

A CATALOGUE OF
THE ELLIS COLLECTION
OF
ORNITHOLOGICAL BOOKS
IN THE
UNIVERSITY OF KANSAS LIBRARIES

Compiled by

ROBERT M. MENGEL

Edited by

ALEXANDRA MASON AND JAMES HELYAR

Volume 2

C—D

Lawrence, Kansas

1983

UNIVERSITY OF KANSAS PUBLICATIONS

Library Series, 48

Edited by James Helyar

A CATALOGUE OF
THE ELLIS COLLECTION
OF
ORNITHOLOGICAL BOOKS
IN THE
UNIVERSITY OF KANSAS LIBRARIES

Compiled by

ROBERT M. MENGEL

Edited by

ALEXANDRA MASON AND JAMES HELYAR

Volume 2

C—D

Lawrence, Kansas

1983

Printed in Lawrence, Kansas, U.S.A.
by the University of Kansas Printing Service

Additional References

(for main list, see Volume I, pp. xxvii-xxix)

- Freeman *The Works of Charles Darwin: an annotated bibliographical hand-list.* By R. B. Freeman. 2nd ed., revised and enlarged. Folkestone, Kent, Dawson, 1977.
- Peckham *The Origin of Species, by Charles Darwin: a variorum text.* Edited by Morse Peckham. Philadelphia, University of Pennsylvania Press, 1959.

CAILLIAUD, FRÉDÉRIC (1787-1869)

455. 1823-27. *Voyage / a Méroé, au Fleuve Blanc, / au-delà de Fâzoql [Fazoql (Vols. 2-4)] / dans le midi du Royaume de Sennâr, / a Syouah et dans cinq autres oasis; / fait dans les années 1819, 1820, 1821 et 1822, / Par M. Frédéric Cailliaud, de Nantes, / Associé Correspondant de la Société Académique de Marseille [Etc., 2 lines]. / Accompagné de Cartes géographiques, de Planches représentant les monumens de ces / contrées, avec des détails relatifs à l'état moderne et à l'histoire naturelle. / Dédié au Roi. / Tome premier [-quatrième]. / [Device] / Imprimé [Imprime (Vol. 4)] / par autorisation du Roi, / a l'Imprimerie Royale. / 1826 [1826; 1826; 1827].*

Title of atlas (2 vols.) as follows:

Voyage / a / Méroé, / au Fleuve Blanc, / au dela de Fâzoql / [Idem, 4 lines.]¹ / Dédié au Roi. / Ouvrage publié par l'auteur, rédigé par le même / et par M. Jomard, / Membre de l'Institut Royal [Etc., 1 line]. / Accompagné de Cartes géographiques et topographiques, de Planches représentant les monumens de ces contrées, / avec des détails relatifs à l'état moderne et à l'histoire naturelle. / [Device] / Paris, / de l'Imprimerie de Rignoux. / M DCCC XXIII.

4 vols., text, 8vo (21.0 × 13.0 cm); 2 vols., atlas, folio (52.6 × 36.5 cm).

Vol. I: pp. [4], i-xv [xvi], 1-429; engr. col. plates 1-4.

Vol. II: pp. [4], 1-442; engr. col. plates 1-4.

Vol. III: pp. [4], 1-431; engr. col. plates 1-4.

Vol. IV: pp. [4], 1-416; engr. col. plate 1.

Atlas (I): 17 leaves; lith. plates I-LXXV.

Atlas (II): 10 leaves; lith. plates I-LXXV (plates LVIII-LXV biological; plate LXV ornith., with figs. 1-6, by E. Blanchard).

Contents—All vols. of text contain half-title and title (pp. [1] and [3]), text (respectively, pp. 1-418, 1-432, 1-420, 1-402), and table des matières (pp. 419-429, 433-442, 421-431, 404-405); introductory matter appears on pp. i-xv of vol. I, including "Au Roi" (pp. i-iii) and "Préface" (pp. v-xv); errata and lists of subscribers, pp. 405-416 of vol. IV. The text describes the author's travels through Egypt, Nubia, and adjacent areas, discussing many aspects of these regions with emphasis on antiquities, geography, and local customs, but with occasional reference to natural history. The principal references occur in vol. IV, which contains a "Description de divers objets d'histoire naturelle recueillis durant le voyage" (pp. 259-402; considerable material on insects, by Latreille, and on plants, by Raffeneau-Delile). Birds are mentioned briefly on pp. 269-270, where 20 kinds are listed by common name only, with reference in some cases to LeVaillant and Buffon. The fine plates of the atlases, by several artists and lithographers, are mainly devoted to antiquities and maps. Blanchard's ornithological plate is based on the author's specimens and creditably figures a dove, a sunbird, and several kinds of weaver-finches, over vernacular names only.

An ambitious report of travels and explorations, of some historical significance

¹ Except that, in the atlas, periods replace commas at the ends of the last two lines in the first vol. and the last line of the second vol.

but of comparatively little importance to ornithology. The dates of publication of the work were roughly outlined by Sherborn and Woodward (*Ann. Mag. Nat. Hist.*, 7 (8): 334, 1901), vols. I-III of the text being published on various dates in 1826, vol. IV on 15 Sept. 1827, and the atlas in 30 livraisons from 1823 to 1827. If the 150 plates appeared in order, 5 plates per livraison (which they do not say), the ornithological plate (LIX) in the second volume of the atlas would date from 1826. Not listed by Ronsil.

BMNH, I:296.

CALDWELL, HARRY R. *and* JOHN C. CALDWELL

456. 1931. *South China birds* / By / Harry R. Caldwell / and / John C. Caldwell / A complete, popular and scientific account of nearly five hundred / and fifty forms of birds found in Fukien, Kwangtung, Kiangsi, / Kiangsu and Chekiang provinces. Illustrated by more / than seventy-five original half tones of birds in / life, nests, eggs and haunts, from photo- / graphs by the authors, and Morris / Caldwell. Together with Six / colored plates by Prof. / Andrew Allison. / Stories and legends / By / Muriel E. Caldwell / Published by / Hester May Vanderburgh, Shanghai.

(23.3 × 15.3 cm). Pp. [16], 1-447; col. front., 5 col. plates, 31 half-tone plates (many photos.), 1 diagr.

Contents—Half-title; title; ded.; pref.; list of references; index to families; topography of a bird; text, pp. 1-404, giving brief, informal notes (some possibly of scientific value) on the appearance, recognition, nesting habits, and ranges of the species treated; anecdotes and legends, pp. 405-409; notes on field identification, pp. 409-430; errata, p. 431; index, pp. 433-447.

A work produced by evidently enthusiastic amateurs in the face of considerable difficulties and intended mainly for popular use in the area concerned. Unfortunately the book is poorly printed and contains many careless errors.

CAMPBELL, ARCHIBALD JAMES (1853-1929)

457. 1883. *Nests and eggs / of / Australian birds.* / Embracing papers on / "Oology of Australian birds," / read before the Field Naturalists' Club of Victoria, / supplemented by other notes & memoranda; / also, / an appendix of several out—nesting, / shooting, &c. / By / Archd. J. Campbell. / Melbourne: / published by the author. / MDCCCLXXXIII.

8vo (20.8 × 13.4 cm). Pp. [2], i-vi, 1-73 [74], i-xxx.

Contents—Title, 1 leaf; ded., p. i; introd., pp. iii-vi; text, pp. 1-72, a systematically arranged series of descriptions of the eggs of Australian birds, with accounts of nests under family or generic headings only, except in the cases of a few species where detailed descriptions are given; addenda, corrigenda, and memorandum, p. 73. Bound uniformly with a section headed "Scraps about bird-nesting Near Melbourne, Thirteen Years Ago," pp. i-xxx, this evidently being the appendix referred to in title.

A useful little list for its times, by one of Australia's leading pioneer ornithologists. An excellent, much expanded and copiously illustrated work by the same author and under the same title was published approximately in 1901 (No. 458). Several sources attribute 3 photographic plates to the work. Copy autographed by author (at end of introd.) with bookplate of Henry L. White, Belltrees, Scone, N.S.W.

BMNH, I:304; Mathews, 24; Whittell, 106.

458. 1901(?). **Nests and eggs / of / Australian birds / including the / geographical distribution of the species / and / popular observations thereon / by / Archibald James Campbell / Melbourne / With Map, 28 Coloured Plates and 131 Photographic Illustrations / Printed for the Author / by / Pawson & Brailsford, Sheffield / 1901.** [*With printed slip bearing date "1900" pasted over the date*] / (All rights reserved).

8vo (24.2 × 15.1 cm). Pp. i-xl, 1-1102; 2 photogr. fronts. (portrs.), chromolith. plates 1-27 (of eggs), 1 chromolith. plate (of Rose-breasted Robin and nest), 114 half-tone plates (129 photos.), map.

Contents—Title; ded.; introd., pp. v-xvii (dated at Melbourne, Dec. 1899); systematic index; list of illustrs.; text, pp. 1-1072; appendix, pp. 1073-1083; alphabetical index, pp. 1085-1102. The text provides an exhaustive and well-written account of the subject, giving references to figures, detailed descriptions, and previous descriptions of eggs for each species where available, as well as more or less detailed information under the headings Geographical distribution, Nest, Eggs, and Observations (being general remarks and discussion).

A well illustrated and useful work by one of Australia's most productive ornithologists. The nesting habits of 765 species are discussed and two species described for the first time (*Malurus whitei*, *Aegintha minor*).

The work clearly appears in several states: (A) in two volumes, at least sometimes each with title page (Zimmer), and (B) in one volume (with contemporary binding; present copy); also (1) dated 1901 on title page (as transcribed by Zimmer—the work is dated 1901 by all sources consulted, including the *Zoological Record*, and "before April 4th" by Mathews), with (2) printed slip dated 1900 pasted over date of 1901 (present copy), and (3) "not dated" with printed slip dated 1900 (Whittell). The introduction was dated at Melbourne, Dec. 1899, the work having been printed in Sheffield and (Whittell) "*published by the author at Melbourne.*" Investigators might well remain alert to the possibility that at least some copies were released by the author in 1900; no other hypothesis immediately suggests itself to explain the printed slips. See also No. 457.

BMNH, VI:175; Mathews, 24; Nissen, no. 170; Whittell, 111; Wood, 277; Zimmer, 123. Reviewed: *Ibis*, 1901:723-724.

CAMPBELL, JAMES

459. 1773. **A / treatise / of / modern falconry: / To which is prefixed, / from authors not generally known, / an introduction, / Shewing the Practice of Falconry in**

certain Re- / mote Times and Countries. / By James Campbell, Esq; / —Nititur pennis. Hor. / Edinburgh: / Printed by Balfour & Smellie, / For the Author. / M,DCC,LXXIII.

8vo (23.4 × 14.2 cm, untrimmed). Pp. [2] [i] ii-iv, [3] 4-260 162 262-264; 1 engr. plate.

Sigs.— π 1 A² χ ² 2 χ 1 B-Kk⁴; 268 leaves.

Contents—Title, π 1; conts., pp. i-iv; pref., pp. 3-27; introd., pp. 29-117; post-script, p. 118; ded. to the Earl of Eglintoune, p. 119; text, pp. 121-257; glossary, pp. 259-264.

According to Harting, the author's text (in chapters I-XL, discussing the qualifications of the falconer, equipment, training, kinds of hawks, and other pertinent matter) is both original and creditable. The introduction is described by its writer (Alexander Gillies) as of a "flowery diction both in the reasonings and the translations" and by Campbell as "a kind of introduction [having] nothing to do with the real practice."

Major General Stewart's copy, with his bookplate.

Harting, 33-34; Schwerdt, 93.

CARCANO, FRANCESCO (1500-1580)

460. 1622. I tre libri / De gli vcelli / da rapina / Di M. Francesco Sforzino / Da Carcano, Nobile Vicentino. / Ne' quali si contiene la vera cognitione dell' arte de' Struccieri, / & il modo di conoscere, ammoestrare, reggere, & / medicare tutti gli Augelli rapaci. / Con un trattato / de' cani da caccia / del medesimo. / [*Device*] / In Vicenza, / per il Megietti. 1622. / Con licenza de' Superiori.

8vo (15.1 × 9.7 cm). Pp. [i-xvi] 1-208 207-217 [218-220]; 1 text-fig. (instruments for firing hawks).

Sigs.—a⁸, A-O⁸; 120 leaves (last leaf, O8, lacking with no loss of text).

Contents—Title, a1 (v. blank); ded., "Al . . . Conte . . . di Scandiano," a2^r-a4^r (dated 28 January 1568); "Tavola de' capitoli," a4^v-a6^v; dedicatory poems, a7^r-a8^v; text, A1^r-O1^v (pp. 1-208), dealing in some detail with the kinds of falcons and their care and training; "Trattato della cura Delli Cani da caccia," O2^r-O6^r (pp. 209-217); tail-piece, O6^v; 1 blank leaf.

A classic treatise on falconry. According to Harting, the first edition appeared in 1547 and was followed by many more. The author's knowledge was first-hand and the text is said to have influenced many later writers. Fine copy in vellum with dedication probably of the second edition.

Harting, 141-142 (hist.); Scherdt, 94-95 (descr. various edits.).

CARPENTER, GEOFFREY DOUGLAS HALE (1882-)

461. 1920. A naturalist / on Lake Victoria / with an account of sleeping / sickness and the tse-tse fly / By / G. D. Hale Carpenter / D.M., B. Ch. (Oxon), Uganda Medi-

cal Service / Fellow of the Linnean, Entomological, and Zoological Societies / of London / With 2 coloured plates, a map, / charts, and 87 illustrations / T. Fisher Unwin Ltd / London: Adelphi Terrace.

8vo (22.5 × 14.5 cm, untrimmed). Pp. i-xxiv, 1-333 [334]; col. plate I (front.), col. plate II, 48 plates (85 photos., 1 line-drawing; 5 ornith.), 1 text-fig., fold. map.

Contents—Half-title; title; ded.; quot. from Darwin; introd.; pref., pp. xiii-xviii (by E. B. Poulton; dated Aug. 3, 1920); conts.; list of illustrs.; text, pp. 1-322, dealing with many elements of the natural history of the Sesse Isles, in the northwest corner of Lake Victoria, with emphasis on the history and biology of the disease Trypanosomiasis (sleeping sickness) which it was the author's mission to study; index, pp. 323-333. The observations were made intermittently, 1910-1914. Besides frequent references elsewhere, birds are treated in chapter VIII, pp. 145-179.

Although the author disclaims ornithological knowledge, his well-written observations are of interest, and a chapter on mimetic coloration of insects contains more than purely entomological import.

Wood, 279.

462. 1925. *A Naturalist in / East Africa / Being notes made in Uganda, ex-German / and Portuguese East Africa / By / G. D. Hale Carpenter, D.M. (Oxon.), M.B.E. / [Etc., 4 lines.] / Oxford / at the Clarendon Press / 1925.*

8vo (22.1 × 14.3 cm, untrimmed). Pp. 1-187 [188-204]; photogr. front., photogr. plates I-VIII, 16 photogr. plates (32 photos., 2 ornith., 4 text-figs., fold map).

Contents—Half-title; title; ded.; pref., pp. 7-9; conts.; list of illustrs.; text, pp. 15-182, in chapters I-VIII, being an informal and entertaining account of the author's observations on natural history during military service, 1914-1918; index, pp. 183-187; explanations of plates I-VIII, pp. 189-204. Frequent brief reference to birds throughout.

In a sense a sequel to the author's earlier and more extensive *A naturalist on Lake Victoria* (No. 461).

CARRIKER, MELBOURNE ARMSTRONG, Jr. (1879-1965)

463. 1910. *An annotated list of the birds / of Costa Rica including / Cocos Island / By M. A. Carriker, Jr. / (Issued August 29, 1910.) / [Reprinted from Annals of the Carnegie Museum, Vol. VI, Nos. 2-4, 1910.] [Cover-title. Caption-title, p. 314, as follows: An annotated list of the birds of Costa / Rica including Cocos Island.]*

8vo (24.5 × 16.2 cm, untrimmed). Pp. [2], 314-915; fold. map.

Contents—Errata etc., 1 leaf; introd. matter, pp. 314-375; including prefatory note, followed by remarks on varied topics including physiography, life-zones, altitudinal migration, habits of winter visitors, factors in taxonomy, collecting localities, history of ornithology, and bibl.; text proper, pp. 375-915, describing the species and subspecies of Costa Rican birds, with many keys, giving for each form synonymy, list of specimens, and, usually, description of plumage and critical notes on specimens, habits, ranges, etc. Rather extensive remarks by W. E. C. Todd are included.

A standard reference in Central American ornithology and so included here, though in a sense a part of the serial literature. Separately bound copy with paper covers included.

Reviewed: *Auk*, 1911:122-125 (W. DeWitt Miller); *Ibis*, 1911:381-382.

CARUS, JULIUS VICTOR (1823-1903) and WILHELM ENGELMANN

464. 1861. *Bibliotheca zoologica*. / Verzeichniss der Schriften / über / Zoologie, / welche / in den periodischen Werken enthalten / und / von Jahre 1846-1860 selbständig erschienen sind. / Mit Einschluss der Allgemein-naturgeschichtlichen, / periodischen und palaeontologischen Schriften. / Bearbeitet / von / J. Victor Carus, / Professor der vergleichenden Anatomie in Leipzig / und / Wilhelm Engelmann. / Erster [Zweiter] Band. / Leipzig. / Verlag von Wilhelm Engelmann. / 1861.

2 vols., 8vo (22.4 × 14.2 cm).

Vol. I: pp. i-x, 1-950; slip (advt.)

Vol. II: pp. i-xxiv, 951-1698, [2], 1699-2144.

Contents—Vol. I: title (*Bibliotheca / historico-naturalis / herausgegeben / von / Wilhelm Engelmann. / Supplement-Band, / enthaltend / die in den periodischen Werken aufgenommenen / und die von Jahre 1846-1860 erschienenen Schriften. / Leipzig. / Verlag von Wilhelm Engelmann. / 1861.*),¹ p. ii (p. i blank); title as transcribed above, p. iii (p. iv blank); Inhaltsverzeichnis, pp. v-x; text, divided in the following manner. Naturwissenschaften im Allgemeinen (pp. 1-202), including Hilfsmittel, Geschichte der Naturwissenschaften, Periodische Schriften, Vermischte naturhistorische Schriften, and Naturhistorische Länder- und Reisebeschreibungen; Zoologie (p. 203-950), being that portion dealing with invertebrates in general and with specific phyla etc. of invertebrates. Vol. II: added title, p. ii (p. i blank); title, p. iii (p. iv blank); Vorwort, pp. v-xii (dated at Leipzig, August 1861); Inhaltsverzeichnis, pp. xiii-xx; Berichtigungen und Druckfehlerverzeichnis, pp. xxi-xxiv; text, pp. 951-1606, being that portion of "Zoologie" dealing with vertebrates in general, with specific classes of vertebrates (Aves, pp. 1102-1260), and with paleontology (Aves, pp. 1574-1576); Nachträge, pp. 1606-1698 (Aves, pp. 1675-1685); sectional half-title to indices, 1 leaf; Sachregister, pp. 1699-1823; Autoren-Register, pp. 1823-2144. Within the taxonomic system indicated above, titles are further arranged under a variety of headings providing an orderly classification of the literature of each group, e.g., for Aves—Allgemeines und Vermischtes, Eier- und Nestkunde, Anatomie und Physiologie, Faunen, und Einzelne Familien, Gattungen und Arten. The work was evidently issued in parts, since the contents of vol. I lists part of the contents of vol. II, while a slip in the former announces the imminent appearance of the latter. The highly abbreviated entries provide short-title, minimal collation, dates of publication, and other pertinent details.

The most valuable bibliographic source in zoology, ornithology included, for

¹Despite the added title identifying it with its predecessor (see Engelmann, 1846; *infra*), the present work is seemingly referred to most often by the following title, *Bibliotheca zoologica*, which in turn identifies it with its successor, Taschenberg's *Bibliotheca zoologica II*, 1887-1917. The three works may equally be regarded as one loose series or as separate but related entities, the course chosen here.

the years 1846-1860. Under the subject headings listed above, titles are entered alphabetically by author and chronologically under author. Although the title implies that coverage is limited to periodical articles published between the years above-mentioned, books are also included, as well as those titles inadvertently omitted from Engelmann's *Bibliotheca historico-naturalis*, 1846, *infra*, of which the present work is essentially a continuation. The work was further continued by Otto Taschenberg as *Bibliotheca zoologica II*, 1887-1917, in seven volumes devoted to the period 1861-1880. The whole series forms the best single bibliographic coverage of zoology to 1880.

BMNH II:531; Wood, 333.

CARVER, JONATHAN (1732-1780)

465. 1778. *Travels / through the / interior parts / of / North-America, / in the / Years 1766, 1767, and 1768. / By J. Carver, Esq. / Captain of a company of provincial / troops during the late / war with France. / Illustrated with copper plates. / London: / Printed for the author; / And Sold by J. Walter, at Charing-cross, and / S. Crowder, in Pater-noster Row. / MDCCLXXVIII.*

8vo (22.6 × 13.7 cm). Pp. [20], i-xvi 17-543 [544]; engr. plates 1-4, 2 fold. maps.

Sigs.—[a]² b⁸ A-Ll⁸; 282 leaves.

Contents—Title, a1 (v. blank); ded., a2 (to Joseph Banks; dated at London, June 20, 1778); conts., b1-b8^v; introd., A1-A8^v (pp. i-xvi); text, B-Kk7^v, with the journal of the author's travels in New York, Ohio, Wisconsin, and Minnesota (pp. 17-180), chapters I-XVII on the customs of the Indians (pp. 181-441), and chapters XVIII-XIX on natural history (pp. 441-526, treating mammals, birds, reptiles, botany, etc.); appendix, Kk8-Ll8^r (pp. 527-543), on commercial possibilities of the area; errata and directions to binder, Ll8^v (p. 544). Birds are treated on pp. 466-476, with 41 kinds listed at the beginning followed by brief accounts of 18 kinds, including the fabulous "Wakon Bird."

One of the more important works on travel in North America in the late eighteenth century. Carver is well known for the comparative authenticity of his accounts of Indian customs and for the quality of his prose.

This edition is the first, which was followed by several editions and translations (*see* Nos. 466-468). The ornithology is of interest to those concerned with tracing the early development of knowledge of North American birds.

Allen, 525-526 (biogr.); Coues, I: 585, 586, 591-592; Cox, II:151; Lee, John T., *Proc. State Hist. Soc. Wisconsin*, 1909 (1910):143-183 (hist. and extensive bibl.); Meisel, III:351-352; Sabin, III:383-384; Wood, 280.

466. 1779. *Travels through the interior parts of North-America. [As No. 465].*

[*Idem*, 12 lines.] / Dublin: / Printed for S. Price, R. Cross, W. Watson, W. and H. / Whitestone, J. Potts, J. Williams, W. Colles, / W. Wilson, R. Moncrieffe, C. Jenkin, G. / Burnet, T. Walker, W. Gilbert, L. L. / Flin, J. Exshaw, L. White, J. Beatty, / and B. Watson. / MDCCLXXIX.

8vo (21.3 × 12.9 cm). Pp. [20], i-xiii [xiv] 15-508; 2 engr. plates, fold. map.

Sigs.—[a]² b⁸ B-li⁸ Kk⁶; 264 leaves.

Contents—Text essentially the same as in the first edit., 1778 (No. 465), entirely reset and repaged, differing in various minor details of form; the engravings are new. The natural history of this edit. occupies pp. 412-492 (birds, pp. 434-444; text *almost* identical to first edit.).

For references and other matter see No. 465.

467. 1781. *Travels / through the / interior parts / of North America, / in the / years 1766, 1767, and 1768. / By J. Carver, Esq. / Captain of a company of provincial / troops during the late / war with France. / Illustrated with copper plates, / coloured. / The third edition. / To which is added, Some account of the / author, and a copious index. / London: / Printed for C. Dilly, in the Poultry; H. Payne, in / Pall-mall; and J. Phillips, in George-Yard, / Lombard-Street. / MDCCLXXXI.*

8vo (20.1 × 12.8 cm). Pp. [26], [i] ii-xvi, [1] 2-22, [17] 18-543 [544], [20]; engr. front. port., 2 fold. maps, engr. col. plates I-IV [V].

Sigs.—A⁴(-A1+π²) b⁸ ²A⁸ ³A-B⁴ C⁴(-C4) ⁴B-Li⁸ Mm-Nn⁴ Oo²; 306 leaves.

Contents—Title, π1^r (verso blank); “Advertisement,” signed John Coakley Lettsom and dated London, March 30, 1781, stating that “as soon as this impression [the third] was finished, I purchased both the printed copies and the copyright. I have since added . . . some account of the Author’s life, and an Index to the Travels, which are published separately” (bound into the Ellis copy), π2^r (verso blank); ded. (to Joseph Banks, undated), A2; “An Address to the Public,” from Carver attesting to the popularity of the work and the veracity of certain incidents described in it, A3-4^v; conts., b1-b8^v; introd., ²A1-A8^v (pp. i-xvi); “Some Account of Captain J. Carver,” ³A1-C3^v (pp. 1-22); text, ⁴B1-Kk7^v (p. 17- 526); appendix, Kk8-Ll8^r (pp. 527-543); “Directions for Placing the Maps and Plates,” Kk8^r (p. 544); index, Mm1-Oo2^r. Birds are treated on pp. 466-476. An engr. port. of Carver, dated Nov. 16, 1780, and a col. engr. plate of the tobacco plant (facing p. 522 and dated Nov. 1, 1779) have been added to the original plates.

For references see No. 465.

468. 1784. *Voyage / dans / les parties intérieures / de l’Amérique Septentrionale, / Pendant les années 1766, 1767, & 1768. / Par Jonathan Carver, / Ecuyer, Capitaine d’une compagnie de troupes / provinciales pendant la guerre du Canada / entre la France & l’Angleterre. / Ouvrage traduit sur la troisième édition / Angloise, par M. de C. . . . avec des remar- / ques & quelques additions du traducteur. / [Vign.] / Yverdon. / M.DCC.LXXXIV.*

8vo (15.6 × 9.4 cm). Pp. i-xxxvi, 1-436.

Sigs.—a-b⁸ c² A-Dd⁸ Ee²; 236 leaves.

Contents—Half-title, p. i; title, p. iii; pref., pp. v-vi; “Courte notice de la vie du Capitaine Carver,” pp. xi-xxi; introd., pp. xxii-xxxvi; text, in three parts (journal, pp. 1-124; customs of Indians, pp. 125-322; natural history—“Des animaux, arbres

& plantes de l'Amerique Septentrionale"—pp. 323-392 with Oiseaux treated in chapitre II, pp. 341-350); miscellaneous matters, pp. 393-429; summary, pp. 430-436; "Approbation," p. 436.

Probably translated from the English edition described under No. 467. The translator has altered and annotated the ornithological portion. For further discussion of the work see first edition, 1778 (No. 465).

CASEY, GEORGE EDWARD COMERFORD (1846-1912)

469. 1903. *Agrestia Ligustica*. / Riviera / nature notes, / a popular account of the more conspicuous / plants and animals of the Riviera and / the Maritime Alps. / **Second edition**, / With Frontispiece, Thirty-one Plates, and Ninety-three Illustrations / in the Text. / [Vign.] / London: / Bernard Quaritch, / 15, Piccadilly, / 1903.

8vo (22.1 × 14.4 cm). Pp. i-xv [xvi], 1-402 [403]; fotogr. front., 30 fotogr. plates, 93 text-figs. (photos., line-cuts), all illustrs. except front. numb. figs. 1-124 (none ornith.).

Contents—Title; ded.; pref. (dated Sept. 1903); conts.; list of illustrs.; text, pp. 1-385, three appendices, pp. 386-391; index, pp. 392-402; advt., p. 403. The popular text is primarily botanical and entomological, but contains some reference to vertebrates. Chapter XLIII (pp. 305-311) is devoted to more or less trivial remarks on birds, some badly in need of documentation, and contains a brief local list by Sir Thomas Hanbury.

The author's name does not appear in this edition (save for initials signing the preface). According to the Library of Congress the first edition appeared under his full name, at Nice, 1893, entitled *Agrestia Ligustica. Popular notes on the natural history of the Riviera*. Copy inscribed by Thomas Hanbury to A. Copley.

CASSIN, JOHN (1813-1869)

470. 1849(?). *Catalogue / of the / Vulturidae / in the collection of / The Academy of Natural Sciences / of Philadelphia*. / By / John Cassin.

8vo (23.8 × 15.5 cm). 4 leaves.

Contents—Title, 1 leaf; text, 3 leaves, providing names, brief synonymies, and rough designations of specimen localities for the species present in the Academy's collection at the time of writing. Cassin's Vulturidae includes the subfamilies Vulturinae, Gypinae, Gypaëtinae, Neophrinae, and Sarcoramphinae.

A specially titled reprint, with neither date nor imprint. According to the Centennial Index of the *Proc. Acad. Nat. Sci. Philadelphia* (see also BMNH), the work was originally published as part of a supplement to that journal, in 1849. Wood seems to have used the above title to embrace a uniformly bound series of five such articles.

BMNH, I:323; Wood, 280.

471. 1849(?). *Catalogue / of the Strigidae / in the collection of / The Academy of Natural Sciences / of Philadelphia*. / By / John Cassin.

8vo (23.8 × 15.5 cm). 10 leaves.

Contents—Title, 1 leaf; text, 9 leaves, treating strigid owls of the Academy's collection, in the same manner as the vultures in the accompanying pamphlet (No. 470).

Bound with the author's *Catalogue of the Vulturidae* (No. 470), and according to sources cited under that title published in the same manner.

472. 1852. [Illustrations / of the / Birds of California, Texas / and / British and Russian America. / Intended to Comprise all the Species of North America, Except Mexico, not Figured by / Former American Authors, and to Serve as / a Supplement / to the Octavo Edition of / Audubon's Birds of America. / By / John Cassin, / Corresponding Secretary [*Etc.*, 4 lines] / and / Henry L. Stephens, / Artist attached to the Academy of Natural Sciences of Philadelphia. / To be Completed in Thirty Numbers, published Monthly. / Philadelphia: / King & Baird, Printers, No. 9 Sansom Street. / 1852.] [*Cover-title; supplied from Grinnell.*]
- 8vo (24.3 × 17.1 cm). 15 leaves; 5 lith. col. plates (by H. L. Stephens).

Contents—Separately paged accounts of 5 species, with a plate of each, as follows: *Cyanocorax luxuosus* (pp. 1-4); *Melanerpes formicivorus* (pp. 1-4); *Chamaea fasciata* (pp. 1-4); *Lophophanes atricristatus* (pp. 1-4); *Cyrtonyx massena* (pp. 1-7); and "Synopsis of the North American species of the sub-family Parinae" (pp. 1-5). A short general discussion of each species listed above is followed by "description and technical observations" including synonymy and "habitat" (range).

The cancelled first part of a work later published in full, 1853-56, as Cassin's *Illustrations of the birds of California, Texas, Oregon, British and Russian America* (No. 473), in which the same accounts are found, more or less revised and augmented. The plates of the cancellation are perhaps inferior to those published in the full work (neither are impressive), by a different artist, and printed by a different firm (Rosenthal's Lith. Press).

According to Coues: "The first part issued of this work was a trial or specimen number, which was cancelled as unsatisfactory, and is therefore scarcely citable. Several bound copies, however, are extant: they bear no title, date, or imprint, and are not paged." That one at least did bear a cover-title, however, is shown by the above. I have found no evidence that Stephens' contribution to the work extended beyond drawing the figures. Coues gives the date of appearance as 1853, but the cover-title is dated 1852, and evidence was presented by Zimmer (p. 125) that the suppressed sheets appeared prior to June 30, 1852.

Fox (cited below) appears to have been first to discover a cover-title, in the library of the Academy of Natural Sciences of Philadelphia, with a copy probably the same as the one there consulted and described by Grinnell, and transcribed second-hand above. While roundly berating Coues for various real and imagined errors, Fox committed at least as many himself, and more serious ones (*e.g.*, misspelling the junior "author's" name and confusing genus *Parus* with subfamily Parinae).

The item is doubtless quite rare.

Coues, I:639; Fox, W. J., *Auk*, 1901:291-292; Grinnell, I:11-12.

473. 1853-56. *Illustrations / of the / birds / of / California, Texas, Oregon, British and / Russian America.* / Intended to contain descriptions and figures / of all / North American Birds / not given by former American authors, / and a / general synopsis of North American ornithology. / By / John Cassin, / Member of [*Etc.*, 5 lines]. / 1853 to 1855. / Philadelphia: / J. B. Lippincott & Co. / 1856.

8vo (26.4 × 17.3 cm). Pp. i-viii, 1-298; chromolith. plates 1 (front.), 2-50 (by George G. White and W. E. Hitchcock).

Contents—Title (copyright on v., dated 1855); pref., pp. iii-vi (by Cassin, dated Nov. 1855); conts.; text, pp. 1-292; index, pp. 293-298. The text thoroughly describes the 50 species figured and, in the synopsis, all North American species referred by the author to the Parinae (pp. 17-20), Vulturidae (pp. 56-62), Falconidae (pp. 85-120), Strigidae (pp. 175-197), and Fissirostres (pp. 235-256). Described as new, but now all in synonymy, are *Falco nigriceps*, *F. polyagrus*, and *Buteo insignis*. The text contains original field notes by such early workers as G. A. McCall and A. L. Heerman. The plates are of moderate artistic merit.

A basic work representative of the era of western expansion of American ornithology. It is said to contain the first use of trinomial names by an American—see Stejneger, L., *Proc. U. S. Nat. Mus.*, 7:72-73, 1884 (1885). The complete work in its present form is rather rare; it was published in 10 parts, 1853-55, which were collected and distributed together with title, preface, etc., in 1856. Further details of dating and content are given by Coues, Wood, and Zimmer. Some sources mention an imprint dated at Philadelphia in 1862; I have not seen this but suppose it to represent the same text. A variant version of the first part, released in 1852 by Cassin and Stephens, was suppressed (No. 472).

Anker, 92; BMNH, I:324; Coues, I:642, 644-645; Nissen, 173 (mentions a reissue dated 1865); Wood, 280; Zimmer, 124-125.

474. 1858. *United States / Exploring Expedition.* / During the years / 1838, 1839, 1840, 1841, 1842. / Under the command of / Charles Wilkes, U.S.N. / *Mammalogy / and / ornithology.* / By / John Cassin, / Member of [*Etc.*, 5 lines] / With a folio atlas. / Philadelphia: / J. B. Lippincott & Co. / 1858.

Title of atlas as follows:

[*Idem*, 6 lines.] / Atlas / Mammalogy and ornithology. / By / John Cassin, / Member of [*Etc.*, 5 lines] / [*Idem*, last 3 lines].

2vols.: text, 4to (33.4 × 24.6 cm); atlas, folio (54.8 × 37.3 cm).

Text: pp. i-viii, 1-466; 18 engr. text-figs.

Atlas: 2 leaves; engr. col. plates 1-11 (mammals), 1-42 (birds).

Contents—Text: half-title, p. i; title, p. iii; introd., pp. v-vi (dated May 10, 1858); conts., pp. vii-viii; text, pp. 1-416, treating mammals (pp. 1-66) and birds (pp. 67-416); catalogues of mammals and birds taken by the expedition, with Peale's diagnoses of new forms in footnotes (see below), pp. 417-452 (birds, pp. 429-452); index, pp. 453-466. Atlas: title, 1 leaf; list of plates, 1 leaf; plates, by Wm. E. Hitchcock, Titian R. Peale, Edwin L. Sheppard, and George Gorgas White.

The text gives short synonymies followed by general comment and extracts from the notes of naturalists who accompanied the expedition, especially T. R. Peale and Charles Pickering. In a voyage around the world specimens were taken and observations made at sea and ashore at many localities, in California and Oregon, through much of the Pacific and Indian oceans, and around the coast of South America. The catalogue of species described is a simple list, annotated as indicated below. The plates are as scientifically exact as the artists could make them.

No good purpose could be served either by paraphrasing or redoing Zimmer's excellent summary, which I quote in part:

"These two volumes together constitute the revised Vol. VIII of the complete report of the Expedition. . . . Vol. VIII originally was prepared by Titian Ramsay Peale, the Ornithologist and Mammalogist of the Expedition, and was published in 1848 without plates [considerable evidence to this effect follows]. . . .

"Only 100 copies of the original volume were 'printed for distribution amongst foreign governments and by some legislative errors none were printed for distribution at home'; of the number printed, about 90 were distributed, many of them going to countries without scientific establishments, and the remainder were destroyed accidentally in a fire in the Library of Congress. Later, Cassin was commissioned to rewrite the volume, and this new work, with some of Peale's unpublished plates and with various illustrations by other artists, was issued in its present form in 1858. . . . The original edition is, of course, extremely rare.

". . . Cassin's general text takes no account of many of Peale's newly described species, even omitting certain of his names from the synonymy. However, in the catalogue of the collections, these omitted names are given, together with a transcript of Peale's original descriptions."

The work, especially in its complete form, is often entered under "United States," and sometimes under "Wilkes."

BMNH, I:324, V:2167; Stone, W., *Cassinia*, no. XIX, 1915:1-13 (1916); Wood, 280, 606; Zimmer, 675-676.

CASTELNAU, FRANCIS L. DE LAPORTE DE (1812-1880)

475. 1856. > **Expédition / dans les parties centrales / de / l'Amérique du Sud, / de Rio de Janeiro a Lima, et de Lima au Para; / exécutée / par ordre du gouvernement Français pendant les années 1843 a 1847, / sous la direction du Comte / Francis de Castelnau. / Ouvrage qui a obtenu une médaille hors ligne de la Société de Géographie. / Septième partie. / Zoologie. / Paris, / chez P. Bertrand, libraire-éditeur, / rue de l'Arbre-Sec, 22. / 1855.**

> **Animaux nouveaux ou rares / recueillis pendant l'expédition / dans les parties centrales / [*Idem*, 8 lines] / Oiseaux / Par M. O. Des Murs, / membre de plusieurs sociétés savantes. / Paris, / [*Idem*, 3 lines].¹**

4to (29.8 × 23.5 cm). Pp. [4], 1-98 [99-100]; lith. col. plates 1-20 (by P. L. Oudart).

¹Zimmer's transcription of covering title (of pt. 7?) does not agree with any title in the present pt. 7, vol. I.

Contents (Oiseaux only)—Half-title, 1 leaf; title, 1 leaf; introd., pp. 1-6; text, pp. 7-95, taxonomically arranged, giving rather lengthy discussions of many of the species treated; list of plates, p. 96; table des matières, pp. 97-98; errata, p. [99].

Quoting Zimmer: "The zoology of Castelnau's expedition, in three volumes, forms Pt. 7 of the complete work (contained in 14 vols. . . ., published from 1850-59). The third portion of Vol. I of Pt. 7 (here collated) relates to the birds and was written by Des Murs after the death of Deville who was charged originally with the preparation of that section of the work." Publication of the work was therefore somewhat delayed, and it is for the most part a compilation of materials published earlier in fragmentary form by Des Murs, Deville, Bonaparte, Lafresnaye, and Sclater. The ornithological portion appears at the end of the first volume of zoology, which, besides half-title and title (transcribed above) of pt. 7, contains also the sections devoted to "Anatomie" (pp. 1-100, plates 1-17 and front.) and "Mammifères" (pp. 1-116, plates 1-20), with their respective half-titles and titles. Plates 14-17 of the section on anatomy (written by M. Paul Gervais) figure the skeletons of several obscure and interesting birds, including the hoatzin (*Opisthocomus*) and certain screamers (*Anhimidae*), cariamias (*Cariamidae*), and trumpeters (*Psophiidae*). The first volume of zoology was issued in 20 livraisons. Partial collation of these and extensive evidence for dating the ornithological portion 1856 (instead of 1855, as on titles) was given by Zimmer. Birds are mentioned casually from time to time in the popular text of earlier parts of the work, but the material is too general and limited to justify collation of the whole giant work here.

BMNH, I:325; Nissen, 241 (Werner given as artist); Ronsil, 89; Wood, 281; Zimmer, 125-126).

CATESBY, MARK (1683-1749)

476. 1729-47. *The / natural history / of / Carolina, Florida and the Bahama Islands: / Containing the Figures of / Birds, Beasts, Fishes, Serpents, Insects, and Plants: / Particularly, the Forest-Trees, Shrubs, and other Plants, not hitherto described, / or very incorrectly figured by Authors. / Together with their Descriptions in English and French. / To which, are added / Observations on the Air, Soil, and Waters: / With Remarks upon / Agriculture, Grain, Pulse, Roots, &c. / To the whole, / Is Prefixed [Corrected by printed label to read Prefixed] a new and correct Map of the Countries Treated of. / By / Mark Catesby, F.R.S. / Vol. I. / Histoire naturelle / de / La Caroline, la Floride, & les Isles Bahama: / Contenant les Dessesins / Des Oiseaux, Animaux, Poissons, Serpents, Insectes, & Plantes. / Et en particulier, / Des Arbres des Forets, Arbrisseaux, & autres Plantes, qui n'ont point été decrits, / jusques à present par les Auteurs, ou peu exactement dessinés. / Avec leur Descriptions en François & en Anglois. / A quoi on a adjouté, / Des Observations sur l'Air, le Sol, & les Eaux, / Avec des Remarques sur l'Agriculture, les Grains, les Legumes, les Racines, &c. / Le tout est precedé d'une Carte nouvelle & exacte des Païs dont ils s'agist. / Par Marc Catesby, de la Societé Royale. / Tome I. / London: / Printed at the Expence of the Author; and Sold by W. Innys and R. Manby, at the West End of / St. Paul's, by Mr. Hauksbee, at the Royal Society House, and by the Author, at Mr. Bacon's / in Hoxton. / MDCCXXXI.*

Title of vol. II as follows:

[*Idem*, 6 lines] / Particularly the Forest-Trees, Shrubs, and other Plants, not hitherto / described, or very incorrectly figured by Authors. / Together with their Descriptions in English and French. / To which are added, / [*Idem*, 3 lines] / To the Whole / [*Idem* 1 line] / By Mark Catesby, F.R.S. / Vol. II. / [*Idem*, 6 lines] / Des Arbres des Forets, Arbrisseaux, & autres Plantes, qui n'ont point été decris, / [*Idem*, 3 lines] / Des Observations sur l'Air, le Sol, & les Eaux; / [*Idem*, 2 lines] / Par Marc Catesby, de la Societé Royale. / Tome II. / London: / Printed at the Expence of the Author: and Sold by W. Innys, at the West End of St. Paul's; / R. Manby, on Ludgate-Hill; Mr. Hauksbee, at the Royal Society House, and by the Author. / MDCCXLIII. [*Titles in red and black, uniform except for imprint.*]

2 vols., folio (51 × 36.5 cm).

Vol. I: pp. [6] v-xii, 1-100; engr. col. plates 1-100.

Vol. II: pp. [2] 121-140 21-58 56 60-100, 1-20, i-xliv [8]; engr. col. plates 1-100, 1-20, col. fold. map. Pp. "121"- "140" re-numbered in manuscript as 1-20, p. 59 misprinted as 56.

Sigs.—Vol. I: $\pi 1$ $2\pi 1$ $3\pi 1$ b-c² A-Bb²; 57 leaves. Vol. II: $\pi 1$ Bb-Zz² Aaa-Ccc² A-E² A-L² *-*²; 87 leaves.

Irregularities and variants—In the Ellis copy, the leaf headed "A List of the Encouragers of This Work" is bound immediately preceding "An account of Carolina, and the Bahama Islands" in Vol. II instead of immediately preceding the preface in Vol. I as it should be (as indicated by its catchword). Both the Ellis copy and a University of Michigan copy (seen on microfilm) have the first twenty pages of text in volume II originally numbered 121 to 140 and altered to 1 to 20 in manuscript, while a copy (or copies) described by Frick and Stearns seems to have had these same pages numbered 101 to 120 originally and then altered to 1 to 20 in manuscript. The Hunt copy is described as having original numbering 1 to 20, but this may not be germane since the Hunt copy is made up partly of sections from the 1771 edition. In the Ellis and Michigan copies a printed label reading PLUM. CAT. has been pasted in at the end of line 14 and another reading BIGNONIA has been pasted over the original printed text (PLUM. CAT.) in the left column of line 15, on p. 37 of vol. I.

Contents—Vol. I: title, $\pi 1$ (verso blank); ded. "To the Queen," $2\pi 1$; "A List of the Encouragers of This Work," $3\pi 1$; pref., b1-c2 (pp. v-xii); text, A1-Bb2 (pp. 1-100). Vol. II: title, $\pi 1$ (verso blank); text, Bb1-Ccc2 (pp. 1-100); appendix, A1-E2 (pp. 1-20); "An account of Carolina, and the Bahama Islands" (parallel French title: "Relation de la Caroline, et des Isles de Bahama") with birds treated on pp. xxxv-xxxvii and xliv, A1-L2 (pp. i-xliv); index to both volumes, successively in English, French, and Latin, *1-*¹; index to the appendix, in English and Latin, and list of plates in French, **2* (verso blank). Except for title, indices, and "list of encouragers," the text is in parallel columns of English and French. The zoology of Vol. I is wholly ornithological with (usually) a page of text for each plate, numbered to correspond, mostly one species to each (5 plates contain 2 species). Plant pictures are also described. The text of Vol. II is devoted to mammals, reptiles, insects, etc., and to botany, but plates 1, 3, 5, 8, 10, 12-14, and 16 of the appendix and corresponding text pages are partly ornitho-

logical, two species of birds being figured on plate 14. In all 113 kinds of birds (treated as 115 since Catesby considered females of Bluewinged Teal and Bufflehead as distinct species) are figured on 109 plates and treated in the text. The plates, as pointed out by Coues and others, are somewhat violent in execution, but almost invariably recognizable to species. Some of the botanical drawings are quite beautiful. All of the plates except two were both drawn and engraved by Catesby, largely from living subjects, the birds usually being adult males. Plate 61 (sometimes described as un-numbered since its number is obscured by the black background) and plate 96 are both inscribed "G. D. Ehret sc." Plate 80 (wrongly numbered "62"), although attributed by the Hunt catalogue to Ehret, is signed with Catesby's customary monogram under the black background.

The first edition of the first major treatise devoted entirely to the biota of the New World and a work which enjoyed considerable influence for years after its appearance. Described by Coues as "classic, conspicuous in merit *inter congenerea sui temporis*, and indispensable for occasional consultation," it was based upon two trips by the author to North America, 1710-1719 and 1722-1726. Approximately 70 of Catesby's species of birds were named by Linnaeus in 1758, in the 10th edition of the *Systema Naturae*, these being a large proportion of the American birds then known to the originator of modern nomenclature. Catesby's work is also the first in which any considerable number of American birds was recognizably figured. Later versions appeared in 1754 and 1771 (Nos. 477 and 478), and a related work, combining George Edwards' *A natural history of uncommon birds* (*infra*) and Catesby's work, with the plates re-engraved by Seligmann, appeared *ca.* 1749-1776 (No. 479). The last was translated into Dutch and published in 1772-1781 as *Verzameling van uitlandsche en zeldzaame vogelen* (Zimmer, p. 200). The obvious popularity of Catesby is evidenced by the appearance of several plates in reduced form in the *Gentleman's Magazine*, handcoloured and accompanied by a condensation of Catesby's text (plates 13, 9, 11, and 52 from Vol. I in the July, August, September and December issues of 1752; plates 31, 40, 48, 53, 33, and 38 from Vol. I in January, March, April, June, July, and November, plate 13 from the Appendix in October (plant only, bird omitted), and plate 41 from Vol. II in the supplement, for 1753).

The natural history of Carolina, like so many of the great natural histories, was published originally in parts. Dates may be assigned to these with a reasonable accuracy from the dates of the reviews by Cromwell Mortimer in the *Philosophical Transactions* of the Royal Society. The first three parts (each of 20 plates and accompanying text) were reviewed in the issue for September-October 1730, part 4 in August-September 1731, part 5 in November-December 1732 (concluding Vol. I), part 6 in April-June 1734, part 7 in July-September 1735, part 8 in April-June 1736, part 9 in August-September 1738, part 10 in November 1747 (concluding Vol. II), and the Appendix in February 1748—suggesting actual publication dates extending from 1729 (or early 1730) to 1747. Mark Catesby's own dates have been a matter of uncertainty but the researches of Allen (pp. 469, 477) as corrected by Frick (cited below) appear to have settled these to 1683 to 1749.

Agassiz, II:41; Allen, 463-478 (hist.); Anker, 94 (2nd edit.); BMNH, I:327; Coues, 1:577, 583-584; Engelman, 157; Frick, G. F., *PBSA*, 54:163-175, 1960;

Frick, G. F., and R. P. Stearns, *Mark Catesby: The Colonial Audubon*, Urbana, 1961; Hunt, 486; McAtee, W. L., *JSBNH*, 3:177-194, January 1957 (discussion of birds); Nissen, 177; Sabin, 11508 (2nd edit.); Stearn, W. T., *JSBNH*, 3:328, December 1958 (dates of publication); Stone, W., *Auk*, 1929:447-454 (nomenclature); Stresemann, 49; Wood, 281-282 (2nd and 3rd edits.).

477. 1754. *The / natural history / of / Carolina, Florida and the Bahama Islands: / Containing the Figures of / Birds, Beasts, Fishes, Serpents, Insects and Plants: / Particularly the Forest-Trees, Shrubs, and other Plants, not hitherto described, / or very incorrectly figured by Authors. / Together with their Descriptions in English and French. / To which are added, / Observations on the Air, Soil, and Waters: / With Remarks upon / Agriculture, Grain, Pulse, Roots, &c. / To the whole is prefixed a new and correct Map of the Countries treated of. / By the Late Mark Catesby, F.R.S. / Revis'd by Mr. Edwards, of the Royal College of Physicians, London. / Vol. I [II]. / Histoire naturelle / de / La Caroline, la Floride, & les Isles Bahama: / Contenant les Desseins / Des Oiseaux, Animaux, Poissons, Serpents, Insectes, & Plantes. / Et en particulier, des Arbres des Forets, Arbrisseaux, & autres Plantes, qui n'ont point / été decrits, jusques à present par les Auteurs, ou peu exactement dessinés. / Avec leur Descriptions en François & en Anglois. / A quoi on a adjouté, / Des Observations sur l'Air, le Sol, & les Eaux, / Avec des Remarques sur l'Agriculture, les Grains, les Legumes, les Racines, &c. / Le tout est precedé d'un Carte nouvelle & exacte des Païs dont ils s'agist. / Par le Feu Marc Catesby, de la Societé Royale. / Et reveu par Monsieur Edwards, de la Colleege Royale des Medecins de Londres. / Tome I [II]. / London: / Printed for Charles Marsh, in Round Court in the Strand; Thomas Wilcox, over-against the / New Church, in the Strand; and Benjamin Stichall in Clare-Court. / MDCCLIV. [Title in red and black.]*

2 vols., folio (50.8 × 36 cm).

Vol. I: pp. [6] v-xii, ²i-xliv, 1-100 [2]; engr. col. plates 1-100, double-page engr. map.

Vol. II: pp. [4] 121-140 21-58 56 60-100, [6], 1-20, [2] [I]-2; engr. col. plates 1-100, 1-20. Pp. "121"-140" re-numbered in manuscript as 1-20, p. 59 misprinted as 56.

Sigs.—Vol. I: $\pi 1$ $2\pi 1$ $3\pi 1$ $b-c^2$ $A-L^2$ $^2A-Bb^2$ $\chi 1$; 80 leaves. Vol. II: $\pi 1$ al $Bb-Zz^2$ $Aaa-Ccc^2$ $*2$ $**2(-**2=\chi 1)$ $A-E^2$ $\chi 1(=**2)$ $2\chi 1$; 67 leaves.

Irregularities and variants—Two examples of the 1754 edition in the Ellis Collection differ considerably from one another in the order in which the parts are bound and in the setting of some of the first 80 pages of text, as well as differing from the first edition. In one example (callmark Ellis Aves H3), line 14 of the French title has been corrected by erasure and hand-stamping from "de la Colleege" to "DU Colleege" on the title-page of each volume. After p. 80 of Vol. I no difference beyond order of binding, the inclusion of the dedication to the Princess of Wales (in both examples) and of two lists of Linnaean terms from the 1771 edition (in Ellis Aves H2), and the title-page correction is discernible between the two examples of the 1754 edition or between them and the first edition. All three show the curious re-numbering of the first 20 pages of Vol. II described in No. 476.

The extent to which the text was "revis'd by Mr. Edwards" would seem to be very small, the only evidence of any substantive revision being the changed readings (shown below) on pp. 55, 57, and 66 of Volume I. Aside from these points and the incorporation in the 1754 edition of the corrections already made by the labels on p. 37 of the first edition (noted in No. 476) the only differences between the 1754 edition and the first edition appear to be the new title-pages and the re-setting of pages 1-80 of Vol. I, with the compositor's spelling preferences of "blue" and "blew" and the new ornamental initials as the only obvious differences there. The differences are shown in the table below, with the first edition (Ellis Aves H1) in the first column, one Ellis example (Ellis Aves H2) of the 1754 edition in the second column, and the other (Ellis Aves H3) in the third. No indication is made in this table of binding order. Different settings of type are indicated by a, b, and c.

Location	Ellis Aves H1	Ellis Aves H2	Ellis Aves H3
Title	a	b	b
Ded. to Queen	a	b	b
Preface	a	a	a
Text, pp.1-14	a	b	c
p.15	a The Blew Jay	b The Blew Jay	c The Blue Jay
p.16-20	a	b	c
p.21-36	a	b	b
p.37	a Corrections by printed label (see No. 476)	b Corrections incorporated	b Corrections incorporated
p.38-39	a	b	b
p.40	a Poison-wood	b Poisson-wood	c Poisson-wood
p.41-44	a	b	c
p.45	a blew	b blue	c blue
p.46-54	a	b	c
p.55	a Mr. Bacon's in Hoxton	b Mr. Grays in Fulham	c Mr. Grays in Fulham
p.56	a	b	c
p.57	a Aboad line 32: linson's at Peckham;	b Aboad line 32: at Peckham; and at Mr. Christopher Grays, at Fulham.	c Abode line 32: Mr. Collinson's at Peckham; and at Mr. Christopher Grays, at line 33: Fulham.
p.58	a Crevises Tout	b Crevise Teut	c Crevise Tout
p.59	a	b	c
p.60	a finch	b Finch	c Gold-Finch
p.61-65	a	b	b
p.66	a blew Bacon's in Hoxton	b blue Christ. Gray's in Fulham	b blue Christ. Gray's in Fulham
p.67-75	a	b	b
p.76	a blew	b blue	b blue
p.77-80	a	b	b

Whether the identity of the two "editions" after p. 80 of Vol. I is an indication of the use of standing type or old sheets I cannot say, although old sheets seem more likely, nor can I explain what circumstances may have given rise to the three different settings. The Catesby riddles will take much more work before they can be considered solved. Citation should be made with care.

Contents—Vol. I: title, $\pi 1$ (verso blank); ded. "To the Queen," $2\pi 1$; "A List of the Encouragers of This Work," $3\pi 1$ (verso blank); pref., b1-c2 (pp. v-xii); "An Account of Carolina, and the Bahama Islands" (parallel French title: "Relation de la Caroline, et des Isles de Bahama") with birds treated on pp. xxxv-xxxvii and xlv, A1-L2 (pp. i-xlv); text, A1-Bb2 (pp. 1-100); "A Catalogue of the Animals and Plants represented in Catesby's Natural History of Carolina: With the Linnaean Names. Volume I," $\chi 1$. Vol. II: title, $\pi 1$ (verso blank); ded. "To Her Royal Highness the Princess of Wales," a1; text, Bb-Ccc2; index to both volumes, successively in English, French and Latin, *1-**1; appendix, A-E2 (pp. 1-20); index to the appendix, in English and Latin, and list of plates in French, $\chi 1$ (verso blank; =**2); "A Catalogue of the Animals and Plants Represented in Catesby's Natural History of Carolina: with the Linnaean Names. Volume II," $2\chi 1$. The two leaves bearing the catalogue with Linnaean names are from the 1771 edition of Catesby.

The contents is given here in the order in which it is bound in one of the two Ellis examples (Ellis Aves H2). The other example (Ellis Aves H3) has the same material (with the exception of the two leaves of catalogue with Linnaean names and of the "List of the Encouragers," both of which it lacks) bound in a different order, with the appendix and its index at the end of Vol. I and the "Account of Carolina" with its map and the index to both volumes bound at the end of Vol. II.

Both examples are in contemporary bindings appropriately ornamented with designs from nature. Ellis Aves H2, from the library of Mrs. Carll Tucker, is in diced brown calf gilt with rolls of birds, insects, and flowers. Ellis Aves H3 is in brown calf gilt with tools and rolls of plants and birds, with the bookplate of the Tempsford Hall Library and a gilt supra-libros crest and motto (a demi-lion rampant with the motto "Nobilis ira") of a branch of the Stuart family.

Wood, 281. For Stephen Bacon, Peter Collinson, and Christopher Gray, the nurserymen who grew Catesby's American seeds, see Ray Desmond's *Dictionary of British and Irish Botanists and Horticulturists*, London, Taylor & Francis Ltd., 1977.

478. 1771. **The / natural history / of / Carolina, Florida, / and / the Bahama Islands: / containing the figures of / birds, beasts, fishes, serpents, insects, and plants: / Particularly, those not hitherto described, or incorrectly figured by former Authors, / with their Descriptions in English and French. / To which is prefixed, / A new and Correct Map of the Countries; with Observations on their Natural State, / Inhabitants, and Productions. / By the late Mark Catesby, F.R.S. / Revised by Mr. Edwards, of the Royal College of Physicians, London. / To the whole is now added a Linnaean Index of the Animals and Plants. / Volume the first [second]. / Histoire naturelle / de la Caroline, de la Floride, / et / des Isles de Bahama: / contenant les desseins / Des oiseaux, des quadrupedes, des poissons, des serpens, des insectes, & des plantes, / Qui se trouvent dans ces Pays-là; / Et en particulier, de ceux qui n'ont point été decrits jusqu' à present par les Auteurs, ou peu exacte-**

ment dessinés. / Avec leurs Descriptions en François & en Anglois. / On trouve au Commencement / Une Carte de ces Pays, avec des Remarques sur leur Etat Naturel, leurs Habitans, & leurs Productions. / Par Feu Monsieur Marc Catesby, de la Société Royale, / Reveue par Monsieur Edwards, du College Royal des Mediciens de Londres. / On y a ajouté une Table selon le Systeme de Linnaeus. / Tome I [II]. / London. / Printed for Benjamin White, at Horace's Head, in Fleetstreet. / MDCCLXXI.

2 vols., folio (52.4 × 36.5 cm).

Vol. I: pp. [4] i-vii [viii], i-xliv, 1-100; engr. col. plates 1-100, engr. col. map.

Vol. II: pp. [4] 1-36 73 38-120 [6]; engr. col. plates 1-100, 1-20.

Sigs.—Vol. I: [a]² b-c² A-L² A-Bb²; 78 leaves. Vol. II: [A]² B-Ii² Kk² (Kk², probably blank, wanting; Cc misprinted as C); 65 leaves.

Irregularities and variants—Both examples in the Ellis Collection have title and text printed on laid paper countermarked “J. Whatman” (title, with watermark proper resembling Shorter 197) or “I. Taylor” (text, with watermark proper resembling Shorter 171). One example (Ellis Aves H4) has the engraved map, the Linnaean catalogue, and the plates on the laid Whatman paper. The other example (Ellis Aves H5) has its Linnaean catalogue on the laid Taylor paper, its map on wove paper watermarked “Edmeads & Co. 1809” and its plates on wove paper with marks and countermarks of “J. Whatman 1815” and “J. Whatman 1816.” Presumably old sheets of the 1771 issue are here bound up with 19th century prints pulled from the 18th century engraved plates (no difference can be detected in the engraving of the plates) for reasons unknown.

In the Library Company of Philadelphia copy of the 1771 edition, the Appendix is signed Cc1-Gg2 and is bound obviously correctly in Vol. I; the “Account of Carolina” has “Vol. II” printed on the first leaf of each gathering (where the Ellis copies have “Vol. I”) and the index is signed with a series of arbitrary symbols. This copy has been in the Library Company since before 1774.

Contents—Vol. I: title, al (verso blank); “A catalogue of the animals and plants represented in Catesby’s Natural History of Carolina: With the Linnaean Names,” a2; pref., b-c2^r (pp. i-vii); c2^v (p. viii) blank; “An account of Carolina, and the Bahama Islands,” A-L2^v (pp. i-xliv); text, A-Bb2^r (pp. 1-100). Vol. II: title, Al (verso blank); Linnaean catalogue as in vol. I, A2; text, B-Cc2^r (pp. 1-100); appendix, Dd-Hh2^v (pp. 101-120); index, English, French, Latin, Ii-Kk1^v.

The “third edition” (see Nos. 476 and 477), the chief addition to which is the catalogue of Linnaean names of forms treated. The text has been entirely reset, with many minor changes in spacing, punctuation, capitalization, and occasionally wording, being more distinct from the first edition than are the reset portions of the 1754 edition. The work still shows no evidence of revision beyond the minor matters just mentioned. The plates are from the same engravings.

One example (Ellis Aves H4) is bound in 19th century diced brown calf and has the bookplate of a member of the O’Callaghan family (possibly Viscount Lismore). The other (Ellis Aves H5) is in late 19th or 20th century red half-morocco and is from the library of Mrs. Carll Tucker.

Shorter, A. H., *Paper Mills and Paper Makers in England 1495-1800*, Hilversum, The Paper Publications Society, 1957, figures 171 and 197; information supplied by Edwin Wolf 2nd and Marie E. Korey of the Library Company of Philadelphia.

CATESBY, MARK *and* GEORGE EDWARDS

479. 1749-76. *Sammlung / verschiedener ausländischer / und / seltener / Vögel, / worinnen / ein / jeder derselben nicht nur auf das genaueste beschrieben, / sondern auch / in einer richtigen / und / sauber illuminirten Abbildung / vorgestellt wird / von / Johann Michael Seligmann. / [Vign.] / Nürnberg, gedruckt bey Johann Joseph Fleischmann. 1749. [Printed in red and black].*

Parts II-VI titled as follows:

[*Idem, 6 lines*] / ein jeder derselben nicht nur auf das genaueste beschrieben, / [*Idem, 5 lines*] / Zweyter [Dritter; Vierter; Fünfter; Sechster] Theil. / Ausgefertiget und herausgegeben [heraus gegeben (*Pts. III-V*)] / von / Johann Michael Seligmann [Seeligmann (*Pts. III, V*); Seeligmanns seel. Erben (*Pt. VI*)]. / Mit Römisch-Kaiserlicher Majestät allergnädigstem Privilegio. / [*Vign.*] / Nürnberg, gedruckt bey Johann Joseph Fleischmann, 1751 [1753; 1755; 1759; 1764]. [*Titles of pts. II and V printed in red and black*].

Parts VII-IX titled as follows:

[*Idem, 5 lines*] / und einiger anderer / Seltenheiten der Natur, / in richtigen / und / sauber illuminirten Abbildungen. / Siebenter [Achter; Neunter und letzter] Theil [Theil. (*Pts. VIII, IX*)], / als eine Nachlese zu Georg Edwards Werken. / Ausgefertiget, heraus gegeben und verlegt / von / Johann Michael Seeligmanns seel. Erben. / Mit Allergnädigstem [allergnädigstem (*Pts. VIII, IX*)] Privilegio. / [*Vign.*] / Nürnberg, zu finden bey denen Verlegern, 1770 [1773; 1776].

In addition, Part III has an added title-page:

Die / Beschreibung / von / Carolina, / Florida / und / den Bahamischen Inseln, / worinnen von / der Luft, dem Boden, dem Wasser, / von / den Einwohnern, den vierfüssigen Thieren, den Fischen, Pflanzen, &c. / dieser Länder umständliche und zuverlässige Nachricht mitgetheilet wird. / Zu erst, / nebst einer neuen und genauen / Charte dieser Länder, / in englischer und französischer Sprach / herausgegeben / von / Marcus Catesby, / der Königlich Londnischen Gesellschaft der Wissenschaften Mitglied, / nunmehr aber in das Deutsche übersetzet / von / D. Georg Leonhard Huth. / Verlegt, und herausgegeben von Johann Michael Seligmann, Kupferstecher in Nürnberg.

9 pts. in 4 vols., folio (40.3 × 25.2 cm).

Pt. I: 34 leaves; engr. front., engr. col. plates I-L (ornith.).

Pt. II: 28 leaves; engr. front., engr. col. plates LI-CII (50 ornith.).

Pt. III: 58 leaves; engr. front., engr. col. plates I-L, map.

Pt. IV: 50 leaves; engr. front., engr. col. plates LI-CXIV (60 ornith.), engr. plate 115.

Pt. V: 28 leaves; engr. col. plates I-LII (ornith.).

Pt. VI: 36 leaves; engr. col. plates LIII-CV (37 ornith.).

Pt. VII: 28 leaves; engr. col. plates I-L (37 ornith.).

Pt. VIII: [40?] leaves; engr. col. plates LI-C (41 ornith.).

Pt. IX: 30 leaves; engr. col. plates I-LII (50 ornith.).

Sigs.—Part I: $\pi^2 a^2$)(-)(²)()()1 χ^1 , A²(-A1) B-N²; 34 leaves. Part II: O-Dd²; 28 leaves. Part III: π^1)(² a-c²D-P² A²(-A1= π^1 ?) B-N²; 58 leaves. Part IV: O-Pp²; 50 leaves. Part V:)(² A-N²; 28 leaves. Part VI: O-Hh²; 36 leaves (last leaf, Hh2, lacking with no loss of text). Part VII:)(² B-O²; 28 leaves. Part VIII: π^1 [A-C²] D-T² U²(-U2= π^1 ?); 40 leaves (all between π^1 and D2, apparently preliminary matter, lacking; total from Anker). Part IX: A-P²; 30 leaves.

