: FAS, NY. – Reprinted and to be cited from *J. New York Bot. Gard.* 26: 102-111. 1925.

20.253. *Significance of John Bartram's work to botanical and horticultural knowledge ...* Reprinted from *Bartonia Special Issue ...* 1931. Oct.

Publ.: 31 Dec 1931, p. 24-34. *Copies*: FAS, NY. – Reprinted and to be cited from *Bartonia* 12 (Suppl.): 24-34. 1931.

20.254. *John Bartram's first interest in botany ...* Reprinted from *Bartonia Special Issue ...* 1931. Oct.

Publ.: 31 Dec 1931, p. [35]-37. *Copies*: FAS, NY. – Reprinted and to be cited from *Bartonia* 12 (Suppl.): 35-37. 1931.

20.255. *The botanical correspondents of Schweinitz ...* Reprinted from *Bartonia ...* 1934.

Publ.: 1934, p. [19]-36. *Copies*: FAS, NY. – Reprinted and to be cited from *Bartonia* 16: 19-36. 1936.

Barnola, Joaquín [Maria] de (fl. 1903-1923), Spanish clergyman (Societatis Jesu) and botanist. (*Barnola*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 125; *BL* 2: 28.

BIOFILE: Bellot Rodrigues, R., *Anal. R. Acad. Farm. Madrid* 2(6): 249. 1940.

Casas, C. et al., *Treballs Inst. bot. Barcelona* 5: 14-15. 1979 (bibl. of his bryological publs., 12 nos.).

Dörfler, I., *Botaniker-Addressbuch* ed. 3. 283. 1909 ("Prof. Ci. nat. Collegio de S. Ignatio, Sarriá, Prov. Barcelona", Spain).

20.256. *Flora vascular del principado de Andorra ...* *Memorias de la Sociedad Ibérica de Ciencias naturales ...* 1919. Oct.

Publ.: Aug 1919 (p. 90: printing finished 31 Jul 1919; Memoria dated on p. 3 for Feb), p. [3]-90, uncol. map. *Copy*: G (photocopy). – Issued as *Mem. Soc. Ibér. Ci. nat.* no. 1. 1919.

Barnsby, David (fl. 1857-1903), French pharmacist and botanist at Tours (Indre-et-Loire), pharmacist at the general hospital, director of the Jardin des Plantes (1857-1903), teacher for natural history at the school for medicine and pharmacy. (*Barnsby*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: *Barnhart* 1: 126; *Morren* ed. 2, p. 22.

BIOFILE: Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 216. 1938 (dir. Jard. bot. Tours 1857-1903).

Tourlet, E.H., *Bull. Soc. pharm. Indre-et-Loire* 1905: 98.

20.257. *Florules d'Indre-et-Loire ...* fasc. I-III. Tours (Imprimerie Ernest Mazereau ...) 1886-1890. Oct.

1: (*La vallée de l'Indre*): 1886, p. [1]-10. *Copy*: B. – Reprinted and to be cited from *Bull. Soc. Pharm. Indre-et-Loire* 1886 (n.v.).

2: (*La région des étangs*): 1887, cover-t.p., p. [i]-xiv. *Copy*: B. – Id. 1887 (n.v.).

3: (*De Tours à Château-la-Vallière ...*): 1890 (*Nat. Nov. Jan* (1) 1891), cover-t.p., p. [1]-19. *Copy*: B. – Id. 1890 (n.v.).

Ref.: Malinvaud, E., *Bull. Soc. bot. France* 33 (Rev. bibl.): 231-232. 1886, 34 (Rev. bibl.): 135-136. 1887, 37 (Rev. bibl.): 132. 1890.

Baron, [Rev.] **Richard** (1847-1907), British missionary and botanist, theological training at the Lancashire Independent College, in Madagascar under the auspices of the London Missionary Society 1872-1907. (*R. Baron*).

HERBARIUM and TYPES: K (12.000), further material at B, BM, E, G, MO, P, TAN, W.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 21; BL 1: 97; BM 1: 100; CSP 3: 311; Desmond p. 41 (b. 8 Sep 1847, Kendal, Westmorland, d. 12 Oct 1907, Morecamble, Lancs.); IH 2: 56; Kew 1: 165; Quenstedt p. 21; Rehder 1: 102, 496, 3: 93; Urban-Berl. p. 327.

BIOFILE: Baker, J.G., J. Linn. Soc. Bot. 20: 87-303. 1883 (descr. of B's [and Packer's] plants from Central Madagascar); Kew Bull. 1908(1): 45-46 (obit.).

Baron, R., J. Linn. Soc. Bot. 25: 246-294. 1889 ("The flora of Madagascar"); Kew Bull. 1890: 200-215. Sep 1890 (p. 200-203 anonymous introduction, p. 203-215 notes on economic pl. of Madagascar by B.).

Christensen, C., Dansk bot. Ark. 7: x. 1932 (on colls.).

Dorr, L.J., Taxon 36(1): 39-46. 1987 (on his *Compendium des plantes malgaches*); Arch. nat. Hist. 15(2): 171-183. 1988 (on his *Malagasy botanical text-book*).

Geikie, A., Quart. J. Geol. Sci. 64: lxiv. 1908 (obit.).

Humbert, H., C.R. AETFAT 4: 133. 1962.

Jackson, B.D., Kew Bull. 1901: 6 (11.834 specimens rd. from B. 1880-1896).

NOTE: (1) For a detailed account of Richard Baron's *Compendium des plantes malgaches* of 1901-1906 see L.J. Dorr (1987) (also list of sources).

(2) Idem for his *Botany*, na filazana ny amy ny zava-maniry sy ny fombany ..., Antananarivo (NY L.M.S. College) 1888, see L.J. Dorr (1987).

EPONYMY: *Baronia* J.G. Baker (1882), *Neobaronia* J.G. Baker (1884).

* **Baroni, Eugenio** (1865-1943), Italian botanist, habil. R. Istituto di Studi superiori, Firenze 1894, acting director Giardino dei Semplici, Firenze 1896-1897, "libero docente" in botany at the Ist. Studi sup., later assistant at the Botanical Garden Firenze (ca. 1905), director of the Istituto ed Orto Botanico dell'Università, Ferrara 1922-1930. (*Baroni*).

HERBARIUM and TYPES: Fl. – IH refers to 11 specimens from China attributed to Baroni at K [Baroni was not in China].

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 126; BFM 1509; BL 2: 330, 397; BM 1: 100, 6: 59; CSP 13: 311-312; GR p. 513; GR, cat. p. 61; Hortus 3: 1188; Kew 1: 165; LS 1765-1784, 6841, 10.546, 30.875; LS suppl. 1770; MW p. 31-32; Rehder 5(index): 51; Saccardo 1: 22, cron. p. xv; TL-2/1: 124; Tucker 1: 59; Zander ed. 10, p. 631, ed. 11, p. 717.

BIOFILE: Anon., Bot. Centralbl. 59: 319. 1894 (habil. Firenze); Hedwigia 33(5) (Beibl.): (147). 1894 (habil. Firenze).

Frodin, D.G., Guide standard floras world 620, 314b. 1984.

Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 271, 272. 1938 (directorships bot. gard. Firenze, Ferrara).

Saccardo, P.A., Malpighia 13: 101. 1899 (on portr. in Padua).

Tassi, Fl., Bull. Lab. Orto bot. Senese 7(1-4): 46. 1905 (b. Livorno, 22 Jan 1865).

Wittrock, V.B., Acta Horti Berg. 3(2): 159. 1903, 3(3): 174. 1905 (on portr.).

20.258. *Sopra alcuni licheni* raccolti nel Piceno e nello Abruzzo ... Estratto dal Bulletino della Società botanica italiana nel Nuovo Giornale Bot. Ital. ... 1889. Oct.

Publ.: Jul 1889 (in journal), p. [427]-434. *Copy*: L. – Reprinted and to be cited from Bull. Soc. bot. ital. in Nuovo Giorn. bot. ital. 21(3): 427-434. 1889.

20.259. *Sopra alcune crittogame* raccolte dal prof. Raffaello Spigai presso Constantinopoli ... Estratto dal ... Nuovo Giorn. bot. Ital. ... 1891. Oct.

Publ.: Apr 1891 (in journal), p. [306]-313. *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. Ital. 23(2): 306-313. 1891.

20.260. *Contribuzione alla lichenografia della Toscana* ... [Estratto dal Nuovo Giornale Botanico italiano ... 1891]. Oct.

Publ.: Jul 1891 (in journal; Nat. Nov. Sep (1) 1892), p. [i, identif.], [405]-450. *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. Ital. 23(3): 405-450. 1891.

20.261. *Sopra alcune crittogame africane* raccolte presso Tripoli di Barberia dal prof. Raffaello Spigai ... Estratto dal Bulletin della Società botanica italiana ... 1892. Oct.

Publ.: 1892 (read 13 Mar 1892), p. [239]-243. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. bot. ital. 1892: 239-243.

20.262. *Noterelle crittogamiche* ... Estratto dal Bulletin della Società botanica italiana ... 1892. Oct.

Publ.: 1892 (read 13 Mar 1892), p. [243]-245. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. ital. 1892: 243-245.

20.263. *Guida botanica d'Italia* ossia chiavi analitiche per determinare le piante spontanee che vivono principalmente nell'Italia media ... Rocca S. Casciano 1907. Oct. (*Guida bot. Italia*).

Ed. 1: Jan 1907 (Nat. Nov. Feb (2) 1907; Bot. Centralbl. 28 Mai 1907), p. [i]-xxiv, [1]-574. *Copy*: HH.

Ed. 2: Apr-Dec 1932 (p. x: Mar 1932, Nat. Nov. Jan 1933), p. [i]-xxxii, [i]-659. *Copy*: G. – *Guida* ... che crescono nella penisola ... secondo edizione corretta e notevolmente accresciuta ... Bologna (Licinio Cappelli) [1932, date on p. ii].

Ed. 3: Jun 1955 (date on p. [vi]). – Terza edizione riveduta e corretta da Sara Baroni Zanetti ... [Bologna (Licinio Cappelli) 1955], p. [iii]-xxxv, [1]-708. *Copy*: U.

Ed. 4: 30 Nov 1963 (printing finished; issued somewhat later), p. [ix, sic]-[xxxv], [1]-708, [709]. *Copy*: G. – Quarta edizione riveduta da Sara Baroni Zanetti. Bologna (id.).

Ed. 4[bis]: Dec 1969, p. [iii]-xxxii, [1]-545, [547], *pl. 1-16* (col.). *Copies*: G, MO. – Id., but with different pagination and imprint on p. [iv]: Dec 1969.

Barratt, Joseph (1796-1882), English born American botanist, studied medicine in London 1810, practicing physician at Leicester 1819, emigrated to the United States 1819, settled at Philipstown, N.Y., as a physician, started botanizing, became acquainted with John Torrey in 1822 and became his correspondent and occasional visitor, taught at the Academy of Norwich, Vermont 1824-1825, resumed his practice in Philipstown 1825, professor of botany, chemistry and mineralogy at the Military Academy, Middletown, Connecticut 1826-1828, from then on practicing physician in Middletown, taught botany at Wesleyan University ca. 1835, turned to geology next to botany (*Salix*, *Eupatorium*) until ca. 1845. (*Barratt*).

HERBARIUM and TYPES: NY (see Grimes and Keller 1982), *Salix* at NEBC, further material at BKL, PH. – Correspondence with Torrey at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 127 (b. 7 Jan 1796; d. 25 Jan 1882, Middletown, Conn.; further refs.); BB p. 21; BM 1: 101; CSP 1: 188; Desmond p. 48 (b. 7 Jan 1796, Little Hallam, Derbyshire); Hortus 3: 1188; IH 2: 56 (material at BKL, NEBC); Jackson p. 131, 358; Kew 1: 166; ME 3: 534 (impt. source); PR p. 14, ed. 1: 490-492; Rehder 2: 99; Tucker 1: 59.

BIOFILE: Anon., Taxon 32: 160. 1983 (donation herb. WECO to NY; core of collection: herb. B.). Barnhart, J.H., Mem. Torrey bot. Club 16(3): 290. 1921 (mentioned in Schweinitz-Torrey corr. at NY).

- Grimes, J.W. and S. Keller, *Brittonia* 34(4): 368-375. 1982 (herb. at WECO).
 Hallock, F.K., *Bull. Soc. Med. Hist. Chicago* 3: 151-167. 1923 (on herb. WECO now at NY; notes on B's herb.).
 Mears, J.A., *Proc. Acad. nat. Sci. Philadelphia* 133: 144. 1981 (herb. material, crypt., in herb. Schweinitz at PH).
 Sargent, C.S., *Silva of North America* 14: 64. 1902.
 Smith, Earle, *Bartonia* 28: pl. 2. 1907 (handwriting).
 Stieber, M.T. et al., *Huntia* 4(1): 42-43. 1981 (letters at HU).
 Weatherby, C.A., *Rhodora* 23: 121-125, 171-177, 300-301. 1921 (biogr., b. 7 Jan 1796 Little Hallam, Derbyshire, England; bibl.).

COMPOSITE WORKS: *Salix*, in W.J. Hooker, *Fl. bor.-amer.* 2: 144-160. 1840.

EPONYMY: *Barrattia* A. Gray et Engelman (1846-1847).

20.264. *Salices americanae*. North American willows. Disposed in sections, or natural groups, with notes and observations of a practical nature, showing the kinds best adapted to the useful arts, and those most esteemed in ornamental culture ... Middletown, Conn. (Charles H. Pelton, printer) 1840. Qu. (*Salices amer.*).

Publ.: 1840, unpaginated: 8 unnumbered leaves printed on the recto (t.p. and 6 p. text). *Copies*: MO, NY.

20.265. *North American carices* ... Middletown, Conn. (C.H. Pelton ... Print.) 1840. [Qu. form.]. (*North Amer. Caric.*).

Publ.: 1840, p. [2-8]. *Copy*: MO.

Supplement: 1841, p. [1]. *Copy*: MO. – *Supplement to the North American Carices* collected at Middletown, Connecticut 1841 (1 leaf).

20.266. *Eupatoria verticillata*. Specimens to illustrate the North American verticillate species and varieties of the genus *Eupatorium*: with synonymes and references ... Middletown, Connecticut ... May, 1841. (1 sheet form. Qu.).

Publ.: Mai 1841, p. [1]. *Copy*: HU. – Text accompanying “a number of uniform sets of specimens ... for distribution among Botanical friends and correspondents”.

Barratte, Jean François Gustave (1857-1920), French botanist, sometime curator of the herbarium of E. Cosson in Paris; collected in Tunis. (*Barratte*).

HERBARIUM and TYPES: Some material in B, G, LY, P (incl. P. Cosson).

NOTE: The spelling “Baratte” e.g. in IH 2 and KR is incorrect.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 127; BFM 1531, 1534; BL 1: 41, 60; BM 1: 101, 197; CSP 13: 313; GF p. 48; GR p. 637; IH 2: 54 (sub Baratte (err.)), see also Cosson; KR p. 66 (b. 23 Oct 1857, Marnoz, Jura; err. Baratte); LS 32.822; NI p. 7; TL-2/640, 641, 1589, 7475; Tucker 1: 59; Urban-Berl. p. 327.

BIOFILE: Cosson, E., *Comp. fl. atl.* xxxv-xxxvi. 1887 (colls., voyages, explor.).

Frodin, D.G., *Guide standard floras world nos.* 592, 597, also 292b, 294b. 1984.

Maire, R., *Progr. conn. bot. Algérie* 95, 100. 1931.

Wittrock, V.B., *Acta Horti Berg.* 3(3): 95, pl. 143. 1905 (portr.).

COMPOSITE WORKS: (1) see TL-2/1589, E. Durand and G. Barratte, *Fl. libyc. prodr.* 1910. – *Review*: E. Malinvaud, *Bull. Soc. bot. France* 57(8): 629-630. 24 Feb 1911.

(2) as junior author with E. Bonnet, *Explor. Sci. Tunisie, Ill. bot.* 1892-1895, see TL-2/640 and 641.

(3) *Characées*, in N.T. Patouillard, *Cat. pl. cell. Tunisie* 1897, see TL-2/7475.

Barros, Manuel (1880-1973), Argentine botanist and physician, honorary collaborator with the Museo Ciencias naturales Buenos Aires, Bot. (*Barros*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 128; Kew 1: 168.

BIOFILE: Burkart, A., *Darwiniana* 10(3): 277-278. 1954, 18(1-2): 282. 1973.

Cabrera, A.L. and M. Ferrario, *Bibl. bot. Prov. Buenos Aires* 13-14. 1970.

Castellanos, A. and R.A. Perez-Moreau, *Lilloa* 6: 109. 1941.

Parodi, L.L., *Bol. Soc. Arg. bot.* 9: 10, 45, 61. 1961.

20.266A. *Ciperáceas argentinas* I. Género *Heleocharis* R.Br. ... Buenos Aires (Imprenta y Casa editoria "Coni" ...) 1928. Oct.

Publ.: 28 Dec 1928 (date on cover-t.p. and on p. 425, mss. submitted Apr 1928), cover-t.p., p. [425]-496. *Copies*: L, U. – Issued as *Anal. Museo nac. Hist. nat.*, Buenos Aires 34: 425-496. – Separately issued of the *Annales de Botánica* Publicación no. 80.

20.267. *Las Ciperáceas de los alrededores de Buenos Aires*. Buenos Aires (Imprenta y Casa editoria "Coni" ...) 1929-1938, 3 parts. Oct.

1: 21 Oct 1929 (in journal), cover-t.p., corr. slip, [i, t.p.], [355]-398. *Copies*: B, G. – Reprinted and to be cited from *Revista Soc. Arg. Ci. nat.* 9: 355-398. 1929.

2: 30 Jul 1935 (in journal), cover-t.p., [i, t.p.], [133]-263. *Copy*: B. – Id. from *Anal. Mus. Arg. Ci. nat. Bern. Rivadavia* 38: 133-264. 1935. – Reprint: Buenos-Aires (Imprenta de la Universidad).

3: 18 Mar 1938 (in journal), cover-t.p., [i, t.p.], [253]-381. *Copy*: B. – Id. 39: 253-381. 1938. – Reprint, imprint as in no. 2.

20.268. *Notas ciperológicas ...* Buenos Aires (Imprenta y Casa editoria "Coni" ...) 1937. Oct.

Publ.: 1937, cover-t.p., p. [i], [67]-69. 1937. *Copy*: B. – Reprinted and to be cited from *Lilloa* 1: 67-69. 1937.

20.269. *Notas sobre "Heleocharis" argentinas ...* Buenos Aires (Imprenta y Casa editoria "Coni" ...) 1939. Oct.

Publ.: 1939, p. [i, t.p. on recto of 438], [438]-444. *Copy*: B. – Reprinted and to be cited from *Darwiniana* 3(3): 438-444. 1939.

Barsali, Egidio (1876-1945), Italian botanist at Pisa, c. 1902 assistant at the botanical garden of the University of Pisa, later natural history teacher in the Pisa medical school, from 1926 director of the botanical garden of Urbino. (*Barsali*).

HERBARIUM and TYPES: PAD, PI. – Some Italian material collected with U. Martelli in PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 129; BL 2: 362, 401, 410; IH 2: 57, 506; Kew 1: 169; LS 1789-1793, 30.886; LS suppl. 1817-1820; SBC p. 115.

BIOFILE: Ciferri, R., *Taxon* 1(8): 126. 1952 (fungi at PAD and PI).

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 291. 1938 (dir. bot. gard. Urbino).

Merrill, E.D., *B.P. Bishop Mus. Bull.* 144: 42. 1937 (on his *Araucaria* study).

Pampanini, R., *Fl. rep. San Marino* [introd.]. 1930.

Sayre, G., *Bryologist* 80(3): 504. 1977 (bryoph. at PAD, PI).

NOTE: For his *Prodrome della flora umbra* 1930-1933, publ. in *Nuovo Giorn. bot. Ital.* see BL 2: 410.

20.270. *Bibliografia epaticologica italiana ...* Pisa (Tipografia Ferdinando Simoncini ...) 1902. Oct. (*Bibl. epaticol. ital.*).

Publ.: shortly after 20 Mar 1902 (date of preface; *Rev. bryol.* Apr 1902), cover-t.p., p. [1]-36.
Copies: B, G.

20.271. *Contributo alla epaticologia del Pisano ...* Estratto dal Nuovo Giornale botanico italiano ... 1903. Oct.

Publ.: Jan 1903 (in journal), cover-t.p., p. [1]-24. *Copies*: B, G. – Reprinted and to be cited from *Nuovo Giorn. bot. ital. ser. 2.* 10(1): 55-78. 1903.

20.272. *Censimento delle epatiche toscane ...* Estratto dal Nuovo Giornale botanico italiano ... 1907. Oct.

Publ.: Jan 1907 (in journal), p. [1]-5. *Copy*: G. – Reprinted and to be cited from *Nuovo Giorn. bot. ital. ser. 2.* 14(1): 45-49. 1907.

20.273. *Le epatiche dell' Italia meridionale ...* [Bolletino del Naturalista ... Siena 1907]. Oct.

Publ.: Nov 1907 (in journal), p. [1]-6. *Copy*: B. – Reprinted and to be cited from *Boll. Naturalista, Siena* 27(11): [pagination not established]. 1907.

20.274. *Epatiche di Sicilia, isole eolie e pelagie ...* Bolletino del Naturalista ... Siena 1908. Oct.

Publ.: Jan 1908 (date on p. 7), p. [1]-7. *Copy*: B. – Reprinted and to be cited from *Boll. Naturalista, Siena* 28(2): [pagination not established]. 1908.

20.275. *Studio sul gen. Araucaria Juss. ...* [Atti della Società Toscana di Scienze naturali ... Pisa (Stabilimento tipografico Succ. FF. Nistri). 1909]. Oct.

Publ.: 1909, p. [145]-184, [185], *pl. 1* (uncol. lith.), published in *Atti Soc. Tosc. Sci. nat., Mem.* 25: 145-185, *pl. 1*. 1909. – We did not see an independent reprint.

Bartolini, Biagio (1746-1822), Italian botanist, studied medicine and natural sciences at the University of Siena; professor of natural history and founder and director of the Siena Botanical Garden 1783-1822. (*Bartal.*).

HERBARIUM and TYPES: SIAC (fide Saccardo).

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 103; CSP 1: 196; *Dryander* 3: 149; *Hortus* 3: 1188; *Jackson* p. 322; *Kew* 1: 169; PR 427, ed. 1: 505-506; *Saccardo* 1: 24, 2: 15, *cron. p.* xv; *Tucker* 1: 60.

BIOFILE: Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 373. 1877.

Gager, C.S., *Brooklyn Bot. Gard. Record* 27(3): 288. 1938 (dir. bot. garden Siena 1784 [sic]-1822).

Tassi, Fl., *Bull. Lab. Orto bot. Senese* 2: [59 p.]. 1899 (on herbarium), 7(1-4): 6, 19-20, 27, 55. 1905 (biogr. details).

20.276. *Catalogo delle piante che nascono spontaneamente intorno alla citta' di Siena coll'aggiunta d'altro catalogo dei corpi marini fossili che si trovano in detto luogo ...* Siena (nella Stamperia del Pubblico ...) 1776. Qu. (*Cat. piante Siena*).

Publ.: 1776, p. [i]-iv, 1-144. *Copies*: G, NY.

Barth, Ernst Adolph (fl. 1836), German (Tübingen) physician, Dr. med. chir. 1836 with Hugo (von) Mohl. (*E.A. Barth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 103; *Jackson* p. 103; *Kew* 1: 169.

20.277. *Beobachtungen über die Umwandlung von Antheren in Carpelle*. Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von Hugo Mohl ... im August 1836 der öffentlichen Prüfung vorgelegt Ernst Adolph Barth aus Tübingen. Tübingen (gedruckt bei Gustav Bähr) 1836. Oct. (*Beobacht. Umwandl. Anther. Carpelle*).

Authorship: According to a note in *Linnaea* 11(Lit.): 22-23. 1837 this publication should be attributed to Hugo von Mohl (1805-1872), see TL-2/3: 541-543. – The authorship of doctor's dissertations is often not clear: sometimes the defendent is also the author, but the text may also have been written by the promotor.

Publ.: Aug 1836, p. [1]-37. *Copies*: B-S, G, L, U.

Ref.: Schlechtendal, D.F.L. von, *Linnaea* 11(Lit.): 22-23. 1837 (rev., attribution to Mohl).

Barth, Fernand-Léon (1874-?), Swiss (Neuchâtel region) scientist and theologian and evangelist, studied natural sciences at the University of Genève 1893-1895 (bacc. lit. 1893, bacc. sci. 1894, Dr. sci. 1895), from then on concentrating on theology (bacc. theol. 1899), probationer at the French protestant church in Basel 1899-1902, with the Union chrétienne des jeunes gens 1902-1903, id. in Vaud 1913-1920, with the Belgian protestant mission at Liège 1920-1923, from 1924 "pasteur remplaçant" in the Swiss Canton de Vaud. (*F.L. Barth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 130.

BIOFILE: Briquet, J., *Bull. Soc. bot. Suisse* 50a: 30-31. 1940 (biogr. sketch, b. 4 Aug 1874, Sonvilier nr. Neuchâtel; main source).

20.278. *Anatomie comparée de la tige et de la feuille des Trigoniacées et des Chailletiacées* (Dichapétalées). Extrait d'une thèse présentée à la Faculté des Sciences de l'Université de Genève, pour obtenir le grade de docteur ès sciences ... Genève (Imprimerie Romet, ...) 1896. Oct. *Publ.*: Jul 1896 (in journal; date of defense thesis unknown to us), p. [i-ii], [1]-41, [42-43].

Copies: G, U. – Reprinted or preprinted from *Bull. Herb. Boissier* 4(7): 481-520. Jul 1896.

* **Barth, József** (Joseph) (1833-1915), Transylvanian clergyman and botanist belonging to the German language population in that region; distributed botanical collections, educated at the seminar at Medgyes, first teacher, later curate at Hosszuaszó 1864-1905, in retirement at Nagyszeben 1905-1915. (*Barth*).

