

# HUNTIA

A YEARBOOK OF BOTANICAL AND HORTICULTURAL BIBLIOGRAPHY

VOLUME 1

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THE HUNT BOTANICAL LIBRARY

CARNEGIE INSTITUTE OF TECHNOLOGY

PITTSBURGH PENNSYLVANIA

## HUNTIA

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HUNTIA is a yearbook devoted to studies of the literature on systematic botany and horticulture, botanical voyages and explorations, early agriculture, medical botany, and the related subjects of botanical biography, iconography, and bibliography.

While HUNTIA serves primarily as a record of investigations at The Hunt Botanical Library, its pages are open also to papers from scholars of other institutions.

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## Announcement: «Bibliographia Huntiana»

THE HUNT BOTANICAL LIBRARY announces the initiation of a project to produce a multivolume work to be known as *Bibliographia Huntiana*; a publication to serve as a guide to the world's botanical literature published during the period 1730 to 1840. This project will consume a major portion of the time and effort of the staff of the library for at least the next decade. The finished work is to comprise an estimated sixteen quarto volumes. It will include comprehensive treatments of all pertinent books, pamphlets, preprints, and effectively published exsiccatae, and will cite also the periodical literature of the authors concerned and published during the period. An attempt will be made to treat all books and articles dealing with plants from a botanical point of view.

Preparation and production will be under the general supervision of an advisory Editorial Board consisting of the director of the Hunt Botanical Library, G. H. M. Lawrence *ex officio*, and three appointed members, J. S. L. Gilmour, F. A. Stafleu, and Rogers McVaugh, Chairman. The actual work of preparation will be that of several bibliographers, including a part of the permanent staff of the library. Persons currently engaged in full time bibliographic work on the project include its Coordinator, Günther Buchheim (on leave from the Berlin Botanischer Garten und Museum), Ian MacPhail, Willem D. Margadant, Katharina Poppé, Frits Schütz, and Claude Weber.

Preliminary planning has been under way since the dedication of the library in October 1961. A list of most of the items for inclusion (exclusive of papers in the periodical literature) should be in hand within a year, a goal that seems attainable because of rapid processing of data made possible by the use of electronic computers.

A project of the kind and scope described above is thought to be most appropriate as a part of the continuing program envisioned for the Hunt Botanical Library; a library that is rich in collections of published and unpublished materials in these fields, and especially of the Linnaean and pre-Linnaean periods. The special interests of the library staff—primarily

in the fields of bibliography, biography, and history, particularly as these relate to taxonomy and horticulture—are most pertinent to a study of this nature. The library is being developed by selective accessions and by suitable additions to the staff, to serve as a center for the documentation essential to research in the literature of botany.

#### PLAN AND SCOPE OF THE WORK

No guide to the world's botanical literature has been published in modern times. Special bibliographies, like those of Nissen, Krok, Soulsby, and Jackson, to name but a few, are limited in scope and differ in their treatments of subject matter. The most widely known index to botanical literature, Pritzel's *Thesaurus literaturae botanicae*, lists some 15,000 titles and covers the period from the beginning of printing in Europe until about 1860. Pritzel does not list periodical literature, nor does he include more than a minimum of information about authors, review articles, translations, and multiple editions. *Bibliographia Huntiana* will attempt complete coverage of these areas and will thus provide, for the period 1730-1840, an annotated guide rather than an index to the botanical writings of the period. It is thought that in the preparation of *Bibliographia Huntiana* the staff of the Hunt Botanical Library will examine and treat approximately 18,000 volumes, of which about 4,500 will be available on their own shelves, 8,000 in other libraries in the United States, and the rest in Europe.

The period covered by *Bibliographia Huntiana* has been somewhat arbitrarily delimited; the beginning date of 1730 was set to permit the inclusion of all the writings of Linnaeus, and the terminal date of 1840 was set because of the introduction of machine printing about this time and the extraordinary multiplication thereafter of all botanical publications and especially of periodical literature. The century beginning in 1730 is a critical one in the history of botany, for during this century systems of classification crystallized, modern nomenclature had its beginnings, knowledge of the world's floras greatly increased, and publications in all branches of botany burgeoned enormously. International communication among botanists, however, lagged behind production, and the need for international agreements did not arouse botanists to action for almost a century after the death of Linnaeus. Partly as a result of this lack of coordination in a rapidly expanding branch of science, partly because the full extent of the complexity of the plant world and of the attendant nomenclatural problems was not foreseen, and partly because of the vagaries of the manually operated printing press, the botanical literature of the 18th and early 19th centuries is replete with duplications of effort, inadequately documented

or carelessly published works, variant and pirated editions, questions as to the authenticity of alleged authorship, and innumerable uncertainties as to actual dates of publication. The need for an authoritative and comprehensive guide to the literature of the first century of modern taxonomic botany has been keenly felt, especially since the publication of Otto Kuntze's *Revisio generum plantarum* (1891-1898), when it became apparent that rigid adherence to a formal code of nomenclature would be impossible without a knowledge of, and access to, the early literature.