Irregularities and variants—Both Ellis copies (one in contemporary gilt-stamped calf, parts I-IX; the other in 19th century cloth, parts I-VI only) lack the map in Part III and the engraved frontispiece from Part IV. They differ textually in the contents of Part III, ff.) (1-2, the calfbound set having the Catesby title transcribed above and a “Vorrede des Uebersetzers,” dated 4 Nov. 1755, and the clothbound set a four-page “Vorbericht des Uebersetzers,” dated 4 Oct. 1755.

Contents—Part I: title, π^1 (verso blank); “Vorbericht des Uebersetzers” (by Huth, dated 16 January 1751), a1-2^v; Vorrede (to Part I of Edwards’ *Natural history*),)(1-)(()()1^r; “Verzeichnis der in diesem ersten Theil beschriebenen und abgebildeten Vögel,”)()()1^{r-v}; privilege, χ^1 (verso blank); text (25 leaves), A2-N2^v. Part II: title, O1 (verso blank); text (27 leaves), O2-Dd2^r; Verzeichnis (etc.), Dd2 ^{r-v}. Part III: title, π^1 (verso blank); Catesby title as transcribed above,)(1 (verso blank); “Vorrede des Uebersetzers” (dated 4 Nov. 1755),)()2; “Vorrede des Herrn Catesby,” a1-b1^v; Catesby’s “Die Beschreibung von Carolina und den Bahamischen Inseln,” b2-P1^v; Verzeichnis (etc.), P2; text (25 leaves), A2-N2^v. Part IV: title, O1 (verso blank); text (32 leaves) O2-Gg1^v; “Herrn Edwards Anhang zum zweyten Theil seiner natürlichen Historie seltener Vögel,” etc., Gg2-Kk2^v; Verzeichnis (etc.), to Part IV, Ll1; alphabetical index (Latin, English, French), to the first two parts of Edwards, Ll2-Pp2^v. Part V: title,)(1 (verso blank); Vorrede (dated 15 Dec. 1758),)(2; text (26 leaves), A1-N2^v. Part VI: title, O1 (verso blank); text (27 leaves), O2-Dd2^v; Edwards’ “Einige Gedanken über die Wanderung der Vögel,” Ee1-Ee2^v; Verzeichnis (etc.), to Parts V and VI, Ff1; Latin, English, French, and German indices to same, Ff2-Hh1^v. Part VII: title,)(1 (verso blank); Vorrede (dated 13 Aug. 1770),)(2; text (26 leaves), B1-O2^r; Verzeichnis (etc.), O2^v. Part VIII: title, π^1 (verso blank); preliminary matter (7 leaves), A1-D1, missing from Ellis copy but indicated by Anker’s description; text (26 leaves), D2-R1^v; Verzeichnis (etc.), R2^{r-v}; Errata, R2^v; Latin, English, French, and German indices to Parts VII and VIII, S1-U1^r. Part IX: title, A1 (verso blank); Vorrede, A2-B1^r; text (28 leaves), B1^r-P2^v. The text is so arranged that, in general, the descriptions of Catesby’s birds and plants, and of Edwards’ animals, alternating in parts where both are present, face their respective plates in the order text-plate-plate-text; corresponding plates and descriptions bear matching roman numerals. The contributory works of Catesby and Edwards are discussed more fully under their proper entries and their representation in this work is tabulated below.

A German translation, by Georg Leonhard Huth, based on Mark Catesby’s *The natural history of Carolina, Florida, and the Bahama Islands*, first published 1729-1747 (No. 476), and on the two related, consecutive works by George Edwards,

A natural history of uncommon birds, ca. 1743-51, and *Gleanings of natural history*, 1758-64, both described later in this catalogue. The plates are rather faithful copies (the Catesby plates, somewhat reduced, have lost more than the Edwards), although somewhat different in color and with plants added to some of Edwards' plates. All were re-engraved by Johann Michael Seligmann, who appears to have been responsible for production of the work.

Zoological bibliographies consulted do not mention that this work, while it contains all the text and plates of Edwards' two books save for a little of the accessory matter (subscriber lists and all of the supplementary matter of Part IV except the "Thoughts on the passage of birds") and two frontispieces, includes only the ornithological portions of Catesby's text and appendix (with the accompanying material on the plants depicted) and two plates and accompanying descriptions of mammals from the appendix. The details are shown in the following table.

The Contribution of Edwards' and Catesby's Works to the
Several Parts of Seligmann's *Sammlung*

Part	Seligmann	Edwards <i>Uncommon Birds</i>	Catesby
I	Plates I-L (all 50 ornith.)	Part I, plates 1-25 (all 25 ornith.)	Vol. I, plates 1-25 (all 25 ornith.)
II	Plates LI-CII (50 of 52 ornith.)	Part I, plates 26-52 (25 of 27 ornith.)	Vol. I, plates 26-50 (all 25 ornith.)
III	Plates I-L (all 50 ornith.)	Part II, plates 53-77 (all 25 ornith.)	Vol. I, plates 51-75 (all 25 ornith.)
IV	Plates LI-CXIV, and 115 (60 of 65 ornith.)	Part II, plates 78-105 and 1 unnum. (26 of 29 ornith.)	Vol. I, plates 76-100; vol. II (appendix), plates 1, 3, 5, 8, 10, 12-14, 16, 18, 20 (34 of 36 ornith.)
V	Plates I-LII (all 52 ornith.)	Part III, plates 106-157 (all 52 ornith.)	
VI	Plates LIII-CV (37 of 53 ornith.)	Part IV, plates 158-210 (37 of 53 ornith.)	
		Edwards <i>Gleanings</i>	
VII	Plates I-L (37 of 50 ornith.)	Part I, plates 211-260 (37 of 50 ornith.)	
VIII	Plates LI-C (41 of 50 ornith.)	Part II, plates 261-310 (41 of 50 ornith.)	
IX	Plates I-LII (50 of 52 ornith.)	Part III, plates 311-362 (50 of 52 ornith.)	
Totals	474 plates (427 ornith.)	363 plates (318 ornith.)	111 plates (109 ornith.) of 220 in frontispieces omitted. Catesby.

The total of plates in Seligmann's *Sammlung* does not include his engraved frontispieces which bear no relation to his other plates, being more decorative than

scientific or informative. The order of plates in Seligmann generally follows that of his sources except in Parts VII and IX.

The work is generally stated to have been published in the nine parts here described and as they are dated. The dating of prefaces, etc., suggests the possibility that the work actually appeared in smaller installments, perhaps over a greater (or at least different) period of time than indicated by the titles. Such dates occur in Part I (title 1749, preface 16 Jan. 1751), III (title 1753, preface 4 Nov. 1753, with variant dated 4 Oct. 1755), V (title 1759, preface 15 Dec. 1758), and VII (title 1770, preface 13 Aug. 1770).

The work was translated into French, under the title *Recueil de divers oiseaux étrangers et peu communs*, with the same plates (although apparently not all of them, Anker mentioning 414, of which 317 are ornithological, and Nissen 422), in eight volumes, 1768-1776, Nuremberg. Another translation, into Dutch by Houttuyn, also utilized Seligmann's re-engravings and appeared in five volumes, 1772-1781, Amsterdam, with the title *Verzameling van uilandsche en zeldzaame vogelen* (Zimmer, 200-201).

Anker, 462; Engelmann, 388; Nissen, 857; Sitwell, Buchanan, and Fisher, 73.

CAYLEY, NEVILLE WILLIAM (1887-1950)

480. 1938. **Australian parrots / their habits in the field and aviary /** By / Neville W. Cayley, F.R.Z.S. / [*Honors, 4 lines*] / Illustrated by the author / Angus & Robertson Limited / Sydney and London / 1938.

(22.7 × 15.5 cm). Pp. i-xxviii, 1-332; col. plates I-XI, 17 half-tone plates on 15 leaves, 1 full-page diagram, 40 maps, diagrams, etc., in text.

Contents—Half-title; title; foreword, by A. H. Chisholm; pref.; introd.; list of abbreviations used in referring to literature; conts. list of plates, etc. text, pp. 1-309, giving for each species references, description, distribution, economy (= ecology; this heading not always used, though ecological and life-history notes usually appear anyway), discussion where appropriate of history and geographic variation, and aviary notes; housing and keeping parrots in captivity (by R. R. Minchin), pp. 310-324; bibl., p. 325; index, pp. 329-332.

A thorough treatment of its subject, bringing together much material not otherwise collected or readily available. Autographed copy presented to Ralph Ellis.

Reviewed: *Ibis*, 1939:368-369.

481. 1943. **What bird is that? / A guide to the birds / of Australia /** By / Neville W. Cayley, F.R.Z.S. / [*Honors, 3 lines*] / Illustrated by the author / Angus and Robertson Ltd / Sydney and London / 1943.

8vo (21.7 × 15.1 cm). Pp. i-xix [xx], 1-319 [320]; col. plates I (front.), II-XXXVI (birds), 8 photogr. plates (habitats), map.

Contents—Half-title; title; ded.; foreword; pref.; conts.; list of plates; note on the Gould League of Bird Lovers of New South Wales; introd., pp. xvii-xix; map, p. [xx]; text, pp. 1-288, treating Australian birds arranged in ecological, and to a

lesser extent in (unnamed) systematic groupings, with each species treated under the headings Distribution, Notes, Nest, and Eggs (each species is numbered in reference to the appropriate figure of the colored plate depicting the birds of the grouping in question); appendix, pp. 289-293 (introduced birds); index, pp. 295-319; printer's imprint, p. [320].

A popular and useful manual intended to assist in the field identification of Australian birds. First published in 1931, the work has been reprinted many times, 9 "editions" being listed on verso of title, present copy. I have found no evidence, internal or otherwise, of change in text or contents, and many or all "editions" may be from the same type.

Reviewed: *Emu*, 31:251-252, 1932 (C. E. Bryant); *Ibis*, 1932:540 (G. M. Mathews); *Auk*, 1932:371-372 (Witmer Stone).

CHAMBERLAIN, MONTAGUE (1844-1915)

482. 1888. *A Systematic Table / of / Canadian birds. / By / Montague Chamberlain. / Saint John, N. B. / Published for the Author. / 1888.*

(29.1 × 27.5 cm). Ff. [1], i-iii, 1-14.

Contents—Title, 1 leaf; pref., f. i (signed M. C., dated at Saint John, February, 1888); introd., ff. ii-iii (miscellaneous comments on history of North American, especially Canadian, ornithology); "Systematic Table," or text, ff. 1-13, being an annotated list showing in columns the families, subfamilies, genera, subgenera, species, and subspecies of Canadian birds as then known and recognized by the author; appendices A and B, f. 14, being lists of the species of the present work not included in the author's *Catalogue of Canadian birds* (1887), and of hypothetical forms, both briefly annotated. Text on recto sides only with exception of title-leaf (copyright notice on verso).

Intended as a companion to the more extensive *Catalogue*, above-mentioned, for the purpose "of presenting at once a table of the higher groups and a check-list of the birds that are found" in Canada. According to Zimmer the species are identical with those of the *Catalogue* except for changes made in the appendices. Of historical interest only. Copy with original wrappers bound in, along with a typewritten partial bibliography of the author.

Wood, 283; Zimmer, 126-127. Reviewed: *Auk*, 1888:198 (J. A. Allen; see also rev. of *Catalogue*, *ibid.*, p. 189, by Coues).

483. 1895. *Some Canadian birds. / A brief account / of some of the common birds of / eastern Canada. / By / Montague Chamberlain. / First series— / Birds of field and grove. / Toronto: / The Copp, Clark Company, Limited. / 1895.*

8vo (18.2 × 12.2 cm). Pp. i-x, 1-96; front., 14 text-cuts (by Ernest Seton Thompson).

Contents—Title; ded.; pref., pp. v-vii; conts.; text, consisting of a number of short, popularly-written accounts of common birds.

This little book is not mentioned by Zimmer, Wood, or other catalogues consulted. It is duly listed by the *Zoological Record* as published in 1895. I am unable to find evidence of further "series" (see title).

CHANCE, EDGAR PERCIVAL

484. 1922. *The Cuckoo's Secret* / by Edgar Chance, M.B.O.U. / London: Sidgwick & Jackson, Ltd. / 3 Adam Street, W.C.2 1922.

8vo (20.7 × 14.2 cm, untrimmed). Pp. i-xiv, 1-239 [240]; fotogr. front., 10 fotogr. plates (16 photos. in all), 2 fold. maps.

Contents—Half-title; title; pref., pp. v-viii (dated at London, February, 1922); conts.; list of illustrs.; list of scientific names; text, pp. 1-237, in chapters I-XVII; appendix, pp. 238-239; printer's imprint, p. [240]. The text provides an extensive report on the life-history of the common cuckoo (*Cuculus canorus*) in England, with special reference to its parasitic habit, and citation of other authors. The nucleus of the work is provided by continued observations of a (supposedly) single individual (the appendix gives weights of eggs laid by "this" cuckoo over several seasons).

A major, soundly-reasoned, and fairly early work in the methodical study of avian brood-parasitism, here with special reference to *Cuculus canorus*. In this connection, among other papers, one should see also Baker's work of 1942 (No. 154), and Herbert Friedmann's *The parasitic cuckoos of Africa* (Washington Acad. Sci. Monogr. no. 1, 1948). A revised sequel to the work, reaffirming its major conclusions, appeared in 1940 under title of *The truth about the cuckoo* (New York and London, Charles Scribner's Sons; cf. *Auk*, 1941:420, *Ibis*, 1941:192-194).

Wood, 284. Reviewed: *Auk*, 1922:432-433 (Witmer Stone); *Ibis*, 1922:579 (see also Baker, E. C. S., *Bull. Brit. Orn. Club*, 42:93-112, 1922; crit.).

CHAPIN, JAMES PAUL (1889-)

485. 1932-54. *The birds / of the Belgian Congo / Part I [II] / By James P. Chapin / Bulletin / of / the American Museum of / Natural History / Volume LXV, 1932 [LXXV, 1939] / [Seal] / New York / December 15, 1932 [October 27, 1939].*

Pts. 3 and 4 titled as follows:

The birds of the / Belgian Congo / Part 3 [4] / James P. Chapin / Bulletin / of the / American Museum of Natural / History / Volume 75A New York: 1953 [Volume 75B New York:1954].

4 vols., 8vo (24.0 × 15.7 cm).

Pt. 1: pp. i-x, 1-756; fotogr. front., fotogr. plates I-X, text figs. 1-208 (photos., line-cuts; of maps, habitats, diagrams, birds, etc.), 1 fold. map. December 15, 1932.

Pt. 2: pp. i-vii [viii], 1-632; plates I (col. front. by Lodge, of *Afropavo congensis*), II-XXI (plates II, III col., ornith., by Fuertes; remainder fotogr.), ornith. text-figs. 1-38. October 27, 1939.

Pt. 3: pp. 1-821; fotogr. plates 1-14, ornith. text-figs. 1-36. May 20, 1953.

Pt. 4: pp. i-ix [x], 1-846; fotogr. plates 1-27, ornith. text-figs. 1-46. Date of issue not given.

Contents—Each part has title, conts., list of illustrs., introd., and index; pts. 3 and 4 have half-titles and editor's notes. Other contents as follows. Pt. 1: topog-

raphy, etc., pp. 27-46; climate, pp. 47-82; faunal relations and subdivisions, pp. 83-203; distribution and ecology, pp. 204-264; geographic variation, pp. 265-300; breeding seasons, pp. 301-321; migration, pp. 322-362; evolution and relationships of the Ethiopian avifauna, pp. 363-391; text, a "systematic list of species and races, with notes on distribution, habits, and food" (Struthioniformes to Galliformes, closely following the classification of Sclater's *Systema Avium Aethiopicarum*), pp. 393-723. Pt. 2: text (Ralliformes to Piciformes), pp. 5-597. Pt. 3: text (Passeriformes—Eurylaimidae to Hirundinidae), pp. 11-786. Pt. 4: text (Passeriformes—Dicururidae to Fringillidae), pp. 3-621; species recorded since 1932, etc., pp. 621-637; gazetteer, pp. 638-738; bibl., pp. 739-809.

One of the most thoroughly prepared and notable faunal works in the literature of ornithology and an indispensable reference for work on African birds. The extensive introductory matter contains much of interest to faunal workers generally. The gazetteer from pt. 4 seems also to have been separately issued (*cf. Ibis*, 1955: 604).

Reviewed: (part 1) *Auk*, 1933:237-240 (Witmer Stone); *Ibis*, 1933:562-565 (D. A. Bannerman); (part 2) *Auk*, 1940:260 (Herbert Friedmann); *Ibis*, 1940:357-359 (Bannerman). Reviews of subsequent parts are little more than notices.

CHAPMAN, ABEL (1851-1929)

486. 1924. **The / borders and beyond / Arctic . . . Cheviot . . . Tropic /** [*Quot.*, 2 lines] / By Abel Chapman, M.A. / Author of / Bird-life of the borders [*Etc.*, 2 lines] / With nineteen coloured plates by W. H. Riddell / and 170 sketches by the author / maps, diagrams; etc. / Gurney and Jackson / London: 33 Paternoster Row / Edinburgh: Tweeddale Court / 1924.

8vo (22.2 × 15.5 cm). Pp. i-xxi [xx], 1-489 [490-492]; col. front., 34 plates (chiefly ornith.; 13 col., 3 with 2 figs. each, being with front. 17—not 19—col. illustrs. in all; remainder half-tones of drawings and photos.), approximately 170 text-figs., 2 fold. maps.

Contents—Half-title; title; ded.; pref., pp. vii-x (dated April 23, 1924); conts.; list of illustrs.; text, pp. 1-475, in chapters I-XXXIV; appendices A-D, (pp. 476-482 (on various subjects); index, pp. 483-489; advt., 3 pp. The diversity of the interesting, mainly ornithological text precludes detailed description. Most of Riddell's paintings and the author's informal sketches are excellent.

A work largely concerned with the birds of the English-Scottish border country. Chapman's works (see also Nos. 487, 488) call to mind what Theodore Roosevelt meant by "the vigorous life," and it is not surprising that the latter wrote (*Outlook*, 16 Sept. 1911): "There is not one of [Chapman's] books . . . which a man who cares for natural history, shooting, or hunting, can afford to be without." An observant sportsman-naturalist, the author remained for many years a severe critic of laboratory and "closet" naturalists. Although possessed of certain deep-rooted prejudices (see present work, pp. 440-466) seemingly incompatible with scientific logic, he had also the rare power of graceful retraction (see No. 488, pp. 244-250), and his entertaining books contain valuable observations not easily duplicated.

Zimmer, 127 (see also *Ibis*, 1929:348-352; obit., partial biogr. and bibl.).

487. 1928. **Retrospect** / reminiscences and impressions / of a hunter-naturalist / in three continents / 1851-1928 / By Abel Chapman / Illustrations by Joseph Crawhall, W. H. Riddell (20 in colour) / and rough sketches by the author / [*Quots., 6 lines*] / Gurney and Jackson / London: 33 Paternoster Row / Edinburgh: Tweeddale Court / 1928.

8vo (22.2 × 15.4 cm). Pp. i-xix [xx], 1-353 [354], [6]; col. front., 55 plates (many ornith.; 19 col., 36 half-tones of drawings and photos.), 138 text-figs. (mainly drawings by author, Riddell, and others).

Contents—Half-title; title; ded.; pref.; “L’envoi”; conts.; slip of errata (at p. xiv); list of illustrs.; text, pp. 1-317, in chapters I-XXIII; appendices A-C, pp. 318-345 (containing remarks on age, molts, plumages, etc., of birds, and other matter); index, pp. 347-353; advt., 3 leaves (reviews, etc.). The text is diverse, largely ornithological, and of considerable interest both popular and scientific.

The present work reviews much of the author’s broad experience (see also No. 486) afield, especially in England, Africa, and Spain, with frequent digression into matters of biological theory. Some of Riddell’s illustrations are superb.

Wood, 284. Reviewed: *Auk*, 1928:391-392 (Witmer Stone).

488. 1930. **Memories** / of fourscore years less two / 1851-1929 / By Abel Chapman, M.A. / Author of [*Etc., 4 lines*] / With a memoir / by George Bolam / With many illustrations in the text by the author / coloured and half-tone plates by W. E. Riddell / Gurney and Jackson / London: 33 Paternoster Row / Edinburgh: Tweeddale Court / 1930.

8vo (22.2 × 15.5 cm). Pp. i-xxvii [xxviii], 1-257 [258-260]; fotogr. front. (portr. of author), 27 plates (24 col., 3 half-tone), 81 text-figs.

Contents—Blank leaf (pp. i-ii); half-title; title; pref. (by Bolam and Riddell); biographical memoir (by Bolam), pp. ix-xix; conts.; list of illustrs.; text, pp. 1-229, in chapters I-XXI divided among 4 parts (Egypt, Africa, Spain, Northumberland); appendices I-III, pp. 230-250 (partly ornith.); index, pp. 251-257; advt., 3 pp. Text diverse, worthwhile, largely ornithological, and much like that of No. 487.

See Nos. 486 and 487 for further discussion of the author’s writings. The present published posthumously, is his last, and forms a natural sequel to the two described above.

Reviewed: *Auk*, 1931:293-294 (Witmer Stone).

CHAPMAN, FRANK MICHLER (1864-1945)

489. 1895. **Handbook of birds** / of eastern North America / with keys to the species / and descriptions of their plumages, nests, and eggs / their distribution and migrations / and a brief account of their haunts and habits / with introductory chapters on the / study of ornithology, how to identify birds / and how to collect and preserve birds / their nests, and eggs / By / Frank M. Chapman / Assistant Curator of the Department of Mammalogy and Ornithology / [*Etc., 2 lines*]. / With full-page plates in colors and black and white / and upward of one hundred and fifty cuts / in the text / New York / D. Appleton and Company / 1895.

8vo (18.8 × 12.7 cm). Pp. i-xiv, 1-421 [422], [6]; col. plate I (front.; by E. E. Thompson), col. plate II (chart), 18 half-tone plates (photos. of habitat groups, etc.), text-cuts 1-115.

Contents—Title (copyright 1895, v.); ded.; pref. (dated January, 1895); conts.; list of illustrs.; text, with introd. (pp. 1-31) in chapters I-III (remarks on philosophy of ornithology, etc.), plan of the work (pp. 32-39), list of abbrevs. (p. 40), illustrated keys to order and families (pp. 41-55), description of the species (pp. 56-403), in systematic order, with keys, short descriptions, remarks on range, migration dates, nest, and general characteristics; list of reference works, pp. 404-407; index, pp. 409-421.

The first edition of a classic which has probably influenced the development of more ornithologists than any other American manual, and of which the later editions are still valuable as a repository of many kinds of information on the birds of the area. In some ways, Chapman's *Handbook* partly filled a niche formerly occupied exclusively by Coues' great *Key* (No. 575, etc.), and no adequate replacement for either has appeared. The popularity of the work resulted in a considerable number of impressions, which, from the evidence before me, seem probably to have belonged to three true editions (1, 1895; 2, 1912; 3, 1932). The important stages in development of the text, however, number at least five, as follows. (1) The first edition, published May 1895. (2) A "second edition," being another impression from the same type, printed a few months later with a few typographical errors corrected and the addition of appendix I (a field key to common birds). (3) Appendix II, incorporating certain changes in nomenclature, etc., was added to the "fourth edition," 1897, in which a few additional minor charges were made in the text. This was no more than another impression, and further ones appeared at least in 1900, 1901 (No. 490), 1902, and 1904, all seemingly called the "sixth edition." (4) The first "revised edition," published in 1912 and evidently representing a wholly new setting of type. In this (true second edition) the introduction was completely rewritten, with much new matter, and expanded from 31 to 117 pp., pagination of the entire volume becoming i-xxxix [xxx], 1-530. The entire text was revised (nomenclature of A.O.U. *Check-List*, 3rd edit., 1910), a number of plates added and some earlier ones eliminated (bringing the total to 24, 8 colored), the appendices added earlier incorporated in the text, and a classified bibliography of North American ornithology added as a new appendix. The work in this form underwent several further impressions, numbering at least those of 1924 (No. 491), 1927, and 1928. Finally (5), the second "revised edition" (true third) was published in 1932, immediately after the appearance of the fourth edition of the A.O.U. *Check-List*, the nomenclature and order of which were adopted. The work was again completely revised, brought up to date, considerably enlarged, and more plates were added (bringing the total to 29). This is the best edition, a further impression of which is dated 1940 (No. 492).

Wood, 285 (impressions dated 1902, 1904, 1927); Zimmer, 128-129 (impressions dated 1900, 1912). Reviewed: *Auk*, 1895:282-284 (E. P. Bicknell, 1st edit.); 1895:385 (J. A. Allen, "2nd edit."); 1897:419 (J. A. Allen, "4th edit."); 1912:402-403 (Witmer Stone; "rev. edit."); 1932:242-243 (W. Stone, "2nd rev. edit.").

lines] / Sixth edition / [*Idem*, 2 *lines*] / 1901. Size and collation as in No. 489, except as shown below.

Contents—As in No. 489, except for correction of a few typographical errors and the addition of appendix I (pp. 404-410), “A Field Key to our Commoner Eastern Land Birds,” and appendix II (pp. 411-414), discussion of 3 species and 6 subspecies added and 17 nomenclatural changes made necessary since initial publication of the work; the list of reference works is paged 415-418; index, pp. 419-431.

Another impression of the first edition (No. 489).

491. 1924. **Handbook of birds / of eastern North America /** with introductory chapters on / the study of birds in nature / By / Frank M. Chapman / Curator of Ornithology [*Etc.*, 3 *lines*] / With full-page plates in colors and black and white / by Louis Agassiz Fuertes / and text-cuts by Tappan Adney and Ernest Thompson Seton / **Revised edition** / New York and London / D. Appleton and Company / 1924.

(18.7 × 12.8 cm). Pp. i-xxx [xxx], 1-530; plates I (col. front.), II-XXIV (7 col., the rest wash drawings and photos.), col. fold. chart, text-cuts 1-136, col. fold. endpaper map.

Contents—Half-title; title; ded.; pref. to rev. edit. (dated Oct. 1, 1911); plan of the work, pp. xiii-xx; conts.; list of illustrs.; introd., pp. 1-117, in chapters I-III; key to orders and families, pp. 118-132; field key to common eastern land birds, pp. 133-138; descriptions of the species, with brief accounts of plumage, range, migration, nest, and general characteristics, pp. 138-500; bibliographical appendix, pp. 501-515 (important papers arranged by regions, states, etc.); index, pp. 517-530.

One of several impressions of the first major revision (true second edit.) of the work (for history see first edit., No. 489), originally published in this revised form in 1912. A further revision appeared in 1932 (see No. 492).

492. 1940. **Handbook of birds / of eastern North America /** with introductory chapters on / the study of birds in nature / By / Frank M. Chapman / Curator of Ornithology [*Etc.*, 3 *lines*] / With illustrations by Louis Agassiz Fuertes, / Tappan Adney, Ernest Thompson Seton, and Francis L. Jaques / [*Device*] / **Second revised edition** / D. Appleton-Century Company / Incorporated / New York London / 1940.

(18.9 × 12.8 cm). Pp. i-xxxvi, 1-581; plates I (half-tone front., by Jaques), II-XXIX (8 col., by Fuertes; rest half-tones of drawings by Fuertes, and photos.), fold. col. chart, text-cuts 1-166, col. endpaper map.

Contents—Half-title; title (copyrights on v.: 1895, 1912, 1932, D. Appleton Co.; 1923, 1932, 1939, F. M. Chapman); ded.; pref. to first rev. edit., pp. vii-viii (Oct. 1, 1911); pref. to second rev. edit., p. ix (Nov. 24, 1931); list of abbrevs.; conts.; list of illustrs.; plan of the work, pp. xxi-xxviii; historical review, pp. xxix-xxxvi (ornithological progress, 1895-1931); text, with general matter on pp. 1-124, in chapters I-III; synopsis of orders and suborders, pp. 125-133; field key to common species, pp. 134-139; and accounts of the species, pp. 139-546, with keys thereto, brief descriptions, notes on range, migration, nest and eggs, general comments,

etc., for each; bibliographical appendix, pp. 547-566 (important titles arranged by states and areas); index, pp. 567-581.

Another impression of the "second revised" (true third) edition, first published in 1932 with similar title but slightly different imprint. The first edition (*q.v.*, history, etc.) appeared in 1895 (No. 489), and the "first revised" (true second) edition in 1912 (see No. 491). The book in its present form contains the most thorough compilation of essential information on the birds of the area yet produced in a work of its size.

493. 1897(?). *Bird-life / A guide to the study of / our common birds / By / Frank M. Chapman / Assistant Curator of the Department of Mammalogy and / Ornithology in the American Museum of Natural / History; [Etc., 3 lines] / With seventy-five full-page plates and / numerous text drawings / By Ernest Seton Thompson / Author of Art anatomy of animals, The birds of Manitoba, etc. / [Vign.] / New York / D. Appleton and Company / 1897.*

8vo (18.8 × 12.7 cm). Pp. i-xii, 1-269 [270], [2]; plates I (front.), II-LXXXV (half-tones; by Ernest Seton Thompson, later Thompson Seton), text-cuts 1-25.

Contents—Title; ded.; pref. (dated January 1897); conts.; list of illustrs.; text, with chapters I-VIII, pp. 1-83, of general nature, followed by a series of accounts of common birds, pp. 84-261; pp. 263-269; advt., 1 leaf.

A now outdated little work of interest as a concise, popular survey of ornithological knowledge of the time. It was first published in 1897, probably before July. At least two versions exist with title-pages dated 1897: that (presumably the first) reviewed by Robert Ridgway (see below) and another in which the errors pointed out by Ridgway have been corrected. The Ellis copy is an example of the second variety, printed late in 1897, if not actually in 1898. The history of subsequent printings is somewhat confusing. One with a supplementary section for teachers appeared in 1899 (No. 494), and, thus enlarged, the work underwent several further impressions, some of which are listed under No. 494. A "popular edition in colors" was also released, with a few changes and on larger paper, evidently as early as 1898 (see *Auk*, 1898:72). A copy of this at hand dated 1904 (No. 495) is no more than another impression, slightly revised and partly repaged, of the text of the first edition. The limited evidence available suggests that all impressions after 1899 belong with this "popular" series.

Reviewed: *Auk*, 1897:336-338 (Robert Ridgway; initial impression).

494. 1899. *Bird-life. / [As No. 493, 13 lines] / Teachers' edition / [Idem, 2 lines] / 1899.*

8vo (18.8 × 12.7 cm). Pp. i-xiv, 1-269 [270], i-v [vi], 1-88, [2]; plates I (front.), II-LXXXV (half-tones; by Ernest Seton Thompson), text-cuts 1-25.

Contents—Title; ded.; pref. (dated January 1897); conts.; list of illustrs.; "Teachers' portfolio of plates" (a list of 25 additional plates which, with the 75 of the present work, were colored and issued separately in 3 portfolios for use by teachers in connection with this work; portfolios lacking); text and index, pp. 1-269, of the first edit. (same setting of type), representing the corrected version of

this edit. (see No. 493); appendix, for use by teachers, with subtitle, p. i, pref., pp. iii-v (dated November 1898), and questions on various chapters, suggested topics for teaching, etc., pp. 1-88; advt. of portfolios of plates mentioned above, 1 leaf.

Another impression with additions, of the first edition of the author's *Bird-life* (1897; No. 493). The appendix is new and this seemingly represents its first appearance. As here augmented the work was printed several times, at least in some cases with colored plates and somewhat differently arranged (the so-called "popular edition in colors"). On record are imprints dated 1904 (No. 495), 1909 (Wood, 285), 1922 (Zimmer, 130),¹ and 1926 (Wood, 286).

495. 1904. Popular edition in colors / **Bird-life** / A guide to the study of / our common birds / By / Frank M. Chapman / Associate Curator [*Etc.*, 5 lines] / [*Device*] / With seventy-five full-page colored plates / after drawings by Ernest Seton-Thompson / New York / D. Appleton and Company / 1904.

8vo (20.2 × 12.6 cm). Pp. i-xii, 1-195 [196], i-v [vi], 1-88; chromolith. plates I (front.), II-LXXV (by Seton-Thompson), XCI (of eggs; by John R. Bacon), text-cuts 1-25.

Contents—Title (copyrights 1897, 1899, 1901 on v.); ded. (v. of title); pref., pp. iii-iv (dated January 1897); pref. to present "edition," pp. v-vi (dated March 1901); conts.; list of illustrs.; text, with introductory general matter, pp. 1-83, and accounts of common birds, pp. 84-187; index, pp. 189-195; appendix, for use by teachers, pp. i-v, 1-88. The plates are reproductions of hand-colored photographic copies of the original uncolored drawings used for the earlier impressions (nos. 520, 521), and very poor by present standards. Plate XCI is evidently from the additional 25 plates published in 1899 (No. 494) as part of a separate "teachers' portfolio."

Another impression of the first edition (No. 493), mainly, if not entirely, from the original type, save for a few minor alterations and substitutions of some new preliminary matter. The difference in pagination from earlier impressions is accounted for by the fact that in those the plates were included in pagination. The preface suggests that the work was first printed in the present form in 1901, but there is record of a version with colored plates in 1898 (see *Auk*, 1898:72). Further impressions appeared at least in 1909, 1922, and 1926 (Wood, 285-286; Zimmer, 130).

496. 1903. **Bird studies** / with a camera / with introductory chapters / on the outfit and methods / of the bird photographer / By Frank M. Chapman / Assistant Curator of Vertebrate Zoology / in the American Museum of Natural His- / tory, [*Etc.*, 2 lines] / [*Photo*]. / With over one hundred photographs / from nature, by the author / New York / D. Appleton and Company / 1903.

8vo (19.0 × 12.5 cm). Pp. i-xiv, 1-218 [6]; photogr. front. (numb. 1), photogr. text-figs. 2-110, 13 photogr. initials, tail-pieces, etc.

Contents—Half-title; title (copyright 1900 on v.); ded.; pref. (dated March,

¹ Zimmer gives pagination of appendix only.

1900); conts.; list of illustrs.; introd., pp. 1-5; text, under various headings, equipment and method being discussed on pp. 6-39, and various experiences in bird photography in diverse areas of North America on pp. 40-214; index, pp. 215-218; advt., 3 leaves.

Useful information, particularly at the time of publication, by a pioneer bird photographer, with the inclusion of much interesting ornithological matter. First published in 1900, and appeared again in 1914.

Wood, 285 (impression of 1900); Zimmer, 129-130 (1914). Reviewed: *Auk*, 1900:312-313.

497. 1903. State of New York / Forest, Fish and Game Commission / **The Economic Value of Birds / to the State** / By / Frank M. Chapman / Associate Curator of Mammology [*sic*] and Ornithology in the American / Museum of Natural History / [*Seal*] / Albany / J. B. Lyon Company, printers / 1903.

(28.2 × 20.4 cm). Pp. 1-66; 12 chromolith. plates (by L. A. Fuertes).

Contents—Title; conts.; introductory matter, pp. 1-24; annotated list of common species, with comments on food habits and economic importance, pp. 24-63; bibl. of major papers on food habits, pp. 63-66.

An early paper on the subject. Some of the illustrations by Fuertes, then among the best published in America, were later used in Eaton's *Birds of New York*, 1910-1914, *infra*; others appeared in various government publications on food habits. The work is dated 1902 in Chapman's own bibliography (No. 509, p. 392), having originally appeared in the 7th report of the New York Forest, Fish and Game Commission published in that year (paged 115-176 without title or contents).

Reviewed: *Auk*, 1903:453 (J. A. Allen).

498. 1907. **The warblers / of / North America** / By / Frank M. Chapman / with the coöperation of other ornithologists / With twenty-four full-page colored plates, illustrating / every species, from drawings by Louis Agassiz Fuertes / and Bruce Horsfall, and half-tones / of nests and eggs / [*Device*] / New York / D. Appleton & Company / 1907.

(23.6 × 16.3 cm). Pp. [2], i-ix [x], 1-306; col. plates I (front.), II-XXIV, 8 photogr. plates (nests and eggs).

Contents—Half-title; title; pref. (dated January, 1907); conts.; list of illustrs.; introd., pp. 1-6; text, with general matter on pp. 7-36 (pp. 14-20, headed "Migration of warblers," by Wells W. Cooke; pp. 23-32, "Food of warblers," by Edward Howe Forbush), and a detailed treatment of the species, pp. 37-297, giving for each distinguishing characters, descriptions of various plumages, general and summer distribution, details of migration (often in tabular form), accounts of "The Bird and its Haunts," and of song, nesting (site, nest, eggs, dates), and "Biographical [= bibliographic] References"; hypothetical list, pp. 299-300; index, pp. 301-306. The migration tables are based on those by Cooke in his "Distribution and migration of North American warblers" (Bull. 18, U. S. Biol. Surv.), and were published in less detail in various issues of *Bird-Lore*. The colored plates were also earlier published in that journal.

Until recent years the best source of summarized information on the subject. Integrated in the work and fully credited are the observations, many of them here first published, of numerous contributors. The work has been superseded to some extent by A. C. Bent's recent treatment of the family (No. 252) and by *The warblers of America*, 1957, by Griscom, Sprunt, *et al.* The Ellis copy of the first impression bears Chapman's autograph, dated May 31, 1907. The work was reprinted several times with no changes of consequence except for revision of nomenclature (see No. 499).

Zimmer, 128. Reviewed: *Auk*, 1907:227-229 (J. A. Allen).

499. 1917. **The warblers / of / North America.** [*As No. 498, idem, 8 lines*] / **Third edition** / [*Idem, 2 lines*] / 1917. Size and collation the same and contents almost the same as those of the first impression (No. 498).

The book appears to be from the 1907 setting of type and correspondingly agrees in general with the first impression line for line and page for page. The nomenclature has been revised and a very few minor changes made in the wording of preliminary matter. On reverse of title it is stated that the work was published in 1907 and reprinted in January 1914 and October 1917. Oddly, a further impression (1923) that I have seen again carries the date 1907 on title. Copies are probably best cited according to the last date of printing on reverse of title.

500. 1908. **Camps and cruises / of an / ornithologist / By / Frank M. Chapman / Curator of ornithology, American Museum of Natural History / [Etc., 4 lines] / With 250 photographs from nature / by the author / [Device] / New York / D. Appleton and Company / 1908.**

8vo (22.7 × 15.5 cm, untrimmed). Pp. i-xvi, 1-432; col. fotogr. front., approximately 250 photos. in text (some full-page), map.

Contents—Half title; title (copyright on v.; "Published November, 1908"); ded. (map on v.); pref. (dated October 1908); conts.; introd., pp. xi-xvi (on methods of bird photography); text, pp. 1-415, in parts I-VIII with subheadings under these, describing observations made while gathering material for the American Museum of Natural History in various parts of North America and in England; indices to illustrs. and text, pp. 417-432. Considerable first-hand ornithological information is included, still valuable.

Informative and well written popular material on many kinds of birds and ornithological experiences. Another copy from the same setting of type appears to represent a later impression lacking date on title and in preface and with some scientific names changed. Inscribed: C. J. Pennock, December 25, 1908.

Zimmer, 128-129. Reviewed: *Auk*, 1909:89-90 (J. A. Allen).

501. 1912. **Color key to / North American birds / With Bibliographical Appendix / By / Frank M. Chapman / Curator of Ornithology / in the American Museum of Natural History / Author of "Handbook of Birds of Eastern North America," / "Bird-Life," Etc. / With Upward of 800 Drawings / By / Chester A. Reed, B.S. / Revised Edition / [Device] / New York / D. Appleton & Company / 1912.**

8vo (22.1 × 15.6 cm). Pp. i-x, 1-356; front. (chart of bird, on p. iv), 880 text-cuts (128¹ drawings of structural details grouped over 86 legends in synopsis; 721 figs. of birds, tinted when other than black, white, or gray, and 31 figs. of structural details, 4 tinted, all arranged in 184 vertical columns opposite text in key to species, the figs. numb. with A.O.U. numbers corresponding with text).

Contents—Half-title; title; pref.; pref. to rev. edit. (dated October 1912); conts.; notes on illustrs., and list of abbrevs.; introd., pp. 1-8 (on bird names); synopsis of orders and families, pp. 9-40; "Color key to North American birds," pp. 41-255, arranged systematically in non-passerines, mainly by predominant colors in passerines, with brief accounts of major groups and short descriptions of the species; systematic table, pp. 257-292, giving names and A.O.U. number of each form; appendix I, pp. 293-304 (on nomenclatural changes, etc., since first edit.); appendix II, pp. 305-331 (faunal bibl.); index, pp. 333-356.

A work intended to assist the beginner in field identification. It never achieved the popularity of the author's much more informative and sophisticated *Handbook* (No. 489). The first edition was published by Doubleday, Page & Co. in 1903, the present edition being unchanged in the color key but incorporating some new introductory matter, with the systematic table revised and completely reset to conform with the A.O.U. *Check-List* of 1910 as modified by a supplement in *The Auk*, 1912:380-387. The changes necessitated by the last are discussed in appendix I. The faunal bibliography (appendix II) is new in this edition, but is essentially the same as that in the author's *Handbook*, first revised edition (No. 491), with a few additions.

Wood, 285-286; Zimmer, 129. Reviewed: *Auk*, 1904:296-297 (J. A. Allen; 1st edit.); 1913:442 (Witmer Stone; present edit.).

502. 1916. *The / travels of birds / Our birds and their journeys / to strange lands / Frank M. Chapman / the bird's historian / New York and London / D. Appleton and Company. [Decorative vign. interwoven with title]*

8vo (18.6 × 12.5 cm). Pp. [10], 1-159 [160]; front., 21 text-cuts (maps and drawings).

Contents—Half-title; title (copyright 1916, on v.); ded.; conts.; list of illustrs.; text, pp. 1-158, in chapters I-XII, being a popular, simplified account of bird migration for school children; index, p. 159-[160].

An elementary treatment of the subject. Reviewed: *Auk*, 1916:441 (Witmer Stone).

503. 1917. *Bulletin / of / The American Museum / of Natural History / Volume XXXVI, 1917 / Editor, J. A. Allen / The distribution of bird-life in Colombia; a contribu- / tion to a biological survey of South America / By / Frank M. Chapman / [Seal] / New York / Published by order of the Trustees / 1917 / For sale at the Museum.*

(23.4 × 15.2 cm). Pp. i-x, 1-729; plates I-XLI (4 col., ornith., by L. A. Fuertes;

¹For this and the following figures, here counted 3 times with a mechanical counter, Zimmer gives 127, 725, and 33, respectively. Bibliography sometimes sinks to sordid depths of triviality!

2 fold. and 3 col. maps; 32 half-tones, of 58 photos.), text-figs. 1-21 (mainly distribution maps).

Contents—Title; list of officials of American Museum; conts. and list of illustrs.; synopsis of text, pp. 1-2; text, with Part I, introd. (pp. 3-169), describing area, history of ornithology, field work of the Museum, biotic zones, etc.; Part II, "A distributional list of the birds collected in Colombia by the American Museum's Expedition" (pp. 170-639); gazetteer, pp. 640-656; selected faunal bibl., pp. 657-659; errata, p. 660; index, pp. 661-729. The distributional list gives short descriptions of each form, with comment on its distribution, relationships, and specimens obtained, the facts so reported forming the basis for the extensive analytical matter on bird distribution in the introduction.

One of the more important basic faunal studies of South American birds, and a pioneer work in avian zoogeography. The author later prepared a similar work on the birds of Ecuador (No. 507). Author's presentation copy autographed for Dr. C. Hart Merriam.

Anker, 96. Reviewed: *Auk*, 1918:242-246 (Witmer Stone).

504. 1919. **Our winter birds / how to know / and / how to attract them / By / Frank M. Chapman / Curator of birds in the American Museum of Natural History / Editor of "Bird Lore" / [Device] / Illustrations / by / Ernest Thompson Seton / and / Edmund J. Sawyer / D. Appleton and Company / New York London / 1919.**

(18.7 × 12.5 cm). Pp. [2], i-ix [x], 1-180 [2]; col. plates I-II (endpapers, by Sawyer), line-cut front., 18 text-cuts.

Contents—Legend of plate I, 1 leaf; half-title, p. i; title; explanation of plates, conts.; list of illustrs.; introd., pp. 1-20; text, pp. 21-178, being a popular account of common "home" birds, "field" birds, "forest" birds, etc.; index, pp. 179-180; legend of plate II, 1 leaf.

One of several popular but authoritative works leading to the author's recognition as a pre-eminent popularizer of American birds. The work was first published in 1918 with collation as above, in which form, according to Stone, it was intended for schools, while a more profusely illustrated version was contemplated for the general public. Such may be represented by Wood's entry (p. 286) of a 1918 copy with 2 colored plates, 7 uncolored plates, and 56 text-figures. A later impression (No. 505) also has added plates.

Reviewed (first issue): *Auk*, 1918:137-138 (Witmer Stone).

505. 1928. **Our winter birds. [As No. 504, 15 lines] / 1928.**

(18.8 × 12.4 cm). Pp. i-ix [x], 1-180 [2]; col. plates I-II (endpapers, by Sawyer), 7 half-tone plates (by Seton), 18 text-cuts.

Contents—Except for title, list of illustrs. (expanded to 2 pp. to accommodate added plates), new list of author's works (on v. of half-title), added plates, and suppression of earlier front., the same as No. 504 (the text agrees line for line

and page for page). The added half-tones are from the author's *Bird-life* (Nos. 493-495).

Another impression.

506. 1921. Smithsonian Institution / United States National Museum / Bulletin 117 / **The distribution of bird life in / the Urubamba Valley / of Peru / A report on the birds collected by the / Yale University-National Geographic / Society's expeditions / By / Frank M. Chapman / Of the American Museum of Natural History / [Seal] / Washington / Government Printing Office / 1921.**

8vo (24.6 × 15.3 cm, untrimmed). Pp. 1-138; plates 1-9 (plate 1 a fold. map; plates 2-8, printed one or both sides of 5 leaves, contain 14 photos.), text-cuts 1-3 (1 diagram, 2 maps).

Contents—Title; advt.; conts.; list of illustrs.; introd., pp. 7-9; text, describing previous ornithological work (pp. 9-11), collecting stations (pp. 12-26), life-zones (pp. 26-40), etc., and forms of birds recorded (pp. 41-124) in a briefly annotated systematic list; index, pp. 125-138.

A valuable faunal survey based on 1,833 specimens obtained by Edward Heller, April-November, 1915; Chapman, July 1-24, 1916; and others. The paper was "offered primarily as a contribution to a biological survey of the Andean system," an undertaking for which the author was particularly well qualified (see also Nos. 503, 507).

Wood, 286. Reviewed: *Auk*, 1921:611-612 (Witmer Stone).

507. 1926. Bulletin / of / The American Museum / of Natural History / Volume LV, 1926 / **The Distribution of Bird-Life in Ecuador / A Contribution to a Study of the Origin of Andean Bird-Life / By Frank M. Chapman / [Seal] / New York / Published by order of the Trustees / 1926.**

(23.4 × 15.7 cm). Pp. i-xiii [xiv], 1-784; plates I-XXX (5 col., ornith., by L. A. Fuertes; 3 maps, 1 fold., 1 col.; 22 half-tones, of 42 photos.), text-figs. 1-21 (mainly distribution maps).

Contents—Title; list of officials of American Museum; conts.; list of illustrs.; synopsis of text, pp. 1-2; text, with Part I, introd. (pp. 3-133), describing area, history of ornithology, field work of the Museum, biotic zones, etc.; Part II, "A distributional list of the birds of Ecuador" (pp. 134-702); appendix, with gazetteer (pp. 703-722) and selected faunal bibl. (pp. 723-735); addenda, pp. 736-738; index, pp. 739-784. The distributional list gives short characterizations of each form, with comments on its distribution, relationships, specimens obtained, etc.

A basic faunal study, similar in kind to the author's earlier work on Colombian birds (No. 503). Author's copy autographed for Dr. C. Hart Merriam.

Anker, 97. Reviewed: *Auk*, 1926:560-561 (Witmer Stone).

508. 1931. **The Upper Zonal Bird-Life of / Mts. Roraima and Duida / By Frank M. Chapman / Bulletin / of / The American Museum of / Natural History / Volume LXIII, 1931 / Article 1 / [Seal] / New York / 1931.**

(24.3 × 16.2 cm). Pp. [2], 1-135; text-figs. 1-42 (photos. and line-cut distribution maps).

Contents—Title; conts., p. 1; text, with Part I, introd. (pp. 2-59), describing ornithological history, the area, itineraries of expeditions, biotic zones, etc.; Part II, "Annotated list of species" (those recorded above 4,000 feet on Mt. Roraima in Brazil and above 3,250 feet on Mt. Duida in Venezuela) giving for each name and brief synonymy followed by various commentary on distribution and relationships, and sometimes tables of measurements (pp. 61-135).

One of the author's several major studies of South American birds (see also Nos. 503, 506, 507).

Reviewed: *Auk*, 1932:245-247 (Witmer Stone).

509. 1933. *Autobiography / of a bird-lover / By / Frank M. Chapman / Curator of Birds in The / American Museum of Natural History / [Device] / With photographs by the author; / drawings and four color plates by / Louis Agassiz Fuyertes / D. Appleton-Century Company / Incorporated / New York 1933 London.*

(21.8 × 14.7 cm, untrimmed). Pp. i-xiii [xiv], 1-420; front. (portr. of author), 54 plates (printed both sides of 27 leaves, with 79 photos. and 3 drawings by Fuyertes), 4 col. plates.

Contents—Half-title; title; ded.; foreword; conts.; list of illustrs.; text, pp. 1-384, being the historically rich review of the varied career of a great ornithologist, in two parts (each of 4 chapters), "The premuseum years 1864-1888," and "The Museum years 1888-1932"; partial bibl. of author, 1888-1932, pp. 385-399; index, pp. 401-420.

An important historical document, in which American ornithology as seen through the author's experienced eyes over a long period is sharply outlined and related to contemporary events and figures. The book should be valuable reading for all beginning students of American ornithology, and may be reread with profit and amusement by mature students.

Reviewed: *Auk*, 1934:106-107 (Witmer Stone).

CHAPPE D'AUTEROCHE, JEAN (1728-1769)

510. 1768. *Voyage / en Sibérie, / fait par ordre du Roi en 1761; / contenant / Les Moeurs, les Usages des Russes, et leur État Actuel; / la Description géographique & le Nivellement de la route de Paris à / Tobolsk; l'Histoire naturelle de la même route; des Observations / astronomiques, & des Expériences sur l'Electricité naturelle: / Enrichi / De Cartes géographiques, de Plans, de Profils du terrain; / de Gravures qui représentent les usages des Russes, leurs moeurs, leurs habillements, / les Divinités des Calmouks, & plusieurs morceaux d'histoire naturelle. / Par M. l'Abbé Chappe d'Auteroche, de l'Académie royale / des Sciences. / Tome Premier. / [engr. cut of learned cherubs, with signatures: Le Prince inv., A. J. Duclos sculp.] / A Paris, / Chez Debure, pere, Libraire, quai des Augustins, à Saint Paul. / M. DCC. LXVIII. / Avec Approbation, & Privilège du Roi.*

Title of vol. I, pt. 2 as follows:

[*Idem*, 4 lines] / Les Moeurs, les Usages des Russes, et l'Etat Actuel / de cette Puissance; la Description géographique & le Nivellement de la / route de Paris à Tobolsk; l'Histoire naturelle de la même route; des / Observations astronomiques, & des Expériences sur l'Electricité naturelle: / [*Idem*, 7 lines] / Seconde Partie. / [*Orn.*] / [*Idem*, 4 lines].

Title of vol. II as follows:

Voyage / en Sibérie, / contenant / la description / du Kamtchatka, / ou l'on trouve / I. Les Moeurs & les Coutumes des Habitants du Kamtchatka. / II. La Géographie du Kamtchatka, & des Pays circonvoisins. / III. Les avantages & les désavantages du Kamtchatka. / IV. La réduction du Kamtchatka par les Russes, les révoltes arrivées en / différents temps, & l'état actuel des Forts de la Russie dans ce Pays. / Par M. Kracheninnikow, Professeur de l'Académie des Sciences / de Saint-Petersbourg. / Traduit du Russe. / Tome Second. / [*Orn.*] / A Paris, / Chez Debure, pere, Libraire, quai des Augustins, à Saint Paul. / M. DCC. LXVIII. / Avec Approbation, & Privilège du Roi.

The atlas is untitled, commencing with an engraved illustration showing the general route surrounded by symbolic figures, with the text "Carte Générale" at the head and "la France et l'Empire, la Pologne et la Russie" at foot, and signed "J. B. Le Prince del" and "J. B. Tilliard sculp."

2 vols. in 3, 4to (33.8 × 25.8 cm); 1 atlas volume, folded to same size.

Vol. I, pt. 1: pp. [4] i-xxx [xxxi-xxxii], 1-347; engr. front., engr. plates I-XXVIII (I, V, VIII, XXVII fold., IX, X ornith.), 1 table tipped in.

Vol. I, pt. 2: pp. [5] 348-767; engr. plates XXIX-XXXVI.

Vol. II: pp. [i-v] vi-xvi, 1-627 [628-632]; engr. plates I-XVII.

Atlas: engr. "Carte Générale," engr. fold. maps and plans I-XXVII (for vol. I), 3 engr. fold. maps (for vol. II).

Sigs.—Vol. I, pt. 1: π^2 a-d⁴ A-Vv⁴ Xx²; 192 leaves. Vol. I, pt. 2: π^2 2 π^2 χ 1 Yy-Dddd⁴; 213 leaves. Vol. II: [a]⁴ b⁴ A-Kkkkk⁴; 324 leaves. Atlas: unsigned.

Irregularities and variants—Another example in the Ellis Collection has a cancel title-page in vol. I, pt. 1; lines 5-8 have been re-set to read as lines 5-8 in vol. I, pt. 2, while the rest of the title-page is from the same setting of type as the original. Wormhole evidence in the first leaf of each of many gatherings demonstrates that the sheets for this copy lay without folding for some time before binding. This set differs otherwise only in binding, in the absence of a few plates, in the presence of an extra copy of one map, and in its atlas being folded and bound as an oblong book of 34.2 × 44.5 cm.

Contents—Vol. I, pt. 1: half-title, 1 (verso blank); title, 2 (verso blank); pref., a-b4^v; table des chapitres, c-d3^v; privilege, etc., d4; text, A-XX2^r (pp. 1-347, Xx2^r blank), by Chappe d'Auteroche, a description of his journey to Siberia in 1761 with observations on the customs of the peoples encountered, including notes on birds, fishes and insects (pp. 198-208, 16 species of birds being reported by vernacular name from Tobolsk, with accompanying figures of the "plongeon à gorge rouge"=*Gavia stellata*, and the "macreuse"=*Melanitta fusca*). Vol. I, pt. 2: half-title, 1; title, 2; text, 1-2, x1, Yy1-Aaaaa4^v (pp. [3-5] 348-744), by Chappe d'Auteroche,

treating the geography and various physical features of Siberia; index to vol. I, Bbbbb1-Dddd4^r (pp. 745-767). Vol. II: half-title, a1 (verso blank); title, a2 (verso blank); avis de l'editeur, a3-b1; table des chapitres, b2-4; text, A-Gggg3 (pp. 1-606), describing various aspects of Kamchatka (natural history, pp. 359-509; birds treated in some detail on pp. 486-502); index to vol. II, Gggg4-Kkkk2^r (pp. 607-627); errata, Kkkk2^v-3^r; directions to binder, Kkkk4. Atlas: general guide map, route maps (numbered Tom. I, no. I-XI), profile maps of the route (Tom. I, no. XII-XXI), plans of various Siberian mines showing mineral deposits (Tom. I, no. XXII-XXVI), map of Russia, Siberia, and Northern China (Tom. I, no. XXVII), 2 unnumbered maps of Kamchatka and one of the Kurile Islands. The second volume is translated from the Russian of Stepan Petrovich Krasheninnikov, whose observations in Kamchatka were made mainly in 1736-1743, partly together with Georg Wilhelm Steller. Steller's notes were combined with Krasheninnikov's in the work (see below) of which vol. II is a translation.

A well-known work of travel, esteemed for its colorful accounts of eighteenth century Russian customs. Although it contains some zoological matter in the first volume, as noted above, it is of interest in the present connection mainly for the second volume, which contains one of the earliest non-Russian accounts of the Kamchatkan observations of Georg Wilhelm Steller, perhaps the first capable zoologist to work in that country. Steller's notes were later edited by J. B. Scherer and published in greater detail as *Beschreibung von dem Land Kamtschatka* at Frankfurt and Leipzig in 1774.

The edition described here is the first edition of the combined work. An abridged version of the first volume was issued in English in 1770 (No. 511). Volume II is a translation of Krasheninnikov's *Opisanie Zemli Kamchatki*, first published in two volumes at Saint Petersburg in 1754. This text was also translated into English, by James Grieve, and published at London in 1763 and Gloucester in 1764 under the title *The History of Kamtschatka and the Kurilsky Islands*.

BMNH, I:336; Cox, I:351-352.

511. 1770. A / journey / into / Siberia, / made by order of the / King of France. / By / M l'Abbé Chappe d'Auteroche, / Of the Royal Academy of Sciences at Paris, in 1761. / Containing an account / Of the manners and customs of the Russians, / the Present State of their Empire; with the Natural History, / and Geographical Description of their Country, and Level of the / Road from Paris to Tobolsky. / Illustrated with cuts. / Translated from the French, with a Preface by the Translator. / London: / Printed for T. Jefferys, Geographer to the King. / MDCCLXX.
- 4to (25.5 × 20.0 cm). Pp. i-xiii [xiv-xx], 1-395 [396]; front. (col. fold. map), engr. plates II-IX, 1 diagram tipped in.

Sigs.—A⁴, b⁴, c², B-Zz⁴, Aa-Ddd⁴, Eee²; 208 leaves.

Contents—Title, p. i; translator's pref., pp. iii-xiii; conts., pp. xiv-xix (b3^v-c2^r); list of plates, p. xix; note on other works, p. xx; text, pp. 1-395, describing Chappe d'Auteroche's travels in Russia in 1761, pp. 228-237 being devoted to natural history; errata, p. 396. For fuller discussion see the French edit. (No. 510), the ornitho-

logical plates of which are not here reproduced. The ornithological text seems not to have been appreciably abridged.

An abridged translation of the first volume of the author's *Voyage en Sibérie* (No. 510).

CHARDIN, SIR JOHN (1643-1713)

512. 1711. *Voyages / de Monsieur / le chevalier Chardin, / en Perse, / et autres lieux / de l'Orient. / Tome premier* [-troisième], / Contenant le Voyage de Paris à Ispahan, Capitale de l'Empire de Perse. [Contenant une Description générale de l'Empire de Perse; & les Descriptions par-ticulieres des Sciences & des Arts, qui y son en usage; du Gouvernement Politi- / que, Militaire, & Civil, qui s'y observe; & de la Religion que l'on y exerce. (*Vol. II*); Contenant une Description particuliere de la Ville d'Ispahan, Capitale de Perse, & / la Relation de deux Voyages de l'Auteur d'Ispahan à Bandar-Abassi. (*Vol. III*)] / Enrichi d'un grand nombre de belles Figures en Taille-douce, représentant les Antiquitez / & les Choses remarquables du Pais. / [*Vign.*] / A Amsterdam, / Chez Jean Louis de Lorme. / M. DCCXI. [*Title in red and black.*]

3 vols., 4to (25.7 × 19.0 cm).

Vol. I: pp. [8] 1-279; engr. portrait, engr. plates I-XVIII, 1 engr. text fig.

Vol. II: pp. 1-454; engr. plates XIX-XXXIII, 1 engr. text fig.

Vol. III: pp. 1-254 [255-280]; engr. plates XXXIV-LXXVIII, 1 engr. text fig.

Sigs.—Vol. I: *4 A-Mm⁴; 144 leaves. Vol. II: A-Ll⁴ (Ll⁴ lacking, with no loss of text); 228 leaves. Vol. III: A-Mm⁴; 140 leaves.

Contents—Vol. I: title, *1^r; preface, *2-4^r; instructions to binder for placing plates, *4^v; text, A1-Mm⁴ ((pp. 1-279), describing the author's journey from Paris to Ispahan in 1671 to 1673. Vol. II: title, A1^r; text, A2-Ll³ (pp. 3-454), describing Persia and adjacent regions as observed by the author. Chapters VIII-X are devoted to natural history, including an entire chapter on birds (pp. 29-33). Considering the times, ornithological matter is rather extensive, although in places, as might be expected, highly imaginative. Some of the birds are easily identifiable with extant species. Vol. III: title, A1^r; text, A2-Ii³^v (pp. 3-254); corrigenda, Ii³^v (p. 254); index to all three volumes, Ii⁴-Mm⁴ (pp. 255-280). The third volume contains a description of Ispahan and adjacent regions (pp. 3-84), and an account of Chardin's journey from Ispahan to Bandar 'Abbās on the Persian Gulf in 1674, with particular emphasis on the archaeology of the area.

The first volume of Chardin's *Voyages* was first published in London in 1686, in French and English, by Moses Pitt, and went through several editions. This is the first edition of the second and third volumes, and contains some of the earliest ornithological observations made by a European in the Middle East. Two later editions (1735 and 1927) are in the Ellis Collection (Nos. 513 and 514), the latter containing a good bibliographical history of the work.

The Ellis copy of this edition formerly belonged to one S. Smith (early 19th century?) and lacks plates 2, 21-23, 29, 33-38, and 57-60.

513. 1735. *Voyages / du / Chevalier Chardin, / en / Perse, / et autres lieux / de l'Orient. / Enrichis de Figures en Taille-douce, qui représentent les Antiquités / & les choses remarquables du País. / Nouvelle édition, / Augmentée du Couronnement de Soliman III. & d'un grand / nombre de Passages tirés du Manuscrit de l'Auteur, qui ne / se trouvent point dans les Editions précédentes. / Tome Premier [-Quatrieme], / Contenant le Voyage de Paris à Ispahan. [Contenant une Description particuliere d'Ispahan; & la Relation des / deux Voyages de l'Auteur, d'Ispahan à Bander-Abassi. (Vol. II); Contenant une Description générale de l'Empire de Perse; & les Descriptions / particulieres des Sciences & des Arts, qui y sont en usage; du / Gouvernement Politique, Militaire, & Civil. (Vol. III); Contenant la Description de la Religion des Persans, & le / Couronnement de Soliman III. (Vol. IV)] / [Vign.] / A Amsterdam, / Aux Depens de la Compagnie. / M. DCC. XXXV. [Titles in red and black.]*

4 vols., 4to (27.3 × 21.8 cm, untrimmed).

Vol. I: pp. [12] 1-390; engr. port., engr. plates I-XVIII, 1 engr. text fig.

Vol. II: pp. [2] 1-359; engr. plates XXXIV-LXXVIII, 1 engr. text fig.

Vol. III: pp. [4] 1-437; engr. plates XIX-XXXIII, 1 engr. text fig.

Vol. IV: [4] 1-324 [325-353]; engr. plate LXXIX, 2 engr. text figs.

Sigs.—Vol. I: π^2 ***4 A-Ccc⁴ (Ccc4 lacking, with no loss of text); 404 leaves. Vol. II: π^1 A-Yy⁴; 181 leaves. Vol. III: π^2 A-Iii⁴ (Iii4 lacking, with no loss of text); 222 leaves. Vol. IV: π^2 A-Xx⁴ Yy1 (all after Yy1 lacking, with no apparent loss of text); 179 leaves.

Contents—Vol. I: title, π^1 ; publisher's preface to this edition, π^2 ; author's preface to 1711 edition, **1-4^r; instructions to binder for placing plates, ***4^v; text as in Vol. I of 1711 edition, A1-Ccc3 (pp. 1-390). Vol. II: title, π^1 ; text as in Vol. III of 1711 edition, A1-Yy4^r (pp. 1-359). Vol. III: title, π^1 ; list of chapters of Vol. III, π^2 ; text as in pp. 3-314 of the 1711 edition, A1-Iii3^r (pp. 1-437). Vol. IV: title, π^1 ; list of chapters of Vol. IV, π^2 ; text as in pp. 314-454 of 1711 edition, A1-Cc2^r (pp. 1-203); sectional half-title with text *Le / Couronnement / de / Soliman III. / Roi de Perse, / Et ce qui s'est passé de plus mémorable dans les deux / premières années de son Regne.*, Cc3^r (p. 205); Chardin's dedication to the king, Cc4 (pp. 207-208); preface, Dd1-2 (pp. 209-212); text, Dd3-Ss2 (pp. 213-324); index to all four volumes, Ss3-Yy1^r (pp. 325-353).

The text of the 1711 edition has been rearranged as indicated above and amplified by the addition of certain passages omitted from the 1711 edition because of political fears of the publisher and of the text on Suleiman III. The ornithological matter appears on pp. 38-43 of Vol. III without material change.

514. 1927. *Sir John Chardin's / travels in Persia / with an Introduction / by / Brigadier-General / Sir Percy Sykes, K.C.I.E., C.B., C.M.G. / [Honors, 2 lines] / [Orn.] / 1927 / The Argonaut Press / London.*

8vo (25.7 × 19.5 cm, untrimmed). Pp. i-xxx, 1-287 [288], [2]; 3 plates (2 fold.), 7 text-figs.

Contents—Half-title; title; pref. (by N. M. Penzer), a bibliographic history of the work; conts.; introd. (by Sykes); text, pp. 1-287, based on the little-known

two-vol. English edit. of 1720. The ornithology of the present edit. is found on pp. 174-182, and is essentially the same as that of the French-language edits. described above.

A handsome modern edition of a work discussed more fully above (No. 512).

The Ellis copy is No. 474 of 975.