HERBARIUM and TYPES: BP (24.000; original herbarium), further material in B, F, FI, GH, GOET, IBF, KIEL, L, M, MANCH, W, WRSL. – For series of exsiccatae see TL-2/1: 125.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 315; Barnhart 1: 130; Bossert p. 26; CSP 7: 92, 13: 322; GR p. 655; IH 2: 57; LS 1801-1802, 30.890; TL-2/1: 125.

BIOFILE: Anon., *Magyar Bot. Lapok* 14: 109. 1915.

Barth, J., *Verh. Mitth. Siebenb. Ver. Nat.-Wiss. Hermannstadt* 27: 97-98. 1877.

Hertel, H., *Mitt. Bot. Staatssamml. München* 16: 344. 1980 (Lich. at M).

Pax, F., *Grundz. Pfl.-Verbr. Karpathen* 48, 60, 62. 1898 (*Veg. Erde* 2(1)), id. 2: 58, 278. 1908 (*Veg. Erde* 2(2)).

Sayre, G., *Mem. New York Bot. Gard.* 19(1): 115. 1969, 19(2): 180. 1971 (exsicc.).

Simonkai, L., *Enum. fl. transsilv.* viii. 1886.

Verseggy, K., *Fedde Rep.* 68(1): 109-110. 1963 (biogr., bibliogr.).

Wagenitz, G., *Index coll. princ. herb. Gotting.* 18. 1982.

Barthel, ... (fl. 1869), German teacher at the royal catholic Gymnasium at Neustadt (West-prussen). (*Barthel*).

NOTE: We have no information on this author except for the following publication.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 104.

20.279. Siebenter Bericht über das Königliche Katholische Gymnasium zu Neustadt in Westpreussen, zur öffentlichen Prüfung der Schüler am 30 Juli ... 1. Naturwissenschaftliche Abhandlung vom Gymnasiallehrer Barthel [*Die Doldenpflanzen der nächsten Umgebung von Neustadt*]. Neustadt Westpr. (Druck von H. Brandenburg) 1869. Qu. (*Doldenpfl. Neustadt*). Publ.: Jun-Jul 1869, p. [i, t.p. of Programm], [1]-12. Copy: B.

Barthelat, Gilbert Joseph (fl. 1893), French pharmacist, studied at the École de Médecine et Pharmacie de Clermont-Ferrand (lauréat 1889) and the École supérieure de Pharmacie de Paris (lauréat 1892), "pharmacien de première classe". (*Barthelat*).

HERBARIUM and TYPES: Unknown. – We have no general information on this author.

BIBLIOGRAPHY and BIOGRAPHY: Kew 1: 169; LS 1803.

20.280. École supérieure de pharmacie de Paris. *Contribution à l'étude histologique des Zingibéracées* ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1893. Oct. (*Contr. histol. Zingiberac.*). Publ.: 1893, cover-t.p., p. [i], [1]-86, pl. 1-4 (uncol. liths. auct.). Copy: B.

Barthels, Wilhelm (1897-?), German botanist, born at Altona/Elbe, educated at the Oberrealschule Eimsbüttel and the Heinrich Hertz Realgymnasium, Hamburg, sometime insurance agent 1914, in military service 1916-1919, studied at the University of Hamburg 1920, mainly dedicating himself to botany with Alfred Voigt (1864-1955). (*Barthels*).

HERBARIUM and TYPES: Unknown, possibly at HBG.

20.281. *Ueber die Meerzwiebel* (*Urginea maritima*). Dissertation zur Erlangung der Doktorwürde der Mathematisch-Naturwissenschaftlichen Fakultät vorgelegt von Wilhelm Barthels aus Altona a. d. Elbe. Hamburg 1926. Oct. (*Meerzwiebel*). Publ.: Dec 1926 (text approved by Faculty 21 Jul 1926, in memoriam of Hertha Krandl 26.11.1926), p. [1]-40. Copy: L.

* **Bartholomew, Elam** (1852-1934), American farmer, school-teacher, stock-raiser, mycologist and plant collector, born in Pennsylvania, educated in Ohio and at a farm near Farmington, Illinois, qualified himself to teach school, settled in Kansas at a farm near Stockton 1874-1929, moved to Fort Hayes, Kansas State College as curator of the mycological herbarium 1929-1934. (*Barth.*).

HERBARIUM and TYPES: See TL-2/1: 125. – According to J.R. Choate, Ass. Syst. Coll. Newsletter 5: 61-64. 1977 Bartholomew's herbarium is at FHKSC (originally 40,000 specimens), FH claims only 4000 specimens.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 131 (d. 18 Nov 1934, Hays, Kansas); Bossert p. 27; CSP 13: 324, 14: 823; Ewan ed. 1: 158, 302, 304; IH 2: 57; Kew 1: 170; Lenley p. 24; LS 1807, 7884-7889, 30.893; LS suppl. 1848-1850; NAF 9(6): 427-428, 7(15): 1050; NW p. 40; Stevenson p. 1235; TL-2/1: 125.

BIOFILE: Anon., Amer. men Sci. ed. 4. 57. 1927.

Bartholomew, E.T., Mycologia 27(2): 91-95. 1935 (obit., portr., b. Strasburg, Pa. 9 Jun 1852; herb. about 40,000 specimens, mainly fungi s.l.; total colls. 290,672 specimens).

Chambers, W.L., Stockton Review and Record 1 Apr 1926 (4 p.).

Humphrey, H.B., Makers Amer. bot. 20-21. 1961.

Rogers, D.P., Brief hist. mycol. N. Amer. 14, 45-46. 1981.

Stevenson, Beih. Nova Hedwigia 36: 33-49. 1971.
Verdoorn, F., Chron. bot. 1: 295. 1935 (portr.).

20.282. *Handbook of the North American Uredinales* (Rust flora). Including citations and synonymy ... Stockton, Kansas (Printed by Rooks County record and Review ...) [1928]. Oct. (*Handb. N. Amer. Ured.*).

Ed. 1: 1928 (date on cover), p. [1]-193. *Copy:* NY.

Revised ed.: Mai-Jul 1933 (preface Mai 1933; J. New York bot. Gard. Aug 1933), p. [i], [1]-238. *Copy:* MO.

Ref.: Arthur, J.C., Mycologia 26(1): 108. 1 Feb 1934 (ed. 2).

Kern, E.D., Mycologia 21(3): 169-172. 1 Mai 1929 (ed. 1).

Bartholomew, Elbert Thomas (1878-?), American (Kansas born) botanist, son of Elam Bartholomew, worked on the family farm until 1899, school-teacher 1899-1902, at Kansas State Normal College 1902-1910, fellow and assistant 1906-1909, assistant professor of botany 1909-1910, at the University of Wisconsin, assistant and instructor in botany 1910-1915, assistant professor in botany ib. 1915-1920, assistant professor of plant pathology, Citrus Exper. Sta. (Calif.) 1920-1925, associate plant pathologist 1925-?. (*E.T. Barth.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 131 (b. 18 Oct 1878; biogr. details used for our caption); LS suppl. 1854-1860, 2360; Stevenson p. 1235.

BIOFILE: Anon., Amer. men sci. ed. 4: 57. 1927.

20.283. *Herbarium arrangement of mycological specimens.*

Publ.: Mai-Jun 1931, p. 227-244, *pl. 21-22* (uncol. phot.). *Copy:* L. – Reprinted and to be cited from Mycologia 23(3): 227-244, *pl. 21-22*. Mai-Jun 1931.

Bartlett, Emily Mary (1891-x), American botanist, Ph.D. Stanford 1925, instructor in botany at Wellesley College 1925-1926, later with the University of California. (*E.M. Bartlett*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 131.

20.284. *A comparative study of the development of the sporophyte in the Anthocerotaceae*, with especial reference to the genus *Anthoceros* ... Annals of Botany ... 1928. Oct.

Publ.: Apr 1928 (date on cover-t.p.), cover-t.p., p. [409]-430, *pl. 7* (uncol. phot.). *Copy:* Gr-V. – Reprinted and to be cited from Ann. Bot. 42(156): 409-430, *pl. 7*. 1928.

* **Bartlett, Harley Harris** (1886-1960), American botanist studied at Shortridge High School, Indianapolis, after graduation assistant ib. in biology and chemistry, entered Harvard University 1904, A.B. cum laude in chemistry 1908, 1905-1908 assistant to B.L. Robinson and M.L. Fernald, in graduate school 1908-1909; chemical biologist with Bureau of Plant Industry, USDA, Washington D.C.; assistant professor of botany at the University of Michigan 1915, full professor 1921, head of the Department of Botany 1922-1947, Director of the Botanical Gardens 1919-1955; explored and botanized in Sumatra, Formosa, Mexico, Guatemala, British Honduras, the Philippines, Panama, Haiti, Argentina, Uruguay and Chile. (*H.M. Bartlett*).

HERBARIUM and TYPES: MICH; duplicates (see IH 2: 58): A, AMES, B, BISH, C, DM, DS, F, HHI, ILL, K, L, LCU, MO, NY, PH, PNH, POM, S, SING, TEX, U, US, W. – Collector's field notes: MICH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 57; Barnhart 1: 131; BL 1: 128; BM 6: 61; Bossert p. 27; Hortus 3: 1188; IH 2: 58; Kew 1: 171; Langman p. 115; Lenley p. 24; LS suppl. 1866; MW p. 32; MW suppl. p. 21; NW p. 40; SK 1: 38-39 (portr., itin., coll.), 4: 101, cxlv; TL-2/1: 125-126; Tucker 1: 60; Zander ed. 10, p. 631, ed. 11, p. 717-718.

BIOFILE: Anon., Amer. men sci. ed. 4. 58. 1927; Fl. males. Bull. 15: 706. 1960 (d. 21 Feb 1960); Plant Sci. Bull. 6(3): 7. 1960.

Bartlett, H.H., Bull. Torrey bot. Club 59: 7-20. 11 Mar 1932 ("A biological survey of the Maya area", characteristic for B's work on C. American botany; see below for his *Botany of the Maya area*).

Ewan, J. et al., Short hist. bot. U.S. 42, 108. 1969.

Gleason, H.A., Thumbnail sketches (mss. at NYBG) p. 20-21 ("of all the botanists ... [B.] had the greatest capacity for making and keeping friends").

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Knobloch, I.W., Phytologia Mem. 6: 6. 1983 (Mexican colls., refs.).

Mains, E.B. in W.A. Donnelly et al., The University of Michigan 1450, 1451, 1454. 1956.

McVaugh, R., Asa Gray Bull. ser. 2. 3(3-4): inside front and back covers. 1961 (B. edited ser. 2).

Pennell, F.W. and J.H. Barnhart, Monogr. Acad. Nat. Sci. Philadelphia 1: 600. 1935 (colls.).

Quisumbing, E., Philipp. Geogr. J. 8: 30. 1964 (coll. Philipp.).

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Steere, W.C., Bot. Rev. 43(3): 289. 1977 (further refs.).

Stieber, M.T. et al., Huntia 4(1): 75. 1981 (corr.).

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Voss, E.G., Bull. Torrey bot. Club 88(1): 47-56. 1961 (obit., portr., bibl. 179 nos.); Records Genet. Soc. Amer. 30: 13-15. 1961 (obit.).

COMPOSITE WORKS: (1) With B.L. Robinson, *New plants from Guatemala and Mexico* (coll. C.C. Dean), Proc. Amer. Acad. Arts Sci. 43: 48-60. 1907.

(2) With H. de Vries, *The evening primroses of Dixie Landing, Alabama*, Science, ser. 2. 36: 599-601. 1912.

(3) With Carl D. LaRue, *An analysis of the changes involved in a case of progressive mutation* ... Genetics 4: 207-224. Mai 1918.

(4) Review of Witmer Stone, *The plants of southern New Jersey*, Rhodora 14: 94-96. 1912. – See TL-2/13.204.

(5) See A. Eastwood, *Synopsis of the Mexican and Central American species of Castilleja*, Cambridge, Mass. 1919.

EPONYMY: See TL-2/1: 126. – See also TL-2/3: 236 under R. McVaugh: "H.H. Bartlett professor of botany" at University of Michigan.

20.285. *The Saltmarsh Iva of New England* ... Reprinted ... from Rhodora ... 1906. Oct.

Publ.: Feb 1906 (in journal), p. [25]-26. *Copy*: B. – Reprinted and to be cited from Rhodora 8: 25-26. 1906.

20.286. *The submarine Chamaecyparis bog at Woods Hole, Massachusetts* ... Reprinted from Rhodora ... 1909. Oct.

Publ.: Dec 1909 (in journal), cover-t.p., p. 221-235, *pl.* 82. *Copy*: B. – Reprinted and to be cited from Rhodora 11(132): 221-235, *pl.* 82. 1909.

20.287. *The source of the drug Dioscorea*, with a consideration of the Dioscoreae found in the United States ... Washington (Government Printing Office) 1910. Oct. (*Source Dioscorea*).

Publ.: 11 Nov 1910 (date on t.p.), cover-t.p., p. [1]-29. *Copies*: BR, FAS, L. – Issued as Bull. no. 189, U.S.D.A., Bureau of Plant Industry.

20.288. *The purpling chromogen of a Hawaiian Dioscorea ...* Washington (Government Printing Office) 1913. Oct. (*Purpl. chromogen Dioscorea*).

Publ.: 1913, cover-t.p., p. [1]-19. *Copies*: BR, L. – Issued as Bull. no. 264, U.S.D.A., Bureau of Plant Industry.

20.289. *An account of the cruciate-flowered Oenotheras of the subgenus Onagra ...* American Journal of Botany ... 1914. Oct.

Publ.: Mai 1914 (in journal), p. 226-243, *pl. 19-21* (uncol. phot.). *Copy*: FAS. – Reprinted and to be cited from Amer. J. Bot. 1(5): 226-243, *pl. 19-21*. 1914.

20.290. *Mass mutation in Oenothera pratincola ...* Reprinted for private circulation from The Botanical Gazette ... 1915. Oct.

Publ.: Dec 1915, cover-t.p., p. 425-456. *Copy*: FAS. – Reprinted and to be cited from Bot. Gaz. 60(6): 425-456. 1915.

Note: For further publications of Bartlett's work on *Oenothera*, strongly influenced through his contact and cooperation with Hugo de Vries, see *Systematic studies in Oenothera* 1-5, 1911-1915, and further the bibliography of Bartlett's work by E.G. Voss.

20.291. *Sumatran plants collected in Asahan and Karoland, with notes on their vernacular names ...* [New York (The Macmillan Company). 1927]. Oct.

Publ.: Feb 1927, p. [1]-66. *Copies*: L, U. – Papers Mich. Acad. Sci. Arts Letters, ed. by Eugene S. McCartney and Peter Okkelberg, 1927, p. 1-66, reprinted and to be cited from Pap. Mich. Acad. Sci. 6: 1-66. 1926 (1927).

20.292. *Fossils of the Carboniferous coal pebbles of the glacial drift at Ann Arbor ... The genus Triletes ...* Reprinted from the Papers of the Michigan Academy of Science ... 1929. Oct.

Publ.: 1929, cover-t.p., p. [first part:] 11-28, *pl. 3-25* (uncol. phot.), [*Triletes*:] 29-38. *Copy*: FAS. – Reprinted and to be cited from Pap. Mich. Acad. Sci. 9: 11-38, *pl. 3-25*. 1928 (i.e. 1929).

20.293. *A biological survey of the Maya era ...* Separately printed, ..., from Bulletin of the Torrey Botanical Club ... 1932. Oct.

Publ.: 11 Mar 1932 (date on cover-t.p. of reprint), cover-t.p., p. 7-20. *Copy*: U. – Reprinted and to be cited from Bull. Torrey bot. Club 59: 7-20. 1932.

20.294. *Certain Desmonci (Palmae) of Central America and Mexico ...* Reprinted from Journal of the Washington Academy of Science ... 1935. Oct.

Publ.: 15 Feb 1935, p. [81]-88. *Copy*: U. – Reprinted and to be cited from J. Washington Acad. Sci. 25(2): 81-88. 1935.

20.295. *The Batak lands of North Sumatra, from the standpoint of recent American botanical collections ...* Manila (Published by the University) 1935. Oct. (format).

Publ.: Jun 1935 (in journal), cover-t.p., p. [211]-323, 2 maps. *Copies*: B, G, L, U. – Reprinted and to be cited from Nat. appl. Sci. Bull. Univ. Philipp. 4(3): 211-323, 2 maps. 1935.

20.296. *Botany of the Maya area: miscellaneous papers I-III ...* Preprinted from Carnegie Institution of Washington Publications ... 1935. Oct.

1: Jul 1935 (date on cover-t.p. of preprint), cover-t.p., p. [1]-25, [26], *pl. 1-14* with text (uncol. phot.).

2: Jul 1935 (idem), cover-t.p., p. [27]-41, *pl. 1-12* (id.).

3: Jul 1935 (idem), cover-t.p., p. [43]-47, *pl. 1-5* (id.).

20.297. *The reports of the Wilkes expedition, and the work of the specialists in science ...* Reprinted from Proceedings of the American Philosophical Society ... 1940. Oct.

Publ.: Jun 1940, p. [i], 601-705. *Copy*: FAS. – Reprinted and to be cited from Proc. Amer. Philos. Soc. 82(5): 601-705. 1940.

20.298. *Sumatran Palms I. Calamoxleya, a subgenus of Calamus typified by C. leiopathus, a new species related to C. oxleyanus ...* Reprinted from the Papers of the Michigan Academy of Science, Arts, and Letters ... 1940.

Publ.: 1940, cover-t.p., p. 3-12, *pl. 1-4* with text (uncol. draw.). *Copy*: FAS. – Reprinted and to be cited from Pap. Mich. Acad. Sci. 25: 3-12, *pl. 1-4*. 1939 (publ. 1940). – Series not continued.

* **Bartling, Friedrich** [Theophilus] **Gottlieb** (1798-1875), German (Hannover) botanist, Dr. phil. Goet. 1820, Privat-Docent at the University of Göttingen 1821-1831, extraordinary professor 1831-1837, regular professor of botany ib. 1837-1875; director of the Göttingen botanical Garden; in 1848 in charge of the University volunteer company, founder of the Göttingen herbarium. (*Bartl.*).

HERBARIUM and TYPES: GOET. – For exsiccatae see TL-2/1: 126 and IH 2: 58. Additional holdings in MO, TO, W. .

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 132-133, 46: 224-225; Barnhart 1: 132 (b. 9 Dec 1798, d. 19 Nov 1875); BM 1: 104; Bossert p. 27; CSP 1: 199, 6: 578, 13: 324; GR p. 3; GR, cat. p. 60; Hortus 3: 1188; IH 2: 58; Jackson p. 426, 494; Kanitz no. 125; Kew 1: 171; Krempelsh. 2(Abth. I, no. 16); Langman p. 115; LS 1809; Morren ed. 2, p. 7; MW p. 32; NDB 1: 611-612; PR 431-434, ed. 1: 512-515; TL-1: 15; TL-2/1: 126-127, see also indexes; Tucker 1: 60; Zander ed. 10, p. 631, ed. 11, p. 717.

BIOFILE: Anon., Flora 1(14): 240. 1818 (B. in Regensburg, "ein junger Mann, ... aus Hannover, ...", studied at Göttingen), 15(2), Int. Bl. 38-40 (55-56) Aug 1832 (herb. exsicc.), 41: 471. 1858 ("Hofrath" Hannover), 58: 528. 1875 (d.); Bot. Zeit. 5(43): 768. 1847 (to Pyrenees), 16(28): 208. 1858 (Hofrath), 33: 790. 1875 (d.), 853-856. 1875 (detailed obit. by "D."); Bonplandia 9: 181-182. 1861 (Kgl. hannov. Guelphen Orden 4. Kl.); J. Bot. 14: 64. 1876. D'Arcy, W.G., Missouri Bot. Gard. Bull. 59(1): 24. 1971 (herb. mat. in Bernhardt herb.). Bartling, F.G., Der botanische Garten zu Göttingen im Jahre 1837, Göttingen 1837, Qu. 8 p., map (rd. by Hinrichs, Leipzig 15-21 Oct 1837).

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Seeland, G., Mitt. Herm. Roemer-Mus. Hildesheim 40: 18, 22. 1936.

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Wittrock, V.B., Acta Horti Berg. 3(2): 119-120, pl. 28. 1903, 3(3): 119. 1905 (portr.).

COMPOSITE WORKS: (1) Contributed to J.G.C. Lehmann, *Pl. Preiss.* 1844-1848, TL-2/4332. (2) *Laurineae*, in *Plantae Ecklonianae*, Linnaea 7(4): 538. 1832, *Droseraceae*, in id. 7(5): 620. 1832. (3) *Beiträge zur Flora des österr. Küstenlandes*, in Bartling and Wendland (see TL-2/316), Beitr. Bot. 1825.

20.299. *De littoribus ac insulis maris liburnici*. Dissertatio geographico-botanico ... Hannoverae 1820. Oct. (*De litt. ins. maris liburn.*).
Publ.: 1820, p. [i]-vi, [7]-48. *Copies*: B-S, G.

20.300. *Der botanische Garten zu Göttingen im Jahre 1837*. Skizze ... Göttingen (Druck und Papier der Dieterichschen Univ. Buchdruckerei) 1837. Qu. (*Bot. Gart. Göttingen*).
Publ.: 1837, p. [1]-8, 1 pl. (uncol. copp. engr., garden plan). *Copies*: B-S, GOET.
Ref.: Anon., *Flora* 12(Litt.): 24-25. Mar 1838.

* **Barton, Benjamin Smith** (1766-1815), American botanist, zoologist, ethnographer and physician, educated by his older brother, William and at a school in York, Pennsylvania, studied medicine at the University of Edinburgh 1786-1787 and id. of Göttingen 1787-1788, professor of natural history and botany in the College of Philadelphia (later University of Pennsylvania), professor of materia medica 1795, curator at the American Philosophical Society 1790-1800, vice-president ib. 1802-1815. (*Barton*).

HERBARIUM and TYPES: PH (original herbarium).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 57; Barnhart 1: 132; BB p. 22; BM 1: 105, 6: 61; Bossert p. 27; CSP 1: 199-200 (26 entries, period. literature); DAB 2: 17-20; Dawson p. 37 (letters B.S. Barton to Banks); Dryander 3: 290; DSB 1: 484-486 (by J. Ewan; bibl., b. 10 Feb 1766, Lancaster, Pa., d. 19 Dec 1815, Philadelphia, Pa.); GF p. 48; Hortus 3: 1188; IH 2: 58; Jackson p. 36, 360, 364; Kew 1: 171; ME 1: 34, 163, 3: 534 [index] (list of publ.); NAF ser. 2. 5: 233; NI 82-83, also suppl.; Nickles p. 74; Plesch p. 132-134; PR 435-439, ed. 1: 516-520; Quenstedt p. 23; Rehder 5(index): 54; Sotheby 32; TL-2/1: 127-129, and see indexes; Tucker 1: 60-61; Zander ed. 10, p. 632, ed. 11, p. 718.

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NOTE: The publication of Ian MacPhail, Benjamin Smith Barton and William Paul Crillon Barton, 1986, provides an exhaustive bibliography with a wealth of additional details. We have nothing to add to this excellent bibliography.

Barton, Ethel Sarel (1864-1922), British algologist, worked at BM and K, married 9 Jun 1902, Chelsea, Anthony Gepp. (*E. Barton* later *E. Gepp*).

HERBARIUM and TYPES: BM.

NAME: Treated briefly as Ethel Sarel Gepp, née Barton in TL-2/1: 933. Most of her publications were published before her marriage under her maiden name.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 40; BB p. 22, 120; BM 1: 105, 6: 364; CSP 13: 327-328; Desmond p. 44, 248 (sub Gepp); De Toni 4: iv; GR p. 399; IH 2: 221; Kew 1: 171-172; LS 33.602; MW p. 136; TL-2/1: 933.

BIOFILE: Britten, J., J. Bot. 60: 160, 193-195. 1922.
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Kent, D.H., Brit. herb. 55. 1953 (sub Gepp).
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(2) *List of marine algae* with a note on the fructification of *Halimeda* (see also below, *The genus Halimeda*), in Ceylon Pearl Oyster Fisheries 1903, supplementary reports no. ii. Copy: L (author's copy reprinted from part i).

EPONYMY: *Ethelia* Weber van Bosse (1921).

20.301. *On the occurrence of galls in Rhodymenia palmata* Grev. ... Reprinted from the Journal of Botany ... 1891. Oct.

Publ.: Mar 1891 (in journal), p. [1]-4, pl. 303 (col. lith. auct.). Copy: L.

20.302. *A provisional list of the marine algae of the Cape of Good Hope* ... [Reprinted from the Journal of Botany ... 1893]. Oct.

Publ.: Feb-Jul 1893 (in journal), cover-t.p., p. [1]-32. Copies: B, L. – Reprinted and to be cited from J. Bot. 31: 53-56. Feb, 81-84. Mar, 110-114. Apr, 138-144. Mai, 171-177. Jun, 202-210. Jul 1893.

20.303. *Recent researches on olive-brown seaweeds* ... London (Rait, Henderson & Co., ...) 1894. Oct.

Publ.: Jan 1894 (in journal), cover-t.p., p. [50]-54. Copy: L. – Reprinted and to be cited from Natural Science 4(23): 50-54. 1894.

20.304. *Notes on Bryopsis* ... Reprinted from the Journal of Botany ... [1895]. Oct.

Publ.: Jun 1895 (in journal), cover, pl. 349 (uncol. lith. auct.), p. 161-162. Copy: L. – Reprinted and to be cited from J. Bot. 33: pl. 349, p. 161-162. 1895.

20.305. *Cape algae* ... Reprinted from The "Journal of Botany" ... 1896. Oct.

Publ.: Mai, Nov 1896 (in journal, reprint Nov 1896), cover, p. [1]-9. Copy: L. – Reprinted and to be cited from J. Bot. 34: 193-198. Mai, 458-461. Nov 1896.