The arrangement of *Bibliographia Huntiana* will be alphabetical by author. The name of each author will be followed by a short sketch of his life, accompanied by references to published biographical material. The author's botanical works will then be treated in chronological sequence. Each title, whether from the periodical literature or an independent publication, will be assigned a serial number (to become known as the "Hunt Number"), the single sequence of numbers to continue through the entire work. Editions other than the original one, and translations, published within the period, will also be treated fully and numbered independently. Editions outside the period will be treated briefly, but will not be assigned a Hunt number.

Treatments of individual books will vary in length, depending upon their importance, upon the circumstances at the time of publication of each, and upon many other factors. In other respects, however, the items will be treated as uniformly as possible. Each entry will begin with a short title, sufficient for ordinary purposes of identification, preceding brief citation of place and date of publication. In the case of independent publications the short title will be followed by a facsimile reproduction of the title-page of the work, and then in turn by a collation, by a summary mention of contemporary reviews, by citations of later published notes on bibliography, criticism, correspondence about the work, etc. Treatments, when appropriate, will include discussions of the importance and influence of the volume in question, notes on dates of publication, historical connections with similar works, and other data relevant to bibliographical research.

Articles in periodicals will be treated similarly, but usually more briefly. Title and full citation of each will be given. Discussion of articles published elsewhere, if appropriate, and mention of critical notes or reviews, if available, will be included. A full description and bibliographical treatment will be given for each periodical concerned in the volume preceding the final and index volume of *Bibliographia Huntiana*.

Reproduction of all title-pages in facsimile of all independent publica-

tions has not been attempted heretofore in any work of this scope. The use of photographic reproductions in place of the conventional transcriptions of title-pages will contribute to the greater accuracy of the final result, will also make *Bibliographia Huntiana* more interesting and attractive, and will preserve in a modern work some of the flavor of bygone centuries. By the use of a quarto page-size and a two-column format, most title-pages can be reproduced at a uniform width of 2½ inches, with an included scale to indicate amount of reduction, and with a minimum of wasted space. Employment of the offset method of printing, in combination with the two-column format, will provide a flexible, efficient, and economical method of combining illustrations of a uniform size with the printed text.

A comprehensive index to titles of books, articles, and periodicals, and to names of authors, artists, booksellers, engravers, printers, and publishers will comprise the concluding volume of *Bibliographia Huntiana*. In the preparation of the index, and in the arrangement and selection of the material in the body of the work, greatly increased speed and accuracy will be made possible through the use of modern electronic computers.

#### COMPILATION AND PREPARATION

Preliminary steps toward the preparation of a list of titles are well under way. The basic list is being compiled from entries in both editions of Haller *Bibliotheca botanica* (1771-72), Pritzel *Thesaurus literaturae botanicae*, eds. 1 & 2 (1851, 1872), Nissen *Die botanische Buchillustration* (1951), Krok *Bibliotheca botanica suecana* (1925), Soulsby *A catalogue of the works of Linnaeus*, ed. 2 (1933), and Jackson *Guide to the literature of botany* (1881). The data from this primary list, and data from other sources as they are received, are put on computer tapes. From these tapes an alphabetical print-out will be prepared in multiple copies for staff use. This will serve as a master list of titles to be included and revised print-outs will follow as additional titles are received (*e.g.*, as a result of the compilation of references to reviews in the periodical literature, and from checking against the holdings of the major botanical libraries). This use of electronic computers will make it possible to organize and select data in various ways, and quickly to eliminate duplication.

Bibliographic analyses of individual works and the production of photographic copies of title-pages have begun at the Hunt Botanical Library itself and will be continued in other libraries in the United States and in Europe after as much as possible has been accomplished in Pittsburgh. Much of the textual material is already available as a result of the preparation and publication of the *Catalogue of botanical books in the library of Rachel McMasters Miller Hunt*, the third volume of which is now in preparation.

No effort will be spared to make *Bibliographia Huntiana* as complete and as useful as possible, not only to botanists in the specialized fields of taxonomy and nomenclature, but also to horticulturists, historians, librarians, bibliophiles, and all those interested in what has been written about plants during the period of coverage. Comments and suggestions concerning changes, improvements, or additions will be welcomed by the Editorial Board and should be sent to this library.