CHARLETON, WALTER (1619-1707)

515. 1668. *Onomasticon zoicon, / Plerorumque animalium / Differentias & Nomina Propria pluribus Lin- / guis exponens. / Cui accedunt / Mantissa anatomica; / Et quaedam / De Variis fossilium Generibus. / Autore Gualtero Charletono, M. D. Caroli II. Magnae Britanniae Re- / gis, Medico Ordinario, & Collegii Medicorum Londinen- / sium Socio. / Londini, / Apud Jacobum Allestry Regalis Societatis Typogra- / phum. MDCLXVIII.*¹

4to (21.7 × 17.1 cm, untrimmed). Pp. [20] 1-194 165 196-214 [2] 215-309 [310-344]; 9 engr. plates (6 ornith., 7 folding), 3 engr. text-figs.

Sigs.—A⁴ a⁴ b⁴(-b3.4) B-Z⁴ Aa-Xx⁴ Yy1(=b3); 183 leaves. b2 misbound following Yy1, with which it is conjugate; b4, probably blank, wanting.

Contents—Half-title (Gualteri Charletoni / Onomasticon Zoicon / Londini, / Apud Iacobum Allestry Societatis Typographum: / Veneunt Lugd. Bat. apud Arnoldum Doude.), A1^r; imprimatur of College of Physicians of London (dated 5 June 1668), A1^v; title, A2^r; praefatio (dated June 1667), A3-b1; “Typographus Erudito Lectori,” b2^r; quots., b2^v; text, B-Rr4^r (pp. 1-309), in the following sections—Animalia quadrupeda (pp. 1-29), Serpentina (pp. 30-34), Insecta (pp. 36-59), Aves (pp. 61-117), Pisces (pp. 119-191), Zoophyta (pp. 193-195), Mantissa anatomica (pp. 197-213), Fossilium Divisio Generalis (pp. 217-309); index, subdivided according to the sections just enumerated, Ss1-Yy1. Numerous blanks occur throughout (pp. 35, 60, 93, 118, 192, 196, 214, 216, 310, and the recto of the unnumbered leaf following p. 214). The verso of the unnumbered leaf following p. 214 bears a misprinted sectional half-title: *De Variis Fossilium Generibus*, while p. 215 bears the sectional half-title: *De Variis Fossilium Generibus*, otherwise the only sectional half-title in the book. The text is quite thorough for its times, and under Aves both British and “foreign” birds are described in varying detail. See No. 516 for further notes.

The first edition of a work distinguished as the first by an English writer in which illustrations are appended to a list of birds. Mullens and Swann discussed Charleton at some length and with marked favor (the exacting Newton seems to have regarded him with comparative indifference), concluding that he “seems to have been a man of high ability and greatly in advance of his day.” The drawings of birds, evidently his own, are excellent, and considerably superior to those in the far more important ornithology of Francis Willughby (of Willughby and Ray, 1676, 1678). The work appeared again in 1671, and if Wood is correct that the alterations therein were limited to a new title-page and resetting of the

¹Mullens and Swann indicate a line-break after “Medico Ordinario, &” in line 11 of the title.

first sheet, then the author's "Exercitationes" of 1677 (No. 516) is essentially a second, rather than a third, edition of the work, albeit with considerable additions.

Allen, 425 (crit.); BMNH, I:337; Mullens and Swann, 124-126 (hist., biogr., crit.); Newton, 7 (crit.); Stresemann, 41 (notes on classification, crit.); Wood, 287.

516. 1677. *Gualteri Charletoni / Exercitationes / de / Differentiis & Nominibus Animalium. / Quibus accedunt / Mantissa Anatomica, / Et quaedam / De variis Fossilium generibus, / Deque differentiis & nominibus Colorum. / Editio secunda, duplo fere auctior priori, novisque iconibus ornata. / [Device] / Oxoniae, / E Theatro Sheldoniano, An. Dom. 1677.*

Folio (32.4 × 20.1 cm). Pp. [20] 1-32 36 34-35 33 37-119 [120]; ²1-32 35 34-106 [107-108]; ³[2] 1-78 [79-98]; 2 engr. ornith. plates, 15 engr. text-figs. (6 ornith.).

Sigr.—a-e², A-Gg², a*-dd*², (Aa)-(Mm)² Nn-Qq² (Rr)-(Uu)² (Ww)² (Xx)-(Zz)² (Aaa)²; 174 leaves. (Mm)² misprinted (L1)².

Contents—Title, a1^r; dedicatory epistle to Lord Anglesey (dated at London, in Roman numerals, June 1672, an obvious misprint for 1677), a2^r-b2^v; praefatio (text of 1st edit., dated June 1677), c-e2^r; quotes., e2^v; text, in Latin, as follows, A-Gg2^r (Animalium quadrupedum, Serpentina, Insecta, and Aves; pp. 1-119); a*-dd*1 (Pisces, Zoophytes, and Mantissa anatomica; pp. ²1-106); (Aa)-(Mm), Nn-Pp2^r (Fossils, with sectional half-title, "De Variis Fossilium Generibus"; pp. ³1-57); appendix, Qq-Rr, (Ss)-(Uu)2^v (with sectional half-title, "Appendicula de Colorum differentiis & nominibus, Deque Polorum Plurarumque Coloribus"; pp. ³59-78); addenda, (Ww)1-(Ww)2^r (pp. ³79-81); index, subdivided according to text, (Xx)-(Aaa)2^r (pp. ³83-97). Birds are treated on pp. 64-119, and in the "Mantissa anatomica," under "Animalium voces," in which avian voice is treated on pp. ²96-99. The rather extensive ornithological matter includes an introductory discussion, chiefly anatomical, of 6 pp., at the end of which birds are classified essentially according to the arrangement of Aldrovandus (*cf.* No. 42). The remaining 49 pp. are devoted to discussion of nearly 290 kinds, British and otherwise, with frequent comparison of the birds of classical authors with those in the Royal Aviaries at St. James's Park and in the Museum of the Royal Society. Ornithology also figures in the appendix on animal coloration.

Essentially a second edition of the author's *Onomasticon zoicon* (No. 515), published in 1668. The *Exercitationes* differs from the *Onomasticon* by possession of the appendix on animal coloration, which Mullens and Swann wrote was ". . . not only a very remarkable composition for the date at which it was written, but contains much that is of importance and value even now." The work differs in a number of other ways from its predecessor, and has two added ornithological illustrations.

BMNH, I:337; Mullens and Swann, 126; Wood, 287.

CHARLEVOIX, PIERRE FRANCOIS XAVIER DE (1692-1761)

517. 1744. *Histoire / et / description generale / de la / Nouvelle France, / avec / le Journal Historique / d'un Voyage fait par ordre du Roi dans / l'Amérique Septentrionale. / Par le P. De Charlevoix, de la Compagnie de Jesus. / Tome*

Premier. [Second.] / [*Vign.*] / A Paris, / Chez Nyon Fils, Libraire, Quai des Augustins, à l'Occasion. / M.DCC.XLIV. / Avec approbation et privilege du Roi.

Title of Vol. III:

Journal / d'un / voyage / fait par ordre du Roi / dans l'Amerique Septentrionale; / Adressé a Madame la Duchesse / de Lesdiguieres. / Par le P. De Charlevoix, de la Compagnie de Jesus. / Tome Troisième. / [*Vign.*] / A Paris, / Chez Nyon Fils, Libraire, Quai des Augustins, à l'Occasion. / M.DCC.XLIV. / Avec Approbation et privilege du Roi.

3 vols., 4to (25.0 × 19.1 cm).

Vol. I: Pp. [8] i-viii, ²i-lxi [lxii-lxiv], ix-xxvi, 1-664; 10 engr. maps (8 fold.).

Vol. II: Pp. [4] 1-56, i-xv [xvi], ²1-582 [583-584]; 30 fold. engr. plates (44 botanical illus. on 22 plates, 8 maps).

Vol. III: Pp. [4] i-xix [xx], ²i-xiv, 1-543 [544]; 10 engr. maps (9 fold.).

Sigs.—Vol. I: π^2 *2 ²*4, a-h⁴, ²b-c⁴ d²(-d2), A-Oooo⁴; 381 leaves. The 2nd gathering is signed with an asterisk, the 3rd (noted here as ²*) with a 5-pointed star. Vol. II: π^2 a-g⁴, ²a⁴ ²e⁴, A-Dddd⁴; 330 leaves. Dddd misprinted Ddddd. Vol. III: π^2 a-b⁴ c², ²a⁴ b⁴(-b4), A-Yyy⁴; 291 leaves.

Contents—The first two volumes, not here described in detail, are concerned with various aspects of the history and settlement of North America, including (in Volume II) botany. Vol. III: Half-title, π 1^r; title, π 2^r; remarks of M. Bellin (the engraver) concerning the maps, a1-c2; summary of contents, ²a1-b3; text, A1-Rrr2 (pp. 1-500), beginning with a "Dissertation préliminaire, Sur l'Origine des Américains" and concluding with 36 numbered letters addressed by the author to the Duchess of Lesdiguieres, headed "Journal historique d'un voyage de l'Amerique" and dated 30 June 1720 to 15 January 1723; Table des matières, Rrr3-Yyy2^r (pp. 501-543); errata, Yyy2^v (p. 544). A discussion of natural history is found in the ninth letter to the Duchess, where remarks are made on Canadian fishes, birds (pp. 155-158), reptiles, and plants. The ornithological matter is not technical but includes reference to a considerable number of species, with some interesting observations.

This first edition appeared simultaneously under the imprints of several Paris publishers, and in the same year a 6-volume, duodecimo edition was published. There have been many later editions, abridgements, and translations. Coues was correct when he supposed that a 2-volume English edition of 1761 which he had not seen was a translation of the third volume of the *Histoire*, an "error" which Allen would not have attempted to put right had she seen any complete copy.

Allen, 503-504 (crit.; discussion of ornith.); Coues, 1:578, 582; Cox, II:130 (including reference, perhaps erroneous, to a 4-vol. 4to edition of 1744); Sabin, 12135; De Backer-Sommervogel, II:1077-1078.

CHENEY, SIMEON PEASE (1818-1890)

518. 1892(?). **Wood Notes Wild** / notations of bird music / by / Simeon Pease Cheney / Author of the "American Singing-Book" / Collected and arranged with appendix, notes, / bibliography, and general index / By John Vance Cheney /

Author of the "Golden Guess" [*Etc.*, 2 lines] / Boston / Lee and Shepard Publishers.

8vo (19.7 × 13.5 cm). Pp. i-xiv, 1-261; photogr. front. (portr.) and much musical notation.

Contents—Title; verse; editor's pref. (dated Dec. 29, 1891); transcript and facsimile of letter by author; conts.; introd., pp. 1-9; text, pp. 11-109, dealing with songs of various birds as noted by the author; appendix, pp. 11-226, being additional matter from the author's notes and from other sources, on various bird songs and sundry natural sounds; bibl., pp. 227-242; index, pp. 243-261.

Zimmer lists an issue with slightly different title, dated 1892. Wood's dating of (presumably) the present issue, 1891, is unlikely to be correct in view of date in preface. The reviewer cited below gives an able discussion of the difficulty of translating bird song into music.

Wood, 287; Zimmer, 130-131 (different version). Reviewed: *Auk*, 1892:280-281 (F. M. Chapman).

CHERRIE, GEORGE KRUCK (1865-1948)

519. 1916. The Museum / of / The Brooklyn Institute of Arts and Sciences / Science Bulletin / Vol. 2, No. 6 / **A contribution to the ornithology / of the Orinoco region** / by / George K. Cherrie / Published for the / Brooklyn Museum / Eastern Parkway, Brooklyn, N. Y. / September 1, 1916. [*Cover-title*]

8vo (25.0 × 16.0 cm). Pp. 133a, 134-374.

Contents—Introd. matter, 2 pp.; text, being a systematic account of birds taken near the Orinoco River in Venezuela, by the writer and others, in 1897-1899, 1905, and 1907. The birds collected in the first three years named had been previously treated by Hans Berlepsch and Ernst Hartert, "On the birds of the Orinoco Region," *Novit. Zool.*, 9:1-135, 1902. One new subspecies is described, as *Hypolophus canadensis intermedius* (Formicariidae).

A basic faunal paper treating nearly 600 forms.

Wood, 288. Reviewed: *Auk*, 1917:95 (Witmer Stone).

CHILDREY, JOSHUA (1623-1670)

520. 1661. **Britannia Baconica**: / Or, The Natural / rarities / of / England, Scotland, & Wales. / According as they are to be found in every / Shire. / Historically related, according to the Pre- / cepts of the Lord Bacon; Methodically digested; and the Causes of many of them / Philosophically attempted. / With / Observations upon them, and Deductions / from them, whereby divers Secrets in Nature / are discovered, and somethings hitherto / reckoned Prodigies, are fain to confess / the cause whence they proceed. / Usefull for all ingenious men of what Profession or / Quality soever. / By J. Childrey. / Res semper aliquid apportat novi. Terent. / London, Printed for the Author, and are to / be sold by H. E. at the sign of the Grey-hound in / St. Pauls Church-yard, 1661.

8vo (15.7 × 10.0 cm). Pp. [32] 1-184; 1 text-fig.

Sigs.—A-N⁸ O⁴; 108 leaves. A1 (blank?) wanting.

Contents—Title, A2 (v. blank); ded., to Henry Somerset, Lord Herbert, A3^r-A7^r (A7^v blank); pref., A8^r-B8^r (B8^v blank); text, C-O4^r (pp. 1-183), arranged by counties; "Advertisements to the Curious and Ingenious," O4^r-O4^v; errata, O4^v. Casual reference to birds, fishes, etc., is scattered irregularly through the work.

This is the edition listed in all ornithological bibliographies I have examined. Another issue (No. 521) is dated 1662, but belongs to the same edition as the present. A version dated 1660 is listed by Wing (C3870), its textual relationship being unknown to me. Mullens and Swann wrote: ". . . contains but little ornithology, but is of importance as the 'earliest attempt at a systematic description of the Natural History of the whole of Great Britain. This work seems further to have inspired Robert Plot to write the *Natural History of Oxfordshire*, the forerunner of a long series of County Natural Histories by various authors.'"

BMNH, I:345; Irwin, 7; Mullens and Swann, 127-128; Wood, 289.

521. 1662. *Britannia Baconia*. / [*As No. 520, idem, 22 lines*] / St. Pauls Church-yard, 1662.

Another issue, virtually identical with that of 1661 (No. 520) except for date on title-page and the resetting of pp. 59 and 60 (F6) resulting in certain differences in line-endings. P. 173 of the present issue is misnumbered 17, and there are one or two other one-letter discrepancies. The errata are the same in both issues.

CHRISTY, ROBERT MILLER (1861-1928)

522. 1890. *Essex Field Club Special Memoirs*.—Vol. II. / **The / birds of Essex: / A Contribution / to the natural history of the County. / By / Miller Christy, F.L.S. / With 162 woodcut illustrations, two plans, and / a frontispiece. / Chelmsford: / Edmund Durrant & Co., 90, High Street. / Buckhurst Hill: / The Essex Field Club. / London: / Simpkin, Marshall, Hamilton, Kent, & Co., Ltd. / 1890. [*Title in red and black*]**

8vo (21 × 14 cm). Pp. i-viii, 1-302, [6]; lith. front., col. plates I-II (maps), 5 full-p. engr. text-figs., 157 vignettted text-figs.

Contents—Title; conts.; pref. (dated March 1890); introd. (physical features described); prelim. matter, pp. 8-71, relating to biographies of contributors, bird collections, migration (by Henry Doubleday and Revett Sheppard), falconry (by J. E. Harting), and wildfowling; systematically arranged catalogue of the birds of Essex, giving status and representative records for each, pp. 72-279; addenda, pp. 280-283; appendix A, listing subscribers; appendix B, chronologically arranged list of literature cited, pp. 292-296; index, pp. 297-302; advt., 3 leaves.

A capably executed and still valuable county ornithology, uniting early records and those recent at the time of writing.

Mullens and Swann, 128-129; Wood, 290; Zimmer, 132.

523. 1891. **A / catalogue of local lists / of / British birds, / arranged under counties. / By Miller Christy, F.L.S. / [Reprinted, with numerous additions, from The**

Zoologist, third series, vol. xiv. / (July, 1890), pp. 247-267.] / London: / R. H. Porter, 18, Princes Street, Cavendish Square, W. / Hayman, Christy & Lilly, Ltd., 20 & 22, St. Bride Street, E.C. / 1891.

8vo (20.9 × 13.5 cm). Pp. 1-42.

Contents—Title; introductory comment (dated January 1, 1891), pp. 3-7; catalogue of local lists, arranged by counties, pp. 8-42. Pp. 40-42 cover works dealing with Ireland and the Channel Islands. Entries are briefly annotated and include minimal bibliographical details.

Doubtless a useful little work in its day but superseded by the more ambitious bibliographical endeavors of Mullens and Swann; Mullens, Swann, and Jourdain; and Irwin. The Ellis copy is interleaved, with the bookplate and annotations of W. H. Mullens.

Irwin, 1; Mullens and Swann, 129; Wood, 290.

CHUBB, CHARLES (1851-1924)

524. 1916-21. *The birds / of / British Guiana*, / based on the collection of / Frederick Vavasour McConnell, / Camfield Place, Hatfield, Herts. / By / Charles Chubb, F.Z.S., M.B.O.U., / Zoological Department, British Museum. / With / a preface by Mrs. F. V. McConnell [*Lines 10 and 11 omitted from vol. II*]. / Vol. I [II]. / London: / Bernard Quaritch, 11 Grafton Street, W. / 1916 [1921].

2 vols., 8 vo (25.7 × 16.5 cm).

Vol. I: pp. [2], i-liii [liv], 1-500, [2], 501-528; fotogr. front. (portr.), col. plates I-X,¹ text-figs. 1-95 (line-cuts), 16 fotogr. plates, col. map.

Vol. II: pp. [2], i-xciv, 1-590, [4], 591-615; col. plates I-X, text-figs. 1-214 (line-cuts), 8 fotogr. plates.

Contents—Vol. I: 1 leaf (label on v. states this is copy no. 16); title; pref. (dated April 24, 1916; by Helen McKenzie McConnell); itinerary, pp. v-xxxv, describing McConnell's first expedition to Roraima (seemingly by Frederick Vavasour McConnell²); list of col. plates; list of text-figs.; introd. (by Chubb, dated April 24, 1916); bibl.; systematic index; text, pp. 1-500, treating in the order of Brabourne and Chubb's *Birds of South America* (No. 357) those groups from the tinamous (Tinamidae) to the piculets (Picidae), giving for each form description, remarks on breeding season, nest, eggs, range in British Guiana, extralimital range, and local habits; addenda and corrigenda, 1 leaf; index, pp. 501-528. Vol. II: 1 leaf (with label); title; introd. (by Chubb, dated November 18, 1921); addition to bibl.; itinerary of second journey to Mount Roraima, pp. v-xxviii (by John J. Quelch); list of col. plates; list of text-figs.; systematic index; text, pp. 1-589, treating ant-pipits (Conopophagidae) to troupials (Icteridae); addenda and corrigenda, 2 leaves; index, pp. 591-615. Several new forms are described in the work.

An authoritative, carefully prepared, but essentially preliminary faunal work of basic importance. The expeditions collecting the materials upon which the report is mainly based were made in 1894 and 1898.

¹ All col. plates and all text-figs. by H. Grönvold.

² Reading shows the itinerary is clearly not by Mrs. McConnell, as Zimmer took it to be.

Anker, 100; Nissen, 198; Wood, 290; Zimmer, 132. Reviewed: *Auk*, 1916: 440-441, 1922:279 (Witmer Stone); *Ibis*, 1916:505-506; 1922:358-359.

CHURCHILL, ABBY PIERCE

525. 1905. *Birds in literature* / By / Abby P. Churchill / State Normal School / Fitchburg, Mass. / [*Orn.*] / Printed privately / 1905.

8vo (19.5 × 13.5 cm). Pp. 1-186, [6].

Contents—1 blank leaf; half-title; poem by Longfellow; title; introd., pp. 9-10, January 1905; pref., p. 11, January 1905; text, pp. 13-184, consisting of selections from a wide variety of classical and ornithological literature, nature writing, etc.; bibl., pp. 185-186.

Privately published and said to be rare.

Wood, 290.

CLARKE, WILLIAM EAGLE (1853-1938)

526. 1912. *Studies / in / Bird Migration* / by / William Eagle Clarke / Keeper of the Natural History Department, the Royal Scottish Museum / With maps, weather charts, and other / illustrations / Volume I [II]. / London / Gurney and Jackson / Edinburgh: Oliver and Boyd / 1912.

2 vols., 8vo (21.9 × 15.5 cm).

Vol. I: pp. i-xvi, 1-323 [324]; plates I (half-tone front.), II-IX (plate II fold.; plates II-VIII maps; plate IX photo.), 1 text-cut.

Vol. II: pp. i-vii [viii], 1-346 [347-348]; plate X (half-tone front.), photogr. plates XI-XXV, 1 text-map.

Contents—Each vol. contains half-title, title, conts., and list of illustrs. Vol. I contains also ded. and pref. and vol. II the index (pp. 329-346). Chapters I-XVII of the text occur in vol. I, chapters XVIII-XXVI in vol. II. The text treats bird migration in general, and more extensively as observed in Great Britain and on the Scottish and Irish coasts.

One of the more important among those works which from time to time have dealt with and reviewed the subject of bird migration.

Wood, 291; Zimmer, 133. Reviewed: *Auk*, 1912:403-405 (Witmer Stone); *Ibis*, 1913:142-143.

CLARKE, WILLIAM EAGLE (1853-1938) and WILLIAM DENISON ROEBUCK

527. 1881. *A handbook / of the / vertebrate fauna / of / Yorkshire* / Being a catalogue of British mammals, birds, reptiles, amphibians, / and fishes, showing what species are or have, within / historical periods, been found in the county. / By / Wm. Eagle Clarke, / Member of the British Ornithologists' Union, / and / Wm. Denison Roebuck; / the secretaries of the Yorkshire Naturalists' Union. / London: / Lovell Reeve & Co., Henrietta St., Covent Garden. / Leeds: Richard Jackson, Commercial Street. / 1881.

8vo (20.5 × 13.5 cm). Pp. i-xlvi, 1-149.

Contents—Half-title; title; ded. to Sir. John Lubbock; introd., pp. vii-xii; sub-title; description of Yorkshire, pp. xv-xlv; “Extracts from ancient records,” pp. xlvi-xlvi; text, pp. 1-133, treating mammalia, birds (pp. 15-89), reptiles and amphibians, and fishes; appendix, pp. 135-137, listing additional forms recorded; authorities consulted, pp. 139-142; list of subscribers, pp. 143-146; index, pp. 147-149. The ornithological matter is solely by Clarke. Short statements of status are given, with precise records of rarer forms.

A well-executed county list. The Ellis copy is interleaved and annotated, evidently by Clarke, whose name and address are stamped on the binding, and is accompanied by a letter of acknowledgment to Clarke from Sir John Lubbock; the dedicatee.

BMNH, I:354; Mullens and Swann, 131-132; Wood, 231.

CLAUS, CARL FRIEDRICH WILHELM (1835-1899)

528. 1876. *Grundzüge / der / Zoologie. / Zum / Gebrauche an Universitäten und höheren / Lehranstalten sowie zum Selbststudium. / Von / Dr. Carl Claus, / O. Ö. Professor der Zoologie und vergleichenden Anatomie. / Director des Zoologisch-Zootomischen Instituts an der Universität Wien. / Dritte durchaus umbearbeitete und verbesserte Auflage. / Marburg und Leipzig. / N. G. Elwert'sche Verlagsbuchhandlung. / 1876.*

8vo (23.1 × 15.0 cm). Pp. i-xii, 1-1254.

Contents—Half-title; title; foreword, dated January 1876; conts.; text, being a general survey of zoology for high school and university students, as indicated in title (ornithology, seemingly thorough and well documented, occupies pp. 1031-1107); errata; index.

The third edition, according to title, of a textbook represented by many editions and translations. The first edition was published 1866-68.

BMNH, I:354-355; Wood, 291.

CLAVIGERO, FRANCISCO JAVIER (1731-1787)

529. 1780-81. *Storia antica / del Messico / Cavata da' migliori storici Spagnuoli, / e da' manoscritti; e dalle pitture antiche degl' Indiani: / divisa in dieci libri / e corredata di carte geografiche, / e di varie figure: / e / dissertazioni / Sulla Terra, sugli Animal, e sugli abitatori del Messico. / Opera / dell' abate / D. Francesco Saverio / Clavigero / Tomo I [-IV]. / [Contenente le dissertazioni. (Vol. IV) /] [Orn.] / In Cesena MDCCLXXX [MDCCLXXXI (Vol. IV)]. / Per Gregorio Biasini all' Insegna di Pallade / Con Licenza de' Superiori.*

4 vols. in 2, 4to (23.7 × 17 cm).

Vol. I: pp. i-vii [viii], 1-304 303-306 (*i.e.*, 308); 2 engr. plates (1 zoological, consisting of figs. 1-11, fig. 5 representing a King Vulture), 1 fold. map, 1 fold. chart.

Vol. II: pp. 1-276; 17 engr. plates (8 fold.).
 Vol. III: pp. 1-260; 1 engr. plate, 1 fold. chart.
 Vol. IV: pp. 1-331 [332].

Sigs.—Vol. I: a⁴ A-Pp⁴ Qq²; 158 leaves. Vol. II: A-Kk⁴ Ll⁶; 138 leaves. Vol. III: A-Hh⁴ Ii⁶; 130 leaves. Vol. IV: A-Ss⁴ Tt²; 166 leaves.

Contents—Vol. I: title, a1 (v. blank); ded., a2-a4^r; printer's imprint, a4^v; pref., A1-A3^r; notice, A3^v-C3^r; other matter, C3^v-D1^v; books I-V of the Italian text, D2-Pp3 (pp. 27-302); errata, Pp4^r; index, Qq1-Qq2^r; further errata and corrigenda, Qq2^v. Vol. II: title, A1 (v. blank); books VI and VII, A2-Ff2^v (pp. 3-228); various tables, notices, etc., Ff3-Ll3^v; index, Ll4^r-5^r; errata, Ll5^v; "Lista de' Signori associati alla Storia Antica del Messico," Ll6. Vol. III: title, A1 (v. blank); books VIII-X of the text, A2-Gg1^v (pp. 3-234); table of descendants of Montezuma and of Fernando Cortes, Gg2-Gg3^r; index, Gg3^v-Gg4^v; index to entire work, Hh1-Ii6^r; errata, Ii6^v. Vol. IV: title, A1 (v. blank); ded., A2-A2^v; dissertations I-IX, on various matters, A3-Ss4^v (pp. 5-328); index, Tt1-Tt1^v; errata, Tt2^r; privilege, Tt2^v. Pp. 68-117 of book I are devoted to zoology, birds being discussed at some length on pp. 81-93. Also, dissertation IV, pp. 105-159 of vol. IV, is headed "Su gli Animali del Messico" and mentions birds extensively, with many references to earlier authors. This dissertation is concluded by a 9-page "Catalogo dei quadrupedi Americani." No scientific names appear in the work.

The first edition of a well-known early history of Mexico. The work contains considerably more ornithology than was noticed by Coues. The author, a Jesuit, was a native of Veracruz, and is said to have spent 30 years in gathering materials for the present work. The ornithological matter should be of some historical interest. The work went through a number of editions and translations, some of which are listed in the sources given below. See also No. 530.

Coues, I:588; Cox, II:240-241; Sabin, 13518 (see also 13519-13522); De Backer-Sommervogel, II:1209-1210.

530. 1853. *Historia antigua de Mejico, / sacada de los / mejores historiadores Españoles, / y de manuscritos / y pinturas antiguas de los Indios. / Dividida en diez libros. Adornada / de cartas geograficas y litografias; con disertaciones / sobre / la tierra, animales y habitantes de Méjico. / Obra escrita en Italiano / Por el abate don Francisco Javier Clavijero. / Traducida / por el Dr. D. Francisco Pablo Vazquez, / Colegial Antiguo del Eximio de San Pablo de Puebla y Maestre-Escuelas dignidad / de la Santa Iglesia de Dicha Ciudad. / Mejico. / Imprenta de Juan R. Navarro, editor, / Calle de Chiquis Num. 6. / 1853.*

8vo (26.2 × 17.3 cm). Pp. [6], i-x [xi-xii], 1-438 139 [440], i-v [vi]; lith. front., 29 lith. plates.

Contents—Title; ed. pref.; Clavijero's ded.; pref.; advt.; Spanish text, in books I-X and dissertations I-IX; index. Birds are treated in section XI, book I, pp. 26-31 ("Pájaros de México") and again in parts of dissertation IV, pp. 346-368.

A cheaply printed, little known, and late edition of the work, the first edition of which is described at some length above (No. 529).

COBB, ARTHUR F.

531. 1933. *Birds of the / Falkland Islands / A record of observation with the camera / by / Arthur F. Cobb / B.A., F.R.G.S. / With forty-six photographs / London / H. F. & G. Witherby / 326 High Holborn, W.C.*

8vo (22.7 × 14.5 cm). Pp. 1-88; front., 45 photogr. text-figs.

Contents—Half-title; blank leaf; front.; title; pref., etc.; list of birds; text, pp. 13-88, containing much in the way of life-history observations on some 30 species, written in popular style.

A pleasing little book. Reviewed: *Ibis*, 1933:566-567.

COCKERELL, THEODORE DRU ALLISON (1866-)

532. 1927. *Zoology of Colorado / By / Theodore D. A. Cockerell / Professor of Zoology in the University of Colorado / Published by the University of Colorado / Boulder, Colorado / 1927.*

8vo (23.1 × 15.4 cm). Pp. i-vii [viii], 1-262; 6 photogr. plates of museum exhibits etc., approximately 21 text-figs. (many multiple), no ornith. illus.

Contents—Adv., 2 leaves, concerning Univ. of Colorado Semicentennial Publications; title; conts.; text, pp. 1-253, index, pp. 255-262. Birds are discussed in a casual way, in systematic order, on pp. 56-103.

A semipopular treatment of the subject, which should still be useful to beginning students in the area.

COLLAERT, ADRIAEN (1560-1618)

533. 1780-1800? *Anium uiuae / icones, / in aes incisae & editae ab / Adriano Collardo, / et / Theodoro / Gallaeo.*

Oblong broadsheet (18.7 × 28.0 cm). Engr. plates [1] 2-9 1 11-13 22 15-32.

Contents—Engraved title, plate 1; engraved plates 2-32, each showing two or more birds (most of them named) with landscape backgrounds. Many of the birds are repeated, reversed, with different backgrounds and in different combinations.

This little collection of plates possesses considerable charm, the birds being pictured in a lively fashion and many of the backgrounds including not only carefully drawn botanical specimens but also scenes of human activities and habitations. The varying quality of the engraving, the presence of reversed repetitions of certain figures, and the inferior quality of a few backgrounds suggests that some of the plates have been partially traced and re-drawn by later artists. The employment of different types of paper further suggests that this group is made up of plates from various versions originally issued over a fairly long period of years. As Ralph Ellis pointed out in a note inside the front cover, these resemble to some extent the late editions of Francis Barlow's bird engravings (Nos. 163-165). Whatever the exact date of this issue may be (the suggested dates are drawn from watermark

evidence) it is certainly much later than the first edition published in Amsterdam around 1600, which contained only 17 plates.

The Ellis copy has been bound in two parts, in paper wrappers.

Nissen, 199. Wood, 293.

COLLETT, ANTHONY KEELING, (1877-1929)

534. 1906. **A handbook of / British inland birds / by / Anthony Collett / With Coloured and Outline Plates of Eggs / by / Eric Parker / London / Macmillan and Co., Limited / New York: The Macmillan Company / 1906 / All rights reserved.**

8vo (20.0 × 13 cm). Pp. i-xix [xx], 1-289 [290]; photogr. front., plates I-X, of eggs (I-VIII col.).

Contents—Half-title; title; pref. dated April 1906; list of illus.; classified list of species, pp. xi-xix; text, pp. 1-281, supplying in informal style “as plain and simple a means as possible for the identification of those species of birds, as well as their nests and eggs, which are to be met with in the inland districts” of England; index, pp. 283-289.

Title and contents self-explanatory. Irwin, 226; Mullens and Swann, 138-139; Wood, 293.

COLLINGE, WALTER EDWARD (1867-1947)

535. 1924-27. **The food of / some British wild birds: / a study in economic ornithology, / by / Walter E. Collinge, D.Sc., M.Sc., F.S.A., F.L.S., / Member of the British Ornithologists' Union [*Honors, etc., 4 lines*]. / Second revised and enlarged edition. / York: / Published by the Author. / 1924-1927. [*Title in red and black*]**

8vo (25.8 × 19.2 cm, untrimmed). Pp. i-xvi [vi], 1-427; front. (portr. of author), photogr. plates I-VIII, text-figs. 1-47.

Contents—Half-title; title; ded. to Prof. F. E. L. Beal; pref. to 2nd edit., dated Feb. 1927; pref. to 1st edit., dated April 1913; conts.; list of illus.; list of text-figs.; directions to binder, errata, etc.; text, with introductory and explanatory matter pp. 1-47, detailed systematic treatment by species and in some instances ecological groups of species pp. 48-318, and general observations pp. 319-370; appendices 1-6, pp. 371-381; bibl., pp. 383-419; index, pp. 421-427.

An exhaustive and well-received treatment of the subject. The first edition appeared in 1913. The present, considerably expanded, was published in nine parts from October 18, 1924, to February 1, 1927.

Irwin, 227; Wood, 294. Reviewed: *Ibis*, 1925:495-496, 725, 924-925; 1926:414, 809-810; 1927:324-325.

COLLINS, CHARLES (d. 1744)

536. 1736. [*Icones avium cum nominibus anglicis. Twelve engravings of British birds. Printed for Thos. Bowles in St. Paul's Churchyard. 1736.*]

Folio (52.2 × 32.0 cm). Engr. col. double-page plates 1-12.

Contents—Twelve colored engraved plates showing 58 species of birds in 115 figures, plate area 43 × 51 cm. Each plate is engraved "Design'd by Charles Collins & Publish'd by him & John Lee according to Act of Parliament" and the date 29 September 1736 (in various forms on different plates). The title information has been supplied from secondary sources.

As Sitwell, Buchanan, and Fisher have pointed out, this work is hardly a book. It is usually found as a portfolio of separate plates, sometimes accompanied by additional engravings, ornithological and otherwise, by the same artist. According to Casey A. Wood (*Ibis*, 1927:726) they are the "first coloured figures of birds issued in this form in Great Britain."

The Ellis set has been inlaid in larger sheets and folded into folio form for mounting on stubs. There are extensive manuscript annotations of the naturalist and antiquary Peter Collinson (1694-1768) on most of the plates, recording personal observations of various birds at his home at Mill Hill, Hendon. His notes on the nuthatch and the "Common Great Woodpecker" are dated April 22, 1759, and November 25, 1760, respectively. He also quotes Francis Willughby and "Mr. Bolton of Halifax" (the author of *Harmonia Ruralis*, Nos. 308-310 in this catalogue), including a letter of Bolton's on the kingfisher, dated May 3, 1759.

Anker, 105; Nissen, 201; Sitwell, Buchanan, and Fisher, 65; Wood, 294, 501.

COOK, ALBERT JOHN (1842-1916)

537. 1893. Bulletin 94. April, 1893. / Michigan / Agricultural Experiment Station / State Agricultural College. / Zoölogical Department. **Birds of Michigan** / Illustrated / By A. J. Cook. / [Notice, 3 lines].

(24 × 15.8 cm). Pp. [2], 1-148, 112 text-figs.

Contents—Title; matter pertaining to Michigan Agric. Exp. Sta. at Lansing, verso of title and pp. 1-2; introd., pp. 3-5; game laws, etc., pp. 6-9; general literature, and bibl., pp. 10-23; text, pp. 24-131, giving short accounts of the species as known to occur in Michigan; index, pp. 133-148. The cuts are selected from Coues' *Key to North American Birds*. (No. 575).

A work of little importance today, except as a historical milepost in Michigan ornithology, having been entirely superseded by the later and more ambitious works, first of Barrows (No. 174), and then of Norman Wood. It seems likely that there is more than one impression, since Zimmer lists a version with 11 text-figs. and Wood lists a "2nd edition" (of 1893?), with 168 pp.(?).

Wood, 296; Zimmer, 134. Reviewed: *Auk*, 1893:351-352 (J. A. Allen).

COOK, Captain JAMES (1728-1779) and JOHANN REINHOLD FORSTER

538. 1778. **Voyage / dans / l'hémisphère austral, / et / autour du monde, / fait sur les vaisseaux de Roi, l'Adventure, / & la Résolution, en 1772, 1773, 1774 & 1775. / Écrit par Jacques Cook, Commandant de la Résolution;**¹ / Dans lequel on a

¹ Semicolon omitted in vols. II, III; replaced by comma in vol. IV.

inséré / La Relation du Capitaine Furneaux, & celle de MM. Forster. / Traduit de l'Anglois. / Ouvrage enrichi de Plans, de Cartes, de Planches, de Portraits, & de Vues / de Pays, dessinés pendant l'Expédition, par M. Hodges. / Tome premier [-quatrième]. / [Orn.]. / A Paris, / Hôtel de Thou, Rue des Poitevins. / M. DCC. LXXVIII. Avec approbation et privilège du Roi.

Vols. I-IV as above; vol. V titled as follows:

Observations / faites, / pendant la second voyage / de M. Cook, / dans / l'hémisphère austral, / et autour du monde, / sur / la géographie, l'histoire naturelle, / et la philosophie morale, / et en particulier sur / La Terre & ses Couches; / L'Eau, & l'Océan; / L'Athmosphère [The last 3 lines in vertical column, opposite a column composed of the next 3]; / Les Révolutions du Globe; / Les Corps organisés; / Et l'Espèce humaine. / Par M. Forster, Pere, / de la Société Royale de Londres, & de plusieurs Académies de l'Europe. / Ouvrage traduit de l'Anglois./ Tome cinquième. / A Paris, / [Idem, 3 lines].

5 vols., 4to (25.3 × 15.8 cm).

Vol. I: pp. [i-iv] v-xii, ²v-xliv, 1-460; engr. plates 1-17 (plate 9 ornith.).

Vol. II: pp. [i-iv] v-viii, [1] 2-432; engr. plates 18-37.

Vol. III: pp. [i-iv] v-viii, [1] 2-374 [375-376]; engr. plates 38-58.

Vol. IV: pp. [i-iv] v-viii, [1] 2-413 [414-416]; engr. plates 59-65.

Vol. V: pp. [i-v] vi-xii, [1] 2-510 [511-512]; engr. fold. chart, fold table.

Sigs.—Vol. I: π^4 a² b-f⁴ A-Lll⁴ Mmm²; 256 leaves. Vol. II: a⁴ A-Hhh⁴; 220 leaves. Vol. III: a⁴ A-Aaa⁴; 192 leaves. Vol. IV: a⁴ A-Fff⁴; 212 leaves. Vol. V: π^2 a⁴ A-Sss⁴; 262 leaves.

Contents—Vols. I through IV (by Cook) all contain half-title, title, and table of chapters, in addition to which vol. I contains an explanation of all plates and directions for their binding, a general introd., and an extract from the pref. of George Forster's work of 1777 concerning the same voyage (see *infra*), while vol. IV contains varied matter (pp. 217-388) in the nature of appendices and the table des matières (pp. 389-413) for vols. I-IV, followed by 3 unnumb. pp. containing the approbation, privilege, errata, etc. All remaining Arabic-numb. pp. contain the narrative text, in the several volumes, respectively, in chapters I-XIV (England to the Society Islands via the Cape of Good Hope and Australia; chapter VII by Furneaux), I-XV (Society Islands and neighboring groups), I-VIII (Ulitea² to New Zealand), and I-XI (New Zealand to England). In addition to reference *passim* throughout, birds are specifically mentioned in vol. I, pp. 45, 50, 87, 92, 94, 99, 104, 120, 123, 133, 134, 136, 150, 167, 228-229 (by Furneaux), 274, and 291, and vol. II, pp. 93, 139, 141, 144, 149, 150, 151, 156, 164, 168, 173, 178, and 179. Vol. V (by Forster père) contains half-title, title, translator's note, table of chapters, and a text of 510 pp. in chapters I-VIII (of which VII and VIII are seemingly misnumb. V and VI), each divided into a number of sections; numerous scientific subjects are treated, birds only briefly (pp. 175-177 and *passim* elsewhere).

The present set consists of the first French edition of Captain Cook's account of his second circumnavigation, translated from the first official English edition

² Or Raiatea, Leeward Islands of Society Archipelago.

(in 2 vols., 4to) which appeared a year earlier, and augmented by carefully identified extracts from the separate account of the voyage published at London, also in 1777, by J. G. (George) Forster (see *infra*); together with the first French edition, appended to the present translation as volume V, of Johann Reinhold Forster's account of his scientific observations on the voyage, the English version of which was also published separately, at London (1778) under title of *Observations made during a voyage round the world on physical geography, natural history and ethic philosophy*. The elder Forster (John, or Johann) had been appointed chief naturalist to the voyage, upon which he was assisted by his son George, in the capacity of second naturalist and biological artist; also present and functioning as another natural historian, was William Anderson, later in charge of natural history records with the third voyage (see No. 539). Anderson's notebooks compiled on the present expedition, together with the younger Forster's drawings, are said to be preserved in the British Museum (Natural History).

Although subject to piecemeal description by later workers, the full zoological results of the volage, owing to complex disputes between Forster and the British Admiralty, were not published until 1844, when J. R. Lichtenstein edited the senior Forster's MSS, with reference to those of his species described and named by others (principally Latham and Gmelin), and to the younger Forster's ornithological drawings, under the title of *Descriptiones animalium quae in itinere ad maris australis per anno 1772, 1773 et 1774 suscepto collegit observavit et delineavit Joannes Reinoldus Forster* (Whittell).

Allen, 515-517 (hist.); BMNH, I:377 (Cook; English edit.), II:596 (Forster; English edit.); Cox, I:59-60 (Cook; present and other edits., hist.), I:61-62 (Forster; present and other edits.); Holmes, Sir Maurice, *Captain James Cook, R.N., F.R.S., A bibliographical excursion*, London, Francis Edwards, 1952. Pp. 1-103 (pp. 35 and 39, description 1st English edits. of Cook and Forster, and other relevant matter, throughout); Whittell, 18-20 (hist.), 167 (Cook; English edit.), 253 (Forster; English edit.).

COOK, *Captain* JAMES and JAMES KING

539. 1784. **A / voyage / to the / Pacific Ocean.** / Undertaken, / by the command of his Majesty, / for making / Discoveries in the Northern Hemisphere. / To determine / The Position and Extent of the West Side of North America; / its Distance from Asia; and the Practicability of a / Northern Passage to Europe. / Performed under the direction of / Captains Cook, Clerke, and Gore, / In his Majesty's Ships the Resolution and Discovery. / In the Years 1776, 1777, 1778, 1779, and 1780. / In three volumes. / Vol. I. and II. written by Captain James Cook, F.R.S. / Vol. III. by Captain James King, LL.D. and F.R.S. / Illustrated with Maps and Charts, from the Original Drawings made by Lieut. Henry Roberts, / under the Direction of Captain Cook; / and with a great Variety of Portraits of Persons, Views / of Places, and Historical Representations of Remarkable Incidents, drawn by Mr. / Webber during the Voyage, and engraved by the most eminent Artists. / Published by Order of the Lords Commissioners of the Admiralty. / Vol. I [-III]. / London: / printed by W. and A. Strahan: / for G. Nicol, bookseller to his Majesty, in the Strand; / and T. Cadell, in the Strand, / MDCCLXXXIV.

3 vols., text, 4to (29.0 × 23.0 cm); 1 vol., atlas, folio (56.0 × 40.8 cm).

Vol. I: pp. [8] i-lxvi lxv lxxviii-lxxxix [xc] xci-xcvi, [1] 2-421 [422]; engr. front. port. (of Cook), engr. plates 2-3, 5, 12, 19, 23, 82.¹

Vol. II: pp. [12] [1] 2-549 [550]; engr. plates 24, 30, 32, 37, 44, 53, 55, 83-84, 86-87.

Vol. III: pp. [12] [1] 2-558; engr. plates 59, 69, 79-81, 85.

Atlas: engr. plates 1, 4, 6-11, 13-18, 20-22, 25-29, 31, 33-36, 38-43, 45-52, 54, 56-58, 60-68, 70-78.

Sigs.—Vol. I: A⁴ a-m⁴ B-Ggg⁴ Hhh⁴ (Hhh⁴ wanting, probably blank); 263 leaves. Vol. II: A⁴ a² B-Zzz⁴ Aaaa⁴ (Aaaa⁴ wanting, probably blank); 281 leaves. Vol. III: A⁴ a² B-Aaaa⁴ Bbbb⁴ (Bbbb⁴ wanting, probably blank); 285 leaves.

Contents—Vol. I: title, A1 (v. blank); conts., A2^r-A4^v; erratum, A4^v; introd., a1-l3 (pp. i-lxxxvi); "To the memory of Captain James Cook," 14-m1^r (pp. lxxxvii-lxxxix; m1^v blank); list of plates, all vols., m2-m4 (pp. xci-xcvi); text, B-3H3^r (pp. 1-421; 3H3^v blank), in books I (chapters I-VIII), covering the voyage from England to New Zealand, via the Cape of Good Hope, and II (chapters I-XI), from New Zealand to Otaheite (Tahiti) in the Society Islands. Vol. II: title, A1 (v. blank); conts., A2^r-a2^v; errata, a2^v; text, B-4A3^r (pp. 1-549; 4A3^v blank), in books III (chapters I-VIII), dealing with events in the Society Islands, and IV (chapters I-XII), describing the voyage from there to northwestern North America, extreme northeast Asia, and the Sandwich (Hawaiian) Islands. Vol. III: title, A1 (v. blank); conts., A2^r-a1^v; conts. of appendix, a2^r; erratum, a2^r (a2^v blank); text, B-3R1^r (pp. 1-489; 3R1^v blank), in books V (chapters I-VIII), describing events in the Hawaiian Islands, including the death of Captain Cook, and VI (chapters I-XI), describing the return voyage by way of Kamchatka, China, and the Cape of Good Hope; appendices, I-VII (with subtitle, dealing with various navigational and linguistic matters), 3R2-4B3 (pp. 491-558). Principal ornithological references are as follows. Vol. I: pp. 86-89 (by Anderson), Kerguelen Island; pp. 109-110 (by Anderson), Van Diemen's Land (Tasmania). Vol. II: pp. 188-189, Christmas Island; pp. 227-228 (Hawaii); pp. 296-298, Nootka Sound (Vancouver Island, B.C.); pp. 377-379, Prince William Sound, Alaska; pp. 411-412, 517-518, points in the Aleutian Islands. Vol. III, pp. 119-120 (by King),² Hawaii; pp. 354-358 (by Pennant), list of the birds of Kamchatka, with forms observed by the expedition asterisked.

The first "official" English edition of Captain Cook's famous third voyage, upon which the celebrated navigator lost his life (in a skirmish with natives at Karakakoa Bay, Hawaii, February 14, 1779). The edition, published posthumously and completed by Captain King, was rapidly exhausted and others followed shortly (see Nos. 540-541). Among others, an unsanctioned but fairly accurate account of the voyage attributed to William Ellis, surgeon's mate and sometime naturalist and bird artist, appeared in advance of the present, in 1782 (entry: Ellis).

¹None of the plates are ornithological; a few are mammalogical. The larger folding plates have been bound separately in an atlas volume as indicated by asterisks in the list of plates in Vol. I. Plates 1-23 and 82 are related to the text of Vol. I; 24-58, 83-84, 86-87 to Vol. II; 59-81 and 85 to Vol. III.

²This section contains a very brief description of *Rallus ecaudotus* (sic), which, although almost if not quite a *nomen nudum*, is the first probably applicable to the extinct Hawaiian rail *Pennula millsi* Dole, 1878 (see Peters, J. L., *Check-list of birds of the world*, II:188, 1934).

Although not officially appointed as such, the recognized naturalist with the third voyage was William Anderson, who (in Holmes' words) was "surgeon's mate in the *Resolution* on the second voyage [to which the Forsters were attached as naturalists; see No. 538 *et infra*] and surgeon in the same ship on the third," during which he died, on August 3, 1778. Anderson's notes (see below) are quoted by Cook directly in volume I and acknowledged in volume II. A number of the birds mentioned are identifiable with certainty, those from Tasmania being discussed in detail by Whittell. Anderson's journals and scientific records made on the voyage (the last entitled in MS "Zoologia nova seu Characteres & Historia Animalium hactenus incognitorum qui in itinire nostro videbantur . . . 1776 in Linguis Latinis & Anglicis traditus . . . W.A."; cited from Whittell; cf. BMNH, I:43) are preserved in the British Museum (Natural History) and served, together with some of Ellis's drawings (see Whittell; and BMNH, II:524), as the bases for numerous species described by Latham (*General synopsis of birds*, 1781-85) and later named in Gmelin's so-called 13th edition, 1788-89, of the *Systema naturae*.

With bookplates of Captain Fredrick Aarens, evidently Australian. The present set bears numerous marginal annotations in an unknown hand, which seem to represent a transcript, accuracy undetermined, of those entered in a copy in the Admiralty Library by Captain William Bligh (1754-1817), a member of the expedition as master of the *Resolution* and of later fame in the mutiny aboard H.M.S. *Bounty*.

Allen, 518 (hist.); BMNH, I:378; Cox, I:63-65 (present and many edits.); Holmes (as cited under No. 538), 51-52; Whittell, 20-23 (hist.), 167 (present edit.).

540. 1784. A / voyage / to the / Pacific Ocean; / Undertaken by Command of his Majesty, / for making / discoveries / in the / northern hemisphere: / Performed under the Direction of / Captains Cook, Clerke, and Gore, / In the Years 1776, 1777, 1778, 1779, and 1780. / Being a copious, comprehensive, and satisfactory Abridgement of the / voyage / written by / Captain James Cook, F.R.S. / and / Captain James King, Ll.D. and F.R.S. / Illustrated with cuts. / In four volumes. / Vol. I[-IV]. / [Device] / London: / Printed for John Stockdale, Scatcherd and / Whitaker, John Fielding, and John Hardy. / MDCCLXXXIV.

4 vols., 8vo (20.7 × 12.7 cm).

Vol. I: pp. [i-iv] v-viii, ²[v] vi-xii, [1] 2-370 [371-374]; engr. front. (port. of Cook), col. fold. chart, 17 engr. plates.

Vol. II: pp. [i-v] vi-xii, [1] 2-359 [360]; 17 engr. plates.

Vol. III: pp. [i-v] vi-xii, [1] 2-400; 11 engr. plates.

Vol. IV: pp. [i-v] vi-xii, [1] 2-310 [311-372]; 4 engr. plates.

Sigs.—Vol. I: π^2 a² b⁴ B-Aa⁸ Bb²(-Bb2) Cc²; 192 leaves. Vol. II: [a]² b⁴ B-Z⁸ Aa⁴; 186 leaves. Vol. III: [a]² b⁴ B-Cc⁸; 206 leaves. Vol. IV: [a]² b⁴ B-U⁸ X⁴ Y-Aa⁸ Bb⁴ Cc²; 192 leaves.

Irregularities and variants—Two examples in the Ellis Collection (Ellis Aves C249 and Ellis Aves C576) differ only in coloration of the chart (C249 colored, C576 uncolored) and in binding order. C249 has gathering Cc ("Directions for placing the Copper Plates, Charts, &c. in Captain Cook's Third and Last Voyage")

on Cc1, and "New Pamphlets, printed for John Stockdale, for the Year 1785" on Cc2) bound at the end of Vol. I, following gathering Bb. C576 has this same gathering bound at the end of Vol. IV, following a gathering also signed Cc but containing the end of the list of subscribers. This apparently unlikely repetition of signatures is in fact the correct order, as can be seen from the printed note at the foot of the first page of the gathering: Vol. IV.—No. 24. Such printed notes appear throughout, on the first page of each gathering except the preliminaries, revealing that this edition was issued in parts, each of approximately four gatherings. The order of issue would seem to have been No. 1 (Vol. I: b-E), 2 (Vol. I: F-I), 3 (Vol. I: K-M), 4 (Vol. I: O-R), 5 (Vol. I: S-X), 6 (Vol. I: Y-Bb and *a*; Vol. II: *b*), 7 (Vol. II: B-E), 8 (Vol. II: F-I), 9 (Vol. II: K-N), 10 (Vol. II: O-R), 11 (Vol. II: S-X), 12 (Vol. II: Y-Aa; Vol. III: B), 13 (Vol. III: C-F), 14 (Vol. III: G-K), 15 (Vol. III: L-O), 16 (Vol. III: P-S), 17 (Vol. III: T-Y), 18 (Vol. III: Z-Cc), 19 (Vol. IV: B-D; Vol. III: *b*), 20 (Vol. IV: E-H), 21 (Vol. IV: I-M), 22 (Vol. IV: N-Q), 23 (Vol. IV: S-X and *b*), 24 (Vol. IV: Y²Cc), and [25] all half-titles, titles, and plates. Only the two italicized gatherings and the items cited under [25] are unlabeled. That the publication began in 1784 and went on into 1785 seems to be indicated by the title-pages being dated 1784 and both the folding chart and Stockdale's list 1785.

Contents—Each volume contains half-title, title, contents, and text, with ded. and introd. in Vol. I. The general contents of the volumes conforms with that of the official Admiralty version (No. 539).

An unofficial abridgement based on the four quarto volumes of the Admiralty version. The ornithological matter has been considerably shortened and in some cases reworded. Only in absolute necessity should ornithologists cite any but the official first edition of the third voyage (No. 539).

Ellis copy C249 has the bookplate of T. Hobill Cole, M.D.; C576 the armorial bookplate of Charles Townshend, Lord Bayning.

541. 1785. **A / voyage / to the / Pacific Ocean.** [*As No. 539: Idem, 7 lines*] / Performed under the Direction of Captains Cook, Clerke, and Gore, / In his Majesty's Ships the Resolution and Discovery; in the Years 1776, 1777, 1778, 1779, and 1780. / In three volumes. / [*Idem, 2 lines*] / Published by Order of the Lords Commissioners of the Admiralty. / Medallion / Vol. I [-III]. / London: / printed for G. Nicol, Bookseller to his Majesty, in the / Strand; and T. Cadell, in the Strand. / M. DCC. LXXXIV.

3 vols., 4to (30.0 × 22.8 cm).¹

Collation and contents—The same as those of the first edition (No. 539), with the following exceptions: errata have been corrected and no longer appear as such; each vol. has one more preliminary leaf (owing to extended setting of the sections listing conts.); vol. III contains, after the appendices, "A defence of the arguments advanced, in the Introduction to Captain Cook's last Voyage, against the existence of Cape Circumcision," by Wales (pp. 557-564; said to distinguish the 3rd edit. and also to have been published separately); vol. II is paged 1-548 (not 1-549) and

¹ Atlas lacking from the present set, which consequently wants those plates listed with the atlas of No. 539.

the text and appendices of vol. III occupy pp. 1-556 (not 1-558). The entire text has been reset, and although it is essentially unchanged, it frequently fails to agree with the first edit. line for line and page for page. Chief ornithological references (*cf.* 1st edit.) are: vol. I, pp. 86-88, 109-110; II, pp. 188, 227-228, 296-298, 378-379, 411-412, 516-517; III, pp. 119-120, 352-357 (pp. italicized differ slightly from 1st edit.).

Presumably the third edition of the official, Admiralty-sanctioned account (see No. 539), and said to have been published, like the second edition, in 1785. I am not certain whether copies so dated on the title-page actually exist.

The engraved medallions on the title-pages show (Vol. I) a bust of Captain Cook as Fellow of the Royal Society, (Vol. II) a figure of Britannia, and (Vol. III) a bust of James King as Fellow of the Royal Society.

COOKE, THOMAS (*fl.* 1823)

542. 1823. A / letter / to / Mark Milbank, Esq. M.P. / of / Thorp Hall, and Barn-
ingham, in the County of York, / with two plates, / descriptive of the character /
of / The Whistling Swan, / and of / the peculiar structure / of its / trachea. /
Amico munusculum levidense. / Cic. Ep. Fam. L. ix. 12. / London: / printed for,
and published by Rodwell and Martin, Bond Street; / Wood, Strand; Hailes,
Piccadilly; / Tucker, Christchurch; and Bell, Richmond. / 1823.

Folio (36.6 × 26.3 cm). Pp. 1-11 [12]; 2 lith. plates (by author; lith. A. Pelletier).

Contents—Title, p. 1; notes on synonymy and anatomy of the swan (in Latin), p. 2; text (in the form of a letter to Milbank from Cooke, dated at Heron Court, near Ringwood, Hants., June 7th, 1823), pp. 3-11; explanation of the second plate, p. [12].

An open letter, as it seems, on the subjects mentioned in title, said to have been printed at the expense of the author, who “. . . seems to have reported to Mr. Milbank at intervals the arrival of rare birds at Heron Court, and to have been well read in the ornithological works of his day” (Mullens and Swann, p. 141).

COOKE, WELLS WOODBRIDGE (1858-1916)

543. 1888. U. S. Department of Agriculture. / Division of Economic Ornithology. /
Bulletin No. 2 / Report / on / bird / migration / in the / Mississippi Valley /
in/ the years 1884 and 1885, / by / W W. Cooke. / Edited and revised by Dr.
C. Hart Merriam. / Washington: / Government Printing Office. / 1888. / 7365—
Bull. No. 2.

8vo (22.7 × 14.2 cm). Pp. [2] 1-313; fold. col. map.

Contents—Title; conts.; letter of transmittal; prefatory letter by C. Hart Merriam (dated July 20, 1887), pp. 5-6; text, in two parts, the first (pp. 7-49) “treating of the history and methods of the work, together with a general study of the subject of Bird Migration,” the second (pp. 51-295) being “a systematic portion in which the five hundred and sixty species . . . are treated serially”; index, pp.

297-313. This vastly detailed report resulted from the collaboration of some 160 observers widely scattered through the area. Pp. 33-37 of the work, "Synopsis of Migration at Saint Louis from January 1 to May 27, 1884," were prepared by Otto Widmann. The author was also assisted by D. E. Lantz, and Merriam supplied many footnotes.

A landmark in the history of studies in bird migration, introducing the co-operative method on a then unprecedented scale. Many of the data are still useful in various ways.

Wood, 297. Reviewed: *Auk*, 1889:58-61 (J. A. Allen)—see also pp. 270-272 (critique by J. A. Harvie-Brown).

544. 1897. The State Agricultural College / The Agricultural Experiment Station / Bulletin No. 37 / Technical Series No. 2 / **The / Birds of Colorado** / By / W. W. Cooke / Approved by the station council / Alston Ellis, President / Fort Collins, Colorado / March, 1897 / The Smith-Brooks Printing Company / Denver.

8vo (22.7 × 14.7 cm). Pp. 1-143.

Contents—Title (personnel of Agricultural Experiment Station listed on verso); introd. matter, pp. 3-7; classification of Colorado birds according to status, pp. 8-16; migration dates, pp. 17-19; bibl., pp. 20-39; history, pp. 40-48; briefly annotated list of Colorado species with specific records and citation of source for unusual records, pp. 49-127; addenda, p. 128; index, pp. 129-143.

A sound work in its time, but rather sketchy because of the then-prevailing shortage of knowledge of the subject. Two appendices were issued in the same series, these being bound with this copy and described separately as Nos. 545 and 546.

Wood, 297; Zimmer, 134-35. Reviewed: *Auk*, 1897:331-332 (J. A. Allen).

545. 1898. The State Agricultural College / The Agricultural Experiment Station / Bulletin No. 44 / Technical Series No. 4 / **Further Notes / on the / Birds of Colorado** / An Appendix to Bulletin No. 37, on the / Birds of Colorado / By / W. W. Cooke / Approved by the station council / Alston Ellis, President / Fort Collins, Colorado / March, 1898 / The Smith-Brooks Printing Company / Denver.

8vo (22.7 × 14.7 cm). Pp. 145-176.

Contents—Title; introd., p. 147; supplementary material, additions, and corrections to the author's *The Birds of Colorado* (No. 544), pp. 148-170; index, pp. 171-176.

A supplement, bound with the major paper described above. A second appendix appeared in 1900 (No. 546).

Reviewed: *Auk*, 1898:340-341 (Frank M. Chapman).

546. 1800. Bulletin 56. (Technical Series No. 5.) May, 1900. The Agricultural Experiment Station / of the / Agricultural College of Colorado. / **The / birds of Colorado / A Second Appendix to Bulletin / No. 37** / By / W. W. Cooke / Published by the Experiment Station / Fort Collins, Colorado. / 1900.

8vo (22.7 × 14.7 cm). Pp. 177-239.

Contents—Title; introd., pp. 179-181; supplementary material, additions, and corrections to the author's *The Birds of Colorado* (No. 544) and its supplement (No. 545), pp. 182-224; index, pp. 225-239.

Bound with the major paper described above and its first appendix.

Reviewed: *Auk*, 1900:396 (J. A. Allen).

547. 1904. U. S. Department of Agriculture. / Division of Biological Survey—Bulletin No. 18. / C. Hart Merriam, Chief. / **Distribution and migration / of / North American warblers.** / By / Wells W. Cooke. / Assistant, Biological Survey. / [*Medallion*] / Washington: / Government Printing Office. / 1904.

8vo (22.7 × 14.0 cm). Pp. 1-142.

Contents—Title; letter of transmittal; conts., introd., containing general considerations and classifying the warblers in groups according to manner of migration, distribution, etc., pp. 7-16; systematic report, being a detailed treatment of the migration pattern of each species, pp. 16-139; index, pp. 141-142.

A detailed and valuable report of the same type as several later ones described below. Much of the matter in this and other, similar migration papers of Cooke's was also published in *Bird-Lore*.

Reviewed: *Auk*, 1905:91-92 (J. A. Allen).

548. 1906. U. S. Department of Agriculture / Biological Survey—Bulletin No. 26 / C. Hart Merriam, Chief / **Distribution and migration of North / American ducks, geese, / and swans** / By / Wells W. Cooke / Assistant, Biological Survey / [*Seal*] / Washington / Government Printing Office / 1906.

8vo (22.7 × 14.0 cm). Pp. 1-90.

Contents—Title; letter of transmittal; conts.; introd., covering general topics, pp. 7-19; systematic account of the distribution and migration of the species, pp. 19-87; index, pp. 89-90.

A thorough account, along the same lines as the author's paper on the wood warblers (No. 547).

Wood, 297. Reviewed: *Auk*, 1907:232-233 (J. A. Allen).

549. 1912. Issued May 18, 1912. / U. S. Department of Agriculture / Biological Survey—Bulletin No. 35, Revised / Henry W. Henshaw, Chief / **Distribution and migration of / North American shorebirds** / By / Wells W. Cooke / Assistant, Biological Survey / [*Seal*] / Washington / Government Printing Office / 1912.

8 vo (22.5 × 13.2 cm). Pp. 1-100; half-tone plates I-IV (wash drawings by L. A. Fuertes).

Contents—Title; letter of transmittal; conts.; list of illus.; introd., containing general considerations, etc., pp. 5-14; systematic account of the migration of the species, pp. 14-100.

A thorough and valuable account of the subject, along the same lines as other migration papers by Cooke here described. The present is a revised version of *Bulletin* 35, the original version having appeared in 1910.

Wood, 297 (version of 1910). Reviewed: *Auk*, 1911:126-128 (J. A. Allen)—see also pp. 517-518 (critique by Francis H. Allen), and reply (by Henry W. Henshaw), *Auk*, 1912, pp. 128-131.

550. 1913. Issued May 24, 1913. / U. S. Department of Agriculture / Biological Survey—Bulletin No. 45 / Henry W. Henshaw, Chief / **Distribution and migration of / North American herons / and their allies /** By / Wells W. Cooke / Assistant, Biological Survey / [*Seal*] / Washington / Government Printing Office / 1913. 8vo (22.7 × 14.0 cm). Pp. 1-70; text-maps 1-21.

Contents—Title; letter of transmittal; conts.; list of illus.; introd., pp. 7-10; systematic discussion of distribution and migration of the various species, pp. 10-67; index, pp. 69-70.

A useful report, arranged in the same way as the author's earlier migration studies (see above).

Reviewed: *Auk*, 1913:450 (Witmer Stone).

COOPER, JAMES GRAHAM (1830-1902)

551. 1870. Geological Survey of California. / J. D. Whitney, State Geologist. / **Ornithology.** / Volume I. / Land birds. / Edited by S. F. Baird, / from the manuscript and notes of / J. G. Cooper. / Published by authority of the Legislature. / 1870.

(27.0 × 20.0 cm, untrimmed). Pp. i-xi [xii], 1-592; 666 text-figs.¹ (from woodcuts; 317 hand-colored).

Contents—Half-title; title (verso: University Press: Welch, Bigelow, & Co., Cambridge.); conts.; introd., signed J. D. Whitney, Cambridge, Mass., October 1, 1870, pp. ix-xi; text, pp. 1-559, treating in systematic order all the birds then known to be found in North America north of Mexico and west of the Rocky Mountains with brief diagnoses of orders, families, subfamilies, and genera, and, for each species, name, partial synonymy, description (these mostly from Baird, Cassin, and Lawrence's *Birds of North America*, 1858, 1860, etc.), and notes, mainly by Cassin, on distribution, habits, etc.; appendix (by Baird), pp. 561-573, giving additional species, explanation of terms, etc.; glossary, pp. 574-579; Spanish names of California birds, pp. 580-582; index of scientific names, pp. 583-592. The copious illustrations generally depict in full one member of each genus, the head of each species (life-size when possible), and technical details of feet, wings, etc. The drawings of heads in the present copy are colored, which is said to be unusual. The excellent illustrations are by Edwin Sheppard, J. H. Richard, Henry W. Elliott, and A. Schönborn. Many were re-used by Baird, Brewer, and Ridgway (No. 137).