20.306. *On the structure and development of Soranthera*, Post & Rupr. ... Extracted from the Linnean Society's Journal-Botany ... [1898]. Oct.

Publ.: 1 Nov 1898 (in journal), p. 479-486, pl. 23-24 (uncol. liths. P. Highley). Copy: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 33(234): 479-486, pl. 23-24. 1898.

20.307. *On the fruit of Chnoospora fastigiata*, J. Ag. ... Extracted from the Linnean Society's Journal-Botany ... [1898]. Oct.

Publ.: 1 Nov 1898 (in journal), p. [507]-508, pl. 28 (uncol. lith. P. Highley). Copy: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 33(234): 507-508, pl. 28. 1898.

20.308. *On Notheia anomala* Harv. et Bail. ... Extracted from the Linnean Society's Journal-Botany, ... [1899]. Oct.

Publ.: 1 Nov 1899 (in journal), p. [417]-425, *pl. 12-14* (uncol. liths. auct. and Percy Highley (1856-1929)). *Copy*: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 34(239): 417-425, *pl. 12-14*. 1899.

20.309. *On the forms, with a new species, of Halimeda* from Fanafati ... Extracted from the Linnean Society's Journal-Botany ... [1900]. Oct.

Publ.: 1 Nov 1900 (in journal), p. [479]-482, *pl. 18* (uncol. lith. Barton and Highley). *Copy*: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 34(241): 479-482, *pl. 18*. 1900.

20.310. *Siboga-Expeditie. The genus Halimeda* ... Monographe [sic] lx(60) of Uitkomsten op zoologisch, botanisch, oceanographisch en geologisch gebied verzameld in Nederlandsch Oost-Indië 1899-1900 aan boord H.M. Siboga onder commando van Luitenant ter zee 1^e kl. G.F. Tydeman uitgegeven door Dr. Max Weber ... Leiden (Boekhandel en Drukkerij voorheen E.J. Brill) 1901. Fol. (*Halimeda*).

Publ.: Dec 1901 (date on cover-t.p.; Nat. Nov. Mar (1) 1902), cover-t.p., p. [i-iii], [1]-30, [31-33], *pl. 1-4* (uncol. liths. Barton & Highley) with unnumbered text pages. *Copies*: B, G; IDC 5515. – Issued as "Siboga Expeditie lx".

Ref.: DeWildeman, É., Bot. Centralbl. 89(6): 156-157. 11 Feb 1902 (rev.).

Murray, G., J. Bot. 40: 165-166. 1902 (rev.).

20.311. *List of marine algae collected at the Maldive and Laccadive Islands* by J.S. Gardiner, Esq. M.A. ... Extracted from the Linnean Society's Journal-Botany ... [1903]. Oct.

Publ.: 31 Oct 1903 (Nat. Nov. Dec (2) 1903), p. [475]-482, *pl. 13* (uncol. lith. by Barton and Highley).

Copy: L. – Reprinted and to be cited from J. Linn. Soc., Bot. 35(247): 475-482, *pl. 13*. 1902.

Barton, John [Sr.] (1798-1852), British botanist of Stoughton, Chichester, Sussex. (*J. Barton Sr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 132; BB p. 22; BM 1: 105; CSP 1: 200; Desmond p. 44; Jackson p. 221; PR 440, ed. 1: 521; Rehder 1: 298, 5(index): xvi; Tucker 1: 61.

NOTE: Barton's son John Barton [Jr.] (1836-1908) also published on botany and collected plants. For further information see D.E. Allen, John Barton: a biographical supplement, *Naturalist* 105: 157-158. 1980.

20.312. *A lecture on the geography of plants* ... London (printed for Harvey and Darton, ...) 1827. (*Lect. geogr. pl.*).

Publ.: 1827 (p. iii: preface signed 11 Jun 1827), p. [i, iii], [1]-94, [95], [i*-viii*, index], 3 maps (uncol.). *Copies*: G, L, MO, NY.

French translation: 1929, p. [i-iii], [1]-84, 4 *pl. Copies*: MO, NY. – *Lecture sur la géographie des plantes*, augmentée de notes par J. Marchal, Bruxelles 1929.

* **Barton, William Paul Crillon** (1786-1856), American botanist at Philadelphia, nephew of B.S. Barton; graduated at Princeton 1805, studied medicine at the University of Pennsylvania; joined the navy as a surgeon 1809, served in naval hospitals in Philadelphia, Norfolk and Pensacola; succeeded his uncle as professor of botany at the University of Pennsylvania, subsequently teacher of materia medica at Jefferson Medical College, Philadelphia; first chief Navy Department Bureau of Medicine and Surgery 1842-1844. (*W. Barton*).

HERBARIUM and TYPES: PH (including the herbarium of B.S. Barton). – Some further material in P-JU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 133 (b. 17 Nov 1786, d. 29 Feb 1856); BM 1: 105; Bossert p. 27; CSP 1: 260; DU 25-26; GF p. 48; Hortus 3: 1188; IH 2: 58; Jackson: see index; Kew 1: 172; ME 3: 535 (index); NI 84-85; Plesch 134-135; PR 442-446, ed. 1: 523-528; Rehder 1: 306, 313, 3: 62; RS p. 73; Sotheby 33, 34, 35; TL-1: 15-16; TL-2/1: 129-131; Tucker 1: 61; Zander ed. 10, p. 632, ed. 11, p. 718.

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Stieber, M.T. et al., *Huntia* 4(1): 43. 1981 (mss.).

20.313. *Some account of a plant used in Lancaster county, Pennsylvania as a substitute for chocolate; and which appears to be the *Holcus bicolor* of Willdenow's species plantarum ... Philadelphia (printed by T.H. Palmer) 1816. Oct. (Some account of *Holcus bicolor*).*

Publ.: 16 Oct 1816 (date of printing fide p. 8; actually read 17 Oct 1816), p. [1]-8. *Copies*: HH, PH. – See MacPhail (1986), no. 14.

20.314. *Outlines of lectures on materia medica and botany delivered in Jefferson Medical College, Philadelphia ... Philadelphia (published by Joseph D. Auner, ...) 1827, 2 vols. Duod. (Outlines bot.).*

I: 1827, p. [i]-xx, [7, sic]-246, [1]-8.

2: Dec 1827 (preface p. iv: 12 Nov 1827), p. [i]-iv, [9, sic]-291, [292].

Copy: MO.

* **Bartram, Edwin Bunting** (1878-1964), American bryologist, after school engaged in various business activities until 1917; amateur botanist, after 1917 dedicating himself almost entirely to bryology, president of the American Bryological Society 1931-1933, longtime associate editor of the *Bryologist*. (*E.B. Bartram*).

HERBARIUM and TYPES: FH (75.000), further material (incl. his *Mosses of Southern Arizona* (fasc. 1-7, nos. 1-173, Bushkill, Pa. 1924-1927)) at B, BISH, CAN, CU, DAD, FM, HH, MICH, MT, NY, PC, P-DU, PENN, PH, QFA, US. – Library acquired by DUKE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 132 (orig. inf.); BFM 3167; Bossert p. 27; IH 2: 58; Kew 1: 172; Lenley p. 24; MW p. 32; MW suppl. p. 21; NAF ser. 2.9: 120; NW p. 40; Roon p. 15; SBC p. 1964 ("Bartr."); TL-2/1: 131, see indexes.

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OUTSIDE OUT PERIOD: (1) *Mosses of Guatemala*, Fieldiana, Bot. 25: i-v, 1-442. 1949; reprinted 1972; see *Taxon* 28: 527. 1972, see TL-2/328.

(2) for further titles see the bibliography in H. Crum (1967), p. 934-936.

20.315. *Costa Rican mosses collected by Paul C. Standley in 1924-1926 ...* Washington (Government Printing Office) 1928. Oct.

Publ.: 1928, cover-t.p., p. [i]-vi, 51-114, vii-x. *Copies*: B, Gr-V, MO, U. – Issued and to be cited from *Contr. U.S. Natl. Herb.* 26(3): i-vi, 51-114, vii-x. 1928.

Additional Costa Rican Mosses ... Reprinted from *Journal of the Washington Academy of Sciences ...* 1929. Oct., *Publ.*: 4 Jan 1929 (in journal), cover-t.p., p. [11]-27. *Copy*: G. – Reprinted and to be cited from *J. Washington Acad. Sci.* 19(1): 11-27. 1929.

Additional Costa Rican Mosses II, in id. 21: 288-294. 1931.

Additional Costa Rican Mosses III, in id. 24(4): 467-480. 15 Nov 1934, also as reprint.

Ref.: I.T., *Rev. bryol. ser. 2.* 2(1): 46. 1929.

20.316. *Mosses of northern Guatemala and British Honduras ...* Reprinted from *Journal of the Washington Academy of Sciences ...* 1932. Oct.

Publ.: 19 Oct 1932 (date on p. [i] of reprint), p. [i], [476]-482. *Copy*: U. – Reprinted and to be cited from *J. Washington Acad. Sci.* 22(16-17): 476-482. 1932.

20.317. *Manual of Hawaiian mosses ...* Honolulu, Hawaii (published by the Museum) 1933. Oct. (*Man. Hawaii. moss.*).

Publ.: Jun 1933 (date on t.p.), cover-t.p., p. [i*], i, [3]-275. *Copies*: MO, U. – Issued as B.P. Bishop Museum Bull. 110. 1933.

20.318. *Polynesian mosses ...* Honolulu, Hawaii (published by the [Bernice P. Bishop] Museum ... 1933. Oct. (*Polynes. moss.*).

Publ.: 15 Dec 1933 (date on cover-t.p.), [1, cover-t.p.], [3]-28. *Copy*: Gr-V(2). – Issued as B.P. Bishop Mus. Occ. Pap. 10(10). 1933.

20.319. *New and noteworthy mosses from Jamaica ...* Reprinted from *Journal of the Washington Academy of Sciences ...* 1936. Oct.

Publ.: 15 Jan 1936 (date on cover-t.p.), cover-t.p., p. [5]-16. *Copy*: Gr-V. – Reprinted and to be cited from *J. Washington Acad. Sci.* 26(1): 5-16. 1936.

20.320. *New mosses from Argentina ...* Stadt Olbersdorf (Im Selbstverlage des Herausgebers ...) 1936. Oct. (*New moss. Argentina*).

Publ.: Mar 1936 (imprint on p. [8]), p. [1]-7, [8], pl. 1-4. *Copy*: G. – Published in E. Bauer, *Musci europaei et americani exsiccati* Appendix ad seriem 46, p. [1]-7, [8], pl. 1-4. 1936.

20.321. *Contribution to the mosses of Fiji ...* Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum) 1936, Oct. (*Contr. moss. Fiji*).

Publ.: 20 Mar 1936 (date on t.p.), [t.p.=p. 1], [3]-30. *Copies*: Gr-V, U. – Issued as B.P. Bishop Museum Occ. Pap. 11(20). 1936.

20.322. *Bornean mosses*, principally from Mount Kinabalu ... Manila (Bureau of Printing) 1936. Oct.

Publ.: Oct 1936 (date on cover-t.p.), cover-t.p., p. 235-250, [251], *pl. 1* (uncol. drawing).
Copy: Gr-V. – Reprinted and to be cited from *Philipp. J. Sci.* 61(2): 235-251. 1936.

20.323. *S. Berggren's New Zealand mosses* ... Lund (Carl Bloms boktryckeri) 1937. Oct.

Senior author: Hugh Neville Dixon (1861-1944).

Publ.: 1937, cover-t.p., p. [63]-84. *Copy*: Gr-V. – Reprinted and to be cited from *Bot. Not.* 1937: 63-84, this issue is no. 28 of *Medd. Lunds Bot. Mus.*

20.324. *Mosses of the Solomon Islands* ... Reprinted from the *Bryologist* ... 1938. Oct.

Publ.: Dec 1938, [cover of reprint: *Contr. Lab. crypt. Bot. Farlow Herb.* 165], [127]-133. 1938. *Copy*: FAS. – Reprinted and to be cited from *Bryologist* 41: 127-133. 1938.

20.325. *Mosses of interior British Guiana* ... Separately printed, ... from *Bulletin of the Torrey Botanical Club* ... 1939. Oct.

Publ.: Apr 1939 (in journal), p. [221]-230. *Copies*: G, U. – Reprinted and to be cited from *Bull. Torrey bot. Club* 66: 221-230. 1939.

* **Bartram, John** (1699-1777), American pioneer botanist, bought a farm on the Schuylkill River at Kingsessing, Pa. 1728, laid out a botanical garden on the farm 1730, supplied plants and seeds to Peter Collinson thus introducing many new species into Europe, travelled and collected along the Schuylkill river 1736 and Blue Mts., Pa. (1735?), Virginia and Delaware 1737, travelled to Virginia and the Blue Ridge 1738, from 1742 professional collector of plant material of Pennsylvania and surroundings, liberal Quaker, disowned by the Friends 1757, travelled along the Ohio river and in W. Virginia 1761, appointed King's botanist 1765, in Florida (on his last trip) with his son William ca. 1765. (*J. Bartram*).

HERBARIUM and TYPES: See TL-2/1: 131. – See also B.D. Jackson (1922) for a reference to some herbarium specimens in LINN, see also d'Arcy for id. in MO (Bernardi herb.), for material at PH see J. Mears 1983.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 57; Barnhart 1: 133 (standard refs.); BB p. 22-23; BM 1: 105, 6: 62; Clokie p. 126-127; CSP 1: 486-488 (by W.J. Bell, Jr., b. 23 Mai 1699, Marpla, Pa., d. 22 Sep 1777, Kingsessing, Pa., gen. biogr.); Desmond p. 44 (many sources listed); DSB 1: 486-488; HU [index vol. 2]; IH 2: 58; Kew 1: 173; Lasègue p. 459; ME 1: 163, 3: 535, 724-725; PR p. 15, ed. 1: 529; TL-2/1: 131-132 and see indexes; Tucker 1: 61-62.

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* **Bartram, William** (1739-1823), American botanist and ornithologist, son of John Bartram, studied at the Academy of Philadelphia 1752-1756, apprentice with a merchant 1757-1761, had a trading store at Cape Fear, N. Carolina 1761-1765; to Florida 1765, 1771, in South Carolina, Georgia and Florida 1773-1777, from 1778 at Kingsessing Pa. at his father's farm, taking care of the garden, writing his *Travels* and devoting himself to botany and ornithology. (*W. Bartram*).

HERBARIUM and TYPES: see TL-2/1: 132. – Some further material at PH (fide J.A. Mears 1978 and in lit.).

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Bartsch, Eugen (1857-?), German (Cracow-born) botanist moved to Breslau (Wrocław) 1861, educated at the Realschule I. Ordnung "zum heiligen Geist", Breslau 1863-1877, studied botany at the University of Breslau, especially with F. Cohn, Dr. phil. Breslau 1882. (*E. Bartsch*).

HERBARIUM and TYPES: Unknown. – [The herbarium Bartsch at WRSL was made by Bartsch (first name unknown) (ca. 1818-1868), who published *Flora der Umgebung von Ohlau*, Progr. Ohlau 1859, 20 p., see e.g. D.F.L. v. Schlechtendal, Bot. Zeit. 17(38): 326. 1859].

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20.326. *Beiträge zur Anatomie und Entwicklung der Umbelliferenfrüchte ... I. Theil. Von der Blüthe bis zur Fruchtreife. Inaugural-Dissertation welche zur Erlangung der philosophischen Doctorwürde mit Zustimmung der hohen philosophischen Facultät der Universität Breslau Freitag, den 31. März 1882, ... Breslau (A. Neumann'sche Buchdruckerei (C. Ducius) [1882]. Oct. (Beitr. Anat. Entw. Umbell.-Fr.).*

Publ.: 31 Mar 1882 (date of defence thesis), p. [i, iii, v], [1]-42, [43, vita, 44, Thesen].

Copies: B, G.

Ref.: N.L., Bot. Zeit. 40: 576, 750. 25 Aug & 27 Oct 1882 (notes).

Bartusch, Hildegard (fl. 1931), German lichenologist, Dr. rer. techn. Technical University Dresden; student of the lichenologist F. Tobler. (*Bartusch*).

HERBARIUM and TYPES: Unknown.

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20.327. *Beiträge zur Kenntniss der Lebensgeschichte des Xanthoriapilzes. Von der Sächsischen Technischen Hochschule zu Dresden zur Erlangung der Würde eines Doktors der technischen Wissenschaften (doctor rerum technicarum) genehmigte Dissertation ... Berlin (Verlagsbuchhandlung Julius Springer) 1931. Oct. (Beitr. Lebensgesch. Xanthoriapilz).*

Publ.: 1931, p. [i-iii], [122]-157. 1931. *Copy*: B. – Reprinted and to be cited from Arch.

Mikrobiol. 3(1): 122-157. 1931.

Baruch, Maximilian Paul (fl. 1891-1909), German "Sanitätsrat" and botanist at Paderborn. (*Baruch*).

HERBARIUM and TYPES: PADB (1300).

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BIOFILE: Campbell, D.H., Biogr. Mem. Natl. Acad. Sci. 23: 127-147. 1945 (biogr., portr., bibl.).

20.328. *Flora von Paderborn. Unter Berücksichtigung benachbarter Florengebiete ... Verh. d. bot. Ver. 1908. Oct.*

Publ.: 1908, p. [1]-103. *Copy*: B. – Reprinted and to be cited from Verh. naturhist. Ver. preuss.

Rheinland Westf. und Reg. Bez. Osnabrück 65(1908): 1-103. 1909.

Note: *Ergänzungen und Nachträge zur Flora von Paderborn*, publ. in Jahresber. Westf.

Provinz.-Vereins für Wissensch. und Kunst 1913/1914. 52: 191-206. 1914.

* **Bary, [Heinrich] Anton de** (1831-1888), German botanist, "founder of modern mycology" (Ainsworth and Bisby), born and educated at Frankfurt a.M., final examination Gymnasium 1848, studied medicine at the Universities of Heidelberg (1849), Marburg (1849-1850), and Berlin (1850-1853), Dr. phil. Berlin 30 Mar 1849 with Alexander Braun, Ehrenberg and Johann Müller, examination medical practitioner in Frankfurt, practicing

briefly *ib.* 1853, *habil.* botanical private lecturer (“Privatdocent”) at Tübingen 28 Dec 1853 with Hugo Mohl, extraordinary professor at the University of Freiburg 1855-1859, full professor *ib.* 1859-1867, *id.* University of Halle, succeeding D.F.L. von Schlechtendal 1867-1872, *id.* University of Strassburg 1872-1888. (*de Bary*).

HERBARIUM and TYPES: BERN, BM (original, not located), according to a note in *Bot. Centrabl.* 41(9): 287. 1890 BM acquired a large set of preparations, not herbarium specimens). Some fruits and seeds from Mexico were given by *de Bary* to FR.

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20.331. *Ueber den geschlechtlichen Zeugungsprozess bei den Algen ...* Berichte über die Verhandlungen der Gesellschaft für Beförderung der Naturwissenschaften zu Freiburg i.B. ... 1856. Oct.

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20.332. *Ueber die Keimung der Lycopodien ...* [Ber. Verh. Ges. Beförderung Naturw. Freiburg] 1858. Oct.

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20.335. *Ueber die Entwicklung der Sphaeria typhina Pers. und Bail's "Mycologische Studien" ...* [Flora ... 1863]. Oct.

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20.337. *Beitrag zur Kenntniss der Chytridieen ...* [Ber. nat. Ges. Freiburg ... 1864]. Oct.

Junior author: Michael Stephanovitch Woronin (1838-1903), see TL-2/7: 455-457.

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- 20.348.** *Protomyces microsporus* und seine Verwandten ... [Botanische Zeitung ... 1874]. Oct.
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Publ.: 1877 (p. xi: 15 Jun 1877; *J. Bot.* Sep 1877), p. [iii-v], vi-xvi, [1]-663, [664]. *Copies*:
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- 20.354.** *Die Erscheinung der Symbiose*. Vortrag gehalten auf der Versammlung deutscher
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Basiner, Theodor Friedrich Julius (1817-1862), Esthonian (Livonian) botanist, studied natural sciences at the University of Dorpat, employed by the Imperial Botanical Garden St. Petersburg 1841, travelled in European and Asiatic Russia 1841-1843 (to Chiwa), curator of the Imperial Botanical Garden 1843, later librarian and secretary for foreign activities id.,

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agricultural inspector in Southern Russia 1849, curator of the Kiew Arboretum 1851-1862, travelled in Western Europe 1860, went to Vienna for health reasons 1862, Dr. phil. Königsberg 1848. (*Basiner*).

HERBARIUM and TYPES: LE.

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20.355. *Enumeratio monographica specierum generis Hedysari*. ... Petropoli (Ex scriptis Academiae Scientiarum Imperialis Petropolitanae) 1846. Qu. (*Enum. monogr. sp. Hedysari*).

Publ.: Jan-Jun 1846 (received by Börsenbl. deut. Buchh., Leipzig 2-4 Jul 1846), p. [i], [1]-53, pl. 1-2 (uncol. liths.). *Copies*: G, NY. – Preprinted from Mém. sav. étrang. Acad. sci. St. Pétersburg 6(1): 45-98. Apr 1851. – *Pl. 1* err. numbered 2.

Preliminary publ.: Bull. classe phys.-math. Acad. Sci. St. Petersburg 4: 308-315. 1845.

Baskerville, Thomas (1812-1840), British physician, member of the Royal College of Surgeons, London, M.R.C.S. 1835, practised in Canterbury. (*Baskerville*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 134 (b. 26 Apr 1812, d. 1840, London); BB p. 23; BM 1: 107; DNB 3: 369; Jackson p. 17; Kew 1: 174; PR 462, ed. 1: 534; Rehder 1: 251.

20.356. *Affinities of plants: with some progressive development*, ... London (Taylor and Walton, ...) 1839. Oct. (*Affin. pl.*).

Publ.: 1839 (Flora rd. 15 Apr 1840), frontisp. (has fig. 1-3, uncol. liths., scheme of taxonomic affinities), p. [i]-x, [1]-114, [116, err.]. *Copies*: B, G, MO, NY.

Basse, Éliane (fl. 1934), French botanist, collected plants on Madagascar, studied at the Université of Paris, Dr. ès sci. nat. 1934 at the Faculté des Sciences de Paris. (*Basse*).

HERBARIUM and TYPES: P, further material at MO.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 59.

20.357. Série A. No. 1513. No. d'ordre: 2379. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par Éliane Basse agrégée de l'Université. *Deuxième thèse*. 2. Thèse. – *Les groupements végétaux du Sud-Ouest de Madagascar*. 1-re thèse. – Étude géologique du Sud-Ouest de Madagascar. Soutenues le ... 1934, devant la Commission d'examen ... Paris (Masson et Cie, éditeurs ...) 1934. Oct. (*Groupem. Vég. S.O. Madagascar*).

Publ.: 1934, p. [i, iii, v], [95]-228, [229], 1 map, [231, première thèse]. *Copies*: L, MO. – Main text reprinted from Ann. Sci. nat., Bot. ser. 10. 16: 95-229. 1934.

* **Bassi, Ferdinando** (1710-1774), Italian botanist at Bologna, director of the Bologna botanical garden 1760-1774. (*Bassi*).

HERBARIUM and TYPES: BOLO. – Two specimens in herb. Steven, H (A. or F. Bassi?); further material in LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 371, 5(1): 164; Barnhart 1: 135; Dryander 3: 85, 316; Frank 3(Anh.): 8; IH 2: 59; KR p. 67; Lasègue p. 359; PR 463, ed. 1: 538; Quenstedt p. 24; Saccardo 1: 23, 2: 16; TL-2/1: 136-137; Zander ed. 10, p. 632, ed. 11, p. 718.

BIOFILE: Bianconi, G., Atti Soc. it. Sci. nat. 4: 244. 1862.

Formeris, G., Allionia 29: 113. 1989 (corr. with C.L. Bellardi).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 380. 1877.

Fries, Th.M., Bref Skrifv. Linné 1(3): 67. 1909.

Gras, A., Bull. Soc. bot. France 11: 71-87. 1864.

Haller, A. von, Bibl. bot. 1: 583. 1771, 2: 470. 1772.

Hulth, J.M., Bref Skrifv. Linné 2(1): 37, 38, 44, 46, 87, 226-240, 407. 1916.

Hulth, J.M. and A.M. Uggla, Bref Skrifv. Linné 2(2): 2, 3. 1943.

Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 12. 1922 (on dubious rôle of B. in sending Forsskål mat. to L).

Kukkonen, I., Herb. Christian Steven 27. 1971.

Mossetti, U., Webbia 44(1): 151-164. 1990 (cat. herb.).

Rothmaler, W., Fedde Repert. 53(1): 36. 1974.

Savage, S., Cat. Linn. Herb. xiii. 1945 (specimen handwr.).

Stieber, M.T. et al., Huntia 4(1): 75. 1981 (letter to Allioni in HU).

Vinassa de Regny, P.E., Boll. Soc. geol. Ital. 18: 491-500. 1899 (on fossils of B's *Tabella oryctographica*).

COMPOSITE WORKS: (1) *Alisma parnassifolium*, in Linnaeus, Syst. nat. ed. 12. 3: 230. 1767. (KR no. 1).

* **Bastard, Toussaint** (1784-1846), French physician and botanist, born at Chalonnnes-sur-Loire (2 Feb 1784), studied medicine in Paris, internal physician at the Hôtel-Dieu, Angers, director of the Jardin des Plantes d'Angers 1807-1816, in addition curator of the Musée d'Histoire naturelle, Angers, 1809, with Napoléon during the "cent jours", continued his medical studies in Paris 1816-1817, Dr. med. ib. 1817, established himself at Chalonnnes, practicing medicine 1817-1846, travelled widely in the Languedoc 1821. (*Bastard*).