Rogers McVaugh, *Chairman*

#### SAMPLE ENTRY

Botanical works of the *Bibliographia Huntiana* period vary so greatly in character and complexity that it is not possible to select any one title as representative of all. It is, however, desirable to provide interested readers with an example of the kind of treatment proposed for included botanical and horticultural books. The account prepared for L'Héritier de Brutelle's *Sertum anglicum* is reproduced below for this purpose. While details of format and typography are subject to change, this sample is believed representative of a considerable number of entries. For many there are no problems of publication date, and for others there may be no known contemporary reviews or other studies. Present plans call for chronological intercalation, among multiple book titles by the same author, of the papers published by that author in the periodical literature. Papers published by that author in periodicals before or after the period of *Bibliographia Huntiana* will not be included. The presentation of data, and an explanation of the abbreviations and conventional bibliographic symbols employed in the sections on *collation* and *contents* are explained elsewhere in this yearbook (*cf.* pp. 108-110).

#### L'HERITIER DE BRUTELLE, Charles-Louis (1746-1800)

Born, Paris, 15 June 1746. Superintendent of waters and forests of Paris region, 1772-75; counsellor, *Cours des Aides*, Paris, 1775-93. Married Thérèse-Valère Doré, 1775 (who died 1794), 5 children. Engaged and trained P.-J. Redouté as botanical artist, 1784-89. Fled to London with Dombey herbarium Sept. 1786, worked at Joseph Banks herbarium and library until Dec. 1787, preparing much of *Sertum anglicum* while there. Murdered near his Paris home by unknown assailant night of 16 August 1800. Commemorated by the generic names *Heritiera* W. Aiton (*Sterculiaceae*) and *Heritiera* J. F. Gmelin (*Haemodoraceae*) [= *Lachmanthes* S. Elliott].

BIOGRAPHY: Stafleu, F. A.: "L'Héritier de Brutelle: the man and his work." In: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, pp. xiii-xliii. Pittsburgh, 1963. Includes citations of earlier biographies.

CAR. LUD. L'HERITIER, Dom. DE BRUTELLE,  
*In Aulâ Jovian. For. Reg. Consil.*

# SERTUM ANGLICUM,

SEU

## PLANTÆ RARIORES

QUÆ IN HORTIS JUXTA LONDINUM,

IMPRIMIS

IN HORTO REGIO KEWENSI

EXCOLUNTUR.

Ab anno 1786 ad annum 1787 observate.

PARISIIS,

TYPIS PETRI-FRANCISCI DIDOT.

Prestit	{	PARISIIS, apud {	LUD. NIC. PRÉVOST.
			THEOPHIL. BARBOIS.
		LONDINI, apud PETR. ELSLEY.	
		VIENNE et LISIÆ, apud RUD. GRÆFFER.	
		ARGENTORATI, apud AMAND. KOENIG.	

1788.

000 *Sertum anglicum*. Paris, 1788 [1789-1792]

COLLATION: Broadsheet: 1-20; 20 unsigned leaves; [iv] 1 2-36.

CONTENTS: 1 title, 1<sup>v</sup> [.]. 2<sup>r</sup> preface, dated "Parisiis 20<sup>a</sup> Aprilis 1788," 2<sup>v</sup> quotation from Thomson's *Seasons*. 3-18 text, headed "Synopsis Operis" arranged according to Linnaean classes. 18<sup>rv</sup> Addenda et emendanda. 19-20 descriptions of the plants depicted on the plates, beginning with "Witheringia". Running titles vary with classes. Text in Latin.

PLATES: 35 uncolored copper engravings of plants, numbered 1-15, 15 bis, 16-34, titled with binomials at foot; plates unfolded, with the exception of pls. 11, 12, 14, 15, 15 bis, 16, 18, and 19, which are folded; 399 mm. × 275 mm. (pl. 1) or 542 mm. × 400 mm. (pl. 14); pl. 1 facing pp. 33 or 34, pl. 2 facing pp. 35 or 36; pls. 3-34 without corresponding text (pls. 35-43 are cited in the text but were not published); indexed in Stapf, *Index londinensis*. (Pl. 3 is named *Campanula Prismaticarpus* and pl. 19 *Koëlreuteria paniculata*, while the text on pp. 2 and 18 respectively reads *Prismaticarpus nitidus* and *Koëlreuteria paullinioides*).