An important work in its times, although less well regarded than some nearly

¹ Zimmer gives 663.

contemporary efforts. The information given centers on California but is by no means restricted thereto (*cf.* introd., p. x; also Coues, Grinnell), a point not mentioned by Zimmer or Wood. A considerable amount of the material is over Baird's signature. Zimmer stated: "Volume II was to have comprised a similar volume on the water birds, but was replaced by the two volumes of Baird, Brewer and Ridgway on 'The Water Birds of North America,' 1884 . . . issued, eventually, in the Memoirs of the Museum of Comparative Zoology at Harvard College, Vol. XII."

The Ellis Collection also contains a set of the proof-sheets for this work, with corrector's marks.

Coues, I:683; Grinnell, I:22 (*crit.*, *re* California); Wood, 298; Zimmer, 135. Reviewed: *Ibis*, 1871:481-482.

CORDEAUX, JOHN (1831-1899)

552. 1872. **Birds / of / the Humber district. / By / John Cordeaux. / [Quot., 4 lines] /** London: / John Van Voorst, Paternoster Row. / MDCCCLXXII.

12mo (19.0 × 12.7 cm). Pp. i-xii [2], 1-231 [232], [2]; wood-engr. front., tailpiece.

Contents—Title (poem on v.); introd., pp. III-XII (dated Christmas 1872); errata and corrigenda; text, pp. 1-222, systematically arranged, with notes on occurrence, migration, and nesting; indices, pp. 223-231; advt., 1 leaf. The Humber district lies mainly in northern and central Lincolnshire, embracing part of Yorkshire as well.

A capably executed local ornithology. The list was revised and published in briefer form in 1896 (*cf.* Zimmer, 136).

BMNH, I:383; Coues, 4:454; Mullens and Swann, 143-146.

CORNISH, CHARLES JOHN (1859-1906)

553. 1902. **The naturalist on / the Thames / By / C. J. Cornish, F.Z.S. / Author of "Wild England" [Etc., 2 lines]. / With many illustrations / London / Seeley and Co. Limited / 38, Great Russell Street / 1902.**

8vo (22.3 × 14.1 cm). Pp. i-viii, 1-260, [4]; front. (wash drawing), 23 plates (comprising 3 wash drawings and 33 photos.; 5 ornith.).

Contents—Title; pref.; conts.; list of illus.; text, pp. 1-260, a popular and readable account of the wild life of the Thames Valley, including frequent reference to birds; advt., 2 leaves.

A pleasing book of no particular scientific importance. Wood, 299.

554. [1902?] **Les Animaux Vivants du Monde / Histoire naturelle / illustrée d'après la photographie directe, / publiée sous la direction de / Charles J. Cornish / assisté d'un comité de savants et d'explorateurs. / Traduction de l'Anglais par Ernest Guilmoto / Préface par / Edmond Perrier / Membre de l'Institut / Directeur du Muséum d'Histoire Naturelle. / ** [i.e. vol. 2] / Oiseaux—Poissons—Reptiles,**

etc. / 12 planches en couleurs / [Photo.] / Ernest Flammarion, Éditeur. / Rue Racine, 26, Paris (VI^e).

(27.4 × 20.8 cm). Pp. [4], 1-384, [4], i-viii; col. ornith. front., 11 col. plates (4 ornith.), approximately 615 photogr. text-figs., many full-page (230 ornith.).

Contents—Half-title; title; text, pp. 1-384 (pp. 1-160 embracing chapters I-XVII comprise livre II, which is entirely ornithological and by W. P. Pycraft),¹ dealing in popular style with the vertebrate groups mentioned in title plus various invertebrates; table des matières and subtitle thereto, 2 leaves; index, pp. i-viii.

The second volume of an abridged, French language edition of Cornish's *The Living Animals of the World* (London, 1901-1902), an authoritative, popular book which enjoyed considerable demand in its time. The first volume, not described here, treats the mammals, and contains a preface dated January 1902.

BMNH, VI:233 (first edit.); Wood, 299.

CORTES, JERÓNIMO (fl. 1600)

555. 1615. *Libro, / y Tratado / de los Animales Terrestres, / y Volatiles, con la historia, y propiedades / dellos; alabando de cada vno de los terrestres / la virtud en que mas se auentajò, y señalò: / con autoridad de Doctos, y / Santos. / ¶ Compuesto por Geronimo Cortes Valenciano. / Al Doctor Domingo Ximeno de Llobera, / Visitador general deste Arçobispado de Va- / lencia, por el Ilustrissimo señor Fr. / Don Isidoro Aliaga. / [Orn.] / ¶ Impresso cõ Priuilegio de Castilla, Aragon, / y Portugal; en Valencia, en casa de Iuan / Chrysostomo Garriz. Año de / 1615.*

8vo (14.6 × 10.3 cm, closely trimmed). Pp. [16] 1-531 [532] (*i.e.*, 558); 37 woodcuts in text (11 of birds).

Sigs.—§⁸ A-Z⁸ Aa-Ll⁸ Mm⁴; 284 leaves, Mm4v blank.

Irregularities and variants—Pagination highly irregular, without disturbance or loss of text: [16] 1-47 58 49-133 137-138 136-209 102 211-215 [216] 217-237 239 238 240-241 240-241 244 244 244-245 248-249 248-249 252-253 252-253 256-278 267 280-296 246 298-318 310 320-334 331 336-339 338-339 342-343 342-343 346-347 346-347 350-351 350 353-358 356 360-382 382 483 385-391 382 393-418 319 420-429 403-404 432-435 438 437-438 139 440-447 [448] 449-453 460-461 456-464 469-476 478 478-501 434 503-514 487 516 509 508 519-522 522-524 524 524-525 505-531 [532]. Citation should be made to signatures rather than pages, even though the signatures also suffer from a certain irregularity. Leaves B3, F2, G2, K2, Gg2 and Gg4 are mis-signed A3, F3, G3, K3, G2 and G3. Leaves I3, R4, T4, Gg3 and Kk2 are unsigned. Gatherings are normally signed through leaf 4; Ii-Ll are signed through leaf 5 and Mm through leaf 2.

Contents—Title, §1 (v. blank); four privileges and a ded., the last dated 20 December 1612 and signed by the author's son, Bartholome Cortes, §2^r-§8^v; text (in Spanish), in two parts, the first in 28 chapters dealing with "Animales

¹ Listed as W. C. Pycraft at foot of p. 1.

Terrestres" (A1-Cc3^r), the second in 30 chapters treating "Animales Volatiles" (Cc3^v-Mm4^r). The latter section includes birds of many kinds, mythological creatures, flying insects, etc. The work is chiefly devoted to fables and legends, medicinal uses, etc., concerning the animals discussed, and quotes freely from classical authors. The book contains almost no original observations and Cortes seems to have ignored his prolific predecessors, Belon and Gesner. The woodcuts are quaint and imaginative, but poorly executed and bear little resemblance to real animals.

A work of no particular scholarly merit. The book is rare. I can find no mention of it in zoological bibliographies. Palau y Dulcet (*Manual del Librero Hispano-Americano*, vol. 2, Barcelona, 1924, p. 311) refers to known or reported editions of 1613, 1615, 1672, and 1678. BMC (vol. 44, 1966) lists a copy of the present edition, and also an edition of 1672. The second edition of Palau y Dulcet (vol. 4, Barcelona, 1951, p. 146) lists only editions of 1671 and 1672.

CORY, CHARLES BARNEY (1857-1921)

556. 1878. **A naturalist / in the / Magdalen Islands; / giving / a description of the islands and list of the birds taken / there, with other ornithological notes. / By / Charles B. Cory. / Illustrated from sketches by the author. / Boston. / 1878.**

4to (19.4 × 16.1 cm). Pp. i-iv [v-vi], 7-93; engr. front., engr. plate, engr. text-fig.

Contents—Title (copyright on v., by Cory, dated 1878); pref., pp. iii-iv; conts.; text, containing general matter concerning the Islands and miscellaneous ornith. observations on pp. 7-29 and a catalogue of "birds taken or observed in the Magdalen Islands, with notes regarding those found breeding" on pp. 33-78 (sectional half-title on p. 31); appendix, pp. 81-83, dealing with species of conjectural occurrence; index, pp. 85-93. The notes in the list are brief but often contain precise records.

A handsome little work, in its time contributing considerable new knowledge to the ornithology of the Gulf of Saint Lawrence region.

Wood, 300; Zimmer, 137. Reviewed: *Bull. Nuttall Orn. Cl.*, 1879:171 (J. A. Allen).

557. 1880. **Birds / of the / Bahama Islands; / containing / many birds new to the islands, and a number of undescribed / winter plumages of North American species. / By / Charles B. Cory, / Author of "A Naturalist in the Magdalen Islands," etc. / Illustrated. / Boston: / published by the author, / 8 Arlington Street. / 1880.**

4to (27.0 × 20.0 cm). Pp. 1-250; lith. col. front., 7 lith. col. plates.

Contents—Title; pref., pp. 3-4; conts.; index of plates; text, in 2 pts., pp. 11-41 (sectional half-title, p. 9) describing the area, method of the work, etc., and pp. 45-223 (sectional half-title, p. 43) giving descriptions and popular accounts of 149 species; summary of distributions, pp. 225-231; appendix, pp. 235-239 (sectional half-title, p. 233), in which 36 species of conjectural occurrence are listed; index

(with sectional half-title), pp. 241-250. The plates are pleasing and generally rather well executed.

An important early work on the area in question; it is semipopular but authoritative. Another impression (No. 558), with additional matter, appeared in 1890. The present impression is now rather rare; some copies have uncolored plates.

BMNH, I:387; Nissen, 203; Wood, 300; Zimmer, 137. Reviewed: *Bull. Nuttall Orn. Club*, 1880:107 (J. A. Allen).

558. 1890. **The birds / of the / Bahama Islands / containing / Many birds new to the Islands, and a number of undescribed / winter plumages of North American birds. / By Charles B. Cory, / Curator of Birds in the Boston Society of Natural History [Etc., 6 lines]. / Author of / The Beautiful and Curious Birds of the World [Etc., 4 lines]. / Revised edition. / Estes & Lauriat, / Boston, U.S.A. / 1890.** (26.5 × 20.3 cm). Pp. [2] [1-3] 4 [5] 6-7 [8] [16] [9-11] 12-250; lith. front., 7 lith. plates.

Contents—As in the first impression (1880; No. 557), with the addition of a new pref. (1 leaf), an “Ornithological bibliography of the Bahama Islands” (1 leaf), “Species and subspecies described since 1880” and “Species and subspecies which have been added to the fauna since 1880” (6 leaves), and a list of “Changes in nomenclature and classification” (1 leaf).

A retitled impression of a work published in 1880 (No. 557), with the insertion of 8 leaves of new matter as indicated above.

Wood, 300; Zimmer, 139. Reviewed: *Auk*, 1891:300-301 (J. A. Allen).

559. 1884-85. **The / birds / of / Haiti and San Domingo. / By / Charles B. Cory, / Fellow of the Linnaean Society of London [Etc., 8 lines]. / Estes & Lauriat, / Boston, U.S.A. / 1885.**

(29.6 × 22.5 cm, unopened). Pp. [1-7] 8-198; 23 lith. plates (numb. in index; 22 hand-col.), 2 text-figs.

Contents—2 blank leaves; title (copyright notice and trademark of Alfred Mudge and Son, Printer, Boston, on v.); conts.; index of plates; introd., pp. 15-16; text, pp. 17-186, giving for each species synonymy, description, lists of specimens, and other notes; index, pp. 187-198. The actual number of precise records given is small.

A basic faunal treatise in its time. It was published in four parts, listed in *The Auk* (1885:295) as follows: Pt. I, pp. 17-56 (6 plates), March 1884; Pt. II, pp. 57-112 (6 plates), July 1884; Pt. III, pp. 113-160 (6 plates), Dec. 1884; Pt. IV, pp. 1-6, 160-198 (5 plates), March 1885. The Ellis copy is in original wrappers, dated 1884 (Pts. I-III) and 1885 (Pt. IV). Each part bears a number printed in red on the front wrapper, presumably indicating a limited edition (Pt. I, 131; Pt. II, 256; Pt. III, 256; Pt. IV, 129).

BMNH, I:387; Nissen, 204; Wood, 300; Zimmer, 138. Reviewed: *Auk*, 1884:285, 1885:295 (J. A. Allen).

560. 1885. A / list of the birds / of the / West Indies, / including the / Bahama Islands and the Greater and Lesser Antilles, excepting / the islands of Tobago and Trinidad. / By / Charles B. Cory. / Estes & Lauriat, / Boston, U.S.A. / 1885.

(30.0 × 19.2 cm). Ff. [3], 6-34.

Contents—Title; index to families; list of families, genera, and species (scientific names only), ff. 5-34, giving range by islands for each of the latter. Printed on recto only.

According to Zimmer, there is a suppressed variant with the leaves printed on both sides. A revised impression (No. 561) appeared in the following year.

BMNH, I:387; Zimmer, 138. Noticed: *Auk*, 1885:319.

561. 1886. A / list of the birds / of the / West Indies, / including the / Bahama Islands and the Greater and Lesser Antilles, excepting / the islands of Tobago and Trinidad. / By / Charles B. Cory. / Revised edition. / Estes & Lauriat, / Boston, U.S.A. / 1886.

(30.0 × 19.3 cm). Ff. [3] 6-34 [1].

Contents—The same as in the impression of 1885 (No. 560), with a few minor changes in text (which is from the same setting of type) and the addition of a leaf bearing an appendix in which 16 species are added to the list. The verso of the title page bears a copyright notice dated Jan. 1, 1886.

This edition is said to be rare. The Ellis copy has Cory's printed "Species wanted" list pasted in on the front pastedown, and Cory's signature and the bookplate of John Eliot Thayer on the front free endleaf.

562. 1889. The / birds of the West Indies. / Including / all species known to occur in the Bahama Islands, the Greater / Antilles, the Caymans, and the Lesser Antilles, excepting / the islands of Tobago and Trinidad. / By / Charles B. Cory, / Curator of Birds in the Boston Society of Natural History [*Etc.*, 6 lines]. / Author of / "The beautiful and curious birds of the world," [*Etc.*, 4 lines]. / Illustrated. / Estes & Lauriat, / Boston, U.S.A. / 1889.

(25.8 × 17.8 cm). Pp. [2], 1-324; 19 text-figs., 2 maps.

Contents—Title (copyright notice and note of printer, Alfred Mudge, Boston, on v.); ded.; introd., pp. 3-4; "A list of the principal works and papers relating to West Indian ornithology, referred to in this work," pp. 5-14; text, pp. 15-284, giving synonymies and descriptions of species, with brief statements of range and occasional remarks (descriptions of well-known North American species omitted); appendix, pp. 285-298, treating in similar manner a considerable number of species added to the list since preliminary publication of much of the text in *The Auk*, 1886-1888; index, pp. 299-324. Bookplate: Bibliotheca Lindesiana.

A basic and important work in its day.

BMNH, I:387; Wood, 300; Zimmer, 139. Reviewed: *Auk*, 1889:265-266 (J. A. Allen).

563. 1892. *Catalogue / of / West Indian birds, / containing a list of all species known to occur in the Bahama Islands, the / Greater Antilles, the Caymans, and the Lesser Antilles, excepting / the islands of Tobago and Trinidad, / by / Charles B. Cory, / Fellow of the Linnaean and Zoölogical societies of London [Etc., 4 lines]. / Author of / "The Beautiful and Curious Birds of the World," [Etc., 3 lines]. / Published by the author. / Boston, U.S.A. / 1892.*

(27.5 × 21.0 cm). Pp. 1-163; fold. map.

Contents—Title; conts.; pref. (dated October 1, 1892), pp. 5-6; introd., pp. 7-8; table of genera and species peculiar to the West Indies, pp. 9-20; extensive bibl., pp. 21-79; systematically arranged and unannotated catalogue of West Indian birds, with notations of occurrence by islands, pp. 81-122; hypothetical list, pp. 123-125; list of species and subspecies peculiar to the different islands, pp. 126-134; appendix, pp. 135-157, being a series of annotations to the catalogue; index to islands, pp. 159-160; index to birds, pp. 161-163.

A work intended to be used in connection with Cory's more extensive *The birds of the West Indies* (No. 562), to which numerous emendations are made. Bookplate: John Eliot Thayer.

Wood, 300; Zimmer, 139. Reviewed: *Auk*, 1893:69-70 (J. A. Allen).

564. 1896. *Hunting and fishing / in / Florida, / including a / key to the water birds / known to occur in the state. / By / Charles B. Cory. / Curator of the Department of Ornithology in the Field Columbian Museum, Chicago [Etc., 4 lines]. / Author of / "The Beautiful and Curious Birds of the World," [Etc., 4 lines]. / For sale by / Estes & Lauriat, / Boston, Mass. / 1896.*

(22.5 × 17.7 cm). Pp. [4] 3-4 [4] 7-304 [2]; fotogr. front., 1 fotogr. plate, approximately 320 text-figs. (photos., wash drawings, line-cuts, etc.; 248 ornith., by Edward Knobel).

Contents—Title (copyright 1895 and note of printer, The Barta Press, Boston, on v.); ded.; pref., pp. 3-4; conts.; list of illus.; introd., pp. 7-8; text, pp. 9-297 (pp. 9-131 deal with the Seminole Indians and various aspects of Florida wildlife and sport; pp. 133-297 consist of a "Key to the water birds of Florida," including introductory matter and accounts of plumage, habits, and occurrence in Florida); index to key, pp. 299-304; advt., "Works on ornithology, by Charles B. Cory," 1 leaf.

The popular text makes interesting reading, and is based on personal experiences in Florida at the end of the wilderness days of that state. The profusely illustrated key must have been of considerable utility to early visitors to the state, but is today of historic value only. A so-called "second edition" (No. 565), published the same year, is merely a re-issue with additions totalling not more than 6 pp.

Wood, 300; Zimmer, 140. Reviewed: *Auk*, 1896:246-247 (J. A. Allen).

565. 1896. **Hunting and fishing in Florida.** [*As No. 564: 17 lines*] / **Second edition.** / [*Idem, 4 lines*].

(22.5 × 17.7 cm). Pp. [8] 3-4 [4] 7-8, 7-304 [2].

Another issue, distinguished from No. 564 by the addition of a preface to the 2nd ed. (2 leaves), and 2 pp. of text and 3 photographs dealing with the Seminole Indians. The ornithological portion is identical and from the same type.

566. 1896. **Key / to the / water birds / of Florida.** / By / Charles B. Cory, / Curator of the Department of Ornithology in the Field Columbian Museum, Chicago [*Etc., 4 lines*]. / Author of / "The Beautiful and Curious Birds of the World," [*Etc., 4 lines*]. / For sale by / Bradlee Whidden. / Boston, Mass. / 1896.

(22.3 × 17.7 cm). Pp. 172 [2]; approximately 241 text-figs. (half-tones and line-cuts, 2 full-page).

Contents—Title (copyright notice and "The Barta Press, Boston" on v.); remainder of text the same as pp. 135-304 of *Hunting and fishing in Florida* (No. 564).

A re-issue of pp. 135-304 of No. 564 with new title leaf and new page numbers but otherwise apparently unchanged.

567. 1897. **How to know / the / Ducks, Geese and Swans / of / North America /** All the species being grouped according to size and color / By / Charles B. Cory / Curator of the Department of Ornithology in the Field Columbian Museum, Chicago [*Etc., 4 lines*]. / Author of "The Beautiful and Curious Birds of the World," [*Etc., 5 lines*]. / For sale by / Little, Brown & Co. / Boston / 1897.

(23.2 × 18.3 cm). Pp. 1-95 [96], [4]; front. (half-tone), approximately 120 text-figs.¹ (half-tone and line cuts, 5 full-page; by Edward Knobel).

Contents—Title (copyright notice and note of printer, Alfred Mudge, Boston, on v.); pref. (dated Sept. 1, 1897), pp. 3-4; conts.; various explanatory matter, pp. 6-13; key to the species, pp. 15-36; annotated list of species, giving short descriptions, statement of ranges, etc., pp. 37-92; index, pp. 93-95; advt. of books by Cory, 2 leaves.

Designed especially for sportsmen, the work has been superseded for some years by more modern and comprehensive treatises. It was prepared along the same lines as Cory's *How to know the shore birds* published the same year (Boston, Little, Brown & Co.). Copy in original paper covers.

Wood, 300; Zimmer, 140. Reviewed: *Auk*, 1898:278-279 (J. A. Allen).

568. 1899. **The birds / of / Eastern North America / known to occur east of the ninetieth meridian / Water birds / Part I / Key to the families and species / by / Charles B. Cory / Curator of the Department of Ornithology in the Field Columbian Museum, Chicago [*Etc., 4 lines*]. / Author of "The Beautiful and Curious**

¹ Many multiple figs. are difficult to count consistently; Zimmer gives 138.

Birds of the World," [Etc., 6 lines]. / **Special edition** printed for the / Field Columbian Museum, Chicago, Ill. / 1899.

(22.7 × 17.5 cm). Pp. i-ix, 1-142; front. (half-tones and line cuts), very many text-figs.¹

[*Idem*, 4 lines] / Part II / **Land birds** / [*Idem*, 16 lines].

(22.7 × 17.5 cm). Pp. i-ix, 131-387; front. (line-cuts), very many text-figs.²

Contents—Both parts contain frontispieces (a preliminary key in Pt. I and "Topography of a bird" in Pt. II) in addition to title, conts., and instructions on measuring a bird. In Pt. I are a pref. (pp. iii-iv), glossary, and introd. (pp. 1-9). In Pt. II is a ded. Pp. 10-130 of Pt. I and pp. 131-324 of Pt. II contain profusely illustrated keys to the water birds and land birds, respectively. Pp. 131-135 of Pt. I contain descriptions of three grebes and a loon, evidently beginning a series never concluded (and accounting for the irregularity in pagination between the two parts). Pp. 325-387 of Pt. II contain a revised reprint of Cory's *A list of the birds of eastern North America* first published 1896. There is an index to Pt. I but none to Pt. II.

A popular work, in arrangement much like the author's earlier treatments of shorebirds, and ducks, geese, and swans (No. 567), designed to assist beginners in identification. Favorably regarded upon appearance, it has not remained prominent and has been superseded by many works. It was reprinted the following year with a few alterations (No. 569). Original paper covers bound in.

Wood, 300; Zimmer, 141. Reviewed: *Auk*, 1899:366-367, 1900:78 (J. A. Allen).

569. 1900. **The birds of eastern North America.** [*As No. 568, 19 lines*] / **Second edition** / Bay State Publishing Co. / 160 Boylston Street / Boston, Mass. / 1900.

A new impression, with new title-leaf, new (pictorial) paper covers, and the omission of the list of the birds of eastern North America (pp. 325-387 of Pt. II). Otherwise the work is identical with No. 568. Zimmer (p. 141) indicates that it was also published in Chicago in the same year, but I find no other evidence of this. Evidence of a later impression is found in J. A. Allen's statement (*Auk*, 1909: 442) that certain errors present in both impressions at hand were later corrected. Ellis copy in original paper covers.

570. 1909. Field Museum of Natural History. / Publication 131. / Zoölogical Series. Vol. IX. / **The birds of Illinois and Wisconsin** / by / Charles B. Cory / Curator of Department of Zoölogy. / [*Seal*] / Chicago, U.S.A. / 1909.

(24.1 × 15.7 cm). Pp. 1-764 [2]; more than 1,000 text-figs.,³ 2 photogr. plates of eggs, 1 map.

Contents—Series title; title; pref., pp. 5-6; conts.; glossary; introd., pp. 13-19,

¹ Line-cuts and half-tones. It is unlikely that any two bibliographers would get the same count, because of the frequency of complex multiple figs. Zimmer gives 532.

² Zimmer gives 722.

³ Wood gives 1,260.

defining terms, etc.; "how to measure a bird"; keys (adapted from the author's *The birds of eastern North America*; No. 568), pp. 22-274; text proper, pp. 275-715, treating 398 species and subspecies of birds deemed to have been reliably recorded in Illinois and Wisconsin, "with descriptions of their various plumages, nests and eggs, and geographical distribution together with more or less brief biographical notes . . ."; key to the eggs of more common species, with index, pp. 716-739; bibl., pp. 740-750; index, pp. 751-764. The illustrs. are from many sources, largely other works by the same author.

A major work on the birds of the states concerned. Now outdated but never fully superseded.

Wood, 300. Reviewed: *Auk*, 1909:442-443 (J. A. Allen).

CORY, CHARLES BARNEY; CHARLES EDWARD HELLMAYR; and HENRY BOARDMAN CONOVER

571. 1918-49. *Catalogue of birds of the Americas and the adjacent islands*. *Zool. Ser. Field Mus. Nat. Hist.*, Chicago, vol. XIII.

Note—Published in 15 separate installments, as Pts. I-XI. Pt. II (consisting of 2 separate numbers) was published first and Pt. I (4 separate numbers) last. The title varies complexly, but since there has been but one impression it does not seem justifiable to transcribe all the variations. The titles are given, therefore, of Pt. I, No. 1 (1942) and Pt. II, No. 1 (1918), the part actually first published. Following this, collation, authorship, and other details are given for each separate part.

1942. *Catalogue of birds of the Americas / and the adjacent islands / in / Field Museum of Natural History / Including all species and subspecies known to occur in North America, / Mexico, Central America, South America, the West Indies, and / islands of the Caribbean Sea, the Galapagos Archipelago / and other islands which may be included on / account of their faunal affinities / By / Charles E. Hellmayr / Associate Curator of Birds / and / Boardman Conover / Research Associate, Birds / Part I, Number 1 / Rheidae—Tinamidae—Cracidae—Tetraonidae—Phasianidae / Numididae—Meleagrididae—Opisthocomidae—Gruidae / Aramidae—Psophiidae—Rallidae—Heliornithidae / Eurypygiidae—Cariamidae—Columbidae / [Device] / Zoological Series / Field Museum of Natural History / Volume XIII, Part I, Number 1 / April 30, 1942 / Publication 514.*

1918. *Catalogue / of / birds of the Americas and the / adjacent islands / in / Field Museum of Natural History / and / Including all species and subspecies known to occur in North America, / Mexico, Central America, South America, the West Indies, and / Islands of the Caribbean Sea, the Galapagos Archipelago, / and other islands which may properly be included / on account of their faunal affinities. / By / Charles B. Cory / Curator of Department of Zoölogy. / Part II / No. 1 / Family Bubonidae Family Todidae [heading opposite columns] / Family Tytonidae Family Momotidae / Family Psittacidae Family Nyc-
tibiidae / Family Steatornithidae Family Caprimulgidae / Family Aleccinidae
Family Cypselidae / Trochilidae [centered] / Chicago, U.S.A. / March, 1918.*

15 pts., 8vo (24.0 × 15.9 cm), 1918-1949. Details and collation of the several parts are as follows:

- Pt. I, No. 1: pp. [2], i-vi, 1-636; Publication (of Field Museum) 514, April 30, 1942. By Hellmayr and Conover.
- Pt. I, No. 2: pp. [2], i-vii [viii], 1-434; Publ. 615, August 18, 1948. By Hellmayr and Conover.
- Pt. I, No. 3: pp. [2], i-vi, 1-383; Publ. 616, December 16, 1948. By Hellmayr and Conover.
- Pt. I, No. 4: pp. [2], i-vi, 1-358; Publ. 634, August 19, 1949. By Hellmayr and Conover.
- Pt. II, No. 1: pp. [2], 1-316; col. front., Publ. 197, March, 1918. By Cory.
- Pt. II, No. 2: pp. [2], 317-607; col. front., Publ. 203, December 31, 1919. By Cory.
- Pt. III: pp. [2], i-vii [viii], 1-369; col. front., Publ. 223, November 20, 1924. By Cory and Hellmayr.
- Pt. IV: pp. [2], i-iv, 1-390; col. front., Publ. 234, December 29, 1925. By Cory and Hellmayr.
- Pt. V: pp. [2], i-vi, 1-517; Publ. 242, April 11, 1927. By Hellmayr.
- Pt. VI: pp. [2], i-v [vi], 1-258; Publ. 266, November 14, 1929. By Hellmayr.
- Pt. VII: pp. [2], i-vi, 1-531; Publ. 330, November 15, 1934. By Hellmayr.
- Pt. VIII: pp. [2], i-vi, 1-541; Publ. 347, September 16, 1935. By Hellmayr.
- Pt. IX: pp. [2], i-v [vi], 1-458; Publ. 365, October 6, 1936. By Hellmayr.
- Pt. X: pp. [2], i-v [vi], 1-228; Publ. 381, April 12, 1937. By Hellmayr.
- Pt. XI: pp. [2], i-vi, 1-662; Publ. 430, December 31, 1938. By Hellmayr.

Contents—Each pt. contains title of *Zool. Ser. Field Mus. Nat. Hist.*, vol. XIII, and title of the pt. in question or appropriate number thereof. Pt. II, nos. 1 and 2, contains additional half-titles. Each pt. contains index (except that no. 2 of pt. II contains index for both numbers), pref., and conts. The highly condensed text gives the names of higher systematic categories, authorities and sources for genera, and for each species and subspecies treated gives name, brief synonymy, range, and numbers and localities of specimens examined. A considerable quantity of annotation pertaining to taxonomic matters appears in extensive footnotes, these being initialled in parts of joint authorship. Groups treated in the respective parts are as follows: Pt. 1, no. 1—Rheidae, Tinamidae, Cracidae, Tetraonidae, Phasianidae, Numididae, Meleagrididae, Opisthocomidae, Gruidae, Aramidae, Psophiidae, Rallidae, Heliornithidae, Eurypygidae, Cariamidae, Columbidae; Pt. 1, no. 2—Spheniscidae, Gaviidae, Colymbidae, Diomedidae, Procellariidae, Hydrobatidae, Pelecanoididae, Phaethontidae, Pelecanidae, Sulidae, Phalacrocoracidae, Anhingidae, Fregatidae, Ardeidae, Cochleariidae, Ciconiidae, Threskiornithidae, Phoenicopteridae, Anhimidae, Anatidae; Pt. 1, no. 3—Jacanidae, Rostratulidae, Haematopodidae, Charadriidae, Scolopacidae, Recurvirostridae, Phalaropodidae, Burhinidae, Thinocoridae, Chionidae, Stercorariidae, Laridae, Rynchopidae, Alcidae; Pt. 1, no. 4—Cathartidae, Accipitridae, Pandionidae, Falconidae; Pt. 2, no. 1—Bubonidae, Tytonidae, Psittacidae, Steatornithidae, Alcedinidae, Todidae, Momotidae, Nyctibiidae, Caprimulgidae, Apodidae, Trochilidae; Pt. 2, no. 2—Trogonidae, Cuculidae, Capitonidae, Ramphastidae, Galbulidae, Bucconidae, Picidae; Pt. 3—Pteroptochidae, Conopophagidae, Formicariidae; Pt. 4—Furnariidae, Dendrocolaptidae; Pt. 5—Tyrannidae; Pt. 6—

Oxyruncidae, Pipridae, Cotingidae, Rupicolidae, Phytotomidae; Pt. 7—Corvidae, Paridae, Sittidae, Certhiidae, Chamaeidae, Cinclidae, Troglodytidae, Prunellidae, Mimidae, Turdidae, Zeledoniidae, Sylviidae; Pt. 8—Alaudidae, Hirundinidae, Motacillidae, Bombycillidae, Ptilogonatidae, Dulidae, Vireonidae, Vireolaniidae, Cyclarhidae, Laniidae, Sturnidae, Coerebidae, Compsothlypidae; Pt. 9—Tersinidae, Thraupidae; Pt. 10—Icteridae; Pt. 11—Ploceidae, Catamblyrhynchidae, Fringillidae.

An indispensable work treating in all (according to Peters) 1,311 genera, 4,227 species, and 8,896 subspecies. A number of new names date from the work, these being listed in contents in all parts except Pt. II, nos. 1 and 2. Forms not appearing in Ridgway's *Birds of North and Middle America* or the *Catalogue of birds* in the British Museum are briefly characterized in the present work. The work cannot properly be said to have a "senior" author. It is referred to, in brief, by most ornithologists as "Hellmayr," but main entry under Cory, following chronological sequence, seems most appropriate here.

Wood, 300 (descr. incomplete). Selected reviews: *Auk*, 1918:365-366 (Witmer Stone), and *Ibis*, 1918:500-501 (pt. 2, no. 1); *Auk*, 1925:148-149 (Witmer Stone), and *Ibis*, 1925:728-729 (pt. 3); *Auk*, 1943:112-113 (pt. 1, no. 1; J. T. Zimmer); *Auk*, 1950:111-113 (J. L. Peters; summary of entire series).

COTTON, JOHN (d. ca. 1850)

572a. 1835. **The / song birds / of / Great Britain; / containing / delineations, of the natural size, / of thirty-three birds, / coloured from living specimens, / with / some account of their habits, and occasional directions / for their treatment in confinement. / By John Cotton, F.Z.S. / "Nature's sweet voices, always full of love / and joyance." Coleridge. / London: M.DCCC.XXXV.**

Above is title of entire work, as issued at beginning of the second part, together with a tipped in slip reading "Note. The title-page given with the first part should be cancelled and the present one substituted. The general preface should precede that to the first part." Title of the first part as issued (not cancelled in the Ellis copy) is as follows:

The resident / song birds / of / Great Britain; / containing / delineations of seventeen birds / of the size of life, / (together with the egg of each species,) / with / a short account of their general habits, and occasional / directions for their treatment in confinement. / By John Cotton, F.Z.S. / London: / M.DCCC.XXXV.

2 parts, 8vo (25.7 × 16.2 cm).

Part 1: 38 leaves; 17 engr. col. plates.

Part 2: 33 leaves; 16 engr. col. plates.

Sigs.—Part 1: $\pi 1 A^6(A2+\chi 1) {}^2\chi^2 {}^3\chi 1 B-D^8 E1-3$; 38 leaves. A1 signed A2, $\chi 1$ signed A[?] (number erased and replaced by handstamped 4), ${}^2\chi 1$ signed A8. Part 2: $\pi^4 E4-8 F-H^8$; 33 leaves. H8 blank.

Contents—Part 1: title to part 1, A1^r; note "The present publication is intended to form a portion of a volume on the Song Birds of Great Britain. The remaining

part will comprise the Summer Migrant Song Birds of this country, and will contain figures and descriptions of about the same number of species as the present. . . .” and imprint “London: Printed by Samuel Bentley, Dorset-street.”, A1^v; errata slip tipped in, listing corrections to articles on Dartford Warbler, Stonechat, Goldfinch, and Aberdevine; “Preface to the first part,” A2^r-A3^v; list of species treated in the first part, A4^r; descriptive text treating 17 species (34 leaves). Part 2: title to entire work, with imprint on verso, “London: Printed by Samuel Bentley, Dorset Street, Fleet Street.”, π1; instruction slip tipped in, “Note. The title-page given with the first part should be cancelled and the present one substituted. The general preface should precede that to the first part.”; preface to entire work, π2-4; a second copy of the instruction slip tipped in; list of species treated in the second part, E4^r; descriptive text treating 16 species (27 leaves). The 34 plates are by the author (Mullens and Swann). Besides brief and informal descriptions, the text gives short notes, mostly compiled from a variety of authors, on the distribution, habits, seasons of occurrence, and behavior of each species.

The first issue of both parts, readily identifiable by the signature B2 on the first leaf of the description of the Hedge-Sparrow or by the reading “migatory” in the last line of the first leaf of the description of the Dartford Warbler. The work is no longer of any particular scientific importance but, as stated by Coues, “treats very pleasantly of the subject.” The two parts are citable in either separate or combined form. Its extreme rarity in the complete form is mentioned both in Mullens and Swann and in Wood. Seven examples (copies and issues) of the titles discussed as Nos. 572a, 572b, 572c and 573 are present in the collection in a dark blue-green moiré diagonal fine-ribbed cloth, all but two of them without lettering or other design. Another example is in a fine diaper design cloth, probably originally dark purple but now faded to mid-brown, with a blind stamped border and center design looking like an edition binding; the spine carries the title in gilt, applied letter by letter.

Coues, 4:390, 392; Mullens and Swann, 148-149; Nissen, 206 (refers to a further dating of 1838); Wood, 301.

572b. 1835. **The / resident / song birds / of / Great Britain; /** [*As No. 572a, Part 1, 10 lines*].

8vo (25.4 × 15.7 cm). Number of leaves and plates as No. 572a, Part 1.

Sigs.—A-D⁸ E⁸. The conjugacy of gathering E is impossible to determine certainly; the gathering may actually be E⁸(-7, 8).

A corrected re-setting of part 1, incorporating all the points mentioned on the errata slip of part 1 of No. 572a. This version is easily identifiable by the signature B on the first leaf of the description of the Dartford Warbler and by the corrected reading “migatory” in the last line on that page.

572c. 1836. **The / song birds / of / Great Britain; /** containing / delineations of thirty-three birds, / of the natural size, / (including the genus *Sylvia* of Latham,) / coloured principally from living specimens, / with / some account of their habits,

and occasional directions / for their treatment in confinement. / By John Cotton, F.Z.S. / "Nature's sweet voices, always full of love / And joyance." Coleridge. / London: M.DCCC.XXXVI.

8vo (25.5 × 16 cm). Number of leaves and plates as No. 572a, Part 2.

Sigs.—As No. 572a, part 2.

Another issue of the sheets of No. 572a, part 2, with a new title-leaf.

573. 1836. **The / song birds / of / Great Britain;** / [*As No. 572c, 12 lines*].

8vo (25.5 × 15.8 cm). 69 leaves; 33 engr. col. plates.

Sigs.— π^4 A8(-A1) B-D⁸ E⁶ F² G-I⁸ K².

Contents—Another issue of No. 572, made up of the same setting of type as the revised issue of the first part (No. 572b), and a new setting of the second part, with no apparent textual changes.

574. 1854-56. **Beautiful birds: / Their Natural History; / including an account of their structure, habits, / nidification etc. etc. / Edited, from the / manuscript of the late John Cotton, Esq., F.Z.S., / by / Robert Tyas, B.A., F.R.B.S., / Author of "Flowers from foreign lands;" [*Etc., 3 lines*]. / Vol. I [-III]. / With twelve coloured plates, / drawn and coloured by James Andrews, / And many Wood Engravings. / London: / Houlston and Stoneman, / 65, Paternoster Row. / MDCCCLIV [MDCCCLV; MDCCCLVI].**

3 vols. (16.2 × 10.1 cm).

Vol. I: pp. i-xx, 1-92, 1-16, 1-16, 1-16, 1-15, 1-16, 1-16; 11 (should be 12) lith. col. plates, 30 text-figs. (woodcuts).¹

Vol. II: pp. [5], viii-x [xi-xii], 1-15, 1-16, 1-16, 1-16, 1-16, 1-16, 1-16, 113-192; 12 plates, 35 text-figs.

Vol. III: pp. i-viii [ix-x], 1-198; 12 plates, 37 text-figs.

Contents—Each vol. contains title, advt., conts., and list of plates, and vol. I contains also introd. (pp. ix-xx). Arabic-numbered pp. are devoted to an informal survey of the birds of the world, arranged largely according to the "classification of Swainson, following a modified 'quinary system'" (Zimmer).

A handsome little work, which is mainly a compilation. It was published in 36 parts, each with one colored plate, said to have appeared monthly. Zimmer describes a version with new title and of unknown date, such being listed also by Nissen, and by Wood. The Ellis copy lacks the frontispiece (chatterers and fly-catchers) of vol. I, and a preliminary leaf (probably blank) of vol. II.

Mullens and Swann, 148; Nissen, 207; Wood, 301; Zimmer, 142.

¹ Zimmer gives 46, 70, and 75 text-figs. for vols. I, II, and III respectively, evidently by detailed counting of all objects in composite text-figs.

COUES, ELLIOTT (1842-1899)

575. 1872. **Key / to / North American birds /** containing a concise account of every species of / living and fossil bird / at present known from the continent north of the Mexican / and United States boundary. / Illustrated by 6 steel plates, and upwards of 250 woodcuts. / By / Elliott Coues, / Assistant Surgeon United States Army. / Salem: Naturalists' Agency. / New York: Dodd and Mead. / Boston: Estes and Lauriat. / 1872.

(26.8 × 17.7 cm). Pp. [8], 1-361 [362]; lith. plates I-VI, text-figs. 1-238, 1 vign.

Contents—Half-title; title; pref. (dated September 9th, 1872); conts.; introd., pp. 1-59, briefly treating general ornithology, avian anatomy and classification, etc.; key to genera, pp. 61-67; text proper, pp. 69-350, being a "systematic synopsis of North American birds" and dealing in succinct fashion with each taxon down to the species and "variety"; additions and corrections, pp. 351-352; index and glossary, pp. 353-361; advt. for *The American Naturalist*, 1 p.

The first edition of one of the classics of ornithological literature. In simplicity, clarity, and utility for its purposes it has rarely, if ever, been excelled. New and rewritten editions of the "key," much expanded, improved, and brought up to date, appeared in 1884 and 1903 (Nos. 576, 578). Additional impressions of these two additions, some of them with new appendices, etc., appeared in 1887 (No. 577), 1890, and 1927 (No. 579).

Wood, 302; Zimmer, 143. Reviewed: *Ibis*, 1873:441-442.

576. 1884. **Key / to / North American Birds. /** Containing a concise account of every species of living and fossil / bird at present known from the continent north of / the Mexican and United States boundary, / inclusive of Greenland. / **Second Edition, Revised to Date, and Entirely Rewritten:** / with which are incorporated / general ornithology: / an outline of the structure and classification of birds; / and / field ornithology: / a manual of collecting, preparing, and preserving birds. / By Elliott Coues, M.A., M.D., Ph.D., / Member of the National Academy of Sciences, etc. etc. / Profusely illustrated. / [*Monogram*] / Boston: / Estes and Lauriat. / 1884.

(24.0 × 16.0 cm). Pp. i-xxx, 1-863; col. front. (anatomical; by R. W. Shufeldt), text-figs. 1-561.

Contents—Title; ded. to S. F. Baird; conts.; historical pref., pp. xi-xxx (a valuable contribution; still the most concise and authoritative review of American ornithology up to Baird), followed by an unheaded "Preface proper" on pp. xxvi-xxx; text, pp. 1-830, in 4 parts, parts I and II, field ornithology (pp. 1-58) and general ornithology (pp. 59-236) as described in title, part III, the "systematic synopsis of North American birds" (pp. 237-820), part IV dealing with fossil birds (pp. 821-830); index, pp. 831-863.

The second edition, entirely rewritten and virtually a new work (first edit., 1872; No. 575). The historical preface appears for the first time; the excellent account of field ornithology, here slightly condensed, appeared originally in 1874 as

pp. 5-116 of Coues' *Field ornithology* (No. 583); "General ornithology" is a much-expanded version of similar matter introducing the first edition; nomenclature and numbering of species is essentially that of the author's *Check list* of 1882 (No. 581); the main text is improved and much enlarged. Further impressions of this edition, labelled "third" and "fourth" editions, appeared with slight additions in 1887 (No. 577) and 1890.

Wood, 303. Reviewed: *Auk*, 1884:282-283 (J. A. Allen).

577. 1887. **Key / to / North American Birds.** / Containing a concise account of every species of living and fossil / bird at present known from the continent north of the / Mexican and United States boundary, inclusive / of Greenland and Lower California, / with which are incorporated / general ornithology: / an outline of the structure and classification of birds; / and / field ornithology, / a manual of collecting, preparing, and preserving birds. / **The Third Edition,** / exhibiting the new nomenclature of the American Ornithologists' Union, and / including descriptions of additional species, etc. / By Elliott Coues, A.M., M.D., Ph.D., / [*Honors, 6 lines*] / Profusely illustrated. / [*Monogram*] / Boston: / Estes and Lauriat. / 1887.

(24.7 × 16.8 cm). Pp. i-x, ²i-iv, xi-xxx, 1-895; col. front., text-figs. 1-561.

Contents—As in No. 576, with the substitution of a new title, a new pref. (inserted between pp. x and xi), and the addition of an appendix (pp. 865-895) "exhibiting the nomenclature of the American Ornithologists' Union Check-list [first edit., 1886; No. 62] in comparison with that of the key [the two versions in parallel columns], and including descriptions of additional species, etc."

This the so-called third edition is from the same type as the second edition, being another impression thereof with the additions noted above. Another impression appeared in 1890, with no change other than the addition of a second appendix (pp. 897-907) illustrating recent changes in nomenclature, etc. Also in the Ellis collection is an issue wanting the title-page, but containing "Preface to the fourth edition" (following p. x, stating "the only change in the present edition is the addition of a Second Appendix"), and the "Second Appendix" (pp. 897-907, dated April, 1890). Issues of the 4th ed. are listed in the *National Union Catalog* with dates 1890, 1892, 1894 and 1896.

Wood, 303; Zimmer, 148. Reviewed: *Auk*, 1888:101-104 (J. A. Allen).

578. 1903. **Key / to / North American Birds.** / Containing a concise account of every species of living and fossil / bird at present known from the continent north of the / Mexican and United States boundary, inclusive / of Greenland and Lower California, / with which are incorporated / general ornithology: / an outline of the structure and classification of birds; / and / field ornithology, / a manual of collecting, preparing, and preserving birds. / **The Fifth Edition,** / (entirely revised) / exhibiting the nomenclature of the American Ornithologists' Union, and including / descriptions of additional species / in two volumes. / Volume I [II]. / By Elliott Coues, A.M., M.D., Ph.D., / Late Captain and Assistant Surgeon

U.S. Army [*Etc.*, 5 lines]. / Profusely illustrated. / [*Monogram*] / Boston: / Dana Estes and Company. / 1903.

2 vols. (24.2 × 15.8 cm).

Vol. I: pp. [2], i-xli [xlii], 1-535; col. front. (by L. A. Fuertes), 1 plate (photogr. portr. of Coues), text-figs. 1-353, 1 decor.

Vol. II: pp. i-vi, 537-1152; col. front. (by Fuertes), text-figs. 354-747.

Contents—Vol. I: title; ded.; publisher's pref. to "5th revised" edit.; Coues' prefs. to "4th" and "3rd" edits.; historical pref., pp. xi-xxx; conts.; necrology of Coues (by D. G. Elliot), pp. xxxv-xli; text, pt. I (pp. 1-58) dealing with field ornithology, pt. II (pp. 59-241) with general ornithology, and pt. III (pp. 243-535) commencing the systematic synopsis of North American birds, constructed as in earlier edits. but improved and expanded. Vol. II: title; conts.; text, concluding the synopsis, pp. 537-1086; fossil birds, pp. 1087-1097; index, pp. 1099-1144; appendix (by J. A. Farley), pp. 1145-1152, comparing in parallel columns nomenclature of the "key" and that of the A.O.U. *Check-list* as modified by its 10th, 11th, and 12th supplements (*Auk*, July nos., 1901-1903).

The third major version (and true edition) of Coues' *Key* (first edit., 1872; No. 575), being nearly a new work and the best edition. The text was expanded and largely rewritten to eliminate previous errors and incorporate new findings, and many illustrations were added. The work was published posthumously, from manuscript left by Coues and edited by Farley. The "sixth edition," 1927 (No. 579) is another impression of the present, with minor additions.

Wood, 303; Zimmer, 149-150. Reviewed: *Auk*, 1904:292-296 (J. A. Allen).

579. 1927. **Key to North American Birds.** [*As No. 578, 28 lines*] / The Page Company / Publishers.

Collation and contents—As in the so-called fifth revised (actually third) edit. of 1903 (No. 578), and from the same type, with the addition of an amended title-leaf (the recto as transcribed above, and the verso showing C. H. Simonds Company as printer, in place of John Wilson and Son, and the added legend "Made in U.S.A. Sixth Edition, June, 1927") and a two-page pref. (by T. S. Palmer, dated May 9, 1927) to the "sixth edition," and the insertion (as suggested by J. A. Allen in reviewing the edit. of 1903) at the end of vol. I of an unpagged duplicate of the index and appendix.

580. 1873-74. **A / check list / of / North American Birds.** / By / Elliott Coues. / Salem. / Naturalists' Agency. / 1873.

(17.5 × 12.7 cm). Pp. 1-137, 1-3.

Contents—Title; introductory note; check list proper, pp. 5-117, listing 635 numbered species and a number of additional subspecies, with scientific and common names and authorities for the former; extinct species, pp. 119-121; "Appendix / containing / additions and corrections / to the check list," pp. 123-137; advt. of

the first edition of the author's *Key to North American birds*, pp. 1-3. Pp. 1-137 printed on odd-numbered pages only.

A useful check list in its day and one of the few such available in convenient form before publication of the first edition of the American Ornithologists' Union *Check-list* in 1886 (No. 62). According to Coues (p. 123 of the *Check-list*): "The body of the List was printed, and some early copies were distributed, in Dec., 1873; but the publication of the volume was held over until 1874, to insert in the Appendix names then about being published." The list appeared also in the author's *Field Ornithology* of 1874 (No. 583), and an enlarged, revised edition appeared in 1882 (No. 581). Inscription on title-page: A. K. Fisher, May 18, 1874.

Coues, pt. 1, 694-695; Wood, 302; Zimmer, 143.

581. 1882. **The / Coues check list / of / North American Birds. / Second Edition, / Revised to Date, and entirely Rewritten, under Direction of the Author, / with a dictionary of the / etymology, orthography, and orthoepy / of the / scientific names, / the concordance of previous lists, and a catalogue of his / ornithological publications. / [Monogram] / Boston: / Estes and Lauriat. / 1882.**

(24.6 × 17.0 cm). Pp. 1-165 [166], [2].

Contents—Title; introd.; analysis of the two edits., pp. 5-10; remarks on the use of names, pp. 11-21; explanations, p. 22; check list proper, pp. 23-134, giving scientific names of 878 numbered species and subspecies, with authorities for scientific names and combinations thereof and references to the earlier catalogues of Baird, 1858 (No. 141; cf. Zimmer, p. 32), Coues, 1873-74 (No. 580), and Ridgway, 1880 (*Proc. U.S. Nat. Mus.*, 3:163-246); addenda, 10 more species, pp. 135-136; list of words defined, pp. 137-144; appendix ("Appendix. / Catalogue of the author's ornithological / publications, 1861-1881."), pp. 145-165; advt. of publisher, 1 leaf. In the portion devoted to the check list, the lower half of each page contains, under corresponding numbers, the classical derivations of the names given above.

A useful check list in its day, though long out of date. An innovation in this second edition is the erudite treatment of the etymology of the names of North American birds, for which the work is still valuable. The first edition (No. 580) appeared in 1873-74. For a more complete bibliography of Coues, including that contained herein, see Allen, J. A., *Biogr. Mem. Nat. Acad. Sci.*, 6:426-446, 1909. The Ellis copy, in what is apparently the publisher's binding, bears the title "The Coues Check List and Ornithological Dictionary" on the front board, and "The Coues Check List and Lexicon of N.A. Birds" on the spine.

BMNH, I:393; Wood, 303; Zimmer, 147. Reviewed: *Bull. Nuttall Orn. Club*, 1882:111-112 (William Brewster).

582. 1874. Department of the Interior. / United States Geological Survey of the Territories. / F. V. Hayden, U.S. Geologist-in-Charge. / Miscellaneous Publications—No. 3 / **Birds of the Northwest: / a hand-book / of / the ornithology / of the / region drained by the Missouri River / and its tributaries. / By Elliott Coues, /**

Captain and Assistant Surgeon U.S. Army. / Washington: / Government Printing Office. / 1874.

(22.6 × 14.5 cm). Pp. i-xi [xii], 1-791.

Contents—Title; conts.; introd., pp. v-xi; text, pp. 1-737, giving, for each species then known from the area named in title, extensive synonymy, locality records, observations from journals of participants in the Hayden surveys, etc., with occasional keys and many lists of specimens; index, pp. 738-791. A number of generic and specific names date from the work.

In its time an excellent and authoritative treatment of the subject, dealing, indeed, with most of the species of North America. Despite a statement by Robert Ridgway (*Bull. U.S. Geol. and Geogr. Surv. Terr.*, 1:57, 1875) that it was not published until February, 1875, Coues declared in the bibliography appended to his check-list of 1882 (No. 581, p. 154) that it was published in December, 1874, adding that 214 rebound and retitled copies were issued at Boston by Estes and Lauriat in 1877.

Coues, 1:702 (extensive account); Wood, 302; Zimmer, 143-144. Reviewed: *Ibis*, 1875:494-498 (see Coues, just cited, for further reviews).

583. 1874. **Field / ornithology.** / Comprising a / manual of instruction / for / procuring, preparing and preserving birds, / and a / Check List of North American Birds. / By / Dr. Elliott Coues, U.S.A. / [*Monogram*] / Salem; / Naturalists' Agency. / Boston: Estes & Lauriat. / New York: Dodd & Mead. / 1874.

(22.5 × 14.4 cm). Pp. i-iv, 1-116, ²1-137, ³1-3; 1 text-figure.

Contents—Title; conts.; “preliminary and explanatory,” pp. 1-4; “manual of instruction,” being a guide to collecting techniques, pp. 5-112; appendix thereto, pp. 113-116; half-title to check list, p. ²1; note, p. ³3; check list, pp. ²5-137 (pp. ²1-137 printed on odd-numbered pp. only); advt., pp. ³1-3.

The first edition of Coues' well-known practical account of “field ornithology,” omitted for lack of space from the first edition (No. 575) of his famous *Key*, but later expanded and incorporated into the second (No. 576) and further editions of that work, as well as into his *Handbook of field and general ornithology* (No. 586). The present work also contains a reprinting, without change, of the first edition of the author's *Check list* of 1873-74 (No. 580).

Wood, 302; Zimmer, 144. Reviewed: *Ibis*, 1874:458.

584. 1878. Department of the Interior / United States Geological Survey of the Territories / F. V. Hayden, U.S. Geologist-in-Charge / Miscellaneous Publications—No. 11 / **Birds of the Colorado Valley** / A repository of / scientific and popular information / concerning / North American ornithology / by Elliott Coues / [*Quot.*] / Part first / Passeres to Laniidae / Bibliographical Appendix / Seventy Illustrations / Washington / Government Printing Office / 1878.

(22.7 × 14.7 cm). Pp. i-xvi, 1-807; text-figs. 1-66, 3 vignettes.

Contents—Title; letter of transmittal; prefatory note, by Hayden, pp. v-x; conts.; list of illustrs.; text, pp. 1-565, including discussion of included families, subfamilies, and genera and providing for each species treated detailed synonymies, descriptions in Latin and English, and extensive commentary on distribution and habits—all North American members of the groups covered are discussed, although some extra emphasis is awarded forms of the Colorado Valley; bibliographic appendix “List of faunal publications relating to North American ornithology” (see also No. 585), pp. 567-784 (also bearing a second pagination, 1-218); index, pp. 785-807.

The ornithological matter forms part one of an ambitious, detailed, and excellent work, which was carried no further toward completion. The bibliographical appendix was the first part of a project in ornithological bibliography later carried to four instalments (see No. 585). Present in the Ellis collection are issues in brown, dull red, and green publisher’s cloth.

Zimmer, 144-145. Reviewed: *Bull. Nuttall Orn. Club*, 1879:54-57 (J. A. Allen).

585. 1878-1880. [Universal Bibliography of Ornithology.]

4 pts. (21.6 × 14.1 cm). 980 pp. in all, variously paged and issued.

[Part 1] “List of faunal publications relating to North American ornithology.” Pp. 567-784. Extract from the author’s *Birds of the Colorado Valley* (No. 584). Contains approximately 1,000 titles, chronologically arranged, from 1612 to 1878, and cross-indexed by author and locality.

[Part 2] “Second Instalment of American Ornithological Bibliography.” Pp. 239-330 of *Bulletin of the United States Geological and Geographical Survey of the Territories*, vol. V, no. 2, Article XVII. 3 copies in the Ellis collection have added wrapper title as follows: Author’s edition. / Department of the Interior. / United States Geological and Geographical Survey. / F. V. Hayden, U.S. Geologist-in-Charge. / Second Instalment / of / American Ornithological / Bibliography. / By / Dr. Elliott Coues, U.S.A. / Extracted from the Bulletin of the Survey, Vol. V, No. 2. / Washington, September 6, 1879. Approximately 700 titles, from 1648 to 1879, cross-indexed as above, covering faunal publications relating to the ornithology of the rest of the Americas.

[Part 3] “Third Instalment of American Ornithological Bibliography.” Pp. 521-1066 of the *Bulletin of the United States Geological and Geographical Survey of the Territories*, vol. V, no. 4, Article XXVI, 1879. Several thousand titles (restricted, according to the author, to those related to American species), arranged systematically by families, then chronologically. Cross-indices projected for this instalment were never completed.

[Part 4] “Fourth instalment of ornithological bibliography: being a list of faunal publications relating to British birds.” Pp. 359-482 of the *Proceedings of the United States National Museum*, vol. II, 1879. Three copies in the Ellis collection have added title-page as follows: Fourth instalment / of / ornithological bibliography: / being a / list of faunal publications / relating to / British birds. / By Elliott Coues, M.D., Ph.D., / Captain and Assistant Surgeon United States Army, [Etc., 5 lines] / [Extracted from the Proceedings of the United

States / National Museum, vol. II.] / Washington: / Government Printing Office. / May 31, 1880.

All published of the most ambitious attempt at a universal bibliography of ornithology ever undertaken, and perhaps the most scholarly effort of its kind in the literature of zoology (see *Bull. Nuttall Orn. Club*, 1879:176-178). The supplied title is that used by Coues in prefatory remarks to each of the four parts; the work is also referred to as the "Ornithological Bibliography." Coues' bibliographic descriptions were prepared with great care, almost all at first hand, and were exceptionally complete for their time. He brought to the task of discussion, criticism, and evaluation of content a combination of classical and ornithological erudition rarely equalled and quite possibly never excelled.

The work was published only in parts, as cited above, and, at least in the case of the second part, in an "author's edition" distinguished by specially titled paper covers. Zimmer transcribes the titles and half-titles of the whole volumes and appropriate numbers of the various serials in which the instalments were published, in addition to the essential details of the four parts.

BMNH, I:394; Wood, 302-303; Zimmer, 144-147. Reviewed: *Bull. Nuttall Orn. Club*, 1879:54-57 (J. A. Allen), 175-178 (tributes by the most distinguished zoologists of the day); 1880:40-41 (J.A.A.); 1881:44-46 (J.A.A.).

586. 1890. **Handbook / of / field and general / ornithology /** A manual of the structure and / classification of birds / with instructions for / collecting and preserving specimens / By / Professor Elliott Coues, M. A., M. D., etc. / [*Honors, 2 lines*] / Illustrated / London / Macmillan and Co. / 1890 / All rights reserved.

(22.5 × 14.5 cm). Pp. [8], 1-343; text-figs. 1-112 (woodcuts).

Contents—Half-title; title; publishers' pref.; conts.; text, in two parts, subtitled "Field Ornithology" (Part I, pp. 1-87) and "General Ornithology" (Part II, pp. 89-336), the first dealing with method and technique, the second with the definition, classification, and external and internal anatomy of birds; index, pp. 337-343.

With a few changes, the same as the corresponding subject matter in Coues' well known *Key* (second and later edits.; see Nos. 576-579), here published for the benefit of European, especially British, readers, and still a valuable introduction to the subjects covered.

Wood, 303; Zimmer, 148-149. Reviewed: *Ibis*, 1891:130.

COUES, ELLIOTT (1842-1899) and DANIEL WEBSTER PRENTISS (1843-1896)

587. 1883. **Avifauna Columbiana: /** being a / list of birds / ascertained to inhabit the / District of Columbia, / with the times of arrival and departure / of such as are non-residents, and / brief notices of habits, etc. / **The second edition,** / revised to date, and entirely rewritten. / By / Elliott Coues, M.D., Ph. D., / Professor of Anatomy in the National Medical College, etc., / and / D. Webster Prentiss, A.M., M.D., / Professor of Materia Medica and Therapeutics in the National Medical College, etc. / Washington: / Government Printing Office. / 1883.

(24.2 × 15.5 cm). Pp. 1-133; front., 1 plate, text-figs. 1-100, 4 fold. maps (3 col.).

Contents—Series title (note by S. F. Baird on v.); title; conts.; text, dealing with literature of the subject (pp. 7-10), location and topography (pp. 11-27), general character of avifauna (pp. 28-33), annotated list of species (pp. 33-110), recapitulation (pp. 111-118); game laws of the District (pp. 119-121); index (pp. 123-133). The series title reads: Department of the Interior: / U. S. National Museum. / 32 / Bulletin / of the / United States National Museum. / No. 26 / Published under the direction of the Smithsonian Institution. / Washington: / Government Printing Office. / 1883.

The "first edition" was published in 1862, when the authors were boys, in the *Annual Report of the Smithsonian Institution* for 1861, pp. 399-421. The present, much expanded edition was a valuable basic local fauna in its time and remains an interesting record of early conditions. The original list dealt with 225 tenable species, the present treating 248.

Wood, 303; Zimmer, 147. Reviewed: *Auk*, 1884:386 (J. A. Allen).

COWARD, THOMAS ALFRED (1867-1933)

588. 1912. **The / migration / of birds / by / T. A. Coward / Cambridge: / at the University Press / 1912. [*Decorative border*]**

(16.2 × 12.2 cm). Pp. i-ix [x], 1-137 [138], [2]; 4 maps.

Contents—Half-title; title; pref. to first edit. (dated 4 November 1911) and second edit. (25 September 1912); conts.; list of maps; text, pp. 1-130, in chapters I-XI, summarized from many authors and dealing in popular, entertaining style with factual and theoretical aspects of the subject; bibl., pp. 131-134; index, pp. 135-137; colophon, 1 leaf.

According to verso of title both first and second "editions" of this little book are dated 1912, but the "Preface to Second Edition," while mentioning the recent publication of Clarke (No. 526) and the recovery of a few more ringed birds, does not indicate that any revisions were made. Bookplate of P. Z. (Sir Percy Zachariah) Cox.

Wood, 304. Reviewed: *Ibis*, 1913:143-144.

589. 1920. **The birds / of the British Isles / and their eggs / by / T. A. Coward, F.Z.S., F.E.S. / Author of "Birds of Cheshire," [*Etc.*, 2 lines] / First series / comprising / families Corvidae to Sulidae / with / 242 accurately coloured illustrations / by Archibald Thorburn and others / reproduced from Lord Lilford's work / "Coloured figures of the birds of the British Islands" / and 65 photographic illustrations / by Richard Kearton / and others / Second impression / London / Frederick Warne & Co. Ltd. / and New York / (All rights reserved)**

(15.6 × 11.6 cm). Pp. i-vii [viii], 1-376; plate 1 (col. front.), plates 2-159 (95 col.).

Contents—Half-title (also carrying series title "The Wayside and Woodland Series"), title (on verso: first published, February 1920, second impression, March

1920), pref. (pp. 1-18), text (pp. 19-358), a hypothetical list of "reputed British birds" (pp. 359-367), and an index (pp. 368-376). Well illustrated with drawings by Thorburn and J. G. Keulemans, reproduced from the source mentioned in title, and by many good photographs. Numerous plates of eggs are taken from Hewitson's *Coloured illustrations of the eggs of British birds*.

A well-written and informative popular manual originally designed to fit in the pocket for field use, although the two or three series together would be a bit large for this purpose. There seem to have been several impressions and issues of the work (the Ellis collection also contains the 4th impression, 1923, with a list of alterations in nomenclature occasioned by the B.O.U. changes of April 1921, on p. [viii]; further issues appeared at least as late as the 1950's), and second (No. 590) and third series, under slightly different title (No. 594) were also published. Bookplate of Major General Sir Percy Zachariah Cox.

Zimmer, 151. Reviewed: *Ibis*, 1920:501-502.

590. 1920. **The birds / of the British Isles / and their eggs / by / T. A. Coward, M.B.O.U. / F.Z.S., F.E.S. / Author of "Birds of Cheshire," [Etc., 2 lines] / Second series / comprising / families Anatidae to Tetraonidae / with 213 accurately coloured illustrations / by Archibald Thorburn and others / reproduced from Lord Lilford's work / "Coloured figures of the birds of the British Islands" / and 69 photographic illustrations / by E. L. Turner, R. Kearton / and others / London / Frederick Warne & Co. Ltd. / and New York / 1920.**

(15.6 × 11.6 cm). Pp. i-vii [viii], 1-376; plate 1 (col. front.), plates 2-159 (95 col.).

Contents—Half-title (also carrying series title "The Wayside and Woodland Series"), title, pref., text (pp. 1-364), a hypothetical list of "reputed British birds" (pp. 365-367), and an index (pp. 368-376). A companion volume to No. 589.

For description and literature, see No. 589. The Ellis collection also contains the 2nd edit., 1923, with a preface incorporating the 1921 B.O.U. changes. Bookplate of Major General Sir Percy Zachariah Cox.

591. 1922. **Bird haunts / and / nature memories / by / T. A. Coward / M. Sc., F.Z.S., F.E.S., M.B.O.U. / Author of / "The birds of the British Isles and their eggs," / [Etc., 3 lines]. / With / frontispiece by Archibald Thorburn / and photographic illustrations / [Publisher's device] / London / Frederick Warne & Co. Ltd. / and New York / All rights reserved / 1922.**

(19.8 × 13.4 cm). Pp. i-ix [x], 1-214; front., 23 half-tone plates.

Contents—Half-title; title; pref.; conts.; list of illustrs.; text, pp. 1-209, in 19 unnumb. chapters charmingly written and dealing with miscellaneous British localities and subjects, largely ornithological; index, pp. 211-214.

A pleasant little book, much of which earlier appeared piecemeal in such sources as the *Manchester Guardian* and the *Westminster Review*. Leather bookplate of PZC (Sir Percy Zachariah Cox).

Wood, 304. Reviewed: *Ibis*, 1923:167-168.