HERBARIUM and TYPES: ANG (see Normand 1984), duplicates in MANCH, P, PH.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 115; Barnhart 1: 135 (b. 2 Feb 1784, Chalonnnes-sur-Loire, Anjou, d. 27 Jun 1846 ib.); BM 1: 108; CSP 1: 204, 6: 578; Frank 3(Anh.): 8; Hegi 6(1): 17; Hortus 3: 1188; IF suppl. 4: 313; IH 2: 59; Kew 1: 175; PR 464-466, ed. 1: 539-541; Rehder 1: 57, 407; TL-2/1: 137; Tucker 1: 62; Zander ed. 10, p. 632, ed. 11, p. 718.

BIOFILE: Anon., Bull. Soc. bot. France 22: lxxxvii. 1875 (on B's herb. at Angers).

Boreau, A., Notice hist. jard. plantes Angers 40-50, 55-58. 1851.

Candolle, Alph. de, Phytographie 394. 1880 (coll. at Angers).

Candolle A.P. de, Mém. souvenirs 172. 1862.

Fournier, E., in H.E. Baillon, Dict. bot. 1: 381. 1877.

Genevier, G., Mem. Soc. acad. Maine-et-Loire 14: [19 p., n.v.]. Angers 1863 (on *Rubus* from B's herb., fide Bull. Soc. bot. France 10: 528. 1864).

Harant, H. (ed.), Le voyage d'un médecin naturaliste en Languedoc 1821, ou le Journal de Toussaint Bastard, Ann. Soc. Hort. Hist. nat. Hérault 98/99: 148-161, 177-187. 1959, 100(1): 23-36, 100(2): 95-109, 100(3): 10-26. 1960, 101(1): 20-32, 101(2): 72-81, 101(3):

- 140-149, 101(4): 219-228. 1961. 102(1): 42-52. 1962, 103(4): 159-161. 1963 (biogr. note, portr. by Hebert), 112(1): 27-31, 112(3): 249-255, 112(4): 307-314. 1972, 113(1): 19-25, 113(2): 69-74, 113(3/4): 129-134. 1973.
- Mornand, J., Bull. Soc. mycol. France 100(1): lviii. 1984 (on fungi in B's herb. in ANG; notes on his herb. in general, 1200 "species", coll. now at Laboratoire de Biologie végétale de l'UCO).
- Souché, B., Flore du Haut Poitou, Niort 2: vii. 1901 (b. at Chalonnnes 20 Feb 1784).
- Tourlet, E.H., Bull. Soc. pharm Indre-et-Loire 1905: 13-17 (see also E. Malinvaud, Bull. Soc. bot. France 53: 329. 1906).

* **Baster, Job** (1711-1775), Dutch physician, born in Zierikzee (Zeeland), educated in Zierikzee and Rotterdam, studied medicine at Leiden 1728-1731, Dr. med. ib. 1731, continued his medical studies in Paris 1731-1732, also working with the herbaria of Tournefort and Vaillant, id. in London 1732, settled as practising physician in Zierikzee 1732. (*Baster*).

HERBARIUM and TYPES: LINN (a set of Java specimens given but not collected by him, sent to Linnaeus).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136; BB p. 23; BM 1: 108; Desmond p. 45; De Toni 1: x; Dryander 3: 21, 401, 557; IH 2: 59; JW 1: 184, 2: 341, 3: 341-342; Kew 4: 6 (sub Miller); Lasègue p. 357; NI 86 (and suppl.); NNBW 2: 163, 6: 74; PR 468-469, ed. 1: 542-543; Rehder 1: 261; SK 1: 40-41; TL-2/1: 137-138; Tucker 1: 62.

BIOFILE: Andreas, H., In en om een botanische tuin 119. 1966.

Bentham Jutting, W.S.S. van and C.M. van Hoorn, Arch. Zeeuws Genootsch. Wet. 1967: 29-70 (major study of life and work, extensive listing of secondary literature, bibl., b. 2 Apr 1711, Zierikzee, d. 6-7 Mar 1775; no portrait of B. known!).

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.79, 278.4. 1980 (mss.).

Engel, H., Bijdr. Dierkunde 27: 255-256. 1939; Basteria 6(1-2): 1-7. 1941 (on *Natuurk. uitspann.*, TL-2/340; variant with different plates).

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Henard, J.Th. and F.P. Koumans, Basteria 1(1): 6-12. 1936 (biogr.).

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Hulth, J.M. and A.H. Ugglä, Bref skrifv. Linné 2(2): 142, 143, 146, 183. 1943.

Jackson, B.D., Proc. Linn. Soc. 134 (suppl): 12. 1922 (coll. Javanese plants Java, 300 nos. in LINN).

Kreutzer, K.J., Das Herbar 168. 1864 (TL-2/3949).

Lütjeharms, W.J., Gesch. Mykol. xviii Jahrh. 184, 187-188. 1936.

Nagtglas, F., Job Baster, M.D., Middelburg 1875, p. 1-43; see also Levensberichten van Zeeuwen 1: 23-24. 1858.

Nissen, C., Zool. Buchill. 34 (nos. 248, 249). 1966.

20.358. *Verhandeling over de voortteeling der dieren en planten*, dienende tot verklaring van het kruidkundig samenstel van den Ridder Linnaeus; en uitbreiding der korte inleiding tot de kruidkunde van Philip Miller; geplaatst voor deszelfs maandelijke tuin-oeffeningen: briefsgewijze opgesteld ... Haarlem (Bij Jan Bosch) 1768. Oct. (*Verh. voortteel. dier. pl.*).

Publ.: 1768 (p. 107 dated 12 Mar 1768), p. [i-iv], 1-120, *pl.* 1-7 (uncol. copper engr.). *Copy*: L.

Bastian, Henry Charlton (1837-1915), British (Cornwall) physician and neurologist, adhered to the doctrine of abiogenesis (opponent of Pasteur), educated at University College, London, M.A. London 1861, M.B. 1866, Fellow Royal Society 1868, from 1887 professor of pathological anatomy at University College, sometime censor Roy. Coll. Physicians, London. (*Bastian*).

HERBARIUM and TYPES: some material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136; BB p. 23; BL 2: 232; BM 1: 108; Desmond p. 45 (b. 26 Apr 1837, Truro, Cornwall, d. 17 Nov 1915); Jackson p. 252; Kew 1: 174; LS 1908, 30.899-30.900; Rehder 1: 400; Stevenson p. 1235.

BIOFILE: Anon., *Torreyia* 15(12): 269. 1915 (brief notice of death); *Hedwigia* 58 (Beibl. 1): (87). 1916 (d. 17 Nov 1915 at Chesam Bois, Bucks.).

Bullock, W., *Hist. bacteriol.* 351. 1938 (further refs. to obits.).

Davey, F.H., *Fl. Cornwall* 1. 1909.

Deby, J., *Bibl. microsc. micrograph. Stud.* 3: 5. 1882.

Freeman, R.B., *Brit. nat. hist. books* 40. 1980 (mentions a *Flora of Falmouth* 1850 [?]).

Kent, D.H., *British herbaria* 42. 1957 (some herb. specim. from Falmouth at BM).

Prescott, G.W., *Bibl. Desmid. univ.* 41. 1984.

20.359. *The flora of Falmouth and surrounding Parishes ...* [Falmouth (Sold by R. Lake, ...) 1856]. Oct.

Publ.: 1856, p. [83]-112. *Copy*: NY. – Reprinted and to be cited from *Ann. Rep. Roy. Cornwall Polytechn. Soc.* 24: 83-112. 1854.

20.360. *The beginnings of life*: being some account of the nature, modes of origin and transformations of lower organisms ... London (Macmillan and Co.) 1872. Oct. (*Beginnings life*).

1: 1872 (p. xvi: 22 Mai 1872), p. [i]-xxxv, [1]-475.

2: 1872, p. [i]-ix, [xi], [1]-640, [i]-clv, [clvi].

Copy: U.

20.361. On some points in connexion with the ordinary development of *Vaucheria resting-spores ...* from the *Annals and Magazine of Natural History ...* 1903. Oct.

Publ.: Jul 1903 (in journal), p. [166]-174, *pl.* 14 (uncol. phot.). *Copies*: B, G. – Reprinted and to be cited from *Ann. Mag. nat. Hist., ser. 7.* 12: 166-174, *pl.* 14. 1903.

20.362. *On the relations between certain Diatoms and the fission-products of the parasitic alga (Chlorotrychium) ...* (from the *Annals and Magazine of natural History*) 1903. Oct.

Publ.: Jul 1903 (in journal), p. [175]-186, *pl.* 15 (uncol. phot.). *Copies*: B, G. – Reprinted and to be cited from *Ann. Mag. nat. Hist. ser. 7.* 12: 175-186, *pl.* 15. 1903.

Bastin, Edson Sewell (1843-1897), American botanist, Wisconsin born, on active service 1862-1865, with General Steele at Little Rock, at the University of Chicago 1865-1867, employed in a drug store while studying pharmacy, registrar of the University of Chicago 1874-1883, also teaching botany, professor of botany and microscopy at the Chicago College of Pharmacy 1883-1890, professor of materia medica and botany in the Northwestern University School of Pharmacy 1890-1894, id. in the Philadelphia College of Pharmacy 1894-1897. (*E.S. Bastin*).

HERBARIUM and TYPES: MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136; CSP 9: 138, 13: 338; IH 2: 59; Kew 1: 175; Morren ed. 10, p. 119; Rehder 1: 37, 92, 2: 19.

BIOFILE: Anon., *Bot. Not.* 1898: 45 (d.).

Bastin, E.S., *Bot. Centralbl.* 70(21-22): 303. 1897 (d.).

Harshberger, J.W., *Bot. Philadelphia* 330-335. 1899 (biogr. sketch, bibl. of 21 nos.; b. 29 Mai 1843, Azaukee County, Wisc., d. 6 Apr 1897, Philadelphia).

Trimble, H., *Amer. J. Pharm.* 69: 385-391. 1897 (obit.).

20.363. *Elements of botany*, including organography, vegetable histology, vegetable physiology, and vegetable taxonomy and a glossary of botanical terms ... Chicago (G.P. Engelhard & Company) 1887. Oct. (*Elem. bot.*).

Publ.: Mai-Jun 1887 (preface 22 Apr 1887; Bot. Gaz. Jul 1887, Bot. Centralbl. 8-12 Aug 1887, Bot. Zeit. 26 Aug 1887, Nat. Nov. Jul (1) 1887), p. [ii]-xv, [1]-282. *Copies*: MO, NY.

Ed. 2: 1889 (preface 19 Jan 1889), p. [i]-xv, [xvi], 1-451. *Copy*: MO. – “*College botany*, including ...” being a revised and enlarged edit. of the “*Elements of Botany*”.

Ed. 3 (“second revision”): 1893, p. [i]-xv, [xvi], [1]-451. *Copy*: MO. – *Elements of botany*, ... vegetable taxonomy, with a brief account of the succession of plants in geologic time, and a glossary of botanical terms. Second revision, ... Chicago (id.). 1893. Oct.

Ref.: Anon., Bot. Gaz 12(7): 169-170. Jul 1887 (rev.).

Möbius, M.A.J., Bot. Centralbl. 32(47): 225-226. 21-15 Nov 1887 (rev.).

20.364. *A contribution to the knowledge of some North American Coniferae* ... [Philadelphia 1897]. Oct.

Co-author: H. Trimble.

Publ.: Jan-Jul 1897 (as unidentified pamphlet), p. [i, iii], [1]-124, 2 unnumb. pl. *Copies*: MO, NY. – Reprinted and to be cited from Amer. J. Pharm. 68: 21-39. Jan, 65-79. Feb, 136-140. Mar, 199-210. Apr, 242-254. Mai, 321-337. Jun, 383-386. Jul, 409-422. Aug, 554-566. Oct, 642-648. Dec 1896, 69: 90-97. Feb, 354-359. Jul 1897.

Bastin, Joseph (1851-1939), Belgian (Malmédy-born) clergyman, abbé at Stavelot from 1894. (*J. Bastin*).

HERBARIUM and TYPES: Institut Saint Remacle, at Stavelot (in 1964).

BIBLIOGRAPHY and BIOGRAPHY: BL 39.

BIOFILE: Leloup, A., In memoriam l'Abbé Joseph Bastin et les sciences naturelles. Les Nouvelles de Malmédy 1964 (1 Aug), reprint 1964, 7 p. (portr., on his scientific work, few biogr. data).

20.365. *Les plantes dans le parler, l'histoire et les usages de la Wallonie malmédienne*. Collection “Nos Dialectes” no. 8. Liège (Imprimerie H. Vaillant-Carmanne, S.A. ...) 1939. Oct. (*Pl. Wallonie malméd.*).

Publ.: 1939, cover-t.p., p. [1]-257, map. *Copy*: BR.

Bastow, Richard Austin (1839-1920), British (Scottish) architect and botanist, architectural draughtsman, went to Tasmania as such in 1884, later living in Victoria, Australia, in St. Kilda nr. Melbourne. (*Bastow*).

HERBARIUM and TYPES: MEL, further material in DBN. – Notebooks at MEL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136; BB p. 23; CSP 13: 338; Dawson p. 45 (b. 14 Mai 1839, Edinburgh, d. 14 Mai 1920, St. Kilda., Vict., Australia); GR p. 389; IH 2: 59; Kew 1: 175; LS 1918; LS suppl. 1888; SBC p. 115.

BIOFILE: Carr, D.J. and S.G.M. (eds.), People and plants in Australia 169. 1981.

Mozley, M., Guide mss. records Austral. sci. 14. 1966 (8 notebooks at MEL).

Willis, J.H., Vict. Naturalist 66: 106. 1949 (brief note; portr.).

20.366. *Notes on the lichen-flora of Victoria* ... Reprinted from the “*Victorian Naturalist*” ... 1914. Oct.

Publ.: 5 Feb 1914 (date on cover-t.p. reprint), cover-t.p., p. 175-189, pl. 9 (uncol. drawings auct.). *Copies*: G(2), L(2). – Reprinted and to be cited from Victorian Naturalist 30(10): 175-189, pl. 9. 1914.

20.367. *Victorian Hepaticae* ... Reprinted from the "Victorian Naturalist", ... 1914. Oct.
Publ.: 10 Sep 1914 (date on t.p. reprint), cover-t.p., p. 74-81, *pl.* 2 (uncol. drawing auct.).
Copies: G(2). – Reprinted and to be cited from *Victorian Naturalist* 31(5): 74-81. 1914.

* **Bataille, Frédéric** (1850-1946), French highschool teacher and mycologist born at Mandeuve (Doubs), nr. Besançon, teacher's training at the "École modèle" of Montbéliard; highschool teacher in Paris (Lycée de Vauves) until 1908; in retirement at Besançon, dedicating himself to the mycology of the Pays de Montbéliard. (*Bataille*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136 (b. 17 Jul 1850); BM 6: 63, 64; Kew 1: 175; LS 1919-1922, 21.538, 30.901-30.914; LS suppl. 1892-1911; Stevenson p. 1235; TL-2/1: 138, see also indexes.

BIOFILE: Becker, G., *Bull. Soc. mycol. France* 66(4): 173-176. 1950 (obit., portr., general evaluation of his mycological work).

Garnier, G., *Bull. Soc. mycol. France* 100(2): cv-cviii. 1984 (brief biogr. sketch, portr., handwriting, list of main publ.).

COMPOSITE WORKS: With L. Quélet, *Fl. Amanit. Lèpiot.* 1902, see TL-2/8419.

NOTE: Bataille's *Les réactions macrochimiques chez les Champignons* suivies d'indications sur la morphologie des spores, Paris 1948, was reprinted in facsimile as *Bibliotheca Mycologica* (ed. J. Cramer) 25. 1969, ISBN 3-7682-0654-8.

20.368. *Flore monographique des Astérosporées. Lactaires et Russules* ... Besançon (En vente chez l'auteur ...) 1908. Oct.

Publ.: Jan-Apr 1908 (copy G rd. at herb. Boissier, Genève 19 Mai 1908; *Hedwigia* 28 Nov 1908), cover-t.p., p. [1]-100. *Copies*: G, L. – Reprinted and to be cited from *Mém. Soc. Émul. Doubs ser. 8. 2*: 163-260. 1907 [i.e. 1908].

Ref.: Vuillemin, P., *Bot. Centralbl.* 108(39): 330-334. 29 Sep 1908 (rev.).

20.369. *Les Bolets. Classification et détermination des espèces* ... (En vente chez l'auteur Besançon ...). 1908. Oct. (*Bolets*).

Publ.: 1908, cover, p. [1]-30. *Copies*: G, L. – Reprinted and to be cited from *Bull. Soc. Hist. nat. Doubs* 15: 8-10. Jan, 23-50. Apr 1908.

Reprint: 1923, p. [1]-30. *Copy*: G. – "Deuxième tirage", Paris (Paul Lechevalier). 1923.

20.370. *Flore monographique des Hygrophores* ... Besançon (En vente chez l'auteur ...) 1910. Oct.

Publ.: 1910, cover-t.p., p. [1]-65. *Copies*: G, L. – Reprinted and to be cited from *Mém. Soc. Émul. Doubs ser. 8. 4*: 129-191. 1910.

20.371. *Flore analytique des Inocybes d'Europe* ... Besançon (En vente chez l'auteur ...) 1910. Oct.

Publ.: 1910 (read 20 Dec 1909; *Bot. Centralbl.* 27 Sep 1910), p. [1]-27, [28]. *Copies*: G, L. – Reprinted and to be cited from *Bull. Soc. Hist. nat. Doubs* 18: 1-27. 1910.

20.372. *Flore analytique des Morilles et des Helvelles* ... Besançon (En vente chez l'auteur). 1911. Oct. (*Fl. anal. Morilles*).

Publ.: 1911, cover-t.p., p. [1, half title], [3, t.p.], [5]-44. *Copies*: G, L. – LS suppl. 1894. Independent pamphlet.

Ref.: Vuillemin, P., *Bot. Centralbl.* 119(6): 145-146. 6 Feb 1912 (rev.).

20.373. *Flore monographique des Cortinaires d'Europe* ... Besançon (Typographie et Lithographie Dodivers ...) 1911. Oct. (*Fl. monogr. Cortinaires*).

Publ.: 1912 (t.p. 1911, but R. Ciferri, in LS suppl. 1, no. 1890, cites actual date of publ. 1912), cover-t.p., err. sheet, p. [1, h.t.], [3, title]-112. *Copies*: L, NY. – Issued as Soc. Hist. nat. Doubs, Mém. no. 22. 1911 [1912].

20.374. *Flore monographique des Marasmes d'Europe ...* Besançon (En vente chez l'auteur ...) 1919. Oct.

Publ.: 1919, p. [1]-38, [40]. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Hist. nat. Doubs 30: 54-89. 1918 [1919].

20.375. Contribution à la flore mycologique d'Europe. *Flore analytique et descriptive des Tubéroïdées de l'Europe* et de l'Afrique du Nord ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1922. Oct.

Publ.: 15 Mar 1922 (in journal), cover-t.p., p. [1]-53, [54, imprint]. *Copies*: B, L. – Reprinted and to be cited from Bull. Soc. mycol. France 37(4): 155-207. 1922.

20.376. Contribution à la flore mycologique d'Europe. *Flore analytique et descriptive des Hyménogastracées* d'Europe ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume) 1923. Oct.

Publ.: 15 Oct 1923 (in journal), cover, p. [1]-40. *Copies*: B, G, L. – Reprinted and to be cited from Bull. Soc. mycol. France 39(3): 157-196. 1923.

Batalin, Alexander Feodorowicz (1847-1896), Russian botanist, educated at St. Petersburg Gymnasium, studied at the University of St. Petersburg 1865-1869, curator of the St. Petersburg Botanical Garden 1870; first botanist 1877, director 1892, professor of botany at the Medical Military Academy 1884-1893; originally working on plant physiology, from 1892 fully dedicating himself to plant systematics. (*Batal.*).

HERBARIUM and TYPES: LE. – Further material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136 (d. 1 Oct 1896, St. Petersburg); Bret. p. 2: 1075-1076; CSP 7: 97, 9: 138, 13: 339; De Toni 1: x; Hortus 3: 1188; IH 2: 59; Kew 1: 175; Lipschitz 1: 129-132; LS 1923; Moebius p. 293, 326; Morren ed. 2, p. 30, ed. 10, p. 95; MW p. 33; Rehder 1: 459; TL-2/see indexes; TR 59-60***; Tucker 1: 62; Zander ed. 10, p. 632, ed. 11, p. 718.

BIOFILE: Anon., Bot. Centralbl. 50(21): 255. 17 Mai 1892 (appt. director Bot. Gard. St. Petersburg); Ber. deut. bot. Ges. 14: (108). 1896 (d. 16 [Russian date 1] Oct 1896; Bot. Monatschr. 15(2): 60. 1897 (d.); Leopoldina 33: 48. 1897 (d. 15 Oct 1896).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 412. 1983 (letters to Keck at UPS-UB).

Lipschitz, S.U. and I.T. Vasilczenko, Herbarium centrale URSS: 90. 1968 (handwriting).

Reynolds Green, J., Hist. bot. 508. 1909.

Stieber, M.T. et al., Huntia 4(1): 44. 1981 (letter to I. Urban on L. Riedel's travels).

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Publ.: 1878, p. [1]-6. *Copy*: U. – Reprinted and to be cited from Acta Horti Petropolitani 2: 489-494. 1878.

20.378. *Notae de plantis asiaticis ...* [Acta Horti Petropolitani 1891-1896]. Oct.

1: 1891, p. i-xiii, publ. as Acta Horti Petropolitani 11(2), no. 16: 479-494. 1891.

2: 1892, p. xiv-xxvii, id. 12(1), no. 6: 161-178. 1892.

3: 1893, p. xxviii-xxlviii, id. 13(1), no. 7: 89-106. 1893.

4: 1894, p. xlix-lxxi, id. 13(2), no. 18: 369-386. 1894.
 5: 1895, p. lxxii-lxxxix, id. 14(1), no. 8: 165-184. 1895.
 6: 1896, p. xc-xcv, id. 14(2), no. 11: 317-323. 1896.
Copies: G (in journal).

Batchelder, Frederick William (1838-1911), American (New Hampshire born) physician, musician, ornithologist and botanist, studied at the Boston Latin School and at the medical school of Harvard, settled at Manchester, N.H. (*Batchelder*).

HERBARIUM and TYPES: NEBC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 136 (b. 25 Oct 1838, Pelham (N.H.), d. 11 Oct 1911, Manchester (N.H.)); BL 1: 197; IH 2: 59; Tucker 1: 62.

BIOFILE: Owen, M.L., *Rhodora* 14: 41-45. 1912 (obit.).

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Publ.: 1900, p. [i, t.p., verso of p. 65], [65]-111. *Copy*: NY. – Published and to be cited from *Proc. Manchester Inst.* 1 (1899): 65-111. 1900.

Revised and enlarged ed.: 1909, p. [1]-59. *Copy*: NY. – Published and to be cited from *Id.* 4: 1-59. 1909.

* **Bateman, James** (1811-1897), British horticulturist and orchidologist, born at Redivals, Bury, Lancashire, studied at Magdelene College of the University of Oxford, B.A. 1834, M.A. 1845, Fellow of the Royal Society 1838, set up a garden at Knypersley Hall, sent J. Colley to Demerara (former Brit. Guiana) to collect living orchids, from 1860 residing in Kensington, later at Worthing, Sussex. (*Bateman*).

HERBARIUM and TYPES: K, further material at W. – 7 drawings by Augusta Withers (for *The Orchidaceae*) at RHS, London.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 137; BB 23; BM 1: 109; Bossert p. 28; CSP 1: 206, 6: 579; Desmond p. 45-46 (b. 18 Jul 1811, d. 27 Nov 1897); DNB suppl 1: 137-138; *Hortus* 3: 1188; IH 2: 59; Jackson see index; Kew 1: 176; Langman p. 117; Lasègue p. 527-528; Morren ed. 10, p. 72; NI 87-89; PR 470-472, ed. 1: 549; Rehder 3: 491; TL-1: 17; TL-2/1: 138-139 (main treatment); Tucker 1: 62; Zander ed. 10, p. 632, ed. 11, p. 718.

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Rix, M., *The art of the botanist* 178, 182, 210, 211. 1981.

Yearsley, G.V., *Orchid Rev.* 85(1013): 333-335. 1977; *Orchid Digest* 46(4): 150-151. 1982 (portr.).

Bates, Henry Walter (1825-1892), British entomologist, botanist and natural history explorer, educated at Billesden nr. Leicester, apprentice to a hosiery manufacturer in Leicester 1838; became acquainted with A.R. Wallace ca. 1844, with Wallace to the Amazon region 1848, exploring and collecting until 1859, worked on his collection 1859-1864, assistant secretary of the Royal Geographical Society of London 1864-1892, mainly working on entomology. (*Bates*).

HERBARIUM and TYPES: Some orchids in the Reichenbach fil. herbarium in W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 137; BB p. 24; BM 1: 109; Desmond p. 46 (b. 8 Feb 1825, Leicester, d. 16 Feb 1892, London); DNB suppl. 1.1: 141-144; DSB 1: 500-504 (H.L. McKinney, main biogr.); Ewan ed. 1: 107; IH 2: 59; Kew 1: 176; ME 3: 297; PR 473; Rehder 1: 342; Tucker 1: 62.

BIOFILE: A.R.W., *Nature* 45(1165): 398-399. 25 Feb 1892 (obit., d. 16 Feb 1892).

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Ed. 1: 1863 (preface vol. 1: Jan 1863). *Copies:* G, MO, NY, U, Wurdack.

1: 1863, frontisp., p. [i, iii], iv-viii, [ix], [1]-351, map, 17 unnumb. pl.

2: 1863, frontisp., p. [i, iii], iv-vi, [1]-423, 22 unnumb. pl. (incl. text ills.).

German translation: 1866, p. [i, iii, v], vi, [vii], folded map, [1]-416, 7 unnumb. pl. *Copy:* Smithsonian Institution. – *Der Naturforscher am Amazonenstrom*. Leben der Thiere, Sitten und Gebräuche der Bewohner, Schilderungen der Natur unter dem Aequator und Abenteuer während eines elfjährigen Aufenthalts ... Leipzig (Dyk'sche Buchhandlung) 1866. Oct. (*Naturf. Amaz.-Strom*).