#### ILLUSTRATORS:

*Artists*: BRUGUIÈRE(S), JEAN-GUILLAUME (1749-1799), French traveller and zoological author: 2 plates (pls. 13, 17). Biogr.: "Bruguères (Jean-Guillaume) 1749-1799," *Nouv. Biogr. Générale*, ed. Hoefer 7: 586. 1855. PERNOTIN, B. (?) (dates unknown), French artist, working in London: 1 plate (pl. 14). REDOUTÉ, PIERRE-JOSEPH (1759-1840), Belgian artist, living in Paris, joined L'Héritier in London in 1786 to prepare drawings for this work: 22 plates (pls. 2, 8, 10-12, 15, 15 bis, 16, 18, 19, 20 (signed "L. J. Redouté"), 21, 23-25, 27, 28, 30-34). Biogr.: Madol, R.: "The Life of Redouté" in: Sitwell, S., and Madol, R., *Album de Redouté*, pp. 11-15.



London, 1954; Stafleu, F. A.: "Redouté—Peintre de Fleurs" in: *A catalogue of Redoutéana exhibited at the Hunt Botanical Library 21 April to 1 August 1963*, pp. 1-32. Pittsburgh, 1963 (includes citations of earlier biographies). SOWERBY, JAMES (1757-1822), English artist: 10 plates (pls. 1, 3-7, 9, 22, 26, 29, all signed "Jac. Sowerby"). Biogr.: Woodward, B. B.: "Sowerby, James." *Dict. Nat. Biogr.* 18: 713-715. 1921-1922 (reprinted).

*Engravers*: GUYARD, JEAN-BAPTISTE [senior] (dates unknown, fl. in 1700's): 5 plates; HUBERT, FRANÇOIS (1744-1809): 10 plates; JUILLET, JACQUES (1739-X): 6 plates; MALEUVRE, PIERRE (1740-1803): 11 plates; MILSAN, — (dates unknown): 1 plate; VOYSARD, ETIENNE-CLAUDE (1746-1812): 2 plates (signed "Steph. Voysard"). Ref.: Blunt, W.: "The illustrators of *Sertum anglicum*" in: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, pp. lxi-lxvi. Pittsburgh, 1963.

PAPER: Carré (419 × 541 mm), white, laid, without watermarks in letterpress or the unfolded plates. Folded plates: Grand-Jésus (528 × 704 mm), white, laid, with watermark "IHS" and cross, countermark "DTC."

PRINTER: Didot, Pierre-François (1731 or 1732—1793 or 1795). Biogr.: *Biogr. Univ.* Ed. 2. 6: 175. 1845.

DATES OF PUBLICATION: The work was published in 4 fascicles, from 1789 to 1792. Fasc. 1, pp. [i]-[iv], 1-36, pls. 1-2: January 1789. Fasc. 2, no text, pls. 3-12: May 1790. Fasc. 3, no text, pls. 13-15, 15 bis, 16-24: April 1792. Fasc. 4, no text, pls. 25-34: late 1792. (Rarely a leaf in F°, watermark "BRF" and a heart, is present, listing the plates of this fascicle. The conjugate leaf is absent.)

REVIEWS: *Obs. Phys. Hist. Nat. Arts* 34: 19. Jan. 1789; *op. cit.* 36: 24. Jan. 1790. *Alg. Konst Letter-bode* 2: 60. Feb. 1789; *op. cit.* 6: 77. 11 Mar. 1797. *Göttingische Gelehrte Anz.* 1789: 116. 11 Jul. 1789; *op. cit.* 1791: 343. 26 Feb. 1790; *op. cit.* 1792: 1695. 22 Oct. 1792. *Mag. Bot. Römer et Usteri* 5: 184. 1789 sem. 2; *op. cit.* 6: 58. 1789 sem. 2. *Monthly Rev. London* 80: 640. Jun. 1789 ("a few sheets"); *op. cit.* ser. 2. 1: 47. Jan. 1790. *Med.-Chir. Zeit. Salzburg* 1790 (2): 444. 24 Jun. 1790. *Allgem. Litt. Zeit.* 1790 (4): 800. 27 Dec. 1790. *Ann. Bot. Usteri* 1: 160. Sept.-Nov. 1791; *op. cit.* 5: 109. 1793 prim.

BIBLIOGRAPHICAL STUDIES: Kuntze, O.: *Revisio generum* 3(2): 154. 1898; Britten, J., and Woodward, B. B.: *Journ. Bot.* 43: 272. 1905; Léger, C.: *Redouté et son temps* p. 151, 1945; van Steenis-Kruseman, M. J., et Stearn, W. T.: *Flora malesiana* I. 4: CXCVII. 1954; Hunt Cat. 2: 468-469. 1961; Rickett, H. W., and Stafleu, F. A.: *Taxon* 10: 113. 1961; Stafleu, F. A.: in: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, pp. xxxix-xl. 1963; Stafleu, F. A. *Taxon* 12: 71. 1963.