592. 1923. **Birds and their / young / by / T. A. Coward, M. Sc., M.B.O.U., etc. / Author of / "The Birds of the British Isles and their Eggs" / [Etc., 2 lines]. / Illustrated by / Roland Green, F.Z.S. / London / Gay & Hancock Limited / 34 Henrietta Street, Covent Garden, W.C.2 / 1923 / All Rights Reserved.**

(24.9 × 18.8 cm). Pp. i-viii, 1-151; col. front., 43 plates (11 col., 32 line-drawings).

Contents—Half-title; title; conts.; list of illustrs.; text, pp. 1-145, in chapters I-XII, dealing with various phases of the breeding behavior of birds in popular fashion and with many examples; index, pp. 146-151.

A handsomely produced book for the beginner and lay reader. Leather bookplate of PZC (Sir Percy Zachariah Cox).

Wood, 304. Reviewed: *Ibis*, 1924:170.

593. 1923. **Life / of the / wayside and woodland / when, where, and what to / observe and collect / by / T. A. Coward, M.Sc., F.Z.S., F.E.S., M.B.O.U. / Author of / "The birds of the British Isles and their eggs" / [Etc., 2 lines]. / With / 128 illustrations from photographs / 40 of which prepared in colour / By W. J. Stokoe / And 11 By Thomas Baddeley / London / Frederick Warne & Co. Ltd. / and New York / 1923 / (All rights reserved).**

(15.6 × 11.6 cm). Pp. i-viii, 1-216; plate 1 (col. front.), plates 2-111 (47 col.; 15 ornith.; plates printed both sides).

Contents—Half-title (also carrying "The Wayside and Woodland Series"); title; foreword; pref.; introd., pp. 1-8; text, pp. 9-206, containing suggestions and instructions for study of many forms of life, arranged under subjects and seasons (much reference to birds); references, pp. 207-208; index, pp. 209-216.

Doubtless a useful and stimulating little book for a beginning general naturalist, scouts, hobbyists, etc. Leather bookplate of PZC (Sir Percy Zachariah Cox).

Wood, 304.

594. 1926. **The birds of the / British Isles / by / T. A. Coward, M.Sc., F.Z.S., F.E.S. M.B.O.U. / Author of / "Birds of Cheshire," [Etc., 2 lines] / Third series / comprising / their migration and habits / and / observations on our rarer visitants / with / 68 accurately coloured illustrations / by Archibald Thorburn and others / reproduced from Lord Lilford's work / "Coloured figures of the birds of the British Islands" / and 68 photographic illustrations / London / Frederick Warne & Co. Ltd. / and New York / (All rights reserved).**

(15.6 × 11.6 cm). Pp. i-xi [xii], 1-308; plate 1 (col. front.), plates 2-127 (62 col.).

Contents—Half-title (also bearing "The Wayside and Woodland Series"); title (copyright notice, dated 1926, on v.); poem; pref.; conts.; introd., pp. 1-12; text, with general matter on migration, nomenclature, etc. (pp. 13-75), an annotated list of British birds, emphasizing migration, etc. (pp. 76-243), a list of forms recorded since 1920 (pp. 244-250), and a brief list of British birds (pp. 251-299); references, pp. 300-301; index, pp. 302-308. Well illustrated.

A continuation of the author's *The birds of the British Isles and their eggs*, of which the first two series were published in 1920 (Nos. 589 and 590), treating anew, and with special regard to migration, the species there discussed. Leather bookplate of PZC (Sir Percy Zachariah Cox).

Wood, 304. Reviewed: *Ibis*, 1927:147.

595. 1927. **Bird life / at home and abroad / with other nature observations / by / T. A. Coward / M.Sc., F.Z.S., F.E.S., M.B.O.U. / Author of / "The birds of the British Isles and their eggs," [Etc., 2 lines]. / With / frontispiece by Archibald Thorburn / and 24 photographic illustrations / [Publisher's device] / Frederick Warne & Co., Ltd. / London and New York / All rights reserved.**

(19.6 × 13.4 cm). Pp. i-xi [xii], 1-242, [2]; col. front., 24 half-tone plates.

Contents—Advt.; half-title; title (copyright notice, dated 1927, on v.); pref.; conts.; list of illustrs.; text, pp. 1-237, in chapters I-XVII; index, pp. 239-242; colophon, 1 leaf.

The plan of this popular and attractive work is similar to that of the author's earlier *Bird haunts and nature memories* (No. 591). Several of the chapters appeared earlier in miscellaneous journals. Leather bookplate of PZC (Sir Percy Zachariah Cox).

Wood, 304. Reviewed: *Ibis*, 1927:533-534.

COX, NICHOLAS (*fl.* 1673-1721)

596. 1686. **The / gentleman's / Recreation: / In Four Parts, / viz. / Hunting, } { Fowling, / Wherein these Generous Exercises are / largely Treated
Hawking, } { Fishing. / and the Terms of Art for / Hunting and Hawking more amply / Enlarged
of, and the Terms of Art for / Hunting and Hawking more amply / Enlarged
than heretofore. / Whereto is prefixt a large Sculpture, / giving easie Directions
for blowing the / Horn, and other Sculptures inserted / proper to each Recreation.
/ With an Abstract at the end of each Subject / of such Laws as relate to the same.
/ The Third edition, / With the Addition of a Hunting-Horse. / London: Printed
by Freeman Collins, for / Nicholas Cox. 1686.**

8vo (18.0 × 11.0 cm, severely trimmed). Pp. [16]; [2] 1-158; [2] 1-187 [188]; [2] 1-78; [2] 1-98.

Sigs.—A⁴ B-L⁸ M⁴ (M misbound with A), a-1⁸ m⁸(-m8), ²G-L⁸ (G4 mis-signed G5), ³A-F⁸ G².

Irregularities and variants—The preliminary matter was (as is often the case) printed as a single octavo gathering signed as two gatherings of four leaves each. In the Ellis copy the two gatherings were not separated as intended but folded and bound as one. The resultant order is A1 (title), M1-2 (beginning of table of contents), A2-3 (beginning of dedicatory epistle to James, Lord Norreyes), M3-4 (remainder of table of contents), and A4 (end of dedicatory epistle).

Contents—Main title, 1 leaf; conts. to the four parts and *The Hunter*, 4 leaves

(M1-4); ded., 3 leaves (A2-4); text, in four parts, with appendix, each with title (included in signatures but excluded from pagination, except for title to part 3, pagination of second and third parts being continuous). Pagination as follows: first part (hunting), pp. 1-158; second part (falconry), pp. 1-98; third part (fowling), pp. 99-187; fourth part (fishing), pp. 1-78; *The Hunter. A discourse of horsemanship: Directing the right way to breed, keep, and train a horse, for ordinary Hunting and Plates*. [By Gerard Langbaine] Oxford, Printed by L. Lichfield, Printer to the University, for Nicholas Cox, 1685, pp. 1-98. Pp. 154-182 of part 3 are devoted to a discussion of the care and natural history of 17 species of British "song birds," and other ornithological matter occurs under both Falconry and Fowling.

The third edition of a work quite creditable for its time, although containing comparatively little purely ornithological matter. The first edition appeared in 1674, and others followed in 1677, 1686, 1697, 1707, 1721, etc. (Mullens and Swann). Much of the work, most editions of which are said to be rare, is based on other authors (see Harting).

Harting, 37-39 (falconry only); Mullens and Swann, 153-154; Schwerdt, 122-123. None of these sources describe the present edition.

CRANZ, DAVID, 1723-1777

597. 1770. David Cranz / *Historie / von / Grönland / enthaltend / Die Beschreibung des Landes und / der Einwohner &c. / insbesondere / die / Geschichte / der dortigen / Mission / der / Evangelischen Brüder / zu / Neu-Herrnhut / und / Lichtenfels. / Zweyte Auflage. / Mit acht Kupfertafeln und einem Register. / Barby bey Heinrich Detlef Ebers, und in Leipzig / in Commission bey Weidmanns Erben und Reich. / 1770.*

2 vols., 8vo (17.7 × 10.9 cm).

Erster Theil: Pp. [34] 1-710; engr. fold. plates [I-II] III-VII.

Zweyter Theil: Pp. [2] 711-1132 [28].

Sigs.—Erster Theil: a-b⁸ χ1 A-Xx⁸ Yy1-3; 372 leaves. Zweyter Theil: 2χ1 Yy4-8, Zz-Cccc⁸ Dddd⁴; 226 leaves.

Contents—Erster Theil: title, a1 (v. blank); Vorrede (dated 21 August 1765), a2^r-b6^v; Erklärung der Kupfertafeln, b7^r-b8^r; part one of text (prefaced by volume half-title), A-Yy3^v (pp. 1-710), dealing with various aspects of the geography and history of Greenland, in books 1-7 each with its own Inhalt. The second book, pp. 91-172, deals with zoological matters (mammals, birds, fish), land birds being discussed on pp. 101-106 and water birds on pp. 106-119. Zweyter Theil: volume half-title, 1 leaf; continuation of text, Yy4^r-Bbbb6^v (pp. 711-1132), in books 8-10, each preceded by Inhalt; Register, Bbbb7^r-Dddd4^r; Nota für den Buchbinder (which indicates that a third volume half-title was printed, but was to be discarded if the book were bound in only two volumes), Dddd4^r (Dddd4^v blank).

The second (German) edition (first edit., Barby, Leipzig, 1765, 8vo, pagination similar) of a well-known work of travel and history, of interest to students of a

variety of subjects. The ornithological information, obtained at first hand, is rather extensive and useful for a work of this period and scope, dealing in some detail with the birds of Greenland in an early day. The work appeared in various editions and translations, being published in London in 1767, 1780, and 1820, and in Holland in 1767 (No. 598). A continuation, published in 1770 (No. 599), is bound with the second vol. of the present copy.

Allen, 514-515 (hist.); BMNH, I:398; Coues, pt. 1, pp. 582, 605 (crit.); Cox, II:18; Wood, 305 (reference to a "2nd edit.," Leipzig, 1782, probably having in mind the incorporation of information up to 1779).

598. 1767. *Historie / van / Groenland / behelzende / Eene nauwkeurige Beschrijvinge / van / 's Lands ligging, gesteldheid, en natuurlijke Zeldzaamheden; / den Aart, Zeden en Gewoonten / Der Inwooneren aan de West-zijde bij de / Straate Davis; / 's Lands aloude en nieuwe Geschiedenisse; / en in 't bijzonder / de Verrichtingen der Missionarissen / van de / Broeder-Kerk, / door welken / Twee Gemeenten van bekeerde Heidenen / aldaar gesticht zijn. / Alles in eigen Perzoon onderzocht en opgesteld / door / David Cranz. / Met Plaatens versierd, in III. Deelen / uit het Hoogduitsch vertaald. / Te*

{	Haarlem bij C. H. Bohn,	}
{	Amsterdam bij H. de Wit,	}

Boekverkoopers. / 1767.

3 vols., 8vo (21.8 × 13.2 cm).

I. Deel: pp. i-xxxiv, 1-356; engr. fold. plates [I]-[II], III-IV, V-VI (1 plate), VII-XI.

II. Deel: pp. [2], 1-282.

III. Deel: pp. [2], 1-382, [2]; engr. fold. plates XIII, XII, XIV.

Sigs.—I. Deel: *_*_*_*8 *_*_*_*4(-*_*_*_*4, with no loss of text) A-Y⁸; 194 leaves. II. Deel: π1 A-R⁸ S⁴ T1; 142 leaves. III. Deel: π1 A-Aa⁸; 193 leaves.

Contents—Volume half-title; title (I. Deel only); foreword and author's pref. (I. Deel); text, in 10 "books," each with its own list of contents. The first volume contains books I-IV, the second volume books V-VII, and the third volume books VIII-X. Ornithological matter appears in book II, pp. 84-100. Two appendices (III. Deel, pp. 358-382); explanation of plates and corrigenda (III. Deel, last leaf).

For history, nature, and importance of the work see No. 597. On front free endpaper of each volume: C. Hart Merriam.

599. 1770. *Fortsetzung / der / Historie / von / Grönland / insonderheit / der / Missions- / Geschichte / der / Evangelischen Brüder / zu / Neu-Herrnhut / und / Lichtenfels / von 1763. bis 1768. / nebst beträchtlichen / Zusätzen und Anmerkungen / zur natürlichen Geschichte / von / David Cranz. / Barby, / bey Heinrich Detlef Ebers, und in Leipzig in Com- / mission bey Weidmanns Erben und Reich. / 1770.*

8vo (17.7 × 10.9 cm). Pp. [I2] 1-360 [I2].

Sigs.—a⁶ A-Z⁸ χ²; 192 leaves.

Contents—Title, a1^r (v. blank); Vorrede (dated 1 March 1770), a2^r-a6^v; text, with Inhalt, etc., A-Z4^v (pp. 1-360); Register, Z5^r-χ2^v; Corrigenda, χ2^v. Text in 4 sections, with reference to birds on pp. 287-288 (further comments on the ornithology of Greenland as presented in the author's *Historie von Grönland*; No. 597) and 307 (remarks on the birds of Labrador).

The first edition of a continuation and supplement to Cranz's *Historie von Grönland* (No. 597), the present copy is bound with the second vol. of the second German edition of that work.

CRAWFURD, OSWALD JOHN FREDERICK (1834-1909)

600. 1895. **A year of sport / and / natural history /** Shooting, hunting, coursing, falconry / and fishing / With chapters on / birds of prey, the nidification of birds / and the habits of British wild / birds and animals / Edited by / Oswald Crawford / With numerous illustrations / by / Frank Feller, Bryan Hook, Cecil Aldin, A. T. Elwes, E. Neale, / John Beer, P. Vienzeny, Stanley Berkeley, / and G. E. Lodge / London—Chapman and Hall, Limited / 1895. [*Title in red and black.*]

(28.0 × 22.7 cm). Pp. [i-ix] × [xi-xii] 1-331 [332]; half-tone front. and 32 half-tone plates (all included in pagination and sigs.), 25 half-tone text-figs. (the 2 ornith. plates and 25 ornith. figs. by Elwes, Hook, Lodge, and Neale).

Contents—Half-title; title; pref.; conts.; list of illustrs.; text, pp. 1-331, in 12 sections according to the months of the year; printer's imprint, p. [332]. Aside from several sub-sections devoted to hunting various game birds, there is informal ornithological matter on birds of prey (pp. 64-91, by Aubyn Trevor-Battye), "bird nesting" (pp. 92-110, by Tegetmeyer; and pp. 111-117, by Trevor-Battye), and falconry (Rabbit hawking, pp. 219-226, and Partridge hawking, pp. 243-250; by Harting).

An informal work of no special ornithological importance.

Mullens and Swann, 155; Wood, 305.

CRONISE, TITUS FEY

601. 1868. **The / natural wealth / of / California /** comprising / early history; geography, topography, and scenery; climate; agriculture and commercial / products; geology, zoology, and botany; mineralogy, mines, and mining pro- / cesses; manufactures; steamship lines, railroads, and commerce; / immigration, population and society; educational in- / stitutions and literature; together with / a detailed description of each county; / its topography, scenery, cities and towns, agricultural / advantages, mineral resources, and / varied productions. / By / Titus Fey Cronise. / San Francisco: / H. H. Bancroft & Company. / New York: 113 William Street. / 1868.

(25.5 × 17.3 cm). Pp. i-xvi, 1-696 [697-698]; engr. front., 15 engr. plates (none ornith.).

Contents—Half-title; title; introd.; conts.; text, pp. 1-684, in chapters I-XIII. Zoology is dealt with in chapter VII (pp. 434-501), the section evidently having been prepared by J. G. Cooper (*cf.* Grinnell), pp. 448-480 briefly discussing 353 species of birds with mention of their status in California; index, pp. 685-696; publisher's advt., pp. 697-698.

An early account of California; ornithology as indicated above.

Grinnell, 1909:21; Wood, 305.

CROZET

602. 1783. *Nouveau voyage / a la / Mer du Sud, / Commencé sous les ordres de M. Marion, Chevalier / de l'Ordre royal & militaire de S. Louis, Capitaine / de brûlot; & achevé, après la mort de cet Officier, / sous ceux de M. le Chevalier Duclesmeur, Garde / de la Marine. / Cette Relation a été rédigée d'après les Plans & Journaux / de M. Crozet. / On a joint a ce voyage / Un Extrait de celui de M. de Surville / dans les mêmes Parages. / [Orn.] / A Paris, / Chez Barrois l'aîné, Libraire, quai des Augustins. / M. DCC. LXXXIII. / Avec Approbation, et Privilège du Roi.*

8vo (19.5 × 12.2 cm). Pp. [i-ii] iii-viii, 1-290 [291-292]; engr. plates 1-7 (plate 7 fold.).

Sigs.—a⁴ A-S⁸ T²; 150 leaves.

Contents—Title, a1^r (p. i); Discours préliminaire, a2^r-a4^v (p. iii-viii); text, A-T1^v (pp. 1-290), being a narrative of the voyage in question, with scattered reference to birds more or less throughout; privilège, T2^r (p. 291).

For further discussion of the work see the English translation of 1891 (No. 603). Bookplate of F. Hobill Cole, M.D.

Cox, II:309.

603. 1891. *Crozet's voyage / to / Tasmania, New Zealand / the / Ladrone Islands, and the Philippines / in the years 1771-1772 / translated by / H. Ling Roth / Author of "The Aborigines of Tasmania," "A Sketch of the Peasantry / of Eastern Russia," etc., etc. / With a preface and a brief reference to / the literature of New Zealand / by / Jas. R. Boosé / Librarian of the Colonial Institute / Illustrated / London / Truslove & Shirley, 143, Oxford Street, W. / 1891.*

(21.7 × 14.2 cm). Pp. [2], i-xxiii [xxiv], 1-148; plates 1 (front.), 2-7 (variously prepared; none ornith.), 1 fold. diagram, 1 fold. map, text-figs. 1-21.

Contents—Advt., 1 leaf; half-title (statement of limitation on verso); title; pref.; list of plates; list of text-figs.; conts.; introd., pp. 1-4; text, pp. 5-115, under unnumbered subheadings; appendices I-III, pp. 117-135; index, pp. 137-148. Casual reference to birds is frequent through most of the text.

An interesting account of an important voyage of discovery performed in 1771-1772. The ornithological notes are vague but may in some cases be of interest to

historically-minded ornithologists. The French original, prepared by Abbé Rochon from papers of Crozet, appeared at Paris in 1783 (No. 602). No. 147 of 500 copies.

BMNH, I:403; Cox, II:309.

CRUICKSHANK, ALLAN DUDLEY

604. 1942. *Birds around New York City / Where and when to find them / by / Allan D. Cruickshank / with the cooperation of the / Department of Ornithology / of / The American Museum of Natural History / and / The Linnaean Society of New York / with / photographs by the author / The American Museum of Natural History / Handbook Series, No. 13 / New York / 1942. [Title-page also bears legend of front., opposite.]*

(20.0 × 14.0 cm). Pp. i-xvii [xviii], 1-489; photogr. front., photogr. plates 1-35 (numb. in legends).

Contents—Title (p. iii; front. on p. ii, p. i blank); ded.; pref., pp. vii-xiv; conts.; list of illustrs.; introd., pp. 1-47, describing habitats, phenology, etc.; text, pp. 48-476, being an annotated list of species providing average and extreme dates of occurrence, notes on special records, comments on habitat, etc.; index, pp. 477-489.

A thorough account of the subject, designed to replace an earlier handbook (No. 9) in the same series, Ludlow Griscom's excellent but outdated *Birds of the New York City region*, published in 1923 and still a valuable repository of earlier records.

Reviewed: *Auk*, 1942:592-593 (J. T. Nichols); *Wilson Bull.*, 1942:263-264 (R. T. Peterson).

CUNNINGHAM, ROBERT OLIVER (ca. 1840-1918)

605. 1871. *Notes on / the natural history / of the / Strait of Magellan / and west coast of Patagonia / made during the voyage of H.M.S. 'Nassau' / in the years 1866, 67, 68, & 69 / by / Robert O. Cunningham, / M.D., F.L.S., etc. / Naturalist to the expedition / With map and illustrations / Edinburgh / Edmonston and Douglas / 1871 / All rights reserved.*

(20.2 × 13.6 cm). Pp. i-xvi [xvii-xviii], 1-517; lith. front., 20 lith. plates (3 ornith.), 1 col., fold. chart.

Contents—Half-title; title; ded.; pref.; conts.; list of illustrs.; text, pp. 1-507, in chapters I-XV, with casual and sometimes fairly detailed references to birds scattered throughout (text in narrative form); index, pp. 509-517.

An informal account of the expedition, the scientific results of which were published elsewhere. Ornithological results were published, in part, by Sclater and Salvin in *The Ibis* (see 1868:183-189, 1869:283-286, 1870:499-504), and by the author in the *Journal of Anatomy*, 1869:487-489, and *Trans. Zool. Soc. London*, 7:493-501, 1871-72. On front free end-paper: W. Carruthers. Esqr. F.L.S.&c With the Author's kindest regards.

BMNH, I:406; Wood, 306.

CURTISS, R.

606. 1924. *An account / of / the natural history / of / New England and of Nova Scotia / and lower Canada / Of the Islands of the Coast between the / Gulf of St. Lawrence and the Bay of / New York; of the mountains wherein the / Hudson rises; and all eastward as far / as the Bay of Massachusetts. In so far / as it applies to beasts, birds, reptiles, / whales, fresh and salt water fish and / shellfish, worms, insects and pests. / By R. Curtiss / New York / Privately printed / 1924.* (19.6 × 13.1 cm). Pp. i-xxi 22-104.

Contents—Title; pref.; introd., pp. v-ix, dated Dec. 29, 1923; text, discussing the groups mentioned in title (shellfish on pp. x-xxi), birds being treated on pp. 28-51. For reasons unknown to me, the text (which is of no zoological consequence) is written in imitation of seventeenth or eighteenth century style.

A curious little book; according to verso of title, 100 copies were printed. Wood refers to a second edition.

Wood, 306.

CUVIER, GEORGES LÉOPOLD CHRÉTIEN FRÉDÉRIC DAGOBERT, *Baron*
(1769-1832)

607. (?1797)-1798. *Tableau / élémentaire / de l'histoire naturelle / des animaux. / Par G. Cuvier, / de l'Institut national de France, / Professeur d'Histoire naturelle à l'Ecole centrale / du Panthéon [Etc., 6 lines]. / A Paris, / Baudouin, Imprimeur du Corps législatif et de / l'Institut national, place du Carrousel, No. 662. / An 6.* 8vo (20.0 × 12.5 cm). Pp. i-xvi, 1-710; engr., fold. plates I-XIV (3 ornith.).

Sigs.—a⁸, A-Xx⁸, Yy⁴ (-Yy⁴, with no loss of text).

Contents—Half-title; title; pref., pp. v-xii; explication des figures; introd., pp. 1-22, being a general commentary on methods and natural principles; text, pp. 23-683, divided into eight books and many chapters representing the major divisions of the author's classification of animals and containing abundant and (for its times) thoroughly organized descriptive matter relating to these and lesser groups, particularly in respect to anatomy (birds treated in Livre troisième, pp. 181-279, chapitres I-VII, *viz.* De l'organisation . . . , Des oiseaux de proie, Des passereaux, Les oiseaux grimpeurs, Des gallinacés, Les oiseaux qui ne peuvent voler, Des oiseaux de rivage, et Les oiseaux nageurs ou palmipèdes); tables des noms français, et latins, pp. 684-710.

The present was a precursor of the several more elaborate works upon which Cuvier's fame was chiefly to rest, and in which the ideas and results of his orderly and extensive anatomical researches were to be presented in greater detail, *e.g.*, his *Leçons d'anatomie comparée* (No. 608), completed in 1805, and the first edition of the great *Règne animal*, 1816-17 (No. 609). "No conception," in Newton's words, "of what it was in the power of Comparative Anatomy to set forth" had occurred to even the most diligent of Cuvier's predecessors. Further: "His principles . . . are those which must still guide taxonomers, notwithstanding that they have in so

great degree overthrown the entire scheme which he propounded." Unfortunately for ornithology, most of Cuvier's investigations were applied to vertebrates other than birds, his classification of the latter class, although long influential (and here first made public), being based mainly on external characters. The present is the first edition of the *Tableau*. The work is said to have been reviewed on December 24, 1797 (Mathews), and may possibly have been published that early. It was published in German (8vo, Berlin) in 1800. No scientific names are used, but in the author's *Leçons d'anatomie comparée*, tome I, names are supplied for the diagnoses of the *Tableau* (Mathews).

BMNH, I:409; Mathews, 30; Newton, 14-15 (crit.); Wood, 307.

608. 1800(1799?)-1805. *Leçons / d'anatomie comparée / de G. Cuvier, / membre de l'Institut national, / [Etc., 2 lines]; / Recueillies et publiées sous ses yeux par / C. Duméril, chef des travaux anatomiques / de l'École de Médecine de Paris. / Tome II. / Contenant Les organes des sensations. / [Monogram] / Paris. / Baudouin, imprimeur de l'Institut / national des Sciences et des Arts. / An VIII.*

Titles of vols. III-V are almost wholly altered and are as follows (with vol. III serving as standard):

Leçons / d'anatomie comparée / de G. Cuvier, / Secrétaire perpétuel de l'Institut national, / [Etc., 2 lines]. / Recueillies et publiées sous ses yeux par / C. L. Duvernoy, D.M., membre-adjoint de / la Société de l'École de Médecine de Paris, / membre de la Société philomatique, etc. / Tome III. / Contenant La première partie des organes / de la digestion. / Paris. / Crochard, Libraire, rue de l'École de Médecine, n° 8. / Fantin, Libraire, quai des Augustins, n° 55. / Baudouin, imprimeur de l'Institut. / An XIV.—1805.

[Idem, 10 lines] / Tome IV. / Contenant La suite des organes de la / digestion et ceux de la circulation, / de la respiration et de la voix. / [Idem, 5 lines.]

[Idem, 10 lines¹] / Tome V. / Contenant Les organes de la génération / et ceux des sécrétions excrémentielles ou des excréments. / [Idem, 5 lines]

5 vols., 8vo (20.1 × 12.6 cm).

Tome I: wanting from Ellis set.

Tome II: pp. [4] 1-697 [698-700].

Tome III: pp. [4] i-xxviii, 1-558 [559-560].

Tome IV: pp. [4] i-xii, 1-539 [540-542].

Tome V: pp. [4] i-vii [viii], 1-368; engr. plates I-LII (4 ornith.).

Contents—Each vol. contains half-title, title, table des matières, terminal matter (Tome II: addenda, p. 698; errata, p. 699; advt., p. 700. Tome III: errata, p. 559-560. Tome IV: errata, pp. 539-542. Tome V: addenda to Tomes II-V, pp. 283-296; errata, p. 297; explanation of plates, pp. 298-368.), and text (remaining arabic-numb. pp.), broken down into "leçons" and lesser divisions, treating the nervous (Tome II), digestive (Tomes III and IV), circulatory (Tome IV), and urogenital systems (Tome V), with abundant reference to birds. Respectively, the vols. contain leçons

¹ Except semicolon replaces period after author's honors.

8-15, 16-21, 22-28, and 29-30. Tome I presumably contains general remarks and leçons 1-7, treating the skeletal and muscular systems.

The first edition of a historic and widely-known classic in comparative anatomy (*cf.* Nordenskiöld, p. 334). A revised and considerably augmented edition was published in 8 volumes at Paris, dated 1835-46, and there were various translations (BMNH). The dates of the first edition are given by Nordenskiöld, without comment, as 1799-1805, and Mathews refers to a notice of tomes I and II dated April 19, 1800—conceivably, at least tome I appeared as early as late 1799. Although evidently without descriptions, some new names date from a table in tome I of the work, since reference is made in the preface (see Mathews) to the diagnoses in the author's *Tableau élémentaire* (No. 607).

BMNH, I:409; Mathews, 30.

609. 1816-17. *Le / règne animal / distribué / d'après son organisation, / pour servir de base a l'histoire naturelle des ani- / maux et d'introduction a l'anatomie comparée. / Par M. le Ch^{er}. Cuvier, / [Honors, 5 lines] / Avec Figures, dessinées d'après nature. / Tome I [-IV], / contenant / l'introduction, les mammifères et les oiseaux [les reptiles, les poissons, les mollusques / et les annélides (*Tome II*); les crustacés, les arachnides et les insectes, / Par M. Latreille, de l'Académie des Sciences, etc. (*Tome III*); les zoophytes, les tables, et les planches (*Tome IV*)]. / A Paris, / Chez Deterville, Libraire, rue Hautefeuille, n^o. 8. / De l'imprimerie de A. Belin. / 1817.*

4 vols., 8vo (20.2 × 12.7 cm).

Tome I: pp. i-xxxvii [xxxviii], 1-540.

Tome II: pp. i-xviii, 1-532.

Tome III: pp. i-xxix [xxx], 1-653.

Tome IV: pp. i-viii, 1-255; engr. plates I-XV (plates III, IV ornith., by C. L. Laurillard).

Contents—Each vol. contains half-title, title, table méthodique, and text (of which pp. 1-70 of Tome I contain the introd.); in addition, Tome I contains pref., pp. v-xxviii, Tome III an avertissement, pp. v-xii, and Tome IV a list of authors cited (pp. 95-170), corrections and additions (pp. 171-179), explication des planches (pp. 181-190), and a table alphabétique (pp. 193-255). The text is arranged as indicated in title, pp. 290-540 of Tome I being devoted to general discussion, classification, and more or less detailed description of birds.

The first edition of Cuvier's *Règne animal*, which contains the author's fullest treatment of the class Aves. According to Mathews, the first volume was published before December 7, 1816. A considerable number of new names date from this and some of the later editions, any in editions after the second (there are none in the third, or "disciples" edit.) being attributable to authors other than Cuvier. A second edition, in 5 volumes, was published under Cuvier's supervision in 1829-30 (the "nouvelle édition"),* and the beautiful, so-called disciples' edition (No. 610) appeared 1836-1849. There are numerous further editions and translations, some of them considerably expanded, among the more important to ornithologists being

the German editions of 1821-25 (H. R. Schinz, ed.)* and 1831-43 (F. S. Voight, ed.)* and the English ones of 1827-35 (the so-called Griffith edit., ornithology by Edward Pidgeon, J. E. Gray, and William Swainson),* 1832 (No. 611) and 1834 (H. McMurtrie, ed.), and 1840 (ornithology by Edward Blyth).* Formerly in the Bibliothèque Cantonale de Vaud.

BMNH, I:410; Mathews, 30 (see also *Austral Avian Record*, 4:6, 1920); Nissen, no. 213; Ronsil, 119; Wood, 307.

610. 1838(1836?)-1843. **Le / règne animal / distribué / d'après son organisation, / pour servir de base à l'histoire naturelle des animaux, / et d'introduction à l'anatomie comparée, / par / Georges Cuvier. / Edition / accompagnée de planches gravées, / représentant / les types de tous les genres, / les caractères distinctifs des divers groupes et les modifications de structure / sur lesquelles repose cette classification; / par / une réunion de disciples de Cuvier, / Mm. Audouin, Blanchard, Deshayes, Alcide D'Orbigny, Doyère, Dugès, Duvernoy, Laurillard, / Milne Edwards, Roulin et Valenciennes. / Paris / Fortin, Masson et Cie, Libraires, / Successeurs de Crochard / Place de l'École-de-Médecine, N. I. / Imprimé chez Paul Renouard, / Rue Garancière, n. 5.**

Text volume half-title: **Les oiseaux. / Avec un atlas, / par M. Alcide d'Orbigny. / Texte.**

Plate volume half-title: **Les oiseaux. / Avec un atlas, / par M. Alcide d'Orbigny. / Atlas.**

2 vols. (27.2 × 18.0 cm).

Text: pp. [2], i-v [vi], 1-370; engr. general title.

Atlas: ff. [104]; engr. general title, plates 1, 2, and 1-100 (102 plates; plates 3, 7-100 col.; plate 5 fold.; by Verner, d'Orbigny, and [plates 7-100] E. Traviès).

Contents—Text and atlas each contain general title (engr.), series title, and vol. title. The text is said to be a verbatim reprint of the ornithology of the first volume of Cuvier's second, or nouvelle, edition (1828-29), and contains general comment on the "vertébrés ovipares," pp. i-v, les oiseaux, pp. 1-11, the classification thereof by orders, pp. 13-16, and discussion of the 6 orders recognized with, as in earlier edits., description of families, genera, species, etc., pp. 17-364. A "table méthodique" occupies pp. 365-370. The atlas contains a leaf of text for each plate (plates 1, 2, and 1-6 are anatomical), this evidently being the work of d'Orbigny. The excellent drawings of birds, by Traviès, are accompanied by illustrations of various anatomical details in each case.

The ornithological portion of the "disciples' edition" of the *Règne animal*, which was published in 11 units of text, each with atlas. This set is to be seen bound in various numbers of physical volumes; the Ellis copy is in 20 volumes. The entire work seems to have been published 1836-1849, and, if so, is correctly dated in BMNH. Sherborn (*Ann. Mag. Nat. Hist.*, ser. 9, 10:555, 1922), quoted by Zimmer, supplied "approximate" dates of publication of the various parts (the work was

* Titles marked by an asterisk are described by Zimmer, pp. 152-157.

published in 262 livraisons; *cf.* Engelmann) as determined by dates of receipt pencilled on a copy in the British Museum (Nat. Hist.) library, but some of the dates are probably misleading. In the present set, first volume (Mammifères), is bound a blue livraison wrapper inside which an unknown person (internal evidence points to the original purchaser of the set) on 28 April 1850 indicated in manuscript the dates of publication of the first and last livraisons to be 25 May 1836 and 22 December 1849 (the latter either in error or a date of receipt, since Sherborn gives no date so late). The following is printed: "A partir du 25 mai 1836, une livraison paraît régulièrement tous les quinze jours, 10 et 25 de chaque mois." Further, a disproportionately large portion of the work is dated 1838 by Sherborn, suggesting the possibility that the British Museum subscribed in that year, well after the beginning of publication. Since the various units of text appeared more or less simultaneously (*cf.* Sherborn), it is likely that the first livraisons of ornithological text (27 livraisons, concluded in 1843) appeared in 1836, and almost certainly before 1838. No new names are involved and the matter is of historical interest only.

BMNH, I:410; Engelmann, 320; Wood, 307; Zimmer, 156.

611. 1832. **The / animal kingdom, / arranged in conformity with its organization. /** By the Baron Cuvier, / Perpetual Secretary to the Royal Academy of Sciences, etc. etc. / Translated from the French, / and abridged / for the use of schools, &c. / by H. M'Murtrie, M.D. &c. &c. / New York: / G. & C. & H. Carvill. / MDCCCXXXII.

(21.5 × 13.4 cm). Pp. i-vi [vii-viii], 9-532.

Contents—Title; ded.; remarks (by M'Murtrie); explanations; introd., pp. 9-36 (Cuvier's introd.); text, pp. 37-524, being a much-abridged translation of the *Règne animal* (edit. not specified); systematic index, pp. 525-532. Birds are treated on pp. 121-175.

In his remarks the editor makes reference to an earlier edition of his translation in four volumes. The latter may have appeared in 1831 (*cf.* Wood). M'Murtrie's "Cuvier" was again published, in one volume, in 1834.

DAGLISH, ERIC FITCH (1892-1966)

612. 1924. **Our birds' nests / and eggs / and how to know them /** By / E. Fitch Daglish, / F.Z.S., F.L.S., F.R.H.S., etc., / Author of / "Our butterflies and Moths," "Our Wild Flowers," etc. / [*Publisher's device*] / Thornton Butterworth Limited / 15 Bedford Street, London. W.C.2

(17.8 × 11.3 cm). Pp. 1-127; photogr. plates I (col. front.), II-XVI (plates X, XI, XIV col., on single leaves, the rest on both sides of 6 leaves).

Contents—Blank leaf; half-title (also bearing series title: The 'How to know them' series), p. 3; title (dated on v.); list of illustrs.; introd., pp. 11-13; directions for use, pp. 15-16; key to eggs and nests, pp. 17-22; text, pp. 23-122; index, pp. 123-127. The text describes briefly the details of nesting of British birds under the headings Eggs, Nesting Period, Nest, and Remarks.

A conveniently sized and presumably useful little manual for field identification of British birds' nests. Bookplate of PZC (Sir Percy Zachariah Cox).

DAHL, KNUT (1871-1951)

613. 1927. In / *savage Australia* / An account of a hunting and / collecting expedition to / Arnhem Land and / Dampier Land / By / Knut Dahl / Professor of Pisciculture at the Norwegian / College of Agriculture, Oslo / With photographs and drawings by the / Author, and a Foreword by / Fridtjof Nansen / [*Vignette*] / Boston and New York: / Houghton Mifflin Company / 1927.

(22.6 × 14.5 cm, untrimmed). Pp. i-xii, 1-326; fotogr. front. (portr. of author), 19 half-tone plates (29 photos., 5 drawings), text-figs. 1-27 (11-13, 21 ornith.; pencil drawings by author), 3 unnumb. text-figs. including map.

Contents—Half-title; title; foreword; introd.; note; conts.; list of illustrs.; text, pp. 1-320, in chapters I-XVI; index, pp. 321-326. The well-written narrative deals with the author's explorations and observations in remote parts of northern Australia, 1894-1896, and contains abundant non-technical but valuable reference to the distribution, habits, and habitats of the birds observed.

A most entertaining book, being an English translation from the Norwegian, by the author himself, of a journal first published in 1898 at Christiania under the title *Reiser i Nort-vest Australien*. Several new species of birds obtained were described by Robert Collett (*Proc. Zool. Soc. London*, 1898:353-357).

Whittell, 184.

DALGLEISH, JOHN JAMES (1836-1921)

614. *post* April, 1903. Catalogue / of the / collection of birds' eggs / belonging to / John J. Dalgleish / June 1898.

(23.5 × 18.0 cm). Pp. [2], 1-29, errata slip.

Contents—Title; catalogue, pp. 1-26; index, pp. 27-29. Pp. 24-26 contain an appendix dated April, 1903. A list of several thousand sets of eggs from widely scattered localities, giving only species name, authority, and locality for each, with numbers, when possible, from Gray's *Hand List of Birds*.

Evidently printed for private circulation (on p. 29, "Edinburgh: Printed by T. and A. Constable"). Original front paper cover (bound in) bears inscription: M. Ch. Van Kempen with the authors compliments.

DALL, WILLIAM HEALEY (1845-1927)

615. 1870. *Alaska* / and / its resources. / By / William H. Dall, / Director of the Scientific Corps of the late Western Union / Telegraph Expedition. / [*Vign.*] / Boston: / Lee and Shepard. / 1870.

8vo (23.5 × 15.5 cm). Pp. i-xii, 1-627 [628]; engr. front., 12 engr. plates, 63 engr. text-figs. (4 ornith., by H. H. Nichols), 1 fold. map.

Contents—Title; ded.; introd.; conts.; text, in parts I (chapters I-VI, a narrative of travels) and II (chapters I-VII, geography, history, inhabitants, and resources), pp. 1-526; appendices A-H, pp. 527-609; index, pp. 610-627; notes on map, p. [628]. Birds are mentioned here and there in the text, and appendix G (birds, pp. 580-586) is devoted to natural history. Approximately 210 species collected in Alaska by the expedition are listed, a number having been new to science or to North America.

The narrative of an important and hazardous expedition. The ornithology was reported on more fully by Dall and Bannister (No. 617) in an earlier work.

Wood, 309.

616. 1915. Spencer / Fullerton Baird / A biography / including selections from his correspondence / with Audubon, Agassiz, Dana, and others / By / William Healey Dall, A.M., D.Sc. / With nineteen illustrations / [*Publisher's device*] / Philadelphia & London / J. B. Lippincott Company / 1915. [*Title in red and black*]

(22.7 × 15.8 cm, untrimmed). Pp. i-xvi, 1-462; photogr. front., 18 plates.

Contents—Half-title; title; ded.; executor's foreword; pref.; conts.; list of illustrs.; text, pp. 1-450, in chapters I-XII, dealing with Baird's life, works, and times; index, pp. 451-462.

A competently executed biography of one of America's most influential natural scientists. While containing little purely ornithological content, this story of Baird's life contains much of significance to ornithological history and is entered here accordingly.

Wood, 309. Reviewed: *Auk*, 1915:505-507 (Witmer Stone).

DALL, WILLIAM HEALEY *and* HENRY M. BANNISTER

617. 1869. Art. IX. List of the Birds of Alaska, with Biographical / Notes. By Wm. H. Dall and H. M. Bannister.

8vo in fours (28.2 × 19.0 cm). Pp. 267-310; lith. plates XXVII-XXXIV (by Edwin Sheppard), engr. vignette.

Contents—Introd. comments (dated June 1869), pp. 267-270; annotated list of 212 species, pp. 270-310. This list contains many records of considerable historic importance and reports a number of species earlier unrecorded in North America. The latter, with certain new forms, were discussed in more detail in an accompanying article by S. F. Baird, which the illustrs. were meant also to serve, and of which only pp. 311-312 are included in the present copy.

A historic report, among the first incorporating scientific results of the "Russo-American [Western Union] Telegraph Expedition," upon which the original scientific director, Robert Kennicott, lost his life. It appeared in 1869 as article IX of vol. 1, pt. 2, of the *Trans. Chicago Acad. Sci.*, pp. 267-310 (Baird's companion paper is art. X, pp. 311-325). A part of the serial literature, this separate with original pagination is included because of its rarity, resulting from the loss of many

copies in the great Chicago fire of October 8, 1871. Some copies are said to possess titles and colored plates. Bound copy with inscription (partly erased) "Mr. Henry B[---]kley with the regards of Wm. H. Dall," and name and bookplate of Henry Baker Tristram, Lincoln College, Oxford.

Coues, 1:680; Wood, 308. Reviewed: *Amer. Nat.*, 1871:367-371; *Ibis*, 1870: 521-522.

DAMMERMAN, KAREL WILLEM (1885-)

618. 1929. *The agricultural zoology / of the / Malay Archipelago / The animals injurious and beneficial to / agriculture, horticulture and forestry in / the Malay Peninsula, the Dutch East Indies / and the Philippines / By / K. W. Dammerman, D. Sc., / Director of the Zoological Museum and Laboratory, Buitenzorg, Java. / [Publisher's monogram] / Amsterdam—J. H. de Bussy Ltd.—1929.*

(25.7 × 18.3 cm). Pp. i-xi [xii], 1-473; front. (map), plates 1-40 (photos., col. and uncol. drawings; plates 34, 35, 37 ornith., by M. A. Koekkoek, plate 35 col.), text-figs. 1-179 (figs. 139-143 ornith.), 3 text-figs.

Contents—Half-title; title; conts.; pref.; introd.; text, pp. 6-398; in chapters I-IX; appendix, pp. 399-431; systematic index, pp. 432-473. Birds of supposed economic importance are discussed briefly on pp. 294-319 of chapter VII.

Essentially, according to preface (dated December, 1927), an English edition of the author's work *Landbouwdierkunde van Oost-Indië* published in 1919 and written in Dutch, but the geographical scope has been increased.

DAMPIER, WILLIAM (1652-1715)

619. 1906. *Dampier's / voyages / Consisting of a New Voyage Round the World, a / Supplement to the Voyage Round the World, / Two Voyages to Campeachy, a Discourse / of Winds, a Voyage to New Holland, / and a Vindication, in answer to / the Chimerical Relation of / William Funnell / By / Captain William Dampier / Edited by / John Masefield / In two volumes / I [II] / London / E. Grant Richards / 7 Carlton Street / 1906. [Title in red and black.]*

2 vols. (21.9 × 14.2 cm).

Vol. I: pp. i-ix [x], 1-612; front. (portr.), 5 fold. maps.

Vol. II: pp. i-vii [viii], 1-624; 15 engr. plates (facsimiles; 4 ornith.), 5 fold. maps.

Contents—Each vol. contains half-title, title, conts., and list of illustrs. Vol. I contains editor's ded. and life of Dampier, and vol. II contains the index (pp. 607-624). The text, with facsimile titles of original sources and with various matter interpolated, occupies pp. 15-612 of vol. I and 1-605 of vol. II. Dampier's complex voyage around the world, 1679-1691, is covered in pp. 15-529 of vol. I, the supplement to this account occupying pp. 572-612, and pp. 1-324 of vol. II, of which pp. 337-573 are devoted to his voyage to New Holland (Australia) in 1699. Dampier was an indefatigable and accurate observer, interested in natural history and much else, and his texts contain abundant reference to birds in many parts of the world

(especially the West Indies, the Bay of Campeche, and many islands of the Pacific and Indian oceans).

A very complete edition of Dampier's voyages. Dampier's works originally appeared at London in four volumes (Knapton, 1697-1709), and met with such popularity that numerous editions of all volumes were published, in various combinations, during and after the author's lifetime. Some idea of the complexity of editions may be had from N. M. Penzer's summary in the preface to the edition of the *New Voyage* published in 1927 by the Argonaut Press (No. 620). (See also Cox, I:42-44, and Sabin, V:188-195; many edits.) According to vol. I, p. 14, the text of the present edition is based on the sixth edition (1717) of the *New Voyage* (first edition, 1697), while the whole of the *Voyage to New Holland* (originally published in two volumes, 1703, 1709) is based on the edition of 1729. It is impossible from the information given to identify the source of the Supplement, or *Voyages and Descriptions* (first edition, 1699). The ornithology of the "New Voyage" around the world and that to New Holland has been treated in some detail by W. L. Sclater (*Ibis*, 1940:657-663).

Cox, I:42-44; Whittell, 185; Wood, 309.

620. 1927. **A / new voyage round / the world /** By / William Dampier / With an Introduction / by / Sir Albert Gray, K.C.B., K.C. / President of the Hakluyt Society / [*Col. illus.*] / 1927 / The Argonaut Press / London.

8vo (25.7 × 19.3 cm, untrimmed). Pp. i-xxxvii [xxxviii], [2], 1-376 [377-378]; 2 full-page text-figs., 1 half-tone plate (portr.), 4 fold. maps. Title-page decoration (a ship in a roundel) repeated on upper board.

Contents—Half-title; title; bibliographic pref. by N. M. Penzer, pp. v-viii; conts.; introd., with life of Dampier, etc., pp. xiii-xxxvii; facsimile title, 1 leaf; text, pp. 1-367; index, pp. 369-376; colophon, including statement of limitation (No. 788 of 975 copies), p. 377.

A handsome edition limited to 975 copies on Japon vellum. For details of the work and its ornithological content see the more complete edition of Dampier's voyages (No. 619). No ornithological figures accompany the *New Voyage*.

Wood, 309.

DARLING, FRANK FRASER (1903-)

621. 1938. **Bird flocks / and the / breeding cycle /** A contribution to the / study of avian sociality / By / F. Fraser Darling / Ph.D., F.R.S.E. / [*Orn.*] / Cambridge / at the University Press / 1938.

(19.1 × 13.4 cm). Pp. i-x, 1-124; photogr. front., 1 text-fig.

Contents—Half-title; title; conts.; acknowledgments; scientific names of birds mentioned in text; text, pp. 1-111, dealing in chapters I-V with the general subject described in the title; appendix, dealing with types of courtship and communal display in the herring gull and lesser black-backed gull, pp. 113-114; references, pp. 115-119; index, pp. 121-124.

A thoughtful and valuable essay dealing with the subject of sexual periodicity, with special reference to observations of breeding flocks of gulls, and drawing certain general conclusions.

Reviewed: *Auk*, 1938:684-685 (Glover M. Allen).

DARWIN, CHARLES ROBERT (1809-1882)

622. 1838-41. **The / zoology / of / the voyage of H.M.S. Beagle, / under the command of Captain Fitzroy, R.N., / during the years / 1832 to 1836. / Published with the approval of / the Lords Commissioners of Her Majesty's Treasury. / Edited and Superintended by / Charles Darwin, Esq. M.A. F.R.S. Sec. G.S. / Naturalist to the expedition. / Part III. / Birds, / by / John Gould, Esq. F.L.S. / London: / Published by Smith, Elder and Co. 65, Cornhill. / MDCCCXLI.**

(30.9 × 24.4 cm). Pp. [6], i-ii 3-156¹ [10]; lith. col. plates 1-50 (by J. and E. Gould).

Contents—Title, 1 leaf (printer's imprint on v.); Sectional title, 1 leaf (v. blank): **Birds, / Described by / John Gould, Esq. F.L.S. / with / a notice of their habits and ranges, / by Charles Darwin, Esq. M.A. F.R.S. Sec. Geolog. Soc. / And with an anatomical appendix, / by T. C. Eyton, F.L.S. / Illustrated by numerous coloured engravings; corrigenda, supplied by G. R. Gray, 1 leaf (v. blank); "Advertisement" (i.e. introd.), pp. i-ii; text, pp. 3-146, systematically arranged, being an annotated list of the birds collected by Darwin on the Beagle's voyage, with short synonymies of previously known forms, more or less detailed characterizations (mainly by Gould, but enlarged, in unspecified instances, by Darwin, and Gould's nomenclature altered, in specified instances, by Darwin according to the suggestions of G. R. Gray) of most of the genera and species (those of forms first discovered on the voyage, whether or not here first described, being in Latin), and more or less extensive comments on distribution and habits by Darwin; appendix, pp. 147-156, by Eyton, giving anatomical descriptions of several species; list of plates, 1 leaf; index to species, 4 leaves.**

The ornithological part of the zoological results of the voyage of H.M.S. Beagle, during which the observational bases for Darwin's celebrated views on evolution were laid. The ornithology of this historic report forms Part III of the whole work, which consists of Parts I-V (all present in the Ellis Collection), each prepared, under Darwin's "editorship and superintendence," by a specialist in the field concerned, and published in 19 parts, 1838-43. Sherborn (*Ann. Mag. Nat. Hist.*, (6) 20:483, 1897), quoted by Zimmer regarding the ornithological portion (pts. 3, 6, 9, 11, 15, July 1838-March 1841), has given the details of publication and dating of the work. Allocation of authorship of some of the new names and combinations of names in the work is extremely complex, and has been discussed at length by Zimmer, whom the interested taxonomist should consult. The complexity resulted from Gould's inability to complete the manuscript before departing on his fruitful expedition to Australia (see p. xvi of the "Biographical Memoir" in R. B. Sharpe's

¹Not 1-156, as given by Zimmer. Zimmer wrongly dates the whole work 1838-1844 (should be 1838-1843).

Analytical index to the works . . . of John Gould, London, 1893). A number of the forms brought back by Darwin were new to science; some are first named here and others were first described by Gould in the *Proceedings of the Zoological Society of London*. Bookplate of J. C. Hawkshaw, "Hollycombe 1805-1892."

Anker, no. 173; Nissen, no. 385; Wood, 226, 310, 643 (the work wrongly dated); Zimmer, 157-159.

623. 1839. **Narrative / of the / surveying voyages / of his Majesty's ships / Adventure and Beagle, / between / the years 1826 and 1836, / describing their / examination of the southern shores / of / South America, / and / the Beagle's circumnavigation of the globe. / In three volumes. / Vol. III. / London: / Henry Colburn, Great Marlborough Street. / 1839.**

(23.2 × 14.7 cm, untrimmed). Pp. i-xiv, 1-629, 609-615; 2 fold. maps in pocket in front board, 4 engr. text-figs.

Contents—Half title, p. i; title, p. iii; volume half title, "Volume III. / Journal and remarks. / 1832-1836. / By / Charles Darwin, Esq., M.A. / Sec. Geol. Soc.," p. v; preface, pp. vii-ix; conts., pp. x-xiv; text, pp. 1-608, in chapters I-XXIII; addenda, pp. 609-629 (sigs. 2Q*⁸ 2Q**² and a single leaf signed Q***, interrupting the original sequence and obviously printed after compilation of the index); index, pp. 609-615. Frequent, often extensive, references to birds occur in the informally written narrative text, many of these being original observations of considerable interest. Regions discussed include South America (extensively), New Zealand, Australia, Africa, and many oceanic islands including, of course, the Galapagos.

The first edition of Darwin's journal of the celebrated voyage during which the direct observations leading to his later reflections and ultimate conclusions were made. The original theorist and skillful synthesist of *On the origin of species* is here seen as a capable and observant naturalist.

The present work comprises vol. III of a set of 3 volumes and an appendix (all present in the Ellis collection); the other volume half titles are "Volume I / Proceedings / of / the First Expedition, / 1826-1830, / under the command of / Captain P. Parker King, / R.N., F.R.S.," "Volume II. / Proceedings / of / the Second Expedition, / 1831-1836, / under the command of / Captain Robert Fitz-Roy, R.N." and "Appendix / to the / Second Volume." A second issue of vol. III with a change of title is treated below as No. 624. A "second edition" of Darwin's journal, considerably revised, appeared in 1845, and the work appeared again in 1860, with an added postscript; the actual number and relationships of these early editions and impressions are at present obscure. There are a great many later ones. Also in the collection is a London impression dated 1873 (No. 626) and a New York edition of 1890 (No. 627). Darwin's original notebooks from the voyage were published in 1934 (No. 644) and a facsimile reproduction of the manuscript in 1979. The scientific results of the voyage (zoology) were published in five parts, of which part III (No. 622) was ornithological, 1839-1843.

BMNH, I:422; II:981 (various edits.); Wood, 310-311 (various edits.). Freeman, 38-39.

624. 1839. *Journal of researches / into the / geology / and / natural history / of the / various countries / visited by H.M.S. Beagle, / under the command of Captain Fitzroy, R.N. / from 1832 to 1836. / By / Charles Darwin, Esq., M.A. F.R.S. / Secretary to the Geological Society. / London: / Henry Colburn, Great Marlborough Street. / 1839.*

(23.2 × 14.7 cm, untrimmed). Pp. 4 [vii] viii-xiv, 1-629, 609-615, 1-16; 2 fold. maps (inserted at pp. 1 and 539), 4 engr. text-figs.

Another issue of No. 623 from the same sheets, but with preliminaries pp. [i-iv] cancelled and pp. [v-vi] discarded, and with "Mr. Colburn's list of new publications. August, 1839," 16 pp. at end. The binding is uniform with that of No. 623 in material, color and design.

Freeman, 34.

625. 1855. *Journal of researches / into the / natural history and geology / of the / countries visited during the voyage of / H.M.S. Beagle / round the world, / under the command of Capt. Fitz Roy, R.N. [final period omitted in Vol. II] / By Charles Darwin, M.A., F.R.S. / In two volumes. / Vol. I. [Vol. II.] / New York: / Harper & Brothers, Publishers, / 329 & 331 Pearl Street, / Franklin Square. / 1855.*

2 vols. (16.7 × 10.5 cm). Vol. I: pp. i-vii, 1-351; 5 engr. text-figs. (1 ornith., 1 map). Vol. II: pp. i-v [vi] 7-324; 9 engr. text-figs. (1 ornith., 1 map).

Contents—Vol. I: title; "Advertisement of the American publishers" (i.e. preface), dated January 1846; contents; text, in chapters I-XII. Vol. II: title; contents; text, in chapters I-IX; index.

Apparently an unchanged reprint of the first American edition (1846), based on the second British edition (1845). According to Freeman's outline handlist of U.S. editions, the 1855 issue appeared as Vols. X and XI of Harper's New Miscellany, and the "Advertisement" in the present volume concludes "In its present form, it seems admirably adapted to the purpose of popular instruction and entertainment, and has therefore been included in the present series." However, there is no other indication of series. Bookplates: Phrenological library of Orrin Dudley.

Freeman, 31ff.

626. 1873. *Journal of researches / into the / natural history and geology / of the / countries visited during the voyage of / H.M.S. Beagle round the world, / under the / Command of Capt. Fitz Roy, R.N. / By Charles Darwin, M.A., F.R.S., / author of 'Origin of Species,' etc. / Twelfth thousand. / London: / John Murray, Albemarle Street. / 1873.*

(18.7 × 12.5 cm). Pp. i-x, 1-519; 14 engr. text-figs. (2 ornith.).

Contents—Title; ded.; pref. (dated June, 1845); postscript (dated Feb. 1st, 1860); conts.; text, pp. 1-506, in chapters I-XXI; index, pp. 507-519.

A late version, based on the text of a revision first published in 1860. The first

edition appeared in 1839 (No. 623; *q.v.*, for further discussion) and the second, perhaps a true edition, in 1845. Some changes were made in the ornithological matter between 1839 and 1845; conceivably the revision of 1860 consisted of no more than the addition of the postscript. Spine title: Naturalist's voyage round the world. Bookplate of Frederick Pollock.

627. 1890. *Journal of researches / into the / natural history and geology / of the / countries visited during the voyage round / the world of H.M.S. 'Beagle' / under the command of Captain Fitz Roy, R.N. / By Charles Darwin, M.A., F.R.S. / Author of 'Origin of species,' etc. / [Vignette of the "Beagle"] / A new edition / with illustrations by R. T. Pritchett of places visited and / objects described / New York / D. Appleton and Company / 1890.*

(22.5 × 15.0 cm). Pp. i-xvi, 1-551 [552], [8]; engr. front., 9 engr. and half-tone plates, 94 engr. and half-tone text-figs. and decors. (6 ornith.), 2 col. fold. maps.

Contents—Half-title; title; ded.; prefatory notice to illustr. edit. (signed John Murray, Dec. 1889); author's pref. (the June 1845 pref.); conts.; list of illustrs.; text, pp. 1-538, in chapters I-XXI; index, pp. 539-551; advt., 4 leaves. The text, with minor alterations of punctuation, etc., appears to be that of the "second" or 1845 edition; the contents of the "postscript" of 1860 appear in footnotes.

A handsome edition, although the ornithological illustrations are indifferent. The first edition (*q.v.*, for history) appeared in 1839 (No. 623). Half-title and spine title: A naturalist's voyage round the world; title on front board: The voyage of H.M.S. Beagle.

628. 1859. *On / the origin of species / by means of natural selection, / or the / preservation of favoured races in the struggle / for life. / By Charles Darwin, M.A., / [Honors, 1 line] / Author of 'Journal of Researches [etc., 2 lines] / London: / John Murray, Albemarle Street. / 1859. / The right of Translation is reserved.*

12mo (20.0 × 12.5 cm, untrimmed). Pp. i-ix [x], 1-502, 1-32; fold. diagr.

Contents—Half-title, p. i; quotes., p. ii (which bears date of October 1st, 1859); title, p. iii; conts., pp. v-ix; instructions to binder, p. x; text (with introd., pp. 1-6), pp. 7-490, in chapters I-XIV, in which the thesis of this monumental work is developed; index, pp. 491-502; advt. of Murray's publications, dated June 1859, pp. 1-32. Reference to birds, from which Darwin drew many examples to support various points, is frequent in the text.

This has been called the most important single book in the history of science, and its publication may be said to mark the beginning of the modern era in biology. Although ornithological matter is frequently and skillfully used to document its thesis, the work is chiefly important to ornithologists, as to others, because of its place in the history of biological thought.

The bibliographical relationships of the many editions, impressions, and translations of the work, one to another, are laid out in Morse Peckham *The origin of species by Charles Darwin: a variorum text* (Philadelphia, 1959) and R. B. Freeman

The works of Charles Darwin: an annotated bibliographical handlist. 2nd ed. (Folkestone, 1977).

The copy in hand represents the first edition, distinguished by the date 1859 on title-page and October 1, 1859, on verso of half-title (the second edition, 1860, is similarly dated on reverse of half-title, while at this place in later editions the work is noted as first published on November 24, 1859), as well as by a mis-spelling on p. 20 ("speecies" for "species") and an ill-considered reference to bears, modified in the second edition, on p. 184. According to William B. Todd's analysis (*Book Collector* 9 [1960] 78), the present copy is in binding form A.

What is known of the publication of the work seems to stem chiefly from Charles Darwin's letters, as published in *The life and letters of Charles Darwin* (Francis Darwin, ed.; London, John Murray, 1887), vol. II, especially pp. 169-170, 205-256, and 356, although later research has clarified some previous misunderstandings. It appears that Darwin concluded reading the proofs of the first edition on October 1, 1859, that a number of presentation copies were sent out to friends and colleagues on or about November 11, and that the first edition was formally published (i.e. placed on sale) by Murray on November 24. On the authority of a letter from Darwin it has frequently been averred that all 1,250 copies were sold to the public on publication day. Freeman, however, establishes that, after deducting review, author's, and legal deposit copies, only some 1,170 copies were available for sale, and that although these were indeed all taken up by the trade it cannot be said that all copies were sold to the public on November 24. Moreover, Todd (*op. cit., supra*) reports copies in two forms of binding, which he suggests may indicate a group of copies bound later than November 24.

A second edition (No. 629), reset but only very slightly revised, was published on January 7, 1860 (3,000 copies). A variant first issue of this edition exists, bearing the date 1859 (Freeman, 375). A United States edition (No. 630), based on Murray's first, was published in the middle of January 1860. The first German edition appeared in the same year, and the third Murray edition, consisting of 2,000 copies, was published in April 1861.

Six editions in all—1859, 1860, 1861, 1866, 1869 and 1872—were published by Murray and variously revised by Darwin himself, these forming the basis for all the multiplicity of later editions and translations. Morse Peckham, in the "Introduction" to his variorum edition of the *Origin*, says of the six editions, "Of the 3,878 sentences in the first edition, nearly 3,000, about 75 per cent, were rewritten from one to five times each. . . . In terms of net added sentences, the sixth edition is nearly a third as long again as the first."

Besides the first and second editions, the present collection contains the first U.S. edition (No. 630), two issues of the Murray sixth edition (Nos. 632 and 633), a New York issue of the sixth edition (No. 631), and a French translation of 1876 (No. 634). The revision of ornithological matter was slight.

Newton, 78-80 (hist., importance; see also *Ibis*, 1882:479-484); Nordenskiöld, 461-476 (hist., biogr.); Wood, 310; Freeman, 73-111; Peckham, 9. Noticed: *Ibis*, 1860:88-89.

629. 1860. **On the origin of species by means of natural selection.** [*As No. 628, 10 lines*] / Fifth thousand. / [*Idem, 2 lines*] / 1860. / [*Idem, 1 line*]

Collation and contents as in the first edition (No. 628), except that no advertisements are included (Freeman, p. 78, says that "Murray's general list advertisements, dated January 1860, are present in most, but not all, copies").

The second edition, with text slightly revised, and newly set. Inscribed on title-page: E. W. H. Holdsworth. 1860.

Freeman, no. 376, binding variant a.

630. 1860. **On / the origin of species / by / means of natural selection, / or the / preservation of favoured races in the struggle / for life. / By / Charles Darwin, M.A., / [*Honors, 1 line*] / Author of "Journal of researches [*Etc., 2 lines*] / New York: / D. Appleton and Company, / 346 & 348 Broadway. / M.DCCC.LX.**

12mo. (19.5 × 12.5 cm). Pp. 1-432; fold. diagr.

Contents—Half-title, p. 1; 2 quots. (as in No. 626, not 3 as in No. 627), p. 2, which bears date of October 1st, 1859, as in Nos. 626 and 627; title, p. 3; conts., pp. 5-8; text, pp. 9-424; index, pp. 425-432.

The first American edition. It contains notes by Darwin which do not appear in the second English edition (Freeman, 1st ed., p. 25). From the collection of T. J. Fitzpatrick and with his bookplate.

631. 1873. **On/ the origin of species / by / means of natural selection, / or the / preservation of favored races in the struggle / for life. / By / Charles Darwin, M.A., F.R.S., / Author of "Journal of researches [*Etc., 2 lines*]. / **New edition, from the sixth English edition, with additions / and corrections.** / New York: / D. Appleton and Company, / 549 & 551 Broadway. / 1873.**

12mo (19.5 × 12.7 cm). Pp. i-xxi [xxii], 1-458; fold. diagr.

Contents—The same as those of the British sixth edition. According to Freeman, printed from stereotypes of the 1872 Murray edition. Inscribed: C. Hart Merriam.

Freeman, no. 394.

632. 1878. **The / origin of species / by means of natural selection, / or the / preservation of favoured races in the struggle / for life. / By Charles Darwin, M.A., LL.D., F.R.S., / etc. / **Sixth edition, with additions and corrections to 1872.** / (Twentieth thousand.) / London: / John Murray, Albemarle Street. / 1878. / The right of Translation is reserved.**

12mo (18.4 × 11.4 cm). Pp. i-xxi [xxii], 1-458; fold. diagr.

Contents—Half-title (quotations, etc., on v.); title (advt. of "Works by the same author" on v.); conts.; instructions to binder; additions and corrections to the 6th edit.; historical sketch, pp. xiii-xxi (reviewing writings on natural selection,

etc., prior to 1859); introd., pp. 1-4; text, pp. 5-429, in chapters I-XV; glossary, pp. 430-441; index, pp. 443-458.

The sixth edition, the last revised by Darwin, was first published in February 1872, and reprinted from stereotypes twice later in the same year, and again in 1873 and 1875. In 1876 it was issued as being "with additions and corrections to 1872"; Freeman cites this as "the first issue of the final definitive text."

The present issue is from stereotypes of the 1876 text; its choice by Peckham as "the final text," although correct in the sense that it reproduces the 1876 text, is based on Peckham's inability to examine a copy of the 1876 edition.

John Murray, the publisher, made a practice of including on title-pages the cumulative total of copies printed. The system was somewhat erratic, in that, for instance, the "Fifth thousand" advertised on the title-page of the second edition reflected a total of only 4250 copies printed, while in at least five other issues the total was given as two thousand copies less than it should have been.

Peckham, 24; Freeman, 80-81, 87.

633. 1894. *The / origin of species / by means of natural selection, / or the / preservation of favoured races in the / struggle for life. / By Charles Darwin, M.A., LL.D., F.R.S. / Sixth edition, with additions and corrections. / (Forty-fifth thousand.) / London: / John Murray, Albemarle Street. / 1894.*

8vo (18.8 × 12.7 cm). Pp. i-xxi [xxii], 1-432; fold. diagr.