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Bates, John Mallory (1846-1930), American episcopal clergyman, botanist and ornithologist. Trinity College Hartford A.B. 1872, A.M. 1875, graduated at Berkeley Divinity School, Middletown, Conn. 1875; principal highschool Middletown 1873-1874; clergyman from

1876, chaplain and head master Bethany College, Topeka Kansas 1883-1886, later in Nebraska, collecting there ca. 1890-1916. (*J.M. Bates*).

HERBARIUM and TYPES: CUP, E, F, HH, ILC, ISC, L, MIN, MO, NEB, NY, PUR, RM, WYO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 137 (b. 3 Jan 1846, Wallingford, Conn., d. 25 Mai 1930, Red Cloud, Neb.); Ewan ed. 1: 158, ed. 2: 13; IH 2: 59; Kew 1: 176; LS 1924-1926, see also vol. 3: 2; Tucker 1: 62.

BIOFILE: Anon., Amer. men sci. ed. 1. 20. 1906.

Palmer, T.S., Auk 48: 162-163. 1931.

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Publ.: Apr 1914 (in journal), cover-t.p., p. 145-165. *Copy*: L. – Reprinted and to be cited from Univ. Stud. Lincoln Nebr. 14(2): 145-165. 1914.

Batka, Johann Baptista (fl. 1823-1872), Czech business-man (with the Wenzel Batka firm) and amateur botanist at Praha. (*Batka*).

HERBARIUM and TYPES: Unknown.

NOTE: Wenzel Batka, fl. 1835, published *Lauri malabathri Lamarckii adumbratio*, Vratislaviae [Breslau]. 1835, reprinted (n.v.) from Nova Acta Leopoldina 17: 615-622. 1835.

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Publ.: Jan 1866 (Bot. Zeit. 16 Feb 1866), p. [i], [1]-52, *pl. 1-5* (uncol. liths.), col. map. *Copies*: B, G, L, MO, NY.

Ref.: Anon., Bull. Soc. bot. France 13(Bibl.): 116-117. Jul 1866 (rev.).

Bates, John Mallory (1846-1930), American episcopal clergyman, botanist and ornithologist, Trinity College Hartford A.B. 1872, A.M. 1875, graduated at Berkeley Divinity School, Middletown, Conn. 1875; principal highschool Middletown 1873-1874; clergyman from 1876, chaplain and head master Bethany College, Topeka Kansas 1883-1886, later in Nebraska, collecting there ca. 1890-1916. (*J.M. Bates*).

HERBARIUM and TYPES: CUP, E, F, HH, ILC, ISC, L, MIN, MO, NEB, NY, PUR, RM, WYO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 137 (b. 3 Jan 1846, Wallingford, Conn., d. 25 Mai 1930, Red Cloud, Neb.); Ewan ed. 1: 158, ed. 2: 13; IH 2: 59; Kew 1: 176; LS 1924-1926, see also vol. 3: 2; Tucker 1: 62.

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Batka, Johann Baptista (fl. 1823-1872), Czech business-man (with the Wenzel Batka firm) and amateur botanist at Praha. (*Batka*).

HERBARIUM and TYPES: Unknown.

NOTE: Wenzel Batka, fl. 1835, published *Lauri malabathri Lamarckii adumbratio*, Vratislaviae [Breslau], 1835, reprinted (n.v.) from Nova Acta Leopoldina 17: 615-622. 1835.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 138; BM 1: 110; Kew 1: 178; Klásterský [not mentioned, sic]; PR 474; Tucker 1: 62-63.

20.382. *Monographie der Cassien Gruppe Senna*. Festabhandlung, gewidmet der Feier des Hundertjährigen Jubiläums des Handelshauses Wenzel Batka in Prag ... Prag (Verlag von Friedrich Tempský) 1866. Qu. (*Monogr. Cass. Gruppe Senna*).

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Ref.: Anon., Bull. Soc. bot. France 13(Bibl.): 116-117. Jul 1866 (rev.).

* **Batsch, August Johann Georg Carl [Karl]** (1761-1802), German botanist at Jena, studied at the University of Jena, Dr. phil. 1781, spent some time in Jena, Weimar, and Köstritz studying mainly botany, Dr. med. and e.o. professor of natural history 1786, professor of medicine 1787, ordinary professor of philosophy 1792, prolific author, especially on systematic botany, in contact with Goethe (morphology). (*Batsch*).

HERBARIUM and TYPES: JE (see TL-2/1: 140 and IH 2: 60), LE (see Herder 1893).

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 132-133 (by Jessen, biogr. details, evaluation); Ainsworth p. 226, 254, 255, 257, 312; Barnhart 1: 138 (b. 28 Oct 1761, Jena, d. 29 Sep 1802, Jena); BM 1: 110, 6: 65; Dawson p. 39; Dryander 3: 13, 24, 33, 224, 387; Frank 3(Anh.): 8; GR p. 4; GR, cat. p. 60; Hortus 3: 1188; IH 2: 60; Jackson p. 519 (index); Kew 1: 178; KR p. 67; Krempelh. 2: 5; LS 1927; Moebius p. 52, 412; NDB 1: 628-629 (b. 23 Oct 1761, d. 29 Sep 1802; further biogr. refs.); NI 90-93; Plesch p. 135; PR 475-488, ed. 1: 550-564; Quenstedt p. 24; Rehder 5(index): 55; SBC p. 115; SO 754a; Stevenson p. 1235; TL-1: 17; TL-2/1: 140-141 and see indexes; Tucker 1: 63; Zander ed. 10, p. 632, ed. 11, p. 718.

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I: 1793 (preface 21 Sep 1792), p. [i,iii], iv-xiv, [xv-xvi], [1]-334.

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Publ.: 1794, p. [i-iv], [1]-136. *Copies*: B-S, G, NY.

20.385. A.J.G.C. Batsch Professors zu Jena *Umriss der gesammten Naturgeschichte* ein Auszug aus den frühern Handbüchern des Verfassers für seine Vorlesungen. Jena und Leipzig (bei Christian Ernst Gabler) 1796. Oct. (*Umriss gesammt. Naturgesch.*).

Publ.: 1796, p. [i, iii, v], vi-viii, [ix-xvi], [1]-288 [animals], [1]-134, [135], 136-160 [botany],

32 unnumb. p. "Register". *Copy*: U.

20.386. *Botanik für Frauenzimmer* und Pflanzenliebhaber welche keine Gelehrten sind ... Weimar (im Verlage des Industrie Comptoirs) 1795. Oct. (*Bot. Frauenzim.*).

Ed. 1: 1795, p. [i-iii], iv-viii, [1]-184, *pl. 1-4* (folding plates, col.). *Copy*: NY.

Ed. 2: 1798, p. [i]-xiv, [1]-194, *pl. 1-4* (id.), n.v., fide PR 484.

Ed. 3: Sep-Oct 1804 (publ. Michaelmesse 1804), p. [i]-xiv, [1]-194, *pl. 1-3*. *Copy*: B.

Ed. 4: 1818, n.v., fide H. Harms, *Verh. Bot. Ver. Prov. Brandenburg* 64: 190-191. 1922 (announcement of its existence only).

French translation: 22 Sep 1798 – 16 Sep 1799 ("an vii" on t.p.), cover, p. [i]-xvi, [1]-198, *pl. 1-4* (id.). *Copies*: G, NY, U. – *Botanique pour les femmes et les amateurs des plantes* ... ouvrage allemand, mis en français, et augmenté de notes et d'autres additions, par J.Fr. B***** [Bourgoing] ... Paris et Strasbourg (Chez Treuttel et Würtz, ...) an vii de la République française. Oct. (*Bot. femmes*).

French translation, other issue: 1799 (on t.p.) p. [i]-xvi, [1]-198, *pl. 1-4* (id.). *Copies*: B-S, MO, NY. – Weimar issue: *Botanique pour les femmes* ... Weimar, et se trouve à Paris et à Strasbourg (Chez Treuttel et Würtz, ...) 1799. (*Bot. femmes*).

Note on translator: Jean-François Bourgoing, fide M. Guédès, *J. Soc. Bibl. nat. Hist.* 5(2): 115-115. 1969, q.v. for further details.

Swedish translation [of ed. 3]: 1810, p. [i-vi], [1]-139, 4 *pl.* (id.). *Copy*: NY. – *Botanik för Fruntimmer* ... öfversatt efter Hedje Tycha upplagan ... Örebro (Tryckt hos Nils Magnus Lindh) 1810. Oct.

Swedish translation ed. 2: 1835, fide KR 1 (p. 67), N.M. Lindhs boktr. (n.v.).

Danish translation: 1801, fide PR 484 (ed. 1: 560).

General note: see *Der geöffnete Blumengarten* 1798, a follow-up of the *Bot. Frauenzim.*

20.387. *Der geöffnete Blumengarten* theils nach dem Englischen von Curtis Botanical Magazine, neu bearbeitet, theils mit neuen Originalien bereichert und zur Erläuterung der Frauenzimmer-Botanik für Pflanzenliebhaber welche keine Gelehrten sind herausgegeben von ... Weimar (im Verlage des Industrie-Comptoirs) 1798. Oct. (*Geöffn. Blumengart.*).

Ed. 1: 1798, p. [i]-vi, 100 *pl.* (col., numbered i-c) with accompanying text. *Copy*: NY.

Ed. 2: 1802, p. [i]-vi, [1, french t.p.]-vi, [iii], iv-x [sic], 100 *pl.* (col., i-c), with accompanying text, [i*-viii*]. *Copy*: NY.

20.388. *Beyträge und Entwürfe zur pragmatischen Geschichte der drey Natur-Reiche nach ihren Verwandtschaften ... Gewächsreich.* Erster Theil. Gewächse mit fünfblättrigen Blumen ... Weimar (im Verlage des Industrie Comptoirs) 1801. Qu. (*Beytr. Entw. Gewächsreich*).

I(1): 19 Apr 1801 (Allg. Lit.-Zeit. 1801: Intell. 1098, 1801), Erste Lieferung: p. [i-iv], [1]-96.

Copy: WU. – Only fascicle published, publication interrupted by the author's death.

* **Battandier, Jules-Aimé** (1848-1922), French botanist, pharmacologist and explorer of Algeria, studied at the Lycée de Tournon, later studying pharmacy at Lyon (pharmacie Guillaiermond) during three years, on active service 1870-1872, continued his pharmaceutical studies in Paris 1872-1874, professional pharmacist 1874, practicing in Douai 1874, chief pharmacist at Mustapha (Algeria) 1875, started botanizing with Louis Trabut from 1875-1920, professor of pharmacy at the medical and pharmaceutical school in Algiers, collected widely in Algeria and Tunisia 1876-1887, between 1887 and 1906 continuing the botanical exploration of that region, from then on making brief trips and publishing additions to his inventories of Algerian phanerogams. (*Battand.*).

HERBARIUM and TYPES: AL and MPU, further material in A, B, G, GE, GOET, HH, L, LY, MO, MPU (impt. set), P, PH, PRC, TO, WRSL. – See IH 2: 60.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 513, 7: 68; Barnhart 1: 138 (b. 8 Jan 1848, Annonay, Ardèche, d. 18 Sep 1922, Alger); BL 1: 17; BM 1: 110, 6: 65; Bossert p. 28; CSP 9: 140, 12: 55, 13: 343-344; DBF 5: 815-816; Hegi 5(1): 593; Hortus 3: 1188; IH 2: 60; Jackson p. 348; Kew 1: 178-179; Morren ed. 10, p. 12; NI 94; Rehder 5(index): 55; TL-1: 17-19; TL-2/1: 141-143, and see indexes; Tucker 1: 63, 765; Zander ed. 10, p. 632, ed. 11, p. 718.

BIOFILE: Anon., Bot. Centralbl. 1/2(25): 766. 1880 (apptd. "Professeur de matière médicale", Ecole sup. méd. Alger).

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Lecomte, H., C.R. Acad. Sci. Paris 175: 505-506. 1922 (not. nécr.).

Maire, R. and L. Trabut, Bull. Soc. bot. France 70: 106-117. 1923 (obit., bibl., b. 8 Jan 1848, Annonay, Ardèche, d. 18 Sep 1922, Algeria, our heading mainly based on this obit.); id., Bull. Soc. Hist. nat. Afr. nord 13: 237. 1922 (d.), 14: 47-58. 1923; Progr. Connaiss. Bot. Algérie 137-145, pl. 8 (portr. with Jahandiez, Maire and Trabut). 1931.

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Wagenitz, G., Index coll. princ. herb. Gotting. 18. 1982.

Wittrock, V.B., Acta Horti Berg. 3(3): 63, 95, pl. 137. 1905.

20.389. *Contributions à la florule des environs d'Alger ... Supplément au catalogue de Munby (première série) ...* Alger (Typographie Victor Ailland et Compagnie) 1878. Oct. (*Contr. Alg.*). *Co-author*: Louis Charles Trabut (1853-1929), TL-2/6: 421-424.

Publ.: 1878, p. [i, iii], [1]-35. *Copies*: G, HH. – Supplement to Giles Munby (1813-1876), *Cat. pl. Algeria* ed. 2. 1866, see TL-2/6543. – The *Contr. fl. Alg.* was also treated under Trabut, TL-2/14.805.

20.390. *Sur quelques cas d'hétéromorphisme ...* Extrait du Bulletin de la Société botanique de France ... 1883.

Publ.: Oct (sero) 1883 (read 27 Jul 1883, publ. in fasc. 4 of journal vol. Oct (sero) 1883), p. [238]-244, 1 pl. (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 30(4): 238-244, pl. 3 (sic., numbered in journal). 1883.

20.391. *Quelques mots sur les causes de la localisation des espèces d'une région ...* Extrait du Bulletin de la Société botanique de France ... 1887. Oct.

Publ.: 1 Sep 1887 (read 13 Mai 1887; publ. in fasc. 4: 1 Sep 1887), p. [189]-195. *Copy*: B.
– Reprinted and to be cited from Bull. Soc. bot. France 34(4): 189-195. 1887.

20.392. *Notes critiques sur quelques espèces méditerranéennes ...* Association française pour l'avancement des sciences ... [Paris (au Secrétariat de l'Association ...) 1887]. Oct.

Publ.: Oct-Dec 1887 (read 24 Sep 1887), cover [date, imprint], p. [1]-6, *pl.* 18. *Copy*: B. – Reprinted and to be cited from Ass. franç. Avancem. Sci. 1887: 567-572, *pl.* 18. 1887.

20.392A. *Algérie. Plantes médicinales essences et parfums ...* Alger (Giralt, Imprimeur du Gouvernement général ...) 1889. Oct. (*Algérie, Pl. méd.*).

Co-author: Louis [Charles] Trabut (1863-1929), see TL-2/6: 421-424.

Publ.: 1889, p. [1]-39, [40]. *Copy*: NY.

20.393. *Note sur une Saxifrage nouvelle de la Section Cymbalia Grisebach trouvée dans le massif des Babors (Algérie) ...* Bulletin de l'Herbier Boissier ... 1893. Oct.

Publ.: Nov 1893 (in journal), p. [1]-2. *Copy*: U. – Issued and to be cited from Bull. Herb. Boissier 1(11): 549-550. 1893.

20.394. *Le milieu agent modificateur des espèces ...* Supplément au Bulletin de la Société d'Histoire naturelle de L'Afrique du Nord ... 1914. Oct.

Publ.: 15 Feb 1914 (date on cover-t.p.), cover-t.p., p. 32-36, [i, imprint]. *Copy*: B. – Reprinted and to be cited from Suppl. Bull. Soc. Hist. nat. Afr. Nord 2: 32-36. 1914.

* **Battarra, [Giovanni] Antonio** (1714-1789), Italian clergyman, physician and mycologist ordained 1738, professor of philosophy at the seminary of Savignano di Romagna 1741, id. Rimini 1748-1754; botanically active 1754-1757, again professor of philosophy from 1757. (*Battarra*).

HERBARIUM and TYPES: PAD (some fungi).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 56, 183, 225, 311; Barnhart 1: 139 (b. 9 Jun 1714, Rimini, d. 1 Nov 1789, Rimini); BM 1: 110; Bossert p. 28; Dryander 3: 226; Hawksworth p. 181; IH 2: 60; Kew 1: 179; LS 1930; NI 95; PR 490-491, ed. 1: 566; Saccardo 1: 24, 2: 16; Stevenson p. 1235; TL-1: 19; TL-2/1: 143-144.

BIOFILE: Fournier, E., in H.E. Baillon, Dict. bot. 1: 385. 1877.

Jourdan, A.J.L., Dict. Sci. méd., Biogr. méd. 2: 37. 1820.

Lütjeharms, W.J., Gesch. mykol. xviii. Jahrh. 253 [index]. 1936.

Margadant, W.D., in G.H.M. Lawrence, ed., Adanson 1: 268, 282. 1963.

Wittrock, V.B., Acta Horti Berg. 3(2): 16a. 1903, 3(3): 175. 1905 (portr.).

Zicàri, I., Dizionario biogr. Italiani 235-237. [s.d.].

20.395. *Johannis Ant: Battarrae ariminensis philosophio professoris Epistola selectus de re naturali observationes complectens accessere ex historia naturali curiosa nonnulla et tabulae elegantes ... Arimini [Rimini] (Ectypa Albertiana ...) 1774. Qu. (Epistola).*

Publ.: 1774, p. [i]-xvii, [xviii-xix blank, xx], [1]-25 [27, err.], *pl.* 1-4. *Copy*: NY.

Batten, Lily (1893-1981), British botanist, mainly algologist, educated at Colston's Girl's School, Bristol, studied botany at the University of Bristol 1914-1917, B.Sci. ib. 1917, M.Sci. 1918, Ph.D. 1922, assistant lecturer in botany at Bristol University 1919-1920, lecturer in botany at Birbeck College, University of London 1920-1921, research worker at Imperial College, London 1923-1925, married W.F.C. Newton 1925, research worker John Innes Horticultural Institute 1927-1928, lecturer in botany University College of Wales, Aberystwyth 1928, professor of botany ib. 1930-1958, professor emeritus 1959 (*L. Batten*, from 1925 *L. Newton*).

HERBARIUM and TYPES: Unknown.

NOTE: Lily Batten published 5 papers before her marriage, from 1925 she published as Lily Newton (15 publ.), see TL-2/3: 739.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 139 (Batten), 3: 1 (Newton); BM 7: 921; GR p. 408; Kew 4: 139; LS 1925; Plesch p. 348; TL-2/6780 (Newton).

BIOFILE: Arber, A., Water-plants 188, 353. 1920.

Hawksworth, D.L. and M.R.D. Seaward, Lichenology Brit. Isl. 56. 1977.

Jones, G., Brit. phycol. J. 17: 1-4. 1 Mar 1982 (obit., bibl., portr., b. 26 Jan 1893, Pensford, Somerset, d. Mar 1981).

20.396. The genus *Polysiphonia*, Grev., a critical revision of the British species, based upon anatomy ... Extracted from the Linnean Society's Journal-Botany ... 1923. Oct.

Publ.: Apr 1923 (in journal), p. [271]-311, pl. 22-25 (uncol. drawings by author). Copy: L.

– Reprinted and to be cited from J. Linn. Soc., Bot. 46: 271-311, pl. 22-25. 1923.

* **Batters, Edward Arthur Lionel** (1860-1907), British phycologist, educated at King's College School, London and Trinity Hall, Cambridge, B.A. (law) 1882, later L.L.B., called to the Bar at Lincoln's Inn, being of independent means turned to the study of British marine algae. (*Batters*).

HERBARIUM and TYPES: BM (see TL-2/1: 144), (10.000 British and 3000 exotic specimens in his herbarium, plus 3000 microscope-slides), further material in K, KIEL, L. – Manuscripts also at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 139; BB p. 24; BJI 1: 4; BM 1: 110-111, 6: 65; Bossert p. 28; CSP 9: 141, 13: 446; Desmond p. 47 (b. 26 Dec 1860, Enfield, Middx, d. 11 Aug 1907, Gerrard's Cross, Bucks.); De Toni 4: v; Kew 1: 179; TL-1: 19; TL-2/1: 144, and see indexes; Tucker 1: 765.

BIOFILE: Anon., Bot. Not. 1907: 68 (d.); J. Bot. 45: 352. Sep 1907 (d.).

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.270 [= BM]. 1980 (mss.).

Gepp, A. and E.S., J. Bot. 45: 385-388. 1907 (biogr., portr.).

Hanlin, R.T., Index Grevillea 149. 1978 (3 papers mentioned).

Jackson, B.D., Proc. Linn. Soc. 1907-1908: 45-46.

Koster, J.Th., Taxon 18: 549. 1969.

Praeger, R.L., Irish Naturalist 17: 43. 1908 (d.).

Tandy, G., J. Bot. 75: 327-328. Nov 1937 (bibl. note on *List mar. alg. Berwick-on-Tweed*, TL-2/360: correct title of journal in which this paper was published: "History of the Berwickshire Naturalists' Club 12(2): ... 1890". [Actually 12: 221-392. 1890 fide CSP 13: 346; CSP given the correct title mentioned by Tandy, FAS]. Correction to TL-2/360).

COMPOSITE WORKS: (1): Edward Morell Holmes (1843-1930) issued, partly with Batters, *Algae britannicae rariores exsiccatae*, fasc. 1-12, ed. 1883-1910, nos. 1-312, see Holmes, TL-2/2: 260 for further details.

20.397. *Notes on the marine algae of Berwick-on-Tweed ...* [History Berwickshire Naturalists' Club ... 1885]. Oct.

Publ.: 1885, p. 535-538, published in Hist. Berwicksh. Natural. Club 10: 535-538 (tear-sheet copy at L.).

20.398. The Clyde Sea area with map ... *Handlist of the Algae ...* Reprinted, with additions, from the 'Journal of Botany' for 1891. Oct.

Publ.: Jul-Sep 1891 (in journal), cover-t.p., map, p. [1]-25. Copy: L. – Reprinted and to be

cited from *J. Bot.* 29: 212-214. Jul, 229-236. Aug, 273-283. Sep 1891. – *Author of The Clyde Sea area* (p. 1-4): John Murray (contribution not botanical), the remaining pages (5-25) are by Batters, author of the *Handlist of the Algae*.

20.399. On *Schmitziella*; a new genus of endophytic algae, belonging to the order Corallinaceae ... *Annals of Botany* ... 1892. Oct.

Publ.: Jul 1892 (in journal), *pl.* 10 (col. lith. auct.), p. [185]-194. *Copy*: L. – Reprinted and to be cited from *Ann. Bot.* 6(22): *pl.* 10, 185-194. 1892. – The genus is attributed to Bornet and Blatters, see *ING* 3: 1576. 1979.

20.400. On *Conchocelis*, a new genus of perforating algae ... London (Dulac & Co. ...) 1892. Oct. (*Conchocelis*).

Publ.: Apr 1892 (in original publ.), cover-t.p., p. [1]-4, *pl.* 6. *Copy*: L. – Reprinted and to be cited from G.R.M. Murray, *Phycol. Mem.* 1: 25-28, *pl.* 8. 1892. – For *Phycological Memoirs* see *TL-2/6569*. For *Conchocelis* see *ING* 1: 410. 1979.

20.401. On some new British algae ... *Annals of Botany* ... 1895. Oct.

Publ.: 1 Jun 1895 (in journal; *Nat. Nov.* Aug (1) 1895), *pl.* 11 (uncol. lith. auct.), p. [307]-321. *Copy*: L. – Reprinted and to be cited from *Ann. Bot.* 9(34): *pl.* 11, 307-321. 1895.

20.402. Some new British marine algae ... Reprinted from the 'Journal of Botany' ... 1896. Oct.

Publ.: 1 Jan 1896 (in journal), p. [1]-6. *Copy*: L. – Reprinted and to be cited from *J. Bot.* 34: 6-11. Jan 1896. – *Additions*: *J. Bot.* 34: 384-390. Sep 1896. – An earlier paper with the same title appeared in *J. Bot.* 33: 274-276. Sep 1895. For a follow-up see below.

20.403. New or critical British marine algae ... Reprinted from the 'Journal of Botany' ... 1896. Oct.

Publ.: 1 Sep 1896 (in journal), cover, p. [1]-7. *Copy*: L. – Reprinted and to be cited from *J. Bot.* 34: 433-440. 1896.

[*Second paper* with same title]: 1 Nov 1897, p. [1]-8. *Copy*: L. – *Id.* 35: 433-440. 1897.

[*Third paper*]: 1 Oct 1900, cover, *pl.* 414 (uncol. lith. auct.), p. 1-11. *Copy*: L. – *Id.* 38: 369-379, *pl.* 414. 1900.

[*Further paper*]: Jan 1906, cover, p. [1]-3, *pl.* 475. *Copy*: L. – *Id.* 44: 1-3, *pl.* 475. 1906. – The reprint (see cover) has also text on p. 4, not relevant to this paper.

Battiscombe, Edward (c.q. Eric) (c. 1875-1971), British conservator of Forests in Kenya 1906-1928. (*Battiscombe*).

HERBARIUM and TYPES: K. – Further material in MO.

NOTE: "Eric Battiscombe" fide N.V. Brasnett (1972); Desmond retains "Edward" even though he cited the Brasnett paper.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 139; BL 1: 40 ("Edward"); Desmond p. 47 (c. 1875-1971, "Edward"); IH 2: 60, 353; Kew 1: 179.

BIOFILE: Brasnett, N.V., *Commonw. Forest Rev.* 51(3): 186-187. 1972 (obit. of "Eric" B., other sources have "Edward" for the same man).

20.404. A descriptive catalogue of some of the common trees & woody plants of Kenya Colony ... London (Published by the Crown Agents for the Colonies ...) [1926]. Oct. (*Descr. cat. trees Kenya*).

Publ.: Oct-Dec 1926 (p. iii signed Oct 1926; *Kew Bull.* 2 Feb 1927), frontisp., p. [i-vi], [1]-141, [142]. *Copies*: G, NSW, NY.