REFERENCES: Br. 3: p. 1044; *Cat. Redoutéana* 3; Dun. 248; Gr. 4: p. 193; Hunt Cat. 692; Jack. p. 413; Madol 18; M-W. p. 272; N. 1189; Pr. 5270; Rehd. 1: p. 53; S-B. p. 65.<sup>1</sup>

EDITIONS OR IMPRESSIONS: A limited number of copies of the original edition was printed on special wove paper (*papier vélin*); presumably the paper size is Grand-Jésus (528 × 704 mm.) since those plates folded in the impression on ordinary paper are here inserted unfolded. The only copy known is at the Bibliothèque Nationale, Paris. Cf. Stafleu, F. A., in: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, xxxvii. 1963.

<sup>1</sup> Standard reference works will be cited in abbreviated form. Those cited here are: Br.=Brunet, Dun.=Dunthorne, Gr.=Graesse, Jack.=Jackson, M-W.=Merrill & Walker, N.=Nissen, Pr.=Pritzel, Rehd.=Rehder, S-B.=Sitwell & Blunt. Item numbers have no identifier, but page numbers are so identified.

NOTES: The work was published during the French revolution, when L'Héritier lost his fortune, thus the absence of the text intended to accompany pls. 3 to 34 and of pls. 35-43 (referred to in the text of the Synopsis operis). It is questionable whether the drawings for pls. 35-42 were made at all, although L'Héritier wrote to Dryander, custodian of the Banks collections at London, in 2 October 1788, that a drawing of pl. 43 had been executed. Neither this drawing nor the manuscript for the text to pls. 3-34 (or to pls. 35-43, if ever conceived) have been found. Twenty-seven complete copies are known. The work is important for the large number of new taxa described, and for the illustrations. The generic names *Pitcairnia*, *Agapanthus*, and *Eucomis* are now conserved (cf. Lanjouw *et al.*, *International code of botanical nomenclature*. Utrecht, 1961, p. 239 [no. 878], p. 242 [no. 1046], and p. 243 [no. 1088]). L'Héritier deliberately changed several names, especially when transferring species to other genera; all of these are illegitimate. For modern names for these plants see Gilmour, J. S. L., King, C. J., and Williams, L. H. J., in: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, pp. xlviii-lvii. 1963. Of the 35 plates included, 31 depict for the first time the species represented, and for seven species no evidence of subsequent illustration is known.

Facsimile edition: *Sertum anglicum 1788. Facsimile with critical studies and a translation*. The Hunt Botanical Library, Pittsburgh, Pennsylvania, 1963. Number 1 of the Hunt Facsimile Series.

4°: c + [iv] + 36 + [14] pages. 37 plates, frontispiece, 1 text illustration. Contents: pp. vii-x foreword by the editor, G. H. M. Lawrence. Pp. xiii-xliii "L'Héritier de Brutelle: the man and his work," by F. A. Stafleu; pp. xlv-lix "The plants of Sertum Anglicum," by J. S. L. Gilmour, C. J. King, and L. H. J. Williams; pp. lxi-lxvi "The illustrators of Sertum Anglicum," by W. Blunt; pp. lxix-xci. "Sertum Anglicum in English translation," by M. Duman, L. Kral, and R. Weakland. Pp. [i]-[iv], 1-36, pls. 1-15, 15 bis, 16-34, as in original edition. Pp. [1]-[11] indexes.

000 *Sertum anglicum*. Ed. 2. Paris, 1788 [after 1800?].

Title-page, text, and plates unchanged from original edition. F°. [iv] + 20 pp., 35 pls. Paris, Didot. Published probably as a single work (not in parts) after 1800.

REFERENCES: *Cat. Redoutéana* 3; M-W. p. 272; Rehd. 1: p. 53; Stafleu, F. A., in: L'Héritier de Brutelle, C.-L., *Sertum anglicum*. Hunt Facsimile Series No. 1, p. xxxvii. 1963.

NOTES: This folio edition, whose page size measures 340 mm × 500 mm, is sometimes designated as the 20-page edition. The text was reset with no significant changes, and the plates appear to be of the original edition. It is assumed that Didot brought it out after L'Héritier's death, when it was known that no text for the other plates would be produced. Nine copies are reported by Stafleu, *op. cit.* p. xxxviii. 1963. A tenth copy has since been located.