Contents—Half-title; title; conts.; additions and corrections to the sixth edit.; historical sketch, pp. xiii-xxi; introd., pp. 1-4; text, pp. 5-403, in chapters I-XV; glossary, pp. 405-415; index, pp. 417-432.

A further issue of the sixth edition, from repaginated stereotypes of the Library Edition of 1888.

634. 1876. *L'origine / des espèces / au moyen / de la sélection naturelle / ou / la lutte pour l'existence dans la nature / Par / Charles Darwin, M.A., F.R.S., etc. / Traduit sur la sixième édition anglaise / par Ed. Barbier / Paris / C. Reinwald et Ce, Libraires-Éditeurs / 15, rue des Saints-Pères, 15 / 1876 / Tous droits réservés.*

8vo (22.9 × 14.0 cm, untrimmed). Pp. [2], i-xix [xx], 1-604; fold. diagr.

Contents—Half-title, 1 leaf; title; translator's note; conts.; "notice historique," pp. ix-xix; text (with introd., pp. 1-6), pp. 7-576, in chapters I-XV; glossary, pp. 577-588; index, pp. 589-604.

Several French editions had preceded the present, which, however (according to translator's note, by Edmond Barbier), is the first French translation of the definitive sixth English edition. Various excerpts from French journals of the time and pertaining to selection and to "Darwinism" are glued into the present copy. Bookplate: Bibliothèque Ed. Bonnet, D.M.P.

635. 1868. **The variation / of / animals and plants / under domestication.** / By Charles Darwin, M.A., F.R.S., &c. / In two volumes.—Vol. I [II]. / With illustrations. [*Period omitted (Vol. II)*] / London: / John Murray, Albemarle Street. / 1868. / The right of Translation is reserved.

2 vols. (22.2 × 12.0 cm).

Vol. I: pp. i-viii, 1-411 [412], 1-32; engr. text-figs. 1-43 (figs. 17-40 ornith.).

Vol. II: pp. i-viii, 1-486, [2].

Contents—Vol. I: title, p. 1; list of works by author, p. ii; conts., pp. iii-vi; errata (5 items), p. vi; list of illustrs., pp. vii-viii; introd., pp. 1-14; text, pp. 15-411, in chapters I-XI (zoology, chapters I-VIII; birds, pp. 131-295); colophon, p. 412; advt. of Murray's publications, dated April 1868, pp. 1-32. Vol. II: title, p. i; conts., pp. ii-viii; errata (7 items), p. viii; text, pp. 1-432, in chapters XII-XXVIII, dealing with theory based on the factual matter presented in vol. I; index, pp. 433-486; advt. of Murray's "Works on science, &c.," dated February 1868, 1 leaf.

The first edition, first issue, of the only section of Darwin's projected "big book" on the origin of species to be printed during his lifetime. Darwin had conceived of his *On the origin of species* as an abstract of the larger work, and indeed his preliminary title for it was "An abstract of an essay on the origin of species and varieties through natural selection." In the preface (dated March 28, 1868) to the first American edition (No. 637) Darwin refers to "an edition of this work . . . reprinted immediately after its first publication" in which "various corrections" and "some important additions" were inserted (No. 636). Nonetheless, this is considered the second issue of the first edition; the second edition, so described on the title-page, was published in 1875. Present in the collection is a set of the 1893 issue of the second edition, "eighth thousand" (No. 638). The ornithological matter, especially that relating to pigeons (in which Darwin was much interested) and fowls, is quite thorough, with much anatomical detail.

Wood, 310; Freeman, 122-124. Noticed: *Ibis*, 1868:218-219.

636. 1868. **The variation of animals and plants under domestication.** [*As No. 635, 11 lines, but with period present at end of line 7 in vol. II.*]

Collation as No. 635.

Contents—As No. 635, but erratum (1 item) on p. vi of vol. I, and no errata in vol. II.

The first edition, second issue (*cf.* No. 635). There are considerable textual differences between the two issues, including a number of observations newly reported to Darwin by his correspondents, and consequently a certain amount of resetting. The imprint at the foot of the spine of the publisher's casing of this second issue is in two lines; that of the first in one line. Bookplate of Randall H. Pye.

Freeman, 122-124.

637. 1868. **The variation / of / animals and plants / under domestication.** / By / Charles Darwin, M.A., F.R.S., &c. / Authorized edition, with a preface / by /

Professor Asa Gray. / In two volumes. Vol. I [II]. / With Illustrations. / New-York: / Orange Judd & Company, / 245 Broadway.

2 vols., 12mo (18.7 × 12.3 cm).

Vol. I: pp. i-ii, i-iv, iii-x 11-494, [6]; engr. text-figs. 1-43 (figs. 17-40 ornith.).

Vol. II: pp. i-viii, 9-568, [8].

Contents—Vol. I: title (copyright, 1868, on v.); author's pref. to American edit. (dated March 28, 1868) and additions and corrections thereto ("Publishers' note to the Reader.—The first English edition of this work was taken up at once, and a second called for. In the reprint Mr. Darwin made a number of changes and corrections, and sent us the advance sheets containing them. He also has given us a number of manuscript corrections which do not even appear in the latest English reprint. If the reader will mark the passages indicated below, he will have his copy revised up to the author's latest views. These corrections, as well as Mr. Darwin's preface, were received after the book was printed; and we were obliged, by force of circumstances, to insert both in extra pages."), extra pp. i-iv inserted between pp. ii and iii; pref. to American edit. (by Asa Gray, dated March 1868); conts.; list of illustrs.; introd., pp. 11-26; text, pp. 27-494 (birds, pp. 163-356), in chapters I-XI; advt. of Orange Judd's publications, 3 leaves. Vol. II: title; conts.; text, pp. 10-516, in chapters XII-XXVIII; index, pp. 517-568; advt. of Orange Judd's publications, 4 leaves.

The first American edition of the work, based, according to Darwin's preface, on the second issue of the first English edition (No. 636).

638. 1893. **The variation / of / animals and plants / under / domestication.** / By Charles Darwin, M.A., F.R.S. [M.A., F.R.S., &c (*Vol. II.*).] / **Second edition, revised.** / Eighth thousand. / In two volumes.—Vol. I [II]. / With illustrations. / London: / John Murray, Albemarle Street. / 1893. / The right of Translation is reserved.

2 vols., 8vo (18.8 × 12.8 cm).

Vol. I: pp. i-xiv, 1-473 [474]; text-figs. as in earlier edits. (see no. 635).

Vol. II: pp. i-x, 1-495 [496], 1-32.

Contents—Vol. I: title; pref. to second edit.; conts.; list of illustrs.; table of principal additions and corrections (3 pertain to birds); introd., pp. 1-14; text, pp. 15-473, in chapters I-XI (birds, pp. 137-312); advt. of works by Darwin, from various publishers, p. [474]. Vol. II: title; list of works by author (as in Vol. I.); conts.; errata; text, pp. 1-428, in chapters XIII-XXVIII; index, pp. 429-495; advt. of John Murray's publications, January 1895, pp. 1-32.

A later issue of the second edition, from stereotypes. The first edition (No. 635) appeared in 1868.

639. 1871. **The / descent of man, / and / selection in relation to sex.** / By Charles Darwin, M.A., F.R.S., &c. / In two volumes.—Vol. I [II]. / With illustrations. /

London: / John Murray, Albemarle Street. / 1871. / [The right of Translation is reserved.]

2 vols., 8vo (18.5 × 12.2 cm).

Vol. I: pp. i-viii, 1-423 [424], 1-16; engr. text-figs. 1-25.

Vol. II: pp. i-viii [ix-x], 1-475 [476], 1-16; text-figs. 26-76 (figs. 37-51, 53-60 ornith.).

Contents—Vol. I: half-title, p. i; title, p. iii; advt. of books by author, by various publishers, p. iv; conts., pp. v-viii; introd., pp. 1-5; text, part I (The descent of man, in chapters I-VII with sectional half-title), pp. 6-250; part II (Sexual selection, chapters VIII-XI, with sectional half-title), pp. 251-423; printer's imprint, p. [424]; publisher's advt. pp. 1-16. Vol. II: half-title, p. i; printer's imprint, p. ii; title, p. iii; errata, p. iv; conts., pp. v-viii; postscript, (p. [ix]); text (Sexual selection, cont'd, chapters XII-XXI), pp. 1-405; index, pp. 406-475; printer's imprint, p. [476]; publisher's advt. pp. 1-16. Reference to birds occurs here and there in the text, chapters XIII-XVI of volume II (pp. 38-238) being entirely ornithological and devoted to a detailed, thoughtful consideration of secondary sexual characters and "sexual selection" (the operation of natural selection with particular reference to heterosexuality) in birds. The ornithological figures are from Brehm's *Thierleben*.

The first edition, first issue, of a famous and for a time highly controversial work. The ornithological portion consists largely of an early and consequential discussion of the evolutionary importance of sexual selection, and is still possibly the most thorough and useful discussion of the subject available.

As with *On the origin of species*, the number and relationships of the several early editions and impressions are complex. In the preface to the 2nd edition, 1874, Darwin states that "during the successive reprints of the first edition of this work . . . I was able to introduce several important corrections." Following what were in fact four such issues, the 2nd edition, 1874, "tenth thousand," was extensively revised, and small textual changes were made in the 1875, "eleventh thousand." The "twelfth thousand" of 1877 added a supplemental note reprinted from *Nature* (November 2, 1876: 18), and is, according to Freeman, the final definitive text. Further one-volume issues published by John Murray through 1899 were from stereotypes of this printing. The "Library Edition" in 1888 was an entirely new printing in two volumes; stereotyped issues of it continued to appear until at least 1922. In the Ellis Collection there are copies of the New York 1875 issue (No. 640), from stereotypes of the London second edition, 1874, and of the London 1888 (No. 641).

Wood, 310; Freeman, 128ff. Noticed: *Ibis*, 1872:421.

640. 1875. *The / descent of man, / and / selection in relation to sex.* / By / Charles Darwin, M.A., / [*Etc.*, 1 line]. / With Illustrations. / New edition, revised and augmented. / Complete in one volume. / New York; / D. Appleton and Company, / 549 and 551 Broadway. / 1875.
8vo (19.4 × 12.6 cm). Pp. i-xvi, 1-688, [4]; engr. text-figs. 1-78 (figs. 37-52, 54-62 ornith.).

Contents—Half-title; title; pref. to the “second edition” (dated September 1874); table of principal additions and corrections; conts.; introd., pp. 1-4; text (The descent of man, pp. 5-206; Sexual selection, pp. 207-619); index, pp. 620-688; publisher’s advt., 2 leaves. The ornithological chapters occupy pp. 358-499, some nine additions to the text of 1871 being listed. Five new ornithological cuts are from drawings by T. W. Wood.

An American version with text based on the “second (English) edition” published in 1874 and “revised and augmented” from the first edition (see No. 639).

641. 1888. *The / descent of man, / and / selection in relation to sex.* / By Charles Darwin, M.A., F.R.S. / *Second edition, revised and augmented.* / (22nd thousand.) / In two volumes.—Vol. I [II]. / With illustrations. / London: / John Murray, Albemarle Street. / 1888. / The right of Translation is reserved.

2 vols., 8vo (19.1 × 12.6 cm).

Vol. I: pp. i-xvii [xviii], [2], 1-507 [508], [2]; text-figs. 1-26.

Vol. II: pp. i-viii, [2], 1-528, [2]; text-figs. 27-78 (figs. 37-52, 54-62 ornith.).

Contents—Vol. I: half-title; title; pref. to the “second edit.”; principal additions and corrections (concordance of first edit., 1871, 2nd edit., 1874, and “2nd edit.,” 1888); conts.; errata, 1 leaf; introd., pp. 1-5; text (The descent of man, pp. 6-318; Sexual selection [part], pp. 319-507); printer’s imprint, p. [508]; advt. of works by Darwin, from various publishers, 1 leaf. Vol. II: half-title; title; conts.; errata, 1 leaf; text (Sexual selection [cont’d], pp. 1-448); index, pp. 449-528; advt. (as in Vol. I), 1 leaf. The ornithological chapters occupy Vol. II, pp. 43-256, 9 additions to the text of 1871 being listed.

The second edition was published in 1874; the 1877 issue, according to Freeman, constitutes the final definitive text. The present issue is an entirely new setting in two volumes. The first edition was published in 1871 (No. 639).

Freeman, 128ff.

642. 1872. *The / expression of the emotions / in / man and animals.* / By Charles Darwin, M.A., F.R.S., &c. / With photographic and other illustrations. / London: / John Murray, Albemarle Street. / 1872. / The right of Translation is reserved.

8vo (19.0 × 12.5 cm). Pp. i-vi, 1-374, 1-4; Heliotype (photogr.) plates 1-7 (plates 2, 6 fold.), engr. text-figs. 1-21 (figs. 12, 13, ornith.).

Contents—Title; conts.; list of illustrs.; introd., pp. 1-26; text, pp. 27-367, in chapters I-XIV; index, pp. 368-374; publisher’s advt. (dated November 1872), pp. 1-4. Birds are mentioned in various places, their displays and actions under stress being discussed on pp. 97-103. The larger part of the work is devoted to man.

The first and only edition to be printed in Darwin’s lifetime. A second edition appeared in 1890, edited by Francis Darwin. Its immediate ornithological importance is slight, but the work has some historical importance as an early serious consideration of animal behavior.

Wood, 310; Freeman, 142ff.

643. 1909. *The foundations of the / origin of species, a sketch / written in 1842 / by / Charles Darwin / Edited by his son / Francis Darwin / Honorary Fellow of Christ's College / Cambridge: / Printed at the University Press / 1909.*

8vo (22.3 × 14.5 cm). Pp. i-xxii, 1-53; photogr. front. (portr. of author), 1 plate (facsimile of MS.).

Contents—Half-title; title; quot. from Darwin's *Note book* of 1837; presentation notice "Presented by the Syndics of the University Press to [Dr. W. K. Macdonald inserted in manuscript] on the occasion of the celebration at Cambridge of the centenary of the birth of Charles Darwin and of the fiftieth anniversary of the publication of *The Origin of Species*. Cambridge, 23 June, 1909."; conts.; explanation of symbols; introd. by Francis Darwin, pp. ix-xxii, explaining circumstances surrounding publication and preparation of the manuscript and describing the development of Darwin's evolutionary views; text, pp. 1-53, in 2 parts and 10 sections, in which the nucleus of *The origin of species* (see No. 628) is clearly evident. Even in these early notes, birds are frequently mentioned.

644. 1934. *Charles Darwin's diary / of the / voyage of H.M.S. "Beagle" / Edited from the MS / by / Nora Barlow / [Publisher's device] / Cambridge / at the University Press / 1934.*

8vo (23.3 × 15.8 cm). Pp. i-xxx, 1-451 [452]; front. (portr.), 2 diags., 2 fold. maps.

Contents—Half-title; title; conts.; pref.; "Dramatis personae"; bibl.; text, pp. 3-431, being the first complete printing of Darwin's "Beagle" diary (partly published, with other matter, in 1839 and 1845 in the two versions of his *Journal of researches*; Nos. 623, 624); notes, pp. 433-440; appendices I and II, pp. 441-443; index, pp. 445-451; colophon, p. [452].

Scattered references to birds appear throughout. These are not so frequent or extensive as those drawn from the copious ornithological notebooks kept by Darwin separately from his diary and published in the *Journal of researches* (No. 624). On v. of title page: First edition 1933; reprinted 1934.

DAUBENTON, EDMÉ LOUIS (1732-1785)

645. 1765-ca.1780. *Planches enluminées / pour servir a / l'histoire naturelle / de / M. Le Comte de Buffon / Tome premier [deuxième; troisième; quatrième]. / [Orn.] [Titles cut from white paper of different stock and pasted on larger leaves.]*

4 vols., 4to¹ (31.3 × 23.6 cm).

Vol. I: title, engr. col. plates 1-252 (plates of all vols. by F. N. Martinet).

Vol. II: title, engr. col. plates 253-504.

Vol. III: title, engr. col. plates 505-756.

Vol. IV: title, engr. col. plates 757-1008.

Contents—Titles and plates as indicated above. Of the 1008 plates, 973 are ornithological and 35 (nos. 15-24, 40-48, 64-72, and 90-96) are of other zoological

¹ Chain-lines horizontal. The impressions from the same plates in the large folio edit. of Buffon's *Histoire naturelle des oiseaux* (No. 411) are on leaves with the chain-lines vertical and larger in size.

subjects. They are of rather consistent technical accuracy, although of no great artistic merit.

The present plates were originally intended to illustrate the ornithological portion (9 vols., 4to, 1770-1783) of Buffon's great *Histoire naturelle*, first edition, but eventually found their way instead into the deluxe edition in folio, of the ornithology only (10 vols., 1770-86), which see (No. 411) for further discussion. According to Zimmer: "In 1765, Daubenton the younger (whose father was collaborator with Buffon in the 'Hist. Nat. Générale'), instigated by Buffon, commenced the publication of a series of 1008 colored plates . . . drawn by Martinet. These were issued without text other than the vernacular names (often from Brisson) on their legends. They appeared in promiscuous order in 42 cahiers, from 1765 to 1780 or a little later [A footnote cites evidence given by Newton, Boddaert, and Buffon, respectively, pointing variously to 1780, 1781, and 1783.] in both large and small folio [see footnote to this entry], and appear to lack any definite title or title-page, although the collection seems always to have been known as 'Daubenton's Planches Enluminées.'" I do not know whether the titles of the present set are contemporary or, as seems more likely, were printed off for some owner of the set; titles are mounted on paper bearing a watermark dated 1810, and the paper and typography of the titles themselves suggest a similar date. In 1783 Pieter Boddaert gave binomial names to the species here figured, in his *Table des Planches Enluminées de M. D'Aubenton*. Bookmarks of Coney Hill Macfarlane Institution, Stirling, 76.

Zimmer, 105 (discussion only; work in separate form not described); Anker, 76.

DAVID, ARMAND (1826-1900) and ÉMILE OUSTALET (1844-1905)

646. 1877. *Les / oiseaux de la Chine / par / M. l'Abbé Armand David, M.C. / Ancien missionnaire en Chine, / Correspondant de l'Institut, du Muséum d'Histoire Naturelle, etc. / et / M. E. Oustalet / Docteur ès Sciences, Aide-Naturaliste au Muséum, / Membre Correspondant de la Société Zoologique de Londres / Avec un Atlas de 124 Planches, dessinées et lithographiées / par M. Arnoul et coloriées au pinceau [Atlas (replaces lines 11 and 12)] / Paris / G. Masson, Éditeur / Libraire de l'Académie de Médecine / Boulevard Saint-Germain, en face de l'École de Médecine / M DCCC LXXVII.*

2 vols., 8vo (25.0 × 15.6 cm).

Vol. I (text): pp. [4], i-vii [viii], 1-573.

Vol. II (atlas): pp. i-vi, [2]; lith. col. plates 1-124 (by Arnoul).

Contents—Text: half-title; title; pref., pp. i-vii; text, pp. 1-558, systematically arranged, with very brief discussion of families and, for each species treated, major synonyms, brief description, and miscellaneous observations; errata and addenda, pp. 559-560; table alphabétique, pp. 561-573. Atlas: half-title; title; table des planches; errata; plates.

A creditably, although not artistically, illustrated review of the 807 species of birds known from China at the time of writing. The work is rather rare, and has not been fully superseded. Some new names appear.

Anker, 113; Nissen, 221; Wood, 311; Zimmer, 159. Reviewed: *Ibis*, 1878: 110-111.

DAVIE, OLIVER

647. 1885. An / egg check list / of / North American birds / giving accurate descriptions of the color and size of the eggs, / and locations of the nests of the land and water / birds of North America. / By Oliver Davie. / First edition. / Columbus, O. / Hann & Adair, / 1885.

(23.2 × 14.9 cm). Pp. 1-77; vignette.

Contents—Title; pref.; list of abbreviations; text, divided under several headings—an “Egg check list” (pp. 5-54), briefly describing the nests and eggs of North American birds as classified in Ridgway’s “Nomenclature of North American birds” (*U.S. Nat. Mus. Bull.* 21, 1881), “Notes” (pp. 55-73), giving further data on several species, and “Brief directions for collecting and preserving birds’ eggs and nests” (pp. 75-77).

The first edition, printed on heavy yellow stock, of a manual standard in its day. Each subsequent edition, except the fourth, was much enlarged and revised, amounting essentially to a new work. With the second (1886; No. 648) the title changed to *Egg check list and key to the nests and eggs of North American birds* and with the third (1889) to *Nests and eggs of North American birds*. The fourth edition appeared in 1889 (*cf.* Zimmer, 160) and the fifth (No. 649) in 1898, this being reprinted with altered title in or after 1900 (No. 650). Original printed green paper wrappers bound in.

Zimmer, 159-160. Sources of review of the second and fifth editions are given below; the third was reviewed in *The Auk* for 1889, p. 328.

648. 1886. Egg check list / and / key to the nests and eggs / of / North American birds / by / Oliver Davie / Second edition revised and enlarged / with / seven full-page engravings / by / Theodore Jasper, A.M., M.D. / Columbus, O.: / Hann & Adair, Printers. / 1886.

(22.3 × 15.1 cm). Pp. 1-184; engr. plates I (front.), II-VII, 2 vignettes.

Contents—1 blank leaf; title, p. 3; pref. to second edit.; list of illustrs.; text, pp. 7-180, describing the nests and eggs of North American birds with brief comments on distribution, habitat, and other matters, “Brief directions for collecting and preserving birds’ eggs and nests” (pp. 181-184).

The first edition (No. 647) appeared in 1885 and was rapidly exhausted, leading to preparation of the present retitled and entirely rewritten edition. Original printed pictorial green paper wrappers bound in.

Reviewed: *Auk*, 1886:416.

649. 1898. Nests and eggs / of / North American Birds / By / Oliver Davie / Author of “Methods in the art of taxidermy,” Etc. / The fifth edition / revised, augmented

and illustrated / Part II. Ornithological and oölogical collecting / (The preparation of skins, nests and eggs for the cabinet.) / Columbus: / The Landon Press / 1898.

(22.3 × 15.3 cm). Pp. [8], 1-509 [510], 1-18, i-xxi [xxii], [14]; half-tone front. (by Fuertes), 268 text-figs.¹ (photos., line-cuts, etc.; 12 full-p.), plates 1-5 (on numb. pp.).

Contents—Half-title; title; ded.; pref. to fifth edit. (dated Jan. 4, 1898); text (much expanded compared with the second edit.), describing the nests and eggs of North American birds and their breeding habits, habitats, etc., in considerable detail, pp. 1-506, with an appendix containing added matter, pp. 507-509; a second part of the text, pp. 1-18 with half-title, deals with ornithological and oölogical collecting techniques; index, pp. i-xxi; advts. from various companies, 7 leaves.

Essentially the final form of this work (first edit., 1885; No. 647), which in its day was valuable to many naturalists. Both textual and illustrative content were drawn from a wide variety of sources, and accordingly vary greatly in authenticity and detail. Bookplate and inscription: Arthur Radclyffe Dugmore.

Wood, 312; Zimmer, 160. Reviewed: *Auk*, 1898:335 (F. M. Chapman).

650. 1900(?). *Nests and eggs of North American / birds, /* by Oliver Davie, / author of "Methods in the art of taxidermy." / With a chapter on ornithological / and oölogical collecting (the / preparation of skins, nests and / eggs for the cabinet). / **The fifth edition, revised and enlarged,** with / two hundred and seventy-four illustrations. / Philadelphia / David McKay, Publisher / 1022 Market Street. [*Title in red and black*]

Except for title and verso thereof (bearing the note, "Copyrighted, 1900, by David McKay"), and the introduction of two pages of advts. by the publisher in place of the group of miscellaneous advts. in the 1898 issue, seemingly identical with the fifth edition, 1898 (No. 649).

651. 1900(?). *Methods in the art of taxidermy, /* by Oliver Davie, / author of "Nests and eggs of North American birds," etc. / Ninety full-page engrav- / ings, chiefly drawn by / Theodore Jasper, A.M., M.D. / The whole containing five hundred figures clearly / illustrating the modes of procedure in the art, / together with examples of characteristic forms / and attitudes of various species of the animal king- / dom. Including reproductions from photographs of / actual work by American taxidermists. / Philadelphia / David McKay, Publisher / 1022 Market Street. [*Title in red and black*]

(25.9 × 18.7 cm). Pp. [4], i-xiv, 1-359; photogr. front., plates I-LXXXIX (half-tones of photos., drawings, etc., many in some way ornith.).

Contents—Title (copyright 1900 on verso); pref.; historical introd., pp. i-viii; conts.; list of plates; text, pp. 1-352, in chapters I-XVI (chapters IV-VIII, pp. 64-181,

¹Zimmer gives 168, possibly by typographical error.

plates X-XLIII, are devoted wholly to birds), giving a very thorough treatment of the various aspects of the subject; index, pp. 353-359.

A useful and authoritative manual in its time; methods in taxidermy, of course, have advanced greatly since 1894 when this work was first published (at Columbus, Ohio).

Wood, 312. Reviewed: *Oologist*, 11:366-367, December, 1894 (Morris Gibbs).

DAVIS, MILES AVERY (1843-1916?)

652. 1916. *The / bird / poems / of / Miles A. Davis / Published by / John White Johnston / of Rochester, New York / Printed by / The Roycrofters / at East Aurora, New York / 1916. [Title in green and black, with decorative green border.]*

(14.3 × 11.0 cm). Pp. 1-37 [38-40].

Contents—1 blank leaf (pp. 1-2); title; introd., by T. Gilbert Pearson, pp. 5-7; poems, pp. 8-37, being 16 in all, with occasional notes interspersed; pp. [38-40] blank.

A handsomely made little book. A photographic portrait, presumably of the author, is pasted inside the front cover of the Ellis copy, which is autographed and inscribed to T. Gilbert Pearson. A slip of paper bearing a correction apparently in the author's handwriting has been pasted over a line on p. 13.

Wood, 312 (giving date of death as "1915?"; details above suggest "1916?" as preferable).

DAWSON, WILLIAM LEON (1873-1928¹)

653. 1903. *The birds of Ohio / A complete, scientific and / popular description of the 320 species of birds / found in the state / By / William Leon Dawson, A.M., B.D. / With introduction and analytical keys by / Lynds Jones, M. Sc. / Instructor in Zoology in Oberlin College. / Illustrated by 80 plates in color-photography, and more than 200 / original half-tones, showing the favorite haunts of the / birds, flocking, feeding, nesting, etc., from photo- / graphs taken by the author and others. / Sold only by subscription / Columbus / The Wheaton Publishing Co. / 1903 / All rights reserved. [Title in red and black.]*

(26.3 × 19.8 cm). Pp. i-xlvi [xlviii], 1-671; photogr. front. (actual photograph mounted on heavy brown stock), col. photogr. plates 1-80, 214 half-tone text-figs.,² 1 half-tone in ded., 1 text-diagram.

Contents—Half-title; limitation leaf; title; ded.; conts.; introd. (by Jones); pref.; list of col. plates; analytical keys (by Jones), pp. xxiii (bearing correction slip)-xliv; table of (size) comparisons, p. xlvii; text, pp. 1-640, being a popular treatment of 320 species of birds admitted to the Ohio list, under the headings Description, Recognition marks, Nesting, General range, and Range in Ohio, followed by gen-

¹ Obit., *Auk*, 1928:417; not "1873?-1926" as given by Wood.

² Zimmer, who collated a copy in 2 vols., gives 212.

eral comments in each case; appendices A-C, pp. 641-660, being a hypothetical list, conjectural list, and check-list of Ohio birds with migration tables; index, pp. 661-671.

A handsome book, although the colored photographs, of indifferently mounted birds with painted backdrops, are poor (they were first published in an ephemeral and variously titled Chicago nature journal). Some old and new records are specifically reported, but the work, although reliable and authoritative enough, lacks the documentation and thoroughness of a serious state avifauna. Such, indeed, was published in the same year by the contributor listed above (*The Birds of Ohio. A Revised Catalogue*. By Lynds Jones. Ohio State Acad. Sci., Special Papers, No. 6, 241 pp. 1903.). Zimmer reports a copy dated and titled as above but in two volumes and larger format. The present "author's edition" was limited to 1,000 copies. The Ellis copy is signed by the author but the copy number has not been filled in. Bookplate of John E. Thayer, Lancaster.

Wood, 313; Zimmer, 161. Reviewed: *Auk*, 1904:297-299 (J. A. Allen).

DAWSON, WILLIAM LEON (1873-1928) and JOHN HOOPER BOWLES¹

654. 1909. **The birds of Washington** / A complete, scientific and / popular account of the 372 species of birds / found in the state / By / William Leon Dawson, A.M., B.D., of Seattle / Author of "The Birds of Ohio" / assisted by / John Hooper Bowles, of Tacoma / Illustrated by more than 300 original half-tones of birds in life, nests, / eggs, and favorite haunts, from photographs by the / author and others. / Together with 40 drawings in the text and a series of / full-page color-plates. / By / Allan Brooks / Large paper edition / With photogravures and special photographs. / Sold only by subscription. / Volume I [II] / Seattle / The Occidental Publishing Co. / 1909 / All rights reserved. [*Titles in red and black.*]

2 vols. (31.8 × 24.3 cm, untrimmed).

Vol. I: pp. [6] i-xv [xvi] [2] 1-458; fotogr. front. and 2 fotogr. plates (actual photos. mounted on heavy stock), 3 fotogr. photogravure plates, 8 col. plates (by Allan Brooks), 168 half-tone text-figs. (photos., and drawings by Brooks; 7 full-page).

Vol. II: pp. [6] i-iii [iv] [2] 459-997; fotogr. front. and 2 fotogr. plates (as above), 3 fotogr. photogravure plates, 8 col. plates (by Brooks), 192 half-tone text-figs. (photos., and drawings by Brooks; 9 full-page), 1 text-diagram.

Contents—Each vol. contains general half-title, limitation leaf, title, conts., and an unpagged volume half-title; vol. I contains also ded. and a leaf of explanation (key to abbreviations, etc.); the text occupies pp. 1-458 of vol. I and pp. 459-935 c vol. II, treating in popular but authoritative fashion each of 372 species and sub-species² admitted to the Washington list, under the headings Description, Recognition marks, Nesting, General range, Range in Washington, Authorities (in the pertinent literature), and Specimens (abbreviations of the collections where housed), wit

¹ Entered before Dawson, 1921 (No. 655) because of the historical relationship of the two.

² The statement, "372 species," in title is erroneous; both species and subspecies are numbered reaching this total.

general remarks added for each form; vol. II is concluded by analytical keys (by Jones), pp. 937-960 with sectional half-title, a "British Columbia supplement" (by Brooks) and Washington hypothetical list, pp. 961-984 with sectional half-title, and index, pp. 985-997 with sectional half-title. Where appropriate much of the matter is taken verbatim from *The birds of Ohio* by Dawson and Jones (No. 653).

An exceedingly handsome work, at the time of publication the most sumptuous of its kind ever attempted. For a considerable time it was also the only work treating the birds of Washington as a whole and, although not really designed as a scientific contribution in regional ornithology, it did present observations not earlier published elsewhere.

It was produced in a complex multiplicity of "editions" (for details see Chambers, cited below), all from the same setting of type but varying somewhat in size, paper, number of plates, and price. There were no less than six varieties of the "deluxe editions," not to mention the "large paper," "popular," "teachers'" etc.! According to the limitation leaf of the copy at hand, 1250 copies of all "editions" were printed, the present "large paper edition" consisting of 200 sets (this is copy 183; the statement of limitation in vol. I is signed by Dawson). According to Chambers, 1064 copies were subscribed for. See also No. 655.

Chambers, W. L., *Condor*, 52:86-87, 1950 (detailed bibl. notes); Nissen, 224; Strong, 1:261; Wood, 313; Zimmer, 161-162. Reviewed: *Auk*, 1909:328-329 (J. A. Allen); *Ibis*, 1910:360-361.

DAWSON, WILLIAM LEON (1873-1928)

655. 1921-(1923?)1924. *The Birds of California / A Complete, Scientific and / Popular Account of the 580 Species and Subspecies of Birds / Found in the State / By / William Leon Dawson / of Santa Barbara / Director of the International Museum of Comparative Oölogy, Author of "The Birds of Ohio" / and (with Mr. Bowles) of "The Birds of Washington" / Illustrated by 30 Photogravures, 120 Full-page Duotone Plates and More Than / 1100 Half-tone Cuts of Birds in Life, Nests, Eggs, and / Favorite Haunts, from Photographs / Chiefly by / Donald R. Dickey, Wright M. Pierce, Wm. L. Finley / and the Author / Together with 44 Drawings in the Text and a Series of / 110 Full-page Color Plates / Chiefly by / Major Allan Brooks / Format De Luxe / Large Paper Edition / Complete in Four Volumes / Volume One [-Four] / South Moulton Company / San Diego, Los Angeles, San Francisco / 1923 / Sold Only by Subscription. All Rights Reserved. [Titles in red and black.]*

4 vols. (31.8 × 24.0 cm, untrimmed).

Vol. I: pp. [6] i-xvii [xviii] 1-522; col. front. (by Brooks), 38 col. plates (36 by Brooks; 1 by George Miksch Sutton; 1 photo.), 23 photogr. plates (8 photogravures, 15 duotones; 62 plates in all), 252 half-tone text-figs. (from drawings by Brooks, and photos.; 5 full-page).

Vol. II: pp. i-xii [2] 523-1034; photogr. front. (photogravure), 34 col. plates (by Brooks), 38 photogr. plates (4 photogravures, 34 duotones; 73 plates in all), 284 half-tone text-figs. (as above; 5 full-page).

Vol. III: pp. i-xiv [2] 1035-1548; photogr. front. (photogravure), 15 col. plates (by Brooks), 46 photogr. plates (8 photogravures, 38 duotones; 62 plates in all), 340 half-tone text-figs. (as above; 7 full-page).

Vol. IV: pp. i-xiv [2] 1549-2121; col. front. (by Brooks), 21 col. plates (19 by Brooks; 1 by Louis Agassiz Fuertes; 1 photo.), 41 photogr. plates (8 photogravures, 33 duotones; 63 plates in all), 272 half-tone text-figs. (as above; 3 full-page), 1 text-diagram.

Contents—All vols. contain half-title, limitation leaf, title, conts., and list of full-page plates. Vol. I contains also ded., pref. (pp. iii-x), and explanations (p. xvii), and vols. II-IV have sectional half-titles on unnumb. leaves immediately preceding text. Page i of prelims. is assigned to the ded. in vol. I (preceded by half-title, limitation, and title) and to the volume half-title of subsequent vols. Text, continuously paged, arabic-numb. pp. 1 (vol. I)-2063 (vol. IV), giving for each of the 580 species and subspecies admitted scientific name and authority, synonyms (vernacular), and concise statements under the headings Description, Recognition marks, Nesting, Range, Distribution in California, and Authorities (selected references to appropriate literature), and a general discussion of the species with special reference to California; analytical keys (with sectional half-title and diagram), pp. 2065-2096; hypothetical list, pp. 2097-2100; index (with sectional half-title), pp. 2101-2121. Occasional sections especially written for children occur throughout this popularly-written but authoritative work.

By far the most sumptuous book prepared on the birds of any American state, resulting from one of the most elaborate publishing enterprises in the annals of American bookmaking. Designed for use on the library table (even the so-called students' edition is rather bulky), the work is semi-popular in style but provides an informative summary of the broad aspects of the habits and distribution of California birds. Now out of date in detail, it will always be notable for its beauty. A number of the plates, both colored and photographic, earlier appeared in the author's *The birds of Washington* (No. 654).

The work was produced in a multiplicity of "editions" (for detail see Chambers, *infra*), approximately 5000 copies in all, from the same setting of type but differing in titles, binding, size, number of plates and volumes, and other trivial particulars. All the variants of the so-called "Format Deluxe" are alike in major content, the "Sunset Edition" (350 copies, of which no. 154 is in the Ellis Collection) being composed of earlier and the "Large Paper Edition" (350 copies, Ellis copy unnumbered) of later sheets in the "deluxe format." Of smaller formats the "Book-lovers' Edition" consisted of four volumes with 96 plates and the "Students' Edition" (No. 656) of three volumes with 15 plates.

Two parts (being the first 128 pp. of vol. I) were distributed in wrappers in February-March 1921. Most copies were recalled later (they are now very rare) and incorporated with the remaining text, which is said (Stone, *infra*) to have been completed by January 24, 1924. Some copies must have been released in 1923, however, since the *Zoological Record* for that year lists the work ("8vo"), recording it again for 1924 ("4to").

Chambers, W. L., *Condor*, 41:231-243, 1939 (detailed bibl. notes); Nissen, 225 (listing in error on some points); Wood, 313 (entry incomplete and misleading); Zimmer, 162 (large paper edit.). Reviewed: *Auk*, 1924:353-358 (Witmer Stone); *Ibis*, 1924:556-558.

656. 1921-(1923?)1924. **The Birds of California.** [*As No. 655, 9 lines*] / Illustrated by More than 1100 Half-tone Cuts of Birds in Life, Nests, Eggs, and / Favorite Haunts, from Photographs / Chiefly [*Etc., as No. 655, 3 lines*] / Together with 44 Drawings in the Text and a Series of / 15 Full-page Color Plates / Chiefly by / Major Allan Brooks / **Students' Edition** / Complete in Three Volumes / Volume One [-Three] / South Moulton [*Etc., as No. 655, 4 lines*].

3 vols. (26.7 × 19.5 cm).

Vol. I: pp. i-xvii [xviii] 1-696; col. front., 6 col. plates, 345 text-figs.

Vol. II: pp. i-xiii [xiv] [2], 697-1432; col. front., 3 col. plates, 463 text-figs.

Vol. III: pp. i-xiii [xiv] [2], 1433-2121; photogr. col. front., 3 col. plates, 340 text-figs., 1 text diagr.

Contents—Except for variations in title and the omission of many plates, essentially the same as those of the more luxurious formats of the work (*cf.* No. 655), being from the same setting of type, save for certain preliminaries.

See No. 655 for discussion of the work.

DEARBORN, NED (1885-)

657. 1903. **The birds of Durham and vicinity** / an account / of the birds known to have been found / within twenty miles of the New Hampshire / College of Agriculture and the Mechanic / Arts; supplemented by a list of birds / that are more or less likely to occur. / By / Ned Dearborn / Thesis for the Degree of Doctor of Science / June, 1902 / Durham, New Hampshire / 1903.

(23.0 × 14.5 cm). Pp. 1-121 [122]; fold. map.

Contents—Half-title; series title "Contributions from the Zoological / Laboratory of the New Hampshire / College of Agriculture and the / Mechanic Arts / VI / The Birds of Southeastern New / Hampshire / By Ned Dearborn, D. Sc."; title; pref.; text, pp. 9-101, being a briefly annotated list with comments on distribution and seasons of occurrence in the area, records of rare species, etc.; supplementary (hypothetical) list, pp. 103-113; index, pp. 114-121; erratum, p. [122].

Title and contents self-explanatory. Original printed paper front cover bound in, inscribed: Prof. Charles B. Cory, with compliments of the Author.

DEGLAND, CÔME DAMIEN, d. 1856

658. 1849. **Ornithologie / européenne, / ou / catalogue analytique et raisonné / des / oiseaux observés en Europe, / Par C.-D. Degland, / Docteur en medecine** [*Etc., 4 lines*] / Tome deuxieme. / Se trouve: / A Paris / Librairie encyclopédique de Roret, / Rue Hautefeuille, 10. / [*Following 3 lines of imprint parallel with previous 3 lines*]: A Lille, / Chez L. Daniel, imprimeur, / Grande-Place, / MDCCCXLIX.

(20.8 × 13 cm). Pp. [2], 1-540.

Contents—Title; text, Troisième-Sixième ordres, pp. 1-529; conts., pp. 331-537; "Additions et corrections typographiques les plus importantes," pp. 539-540.

Diagnoses and descriptions of the species and higher groups of the birds of Europe, with synonymies and various pertinent observations. The work is full of errors and was criticised in detail by C. L. Bonaparte in his *Revue critique de l'ornithologie Européenne* (No. 318). A second ed. was published by Z. Gerbe in 1867 in which some of the errors of the first edition were corrected. Vol. 1 is not present in the Ellis Collection. Bookseller's label pasted over date on title partially torn off. On flyleaf: Harry C. Oberholser.

Wood, 314; Zimmer, 164.

DEIGNAN, HERBERT GIRTON (1906-)

659. 1945. Smithsonian Institution / United States National Museum / Bulletin 186 / **The birds of Northern Thailand** / By / H. G. Deignan / [*Seal of the Smithsonian Institution*] / United States / Government Printing Office / Washington: 1945 / For sale by the Superintendent of Documents, U.S. Government Printing Office / Washington 25, D.C. - Price \$1.25.

(24.2 × 15.2 cm, untrimmed). Pp. i-v [vi], 1-616; half-tone plates 1 (ornith., by W. A. Weber), 2-9 (24 photos. printed both sides of 4 leaves), text-maps 1-4.

Contents—Title; advt.; conts.; list of illustrs.; text, with sections on ornithological exploration (pp. 1-13), geography (pp. 13-16), mountains (pp. 16-17), climate (pp. 17-18), the breeding seasons, migrations, and faunistics of birds (pp. 18-24), vegetation (pp. 24-26), and acknowledgments (pp. 26-27), and an annotated list of birds (pp. 27-572) giving for each species and subspecies name and name authority, synonymy, and a fairly detailed discussion of records, status, etc., with additional comment where possible on molts, habits, soft-parts colors, etc.; index (pp. 573-616).

The chief faunal list dealing with the birds of the area, and one of the most thorough dealing with any country of southeastern Asia. Reviewed: *Auk*, 1946:106 (Ernst Mayr); *Ibis*, 1946:137.

DE KAY, JAMES ELLSWORTH (1792-1851)

660. (?1843)-1844. **Zoology** / of / **New-York**, / or the / **New-York** fauna; / comprising detailed descriptions of all the animals hitherto observed within the / state of **New-York**, with brief notices of those occasionally found near / its borders, and accompanied by appropriate illustrations. / By James E. De Kay. / Part II. **Birds**. / Albany: / printed by Carroll and Cook, Printers to the Assembly. / 1844.

(29.0 × 23.0 cm). Pp. i-xii, 1-380 [381-382]; col. lith. plates 1-141 (by John William Hill).

Contents—Engr. series title "Natural History / of New York. / [Vign.] /

By authority. / New York; / D. Appleton & Co. and Wiley & Putnam; / Boston; / Gould, Kendall & Lincoln. / Albany, / Carroll & Cook Printers to the Assembly. / 1843."; title; copyright; statement of transmission, addressed to the Governor of the State; list of references; synopsis of families and genera—1 leaf to each of these prelims.; text, pp. 1-353, giving names, synonyms, brief descriptions, and short commentaries for the New York species with more abbreviated mention of extralimital species; addenda, p. 354; indexes to English and scientific names, pp. 355-369; list of plates (308 figures are included), pp. 370-380; half-title to plates, p. [381].

The ornithology of the *Natural history of New York*, the zoology of which, by De Kay, was published in six parts (usually bound in five volumes), 1842-44. The entire series appears to have been published 1842-94 and is complexly divided into approximately 25 parts and volumes (*cf.* BMNH), found bound in various combinations, usually 20 volumes or more. The present copy belongs to a set that is not quite complete. The ornithology (part II of the zoology) is sometimes dated 1843-44, some evidence for which is provided by the dating of the titles given above, but Ellis's index (*New York State Museum, Bulletin* 66, pp. 269, 280) lists part II as of 1844.

For a time widely valued because of a deficiency of works of equivalent scope, the present effort gave place in a few years to more scholarly volumes. The plates are of indifferent quality and are more often found uncolored.

Anker, 115; BMNH, III:1423; Coues, 1:633; Nissen, 227; Wood, 314; Zimmer, 164-165.

DELACOUR, JEAN BAPTISTE THÉODORE ALEXANDRE (1890-)

661. 1925. Archives d'Histoire Naturelle / publiées par la / Société Nationale d'Acclimatation de France / I / **Recherches ornithologiques / dans la Province de Quangtri** / (Centre Annam) / et quelques autres régions de l'Indochine Française / par / Jean Delacour / Président de la Section d'Ornithologie de la Société Nationale d'Acclimatation / [*Etc.*, 6 lines]. / et / Pierre Jabouille / Administrateur de 1re classe des Services Civils de l'Indochine / [*Etc.*, 3 lines]. / Paris / Au Siège de la Société: 198, Boulevard Saint-Germain (VIIe) / 1925.

8vo (23.5 × 16.0 cm, untrimmed). Pp. [4] i-xii, 1-197; plates I (front.), II-XI, XI *bis*, XII-XXVII (17 ornith., 9 col., by Delacour and H. Grönvold, 4 by A. Millot, 4 photogr.; 10 photogr., of habitats, etc.; 1 map), tail-piece (reduction of plate XVI).

Contents—Half-title; title; pref.; introd. (by Delacour), pp. iii-xii; text, pp. 1-184, being a fairly detailed account, with synonyms, annotations, and lists of specimens, of a collection of birds made by the authors in Quangtri, Central Annam, French Indo-China, chiefly in 1924; list of chief works on the birds of French Indo-China, pp. 185-186; list of principal discoveries resulting from the work, pp. 187-188; index, pp. 189-197.

A basic regional list. As noted by Zimmer, the new species and subspecies were actually described in the *Bull. Brit. Orn. Club*, 45:28-35, 1924, although here

marked "sp. nov." etc. Further description of the collection involved appears in *The Ibis*, January 1925, pp. 209-260, where also plates XI *bis* and XXVI of the present work first appear. The work represents the first volume (see also No. 662) of a series established to accommodate papers too large for publication in *L'Oiseau*, the well-known periodical of the Société Nationale d'Acclimatation. Inscribed on half-title: to Stuart Baker / with the authors' kindest regards / Delacour.

Nissen, 230; Wood, 314; Zimmer, 165. Reviewed: *Ibis*, 1925:726.

662. 1927. Archives d'Histoire Naturelle / publiées par la / Société Nationale d'Acclimatation de France / III / **Recherches ornithologiques / dans les provinces du Tranninh / (Laos) / de Thua-Thien et de Kontoum / (Annam) / et quelques autres régions de l'Indochine Française / par / Jean Delacour / Président de la Section d'Ornithologie de la Société Nationale d'Acclimatation / [Etc., 6 lines]. / et / Pierre Jabouille / Administrateur de Ire classe des Services Civils de l'Indochine / [Etc., 3 lines]. / Paris / Au Siège de la Société: 198, Boulevard Saint-Germain (VIIe) / 1927.**

(25.0 × 16.5 cm, untrimmed). Pp. [4] i-xii, 1-216 [217]; plates I (front.), II-XIV (6 ornith., col., chiefly by H. Grönvold; 8 fotogr.), 2 maps.

Contents—Half-title; title; pref.; introd. (by Delacour, including a list of recent papers on Indo-Chinese birds), pp. iii-xii; text, pp. 1-196; list of important discoveries, pp. 197-200; errata, p. 201; index, pp. 203-216; printer's imprint, p. [217].

A report on continuation of work carried out by the authors in Quangtri, French Indo-China, in 1923-24, the present paper covers collections made in the additional areas named above in 1925-26. The form is similar to that of the Quangtri report (No. 661) and the new species and subspecies were again first described in the *Bull. Brit. Orn. Club* (47:151-170, 1927). Original wrappers bound in at end.

Wood, 314. Reviewed: *Ibis*, 1927:534-535.

663. 1931. Exposition Coloniale Internationale / Paris 1931 / Indochine Française / **Les Oiseaux / de / l'Indochine Française / par / J. Delacour & P. Jabouille / Tome I [-IV].**

4 vols. (28.2 × 19.0 cm, untrimmed).

Vol. I: pp. i-lvi, 1-279 [280-282], i-xlvi; col. plates I-VI, VIII-IX, VII, X-XIV¹ (by Grönvold), 1 diagr., 2 maps.

Vol. II: pp. 1-339 [340-342], i-lxi [lxii]; col. plates XV-XIX, XXI, XX, XXII-XXVII (=XV-XXVII).

Vol. III: pp. 1-348, i-lxxiii [lxxiv-lxxvi]; col. plates XXVIII-XXXI, XXXIII, XXXII, XXXIV-XXXVII, XL-XLI, XXXVIII-XXXIX, XLII-L (=XXVIII-L).

Vol. IV: pp. 1-296, i-lxvi [lxvii-lxviii]; plates LI, LIII, LII, LIV-LXII, LXIV, LXIII, LXV-LXVII (=LI-LXVII; plate LIII half-tone, rest col.).

¹ Irregularity of arrangement of plates as shown also occurred in three other copies examined.

Contents—Vol. I: half-title, p. iii; title, p. v; diagram of bird, p. vi; explanation of diagram, p. vii; avant-propos (dated at Clères, 1 May 1931), pp. ix-x; preliminary chapters I-VI, pp. xi-lvi, being introd. and comments on nomenclature and classification, history, geography, synonymy, and bibl.; text proper (chapter VII, part), pp. 1-279, being a systematic list of species and subspecies, with comments on higher categories, and, for each form treated, scientific and French vernacular names, selected synonyms, description, measurements, and comments on habits and distribution; addenda and corrigenda, p. [281]; systematic and alphabetical indexes, pp. i-xlvi, printer's imprint ("Aurillac, Imp. du Cantal Républicain"), p. xlvi. Vols. II-IV: half-title, p. 3; title, p. 5; text, pp. 7-339, 7-345, and 7-293, respectively; addenda and corrigenda, p. [341], pp. 347-348, and pp. 295-296, respectively; indices, pp. i-lxi, i-lxxiii, and i-lvi, respectively; vol. IV has also the table des planches (pp. lvii-lx), an appendix (pp. lxi-lxiii) with additional notes from Laos, and the table générale des matières (pp. lxxv-lxxvi). Printer's imprints ("Aurillac, Imprimerie du 'Cantal Républicain'") appear on pp. lxii, lxxv, and lxxviii of vols. II-IV. The text is divided as follows: vol. I, Colymbiformes, Procellariiformes, Lariformes, Pelecaniformes, Ardeiformes, Anseriformes, Charadriiformes, Gruiformes, Galliformes; vol. II, Columbiformes, Falconiformes, Strigiformes, Psittaciformes, Cuculiformes, Piciformes, Trogoniformes, Caprimulgiformes, Apodiformes, Coraciiformes; vol. III, Passeriformes (Eurylaimidae-Timaliidae); vol. IV, Passeriformes (Aegithinidae-Corvidae).

An important faunal work on the birds of a large and hitherto obscure area, the ornithology of which is still comparatively little known. This handsome set sums up several years of field work on the part of the authors (for citation of later work by the senior author and others see *Auk*, 1940:428-429), resulting in the accumulation of some 20,000 specimens and the publication of a number of short contributions, and integrates the information so obtained with that available in earlier literature. According to the final page, the work was published on August 15, 1931. Original wrappers bound in at end of each volume.

Reviewed: *Auk*, 1932:250-251 (Witmer Stone); *Ibis*, 1932:173-175.

DELEUZE, JOSEPH PHILIPPE FRANÇOIS (1753-1835)

664. 1823. *Histoire et description / du / Muséum Royal / d'Histoire Naturelle, / ouvrage rédigé d'après les ordres de l'administration / du Muséum, / par M. Deleuze, / Avec trois plans et quatorze vues des Jardins, des Galeries / et de la Ménagerie. / A Paris, / chez M. A. Royer, au Jardin du Roi. / De l'Imprimerie de L. T. Cellot, Rue du Colombier, No 30. / M. DCCC. XXIII.*

2 vols. (titles identical), 8vo (22.9 × 15.1 cm, untrimmed).

Vol. I: pp. i-vi, 1-330; 3 engr. fold. plans, 5 engr. plates.

Vol. II: pp. [4] 331-720; 9 engr. plates (1 ornith.).

Contents—Each vol. contains half-title and title, and vol. I contains pref. and introd. (pp. 1-6). The continuously paged text occupies pp. 7-714 (chapters I-VII), being a history of the Royal (Paris) Museum of Natural History, with a list of its principal employees as of January, 1820, descriptions of the grounds,

gardens, various collections (birds, vol. II, pp. 435-492), menagerie (birds listed vol. II, pp. 691-692), library, etc., with explanation of the three plans of the museum appearing on pp. 715-720.

A thorough and interesting account containing considerable information of historic value. An English edition was published simultaneously (BMNH). The bindings of the present set bear the gold-stamped monograms of Queen Marie Louise.

BMNH, IV:1516.

DELONG, GEORGE WASHINGTON (1844-1881)

665. 1883. *The voyage of the Jeannette*. / The ship and ice journals / of / George W. DeLong, / Lieutenant-Commander U.S.N., and commander / of the polar expedition of 1879-1881. / Edited by his wife, / Emma DeLong, / with two steel portraits, maps, and many / illustrations on wood and stone. / In two volumes. / Vol. I [II]. / [*Vign.*] / Boston: / Houghton, Mifflin and Company. / New York: 11 East Seventeenth Street. / The Riverside Press, Cambridge. / 1883.

2 vols., 8vo (23.0 × 14.2 cm).

Vol. I: pp. i-xii, 1-440; engr. front. (port.), 9 engr. plates, 29 engr. text-figs. (2 ornith.), 2 fold. maps (1 col.).

Vol. II: pp. i-x, 441-911; lith. sepia front., 7 engr. plates, 29 engr. text-figs. (2 ornith.), 2 fold. maps (1 col.).

Contents—Vol. I: title; pref.; conts.; list of illustrs.; text, pp. 1-440, chapters I-IX. Vol. II: title; conts.; list of illustrs.; text, pp. 441-869, chapters X-XXIII; appendices A-I, pp. 871-902, treating various technical matters and naval court records; index, pp. 903-911. The text contains occasional reference to birds and other forms of life noted in the Arctic Ocean north of Bering's Strait, and in eastern Siberia and the Lena Delta.

Edited posthumously from the logs and journals of the U.S.S. *Jeannette* as kept by the author, who with most of the ship's company perished on the Lena Delta at the end of October, 1881. The ornithological content of this well-written and gripping account is slight. This issue in half-leather. The 1884 issue (also in the Collection) is in stamped pebbled cloth with illustration of the *Jeannette* on the upper board.

DEMENT'EV, GEORGII PETROVICH

666. 1935. S. A. Buturlin & G. P. Dementiev / *Systema / avium Rossicarum /* (Catalogue critique des Oiseaux de l'U.R.S.S.) Volume I / *Accipitres—Striges—* Passeres / par / le Professeur Georges P. Dementiev / Chef de la Section Ornithologique du Musée Zoologique / de l'Université de Moscou; / [*Etc.*, 7 lines]. / Paris / 25, rue La Condamine (XVII^e) / L'Oiseau et la Revue Française d'Ornithologie / 1935.

8vo (24.2 × 16.2 cm). Pp. [2] i-vi, 1-288; 8 plates (4 col., 4 half-tone; variously

by Dement'ev, W. Watagin (i.e. V. Vatagin), A. Formozov, and A. Yazykov), 1 map.

Contents—Title, 1 leaf; dates of appearance (of the several parts listed below), p. i; introd., p. iii; pref., pp. v-vi; text, pp. 1-277; addenda et corrigenda, pp. 278-286; table des matières, pp. 287-288. The French text treats the orders Accipitres (=Falconiformes), Striges (=Strigiformes), and Passeriformes, dealing, respectively, with 94, 54, and 709 numbered forms (species and subspecies). For each is given scientific name, brief synonymy, and a short discussion of distribution. A few forms are added in the addenda.

The first volume, entirely by Dement'ev, of a useful survey of the birds of the U.S.S.R. A second volume was published in 1960 as a special number of vol. 30 of *L'Oiseau et la Revue Française d'Ornithologie*. The text of the present volume was first published serially in *L'Oiseau*, 3:457-518 (1 July 1933; Accipitres, Striges, pt.); 3:727-780 (1 Oct. 1933; Striges, concluded; Passeres; Corvidae Sturnidae, Oriolidae); 4:267-296 (1 April 1934; Fringillidae); 4:508-530 (1 July 1934; Ploceidae, Emberizidae); 4:591-625 (20 Dec. 1934; Alaudidae, Motacillidae, Mniotiltidae, Zosteropidae, Certhiidae, Sittidae); 5:70-106 (1 March 1935; Paridae, Panuridae, Paradoxornithidae, Regulidae, Laniidae, Campephagidae, Brachypodidae, Muscipidae); 5:292-321 (1 May 1935; Sylviidae); 5:422-461 (1 Oct. 1935; Turdidae, Timaliidae, Prunellidae, Troglodytidae, Hirundinidae).

Reviewed: *Auk*, 1934:122; 1936:106-107 (Witmer Stone).

DESFONTAINES, RENÉ LOUCHE (1750-1833)

667. 1880. The Willughby Society. / Desfontaines's / *Mémoire / sur / quelques nouvelles espèces d'oiseaux / des côtes de Barbarie.* / [Vign.] / Edited by / Alfred Newton, M.A., F.R.S., etc. / London: MDCCCLXXX.

(25.5 × 19.0 cm). Pp. i-iv [2] 496-505 [4]; engr. plates I-VII (by Fossier; numb. I-XVI in original).

Contents—Title, p. i; pref., pp. iii-iv (signed A[lfred]. N[ewton]., 10 March 1880); facsimile of original vol.-title, 1 leaf ("Histoire / de / l'Académie / Royale / des Sciences. / Année M. DCCLXXXVII. / Avec les Mémoires de Mathématique & de Physique, / pour la même Année, / Tirés des Registres de cette Académie / [Royal arms] / A Paris, / de l'Imprimerie Royale. / M. DCCLXXXIX."); facsimile of original text, pp. 496-505, preserving pagination and signatures (4to); Willughby Soc. advt., 2 leaves.

Six forms, purportedly new, are named and described in some detail. Desfontaines' only ornithological paper. The plates are very crudely drawn.

Zimmer, 166-167.

DESMAREST, ANSELME GAËTAN (1784-1838)

668. 1805-07. *Histoire naturelle / des / tangaras, / des manakins et des todiers,* / par Anselme-Gaëtan Desmarest; / Avec figures imprimées en couleur, d'après les

dessins de Mademoiselle / Pauline de Courcelles, élève de Barraband. / Paris, / Garnery, rue de Seine; / Delachaussee, rue du Temple, No. 37. / XIII.=1805.

Broadside (55.2 × 36.2 cm, untrimmed). Pp. [6] 1-8 [68]¹ 1-12 [48]; 72 engr. col. plates.

Contents—Half-title, 1 leaf (printer's imprint on v.: "De l'imprimerie de L.-É. Herhan."); title, 1 leaf; ded. ("À Geoffroy Saint-Hilaire"), 1 leaf; text, with general remarks (paged in the first 2 instances) on the tanagers, manakins, todies, and "platyrinques," followed by treatment of the individual species recognized with description in Latin, synonymies, and general remarks in French (68 leaves in all); "avis servant de table," 1 leaf, being a statement of the order in which the plates are supposed to appear. According to Coues, the genera *Euphonia* and *Ramphocelus* are new.

A handsome enough work but one of indifferent merit. Such ornithological interest and importance as it can claim today is chiefly historical. It was published in 12 livraisons, the dating of which is given by Sherbourne (*Index Animalium*, Sect. 2, Pt. 1, p. xliii, 1922). Some copies have portrait. Bookplate of John E. Thayer, Lancaster; supra libros of the French Imperial eagle, not identified. Inscription on half-title: Eleanor Sandes / Presented to her by / Rev^d H. Tacy / Novem^b 1861.

Anker, 116; Coues, 3:616 (crit.); Newton, 23 (crit.); Nissen, 238; Ronsil, 147; Wood, 316; Zimmer, 167.

DEWAR, DOUGLAS (1875-)

669. [1903] **Animals of no / importance.** / By / D. Dewar. / Calcutta and Simla: / Thacker, Spink & Co. / London: / W. Thacker & Co., 2, Creed Lane, E.C.

(22.5 × 14.0 cm, untrimmed). Pp. [6] 1-113.

Contents—Title; conts.; note; ded.; errata slip; text, pp. 1-113, in chapters I-XX, being a series of informal essays pleasantly written and devoted to various aspects of Indian natural history, many of them ornithological.

Popular matter reprinted from *The Times of India* (mainly) and *The Indian Daily Telegraph*. I can find no bibliographic reference to the work, which I suspect of being one of the author's earliest in book form. The only date noted occurs on p. 2, and is March 6, 1900, referring to observations at sea en route to India. Bookplate of Major General Sir Percy Zachariah Cox.

BMC, vol. 51, col. 1180 (date).

670. 1909. **Birds of / the plains** / By Douglas Dewar, F.Z.S., I.C.S. / With sixteen illustrations / from photographs of living birds / by Captain F. D. S. Fayrer, I.M.S. / London: John Lane The Bodley Head / New York: John Lane Company MCMIX [*Title in red and black.*]

(21.2 × 13.7 cm). Pp. i-viii, [4], 1-257, [6]; photogr. front., 15 photogr. plates.

¹ Somewhat misarranged in binding.

Contents—Half-title; title; pref.; conts.; list of illustrs.; repeated half-title; text, pp. 1-239, in chapters I-XLII (numb. in conts.), being a popular account of a number of Indian plains birds; appendix, pp. 241-246, a list of birds recorded both in England and India; glossary of Indian words, pp. 247-248; note, p. 249; index, pp. 251-257, with sectional half-title; advts., 3 leaves.

A collection of informative and interesting articles first published variously in *The Civil and Military Gazette*, *The Times of India*, *The Madras Mail*, *The Indian Field*, and *The Englishman*. Bookplate of Major General Sir Percy Zachariah Cox.

Wood, 317; Zimmer, 170.

671. 1912. **Jungle folk** / Indian natural history / sketches by Douglas Dewar / London: John Lane The Bodley Head / New York: John Lane Company MCMXII. [*Title in green and black.*]

(21.5 × 13.9 cm). Pp. i-viii, 1-271, [8] 1-16.

Contents—Half-title; title; pref.; conts.; repeated half-title, p. 1; text, pp. 3-257, in chapters I-XLIV, nearly all ornithological, being popular accounts of a variety of Indian jungle birds and other animals; note, p. 259; glossary of Indian words, pp. 261-262; index, with sectional half-title, pp. 263-271; advts., 4 leaves and pp. 1-16.

Popular and readable articles first published variously in *The Albany Review*, *The Madras Mail*, *The Times of India*, *The Indian Daily Telegraph*, *The Indian Field*, and *The Indian Forester* (this according to note on p. 259). Bookplate of Major General Sir Percy Zachariah Cox.

672. 1915. **Birds of the / Indian hills** / By Douglas Dewar / A companion volume to / the bird volumes of "The / Fauna of British India" / London: John Lane, The Bodley Head / New York: John Lane Company / Toronto: Bell & Cockburn MCMXV.

(18.9 × 12.0 cm). Pp. 1-264 [16].

Contents—Half-title; title; note; conts.; text, pp. 9-247, in 14 unnumb. sections divided into three separately subtitled parts dealing with (I) Birds of the Himalayas, (II) Birds of the Nilgiris, and (III) Birds of the Palni Hills; appendices, with sectional half-title, listing vernacular names of (I) Himalayan birds and (II) Nilgiri birds, pp. 249-257 in all; index, pp. 258-264; advt., 8 leaves. The popularly-written text is informative and entertaining.

An introduction to Indian hill birds for amateur students, parts of which were earlier published in *The Pioneer*, *Madras Mail*, *Englishman*, *Indian Field*, and *Bird Notes* (note, p. 5). As noted by Zimmer: "The bird volumes of 'The Fauna of British India' to which reference is made in the title, are those by Oates and Blanford, 1889-98. . . ."

Wood, 318; Zimmer, 170.

673. 1920. **Indian birds** / being a key to the common / birds of the plains of India / By Douglas Dewar / A companion volume to / the bird volumes of "The / Fauna of British India" & / Jerdon's "Birds of India" / London: John Lane The Bodley Head / New York: John Lane Company MCMXX.

(18.8 × 12.8 cm, untrimmed). Pp. 1-230.

Contents—Half-title; title; pref., pp. 5-13, including lists of local Indian faunal lists compiled from various journals; pref. to second edit., p. 14; conts.; text, with sectional half-titles, part I (pp. 17-85), after a list of Hindustani vernacular names, consisting of a sort of key, in which common Indian plains birds, exclusive of game species, are grouped into three series, according to structural peculiarities, colour, and habits, and part II (pp. 87-228) consisting of a descriptive list of the birds already so classified, with further references to Oates and Blanford's ornithological portion of *The Fauna of British India* and Jerdon's *Birds of India*, as mentioned in title; index, pp. 229-230.

A concise and useful approach to learning common Indian birds, for beginners. According to Zimmer, the first edition appeared in 1910, and another impression of the present edition in 1923. According to preface (dated 1919), this second edition is little revised. Bookplate of Major General Sir Percy Zachariah Cox.

Wood, 318; Zimmer, 170 (both describing impression of 1923). Reviewed (first edit.): *Ibis*, 1911:166.

674. 1925. **Indian bird life** / Or the struggle for existence / of birds in India / By Douglas Dewar / London / John Lane The Bodley Head Limited.

(18.5 × 13.0 cm). Pp. i-xv [xvi] [1-2] 3-276.

Contents—Half-title; title; pref., pp. v-vi; conts.; introd., pp. ix-xiii; list of abbrevs., p. xv; text, with repeated half-title, pp. 1-265, in chapters I-IX, being a brief, popularly-worded consideration of factors influencing the populations of Indian birds, with particular emphasis on destructive agencies; index of "Species of which the name has recently been changed," pp. 267-272; "Index of authorities quoted," pp. 273-276.

Described in the preface as "largely a compilation of the observations of field naturalists." Population dynamics were little understood in 1925 when the ecology of vertebrates was yet in its infancy. Bookplate of Major General Sir Percy Zachariah Cox.