20.405. *Trees and shrubs of Kenya colony ...* A revision and enlargement of “a descriptive catalogue of some of the common trees and woody plants of Kenya Colony”, Nairobi (printed and published by the Government Printer) 1936. Oct. (*Trees shrubs Kenya*).

Publ.: 1936 (p. iv: Feb 1936), cover-t.p., p. [i]-xi, 1-201. *Copies*: L, NY. – See Blake 1: 40.

– Hutchinson (1936) states that I.R. Dale took mainly care of the additional species, etc. *Additions and corrections*: 1939, by I.R. Dale, Inst. Paper Imp. Forestry Inst. Oxford 18: 20-26. 1939.

Ref.: Hutchinson, J., Kew Bull. 1936(8): 466. 14 Dec 1936 (brief review).

Bauch, Robert (1897-x), German (Berlin-born) botanist at the University of Rostock, privat docent ib. until 1932, subsequently extraordinary professor of botany ib. (*Bauch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 139 (b. 21 Mar 1897, Berlin); LS suppl. 1930-1945.

BIOFILE: Anon., ÖBZ 81(2): 160. 1932 (appt. Rostock).

20.406. *Mecklenburgische Brandpilze ...* [Sonderdruck aus dem Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg ...] 1927-1939.

I: 1927 (p. 203: Mar 1927), p. 196-203. *Copy*: B. – Reprinted and to be cited from Arch. Ver. Freunde Naturgesch. Mecklenburg ser. 2. 2: 196-203. 1927.

2: 1939 (p. 108: Oct 1939), p. 97-108. *Copy*: B. – Id. ser. 2. 14: 97-108. 1939.

* **Bauer, Ernst** (1860-1942), Bohemian bryologist, “Finanz-Prokurator” and Regierungsrat in Prague, later in Stadt Obersdorf. (*E. Bauer*).

HERBARIUM and TYPES: See TL-2/1: 144 and IH 2: 60. – Main herbarium at OP (27.000). – Additional herbaria holding Bauer material: DBN, FR, GOET, MANCH, PH, WRSL, WTU. – [*Bryotheca bohemica* cent. 1: Jul 1898, 2: Mar 1899, 3: Jan 1902, 4: 1904].

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 140 (b. 13 Aug 1860, Pisek); Bossert p. 29; CSP 13: 350; IH 2: 60; LS 1956-1959; LS suppl. 2025; Maiwald p. 234; NAF ser. 2. 3: 31; SBC p. 115; TL-2/1: 144-145, and see indexes; Urban-Berl. p. 293.

BIOFILE: Anon., ÖBZ 47: 110. 1897 (secretary at the “Finanzprocurator” in Prague [Dept. finances]), 55: 284. 1905 (“Finanzrat”).

Bauer, E., Bot. Centralbl. 76(43): 128-131. 1898 (detailed paper on *Bryotheca bohemica*, Centurie I, 1898, lists e.g. collaborators).

Györfi, I., Rev. bryol. lichénol. ser. 2. 26: 187-190. 1957.

Maiwald, V.F., Gesch. Bot. Böhmen 234. 1904.

Sayre, G., Mem. New York Bot. Gard. 19(2): 181-183. 1971 (details on exsiccatae); Bryologist 80(3): 504. 1977 (main herb. at OP: 27.000 specimens).

Váňa, J., Taxon 29: 674-675. 1980 (main herb. at OP; impt. set also at PR).

Vaněk, R., Příroda, Praha 33: 280. 1940.

Wagenitz, G., Index coll. princ. herb. Gotting. 19. 1982 (herb. mat. in GOET).

20.407. *Beiträge zur Moosflora Westböhmens und des Erzgebirges ...* Prag (Druck von Heinr. Mercy ...) 1893. Oct.

Publ.: Jan-Mar 1893 (p. 6: preface dated Mai 1892; Rev. bryol. Apr 1893), p. [1]-68. *Copy*: B. – Reprinted and to be cited from Lotos, Prag 41 (ser. 2. 13): 57-122. 1893.

Follow-up: Beitrag zur Moosflora West-Böhmens, ÖBZ 45(10): 374-377. Oct 1895, also published as reprint, p. [1]-3.

Ref.: Warnstorff, C.F.E., Bot. Centralbl. 54(4): 12-13. 29 Mar 1893 (rev.), 67(34): 234. 18 Aug 1896 (rev. follow-up).

20.408. *Beiträge zur Moosflora von Centralböhmen ...* Sonderabdruck aus *Lotos ...* 1895. Oct. Publ.: Jan 1895, p. [1]-24. Copy: B. – Reprinted and to be cited from *Lotos*, Prag 43 (ser. 2. 15): 1-24. 1895. – The B copy of the reprint [preprint] has, in unknown handwriting (possibly author) printed 29 Oct 1894 (“referirt 29 Oct 94”). This may or may not be an indication of preprinting.

Ref.: Warnstorf, C.F.E., Bot. Centralbl. 62(9): 324. 27 Feb 1895 (rev.).

20.409. *Über Pohlia hercynica* Warnst. und *Pohlia Rothii* Broth. ... Separatabdruck aus der “Österreichischen botanischen Zeitschrift” ... 1913. Oct.

Publ.: Mar 1913 (in journal), p. [1]-4. Copy: B. – Reprinted and to be cited from *ÖBZ* 63(3): 106-109. Mar 1913.

* **Bauer, Ferdinand Lucas** (1760-1826), Austrian botanical, zoological and landscape painter, born in Feldsberg (then Niederösterreich, from 1919 Valtice, Czechoslovakia), painting for J.C. Brund (court appointed painter), botanical instruction and assistance from N.J. von Jacquin, accompanied J. Sibthorp as botanical artist on a trip to the eastern mediterranean area, worked for Sibthorp in Oxford, with R. Brown on the Flinders expedition to Australia, returned to Vienna in 1812, continuing his work for Jacquin. (*F.L. Bauer*).

HERBARIUM and TYPES: See TL-2/1: 145. – Herbarium material: Norfolk Island plants at W (orig.), LINN, UPS-Thunb., further Australian, Norfolk and Timor plants at B, HBG, K, OXF, P. – Herbarium at W.

ORIGINAL DRAWINGS: See TL-2/1: 145.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 359; Backer p. 59; Barnhart 1: 140 (b. 20 Jan 1760, Feldsberg, Österr., d. 17 Mar 1826, Hietzing, Wien); BB p. 24; Blunt p. 195-202, 295 (index); BM 1: 112; Clokie p. 127; Dawson p. 39-40 (letters to J. Banks); Desmond p. 47 (further refs.); DSB 1: 520. 1970 (by Olby); DU 27; Futak-Domin p. 95; GF p. 49; HR; IH 2: 60; Jackson p. 223, 398; Kew 1: 180; Klášterský p. 55-56; Langmann p. 426; Lasègue p. 406; NDB 1: 634 (by Margarethe Braun-Ronsdorf); NI 96; PR 493, ed. 1: 570; Rehder 1: 500, 508; SK 1: 41-42, 4: xcv, 5: cclvii; TL-1: 19-20; TL-2/1: 145-146, see indexes; Tucker 1: 64; WU 1: 183-185.

BIOFILE: Allan, M., *The Hookers at Kew* 152-153. 1967.

Anon., *Flora* 9(1): 240. 1826 (“Am 17 März starb zu Wien an der Wassersucht und Gicht ...”), 10(1): 176. 21 Mar 1827 (F.L.B.’s herb. bought for W); *Kew Bull.* 1933(1): 2-3 (engravings in Tankerville coll. of drawings at K); 1934(10): 455-456 (on original drawings of both B’s and location of F.L.B.’s drawings in England); *Österr. biogr. Lexikon*, Wien 1: 55. 1957;

The Australian flower paintings of Ferdinand Bauer, London 1980 (25 plates by F.L.B.).

Beck, G.R., in Fritsch, K. et al., *Bot. Aust. Wiens* 56-57. 1894 (drawings at W).

Bridson, G.D.R. et al., *Nat. hist. mss. res. Brit. Isl.* 383 (index). 1980.

Britten, J., *J. Bot.* 47: 140-146. 1909 (on F.L.B.’s drawings of Austral. pl.).

Carr, D.J. and S.G.M. et al., *People and plants in Australia* 50-51 (L. Diels), 116 (S.C.

Ducker), 123, 166, 232, 235, 333 (A. Moyal). 1981.

Carter, H.B., *Sir Joseph Banks* 621 (index). s.d.

Curey, J.F.B., *Reflections on the colony of New South Wales* 72, 97, 105, 120, 121, 190. 1966.

Ducker, S.C. and R.B. Knox, *Taxon* 34(3): 402. 1985 (Double wall of pollen grain and pollen tube demonstrated by F.L.B.).

Fischer, John, *The origin of garden plants* 150-152. 1982.

Fournier, E., in H.E. Baillon, *Dict. bot.* 1: 385. 1877.

Gilbert, L.A., *Bot. invest. east. seaboard Australia*. Thesis Univ. New England, N.S.W. 93. 1962; *Austral. Dict. biogr.* 1: 73. 1966.

Green, P.S., *J. Adelaide Bot. Gard.* 1(2): 145-149. 1977 (selection Austral. flower paintings by F.L.B.).

- Gunn, M. and C.E. Codd, Bot. Expl. S. Africa 90. 1981 (F.L.B. was in S. Afr., Simon's Bay 17 Oct-3 Nov 1801).
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- Karg, A.T., Taxon 23(4): 614. 1974 (ref. to biogr. sketches in mss. at HU).
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- Lee, I., Early expl. Austral. 612-613. 1925.
- Lhotsky, J., Proc. Linn. Soc. 1: 39-40. 1839; Ann. Mag. nat. Hist. 4: 67. 1840; London J. Bot. 2: 106-113. 1843.
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- Maiden, J.H., Proc. Linn. Soc. N.S.W. 27: 214. 1902; J. Proc. Roy. Soc. N.S.W. 55: 151. 1921.
- Moyal, A., A bright and savage land 4, 9, 14, 24, 26. 1986.
- Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 23-76 (esp. p. 43). 1855.
- Nissen, C., Botanische Prachtwerke, Philobibliion 6: 296. 1933.
- Norst, M.J., Ferdinand Bauer, London (British Museum, N.H.) 1989, 120 p.
- O'Brian, P., Joseph Banks 251, 270, 276, 281, 306. 1987.
- Riedl, H., Taxon 30: 727. 1981 (F.L.B.'s drawings and paintings in W).
- Rix, M., The art of the botanist 221 [index, 20 refs.]. 1981.
- Serle, P., Dict. Austral. biogr. 1: 61. 1949.
- Smith, G.G., J. W. Austral. Hist. Soc. 1949-1954: 59-73.
- Stearn, W.T., Roy. Hort. Soc., Exhib. mss. books 1954: 41 (Digitalium Monographia); Endeavour 19(73): 27-35. 1960 (Australian paintings of Ferdinand Bauer, London 1976); Nat. Hist. Mus. S. Kensington 282-283, 328. 1981 (with W. Blunt); The Australian flower paintings of F.L. Bauer, London (Basilisk. Pr.) 1976 (with W. Blunt).
- Steven, M., First impressions. The British discovery of Australia 71, 74, 75-79. 1988.
- Thiselton-Dyer, W.T., Kew Bull. 1891(60): 302-303 (on F.L.B. and Kew).
- Verdcourt, B., Kew Magazine 3(4): 176-178. 1986 (discovery of some orig. draw. by F.L.B. at K).
- Wilson, E.H., Plant hunting 103, 180, 181. 1927.
- Wittmack, M.C.L., in Beitr. landwirtsch. Pflanzenbau, Festschrift 70. Geburtstag F. Schindler 37-43. 1924 (see also A. Engler, review in Bot. Jahrb. 60(Lit.): 17-18. 1925).
- Woodward, B.B., Hist. Coll. nat. Hist. Depts. Brit. Mus. 1: 29. 1904 (203 Australian drawings of plants and some drawings for A.B. Lambert's *Genus Pinus* at BM).

* **Bauer, Franz Andreas** (1758-1840), Austrian botanical artist, born in Feldsberg (from 1919 Valtice, Czechoslovakia), first training in drawing and painting by his mother, worked with N.J. and J.F. von Jacquin, travelled with the latter in W. Europe, visiting Joseph Banks, 1788, stayed in England as botanical draughtsman for Banks working for Kew, as (unauthorized) 'Botanical painter to His Majesty', de facto paid by Banks. (*F.A. Bauer*).

ORIGINAL DRAWINGS: See TL-2/1: 146. – See also PR 497-498, sets of unpublished illustrations.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 151; Barnhart 1: 140; BB p. 25; Blunt p. 293 [index]; BM 1: 112, 6: 65; Bossert p. 29; CSP 1: 212; Dawson p. 40 (2 letters from Banks); Desmond p. 47-48; DSB 1: 520-521 (by R. Olby); DU 28; GF p. 49; Henrey 3: 7-8 (nos. 437-439); HR; HU [index vol. 2]; Jackson p. 519 (index); Kew 1: 180; Langman p. 117, 426; MD p. 69; MW p. 193; NDB 1: 634-635; NI 97-99; Plesch 40; PR 494-498, ed. 1: 571-575; Rehder 1: 499, 2: 664; SK 4: xciv; SO 755c; TL-1/10, 54-56, 572-573, 1144; TL-2/1: 146-147 and see indexes; Tucker 1: 64; WU 1: 184.

BIOFILE: Anon., Ann. Mag. nat. Hist 5: 47. 1840, 7: 77-78, 439-441. 1841; Flora 24: 400. 7 Jul 1841; Allg. Konst-Letterbode 1842(1): 194-198 (obit.).
Bishop of Norwich, Proc. Linn. Soc. 1: 101-104. 1841; Proc. R. Soc. 4: 342-344. 1843 (obit.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.110, 229.461, 269.59, 291.14. 1980.

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 Carter, H.B., *Sir Joseph Banks* 621 [index]. s.d.
 Dawson, W.R., *Bull. Brit. Mus. Nat. Hist.*, Hist. 3(3): 74. 1965 (mss. declaration by F.A.B. on the property of Banks).
 Ducker, S.C. and R.B. Knox, *Taxon* 34(3): 402. 1985 (first to illustrate pollen grains via microscope, morphol. differences, single and compound pollen grains).
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 Meynell, G., *Arch. nat. Hist.* 10(1): 77-88. 1981 (Banks papers in Kent Archives office incl. notebooks by J. Banks and F.A.B.), 11(2): 209-221. 1983 (major account of F.A.B. with ample documentation, portr.).
 Milner, J.D., *Cat. portr. Kew* 8. 1906.
 Nissen, C., *Botanische Prachtwerke, Philobiblon* 296-297. 1933.
 Rix, M., *The art of the botanist* 221 [index]. 1981.
 Smith, R.C., *Hist. Photogr.* 7(1): 43-50. 1983.
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 Woodward, B.B., *Hist. coll. nat. hist. depts. Brit. Mus.* 1: 29-30. 1904.

Bauhardt, L. (fl. 1823), German pharmacist and botanist. (*Bauhardt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 140; BM 1: 112; PR 499, ed. 1: 577.

20.410. *Gründliche Anleitung zum Einlegen der Pflanzen* und wie man schöne und dauerhafte Herbarien anlegt. Ein Handbuch für Apotheker-Lehrlinge, angehende Botaniker und Dilettanten ... i-xxiii classe, des Linee'schen [sic] Sexual-Systems. Weimar (gedruckt in der Albrecht'schen Hofbuchdruckerei) 1823. Oct. (half sheets). (*Gründl. Anl. Einleg. Pfl.*).
Publ.: 1823 (rev. *Flora* 21 Sep 1823), p. [i]-xiv, [1]-356, [357, corr.]. *Copy*: NY.
Ref.: Anon., *Flora* 6: 558-560. 21 Sep 1823 (rev.).

Bauke, Hermann (1852-1879), German (Berlin) botanist, educated at the Friedrichwerder Gymnasium ("Abitur" 1870), studied natural sciences at the University of Berlin with e.g. A. Braun, Kny and Ascherson 1870-1872, idem at Heidelberg 1872-1874, Dr. phil. Heidelberg 1874, with de Bary in Strassburg 1874 and 1875-1876, also briefly in Würzburg 1876; from 1876-1879 ill, died in Berlin (*H. Bauke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 141 (b. 5 Mai 1852, Berlin, d. 15 Dec 1879, ib.); BM 1: 113; CSP 9: 145; DSB 1: 17-18 (by H. Baumgärtel); Jackson p. 152, 164; Kew 1: 181; LS 1967-1968.

BIOFILE: Anon., *Nat. Nov.* 1: 231. 1879 (d.); *Bot. Not.* 1880: 38 (d.); *Bull. Soc. bot. France* 26 (Rev. Bibl.): 239. 1880 (d.), 27 (Rev. Bibl.): 232. 1881 (brief obit. not.); *Bot. Zeit.* 38(2): 30. 9 Jan 1880 (d. 15 Dec. 1879, "nach langem Leiden"); *J. Bot. ser. 2.* 9: 32. Jan 1880 (obit., "he gave great promise of a useful career"); *Verh. Bot. Ver. Prov. Brandenburg* 21: xlv. 1880 (d.), 51: (85). 1910.

- Sachs, J., *Bot. Zeit.* 38, Beilage with nr. 25, p. 1-3. 25 Jan 1880 (brief sketch of B's life and achievement, introd. to posthumous publ. of six plates).
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Publ.: Jan 1875 (*Bot. Zeit.* 12 Feb 1875, sic); cover-t.p., p. [49]-116, *pl.* 6-10 (partly col. liths. auct.). *Copy*: WU. – Reprinted and to be cited from Pringsheim, *Jahrb. wiss. Bot.* 10: 49-116, *pl.* 6-10. 1875.
Ref.: G.K., *Bot. Zeit.* 33: 160. 1875 (rev.).
- 20.412.** *Beiträge zur Kenntnis der Pycniden I. ...* Dresden (Druck von E. Blochmann & Sohn ...) 1876. Qu. (*Beitr. Kenntn. Pycniden*).
Publ.: Oct 1876 (mss. submitted 1 Jul 1876; *Bot. Zeit.* 10 Nov 1876), cover, p. [1]-72, *pl.* 1-6 (col. and uncol. liths. auct.). *Copy*: G, L. – Issued as *Nova Acta Leopoldina* 38(5): 439-512, *pl.* 28-33. 1876 (the paper has also the journal pagination but was also published independently).
Ref.: G.K., *Bot. Zeit.* 34(52): 826-828. 29 Dec 1876 (rev.).
- 20.413.** *Zur Entwicklungsgeschichte der Ascomyceten. Vorläufige Mittheilung ...* Separatabdruck aus der *Botanischen Zeitung* 1877. Qu.
Publ.: 18 Mai 1877 (mss. dated Apr 1877, journal issue 18 Mai 1877), p. [1]-7. *Copies*: G, WU. – Reprinted and to be cited from *Bot. Zeit.* 35: col. 313-326. 1877.
- 20.414.** *Beiträge zur Keimungsgeschichte der Schizaeaceen ...* Berlin (Druck von G. Bernstein ...) 1878. Oct.
Publ.: 1878 (p. 47: Jan 1878; *Bot. Zeit.* 17 Mai 1878), cover-t.p., p. [1]-50, *pl.* 38-41 (col. and uncol. lith. auct.). *Copies*: G, WU. – Reprinted and to be cited from Pringsheim, *Jahrb. Wiss. Bot.* 11: 603-650, *pl.* 38-41. 1878.
Ref.: S.M., *J. Bot.* 17: 349-350. Nov 1879 (rev.).
 N.L., *Bot. Zeit.* 36(20): 320. 17 Mai 1878 (brief note).
- 20.415.** *Zur Kenntnis der sexuellen Generation bei den Gattungen Platycerium, Lygodium und Gymnogramme. Vorläufige Mittheilung ...* [Separatabdruck aus der *Botanischen Zeitung* 1878]. Oct.
Publ.: 29 Nov and 6 Dec 1878 (in journal), p. [1]-10. *Copies*: G, WU. – Reprinted and to be cited from *Bot. Zeit.* 36: col. 753-760. 29 Nov 1878, col. 769-780. 6 Dec 1878.
- 20.416.** *Erwiderung ...* Separat-Abdruck aus "Flora" 1879. Oct.
Publ.: 21 Jan 1879, p. [1]-5. *Copy*: G. – Reprinted and to be cited from *Flora* 62(3): 44-48. 21 Jan 1879. – Reply to K. Prantl, *Über die Anordnung der Zellen in flächenförmigen Prothallien der Farne*, *Flora* 61(32): 497-505, *pl.* 2-3. 11 Nov 1878, 61(34): 529-539. 1 Dec 1878, 61(35): 545-556. 11 Dec 1878.
- 20.417.** [*Prothalliumentwicklung bei Platycerium grande* J. Sm.]. [1879]. Oct.
Publ.: 29 Jan 1879 (in journal), p. [i, recto of 120], [120]-124. *Copies*: G, U. – Reprinted and to be cited from *Verh. Bot. Ver. Prov. Brandenburg (S.B.)*: 20(5): 120-124. 1879.
- 20.418.** *Einige Bemerkungen über das Prothallium von Salvinia natans ...* Separat-Abdruck aus *Flora* 1879. Oct.
Publ.: 11 Mai 1879 (in journal), p. [1]-11. *Copy*: G. – Reprinted and to be cited from *Flora* 62(14): 209-219. 1879.
- 20.419.** *Aus dem botanischen Nachlasse von H. Bauke ...* [ed. J. Sachs]. 1880. Qu.
Publ.: 18 Jun 1880 (in journal; *Nat. Nov. Aug* (1,2) 1880), p. [1]-3, *pl.* 1-6. Published as a Beilage zur *Botanischen Zeitung* 38(25), Beilage, *Text* (p. 1-3) by J. Sachs, *plates* 1-6 (E. Stahl del., uncol. liths.), posthumously published by Sachs.

Baumann, Charles (fl. 1828-1835), French-German horticulturist at Bollweiler, (Haut-Rhin), specialized in Rosa, Begonia, Camellia and ornamental trees and shrubs. (*C. Baumann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 141; BM 1: 113; DU 29; GF p. 49; Hortus 3: 1188; NI 106; PR 512, ed. 1: 591; Rehder 2: 550; Tucker 1: 64; Zander ed. 10, p. 632, ed. 11, p. 718.

20.420. *Collection de Camellias élevés à Bollwiller dédiée à Mr. le Professeur A.P. De Candolle ...* Bollwiller (au Département du Haut-Rhin, en France) 1829-1834, Livr. Fol. (*Coll. Camellias*).

Co-author: [Constantine Auguste] Napoléon Baumann (1804-1884), brother of first author. *Livr. 1:* 1829, cover-t.p., p. [1]-8, *pl. 1-12* (col. liths. by Ch. Baumann). – German text.

Livr. 2: 1831, cover-t.p., p. [1]-9, *pl. 13-25* (id.). – French text.

Livr. 3: 1832, p. 11-14 (German text), p. [1-3] (French text), *pl. 26-37*.

Livr. 4: 1835, p. [1-3] (German text), *pl. 38-49*.

Copy: G (1,2). – *Note:* DU saw USDA copy with both German and French Livraison t.p. and text. See also NI 106.

Ref.: Junk, W., *Rara* 1: 44. 1900-1913 (on which data on Livr. 3 and 4 are based, not seen by us).

Baumann, Eugen (1868-1933), Swiss (Zürich, Bonstetten) botanist, educated in Bonstetten and Zürich, matric. 1888 (Kantonschule), studied at the Technical University of Zürich 1888-1910, Dr. phil. ib. 1910. (*Eu. Baumann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 141 (b. 26 Feb 1868, d. 25 Oct 1933); BFM 575; BL 2: 583; Kew 1: 182; LS 2031.

BIOFILE: Baumann, J. and E. Baumann, *Ber. Schweiz. bot. Ges.* 43(1): 7-8. 1934 (obit.; b. 26 Feb 1868, Bonstetten, d. 25 Oct 1933, Zürich).

COMPOSITE WORKS: (1) *Vegetation des Untersees* (Bodensee), in G. Karsten and H. Schenck, *Vegetationsbilder* ser. 9, Heft 3: 13 p. text, *pl. 13-18*. 1911.

20.421. *Beiträge zur Flora des Untersees* (Bodensee) ... Sonderabdruck aus Heft xviii der Mitteilungen der Thurg. Naturf. Gesellschaft [1908]. Oct.

Publ.: Feb-Mai 1908 (p. 18 signed Jan 1908; *Allg. bot. Z.* 15 Jun 1908), p. [1]-18. *Copies:* B, G. – Reprinted and to be cited from *Mitt. Thurgau Naturf. Ges.* 18: 34-51. 1908.

20.422. *Die Vegetation des Untersees* (Bodensee). Eine floristisch-kritische und biologische Studie. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Stuttgart (E. Schweizerbartsche Verlagsbuchhandlung Nägeli & Dr. Sproesser) 1911. Oct. (*Veg. Untersees*).

Thesis issue: 1911, p. [i*-iv*], [i]-v, [55]-469, [471, curr. vit.], *pl. 12-13*. *Copy:* NY.

Regular issue: Aug-Sep 1911 (*Bot. Centralbl.* 26 Sep 1911, *ÖBZ* Sep 1911, *Nat. Nov.* Sep (1) 1911), p. [i*-v*], [i]-v, [1]-554, *pl. 1-15* (1-10 phot., uncol., 11-12 maps, 13-15 vegetation profiles). *Copies:* B, G. – Published in Lieferungen: (1): 1-128, 4 *pl.* (*Nat. Nov.* Oct (1) 1911), (2): 129-272, 4 *pl.* (*Nat. Nov.* Nov (2) 1911), (3): 273-416, 4 *pl.* (*Nat. Nov.* Dec (2) 1911), (4): 417-554, 3 *pl.* (*Nat. Nov.* Jan (2) 1912). Actually entire volume published by end Sep 1911.

Preliminary publ.: See above, *Beiträge zur Flora des Untersees*, 1908.