Wood, 318.

675. 1928. **Game Birds** / By / Douglas Dewar / Author of "Birds at the Nest," [*Etc.*, 2 lines] / With wood engravings / by / E. Fitch Daglish / [*Vign.*] / London / Chapman & Hall Ltd. / 1928.

(28 × 19.5 cm). Pp. i-ix [x] 1-256; front. and 18 plates (mounted engravings with captions on tissue overlay), 3 text illus.

Contents—Title; pref.; conts.; list of illustrs.; text, pp. 3-245, in 20 chapters,

Part I "Game Birds in General," chapters I-IV, covers characteristics and classification, coloration, moult, and hybrids, Part II "British Game Birds," deals with specific birds, chapters V-XIX, with "A key to the Wild-fowl of the British Isles," chapter XX; appendix, "A Bibliography of British Game Birds," pp. 247-8; index, pp. 249-256. Inscription on front free endpaper: Michael A. Buxton / from / his Godfather, / F. Michael Fox. / Christmas Day. 1931.

Coe, p. 77.

DEWAR, JOHN MICHAEL

676. 1924. *The bird as a diver* / A contribution to the natural / history of diving birds / By / John M. Dewar, M.D. / London / H. F. & G. Witherby / 326 High Holborn, W.C. / 1924.

(21.6 × 14.5 cm). Pp. i-xii, 1-173 [174].

Contents—Half-title; title; pref.; conts.; list of common and scientific names of birds mentioned; text, pp. 1-166, chapters I-XXIII, presenting a meticulously detailed and documented study devoted almost entirely to the diving behavior of 23 British species as studied in Scotland, with chief emphasis on the depth and duration of dives in relation to various factors and in various species; references, pp. 167-169; index, pp. 171-173; printer's imprint (William Brendon & Son, Ltd., Plymouth), p. [174].

A useful scientific study in a very limited field of avian behavior. The work makes no pretense of dealing with physiological and structural adaptation, evolution, or related theoretical matters. Data were accumulated on 6000 dives. Book-plate of Major General Sir Percy Zachariah Cox.

Wood, 318; Zimmer, 170. Reviewed: *Auk*, 1924:490-492 (Witmer Stone); *Ibis*, 1924:558-559.

DICKERSON, ROY ERNEST (1877-)

677. 1928. *Distribution of life in / the Philippines* / By / Roy E. Dickerson / in collaboration with / Elmer D. Merrill, Richard C. McGregor, W. Schultze / Edward H. Taylor, and Albert W. C. T. Herre / [*Seal of Bureau of Science*] / Manila / Bureau of Printing / 1928.

(24.0 × 15.2 cm, untrimmed). Pp. 1-322; fotogr. front., plates 1-42 (plates 1-24, 27-32, 34-37 fotogr., printed both sides except for plates 7, 34, and 37; plates 25-26 [ornith.], 33 [entomological] col., offset lith.; plates 38-42 fold maps, plate 41 col.), text-figs. 1-64 (half-tones, line cuts; figs. 28-49 ornith., fig. 49 being a map).

Contents—Title, p. 1; notice, p. 2; pref., pp. 3-4; conts.; list of illustrs.; introd., pp. 21-30, discussing general distributional conditions, zoological and botanical regions, and general principles; text, pp. 31-303, divided into thorough considerations of (1) geography, geology, climate, and hydrography, and (2) biology (characteristic habitats, flora, and systematic groups of animals; birds, pp. 168-213, by McGregor—with discussion of families, genera, endemic species, and faunal areas); index, pp. 305-322.

A valuable zoogeographical consideration of the biota of an interesting island group. According to note on p. 2 the work was published October 25, 1928, as Monograph 21 of the *Monographs of the Bureau of Science, Manila, Philippine Islands*. Original wrappers bound in at end.

Noticed: *Auk*, 1930:286.

DICKEY, DONALD RYDER (1887-1932)

678. 1938. **The Birds of El Salvador** / By / Donald R. Dickey / Late Research Associate / California Institute of Technology / and / A. J. Van Rossem / Research Fellow / California Institute of Technology / [*Emblem of Field Museum*] / Zoological Series / Field Museum of Natural History / Volume 23 / March 21, 1938 / Publication 406.

8vo (24.0 × 15.9 cm, untrimmed). Pp. [4] 1-609; plates I (half-tone front.; ornith., by Allan Brooks), II-XXIV (photogr., printed both sides; showing habitats), text-figs. 1-29 (line cuts of maps, etc.).

Contents—Half-title; series-title (Publications / of / Field Museum of Natural / History / Zoological Series / Volume XXIII / [*Emblem of Field Museum*] / Chicago, U.S.A. / 1938); title (above); conts.; list of illustrs.; pref. (by Van Rossem); text, with introductory matter (itinerary, acknowledgments, summary of ornith. work, gazetteer, remarks on topography, climate, life zones, geographical distribution, and method of treatment), pp. 9-58, and an annotated list of species, pp. 58-595; hypothetical list, pp. 595-596; explanation of plates, pp. 597-599; index, pp. 601-609. In the annotated list, after citation of original description and references pertinent to El Salvador, each species is treated under such headings as Specimens and records (or Specimens collected), Status, Remarks, Nesting, Plumage notes, and Colors of soft parts.

This thorough and valuable faunal study is based upon more than 4,000 specimens, the majority collected by Van Rossem, or under his direction. Among its special virtues is the copious information on geographic variation and habits incorporated wherever relevant in the annotations, together with the thorough notes on nesting and plumage. Some of this material is of interest and utility far beyond the borders of El Salvador; there is much, for example, on the winter activities of North American migrants.

The work is based chiefly upon field investigations conducted by Van Rossem in 1912 and 1925-27. Supported financially by Dickey, the work was originally intended to be a joint scientific venture, but the text was prepared almost entirely by Van Rossem, who generously maintained the role of second author after Dickey's death.

Reviewed: *Auk*, 1938:557-559 (Ludlow Griscom).

A DICTIONARY OF NATURAL HISTORY

679. 1802. **A / dictionary / of / natural history;** / or, complete / summary of zoology. / Containing / a full and succinct description / of all the / animated beings in

nature; / namely, / [*the following 8 words in three columns of two lines each:*] quadrupeds, birds, amphibious animals, fishes, insects, and worms. / Displaying their respective / Classes, Orders, Genera, Species, and Varieties, / According to the Arrangements of the most celebrated Naturalists, / particularly that of Linnaeus. / With all the various, detached, and unclassified Animals, discovered by / modern naturalists. / The whole forming a complete Delineation of all the numerous Creatures which compose / the animal kingdom, / as also all the fabulous animals of antiquity. / [*Rule*] / To which is prefixed, / a series of illustrative definitions, / Explaining the necessary technical and scientific Terms; exhibiting the / Modes and Properties of the Different Classes of Animals; and shewing / the different Arrangements of Naturalists. Elucidating the justly admired / Science of Natural History; and tending to facilitate its Acquirements. / [*Rule*] / Illustrated with accurate Engravings of the most important and / interesting Animals. / [*Rule*] / London: / Printed by C. Whittingham, / Dean Street, Fetter Lane, / For J. Scatcherd, Ave-Maria Lane; W. Peacock, Salisbury- / Square; Vernor and Hood, Poultry; and J. Harris, St. / Paul's Church-Yard. / [*Rule*] / 1802.

(13 × 9.5 cm). Pp. i-xxxii [496]; 48 col. plates (containing 141 illus., 63 of them showing birds).

Contents—Title; Preface (p. iii); Definitions (pp. iii-xxxii); Dictionary (pp. [1-492]); Directions to the Binder for placing the Plates (p. [493]); publisher's advert. (pp. [494-496]).

Many entries for birds, of varying length, giving description and habitat but somewhat inconsistent in detail. Small unsophisticated engravings by V. Woodthorpe.

DICTIONNAIRE PITTORESQUE D'HISTOIRE NATURELLE

680. 1833-1839. Dictionnaire / pittoresque / d'histoire naturelle / et / des phénomènes de la nature, / contenant / l'histoire des animaux, des végétaux, des minéraux, / des météores, des principaux phénomènes physiques et des curiosités naturelles, / avec des détails sur l'emploi des productions des trois règnes / dans les usages de la vie, les arts et métiers et les manufactures. / Rédigé par une société de naturalistes, / sous la direction de M. F.-E. Guérin, / membre de la Société d'Histoire Naturelle de Paris [*Etc.*, 5 lines] / Avec planches gravées sur acier par M. Beyer, / sur les dessins de M. de Sainson, dessinateur du Voyage de l'Astrolabe. / Tome premier [-neuvième] / [*Rule*] / Paris, / Au Bureau de Souscription, / Rue Saint-Germain-des-Prés, no 4. / [*Rule*] / 1833-1834 [-1839].

Remaining volumes titled as follows:

[*Same as Tome 1, 17 lines*] / Avec planches gravées sur acier sur les dessins de MM. de Sainson et Fries. / Tome deuxième. / [*as Tome 1, 5 lines*] / 1835.

[*Same as Tome 2, 18 lines*] / Tome troisième. / [*as Tome 2, 6 lines*].

[*Same as Tome 2, 17 lines*] / Avec planches gravées sur l'acier d'après les dessins de MM. de Sainson et Fries. / Tome quatrième. / [*as Tome 1, 5 lines*] / 1836.

[*Same as Tome 4, 18 lines*] / Tome cinquième. / [*as Tome 1, 5 lines*] / 1837.

[*Same as Tome 4, 18 lines*] / Tome sixième / [*as Tome 1, 5 lines*] / 1838.

[*Same as Tome 4, 18 lines*] / Tome septième. / [*as Tome 6, 6 lines*].

[*Same as Tome 4, 18 lines*] / Tome huitième. / [*as Tome 1, 5 lines*] / 1839.

[*Same as Tome 4, 18 lines*] / Tome neuvième. / [*as Tome 8, 6 lines*].

Atlas of 720 plates, in two volumes, without title pages.

11 vols. (30 × 19.5 cm, untrimmed).

Contents—Each text vol. contains half-title and title, followed by text (pp. 1-640; tome 9, pp. 1-612) in dictionary form. Tome 1 contains Introduction (pp. v-viii); list of abbreviations, and list of authors with the initials by which their articles are signed (p. viii). Tome 9 contains, at the end of the dictionary sequence: Supplement comprenant les articles relatifs à des découvertes faites pendant la publication du dictionnaire, ou qui ne se trouvent pas à leur ordre alphabétique (pp. 613-636); Table des mots qui, n'étant pas ordinairement dans les dictionnaires d'histoire naturelle, se trouvent dans celui-ci; de ceux qui sont traités dans les articles généraux, et non à leur ordre alphabétique, et des noms vulgaires renvoyés aux articles scientifiques dans lesquels les objets qu'ils designent sont décrits (pp. 637-663); Principales fautes à corriger (p. 664); list of authors with the initials by which their articles are signed (p. 664).

Frequently extensive articles on birds, covering description, location and authorities. The full list of contributors is Gabriel Bibron, Boblaye, Bory de Saint-Vincent, Amedée Burat, Clavé, Théodore Cocteau, Charles d'Orbigny, Doyère, Duclos, François Foy, Garnot, Paul Gentil, Z. Gerbe, Gervais, Grimaud de Caux, Edouard Guérin, A. Guichenot, Henry Guillaumé, J. Huot, H. Huppé, Jacquemin, C. Jube de la Perelle, Lallement, Laurent, C. Lemaire, J. Levêque, Hippolyte Lucas, Malpeyre, Martin-Saint-Ange, V. Meunier, Achille Percheron, A. Rivière, Alex., Em., and Louis Rousseau, Rang Sander, Thiébaud de Berneaud, and Th. Virlet. Ornithological articles appear to have been written by a number of the authors. Each plate includes a number of subjects, in some cases one picture including a bird, insect, mammal, and plant. According to the *National Union Catalog* the plates are also to be found colored.

Wood (p. 371) describes the work as "of some value from the zoological viewpoint" and indicates that it was continued as the *Magasin de Zoologie*, 1833-1849.

DIGGLES, SILVESTER, 1817-1880

681. 1866(?) - 1868 [1870]. **The / ornithology / of / Australia, / by / Silvester Diggles. / Dedicated by permission to His Excellency Sir George Ferguson Bowen, G.C.M.G., / First Governor of Queensland. / Part 1. [-19]¹ Price 10s. / Queensland: / printed for the author by T. P. Pugh, Queen Street, Brisbane. / Copies of the work may be obtained on application to Mr. S. Diggles, Kangaroo Point, Brisbane; or to his Agent, Mr. George Slater, / Bookseller, Brisbane. [*Wrapper-title*]**

In pts. 11-19 a cartouche bearing the words "This Work obtained a / Prize

¹Numbers in manuscript.

Medal at the / Melbourne Exhibition, 1867." is added between the part number and price statement. In pts. 16-19, further text is added to the title: "Subscribers are requested to be punctual in their payments." (below the cartouche), and "Subscribers are requested not to have their copies bound until the completion of the Work, as an Index will then be supplied by which the whole will be classified." (below the imprint).

19 (of 21) pts. (38.7 × 28.2 cm), untrimmed. 114 leaves; 114 lith. col. plates (should be 126 leaves and 126 plates; plates by Diggles and Rowena Birkett Cumming²).

Contents—19 pts., each in original wrappers, with 6 plates and 6 leaves per pt., making 114 plates and 114 leaves of letterpress (generally 1 page per plate). Missing from the Ellis copy are pts. 20 and 21, which would bring the total to 126 leaves and 126 plates depicting 223 forms. These and 26 more are described in the text, making 249 forms treated.³ The descriptions are brief and without synonymies or highly technical matter. Two species, however, are described as new, *Strix walleri* (pt. 7, 1866) and *Ptilorhynchus rawnsleyi* (pt. 15, 1867), the latter, according to Mathews, being based on a hybrid.

An interesting work now chiefly of historical interest and decidedly rare in the present form. It was designed for Australian ornithologists unable to afford or obtain Gould's *Birds of Australia*. According to the prospectus on back wrapper (in present set on parts 1-5 and 19; other back wrappers carry a list of subscribers)⁴ about 40 parts were projected. Only 21 appeared. Although Mathews indicated publication of the first ten (they were supposed to appear monthly) in 1866, he seems to have had no absolute proof of this. His collation further gives parts 11-15 as of 1867, parts 16-20 as of 1868, and part 21 as of 1870. In 1877 the parts were collected, indexed (the plates being numbered in the indices), and reissued in two volumes under title of *Companion to Gould's handbook; or, synopsis of the birds of Australia. Containing nearly one-third of the whole, or about 220 examples. . .*⁵ According to Zimmer, collation in this form is pp. i-ix [x], 61 leaves, 60 plates; and pp. i-vi, 65 leaves, 63 plates. These bear the imprint: "Brisbane: printed by Thorne & Greenwell, Edward Street." Omitted from this issue were the plates of *Microglossus aterrimus* (pt. 2 of original issue) and *Elanus axillaria* and *Ardetta flavicollis* (pt. 3).

Mathews, *Austr. Av. Rec.*, 2:137-144, 1915; 3:98-108, 1915 (hist., biogr., detailed collation); Nissen, 247; Whittell, 201; Wood, 319 (dating and other statements questionable); Zimmer, 171-172 (issue of 1877). Reviewed: *Ibis*, 1868:117-118, 348 (with further notice, 1870:135, 1871:428).

² According to Whittell; Nissen gives Diggles and H. G. Eaton; many of the plates are signed by Eaton as lithographer.

³ My count, from Mathews' detailed collation.

⁴ There seem to be variant wrappers; those on the Ellis copy do not agree in all particulars with Mathews' description.

⁵ Wood cites the title of vol. 1 as *The ornithology of Australia, being illustrations of 244 Australian birds with descriptive letterpress*; the title printed on the plates is *Companion to Gould's handbook . . .*, according to Nissen.

DILLWYN, LEWIS WESTON (1778-1855)

682. 1848. *Materials / for a / fauna and flora / of / Swansea / and the neighbourhood.* / By L. W. Dillwyn, F.R.S., &c., / President of the Royal Institution of South Wales, / and Vice-president of the British Association for the Advancement / of Science. / [Rule] / Not published. / [Rule] / Swansea: / printed at the Cambrian-office, Wind-street, / By David Rees. / 1848.

8vo in fours (26.0 × 17.0 cm, untrimmed). Pp. [4] 1-44.

Contents—Title, 1 leaf; ded., 1 leaf (conts. on v.); text, pp. 1-44, dealing with the mammalogy, ornithology, ichthyology, entomology, and botany of the area (birds, pp. 3-10, headed “Chap. II. / Ornithology. / List of the rarer birds which have been found in this neighbourhood, / with notes on some of the more common species.”).

Tersely annotated accounts, often rather vaguely worded, comprise the ornithological portion of this local natural history, which today is of purely historical interest. The note “not published” in the title presumably means “privately printed.” Bookplate of W. H. Mullens.

Mullens and Swann, 168; Wood, 319.

DIXON, CHARLES, 1858-1926

683. 1882. *Rural bird life / being / essays on ornithology / with instructions for preserving objects / relating to that science / by / Charles Dixon / with a frontispiece in colours, and numerous illustrations / engraved on wood by G. Pearson / second edition / London / Longmans, Green, and Co. / 1882 / All rights reserved.*

(18 × 12 cm). Pp. i-xiv, 1-374; front. (chromolithograph), 4 plates (wood-engravings), 41 text-illus. (wood-engravings).

Contents—Half-title, “Essays on ornithology,” p. i; printer’s imprint, p. ii; title, p. iii; dedication, p. v; author’s preface, pp. vii-viii; contents, pp. ix-xi; list of illustrations, pp. xiii-xiv; text, in sixty sections, beginning with “Pairing instinct of birds,” “Protective instinct of birds,” and “Habits of birds,” continuing with sections devoted to individual birds or two related types, and concluding with “Evergreens and bird-life,” “Hints to ornithologists,” and “Instructions for the preservation of ornithological objects.”

Informal and original observations by a popular writer. Dixon spent some years assisting Henry Seebohm in the preparation of his *History of British Birds*. The first “edition” appeared in 1880, and a U.S. version, with an added preface by Elliott Coues, appeared in Boston in the same year. Coues states that it was printed from stereotype plates of the London edition and issued in May 1880. A so-called third edition appeared in 1895 (No. 684), but appears to be virtually unchanged from the London 1882 edition, and was probably also printed from stereotype plates, with some changes in the prelims, and the placing of illustrations.

Mullens and Swann, 168-169; Wood, 320; Coues, 471.

684. 1895. *Rural bird life / of England / Being / essays on ornithology / With Instructions For Preserving Objects Relating to that Science / By / Charles Dixon / With Forty-five Illustrations and a Preface / By Dr. Elliott Coues, U.S.A. / Author of "Key to North American Birds," [Etc., 2 lines]. / [Publisher's device] / Chicago New York / The Werner Company / 1895.*

18.5 × 12.3 cm. Pp. i-xvi, 1-374; front., 3 plates, 41 text-figs. (all from woodcuts).

Contents—Title; American editor's pref., pp. iii-viii; pref., pp. ix-x; conts.; list of illustrs.; text, pp. 1-374, being a long series of popularly-written articles, a few general, most dealing with the haunts and habits of particular species of British birds.

Informal and original observations by a popular writer. The American version was first published at Boston by Estes and Lauriat in 1880, virtually the same appearing at London in the same year. A second ed. appeared in London in 1882 (No. 683).

Mullens and Swann, 169 (British issues of 1880 and 1882); Wood, 320 (American version of 1880).

685. 1888. *Our rarer birds / being studies in ornithology & oology / By / Charles Dixon / Author of / 'Rural bird-life,' [Etc., 2 lines] / With twenty illustrations by Charles Whymper / and a frontispiece by J. G. Keulemans / [Publisher's device] / London / Richard Bentley & Son, New Burlington Street / Publishers in Ordinary to Her Majesty the Queen / 1888.*

(22.2 × 14.0 cm). Pp. i-xiv [xv-xvi], 1-373 [374-376]; lith. front., 20 engr. figs. (as chapter headings).

Contents—Half-title; title; ded.; pref., pp. vii-ix; conts.; list of illustrs.; text, pp. 1-373, in 103 unnumb. chapters, the first being devoted to remarks on bird migration and the last on nidification,¹ the rest to individual species; publisher's advt., pp. 375-376.

A popular and readable account of the haunts and habits of some of the more interesting species. Bookplate of Major General Sir Percy Zachariah Cox.

Mullens and Swann, 169; Wood, 320; Zimmer, 172-173. Noticed: *Ibis*, 1889:246.

686. 1892. *The / migration of birds / An attempt / To Reduce Avian Season-Flight to Law / By Charles Dixon / Author of / 'Rural bird-life,' [Etc., 6 lines] / [Verse, 3 lines] / London: Chapman and Hall, Ld. [sic] / 1892 / [All rights reserved].*

(20.5 × 13.6 cm). Pp. i-xvi, 1-300, 1-40.

Contents—Half-title; title; pref., pp. v-viii; conts.; text, pp. 1-290, in chapters I-XII, being an ambitious but highly theoretical and mostly undocumented con-

¹ In different form published elsewhere and reviewed by J. A. Allen (*Auk*, 1885:129-139). For details see Dixon's *Jottings about birds*, 1893 (No. 688).

sideration of the major aspects of bird migration; index, pp. 291-300; "A catalogue of the books published by Chapman & Hall Limited... April, 1892..." pp. 1-40.

A popularly and entertainingly written work on a subject much less well known in 1892 than today, and not, as pointed out by the reviewer cited below, an adequate summation of fact or theory even then. The work was revised and entirely rewritten for a new edition (xix, 426 pp. and 2 maps) published in 1897. This, according to Allen, was much improved in general although in its theoretical aspects (many of the theories being more or less reversed) it fared no better than the first. Bookplate of Major General Sir Percy Zachariah Cox.

Mullens and Swann, 169; Wood, 320. Reviewed: *Auk*, 1893:70-73 (J. A. Allen, first edit.); *Auk*, 1898:67-70 (J. A. A., second edit.).

687. 1893. *The game birds / and / wild fowl / of / the British Islands / being / A Handbook for the Naturalist and Sportsman / By / Charles Dixon / Author of / "Rural bird-life," [Etc., 3 lines]. / Illustrated by A. T. Elwes / London: Chapman and Hall, Ltd. / 1893. / [All rights reserved.]*

(22.5 × 13.8 cm). Pp. i-xv [xvi], 1-468, 1-24; half-tone front., 12 half-tone plates.

Contents—Half-title; title; pref.; conts.; addenda, p. xv; list of illustrs.; text, pp. 1-464, treating the various forms in an informative and readable way with a minimum of technical matter; index, pp. 465-468; Catalogue of books published by Chapman & Hall, January 1893, pp. 1-24.

A creditable book of its type. Another impression, slightly altered, is said to have appeared in 1895, and a much enlarged edition was published in 1900 (No. 688). Zimmer said the present edition was without plates, doubtless on the basis of Mullens and Swann's collation; judging from BMNH and Wood, some copies have colored plates, at least those dated 1895. Bookplate of Major General Sir Percy Zachariah Cox.

BMNH, I:465 (issue of 1895); Mullens and Swann, 169; Nissen 253; Wood, 321 (1895); Zimmer, 173-174 (1900).

688. 1900. *The Game Birds and Wild Fowl / of / The British Islands. / By Charles Dixon, / author of / "Rural Bird-life," [Etc., 5 lines]. / Second Edition, enlarged, improved and thoroughly revised by the Author. / With / 41 coloured plates, representing 56 coloured illustrations drawn specially / for this Edition / By Charles Whympers. / Sheffield: / Pawson & Brailsford, Publishers, High Street and Mulberry Street. / 1900. [Title in red and black]*

37.0 × 27.5 cm. Pp. i-xxviii, 1-476; lith. col. plates IX (front.), I-II, IIA, III-VIII, X-XI, XIA, XII-XXXIV, XXXVI-XL (plate XXXV not issued; 41 plates in all).

Contents—Half-title; title; pref. to second edit. (dated February, 1900); pref. to first edit. (dated January, 1893); systematic index; list of plates; introd., pp. xix-xxviii, discussing geographical distribution and migration; text, pp. 1-453, with short accounts of orders, families, and genera, followed by discussion of the species with short synonymies and remarks under the headings Geographical distribution,

Allied forms, Habits, Nidification, and Diagnostic characters; appendix, pp. 454-456, dealing with accidentals recorded while the work was in preparation; errata, p. 457; index, pp. 458-470; list of subscribers, pp. 471-476.

An attractive, readable, and informative work. Some of Whymper's illustrations are quite appealing. The first edition appeared in 1893 (No. 687). Nissen lists an edition by the present publishers (the first was by Chapman and Hall) as appearing in 4to, 1899, with 400 pp. and 60 plates. I have found no other reference to this.

According to the "List of subscribers," p. 471, two forms of the book appeared: a "Large paper Edition de Luxe" and a "Small paper edition." The present copy is apparently of the former issue; a pencilled note by Ellis states that it was limited to one hundred copies.

Mullens and Swann, 169; Nissen, 253; Wood, 321; Zimmer, 173-174.

689. 1893. *Jottings about birds* / By Charles Dixon / With Coloured Frontispiece by J. Smit / London: Chapman and Hall, Ld. [*sic*] / 1893 / [All rights reserved]. 20.4 × 13.5 cm. Pp. i-vi [vii-viii], 1-239 [240]; chromolith. front.

Contents—Half-title; title; pref., pp. v-vi; conts.; text, pp. 1-239, in chapters I-IX, being a popularly written commentary on a variety of ornithological matters; a printer's imprint (Richard Clay & Sons) occurs on the last page. Semi-technical matter containing some original observations occurs in chapters I ("The birds of Algeria," pp. 1-78) and VI ("A visit to St. Kilda," pp. 151-179), which contain briefly annotated faunal lists, while chapter IX ("Sexual selection and the nesting of birds," pp. 226-239) is devoted to an answer to criticisms by J. A. Allen (*Auk*, 1885:129-139) of an earlier article of Dixon's on the same subject published in Henry Seebohm's *History of British birds*, vol. II, introd., pp. ix-xxxiii, 1884, and later as a chapter in Dixon's *Our rarer birds* (No. 685). In Allen's review, by some mischance, Dixon is referred to as "Henry," although his name appears correctly in Seebohm's work.

A popular and interesting work, although written with the author's usual tendency to explain the unknown in minute detail.

Mullens and Swann, 169; Wood, 320; Zimmer, 173.

690. 1894. *The nests and eggs / of / non-indigenous British birds / or / Such Species that do not Breed within the / British Archipelago / By Charles Dixon / Author of / 'The game birds and wild fowl of the British Islands,' [Etc., 3 lines] / With coloured frontispiece / London: Chapman and Hall, Ld. [*sic*] / 1894 / [All rights reserved].*

(19.9 × 13.4 cm). Pp. i-xii, 1-368; chromolith. front. (of eggs).

Contents—Half-title; title; pref.; pp. v-vi; conts.; addendum (to p. 321), p. xii; text, pp. 1-333, describing the nests and eggs of some 190 species fitting the statement in title, under the headings Breeding area, Breeding habits, Range of egg

colouration and measurement, and Diagnostic characters (of eggs), which follow a brief statement of British status and nesting season; appendices I and II, pp. 334-360, deal with British birds whose eggs were then unknown, and with birds only doubtfully British; index, pp. 361-368.

A popularly phrased text presumably of some utility, at least at time of writing. It was published as a companion volume to the author's *The nests and eggs of British birds*, which appeared in the same year. Bookplate of Dr. R. L. Walker ("No. 959. 1902.").

Wood, 321.

691. 1896. **British Sea Birds** / By / Charles Dixon / Author of / "The game birds and wild fowl of the British Islands"; / [*Etc.*, 3 lines]. / With eight illustrations / by / Charles Whympere / London / Bliss, Sands and Foster / 1896.

21.0 × 14.0 cm, untrimmed. Pp. i-ix [x-xii] 13-295 [296], 1-8; half-tone front., 7 half-tone plates.

Contents—Half-title; title; ded.; conts.; list of illustrs.; text, with half-title, pp. 13-295, in chapters I-VIII, dealing in a popular but informative way, by systematic groups and otherwise, with the birds ordinarily thought of as sea birds and with various terrestrial species common on the coasts (one chapter deals with coastal migration); A Catalogue of New Books and New Editions published by Bliss, Sands, and Foster, pp. 1-8.

A well-written treatise of its type which should still be of some interest today.

Mullens and Swann, 170; Wood, 321.

692. 1897. **Curiosities of bird life** / An account of the sexual adornments, wonderful / displays, strange sounds, sweet songs, curious / nests, protective and recognitory colours, / and extraordinary habits of birds / By / Charles Dixon / Author of / "The migration of British birds," [*Etc.*, 2 lines]. / London / George Redway / Hart Street, Bloomsbury / 1897.

19.8 × 13.5 cm, untrimmed. Pp. i-xii, 1-322.

Contents—Advt. (for publications of George Redway), pp. i-ii; half-title; title; pref.; conts.; text, pp. 1-322, in chapters I-X, dealing in a popular way with the many remarkable adaptations of avian morphology and habits.

A readable work.

Wood, 321; Zimmer, 173.

693. 1898. **Lost / and / vanishing birds** / Being a Record of some Remarkable / Extinct Species and a Plea for / some Threatened Forms / By Charles Dixon / Author of / "The migration of birds" [*Etc.*, 3 lines]. / With ten plates by Charles Whympere / London: John MacQueen / MDCCCXCVIII.

(21.8 × 14.0 cm). Pp. 1-295 [296-304]; half-tone plates I (front.), II-X.

Contents—Half-title; title; pref.; conts.; introd., pp. 13-39; text, a popular account in 2 parts with sectional half-titles, pt. I dealing with "Lost and vanishing British birds" (pp. 41-208) and pt. II with "Lost and vanishing exotic birds" (pp. 209-295); publisher's advt., pp. [297-304].

An interesting and readable, though dated, discussion of the subject named in the title. Bookplate of Major General Sir Percy Zachariah Cox.

Mullens and Swann, 170; Wood, 321.

694. 1899. *Bird-life in a / southern county / being / eight years' gleanings among the / birds of Devonshire / By / Charles Dixon / Author of 'Rural Bird-Life' [Etc., 3 lines]. / With ten illustrations by Charles Whymper, / and a portrait of the author / London / Walter Scott, Ltd. / Paternoster Square / 1899.*

21.8 × 14.1 cm. Pp. i-viii [ix-x] 11-303 [304]; fotogr. front. (portr.), 10 half-tone plates.

Contents—Title; pref.; conts.; list of illustrs.; text, pp. 11-303, in chapters I-X, being a popular account of various aspects of the bird life of the area.

A readable and well-written work of its type. Bookplate of Sir Percy Zachariah Cox.

Mullens and Swann, 170; Wood, 321.

695. 1900. *Among the birds / in / northern shires / By / Charles Dixon / Author of "Rural Bird-life" [Etc., 3 lines] / With coloured frontispiece and forty other illustrations / by Charles Whymper / Blackie and Son Limited / London Glasgow and Dublin / 1900.*

22.0 × 14.1 cm. Pp. iii-x 11-303; col. (half-tone) front., 40 half-tone text figs.

Contents—Title, p. iii; pref.; conts.; list of illustrs.; text, pp. 11-293, in chapters I-X, being a popular consideration of the various aspects of the avifauna in the area considered; index, pp. 295-303.

Similar in type to the author's various popular works considered above.

Mullens and Swann, 170; Wood, 321; Zimmer, 173.

696. 1909. *The bird-life of / London / By / Charles Dixon / With illustrations in / colour and black and white / [Publisher's device] / London / William Heinemann / 1909.*

21.3 × 15.8 cm. Pp. i-xii, 1-334 [335-336]; col. front., 7 col. plates, 16 black and white plates (all by John Duncan).

Contents—Half-title (advt. on v.); title; pref.; conts.; list of illustrs.; introd., pp. 1-11; text, pp. 12-328, treating in a popular and interesting way the rather long list of birds occurring in London; form for recording notes, p. 329; index, pp. 331-334 and p. [335].

An attractive little book which should still be of some interest to ornithologically inclined Londoners. Duncan's illustrations, it is indicated in the preface, appeared also in the *Newcastle Weekly Chronicle*; among these the black and white ones are more pleasing than the colored, which were reproduced somewhat coarsely by color half-tone.

Mullens and Swann, 171; Nissen, 249; Wood, 321; Zimmer, 174.

DONNDORFF, JOHANN AUGUST (1754-1837)

697. 1794-95. *Zoologische / Beyträge / zur / XIII. Ausgabe / des Linneischen / Natursystems / von / Johann August Donndorff. / Zweyter Band / Die Vögel. / Erster Theil / Raubvögel, Spechtartige Vögel, / Schwimmvögel und Sumpfvögel [Zweyten Bandes Zweyter Theil / Hühner- und Sperlingsartige Vögel]. / Leipzig, / in der Weidmannschen [Weidmannischen] Buchhandlung. / 1794 [1795].*

1 vol. in 2, 8vo (20.5 × 12.4 cm).

Vol. II, pt. I: pp. i-vi, 1-1156.

Vol. II, pt. II: pp. [2] 1-974 [975-976].

Contents—Each pt. contains title and text (pt. I, pp. 1-1156; pt. II, pp. 1-818), the latter in the form of a revised version of and commentary (by interpolation and footnote) on Gmelin's so-called 13th edit. (ornithology published in 1789) of Linnaeus' *Systema naturae*, with numerous additions, chiefly from Latham's *Index ornithologicus* of 1790; in addition, pt. I contains a Vorrede (pp. iii-vi) written at Quedlinburg around Easter of 1794, while pt. II contains an accounting (pp. 819-821) of the number of new species here listed, these totalling 1,630; this is followed by a list of foreign vernacular synonyms (pp. 822-882), an index (pp. 883-974), and corrections (p. [975]).

The ornithological portion, being the second volume, of a comparatively little-known work of no great importance. The first volume, on mammals, appeared in 1792 and the third, on "amphibians and fishes," in 1798 (the Ellis Collection includes the complete set). The author is better known for his completion of the nine-volume *Europäische fauna*, published 1791-1803, the greater part after the death of its originator Johann A. E. Goeze (1731-1793). Bookplate of August Ziegler, Quedlinburgensis, in pt. I.

BMNH, I:472; Soulsby, 124.

DONOVAN, EDWARD (1768-1837)

698. 1794-1819. *The / natural history / of / British birds; / or, a / selection of the most rare, beautiful, and interesting / birds / which inhabit this country: / the descriptions from the / Systema Naturae / of / Linnaeus;¹ / with / general observations, / either original, or collected from the latest / and most esteemed / English ornithologists; / and embellished with / figures, / drawn, engraved, and coloured from the original specimens. [/ Vol. II (-III).] / By E. Donovan.*

¹ Semicolon becomes a colon in vols. IV, VII, IX, and X.

[/ Vol. IV (-X).] / London: / printed for the author; and for F. and C. [F. C. and J. (*Vols. VI-X*)] Rivington, / No. 62, St. Paul's Church-yard [Rivington, No. 62, / St. Paul's Church-yard, and No. 3, Waterloo-Place, / Pall Mall. (*Vol. X*)]² 1794 [1795; 1796; 1797; 1798; 1809; 1816; 1817; 1818; 1819].

10 vols., 8vo (24.6 × 15.0 cm).

Vol. I: 57 leaves; engr. col. plates 1-24.

Vol. II: 43 leaves; engr. col. plates 25-48.

Vol. III: 37 leaves; engr. col. plates 49-72.

Vol. IV: 52 leaves; engr. col. plates 73-100.

Vol. V: 48 leaves; engr. col. plates 101-124.

Vol. VI: 30 leaves; engr. col. plates 125-148.

Vol. VII: 49 leaves; engr. col. plates 149-172.

Vol. VIII: 36 leaves; engr. col. plates 173-196.

Vol. IX: 33 leaves; engr. col. plates 197-220.

Vol. X: 55 leaves; engr. col. plates 221-244.

Sigs.—Vol. I: A⁸ B-D⁴ E¹ F-O⁴; 57 leaves. Vol. II: A⁴ B-F³ G⁴ H³ I⁴ K³ L² M-N⁴ (M3 blank); 43 leaves. Vol. III: A⁴ B-D² E³ F-G² H-I⁸ K¹ L³; 37 leaves. Vol. IV: A⁴ B¹ C⁵ (C2 mis-signed C3; C3 blank) D² E⁸ F² G⁸ H² I⁸ K² L⁸ M²; 52 leaves. Vol. V: A-B⁸ E⁸ F⁴ G⁸ H² I¹ K⁸ L¹; 48 leaves. Vol. VI: A-G⁴ H²; 30 leaves. Vol. VII: π1 B-N⁴; 49 leaves. Vol. VIII: π1 B-I⁴ K³; 36 leaves. Vol. IX: π1 B-I⁴; 33 leaves. Vol. X: π1, B-M⁴ N² O-P⁴; 55 leaves.

Irregularities and variants: Some bibliographers describe this work as quarto. The Ellis set is plainly 8vo, although highly irregular in volumes I to V. The presence of two blank leaves which were plainly intended to be cancelled gives some clue to the original makeup. The presence of numerous plates, none of them on stubs, required the binder to overcast many leaves together and then sew these all-along as if they were signatures; this method of sewing, combined with the paper being wove and therefore giving no clue as to relationships between leaves, makes it impossible to guess at the original conjugacy of the short signatures. Comparative regularity appears with vol. VI (1809), perhaps in connection with a change of printer (no printer's name occurs in vols. I-V; Law and Gilbert, St. John's Square, London, in vol. VI; R. & R. Gilbert, at the same address, in vols. VII-IX; R. Gilbert, at the same address, in vol. X).

Zimmer's foliation differs for vols. II (40 leaves), IV (51 leaves), VII (50 leaves), VIII (37 leaves), IX (34 leaves), and X (56 leaves), perhaps because of the presence or absence of blank cancels.

Contents—Each vol. contains title and a series of indices (usually 3-4 leaves, terminally) giving the "arrangement" of the species in the vol. "according to the system[s]," variously, of Linnaeus, Latham's *General synopsis of birds*, and Pennant's *British zoology*. Vol. I contains in addition 2 pages giving the "Linnaean arrangement of the orders included in the class Aves." This, with 4 leaves of index and title, makes it accord with Coues' collation, save that it lacks an advt.,

² Period becomes a comma in vol. VII.

by inference of 3 leaves, and evidently lacking from most copies. The remainder of the work consists of roman-numbered accounts of the species depicted in the arabic-numbered plates, 24 to a vol. except vol. IV, which has 28, these being English translations of the generic and specific diagnoses of Linnaeus, followed by synonyms and general discussion as noted in title.

A work chiefly valued today for its plates, many of which are attractive and delicately executed, although rarely well drawn. They have been variously received by ornithologists: Coues thought well of them considering their date; Zimmer disapproved. The work was published in parts, from 1794 to 1819. A statement by Mullens and Swann (O. V. Aplin given as source) and repeated by Zimmer, that the work was published monthly in 50 parts of 2 plates and accompanying text would not account for more than the 100 plates which make up the first four volumes. The entire work, which in perfect form is rather rare today, was published in two separate periods, volumes I-V in 1794-98, followed by a continuation, with volume VI appearing in 1809 and volumes VII-X in 1816-19. The first five volumes were reissued, according to Mullens and Swann, in 1799, and a so-called new edition, consisting of all ten volumes, was published 1815-20.

The Ellis set is of the first edition, first issue, throughout. Signature of Henry Lowndes on front free endpaper of vol. I.

Coues, 4:369 (vols. I and II only); Mullens and Swann, 173-174; Nissen, 257; Wood, 322; Zimmer, 175.

699. 1805. **Instructions / for / collecting and preserving / various subjects of / natural history; / as / quadrupeds, birds, reptiles, fishes, shells, / corals, plants, &c. / Together with a / treatise / on the / Management of Insects in their several States; / selected from the best authorities. / By E. Donovan, F.L.S. / Author of the natural histories of British birds, fishes, insects, &c. / The second edition. / London: / sold by F. C. and J. Rivington, No. 62, St. Paul's Church-yard. / 1805.**
8vo (22.9 × 14.3 cm). Pp. [4] 1-86; engr. plates 1-2; interleaved with MS additions (see below).

Contents—Title, 1 leaf; pref., 1 leaf; text, pp. 1-86, dealing with the subjects outlined in title (birds, pp. 5-8, plate 1).

A quaint and interesting work, the first edition of which, published at London in 1794, is said to differ from the present only in title and preface. The methods of taxidermy and collecting were, of course, comparatively crude at the end of the eighteenth century.

The present copy is entirely interleaved with a MS copy of *The English Lepidoptera: or, the Aurelian's pocket companion* (1775) by Moses Harris (ca. 1731-ca. 1785), "Enlarged By James Charles Dale, B.A." (1791-1872), F.L.S. The British Museum (Natural History) Library reported a copy of *A guide to an arrangement of British insects* (London, 1829) by John Curtis (1791-1862) similarly enlarged by Dale. Front pastedown inscribed: J. C. Dale B.A. F.L.S. / 1815—to Mr. Henry House / 1842.

BMNH, I:473.

700A. 1822-27. *The [Line omitted (Vols. II-V)] / Naturalist's repository, / or / Monthly Miscellany / of / exotic natural history: / consisting of / elegantly coloured plates with appropriate scientific / and general descriptions / of the most curious, scarce, and beautiful / productions of nature / that have been recently discovered / in various parts of the world; / and more especially such / novelties / As from their extreme Rarity remain entirely undescribed, or which have not been / duly noticed by any preceding Naturalists [Naturalists (Vols. III-V)]. / The whole composed according to / the latest improvements in the various departments of / The Science, / and forming collectively a truly valuable / compendium of the most important discoveries / of / quadrupeds, birds, fishes, insects, shells, / marine productions, / and every other interesting object of natural history, / the produce of foreign climates. / By E. Donovan, F.L.S. W.S. &c. / Vol. I[-V]. / London: / printed for the author and W. Simpkin and R. Marshall, / Stationers' Hall Court, Ludgate Street. / 1823 [1824; 1825; 1826; 1827].*

5 vols. in 3, 8vo in fours (22.6 × 14.4 cm).

Vol. I: 104 leaves (23 ornith.); engr. col. plates 1-36 (plates 2, 5, 7, 10, 14, 17, 20, 23, 25, 30, 33 ornith.; numbers transposed on plates 19 and 20¹).

Vol. II: 119 leaves (18 ornith.); engr. col. plates 37-72 (plates 39, 42, 45, 48, 63, 64, 68, 72 ornith.).

Vol. III: 53 leaves (6 ornith.); engr. col. plates 73-108 (plates 74, 80, 92, 96, 98 ornith.; plate 81 misnumb. 84).

Vol. IV: 59 leaves (5 ornith.); engr. col. plates 109-144 (plates 112, 117, 128, 137 ornith.; plate 130 misnumb. 131 by hand, plate 131 misnumb. 130).

Vol. V: 50 leaves (none ornith.); engr. col. plates 145-180 (none ornith.).

Contents—All vols. contain title and alphabetical index (1 leaf each), in addition to which vol. I contains an "Advertisement," or preface, 2 leaves (dated March 1, 1823). The remaining leaves consist of letterpress describing the plates, headed in each case by the name of the subject appropriate, as "entomology." The form of the text is similar to that of the author's *Natural history of British birds* (No. 698) and the ornithological content is indicated in collation above.

A quaint work of, probably, little but historical and mild artistic interest today. The Ellis Collection also contains an incomplete set in parts (No. 700B). The work was reissued in 1834 and at a later date (Nos. 701 and 702), from the original sheets, as shown by the presence of watermarks dated 1821 and by typographical evidence. Dates on the plates range from April 1822 (vol. I) to Dec. 1, 1826 (vol. V).

Nissen, 259; Zimmer, 176-177 (version of 1834).

700B. 1822-27. *The Naturalist's Repository. [As No. 700A]*

59 (of 60) parts, 8vo in fours (25.2 × 16.4 cm).

¹ Various other misnumb. plates have been corrected in errata appearing at the ends of the indices of vols. I and V, or have been corrected by hand in a manner suggesting it was done at the engraver's. For details of numbering as issued, see No. 700B.

- No. 1: 12 leaves (2 ornith.); col. plates 1-3 (plate 1 dated April 1822, plates 2 and 3 dated April 1, 1822; plate 2 ornith.).
- No. 2: 8 leaves (3 ornith.); col. plates 4-6 (dated May 1, 1822; plate 5 ornith.).
- No. 3: 8 leaves (2 ornith.); col. plates 7-9 (dated June 1, 1822; plate 7 ornith.).
- No. 4: 8 leaves (2 ornith.); col. plates 10-12 (dated July 1, 1822; plate 10 ornith.).
- No. 5: 4 leaves (1 ornith.); col. plates 13-15 (dated August 1, 1822; plate 14 ornith.).
- No. 6: 8 leaves (3 ornith.); col. plates 16-17 [18 lacking] (dated September 1, 1822; plate 17 ornith.).
- No. 7: 8 leaves (3 ornith.); col. plates 19-21 (dated October 1, 1822; numbers transposed on plates 19 and 20; plate "19," i.e. 20, ornith.).
- No. 8: 8 leaves (1 ornith.); col. plates 22-24 (dated November 1, 1822; plate 23 ornith.).
- No. 9: 8 leaves (2 ornith.); col. plates 25-27 (misnumbered 27, 25, 26; dated December 1, 1822; plate "27," i.e. 25, ornith.).
- No. 10: 8 leaves (1 ornith.); col. plates 28-30 (dated January 1, 1823; plate 30 ornith.).
- No. 11: 8 leaves (2 ornith.); col. plates 31-33 (dated February 1, 1823; plate 33 ornith.).
- No. 12: 12 leaves (title-page, "Advertisement," and alphabetical index to vol. I, 4 leaves; 1 ornith.); col. plates 34-36 (plates 34 and 35 dated March 1, 1823, plate 36 dated April 1, 1823; none ornith.).
- No. 13: 8 leaves (2 ornith.); col. plates 37-39 (dated April 1, 1823; plate 39 ornith.).
- No. 14: 8 leaves (2 ornith.); col. plates 40-42 (dated May 1, 1823; plate 42 ornith.).
- No. 15: 8 leaves (2 ornith.); col. plates 43-45 (plates 43 and 44 dated June 1, 1823, plate 45 dated July 1, 1823; plate 45 ornith.).
- No. 16: 8 leaves (2 ornith.); col. plates 46-48 (dated July 1, 1823; plate 48 ornith.).
- No. 17: 8 leaves (none ornith.); col. plates 49-51 (plates 49 and 51 dated August 1, 1823, plate 50 dated September 1, 1823; none ornith.).
- No. 18: 8 leaves (none ornith.); col. plates 52-54 (dated September 1, 1823; none ornith.).
- No. 19: 8 leaves (none ornith.); col. plates 55-57 (plate 55 dated November 1, 1823, plate 56 dated October 1, 1823, plate 57 dated August 1, 1823; plate 55 renumbered by hand; none ornith.).
- No. 20: 8 leaves (none ornith.); col. plates 58-60 (plates 58 and 59 dated October 1, 1823, plate 60 dated November 1, 1823; plates 58 and 59 renumbered by hand, plate 59 from previous "56"; none ornith.).
- No. 21: 8 leaves (none ornith.); col. plates 61-63 (plates 61 and 62 dated December 1, 1823, plate 63 dated September 1, 1823; plate 63 renumbered by hand; plate 63 ornith.).
- No. 22: 8 leaves (none ornith.); col. plates 64-66 (dated January 1, 1824; plate 64 ornith.).
- No. 23: 8 leaves (none ornith.); col. plates 67-69 (dated February 1, 1824; plate 68 ornith.).
- No. 24: 8 leaves (none ornith.); col. plates 70-72 (dated March 1, 1824; number on plate 71 re-engraved; plate 72 ornith.).
- No. 25: 24 leaves (title-page and alphabetical index to vol. II, 2 leaves; 10 ornith.); col. plates 73-75 (dated April 1, 1824; plate 74 ornith.).

- No. 26: 4 leaves (1 ornith.); col. plates 76-78 (dated May 1, 1824; none ornith.).
- No. 27: 8 leaves (1 ornith.); col. plates 79-81 (plates 79 and 80 dated June 1, 1824, plate 81 dated July 1, 1824; plate 81 renumbered by partial erasure from "84"; plate 80 ornith.).
- No. 28: 8 leaves (none ornith.); col. plates 82-84 (dated July 1, 1824; none ornith.).
- No. 29: 4 leaves (none ornith.); col. plates 85-87 (plate 85 renumbered by hand, probably from "81," dated June 1, 1824, plates 86 and 87 dated August 1, 1824; none ornith.).
- No. 30: 4 leaves (none ornith.); col. plates 88-90 (plates 88 and 90 dated September 1, 1824, plate 89 renumbered by hand over "86," dated August 1, 1824; none ornith.).
- No. 31: 4 leaves (2 ornith.); col. plates 91-93 (plate 91 renumbered by hand, perhaps over "86," dated August 1, 1824, plates 92 and 93 dated October 1, 1824; plate 92 ornith.).
- No. 32: 4 leaves (1 ornith.); col. plates 94-96 (plates 94 and 96 dated November 1, 1824, plate 95 renumbered by hand over "35," dated March 1, 1823; plate 96 ornith.).
- No. 33: 4 leaves (1 ornith.); col. plates 97-99 (plate 97 renumbered by hand, possibly over "96," dated October 1824, plate 98 renumbered by hand over "96," dated November 1, 1824, plate 99 dated December 1, 1824; plate 98 ornith.).
- No. 34: 4 leaves (none ornith.); col. plates 100-102 (plates 100 and 101 dated January 1, 1825, plate 102 dated November 1, 1824; none ornith.).
- No. 35: 4 leaves (none ornith.); col. plates 103-105 (plates 103 and 105 dated February 1, 1825, plate 104 dated November 1, 1824; none ornith.).
- No. 36: 6 leaves (title-page and alphabetical index to vol. III, 2 leaves; none ornith.); col. plates 106-108 (plates 106 and 107 dated March 1, 1825, plate 108 renumbered by hand, probably over "110," dated April 1, 1825; none ornith.).
- No. 37: 4 leaves (none ornith.); col. plates 109-111 (dated April 1, 1825, plate 110 renumbered by re-engraving over "119"; none ornith.).
- No. 38: 4 leaves (1 ornith.); col. plates 112-114 (dated May 1, 1825; plate 112 ornith.).
- No. 39: 4 leaves (1 ornith.); col. plates 115-117 (dated June 1, 1825; plate 117 ornith.).
- No. 40: 4 leaves (none ornith.); col. plates 118-120 (plate 118 dated July 1, 1825, plates 119 and 120 dated June 1, 1825; none ornith.).
- No. 41: 4 leaves (none ornith.); col. plates 121-123 (plate 121 dated August 1825, plates 122 and 123 dated August 1, 1825; none ornith.).
- No. 42: 4 leaves (none ornith.); col. plates 124-126 (dated September 1, 1825; none ornith.).
- No. 43: 4 leaves (none ornith.); col. plates 127-129 (dated October 1, 1825; plate 128 ornith.).
- No. 44: 4 leaves (1 ornith.); col. plates 130-132 (plates 130 and 131 dated October 1, 1825, plate 132 dated November 1, 1825; plate 131 renumbered by hand; none ornith.).
- No. 45: 4 leaves (none ornith.); col. plates 133-135 (plates 133 and 135 dated December 1, 1825, plate 134 dated November 1, 1825; none ornith.).

- No. 46: 4 leaves (none ornith.); col. plates 136-138 (dated December 1, 1825; plate 137 ornith.).
- No. 47: 4 leaves (1 ornith.); col. plates 139-141 (plate 139 dated November 1, 1825, plate 140 dated February 1, 1826, plate 141 dated January 1, 1826; none ornith.).
- No. 48: 4 leaves (1 ornith.); col. plates 142-144 (dated March 1, 1826; none ornith.).
- No. 49: 4 leaves (none ornith.); col. plates 145-147 (dated April 1, 1826; none ornith.).
- No. 50: 8 leaves (title-page and alphabetical index to vol. IV, 2 leaves; none ornith.); col. plates 148-150 (dated May 1, 1826; none ornith.).
- No. 51: 4 leaves (none ornith.); col. plates 151-153 (plates 151 and 153 dated June 1, 1826, plate 152 dated May 1, 1825; none ornith.).
- No. 52: 4 leaves (none ornith.); col. plates 154-156 (dated July 1, 1826; none ornith.).
- No. 53: 4 leaves (none ornith.); col. plates 157-159 (dated July 1, 1826; none ornith.).
- No. 54: 4 leaves (none ornith.); col. plates 160-162 (plates 160 and 162 dated July 1, 1826, plate 162 dated August 1, 1826; plate 160 renumbered by hand; none ornith.).
- No. 55: 4 leaves (none ornith.); col. plates 163-165 (plates 163 and 164 dated August 1, 1826, plate 165 dated October 1, 1826; plate 163 renumbered by hand; none ornith.).
- No. 56: 4 leaves (none ornith.); col. plates 166-168 (plates 166 and 168 dated August 1, 1826, plate 167 dated November 1, 1826; none ornith.).
- No. 57: 4 leaves (none ornith.); col. plates 169-171 (plate 169 renumbered by hand, dated August 1, 1826, plates 170 and 171 dated December 1, 1826; none ornith.).
- No. 58: 4 leaves (none ornith.); col. plates 172-174 (dated December 1, 1826; none ornith.).
- No. 59: 4 leaves (none ornith.); col. plates 175-177 (dated December 1, 1826; none ornith.).
- No. 60:¹ 14 leaves (none ornith.); col. plates 178-180 (dated December 1, 1826; none ornith.).

Contents—As for No. 700A. Corresponding text was not always issued in the same part as the plates. Thus, plate 63 is dated September 1, 1823, and was issued in No. 21, but its corresponding text did not appear until No. 25, an issue containing plates dated April 1, 1824.

Wrappers—Four distinct wrappers are used in the Ellis set:

No. 1.] [To be continued Monthly. / Price 3s. 6d. / The / Naturalist's Repository, / or / monthly miscellany / of / exotic natural history: / consisting of / elegantly coloured plates with appropriate scien- / tific and general descriptions / Of the most curious, scarce, and beautiful / productions of nature / That have been recently discovered in various Parts of / the World; and more especially of such Novelties as from / their extreme Rarity remain entirely undescribed, or which / have not been duly noticed by any preceding Naturalist. / The Whole / Composed according to the latest improvements in the / various departments of the

¹ Lacking from Ellis set; collation derived from No. 700A.

Science and forming collectively / a truly valuable Compendium of the most important / Discoveries of quadrupeds, birds, fishes, reptiles, / insects, shells, marine productions, and every / other interesting object of Natural History, the produce / of Foreign Climates. / By E. Donovan, F.L.S. W.S. &c. / London: / Printed for the Author, and W. Simpkin and R. Marshall, / Stationers' Hall Court, Ludgate Street. / [T. Plummer, Jun. Amen Corner, Paternoster Row.]

The wrapper as above was also used for Nos. 3, 11, 12 and 15, with number written over by hand. Nos. 2, 4-10, 13 and 14 use a wrapper apparently identical except for the lack of "1.]" in the first line; numbers are filled in by hand. Both forms of wrapper carry the "Mode of publication" on the second page, and an "Address" on the third and fourth.

Nos. 18-35 have a wrapper as follows:

No. [*number filled in by hand*] [Continued Monthly. Price 3s. 6d. / The / naturalist's repository, / or / monthly miscellany / of / exotic natural history: / consisting of / Elegantly coloured Plates, with appropriate Scientific and general Descriptions / of the / most curious, scarce, and beautiful / productions of nature. / By E. Donovan, F.L.S. W.S. / &c. / Mode of publication. / I. The Work to be completed in 60 Monthly Numbers, price Three Shillings and Sixpence. / II. It will be neatly printed in Royal octavo, upon a superfine wove paper, and when com- / pleted will form five handsome volumes. / III. The Plates will be entirely original, as every subject will be drawn, engraved, and finished in colours exclusively from nature. / IV. Each volume will contain an appropriate Index; and a general systematic arrangement / of the whole contents will be added at the close of the fifth Volume. / London: / Printed for the Author, and W. Simpkin and R. Marshall, / Stationers' Hall Court, Ludgate Street.

The second and third pages are blank, and the fourth carries a "Notice" and the printer's imprint, "London: Printed by J. Drury, 76, Fleet-street."

Numbers 36-45 have a wrapper which, although reset in different types, varies only slightly in text from that used for Nos. 1-17. Thus: No. [*number filled in by hand*] [Continued Monthly. / [*As for Nos. 1-17, 8 lines*] / elegantly coloured plates with appropriate / scientific and general descriptions / [*As for Nos. 1-17, 8 lines*] / various departments of the Science, and forming collectively / [*As for Nos. 1-17, 9 lines*] / [J. Drury, Printer 28, Assembly Row, Mile End.]

Nos. 46-59 are in blank wrappers, of similar stock to that used for previous numbers, and apparently as issued; they are lettered by hand in the form "Donovan 46" or "47 Donovan."

701. 1834. **The / naturalist's repository, / or / miscellany / of / exotic natural history, / exhibiting / rare and beautiful specimens / of / foreign birds, insects, shells, / quadrupeds, fishes, and marine productions; / more especially such / new subjects / as have not hitherto been figured, or correctly described; / forming a / compendium of the most interesting modern discoveries / in zoology. / By / E. Donovan, F.L.S., W.S., &c. / Author of the Natural Histories of British Birds, Insects, Fishes, Shells, and Quadrupeds; / Insects of China, India, and New**

Holland. / In five volumes, / with one hundred and eighty coloured plates. / Vol. I[-V]. / London: / printed for the author, and Simpkin & Marshall. / MDCCCXXXIV.

5 vols., 8vo (24.7 × 15.5 cm, untrimmed).

A re-issue of old sheets of No. 700 with new title-pages. Of two sets in the Ellis Collection, one is in a publisher's casing of green grained cloth, with printed paper labels on the spines reading: Donovan's / Exotic / natural / history, / exhibiting / figures / of / Rare and Beautiful / foreign / birds, / insects, / shells, / quadrupeds, / fishes, / and / marine / productions. / Five volumes. / 180 Coloured Plates. / Vol. I [-V]. / Price £10. 10s. Vols. 2-4 of this set contain bookplates of Peter Dowding Prankerd. The other set, rebound in half leather, and lacking the "Advertisement," contain bookplates of John Croft Deverell. Vols. I and II appeared yet another time (No. 702).

702. After 1834. **The / naturalist's repository / or / Exotic Natural History:** / consisting of / seventy-two elegantly coloured plates, with appropriate / scientific and general descriptions, / of the most curious, scarce, and beautiful / quadrupeds, birds, fishes, insects, shells, / marine productions, / and other interesting objects of natural history, / The Produce of Foreign Climates. / By E. Donovan, F.L.S., W.S., &c. / In two volumes. / Vol. I [-II]. / London: / printed for the author, and W. Simpkin and R. Marshall, / Stationers' Hall Court, Ludgate Street.

2 vols., 8vo (24.3 × 16.0 cm, untrimmed).

A further re-issue of the sheets of the first two vols. of No. 700, with new title-pages, but including the 1823 "Advertisement." The typography of the title-pages, and the style of publisher's casing suggest a date appreciably later than 1834.

703. 1826. **The natural history / of the / nests and eggs of British birds;** / the / Descriptions, / which are calculated for the naturalist as well as general observer, / Are intended to comprehend every useful Trait of Information respecting the Nidification, Eggs, and Incubation of / the numerous Species of the Feathered Tribes that inhabit the British Isles: / and are throughout accompanied by / A Series of elegantly-coloured Plates, / comprehending figures / of the eggs of every species, with their most singular varieties, so far as they can be correctly ascertained. / The whole exclusively executed from nature, and disposed according to their respective genera, / by E. Donovan, F.L.S. W.S. &c. / Author of the Natural History of British Birds, in ten volumes, and other approved works. / London: / printed for the author, and sold by all booksellers. / 1826.

(16.5 × 24.9 cm, untrimmed). Pp. [1-3] 4 [5-16]; 17 engr. col. plates (22 figs. showing 43 eggs of 21 species).

Contents—Title, p. 1 (p. 2 blank); "address" or introd., pp. 3-4; text, pp. 6-16, with references to the author's *Natural history of British birds* (No. 698) and other sources when appropriate, being a brief, popular description of the eggs and nidification of the genera and species treated; text and plates interleaved with 18 blank leaves, each with a printed label giving names and citations for the

species whose eggs are figured on the facing or preceding plate (three species have no such labels).

This uncommon little work was intended to be "completed in 24 numbers; it shall not exceed 36 numbers . . . The size shall be royal octavo . . . in an oblong form Generally, each part shall contain from three to four plates. . . ." According to Mullens and Swann, only five parts were actually issued and comparison with their description shows that the Ellis copy is complete with the exception of the three printed labels mentioned above. The prospectus, issued in 1825, is reprinted (headed "Conditions") on p. 4 of the brown paper wrapper for part 3 which is bound at the end of the Ellis copy and from which the quotation above is drawn. The wrapper-title is identical with the title-page with the exception of the following: British Ornithology. / No. [3, *added in manuscript*] [Rule] [¹Price 3s. 6d. / To be continued periodically, / *Etc., as on title-page.*] The plates are variously dated: Sept. 1, 1825 (8), Oct. 1, 1825 (2), Nov. 1 and Dec. 1, 1825 (1 each), Feb. 1 and March 1, 1826 (1 each), July 1, 1826 (2), and Oct. 1, 1826 (1). Both Engelmann and Mullens and Swann date the appearance of part 1 as 1826.

Coues, 4:380; Engelmann, 406; Mullens and Swann, 174; Nissen, 258; Wood, 323.

DOUBLEDAY, HENRY (1808-1875)

704. 1841. A / nomenclature / of / British birds; / being / a systematic catalogue of all the species hitherto discovered / in Great Britain and Ireland, intended for labelling / collections of British birds and their eggs. / By / Henry Doubleday. / Third edition. / London: / John Van Voorst, 1, Paternoster-Row. / M.DCCC.XLI.

(21.4 × 14.0 cm). Pp. 1-26 [2].

Contents—Title (printer's device on verso); pref. (dated February 25th, 1841); text, pp. 5-26, consisting of the common names, scientific names, and authorities for the latter, of British birds, with the text printed in offset columns to permit of all being clipped and used for labels; printer's device repeated on p. [28].

Title and contents self-explanatory. According to Mullens and Swann four editions appeared: 1836 (4 + 28 unnumb. pp.), 1839 (pagination not given), 1841 (the edition described here), and 1845 (27 pp.). Both Ellis copies have original wrappers bound in, with a list of "Original works on natural history. Recently published." by John Van Voorst, printed on p. 4 of the wrapper. One Ellis copy is inscribed "Edward Newman / Printers' Copy" on the front wrapper, and contains W. H. Mullens' bookplate. The other is printed on pink paper.

Mullens and Swann, 175-176; Wood, 323 (1st edit.).

DOUBLEDAY, NELLIE BLANCHAN DE GRAFF (1865-1918)

705. 1907. **Birds that every / child should know** / The east / by / Neltje Blanchan / Author of "Bird Neighbors," [*Etc., 3 lines*]. / Sixty-three pages of / photographs

¹ Single bracket so printed.

from life / [*Publisher's device*] / New York / Doubleday, Page & Company / 1907.

(18.3 × 12.3 cm). Pp. i-xvi, [3] 4-281 [282]; photogr. front., 62 photogr. plates (71 photos. printed in half-tone on both sides of 31 leaves).

Contents—Half-title; title; pref., dated 1906; conts.; list of illustrs.; text, with chapter half-titles, pp. 3-273, chapters I-XVIII, being a popular and very simply worded account of very common or representative birds; index, pp. 275-281.

A common and familiar little book, at least some years ago. The fact that it was written for children does not excuse a high percentage of inaccurate, misleading, and hypersentimental statements. This is the first edition.

Wood, 242, 323.

706. 1913. **Bird neighbors.** An / introductory acquaintance / with one hundred and fifty / birds commonly found in / the gardens, meadows, and / woods about our homes / By / Neltje Blanchan / With introduction by / John Burroughs / With many photographic illustrations / in color and in black and white / [*Publisher's device*] / Garden City New York / Doubleday, Page & Company / 1913. [*Title in red and black.*]

(25 × 18 cm). Pp. [i-viii] ix-xiv [xv-xxiv] 1-234 [235-236]; col. photogr. front., 47 col. photogr. plates, 18 half-tone photogr. plates.

Contents—Half-title; title; conts.; “The Nature Library” (by Burroughs; being remarks on the collection of vols. thus designated, of which the present is one); introd. (by Burroughs, dated August 17, 1897); pref.; lists of illustrs.; text, pp. 1-227, with sectional half-titles, consisting of a complex list of birds classified according to various characteristics, etc., followed by popularly written accounts of many common species; index, pp. 229-234; printer's imprint, p. [235].

A simplified, popular account for beginners interested in birds; it contains too great an admixture of sentiment and misinformation to be highly recommended even for this purpose. It nevertheless enjoyed a long term of popularity. The work was first published in 1897¹ and I am not sure there has been more than one edition, although several impressions have appeared with slightly differing covers and titles. They do not merit formal description, but there is an impression of 1916 in the collection, essentially the same as the present, and one of 1922 in which the more or less terrible colored plates of earlier impressions (photographs of poorly mounted birds before poorly painted backgrounds) have been replaced by drawings by R. Bruce Horsfall, Edmund J. Sawyer, and Louis Agassiz Fuertes, the last being nearly the only ones that are more than indifferently successful. The Ellis copy of the 1913 edition lacks 7 of the plates. See also No. 707.

Wood, 323. Reviewed: *Auk*, 1898:66 (F. M. Chapman).