Ref.: Matouschek (Wien), *Bot. Centralbl.* 119(8): 203. 20 Feb 1912 (rev.).

Murr, J., *Allg. bot. Z.* 17: 143-144. 15 Sep 1911 (rev.).

20.423. *Die Vegetation des Untersees* (Bodensee). *Vortrag*, gehalten an der Jahresversammlung der Thurgauer Naturforschenden Gesellschaft in Kreuzlingen, 21 Oktober 1911 ... Frauenfeld (Druck und Verlag von Huber & Co.). 1915. Oct. (*Veg. Untersees, Vortrag*).
Publ.: 1915, p. [1]-32. *Copy*: L. – Sonderabdruck aus Mitt. Thurgau. Naturf. Ges. Heft 21: 171-200. 1915.

Ref.: Engler, A., *Bot. Jahrb.* 54 (Lit.): 44-45. 4 Oct 1916 (rev.).

Baumann, E., *Bot. Centralbl.* 132(6): 145-146. 8 Aug 1916 (abstract by author).

G.H., *Hedwigia* 58(1): (11)-(12). 8 Jul 1916 (rev.).

Baumgärtel, Otto (x-1919), German botanist, assistant at the Botanical Institute of the German University in Prague. (*Baumgärtel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142 (d. 7 Nov 1919, Prag); Kew 1: 182; LS 2034.

BIOFILE: Anon., *Ber. deut. bot. Ges.* 37: (160). 1919 (d. 7 Nov 1919, was assistant at German Univ. Prague); *Bot. Not.* 1920: 31 (d.).

Prescott, G.W., *Bibl. Desmid. univ.* 41(B-83). 1984.

20.424. *Studien über Pneumatokarpien ...* [Sitz.-Ber. Akad. Wiss., Wien ... 1917]. Oct.
Publ.: 1917 (read 11 Jan 1917), p. 13-39, *pl. [I]* (uncol. lith. auct.). *Copy*: G. – Reprinted and to be cited from Sitz.-Ber. Akad. Wiss. Wien, Abt. 1. 126: 13-39. 1917.

20.425. *Die Anatomie der Gattung Arthrocnemum* Mocqu. ... [Sitz. Ber. Akad. Wiss. Wien ... 1917]. Oct.

Publ.: 1917 (read 11 Jan 1917), p. 41-74. *Copy*: G. – Reprinted and to be cited from Sitz.-Ber. Akad. Wiss. Wien, Abt. 1. 126: 41-74. 1917.

* **Baumgardt, Ernst** (fl. 1845-1856), German botanist and highschool teacher, ca. 1845 teacher at Putbus, ca. 1856 director of the senior highschool at Potsdam. (*Baumgardt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142; BM 1: 114; Morren ed. 10, p. 16; PR 514-515; Rehder 1: 381, 383; TL-2/1:150, see also no. 10.911.

20.426. Schuljahr 1845. Königliches Pädagogium zu Putbus. Oeffentliche Prüfung aller Klassen und Redeactus am 26. und 27. September zu welchen Feierlichkeiten gehorsamst einladen Director und Lehrercollegium. 1. Abhandlung des Dr. Baumgardt: *Ueber die Flora der Insel Rügen*. 2. Jahresbericht des Directors ... Putbus (Druck der Friedelschen Buchdruckerei) [1845]. Qu. (*Fl. Rügen*).

Publ.: Sep 1845 (published for the general examinations on 26 and 27 Sep 1845), p. [i], [1]-17, [18-32, Schulnachrichten]. *Copies*: B, MO. – For Baumgardt's *Fl. Mittelmark* see TL-2/369.

* **Baumgarten, Johann Christian Gottlob** (1765-1843), German (Saxonian) physician and botanist at the medical college in Dresden 1784-1785, University of Leipzig (philosophy, medicine) 1785-1787, Baccal. Med. 1787, Dr. med. 1791, studied botany in Vienna e.g. with N.J. von Jacquin, travelled, collected and worked in Siebenbürgen (now part of Romania, Transylvania) 1793-1843, governmental physician in Leschkirch 1794-1811, id. Schässburg 1801-1807, from then on dedicating himself (still resident in Schässburg) mainly to botany, again active as physician 1826-1843. (*Baumg.*).

HERBARIUM and TYPES: See TL-2/1: 150. – Main herbarium at CL, further material at B, BP, BR, H, L, P, SIB, W (partly type material of taxa described in *Enum. Stirp. Transsilv.*).

BIBLIOGRAPHY and BIOGRAPHY: ADB 2: 159-160, 5(1): 793, 12(3): 646; AG 2(1): 437, 4: 313, 5(1): 625, 797, 12(3): 646; Barnhart 1: 142; BM 1: 114; Bossert p. 29; Dryander 3: 161; Frank 3(Anh.): 8; Futak-Domin p. 95; GR p. 4; GR, cat. p. 60; Hegi 7: 359; Hortus 3: 1188; IF p. 680; IH 2: 61; Jackson p. 306; Kanitz no. 109; Kew 1: 182; Lasègue p. 332; LS 1971; PR 516-518, ed. 1: 601-604; Rehder 1: 44, 374, 445, 3: 365; SO 732b; TL-1: 22-23; TL-2/ 1: 150-151, see also K.P.J. Sprengel; Tucker 1: 64; Urban-Berl. p. 328; Zander ed. 10, p. 632, ed. 11, p. 718.

BIOFILE: Barth, H., Von Honterus zu Oberth, Bedeut. siebenbürg.-deut. Naturwissenschaftler 96-143. 1980 (major source; b. Luckau 7 Apr 1765).

Daltu, Revista muzeelor ser. 2. 3: 262-263. 1965.

Dietmann, Lausitzer Magazin 24: 256-257. 1791 (details on study at LZ).

Fournier, E., in H.E. Baillon, Dict. bot. 1: 388. 1877.

Heltmann, H., Biol. Stud. Kreis Luckau 2: 15-32. 1973.

Illig, H., Verh. Bot. Ver. Prov. Brandenburg 106: 7-9. 1969 (biogr. details; b. 7 Apr 1765, Luckau, Sachsen, d. 29 Dec 1843, Schässburg, Sachsen; portr.).

Kanitz, A., Bonplandia 10: 364. 1862; Linnaea 33: 546. 1865 (herb.).

Lack, H.W. and O. v. Sydow, Willdenowia 13: 412. 1983 (letters to Steudel in UPS-US).

Niedermaier, K., Natura, Biol., Bucuresti 17(6): 84-87. 1965 (portr.).

Pax, F., Grundz. Pfl.-Verbr. Karpathen 1: 13. 1898.

Richter, Uti naplo 2: 223. 1905.

Schneider, E., Biol. Stud. Kreis Luckau 11: 3-10. 1982 (Rabenhorst material from B's "herbarium universale" now at CL and SIB).

Simonkai, L., Enum. fl. transsilv. ix. 1886.

Sprengel, K., Anl. Kenntn. Gewächse 2(1): 906. 1817 ("Baumgartenia" epon.).

Stafleu, F.A., Taxon 12: 55. 1963 (on Sert. Lips. and Fl. Lips.).

Topa, E., Anal. Sti. Univ. Cuza Iasi, Biol. 12(1): 235-236. 1966 (biogr. refs.).

20.427. *Dissertatio inauguralis de Corticis Ulmi campestris natura viribus usuque medico.* Auctoritate gratiosi medicorum ordinis pro gradu doctoris vi. mens. Mai a.c. [1791] h.l.q.c. defendet Ioannes Christian Gottlob Baumgarten Luccau-Lusatus ... Lipsiae [Leipzig] (ex officina Solbrigia). [1791]. Qu. (*Diss. cort. Ulm.*).

Publ.: 6 Mai 1791 (date of defense thesis), p. [1]-36. *Copy:* MO.

Baumgartner, Gottlieb (fl. 1901), Swiss (St. Gallen) agronomist and botanist, Dr. phil. Zürich 1901. (*G. Baumg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142; Kew 1: 182.

20.428. *Das Curfirstengebiet in seinen pflanzengeographischen und wirtschaftlichen Verhältnissen.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen philosophischen Fakultät (II. Sect.) der Universität Zürich ... St. Gallen (Zollikofer'sche Buchdruckerei) 1901. Oct. (*Curfirstengebiet*).

Publ.: 1901, p. [i-v], [1]-244, charts (1), (2), (3), (4), *pl. I-14* (uncol. phot.). *Copy:* G. – Also published in Jahresber. St. Gallischen naturw. Ges. 1901 (n.v.).

Ref.: Solms-Laubach, H., Bot. Zeit. 2. 6: 118-119. 16 Apr 1902 (rev.).

Baumgartner, [Hofrat] Julius (1870-1955), Austrian botanist (bryologist) and revenue-officer at the Austrian state finance department in Vienna, ultimately "Oberfinanzrat" 1919 and "wirklicher Hofrat" 1925, connected with the University of Vienna and the Natural History Museum ib., specialized in the bryology of the Balkan peninsula. (*J. Baumg.*).

HERBARIUM and TYPES: W (herb. moss., lich., contributed to various sets of exsiccatae, see e.g. Rechinger 1955), further material in B, BP, H-Br, M, MICH, PC.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 77; Barnhart 1: 142; DTS 6(4): 77; IH 2: 61, 392; Kew 1: 182; LS 1979; Rehder 4: 56, 140, 174, 249, 368; TL-2/see indexes; Urban-Berl. p. 285.

BIOFILE: Janchen, E., Richard v. Wettstein 183. 1933.

Rechinger, K.H., Ann. Naturhist. Mus., Wien 60: 12-16, pl. 3. 1955 (biogr., bibl., portr., b. 10 Apr 1870, d. 14 Mai 1955).

Sayre, G., Bryologist 80(3): 504. 1977 (coll.).

20.429. *Pflanzengeographische Notizen zur Flora des oberen Donauthales und des Waldviertels in Niederösterreich ...* Aus den Verhandlungen der k.k. zoologisch-botanischen Gesellschaft ... 1893. Oct.

Publ.: Oct-Dec 1893 (read 4 Oct 1893), p. 1 (recto of 2= 548)-5. Copy: B. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 43: 548-551. 1893.

20.430. Vorarbeiten zu einer pflanzengeographischen Karte Österreichs. vi. *Studien über die Gehölze im nordöstlichen Adriagebiete ...* Jena (Verlag von Gustav Fischer) 1911. Oct. (*Stud. Gehölze Adriageb.*).

Publ.: 4 Apr 1911 (date on cover-t.p.), cover-t.p., p. i[t.p.], [ii], [1]-29. Copies: KNAW, L, U. – Issued as Abh. zool.-bot. Ges. Wien 6(2). 1911.

Part 2: 1916, p. [i-ii], [1]-46. – Id. 9(2). 1916. Copy: KNAW.

Ref.: Matouschek, Bot. Centralbl. 135(5): 73-74. 1917 (rev. part. 2).

Baumgartner, Paul (1882-1918), Swiss (Graubünden) botanist and natural science teacher, Dr. phil. Zürich 1913. (*P. Baumg.*).

HERBARIUM and TYPES: Unknown (if any at Z).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142.

BIOFILE: Schinz, H., Ber. Schweiz. bot. Ges. 26-29: xlii. 1920 (d. 1918, Zürich).

20.431. *Untersuchungen an Bananenblütenständen* i-iv. Teil ... Dresden (Druck von C. Heinrich) 1913. Oct. (*Unters. Bananenblüt.-st.*).

Publ.: 1913, cover-t.p., p. [i], [1]-132, pl. i (uncol., auct.). Copies: G, L. – Reprinted or preprinted from Beih. Bot. Centralbl. 30(1) (Heft 3): 237-368. 1913. – Thesis for Ph.D. Zürich.

Baur, Erwin (1875-1933), German (Baden) botanist, grew up in Ichenheim (Baden), Volksschule 1881-1885, at a Gymnasium in Konstanz 1885-1888, idem in Karlsruhe 1888-1894, studied medicine, general natural sciences, ultimately botany at the universities of Heidelberg, Freiburg, Strassburg and (1897-1900) Kiel, Dr. med. Kiel 1900, enlisted in the German navy 1901-1902, assistant physician in Kiel and Emmendingen (Baden), Dr. phil. Freiburg with Oltmans 1903, assistant with Schwendener in Berlin 1903-1911, habil. Univ. Berlin 1904, succeeded Kny as professor of botany at the Agricultural University in Berlin 1911-1914, director of the Kaiser Wilhelm's Institute ib. 1914-1933, founder and longtime editor of *Zeitschrift fuer induktive Abstammungs- und Vererbungslehre*, founder of the Institute for Genetics Dahlem 1921 and the Institute für Züchtungsforschung, Müncheberg 1928. (*E. Baur*).

HERBARIUM and TYPES: M (Lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142 (b. 16 Apr 1875, d. 2 Dec 1933); BJI 2: 7; GR p. 4-5, pl. [12]; Christiansen p. E 45 [index]; GR, cat. p. 60; Kew 1: 182; LS 1980-1983; Moebius p. 112, 113, 353, 354, 357; Plesch p. 136; TL-2/see indexes.

BIOFILE: A., Rev. Bot. appl. Agric. trop. 14(149): 87-88. 1933 (obit.).

Anon., Bot. Centralbl. 98(2): 48. 1905 (habil. Univ. Berlin); Chron. bot. 2: 158. 1936

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- Kriegshoff, K. and M. Zinecker, Urania 58(10): 58-59. 1982 (biogr., portr.).
- Lehmann, E., Der Biologe 3(1): 27-28. 1934 (obit.).
- Plarre, W., Englera 7: 161-164, 169-173. 1987 (on B's work on heredity).
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- Schiemann, E., Ber. deut. bot. Ges. 52: (51)-(114). 1934 (detailed biogr., portr., bibl. (108 nos.), b. 16 Apr 1875, d. 2 Dec 1933).
- Scholz, H. (ed.), Englera 7: 282 [numerous entries, see index]. 1987.
- Stubbe, H., Z. induct. Abstamm. Vererb.-Lehre 66(3/4): v-ix. 1934 (obit., portr.).
- Turrill, W.B., Kew Bull. 1934(3): 135 (obit. not.).
- 20.432.** *Untersuchungen über die Entwicklungsgeschichte der Flechtenapothecien I.* ... Leipzig (Druck von Breitkopf & Härtel) 1904. Qu.
Publ.: Jan-Mar 1904 (Nat. Nov. Apr (1) 1904), cover-t.p., p. [1]-26, *pl. 1-2* (uncol. liths. auct.).
Copies: B(2). – Reprinted and to be cited from Bot. Zeit. 62(1, Heft 2): 21-44, *pl. 1-2*. 1904. –
 Not continued. – See also his: *Die Anlage und Entwicklung einiger Flechtenapothecien*,
 Flora 88: 319-332, 2 *pl.* 1901 (rev. by G. Karsten, Bot. Zeit. 59(20): 308-311. 16 Oct 1901).
- 20.433.** *Untersuchungen über die Erblichkeitsverhältnisse einer nur in Bastardform lebensfähigen Sippe von Antirrhinum majus* ... Berlin (Gebrüder Bornträger) 1907. Oct.
Publ.: 27 Nov 1907 (in journal), cover-t.p., p. [442]-454. *Copy*: L. – Reprinted and to be cited
 from Ber. deut. bot. Ges. 25(8): 442-454. 1907.
Ref.: Lehmann, E., Bot. Zeit. 66(2): 295-297. 16 Sep 1908 (rev.).
- 20.434.** *Untersuchungen über die Vererbung von Chromatophorenmerkmalen bei Melandrium, Antirrhinum und Aquilegia* ... Sonderabdruck aus Zeitschrift für induktive Abstammungs- und Vererbungslehre ... 1910. Oct.
Publ.: 1910, cover-t.p., p. [81]-102. *Copy*: L. – Reprinted and to be cited from Z. induct.
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- 20.435.** *Einführung in die experimentelle Vererbungslehre* ... Berlin (Verlag von Gebrüder Bornträger ...) 1911. Oct. (*Einf. exp. Vererb.-Lehre*).
Publ.: 1911 (preface dated Mar 1911), p. [i-vi], [1]-293, *pl. 1-9*. *Copy*: MO.
- 20.436.** *Untersuchungen über das Wesen, die Entstehung und die Vererbung von Rassenunterschieden bei Antirrhinum majus* ... Leipzig (Verlag von Gebrüder Bornträger) 1924. Oct. (*Unters. Wesen Anthirr. maj.*).
Publ.: 1924, p. [i-iii], [1]-170, *pl. 1-5, charts 1-7*. *Copies*: MO, U. – Issued in Bibl. genet. 4. 1924.
Ref.: Schiemann, E., Bot. Jahrb. 59(Lit.): 127-128. 15 Mar 1925.
- 20.437.** *Artumgrenzung und Artbildung in der Gattung Antirrhinum* ... Berlin (Verlag von Gebrüder Bornträger) 1932. Oct.
Publ.: 1932, cover-t.p., p. [256]-302, *pl. 3-4* (uncol. phot.). *Copy*: U. – Reprinted and to be cited
 from Z. induct. Abstamm. Vererb.-Lehre 63(3): 256-302, *pl. 3-4*. 1932. – B's experiments
 with *Antirrhinum majus* were first reported in his *Untersuchungen über das Wesen* ... 1924
 (see above).

Bausch, Wilhelm (1804-1873), German (Baden) lawyer and amateur cryptogamist, studied law at Freiburg and Göttingen, practicing from 1829, bailiff in various cities in Baden, ultimately in Karlsruhe as head of an administrative court. (*Bausch*).

HERBARIUM and TYPES: HEID, further material at B, GOET, M (Lich.), WA, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142; BM 1: 114; DTS 1: 354; GR p. 5 (b. 12 Mar 1804, d. 8 Mar 1873, Karlsruhe; major source); GR, cat. p. 60; Jackson p. 301; LS 1986; PR 519; SBC p. 115; Urban-Berl. p. 255.

BIOFILE: Anon., Bot. Zeit. 31(21): 336. 1873 (d. at Karlsruhe).

Hertel, H., Mitt. Bot. Staatssamml. München 16: 345. 1980 (lich. at M).

Wagenitz, G., Göttinger Biologen 1737-1945. 21. 1988 (b. Lahr/Baden, 12 Mar 1804, d. Karlsruhe 8 Mar 1873).

Wittrock, V.B., Acta Horti Berg. 3(3): 119. 1905.

20.438. *Uebersicht der Flechten des Grossherzogthums Baden ...* Karlsruhe [Karlsruhe] (Druck der G. Braun'schen Hofbuchdruckerei) 1869. Oct. (*Uebers. Flecht. Baden*).

Publ.: Oct-Nov 1869 (p. vii preface Sep 1869; Hedwigia Jan 1870; Flora rd. 4 Dec 1869, ÖBZ rev. 1 Jan 1870), p. [i]-xlii, [1]-246. *Copies*: B, L, NY.

Ref.: Anon., Flora 52: 496. 4 Dec 1869 (rd. by 4 Dec 1869), 53: 71-72. 12 Mar 1870 (rev.).

Arnold, F., Flora 53: 97-103. 27 Mar 1870 (rev.).

Hohenbühel-Heufler, L. von, ÖBZ 20: 26-27. 1 Jan 1870 (rev.).

Stizenberger, E., Bot. Zeit. 28: 41-42. 21 Jan 1870 (rev.).

Bautier, Alexandre (1801-?), French physician and botanist, born at Rouen, later in Paris. (*Bautier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 142 (b. 30 Mai 1801); BL 2: 98, 188; BM 1: 114; Jackson p. 273, 289; Kew 1: 183; PR 520, ed. 1: 607; Rehder 1: 413, 458; Tucker 1: 65.

20.439. *Tableau analytique de la flore Parisienne*, d'après la méthode adoptée dans la flore française de la Marck [sic] et DeCandolle, contenant toutes les espèces phanérogames de nos environs et la description des familles naturelles ... Paris (Labé) 1827. Duod. (*Tabl. anal. fl. Paris.*).

Ed. 1: 1827 (n.v.), xvii, 284 p. (fide PR).

Ed. 2: 1832, p. [i*-iii*], [i]-xxvi, [1]-360, [361-363]. *Copies*: MO, NY. – "... dans la Flore française de MM. de Lamarck et De Candolle, contenant tous les végétaux vasculaires de nos environs, et la description des familles naturelles et des genres disposés d'après la nouvelle classification de M. de Candolle, suivi d'un vocabulaire renfermant la définition des mots techniques employés dans cet ouvrage par Al. Bautier. Deuxième édition, revue, corrigée et augmentée des Endogènes cryptogames". Paris (Béchet Jeune, ...) 1832. Duod.

Ed. 3: 1836, p. [i-iii, v]-xxii, [1]-362. *Copies*: MO, NY. – "Troisième édition, Revue et soigneusement corrigée." Paris (Béchet Jeune, ...) 1836. Duod.

Ed. 4: 1839, p. [i-iii], [1]-383. *Copy*: NY. – Paris (Béchet Jeune et habé ...) 1839. Duod.

Ed. 5: Jul 1843, p. [1]-396. *Copies*: B, G, L, NY. – Paris (Ancienne Maison Béchet jeune, Labé succ., ...) 1843. – Gatherings of 36 p. *Note*: Bot. Zeit. 1: 848. 29 Dec 1843 states that ed. 5 came out in 1843.

Ed. 6: 1849, p. [1]-394, [395]. *Copy*: NY. – Paris (Labé, ...) 1849.

Ed. 7: 1853, p. [i]-vi, [vii], [1]-410. *Copy*: NY. – Paris (Labé, ...) 1853.

Ed. 8: 1857, p. [i*-iii*], [i]-vii, [1]-415, [i, iii]-iv, [5]-50. *Copy*: G. – "Huitième édition". Paris (Labé, ...) 1857.

Ed. 8 [Bruxelles]: 1854 (sic; preface 1 Mai 1854), p. [i*-iii*], [i]-iii, [v], [1]-474. *Copy*: L. – *Tableau analytique de la flore belge* et Parisienne d'après la méthode adoptée dans la Flore française de Lamarck et de Candolle ... Huitième édition. Revue, augmentée et mise en rapport avec la *Flore belge* par J.-E. Remmob [sic for J.E. Bommer, see TL-2/1: 268].

- Bruxelles (Librairie universelle de J. Rozez ...) 1854. Oct.(?) Preface [p. iii]: signed by J.E. Remmob [*sic*: Bommer], Bruxelles, le 1er Mai 1854.
- Ed. 9*: 1860, p. [i]-vi, [1]-432. *Copies*: MO, NY. – Neuvième édition revue et corrigé [*sic*]. Paris (P. Asselin, Gendres et successeur de Labé, ...) 1860.
- Ed. 12*: 1868, p. [i*-ii*], [i]-vi, [1]-458 [as "58"]. *Copy*: NY. – Douzième édition revue et corrigée. Paris (P. Asselin, successeur de Béchet jeune et Labé ...) 1868.
- Ed. 13*: 1870 (Bot. Zeit. 30 Sep 1870), p. [i*-ii*], [i]-vi, [1]-458. *Copy*: NY. – Treizième édition ... [as ed. 12]. 1870.
- Ed. 14*: 1872, p. [i*-ii*], [i]-vi, [1]-458. *Copy*: MO.
- Ed. 15*: 1874, p. [i*-ii*], [i]-vi, [1]-458. *Copy*: NY. – Quinzième édition ... [as ed. 12]. 1874.
- Ed. 16*: 1879 (Nat. Nov. Mai (1) 1879, Bot. Zeit. 5 Dec 1879), p. [i]-xlvi, [1]-464. *Copy*: NY. – Seizième édition (considérablement modifiée). Paris (Asselin et Cie. ...) 1879.
- Ed. 17*: 1880 (Nat. Nov. Jul (1) 1880, Bot. Zeit. 38: 574. 13 Aug 1880, rev. by N.L.), p. [i]-xlvi, [1]-464. *Copy*: NY. – Dix-septième édition ([*id.*]). Paris. ([*id.*]). 1880.
- Ed. 18*: Jul 1882 (Bot. Centralbl. 7-12 Aug 1882, Bot. Zeit. 29 Sep 1882), p. [i]-xlvi, [1]-464. *Copies*: MO, NY. – Dix-huitième édition ([*id.*]). Paris. ([*id.*]). 1882.
- Ed. 19*: 1883, n.v. (Bot. Zeit. 30 Nov 1883), 510 p. (Nat. Nov. Oct (1) 1883).
- Ed. 20*: 1885, p. [i]-xlvi, [1]-464. *Copy*: NY. – Vingtième édition ... Paris (Asselin et Houzeau ...) 1885.
- Ed. 22*: 1891, p. [i]-xlvi, [1]-464. *Copy*: NY. – Vingt-deuxième édition ... Paris (Asselin et Houzeau ...) 1891. – Apparently eds. 17-22 were re-issues of ed. 16.
- 20.440.** *Flores partielles de la France comparées ...* Paris (Chez P. Asselin, ...) 1868. Oct. (*Fl. part. France comp.*).
- I*: 1868 (Bull. Soc. bot. France Feb 1869, Flora 23 Dec 1868), cover-t.p., p. [1]-359. *Copy*: B. – (Série des familles genres et species).
- 2*: 1868 (Bull. Soc. bot. France Feb 1869, Flora 24 Feb 1869), cover-t.p., p. [i], [1]-78, [77]-80 (err.). *Copy*: B. – (Catalogue des localités).

Bavoux, [Eugène] Vital (1821-1909), French botanist at Besançon. (*Bavoux*).

HERBARIUM and TYPES: Unknown, but some material in DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 143 (b. 28 Oct 1821, Sochaux, d. 26 Apr 1909, Besançon); Jackson p. 227; PR 523; Rehder 2: 602; TL-2/see indexes.

20.441. *Billotia*, ou notes de botanique publiées par V. Bavoux, A. Guichard, P. Guichard et J. Paillot. Ier Volume. Besançon (Imprimerie et Lithographie de J. Jacquin, ...) 1864(-1878). Oct. *Editors*: [E.] V. Bavoux, Albert Guichard (1822-1901), Paul Guichard (x-1909), Justin Paillot (1829-1891).

Publ.: 1864-1878 (p. 4, in part 1: 6 Apr 1864), p. [1]-148, 3 pl. *Copies*: G, L. – A continuation of C. Billot's *Annotations à la flore de France et d'Allemagne*, Haguenau 1855, TL-2/518.

Baxter, Edgar Martin (1903-1967), American amateur cactus "hobbyist". (*E.M. Baxter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Hortus 3: 1188; Kew 1: 185; Langman p. 118 (main bibl.).

BIOFILE: Castellanos, A. and R.A. Perez-Moreau, Lilloa 7: 171. 1941.
Correll, D.S. and M.C. Johnston, Manual vasc. pl. Texas 1768. 1970.
Knobloch, I.W., Phytologia Mem. 6: 7. 1983.
Munz, P.A., and D.D. Keck, A California flora 1552. 1959.
Wiggins, I.L., Fl. Baja Calif. 44. 1980.

20.442. *California Cactus*. A complete and scientific record of the Cacti native in California ... Los Angeles, California (Abbey San Encino Press.) 1935. Qu. (*Calif. Cact.*).

Publ.: 1935, p. [i-xi], [1]-93. *Copies*: HH, L, MO.

Note: Based on his papers in *J. Cact. Succ. Soc. Amer.* 3(4): 69-71, (5): 85-86, (6): 101-102, (7): 122-123, (8): 134-135, (9): 149-150, (11): 179-180. 1931, 5(4): 451-452, (7): 498-501, (8): 521-522, (10): 556-560, (12): 587-588. 1933, 6(1): 12-13, (2): 28, (3): 41, (5): 71-72, (6): 83-84. 1934. – With revisions published *California Cactus* 1935. – See Langman p. 118.

* **Baxter, William** (1787-1871), British (Rugby) gardener and cryptogamist, curator of the Botanic Garden Oxford 1813-1851, retired from this position in favour of his son William H. Baxter. (*Baxter*).

HERBARIUM and TYPES: OXF; further material at BM (diatoms), CGE, NMW. – Issued *Stirpes cryptogam[ic]ae oxoniensis* (2 fasc., 100 nos. 1825-1828, sets at B, BM, CGE, E, K, OXF, and *Flora thamensis* (1841-1844) with P.B. Ayses.
See: TL-2/1: 151-153.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 635; Barnhart 1: 143; BB p. 25; Blunt p. 213; BM 1: 115; Bossert p. 29; Clokie p. 127-128; CSP 1: 219, 12: 58; Desmond p. 48 (b. 15 Jan 1787, Rugby, d. 1 Nov 1871, Oxford); DNB 3: 438-439; GF p. 49; GR p. 389; IH 2: 61; Jackson p. 235; Kew 1: 185; Lasègue p. 499, 506; LS 1987-1988; MD p. 53-54 (analysis *Stirpes*); NI 107; PR 524, ed. 1: 610; Rehder 1: 398, 2: 151; TL-1: 23; TL-2/1: 151-153; Tucker 1: 65; Urban-Berl. p. 261; Zander ed. 10, p. 632, ed. 11, p. 718-719.

BIOFILE: Anon., *J. Bot.* 9: 380-381. 1871 (obit.), 10: 32. 1872 (library auctioned); *Gard. Chron.* 4 Nov 1871 (p. 16, 26); *Proc. Linn. Soc.* 1871-1872: lx-lxi. 1872; The manuscript papers of British scientists 1600-1940. 8. 1982.

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Stieber, M.T. et al., *Huntia* 4(1): 45. 1981 (2 letters).

Bay, Jens Christian [Ballien] (1871-1962), Danish librarian and botanical bibliographer, educated at the University of Copenhagen 1887-1892, emigrated to the U.S.A. 1892, naturalized 1896, assistant at the Missouri Bot. Garden, St. Louis 1892-1894, bacteriologist Iowa State Board of Health 1894-1897, assistant at Library of Congress, Washington, D.C. 1900-1905; at the John Crerar library, Chicago 1905-1947, ultimately, from 1928, as librarian. (*J.C. Bay*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 143 (b. 12 Oct 1876, Rudkøping); BL 1: 4; BM 6: 66; Christiansen p. 28, 137-139; CSP 13: 363; IH 2: 61; Kew 1: 185; Langman p. 118; Lenley p. 25; LS 1989-1993; MW p. 33; NI p. 255; Rehder 1: 3, 183; SK 1: cxviii; TL-2/see indexes; Tucker 1: 65.

BIOFILE: Anon., Bot. Zeit. 48: 561. 1890, 51(2): 255, 302, 334. 1893, 52(2): 95, 173. 1894, 54: 95. 1896, 67: 346. 1909 (lists various publications by B. on botanical subjects); Bot. Centralbl. 52(43): 142. 20 Oct 1892 (appt. MO); Who was who in America 4: 66. 1961-1968 (detailed info. on career and life).

Hansen, A., Dansk bot. Arkiv 21: [60]. 1963 (d. 12 Apr 1962).

Stieber, M.T. et al., Huntia 4(1): 45. 1981 (autograph at HU).

20.443. *Material for a monograph on the tannoids*, with special reference to vegetable physiology ... [Pamphlet without identification; 1893]. Oct.

Publ.: Jan-Mai 1893 (Nat. Nov. Jun (1) 1893), p. [1]-27. **Copy:** B. – “Reprinted in advance from the Annual Report of the Missouri Botanical Garden 1893: 61-87” – Fide Tucker 1: 65, apparently taken from a preprint cover (not with copy B). See also Christensen p. 138, no. 18.

20.444. *The Sturtevant prelinnean Library* of the Missouri Botanical Garden ... Reprinted from the Seventh annual Report of the Missouri Botanical Garden St. Louis 1896. Oct.

Authorship: J.C. Bay and C.E. Hutchins; preface signed by William Trelease.

Publ.: 1896, cover-t.p., p. 123-209. **Copy:** MO. – Reprinted and to be cited from Annual Rep. Missouri Bot. Gard 7: 123-209. 1896.

Supplement: 1903, cover-t.p., p. 233-316. **Copy:** MO. – Id. 14: 233-316. 1903. **Author:** C.E. Hutchins.

Reprint (photocopy), undated, **Copy:** FAS.

20.445. *Bibliotheca botanica* auctore Alberto de Haller. *Index emendatus* perfecit J. Christian Bay. Ad diem natalem Alberti de Haller ante hos ducentos annos Bernae nati celebrandum die xvi mensis octobris anni mdcccxcviii ... Bernae [Bern] (Benteli et Socii). 1908. Oct. (*Bibl. bot. ind. emend.*).

Publ.: 16 Oct 1908, p. [i-v], 1-57. Original copy n.v., reprinted in facsimile ed. of A. v. Haller, *Bibliotheca botanica*, facsimile ed. Bologna (Forni) 1967. – See TL-2/2313.

20.446. *Bibliographies of botany*. A contribution towards a *Bibliotheca bibliographica*. [Jena 1909] Oct.

Publ.: 1909, Reprinted from *Progressus rei Botanicae* 3: 331-456. 1909. **Copy:** HH; IDC 6497.

Ref.: BL 1: 4; BM 6: 66.

20.447. *Flora*, oder Allgemeine Botanische Zeitung ... *Gesamt-Register* für die Bände 26-100. Jena 1910. Oct.

Publ.: p. [i]-vi, [1]-264. **Copy:** Teyler. – See Christensen p. 139, no. 32.

Bayer, Adolf Joseph Wilhelm (1900-1978), South-African botanist, educated at Durban Boys High School 1913-1918, at University College 1919-1924, M.Sc. 1924, lecturer in botany, Natal University College 1925, professor of botany, University of Natal 1939-1967. (*Ad. Bayer*).

HERBARIUM and TYPES: NU (6000, orig. herb.), further material at NH, PRE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 143; IH 2: 61; Kew 1: 185.

BIOFILE: Anon., Natal Wildlife 12(3): 10. 1971 (portr.).

Bayer, A. [J.] W., S. Afr. J. Sci. 67(8): 401-411. 1971 (“Aspects of Natal’s botanical history”).

Bullock, A.A., *Bibl. S. Afr. bot.* 8. 1978.

Dyer, R.A., *Forum botanicum* 17(3): 24-25. 1979 (obit.); *Bothalia* 13(1-2). 244. 1980.

Gunn, M. and L.E. Codd, *Bot. explor. S. Africa* 91. 1981 (b. Hermannsburg, Natal, 8 Jan 1900, d. 8 Dec 1978, Kloof, Natal; curr. vit., portr.).

Jacot Guilarmod, A., *Musées de Genève* 38: 12. 1963; *Fl. Lesotho* 55. 1971.

20.448. *An account of the plant ecology of the coastbelt and midlands of Zululand ...* Reprinted from "Annals of the Natal Museum" ... 1938. Oct.

Publ.: Apr 1938 (in journal), cover-t.p., p. 371-454, *pl.* 15-20 (uncol. photogr.). *Copy*: L. – Reprinted and to be cited from *Ann. Natal Mus.* 8(3): 371-454, *pl.* 15-20. 1938.

Bayer, August (1882-1942), Czecho-slovak botanist, originally in Prague, lecturer in botany at the Agricultural University in Brno, professor and director of the Botanical Garden of Masaryk University, Brno, 1938-1942, died 23 Feb 1942 in the concentration camp Mauthausen. (*Aug. Bayer*).

HERBARIUM and TYPES: Private (fide Klášterský).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 143; BJI 2: 7; Futak-Domin p. 96-97; Klášterský p. 56 (b. 6 Mar 1882, Jicín, d. 23 Feb 1942, Mauthausen); LS suppl. 2073-2074.

BIOFILE: Anon., *ÖBZ* 75: 196. 1926 (appt. Brno).

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Slavík, B., *Preslia* 54(3): 257. 1982 (brief biogr., died in the concentration camp Mauthausen).

Zlatník, A., *Storn. Kl. přír. Brno* 27: 7-11. 1946.

20.449. *Zur Morphologie der Rhizome von Pteris aquilina ...* Prag (Verlag der kgl. böhmischen Gesellschaft der Wissenschaften ...) 1903. Oct. (*Morph. Rhiz. Pteris aqu.*).

Publ.: 15 Mar 1903 (date on cover-t.p.), cover-t.p., p. [1]-8, *1 pl.* (uncol. lith. auct.). *Copy*: L. – Reprinted and to be cited from *S.B. böhm. Ges. Wiss., math. nat. Cl.* 1903: 1-8, *1 pl.* 1904.

20.450. *Zur Deutung der weiblichen Blüten der Cupressineen nebst Bemerkungen über Cryptomeria ...* Sonderabdruck aus "Beihefte zum Botanischen Centralblatt" ... 1907. Oct.

Publ.: 1908 (date on cover-t.p.), cover-t.p., p. [27]-44, *pl.* 4 (uncol. "lith." auct.). *Copies*: B, L. – Reprinted and to be cited from *Beih. Bot. Centralbl.* 33 (Abt. I): 27-44, *pl.* 4. 1908.

* **Bayer, Edvin** (1862-1927), Bohemian palaeobotanist, lichenologist and botanical historian, studied at the Technical University Prague, assistant to Čelakovský in the Department of Botany of the National Museum in Prague 1887, idem at the Botanical Institute of the University of Prague 1892, Dr. phil. Prague 1891, adjunct at the National Museum 1895, from 1903 (or 1902) curator of the botanical collection, ultimately director of the Department of Botany ib. (*E. Bayer*).

HERBARIUM and TYPES: PR (3000, mainly lich.). – Further material at B, FI, KIEL (Bryoph.), W (63 Lich.), WRS� (Lich.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 143; BM 1: 115, 6: 66; Bossert p. 29; CSP 13: 364; Futak-Domin p. 97, 209; GR p. 668; IH 2: 61; Klášterský p. 56 (b. 1 Dec 1862, Chotebor, d. 17 Mar 1927, Prague); LS suppl. 3: 33.430; Quenstedt p. 26; Rehder 1: 438, 2: 47, 3: 330, 339; TL-2/1: 154.

BIOFILE: Anon., *ÖBZ* 53: 263. 1903 (appt. curator Natl. Mus.); *Preslia* 49(1): 8. 1977.

Beran, J., *Prameny k. DejinaŃ Přírod. ...* 1918-1945, Praha, CSAV. 106. 1976.

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Nemejc, F., Vestník 3(2-3): 69-73. 1927; Veda Prír. 9: 151-155. 1928.
 Podpera, J., Nase Veda 8: 181. 1926.
 Prochazka, J.S., Čas. nar. Mus., Praha, odd. prirod. 101: 57-58. 1927.
 Vilhelm, J., Preslia 5: 230-231. 1927 (obit., portr.).

Bayer, Johann Nepomuk (1802-1870), Austrian botanist, born in Gross-Krosse/Velká Kras, in former Austrian Silesia [now Czechoslovakia], general railroad inspector in the Austrian-Hungarian Empire, mainly stationed in Vienna, sometime in Pest [Budapest] 1852 [- ca. 1855]; collected and published on the flora of Lower Austria, Moravia, Bohemia and Austrian Silesia (*J.N. Bayer*).

HERBARIUM and TYPES: BP (in the Joseph Pantocsek herbarium; rich in *Tilia* and *Rubus* (see TL-2/4: 46; bought by Pantocsek then in Pressburg/Bratislava). Further material in B, BRNU, BUC.

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BIOFILE: Anon., ÖBW 2: 389. 1852 ("Bahnamts-Verwalter in Pesth [Budapest]"), 12: 396. 1 Dec 1862 ("Eisenbahn-Generalinspektor in Wien"), 20: 91. 1870 (d. 14 Mar 1870, Steyr), 21: 152. 1871 (herbarium bought by "Med. Cand. Pantocsek" in Pressburg [Bratislava]).

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Gärten wildwachsenden und angebauten Pflanzen ... Wien (Wilhelm Braumüller) 1869. Oct. *Publ.*: Mai-Aug 1869 (Bot. Zeit. 5 Nov 1869, Flora 10 Nov 1869, ÖBZ review 1 Sep 1869), p. [i]-xl, [1]-104, [105, adv.]. *Copies*: B-S, G, NY.

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Bayle-Barelle, Giuseppe (1768-1811), Italian botanist, professor of agriculture at the University of Paris. (*Bayle-Barelle*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 1: 116; CSP 1: 220; LS 1994-1995, 5528; PR 528-530, ed. 1: 612-616; Saccardo 1: 24, cron p. xv.

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Publ.: 1808, p. [i-vi], 1-58, pl. 1-20. *Copies*: G, MO (of plates only nos. 3 and 7), MO (pl. 7 only).

* **Bayrhammer, Johann Daniel Wilhelm** (1793-1868), German cryptogamist, educated at the Gymnasium of Frankfurt a.M., trained to be a book printer in his father's establishment; printer in Vienna 1818, idem in Greece (Chios) 1819-1821, from then onward dedicating himself to botany, travelled in Switzerland 1821-1823, in Sweden and Lapponia 1828, id. Italy and Hungary 1832-1834, from 1834-1846 living in Altweilnau, Taunus, ultimately in Lorch. (*Bayrh.*).

HERBARIUM and TYPES: FR (fungi, musci); further material at B (musci), H, LZ (Lich. destr.), M (lich.).

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Publ.: 1849, cover-t.p., p. [i-iv], [1]-101, [i]-xiv. *Copies*: B, NY. – Issued as Jahrb. Ver. Naturk. Herzogthum Nassau 5, 1849.

Bazot, [Marie] Louis (1825-1910), French botanist at Dijon, professor at the University of Dijon, "officier de l'instruction publique". (*Bazot*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 144 (d. 14 Jun 1910, Dijon); BL 2: 142, 179; Rehder 1: 417; Tucker 1: 65.

BIOFILE: Anon., *Le Monde des Plantes* 7: 73. 1898.

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Publ.: 1893, cover-t.p., p. [1]-269. *Copies*: B, G. — Also issued as *Mém. Soc. Sci. Arts Vitry-le-François* 17: 61-329. 1893. — See BL 2: 179.

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Titles of *exsiccatae* are included, printed in italics, and titles of journals taken from the surname of botanists are printed in capital letters. Both kinds of entry include, in parentheses, the surname of the person concerned preceded by the initials of his first name with the word *see* in italics.

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(1) When a second title of the same author is mentioned in the treatment of a book or paper, the index entry for the former refers to the number of the latter.

(2) It sometimes happens that in the treatment of one book or paper by author A, the title of a book or paper by author B is mentioned; this situation is indicated in the index by parenthetically instructing the user to *see* the number assigned to A's title.

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Index to Names

This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. Also included are abbreviations listed for author names. The names of ships that carried exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip.

There are however, a number of explanations and cautions:

(1) The abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters have been dropped. Such abbreviations are alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initials follow the abbreviations even though the suggested abbreviation in the text is preceded by the initials.

(2) Names beginning with "Mc", or "Mac" are treated as if spelled "Mac" in combination with the rest of the name as one word (MacDonald).

(3) Similarly, double names whether hyphenated or not, names beginning with "Da", "De", "Des", "Do", "Du", "La", "Le" etc. are alphabetized as if they were one word under the first letter of the word ("Candolle" for "de Candolle" is one of several exceptions where established usage is not conform this convention). The same holds for Flemish and American names that begin with "Van". If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter (the user can find "de Candolle" in both the "d" and "c" part of the index). Hyphenated double names are not, however, cross-referenced under the last part.

(4) For purposes of the index, "a", "af", "van" (in Dutch names), "von", "y", "zu" etc. are ignored.

(5) Names of authors of publications cited in the biography/bibliography sections are omitted from the index.

(6) "Aiton, W.T. 18.985" (italic number) refers to that part of the text just preceding the treatment of booknumber 18.985, as well as to the book itself. "Aiton, W.T. 20.200" (roman number) means there is a reference to W.T. Aiton in the information concerning book 20.200, which is by an author other than W.T. Aiton. "Aiton, W. *see* Aiton, W.T." indicates mention of W.T. Aiton in the author-paragraphs under W.T. Aiton.

(7) An author's name with the notation "*alph.*" indicates a person, who is included in the text for one or more reasons, but who did not publish items treated in this guide ("Aiton, W. (*alph.*)").

(8) The notation "v." is used to connect the abbreviation of a personal name with the name in full to explain the meaning of the suggested abbreviation. It is also used as a means of cross-referencing double names, maiden names of female botanists who have published under both names, and names of

authors, who have used more than one name for their publications. Finally, when a name frequently is used with initial(s) differing from the correct one(s), or in case of different spelling of a name, "v." is used to connect the various versions of the name.

(9) References to Linnaeus occur so frequently that they are omitted from this index.

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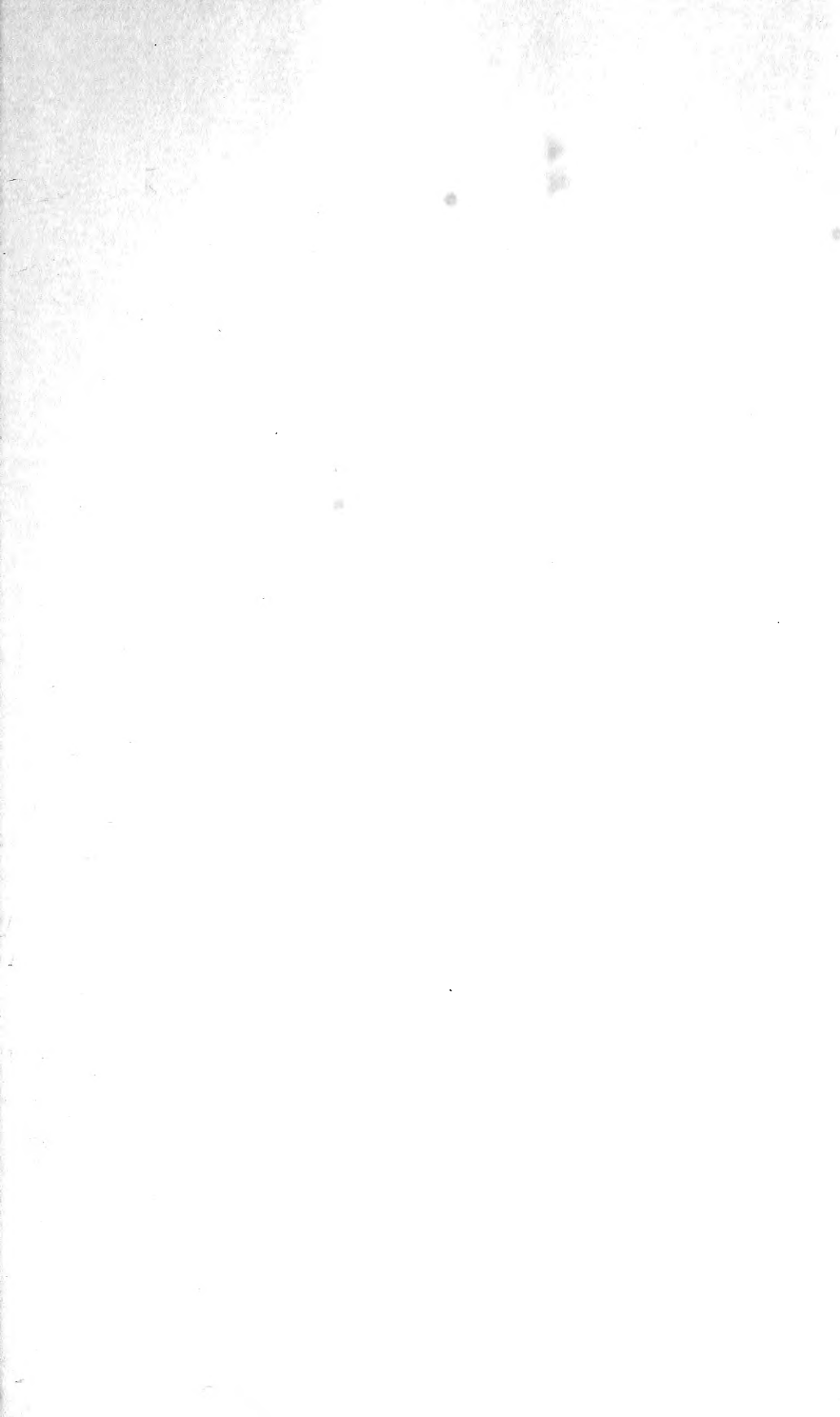
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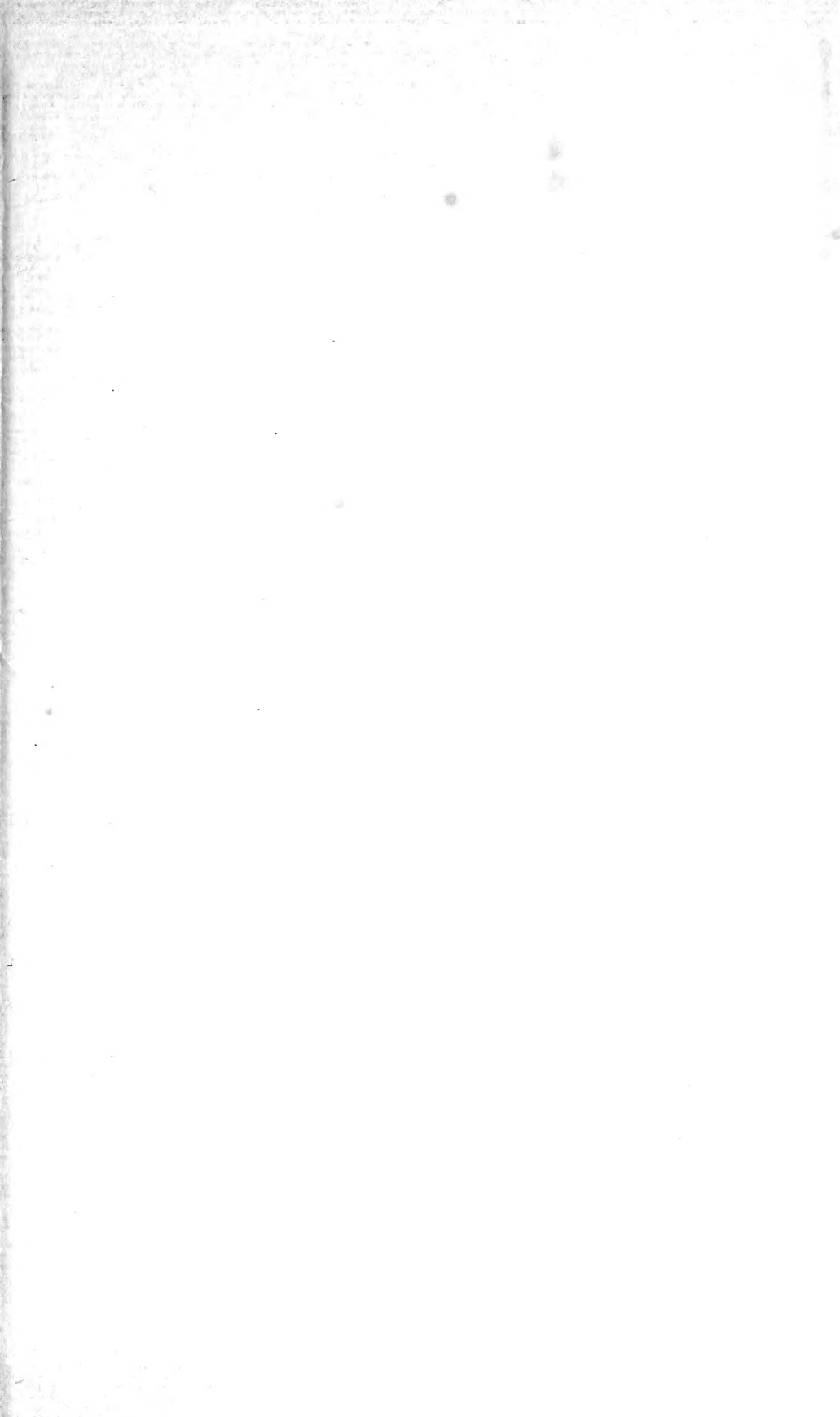
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