707. 1898. **Birds that hunt / and are hunted / life histories of one hundred and**

¹ Wood lists a London imprint dated 1898.

seventy birds of / prey, game birds and water- / fowls / by / Neltje Blanchan / author of "Birds neighbors" / with introduction by / G. O. Shields (Coquina) / and forty-eight colored plates / New York / Doubleday & McClure Co. / 1898. [*Title in red and black*]

(25 × 18.5 cm). Pp. i-xii, 1-359 [360-362]; col. photogr. front., 48 col. photogr. plates.

Contents—Half-title; title; conts.; introd. (by Shields); preface; lists of illustrs.; text, pp. 1-352, in four parts (water birds, wading birds, gallinaceous game birds, birds of prey) with sectional and sub-sectional half-titles, being a popular account of many species for beginning naturalists, etc.; index, pp. 353-359; publisher's advert.

Designed as a companion volume to the author's *Bird neighbors* (No. 706) and constructed on the same plan. This is the first edition, which appeared a year after the first edition of its companion. The garishly colored illustrations are from the same source, though not quite so bad owing, no doubt to the greater ease of satisfactorily preparing larger birds. The amiable reception accorded Mrs. Doubleday's works by contemporary reviewers suggests a dearth of creditable works of this kind in her time. Like the others, the present one cannot be highly recommended today. The present work appeared in various forms from 1898 until 1922 with no apparent change in text, and with a confusing use of the above title and *Game birds*; both titles were apparently used concurrently by the publisher. For later issues in the Ellis Collection, see Nos. 708-710. Bookplate of Sir Herbert Ingram, 2nd Bart.

Reviewed: *Auk*, 1899:88-89 (J. A. Allen).

708. 1905. **Birds that hunt / and are hunted / life histories of one hun- / dred and seventy birds / of prey, game birds and / water-fowls / by / Neltje Blanchan / author of "Bird neighbors" / with introduction by / G. O. Shields (Coquina) / with many photographic illustrations / in color and in black and white / [*Publisher's device*] / New York / Doubleday, Page & Company / 1905. [*Title in red and black*]**

25 × 18 cm. Pp. i-xiii, 1-359; col. photogr. front., 47 col. photogr. plates, 16 half-tone photogr. plates (containing 20 figures).

Contents—As No. 707.

A reprint of the 1898 edition (No. 707) with minor changes in the preliminary pages, the addition of black and white photogr. plates, and the elimination of the col. photogr. plate of the Mourning Dove.

709. 1916. **The new nature library / Game birds. Life his- / tories of one hundred and / seventy birds of prey, game / birds and water-fowls / by / Neltje Blanchan / author of "Bird neighbors" / with introduction by / G. O. Shields (Coquina) / with many photographic illustrations / in color and in black and white / [*Publisher's device*] / volume two / Garden City New York / Doubleday, Page & Company / 1916.**

(23 × 17.5 cm). Pp. i-xiii, 1-359; col. photogr. front., 48 col. photogr. plates, 16 half-tone photogr. plates (containing 20 figures).

Another issue of No. 707 with changed title and in a slightly smaller format in a series binding of flexible leather. In No. 710 the series number is VIII rather than the "volume two" which appears on this title-page.

710. 1922. **Game birds.** Life his- / tories of one hundred and / seventy birds of prey, game / birds and water-fowls / by / Neltje Blanchan / author of "Bird neighbors" / with many photographic illustrations / in color and in black and white / [Publisher's device] / Garden City New York / Doubleday, Page & Company / 1922.

(25 × 17.5 cm). Pp. i-xiii [xiv-xvi], 1-359; col. front., 19 col. plates, 17 half-tone plates (16 photogr., containing 20 figures).

Contents—As No. 707, except for the substitution of "The Audubon Societies: a Note of Appreciation" by the author, dated 1917, (pp. ix-x) for the introduction by G. O. Shields.

A further reprint of No. 707 with changed title, the use of paintings by Allan Brooks, R. Bruce Horsfall, and Louis Agassiz Fuertes instead of col. photogr. plates. 20 col. plates are listed, but "Upland Plover," facing p. 208, is not colored. All plates except the front. are printed on both sides of the leaf. The publisher's casing indicates that this was issued as vol. VIII of The New Nature Library (cf. No. 709).

DRESSER, HENRY EELES (1838-1915)

711. 1871-96. **A history / of / the birds of Europe,** / including all the species inhabiting the / western Palaearctic Region. / By / H. E. Dresser, F.L.S., F.Z.S., etc. / Volume I [-VIII]. / London: / published by the author, / 6 Tenterden Street, Hanover Square, W. / 1871-1881.¹

With supplement, entitled as follows:

Supplement / to / [Idem, 5 lines] / Forming / Volume IX. / By / H. E. Dresser, F.L.S., F.Z.S., &c / London: / published by the author (by special permission), / at the office of / The Zoological Society of London, / 3 Hanover Square, W., / and at / Topclyffe Grange, Farnborough, R.S.O., Kent. / 1895-1896.

9 vols., including supplement, 4to (32.0 × 25.0 cm).

Vol. I: Pp. [i-ii], [4], ²[ix] x-xiii [xiv], [iii] iv-xlvi, [1-4] 5-102.

Vol. II: Pp. [i-ii] [2], [iii] iv-viii, [1-644]; lith. col. plates [1-95], 2 engr. text-figs.

Vol. III: Pp. [i-ii], [2], [iii] iv-viii, [1-620]; lith. col. plates [96-181], 1 engr. text-fig.

Vol. IV: Pp. [i-ii], [2], [iii] iv-viii, [1-636]; lith. plates [182-273 (all but plate 262 col.)], 4 engr. text-figs.

Vol. V: Pp. [i-ii], [2], [iii] iv-viii, [1-668]; lith. col. plates [274-363], 6 engr. text-figs.

¹The final part or parts, according to Mullens and Swann, were actually published in 1882.

- Vol. VI: Pp. [i-ii], [2], [iii] iv-viii, [1-708]; lith. col. plates [364-455], 8 engr. text-figs.
- Vol. VII: Pp. [i-ii], [2], [iii] iv-viii, [1-660]; lith. plates [456-544 (all but plate 485 col.)] 4 engr. text-figs.
- Vol. VIII: Pp. [i-ii], [2], [iii] iv-viii, [1-666]; lith. col. plates [545-633], 2 engr. text-figs.
- Vol. IX: Pp. [i-ii], [2], [iii-v] vi-xxv [xxvi], [1] 2-441 [442]; lith. col. plates [634-722].

Contents—Vol. I: title, p. i (printer's imprint on p. ii); engr. orn. title (by J. Wolf) with added letterpress text, 1 leaf; ded. (to Thomas Lyttleton, Lord Lilford), 1 leaf; list of subscribers, ²ix-xiii (p. xiv blank); pref., pp. iii-v; introd., pp. vii-xxi (explaining plan of the work and other relevant matters); selected list of important literature, arranged geographically, pp. xxii-xxxv; addenda et errata (to entire work), pp. xxxvii-xlvi; index (to entire work), pp. 1-102. Vols II-IX each contain title and orn. title, conts. of the letterpress (numbering the genera and species, and giving the publication year—month and year in Vol. IX—and number of each original part, number of pages devoted to each species, and page numbers on which found in bound volumes), list of plates (numbering the plates—they do not correspond with species numbers—and giving the number of the part in which each was issued, except in vol. IX where these numbers are omitted), and text. The conts. and list of plates are paged iii-viii in vols. I-VIII, v-x in vol. IX due to the inclusion therein of a second ded. (p. iii), to the author's daughter Phyllis, who had died since publication of the earlier volumes. Vol. IX contains also a new pref. (pp. xi-xii), introd. (pp. xiii-xiv), and list of literature (pp. xv-xxv). Each genus is described and its synonymy given, and for each species is given scientific and English vernacular name, synonymy, references to illustrations, Latin diagnosis, descriptions of male and female in various plumages, and description of nestling, followed by a thorough general discussion of distribution, movements, habits, etc. (drawing liberally from the literature and often occupying several pages) and a list of specimens examined. Two or more of the excellent and very handsome plates (the bulk by J. G. Keulemans; a few by Joseph Wolf, E. Neale, and, in the supplement, Archibald Thorburn) are often devoted to a single species, several plumages usually being depicted. Some corrections to the earlier letterpress are made in vol. IX, the main purpose of which is to treat species added to the European list since publication of vols. I-VIII.

A monumental and basic work, not only of great beauty but also still of considerable utility as a broad summary of the subject; 736 species are treated in all, and nothing of comparable thoroughness has been attempted since.

The original eight volumes appeared in 84 parts, beginning in 1871 and concluding (with parts 83-84, which comprise vol. I), according to Mullens and Swann, in 1882, although the joint wrapper of the final two parts is dated December 1881. The ninth, or supplemental, volume was published in nine additional parts from January 1895 to November 1896. In the original parts, each species description was given its own separate pagination and this has been preserved in the final, bound form. Overall, continuous paging and plate numbers

have been noted in the contents pages provided by the publisher (as noted above) but were not printed except for vol. IX.

The table of plates in vol. IX fails to indicate their dates of issue or the parts with which they appeared, and since they did not always accompany their descriptions it is necessary to consult the original wrappers for this information. I subjoin a revision of Zimmer's list so made, to which I have added one correction and the dates of the parts: Pt. I (Jan. 1895), plates 634-644; Pt. II (March 1895), plates 645-650, 652-654, 657; Pt. III (May 1895), plates 651, 655-656, 658-663, 665; Pt. IV (Aug. 1895), plates 664, 666-674; Pt. V (Oct. 1895), plates 675-684; Pt. VI (Dec. 1895), plates 685-693, 696; Pt. VII (March 1896), plates 695, 697-700, 704, 706, 708, 711, 713; Pt. VIII (June 1896), plates 694, 701, 702, 705, 709, 714-716, 719; Pt. IX (Nov. 1896), plates 703, 707, 710, 712, 717, 718, 720-722. Further: "Errors in the names of *Melizohpilus deserticola* [Pt. II], *Parus cinereus* [Pt. III], and *Bucanetes obsoletus* [Pt. V] (called *M. deserticolus*, *Parus atriceps* and *Erythrospiza absoleta* [*sic*] on the plates) are corrected on the wrappers, [*and*] in the lists of plates."

The work was originally begun in collaboration with R. B. Sharpe, who assisted materially with parts I-XII (his name appeared on wrappers through part XVII), and Arthur Hay (Lord Walden, 9th Marquis of Tweeddale) made other contributions to the early portions, all assistance being acknowledged and the parts affected noted in the preface.

There are two sets in the Ellis Collection. Description has been taken from the first, a copy presented to C. E. S. Chambers "on the occasion of his Jubilee in the Firm of W. & R. Chambers, Limited" in December 1927. In this copy (in which plate 259, Azure-winged Magpie, is wanting, with a careful water-color copy appearing in its place) the text-pages and plates have been numbered, with a hand-stamp, in accordance with the tables at the beginning of each volume. The second Ellis copy has the original wrappers of parts 37-82 bound into Vol. I, has had its text-pages numbered in pencil, and has Vol. IX in original wrappers as issued.

Anker, 120 (detailed discussion); Irwin, 237; Mullens and Swann, 178-179 (hist., biogr., collation); Newton, 41-42 (crit.); Nissen, 267; Wood, 324 (dates incorrect); Zimmer, 177-179. Reviewed: *Ibis*, 1872:186-187, 459-460; 1873:94; 1878:387; 1882 (July):489-490 (parts 83 and 84; note date of review); 1895:392; 1896:268-269, 571-572; 1897:273.

712. 1884-86. A monograph / of the / Meropidae, / or / family of the bee-eaters. / By / H. E. Dresser, F.L.S., F.Z.S., &c., / Member of the British Ornithologists' Union [*Etc.*, 3 lines]. / Author of 'The Birds of Europe.' / [*Vign.*] / [*Quot. from Odyssey, in Greek*, 2 lines] / London: / Published by the Author at 6 Tenterden Street, W. / 1884-1886.

(37.6 × 27.8 cm). Pp. i-xix [xx], 1-40 [40A] 40B 41-144; lith. col. plates [I-XXXIV] (by J. G. Keulemans).

Contents—Title, p. i; printer's device and imprint ("Printed by Taylor and Francis, Red Lion Court, Fleet Street"), p. ii; ded. (to the memory of Arthur Hay, Viscount Walden, 9th Marquis of Tweeddale), p. iii; conts., p. v; list of plates

(giving plate numbers), p. vii; pref., dated 28 December 1885, p. ix; introd., pp. xi-xix, giving a general discussion of the characters of the family; table of the geographical distribution of the Meropidae, p. xx; text, pp. 1-40, 40A, 40B, 41-140, providing a thorough treatment of the forms considered, according to the general plan used in the author's *History of the birds of Europe* (No. 711); index, pp. 141-144; dates of publication of the original parts, p. 144.

An excellent, thorough, and handsome monograph, beautifully illustrated. The work was published in 5 parts from May 1884 to March 1886, the preliminaries appearing with the last part and the dates and pagination of the parts being given at the end of the work as noted above. The Ellis copy, with the bookplate of William Newall, has the front wrappers of the original parts bound in at the end.

Another copy in the Ellis Collection is in the original wrappers, untrimmed (39.1 × 28.5 cm). The wrapper titles read:

Part I: Part I.] [May 1884. / A monograph / of the / Meropidae, / or / family of the bee-eaters. / By / H. E. Dresser, F.L.S., F.Z.S., &c., / Member of the British Ornithologists' Union [Etc., 3 lines]. / Contents. / *Nyctiornis amictus*. (1 Plate.) 3 [Etc., 7 species in all arranged in two columns, giving number of first page of text for each] / London: / Published by the Author at 6 Tenterden Street, W. / Printed by Taylor and Francis, Red Lion Court, Fleet Street.

Part II: Part II.] [July 1884. / [As Pt. I, 11 lines, listed honors differing slightly] / [Listing of 6 species, as above] / [3 lines as Pt. I]

Part III: Part III.] [October 1884. / [As Pt. II, 11 lines] / [Listing of 7 species, as above] / [3 lines as Pt. I]

Part IV: Part IV.] [April 1885. / [As Pt. III]

Part V: Part V.] [March 1886. / [As Pt. II, 11 lines] / [Listing titlepage, dedication, contents, list of plates, preface, introduction, 7 species, and index, in 2 columns] / [3 lines, as Pt. I]

From these parts it is evident that the plates were issued together with their descriptions with two exceptions: the plates of *Nyctiornis amictus* juv. (listed as plate II) and *Merops viridis* from "Burmah and Ceylon" (plate IX) were issued in part V instead of in part I where the descriptions and the first plates (I, VIII) of the forms appeared. Likewise pp. 40A and 40B (and the accompanying plate X) treating *Merops muscatensis*, appeared with part V, but this is noted in the table of dates on p. 144. Both Nissen and Zimmer seem to have seen copies lacking pp. 40A and 40B.

Nissen, 269; Wood, 324; Zimmer, 178. Reviewed: *Ibis*, 1885:103, 225, 314; 1886:366.

713. 1893. A monograph / of the / Coraciidae, / or / family of the rollers. / By / H. E. Dresser, F.L.S., F.Z.S., &c., / Ex-president of the Yorkshire Naturalists' Union [Etc., 6 lines]. / [Vign.] / [Quot., in Greek, 5 lines] / Published by the author at Topclyffe Grange, / Farnborough, R.S.O., Kent. / 1893.

(37.1 × 28.5 cm). Pp. i-xix [xx], 1-111; lith. col. plates [I-XXVII] (by J. G. Keulemans).

Contents—Title, p. i; printer's imprint, p. ii; ded. (to Alfred Newton), p. iii; conts., p. v; list of plates with plate numbers, p. vii; pref. (dated 30 September 1893), pp. ix-x; introd., pp. xi-xix, discussing characters of the group; table of the geographical distribution of the Coraciidae, p. xx; text, pp. 1-108, following the same plan used in the author's earlier monograph (No. 712) on the Meropidae; index, pp. 109-111.

An extremely handsome, quite thorough, and attractively illustrated monograph, in keeping with all of the author's work. Included in Dresser's Coraciidae are the interesting ground-rollers of Madagascar (the Leptosomatidae of Sharpe, Wetmore, and others).

Nissen, 270; Wood, 324; Zimmer, 178. Reviewed: *Ibis*, 1894:304-305.

714. 1902-03. **A manual of / Palaeartic birds /** By / H. E. Dresser, F.L.S., F.Z.S., &c. / Author of "The birds of Europe," etc. etc. / [*Vign.*] / Part I [II] / London / Published by the author at 3 Hanover Square, W. / 1902 [1903] / All rights reserved.

2 parts (22.7 × 15.5 cm).

Part I: pp. [i-iii] iv-vii [viii-xvi], 1-498 [2]; half-tone front. (by J. Wolf).

Part II: pp. [8], 499-922; col. front. (by J. Wolf).

Contents—Part I: title, pref., pp. iii-v (dated 1st June, 1903); abbreviations, pp. vi-vii; systematic index to part I, pp. ix-xvi; text, pp. 1-498; printer's imprint, 1 leaf. Part II: title, 1 leaf; systematic index to part II, 3 leaves; text, pp. 499-882; appendix, pp. 883-886, discussing 2 species accidentally omitted earlier; English index, pp. 887-922. The text, as ably summarized by Zimmer, is "A list of 1219 species and subspecies of Palaeartic birds, with synonymies, short descriptions, and brief notes on distribution and habits. Subspecies are treated binomially." A note on the original wrapper of part I indicates that the work was issued in two parts apparently because of delays in printing. On the wrapper of part II mention is made of the issue of title-pages to both parts "so that they can be bound separately if desired." Ellis had the two parts bound together, with the original wrappers bound in at the end.

715. 1905-10. **Eggs / of / the birds of Europe /** including all the species inhabiting the / western Palaeartic area / By / H. E. Dresser, F.L.S., F.Z.S., &c. / Member of the British Ornithologists' Union [*Etc.*, 4 lines]. / [*Vign.*] / Vol. I.—Letterpress [II.—Plates] / London / Published by the author (by special permission) / at the office of / The Royal Society for the Protection of Birds / 23 Queen-Anne's Gate, W. / 1910.

2 vols., 4to (31.5 × 25.2 cm).

Vol. I: pp. [i-vii] viii-xix [xx], [1-504] 505-836 [837-838]; 167 photogr. text-figs.

Vol. II: 77 leaves; col. photogr. plates [1-106].

Contents—Vol. I: half-title, p. i; title, p. iii; printer's imprint, p. iv; ded., p. v; pref., pp. vii-viii; conts., pp. ix-xix (giving: Final pagination; Pagination at foot of page; Issued in Part [no.]; Figured in Plate [no.]); list of plates (in vol. II),

p. xx; text, pp. 1-808 (of which pp. 1-504 bear other printed numbers, but in the present set have been numbered in pencil according to the "final pagination" given in the conts.), providing for each species treated a thorough discussion of breeding range and habits, illustrated in many cases by photographs of nests or breeding habitat, with references to the accounts of the species in the author's *History of the birds of Europe* (No. 711) and references to figures of eggs published elsewhere; appendix, pp. 809-822, treating species omitted earlier and adding new information for others; index, pp. 823-837; printer's imprint, p. [838]. Vol. II: half-title, 1 leaf; title, 1 leaf; 75 leaves (explanations of plates); 106 plates as noted, containing very many numb. figs. depicting eggs of the species treated, sometimes many examples of a given species. These illustrations are very good.

A handsome and useful work of reference, forming a sort of second supplement or adjunct to the author's *History of the birds of Europe* (No. 711) published, with supplement, 1871-1896. The present work was published in 24 parts, the original wrappers of which are bound into vol. II of the present set (which belonged to F. W. Lucas and bears his pencilled signature on some of the wrappers mentioned). According to these wrappers the dates of publication were as follows (parts issued simultaneously were in joint wrappers): Pt. I, Aug. 1905; Pt. II, Dec. 1905; Pts. III and IV, June 1906; Pts. V and VI, Nov. 1906; Pts. VII and VIII, May 1907; Pts. IX and X, Oct. 1907; Pts. XI and XII, Feb. 1908; Pts. XIII and XIV, July 1908; Pts. XV and XVI, Dec. 1908; XVII and XVIII, April 1909; Pts. XIX and XX, Sept. 1909; Pts. XXI and XXII, Feb. 1910; Pts. XXIII and XXIV, Nov. 1910. The last part contained the preliminaries. Bound with these wrappers are 2 leaves with an earlier version of the explanations of plates 1-4, printed two to a leaf instead of one to a leaf as found in the appropriate part of vol. II in this and other copies.

Anker, 121; Nissen, 268; Wood, 324; Zimmer, 179 (does not mention peculiarity of numbering of pp. 1-504 in volume I; gives 79 leaves in vol. II). Reviewed: *Ibis*, 1906:192-193 (part I); 1911:382-383 (parts XXIII and XXIV); many notices and some critical comment in intervening years.

DROSTE-HÜLSHOFF, FERDINAND, Freiherr von (1841-1874)

716. 1869. *Die Vogelwelt / der / Nordseeinsel Borkum. / Nebst einer vergleichenden Übersicht / der / in den südlichen Nordseeländern / vorkommenden Vögel / von / Ferd. Baron Droste-Hülshoff, / [Honors, 3 lines] / Nebst einer lithographirten Tafel und einer Karte. / Münster, / Selbstverlag des Verfassers. / In Commission bei W. Niemann. / 1869.*

(21.9 × 13.6 cm). Pp. i-xix [xx], 1-389 [390], 1-16; fold. lith. plate (by B. Altum), fold. map.

Contents—Half-title; title; ded. (to J. H. Blasius); Vorwort, pp. vii-xii; Inhalts-Verzeichniss (conts.); Sinnstörende Druckfehler (errata); text, with discussion of the island and its avifauna, migrations, etc., pp. 1-49, and systematic, annotated list of the avifauna, pp. 51-387; additions, p. 389; Anhang (appendix), pp. 1-16, discussing bird life of the southern coasts of the North and East Sea coasts.

A thorough account for its times, dealing, as the title indicates, with the bird life of the Island of Borkum in the North Sea.

BMNH, I:480; Wood, 324; Zimmer, 180. Reviewed: *Ibis*, 1870:128-129.

DRUMMOND, JAMES LAWSON (1783-1853)

717. 1831. *Letters / to / a young naturalist / on / the study of nature and / natural theology. / By James L. Drummond, M.D. / [Honors, 6 lines] / [Quot., from Bewick, 7 lines] / London: / printed for / Longman, Rees, Orme, Brown, and Green, / Paternoster-row. / 1831.*

8vo (16.9 × 11.1 cm). Pp. [4], 1-342; text-figs. 1-28 (woodcuts; figs. 13-20 ornith., modified from Bewick), 8 tail-pieces.

Contents—Half-title; title; text, pp. 1-331, in the form of 19 numbered letters addressed by the author to “My young friend” (letters XIII and XIV, pp. 190-221, are entirely ornithological, while other reference to birds appears, at least, on pp. 7, 55-66, and 129-132); index, pp. 333-342.

The author’s only publication relating to birds and of little ornithological consequence, being chiefly philosophical in nature. On front pastedown: Mary Wood.

Mullens and Swann, 181.

DUBOIS, ALPHONSE JOSEPH CHARLES (1839-1921)¹

718. 1899-1904. *Synopsis avium / Nouveau / manuel d’ornithologie / par Alphonse Dubois / Docteur en sciences naturelles, [Etc., 6 lines] / Première [Deuxième] partie / (1899-1902) [(1902-1904)] / Bruxelles / H. Lamertin, éditeur / 20, rue du Marché-au-Bois / 1902 [1904].*

2 vols. (28.5 × 18 cm).

1ère partie: Pp. i-xv [xvi], 1-729 [730]; col. lith. plates (by the author) I-XII (plate IV numbered as VI).

2ème partie: Pp. i-ix [x], 731-1339 [1340-1342]; col. lith. plates (by the author) XIII-XVI.

Contents—1ère partie: Half-title; title; introduction, dated March 1902, pp. v-xi; Table systematique des ordres et des familles, pp. xiii-xv; Table des planches, p. xvi; text, being a synonymic list of species, with distribution of each, pp. 1-729. 2ème partie: Half-title; title; Postface, dated July 1904, p. v; Table systematique des ordres et des familles, pp. vii-ix; Table des planches, p. x; text (continued), pp. 731-1052; supplement (additions and corrections), pp. 1053-1118; Table alphabétique des genres, pp. 1119-1169; Table alphabétique des espèces et des variétés, pp. 1171-1339; list of publications of the author, and printer’s imprint, p. [1341].

The author states that he has listed 16,478 species, sub-species, or varieties, in 2,252 genera (a typographical error in the numbering of the genera resulted in

¹ Dubois died on June 1, 1921 (*cf. Auk*, 1927:157), not in 1920 as stated by both Ronsil and Strong.

1-1440, 1141-1952, instead of 1-2252), as compared with 11,162 in G. R. Gray's *Handlist of genera and species of birds*. The work was issued in 17 parts, the dates of receipt of which at the British Museum are recorded by Zimmer.

Zimmer, 180-181; Wood, 325; Coe, 82.

719. 1905. État Indépendant du Congo / Annales du Musée du Congo / Publiées par ordre du Secrétaire d'État / Zoologie—Série IV / **Remarques sur l'ornithologie / de / l'État Indépendant du Congo / suivis / d'une liste des espèces recueillies jusqu'ici dans cet état / par le / D^r Alph. Dubois / Conservateur au Musée Royal d'Histoire Naturelle de Belgique [Etc., 5 lines]. / Tome I.—Fascicule I. / Bruxelles / en vente chez Spineux et Cie / 62, Montagne de la Cour.**

(37 × 28 cm, untrimmed). Pp. [i-vii] 1-36; col. plates I-XII (by L. Cuvelier).

Contents—Half-title; title; pref.; text, pp. 1-36. The text consists of a "partie descriptive" (pp. 1-21), in which a number of new or little-known species are discussed in detail, with diagnoses, descriptions, and general comment, and in some cases keys, followed by a list (pp. 23-36) of all species from the area then represented in Belgian museums. Described as new are *Barbatula rubrigularis*, *Ispidina leopoldi*, *Pseudospermestes goossensi*, and *Francolinus nahani*.

A capably executed technical report dealing with an area very poorly known at the time of writing. Contained in original portfolio, dated November 1905 on the front cover. Scientifically adequate, the plates are not impressive artistically.

Nissen, 272; Wood, 325. Reviewed: *Ibis*, 1906:368-369.

DUBOIS, CHARLES FRÉDÉRIC (1804-1867)

720. 1854-60. *Planches coloriées / des / oiseaux de la Belgique / et / de leurs oeufs; / par / Ch. F. Dubois, / Membre [Membre honoraire (Vol. III)]¹ de plusieurs sociétés savantes. / Tome Ier [II; III]. / Avec 120 [140; 152] planches. / Bruxelles—Leipzig—Gand. / C. Muquardt. / 1854 [1857; 1860].*

3 vols. (27.1 × 17.7 cm).

Vol. I: Pp. [6] i-lxx, 109 leaves; lith. col. plates 1 1a 4 3-9 9a 10-12 12-13 15-16 18-21 23 23-54 54a 55 55a 55a 56 56a 56b 57-66 77a 67b 68-72 72a 73-74 76 76a 77-78 78a 79 79a 79b 80-89 (i.e., 103 plates of birds), I-XVII (eggs)—a total of 120 plates, by the author.

Vol. II: Pp. [4] lxii-cxxiv, 115 leaves; lith. col. plates 90-93 93a 94 94a 95 95a 96 96a 97 97a 98-101 101a 101b 102 102a 102b 103-113 115 115-118 118 120-123 123a 124-144 144a 145-151 151a 152-161 161a 162-166 166a 167-172 172a 173-180 180a 181-182 184-185 185 185a 186-190 190a (i.e., 120 plates of birds), XVIII-XXXVI XXXVIA (20 plates of eggs)—a total of 140 plates by the author.

Vol. III: Pp. [4] cxxv-clx, 114 leaves; lith. col. plates 191 191a 192-203 203a 204-294 294a 295 295a 296-300 (i.e., 114 plates of birds), XXXVII-LXXIV (38 plates of eggs)—a total of 152 plates by the author.

¹ A line ending indicated by Zimmer at this point is not found in the present set.

Irregularities and variants—The text leaves are numbered to correspond with the numbering of the plates and figures within plates. In the Ellis copy, various original numbers have been erased and replaced in manuscript making exact transcription of the text numbers impossible, while similar manuscript changes on plate numbers left the original numbers legible. In the Ellis copy, plate 3, Aigle doré, has no corresponding text, and leaf 7, Aigle fauve, has no corresponding plate.

Zimmer's description of the Ayer copy places almost all roman-numbered pages in Vol. I, indicates a total of 157 plates for Vol. II but lists only 137 as against the 140 called for the title and contents list (and present in the Ellis copy), and indicates 149 text leaves for Vol. III as against the apparently complete 114 in the Ellis copy.

Contents—All vols. contain unpagged half-title, title (to which in vol. I is added a ded.), and "table méthodique" or systematic index (pp. lxxvii-lxx, cxxi-cxxiv, clviii-clx, respectively). Remaining conts. are apportioned as follows. Vol. I: avant-propos, pp. i-iii; discussion of the Class Aves and the major groups thereof, inclusive of genera, treated in Vol. I, pp. vii-lxiii; chronological list of works consulted, pp. lxx-lxxvi; text, 108 leaves, which in this and succeeding vols. are numbered to correspond with the plates (sometimes two leaves to a plate, two plates to a leaf, etc.). Vol. II: introd. to 2nd vol. (dated December 1857), pp. lxxi-lxxii; discussion of major groups treated, pp. lxxiii-cxx; text, 114 leaves. Vol. III: discussion of major groups treated, pp. cxxv-clv; postface (dated October 1860), p. clvi; text, 114 leaves. For each species the text gives French, English, and German vernacular name, scientific name, synonymy, and popularly worded discussion of habits, range, and general appearance.

A collection, with accompanying letterpress, of 412 rather indifferent hand-colored plates illustrating (according to the "postface") 339 species admitted by the author to the Belgian list. According to Zimmer the work was published in 141 livraisons, probably 1854-1860, though possibly commencing as early as 1851. I have nothing to add to the evidence he cites. The work includes many misnumberings, which may account for the differences between Zimmer's description and mine.

The author's *Les oiseaux de l'Europe*, 2 vols., 1861-72 (No. 721), continues the present work; the half-titles of the present work read "Planches coloriées . . . suivies d'une seconde série, qui, comprenant les autres oiseaux d'Europe, forment avec celle-ci un recueil complet de tous les oiseaux de l'Europe."

Perhaps because of Dubois' poor systematic judgment, no less than the inclusion of many errors of fact (see review cited below), the work was poorly regarded by contemporary ornithologists, and never fully superseded the ornithological portion of De Selys-Longchamps' *Faune Belge* of 1842.

Newton, 41; Nissen, 275; Wood, 325; Zimmer, 181-182. Reviewed: *Ibis*, 1870: 511-512.

nature / par / Ch.-F. [Ch. F.]¹ Dubois, / Membre honoraire de plusieurs sociétés savantes, / et / Alph. Dubois fils, / Docteur en Sciences Naturelles [*Etc.*, 2 lines; 3 lines (*Vol. II*)]. / Deuxième série, / espèces non observées en Belgique. / Tome premier. [second] / Avec 167 [152] planches coloriées. / Bruxelles—Leipzig—Gand, / Chez C. Muquardt [Chez C. Muquardt, H. Merzbach, Succr.]. / 1868 [1872.] / Tous droits réservés.

2 vols. (27.1 × 18.0 cm, untrimmed).

Vol. I: Pp. i-xlvi, 1-16, 139 leaves numbered 1 1a 2 2b 3-5 5b 5c 6-19 19a 20 20a 21-22 22a 23 23a 23b 24-27 27a 28-29 29a 30-33 33a 34 34a 35 35a 35b 36 36a 37-38 38a 39-41 41b 42-43 43a 44 44a 45-50 50a 50b 51-55 55a 56-72 72a 73-74 74a 75 75a 76-82 82b 83 83a 84-88 88a 89-99 99a 100-105 105a 105a 106 106a; lith. col. plates 1 1a 2 2a 2b 2b 3-5 5a 5d 5c 5e 6-7 118a 9-19 19a 20 20a 21-22 22a 23 23a 23b 24-27 27a 28-29 29a 30-33 33a 34 34 35 35a 35b 36 36a 37-38 38a 39-41 41a 41b 42-43 43a 44 44a 45-50 50a 50b 51-55 55a 56-72 72a 73-74 74a 75 75a 76-82 83a 83 83a 84-88 88a 89-99 99a 100-105 105a 105a 106 106a (i.e., 144 plates of birds), I-XIV XIVa XV XVa XVI XVIa XVII XVIIa XVIII XVIIIa (23 plates of eggs)—a total of 167 plates, by the authors.

Vol. II: Pp. xlvii-cxxii, 130 leaves numbered 107-111 111a 112-114 114a 115-118 118a 118b 119 119a 120-124 124a 125 125a 126-130 131a 132-134 134a 134 135a 135-136 137b 137-138 139a 139-140 140a 141-143 144a 144-145 145 146-149 149a 149b 150-152 152a 153-155 155b 156-158 158a 159-160 160a 160b 161-162 163a 163 163c 164a 163b 164-168 168a 170-171 157 174 174 174a 174a 175a 175 175c 176-177 177a 178-180 180a 181a 181b 182 182 183 183 186-188 190 192 192-199 199 200-202; front. (mounted fotogr. portr. of C. F. Dubois), lith. col. plates 107-111 111a 112-114 114-116 116a 117-118 8 118b 119 119a 120-124 124a 125 125a 126-130 131a 131b 132-134 134 134a 135a 135-136 137b 137 138 139a 139-140 140a 141-143 144a 144-145 145a 146-149 149a 149b 150-152 152b 153-155 155a 155b 156-157 157a 158 158a 159-160 160a 160b 161-162 163a 163 163c 164 164a 163b 164-168 168a 170-174 174 174a 174a 175a 175 175c 176-177 177a 177-180 180a 181a 181b 182 182-183 183-184 187-188 190 192 192-199 199b 200-202 (i.e., 135 plates of birds), XIX-XXXVII (19 plates of eggs)—a total of 154 plates, by the authors.

Irregularities and variants—The listing above speaks for itself. Zimmer queries the completeness of both volumes in the Ayer collection, giving 139 and 132 leaves of text. Those in the Ellis Collection *seem* complete, and if Zimmer's statement of plates for which text-leaves are wanting is correct (one more in his copy than in the Ellis) he seems to have miscounted and should have 129 leaves in vol. II. The Ellis copy's 153 plates is one more than the 152 called for in the title but conforms to the number listed in the contents (allowing for plates with repeated numbers 164 and 177, which are not listed). Nissen states as general fact that the work lacks several plates noted by Zimmer as missing but for which he recorded mis-numberings. All are present here.

Contents—Both vols. contain half-title, title, pref. (pp. v-ix and li-lij, respectively, dated April 1868 and December 1871), table méthodique (pp. xliii-xlvi,

¹ Zimmer omits this minor change.

cxi-cxiv), and text (139 leaves, 130 leaves) numbered to correspond with the plates (text for some plates appears not to exist). Remaining contents are apportioned as follows. Vol. I: discussion of the orders, families and genera treated in the first vol., pp. xi-xli; separately numbered pp. 1-16, being a "Catalogue systématique des oiseaux de l'Europe," which was also issued as a separate work (see text below). Vol. II: discussion of major groups, as above (pp. liii-lxxiv; "Conspectus Avium Europaeorum," pp. lxxv-cvii, which was also issued repaged and with separate title-page—see text below); additions and corrections to both vols., pp. cix-cx; table alphabétique des genres & des espèces contenus dans la seconde série (i.e., this work as distinct from the senior author's work on the birds of Belgium), pp. cxv-cxxii. The text follows the same plan as that of C.-F. Dubois' *Planches coloriées des oiseaux de la Belgique*, 3 vols. (No. 720), to which the present 2 volumes form a supplement so arranged that the whole covers all the birds of Europe.

A collection of 320 hand-colored plates of indifferent merit, accompanied by a letterpress text of no great distinction. The total of plates in the Dubois' five volumes on European birds is thus brought to 732.

According to Zimmer the work contains a few new names and "like its predecessor, appeared in livraisons with (according to *Ibis*, Oct. 1864, p. 396) three plates and accompanying text to each part. The various parts were so mixed in contents that it is impossible to fix the dates of most of the plates with even approximate accuracy." Approximate dating of a few is given by Zimmer.

Following p. xlvi in vol. I are sixteen pages which are similarly placed in Zimmer's set, but which also appeared separately (reviewed in the *Revue et Magasin* for Sept. 1866). P. [1] is headed "Appel aux ornithologistes" and begins "Avant de terminer le premier volume de notre ouvrage sur les *Oiseaux de l'Europe non observés en Belgique*, nous faisons un appel à nos honorables confrères, pour compléter les lacunes qui pourraient se trouver dans notre publication. Notre but est d'offrir au public une ornithologie complète des oiseaux de l'Europe et de ceux qui s'y montrent accidentalement." The "Appel" is signed and dated on p. 2: Bruxelles, mai 1865. / Ch.-F. Dubois. Pp. 3-16 contain the "Catalogue systématique des Oiseaux de l'Europe," which Zimmer describes as "a check-list of 570 species of European birds, giving the scientific and vernacular names of each and marking those species not known from Belgium and those not yet figured in the authors' current 'Les Oiseaux de l'Europe' The preface . . . is an appeal addressed to ornithologists to supply data needed to complete the larger work, the particular need of which the present list may serve to indicate. . . ." (Zimmer, 183-184).

Pages lxxv-cvii of vol. II were also issued separately, repaged as pp. 1-35 and with a separate title-page. Zimmer cites the title-page, as follows: Conspectus / systematicus & geographicus / avium Europaeorum, / auctore / Alph. Dubois, / Doctore Scient. Nat.; [*Etc.*, 2 lines]. / Bruxelles, / Apud C. Muquardt, H. Merzbach, Succrs., / MDCCCLXXI. / Depositum. He describes it as "A check-list of European birds, giving the names of 253 genera and 575 species (in addition to numerous 'varietates climactericae') with the general distribution of the various forms." (Wood, 325; Zimmer, 180. Reviewed: *Ibis*, 1872:187.)

Nissen, 276; Wood, 325; Zimmer, 182-183. Reviewed: *Ibis*, 1864:396, 1870: 511-512.

DUGMORE, ARTHUR RADCLYFFE (1870-1955)

722. 1905. **Bird homes.** The nests / eggs and breeding habits of / the land birds breeding in the / eastern United States; with / hints on the rearing and pho- / tographing of young birds / By / A. Radclyffe Dugmore / Illustrated with photographs / from nature by the author / [*Publisher's device*] / New York / Doubleday, Page & Company / 1905. [*Title in red and black*]

(25.0 × 18.3 cm). Pp. [i-viii] ix-xviii, [1-2] 3-183; col. photogr. front., 78 photogr. plates (63 half-tone with 80 photos., 15 col.), 10 photogr. illus. in prelims., 1 line cut.

Contents—Half-title; title; ded.; conts.; list of illustrs.; poem; popularly-written text divided in 2 parts, the first (chapters I-VI, pp. 1-33) being introductory, with remarks on nests and eggs, collecting, photography, rearing young birds, and nesting dates, and the second (chapters I-IX, pp. 35-175) dealing with the breeding distributions and habits of the species, arranged according to choice of nest-sites; indices, pp. 177-183. The photographs are excellent for their times, the author having been a pioneer in wildlife photography.

A pleasing popular account first published in 1900 (by Doubleday & McClure Co.), and again in 1904, 1905, 1914 (as part of New Nature Library), and 1920. If Zimmer's and Wood's collations are correct, some versions differ from the present at least in having 48 instead of 78 plates. The Ellis copy lacks pp. i-ii and one plate at p. 118.

Wood, 326 (versions dated 1904, 1920); Zimmer, 184 (dated 1920).

723. 1912. **Wild life and the / camera.** By A. Rad- / clyffe Dugmore / F.R.G.S., Author of "Camera Adventures in the African Wilds" / [*Publisher's device*] / Illustrated from photographs / London: MCMXII / William Heinemann.

(21.9 × 13.8 cm). Pp. [i-ix] x-xi [xii] 1-332; photogr. front. (ornith.), 47 photogr. plates (half-tone; with 50 photos., 18 ornith.).

Contents—Half-title (p. iii; advt. on v.); title; conts.; list of illustrs.; text, pp. 1-325, chapters I-XXII, being a popularly written and most readable account of many outdoor subjects, many of which are ornithological (especially chapters VII-IX, on wood warblers, the Redeyed Vireo and the cowbird, and the American Woodcock); index, pp. 327-332.

Title and contents self-explanatory. Bookplate of Major General Sir Percy Zachariah Cox.

Wood, 326.

DUMÉRIL, ANDRÉ MARIE CONSTANT (1774-1860)

724. 1806. **Zoologie analytique, / ou / méthode naturelle / de / classification des animaux, / rendue plus facile / a l'aide de tableaux synoptiques; / Par A. M.**

Constant Duméril, / Docteur et Professeur a l'École de Médecine de Paris, Membre / de l'Académie Royale de Médecine de Madrid, etc. / Parva sed apta, / Imprimerie de H. L. Perronneau. / Paris, / Allais, Libraire, Quai des Augustins, No. 39. / M. DCCC. VI.

(20.0 × 12.6 cm). Pp. i-xxxii, 1-344.

Contents—Half-title, p. i; title, p. iii; ded. (to Lacépède; dated 20 September 1805), pp. v-vi; pref. (dated 17 September 1805), pp. vii-xxiv; table méthodique, pp. xxv-xxxii (being a systematically arranged table of contents); text, pp. 1-311, being a proposed classification of animals, with many "synoptic tables" (numb. 1-197), birds being treated on pp. 31-73; French and Latin indices, pp. 313-344.

An early classification of birds, regarded by Newton as "almost useless except as matters of antiquarian interest." Another issue, present in the Ellis Collection, apparently differs only in the title-page, where the honors extend to six lines, and the reference to Perronneau is eliminated; this copy bears the signature of C. Hart Merriam on title-page and free front endpaper.

DUMONT, PHILIP ATKINSON (1903-)

725. 1933(?). University of Iowa Studies / in Natural History / Henry Frederick Wickham, Editor / Volume XV Number 5 / **A Revised List of the Birds of Iowa** / by / Philip A. DuMont / Published by the University, Iowa City, Iowa / 1933.

(23.5 × 15.3 cm). Pp. 1-171; map.

Contents—Title; conts.; introductory and explanatory matter, pp. 4-15; text, pp. 16-154, being a well-prepared and thoroughly annotated check-list of Iowa birds giving the status of each recorded form and sources of important records; hypothetical list and appendix (suppressed species), pp. 154-160; bibl. (actually literature cited), pp. 161-163; index, pp. 164-171.

A useful work of its type. The work was designed to elucidate changes in the avifauna and additions to knowledge since the publication of R. M. Anderson's *Birds of Iowa* (No. 72) in 1907. The gray paper wrappers are dated February 1, 1934, in contradiction of title, but the reviewer cited below notes that his copy was received on December 1, 1933.

Reviewed: *Auk*, 1934:113 (Witmer Stone).

DUMONT D'URVILLE, JULES SÉBASTIEN CÉSAR (1790-1842)

726. 1830-35. **Voyage / de découvertes / de / l'Astrolabe / Exécuté par ordre du Roi, / pendant les années 1826-1827-1828-1829, / sous le commandement / de M. J. Dumont D'Urville. / Zoologie / par / MM. Quoy et Gaimard. / Tome premier.** / Paris / J. Tastu, éditeur-imprimeur, / No 36, rue de Vaugirard. / 1830.

Title of atlas¹ as follows:

Voyage / de la corvette / l'Astrolabe / exécuté / pendant les années 1826-1827-

¹ The five volumes of the atlas in the Ellis Collection all have identical title-pages.

1828-1829 / sous le commandement / de / M. Jules Dumont D'Urville / Capitaine de Vaisseau. / Atlas. / [Vign.] / Paris / Publié par J. Tastu, Editeur. / MDCCCXXXIII. / L'écriture gravée sur acier par Hacq.

1 vol., text (23.7 × 15.0 cm); 1 vol., atlas (43.1 × 36.0 cm).

Text vol.: Pp. [4] [i] ii-xlii lxiii xliv lxv xlvi lxvii lxviii-l, [3-5] 6-268.

Atlas vol.: engr. title and plates 1-28 (mammals; plates 6-9, 11-14, 16-28 col.), 1-31 (birds; col.; by Prêtre, Oudart, and Prévost), 1-4 (2 misnumb. 5), 7, 10-12, 14-15, 19-20 (fishes; col.), 1-12 (insects, col.).

Contents—Text (vol. I of 4 zoological vols.): half-title (advt. for the complete series on v.); title; avertissement (signed Quoy and Gaimard; dated 29 June 1830), pp. i-iv; "Rapports faits a l'Académie Royale des Sciences . . . sur les travaux de MM. Quoy et Gaimard pendant le voyage . . . par MM. Geoffroy-Saint-Hilaire, Latreille, Duméril, Cordier et Baron G. Cuvier," pp. v-l; sectional half-title; introd., pp. 5-12; text, with man and mammals treated on pp. 13-152, birds on pp. 153-259; errata, p. 260; table des matières, pp. 261-264; table des planches (referring to atlas), pp. 265-268. Atlas: title leaf and plates as indicated above. The ornithological matter, as Zimmer wrote: "consists almost entirely of descriptions of new species of birds from New Guinea, New Zealand, Celebes, Australia, and other points reached on the voyage, with occasional descriptions of imperfectly known or unfigured birds previously described by former workers." The illustrations are good and in some instances remarkable.

Collated above are only those portions of this great work that contain ornithological matter; the Ellis Collection lacks only the 3 vols. and atlas of "Observations nautiques" from the set; for details concerning the complete work see BMNH. The zoology of the work and what is known of its dating was discussed by Zimmer. The work is rather unusual for the times in that its authors were members of the expedition and wrote with first-hand knowledge of the zoological specimens reported. Bookplates of Richard H. J. Gurney and (atlas only) John Henry Gurney.

BMNH, II:603; Nissen, 752; Whittell, 216-217; Wood, 615; Zimmer, 184-185.

727. 1842-53. Voyage / au Pole Sud / et dans l'Océanie / sur les corvettes / l'Astrolabe et la Zélée; / exécuté par ordre du Roi / pendant les années 1837-1838-1839-1840, / sous le commandement / de M. J. Dumont-D'Urville, / Capitaine de vaisseau; / publié par ordre du gouvernement, / sous la direction supérieure / de M. Jacquinot, Capitaine de vaisseau, Commandant de la Zélée. / Zoologie, / par MM. Hombron et Jacquinot. / Tome troisième. / Paris, / Gide et J. Baudry, éditeurs, / rue Bonaparte, 5. / 1853.

Title of atlas as follows:

[*Idem*, 2 lines] / et / dans l'Océanie / sur les corvettes / l'Astrolabe et la Zélée / pendant les années 1837-1838-1839-1840 / sous le commandement / de M. Dumont-D'Urville / Capitaine de vaisseau / Publié par ordre du gouvernement / et sous la direction supérieure de M. Jacquinot, Capitaine de vaisseau, Com-

mandant de La Zélée / Zoologie / Paris / Gide et J. Baudry, éditeurs / rue des Petits-Augustins, 5 / 1842 a 1853.

1 vol., text (23.5 × 15.4 cm); 1 vol., atlas (54.7 × 35.5 cm).

Text: pp. [1-7] 8-162, ²[2] 1-156, ³[2] 1-156, ⁴[2] 1-107 [108].

Atlas: pp. [6]; col. engr. plates: Mammifères 1-2, 2A-2B, 3, 4, 4 bis, 5, 6, 9, 10, 10A, 13-17, 17A, 18-20, 20A-20D, 21-24 (20A uncol.); Oiseaux 1-12, 12 bis, 13-24, 24 bis, 25, 25 bis, 26-31, 31 bis, 32-33 (by Oudart, Werner and Prévost; 32 uncol.); Sauriens 1, 2, 2 bis, 3-7; Ophidiens 1, 2, 3 (plate 3 numbered by hand over erasure); Batraciens 1; Poissons 1-5; Insectes coleoptères 1-19; Lepidoptères 1-3; Insectes orthoptères 1-3; Crustacés 1-9 (plate 8 also present uncol.); Mollusques 3-12, 14, 16, 17, 19, 21-26; Zoophytes 27-29.

Contents—Text (vol. III of 5 zoological vols.): half-title; title; sectional half-title (Zoologie. / Mammifères / et / oiseaux / par / M. Honoré Jacquinot / et / M. le Dr Pucheran.); text, with birds and mammals (introd. on pp. 7-16) treated on pp. 17-162 (pp. 47-158, 160-162 ornith.), reptiles and fishes (after sectional half-title) on pp. 1-56, and crustacea (after sectional half-title) on pp. 1-107. The ornithological text gives vernacular and scientific names of the species met with, followed by brief synonymies, descriptions, and discussions. As explained by Zimmer, it appears to be by Pucheran, save for an article on pp. 128-152 attributed to Jacquinot and entitled "Remarques sur quelques points de l'Anatomie et de la Physiologie des Procellariés, et Essai d'une nouvelle Classification de ces Oiseaux." This, again according to Zimmer, "appears to be the paper by Hombron and Jacquinot published in the 'Comptes Rendus' XVIII, pp. 353-358, number for March 4, 1844 (publ. March 11?)." Atlas: half-title; title; list of plates; plates as indicated above. Although the ornith. plates seem to me inferior to those in Dumont D'Urville's earlier atlas (No. 726), many of the rest are examples of the best in 19th-century zoological illustration.

Collated above are those portions of the zoological section of this great work that contain ornithological matter. The complete work, according to BMNH, is described as text, 23 vols. in 22, and atlas, 7 vols. in 5; the Ellis Collection contains only "Histoire du voyage," 10 vols., with an incomplete set of the related plates, "Anthropologie," atlas only, "Botanique," atlas only, and "Zoologie," 5 vols. and atlas. The details of authorship are rather complex, the several technical parts of the work having been contributed by various specialists. The voyage of the *Astrolabe* and *Zélée* and the projects incident thereto were conducted under the command and supervision of Dumont D'Urville, who wrote the general narrative but did not live to edit the publication of results, a task which fell to C. H. Jacquinot, captain of the *Zélée*. The naturalists of the voyage were the latter's brother, Honoré Jacquinot, and J. B. Hombron, to whom joint authorship of the zoology is credited in title. With exceptions noted above, however, the actual authorship of the ornithological and mammalogical portions of the text seems to have fallen to Jacques Pucheran, ornithologist of the Paris Museum of Natural History under Geoffroy Saint-Hilaire.

This sumptuous and impressive production contains much of interest on the

birds encountered in southern seas, Australia, Tasmania, and at many other points. According to Sherborn and Woodward (*Ann. Mag. Nat. Hist.*, 7(7):390, 1901)¹ vol. III is correctly dated 1853, and Zimmer stated that: "The plates of birds appeared at various dates from May 1842 to July 1846, as tabulated on p. 16 of vol. III, and all of these antedate the text. However, all of the plates except Plate 32 contain only vernacular names." Bound in the Ellis copy of the atlas is a decorated title-page in tinted lithography and a wrapper bearing the label of the 15e livraison, indicating that it contained plates Mammifères 3 and Oiseaux 17, 22, 23 and 30. The livraison title is closely similar to the two forms transcribed above, but with the following specific lines: Atlas d'histoire naturelle / Zoologie / par MM. Hombron et Jacquinot, chirurgiens de l'Expédition. The volume shows no indication of the division into 2 pts. found in Zimmer's copy. Bookplates of Richard H. J. Gurney and (atlas only) John Henry Gurney.

BMNH, II:605; Nissen, 449; Ronsil, 162; Whittell, 373-374; Wood, 615; Zimmer, 185-186.

DUNN, ROBERT (1799-1859?)

728. 1837. *The / ornithologist's guide / to / the islands of / Orkney and Shetland.* / By Robert Dunn, / animal-preserver, / Hull. / London: / printed by / Richard Taylor, Red Lion Court, Fleet Street; / and published by the author, / 31, George Street, Hull. / 1837.

(19.6 × 12.6 cm). Pp. [i-vii] viii-x [xi-xii], [1] 2-128; lith. front., 2 fold. maps.

Contents—Half-title; title; ded.; introd., pp. vii-x; notice to subscribers (to the effect that the work can be had with maps for 5 shillings, without maps for 4 shillings); text, with a rambling and readable account of ornithological investigations and travels in the islands (pp. 1-72), and a briefly annotated list of the avian species occurring there (pp. 72-121), followed by a short discussion of mammals and other matters (pp. 121-128).

A considerable amount of information is incorporated into this small book, which is unusually detailed and specific for a local ornithology of its times. It has been said (see Mullens and Swann) that if the records are entirely reliable, considerable changes must have occurred in the ensuing fifty years, a circumstance which seems not unlikely.

Mullens and Swann, 185-186 (hist., biogr.); Wood, 327.

DUPERREY, LOUIS ISIDORE (1786-1865)

729. 1826-30. *Voyage / autour du monde, / Exécuté par Ordre du Roi, / Sur la Corvette de Sa Majesté, La Coquille, pendant / les années 1822, 1823, 1824 et 1825, / sous le Ministère et conformément aux instructions de S. E. M. le Marquis / de Clermont-Tonnerre, Ministre de la Marine; / Et publié sous les auspices / de Son Excellence Mgr Le Cte De Chabrol, / Ministre de la Marine et des Colonies, / par M. L. I. Duperrey, / Capitaine de Frégate, Chevalier de Saint-*

¹ Incorrectly attributed by Zimmer and Nissen to Sherborn alone; page misprinted 310 in Nissen.

Louis et membre de la Légion d'Honneur, / Commandant de l'Expédition. / **Zoologie**, / par MM. Lesson et Garnot. / **Tome premier.** —1re [2e] Partie. / [Medal] / Paris. / Arthus Bertrand, libraire-éditeur, / Rue Hautefeuille, N° 23 / 1826 [1828].

Title of atlas as follows:

[*Idem*, 3 lines] / sur / **La Corvette** de Sa Majesté, / **La Coquille**, / pendant les années / 1822, 1823, 1824 et 1825, / Sous le Ministère de S. E. M. le Marquis de Clermont-Tonnerre, / et publié / Sous les Auspices de Son Excellence M. Le Cte. De Chabrol, Ministre de la Marine et des Colonies; / par / L. I. Duperrey, / Chevalier de St. Louis et de la Légion d'Honneur, Capitaine de Frégate, / Commandant de l'Expédition. / **Histoire Naturelle, Zoologie.** / **Atlas.** / Paris, / Arthus Bertrand, libraire-éditeur, / Rue Hautefeuille No. 23. / 1826. / Écrit par C. F. Ermeler. De l'Imprimerie de Remond. Gravé par Abel Malo. [*Engr. title*]

1 vol. in 2 pts., text (30.3 × 24.2 cm, untrimmed); atlas in original wrappers 1-27 (53.5 × 36 cm).

Text, pt. 1: [4], i-iv, 1-360; pt. 2: [4], 361-743.

Atlas: engr. title; col. engr. plates [Mammifères] 1-9, [Oiseaux] 10-21, 21 bis, 22-31, 31 bis, 32-35, 35 bis, 36-50, Poissons 1-38, Insectes 1-14, 14 bis, 15-21, Crustacés 1-5, Zoophytes 1-16, Mollusques 1-16.

Contents—Text (vol. 1, in 2 pts., of two zoological vols.): pts. 1 and 2 each contain half-title and title (Zimmer reports prelim. matter paged i-iv in pt. 1; this is wanting in the Ellis copy), followed by the continuously paged text, chapters I-V thereof (pp. 1-358) being found in pt. 1, with “Suite de Chapitre V” and chapters VI-VIII (pp. 361-735) occurring in pt. 2. Each pt. contains a table des matières, respectively pp. 359-360 and 737-740, and pt. 2 contains a table des planches (for vol. 1), pp. 741-743. Partly ornithological portions of the text (general remarks on the natural history of various countries visited) occupy chapters V (pp. 187-358; by Lesson), Suite de V (pp. 361-506; by Lesson), and part of chapter VI (pp. 386-587; by Garnot), while chapters VII (pp. 588-613; by Garnot) and VIII (pp. 614-735; by Lesson) are wholly ornithological.

The Ellis copy is in unbound sheets (apparently removed from the wrappers in which the plates remain), lacking pp. i-iv (cited by Zimmer) from pt. 1. The wrapper title is as follows:

Voyage / autour du monde, / exécuté par ordre du Roi, / Sur la Corvette de Sa Majesté, La Coquille, / Pendant les Années 1822, 1823, 1824 et 1825; / et publié sous les auspices / de Son Exc. M. le Comte de Chabrol, / Ministre Secrétaire-d'État de la Marine et des Colonies; / par L. I. Duperrey, / Capitaine de Frégate, Commandant de l'Expédition. / Six Volumes in-4°, / Accompagnés de quatre Atlas, formant en tout 352 planches, dont 196 coloriées, / dessinées et gravées par les meilleurs artistes. / Paris. / Chez Arthus Bertrand, Libraire-éditeur, Rue Hautefeuille, N° 23; / et chez les principaux libraires de la France et de l'étranger. / [*label affixed; first five livraisons*] / Le Voyage autour du monde sera divisé en quatre parties. I. Zoologie.—II. Botanique.—III. Histoire du Voyage.—IV. Hydrographie et Physique. / La Zoologie (2 volumes in-4°, avec un atlas de 145

planches coloriées) aura 25 livraisons, composées chacune de 6 planches et de plusieurs feuilles de texte. / Prix de chaque livraison pour les Souscripteurs à l'ouvrage entier, avec ou sans la partie Hydrographique: papier vélin, 24 fr.; papier vélin, doubles figures, 30 fr. / La Botanique (1 volume in-4°, avec un atlas de 115 planches, dont 15 coloriées) aura 15 livraisons, composées chacune de 8 planches, accompagnées de / leur texte explicatif. Mêmes prix que ci-dessus pour les mêmes Souscripteurs. / L'Histoire du Voyage (2 volumes in-4°, avec un atlas de 36 planches coloriées), à laquelle on a joint les Vocabulaires des langues des Sauvages, formera / 10 livraisons, contenant chaque 10 à 12 feuilles de texte et plusieurs planches. Mêmes prix que ci-dessus pour les mêmes Souscripteurs. / Les personnes qui ne souscriront qu'à l'une ou l'autre de ces trois divisions paieront chaque livraison: papier grand raisin superfin satiné, 14 fr.; / papier vélin, 28 fr.; papier vélin, doubles figures, 36 fr. / La partie Hydrographique, Physique et Nautique (1 volume in-4°, avec un atlas de 36 planches) sera divisée en 10 livraisons, contenant chacune 5 ou 6 / planches et plusieurs feuilles de texte. Prix de chaque livraison: papier grand raisin superfin satiné, 12 fr.; papier vélin, 24 fr. / Lorsque la Souscription sera fermée, les prix de chaque livraison seront augmentés. Un Prospectus détaille se distribue. / Imprimerie de Firmin-Didot, Rue Jacob, N^o 24.

Three later forms of wrapper (nos. 6-11; nos. 12 and 17; and nos. 13-16 and 18-27) vary slightly, most notably in changing the total of plates to "376 planches, dont 230 environ coloriées," and give further details of subscription terms, and of the progress of the work. Succeeding forms of label vary according to contents, and also give details of the progress and plan of publication.

The following table gives contents and dating of the livraisons, derived from the wrappers (first three columns), and from the literature, i.e., Sherborn and Woodward (*Ann. Mag. Nat. Hist.*, ser. 7, vol. 7, pp. 391-392, 1901, citing *Bibliographie de la France*), Mathews (*Austral Avian Record*, 2:49-54, 1913, citing Ferussac's *Bull. des Sciences Naturelles*), and Zimmer.

Livraison	Plates	Text sections	Text pages	Date
1	3, 8, 9, 13, 20 (the wrapper calls for plate 22, but an "Avis" slip in the livraison explains the substitution of plate 20 and promises 22 later), 28; 13, 20, 28 ornith.	1-6	1-48	Nov. 1, 1826
2	1, 7, 11, 34, 36, 43; 11, 34, 36, 43 ornith.	7-11	49-88	Jan. 17, 1827
3	2, 12, 19, 26, 32, 47; all but no. 2 ornith.	12-17	89-128	April 18, 1827
4	31, 37, 40-42, 50; all ornith.	18-22	129-168	July 25, 1827
5	4, 18, 22, 25, 35, 45; all but no. 4 ornith.	23-28	169-216	Oct. 17, 1827
6	6, 21, 21 bis, 27, 33, 39; all but no. 6 ornith.	29-33	217-256	March 22, 1828

Livraison	Plates	Text sections	Text pages	Date
7	10, 17, 30, 44, 48; all ornith.	34-38 (<i>the "8" changed by hand in the wrapper title</i>)	257-296	June 21, 1828
8	15, 24, 38, 46, 49 and engr. t-p.; all plates ornith.	39-45	297-352	Nov. 29, 1828
9	5, 14, 16, Poissons 4, 12, 28; 14 and 16 ornith.	46-52	353-408	Feb. 28, 1829
10	23, 29, 35 bis, Poissons 2, 19; 23, 29 and 35 bis ornith.	53-58	409-456	April 4, 1829
11	31 bis, Poissons 3, 38, Reptiles 3, 6, 7; 31 bis ornith.	59-64	457-504	May 30, 1829
12	Reptiles 1, 5, Poissons 1, 22, 35.	65-70	505-560	July 4, 1829
13	Zoophytes 1-6.	71-76	561-600	Nov. 21, 1829
14	Mollusques 1-3, Poissons 17, Crustacés 1, 3.	77-82	601-648	Jan. 9, 1830
15	Reptiles 2, 4, Poissons 36, Crustacés 2, 4.	83-88	649-696	April 3, 1830
16	Zoophytes 10, 11, 13, Mollusques 4-6.	89-93	697-743	May 1, 1830
17	Mollusques 7, Zoophytes 8, 9, 12, Insectes 13, 14.	vol. 2, pt. 1, 1-3	1-24	June 12, 1830
18	Zoophytes 7, 14, 15, Insectes 1, 15, 16.	-	-	June 12, 1830
19	Mollusques 8-9, Zoophytes 16, Crustacés 5, Insectes 2, 17.	-	-	Dec. 11, 1830
20	Poissons 23, 26, Mollusques 12, Insectes, 3, 6, 19.	-	-	April 30, 1831
21	Poissons 25, 27, 33, 37, 12, 14 bis.	-	-	June 11, 1831
22	Poissons 5, 6, 13, 16, Insectes 5, 8.	-	-	July 2, 1831
23	Poissons 20, 24, 28, Mollusques 10, Insectes 4, 20.	-	-	Aug. 6, 1831
24	Poissons 11, 14, 31, 34, Insectes 11, 21.	-	-	Sept. 17, 1831
25	Poissons 7, 29, 30, 32, Insectes 7, Mollusques 11.	4, 30 (? <i>added by hand</i>)	25-32, 233-240	Nov. 12, 1831
26	Poissons 8, 15, 21, Insectes 8, Mollusques 14, 16.	vol. 2, pt. 1, 31-59	241-471	Dec. 10, 1831
27	Poissons 9, 10, Mollusques 13, 15, Insectes 9, 10.	-	-	Jan. 28, 1832

The responsibility for production of this report upon the voyage of the *Coquille* was assumed by Duperrey, who himself prepared the section on hydrography. Certain parts of the work were never completed; all published (according to BMNH) appeared in seven volumes of text and five volumes of atlas, 1826-30. The Ellis set lacks the volume on hydrography and the pages and plates mentioned above. The zoology of the voyage was prepared chiefly by Lesson, with lesser contributions, signed in each case in the chapter-headings, by Garnot and Guérin-Meneville, and occupied two volumes, in two parts, of the text, and one volume of the atlas. The ornithological text is restricted to volume I of the zoology. Of the accompanying atlas, as noted above, 44 plates are ornithological. The voyage involved contact with many parts of the world.

Zimmer notes: "The plates of the birds antedate the corresponding descriptions in the text and hence must be cited, under Lesson and Garnot together, for certain names. Some of the species were first described elsewhere (*Annales des Sciences Naturelles*, Lesson's 'Manuel d'Ornithologie,' etc.) by Lesson or Garnot, although this is not always indicated in the present work where these species are again described, ostensibly as new. Furthermore, Lesson and Garnot do not always agree as to the nomenclature of some of the birds and sometimes discuss the same species under different names. The authors' general remarks in early chapters occasionally contain a characterization of a species which has priority over the detailed description in a later chapter."

A narrative of the voyage by Lesson was published in 1839, which contains occasional ornithological notes and plates.

Each text gathering and plate of the Ellis set bears the embossed stamp of the Pavlovsk Muzei; the wrappers bear the bookplates of Pavlovskii Dvoretz Biblioteka. The collection also contains a bound volume of the atlas made up of a mixture of ordinary colored plates and uncol. mounted India proofs with plate numbers but no other lettering. It lacks the five preliminary leaves as well as Mammiferes 2 and 7-9, and has its plates bound somewhat out of order. It bears the name Mrs. J. Swaim (?) on a binder's leaf at the front.

Anker, 288; BMNH, II:604; Nissen, 280; Ronsil, 942; Whittell, 218-220; Wood, 615; Zimmer, 186-188.

DUPETIT-THOUARS, ABEL AUBERT (1793-1864)

730. 1846. *Voyage / autour du monde / sur la frégate / La Vénus, / pendant les années 1836-1839, / publié par ordre du Roi, / sous les auspices du Ministre de la Marine, / par / M. Abel Du Petit-Thouars, / Capitaine de vaisseau, Grand-Officier de la Légion-d'Honneur. / Atlas de Zoologie. / Paris / Gide et Cie, éditeurs, / rue des Petits-Augustins, 5, près le Quai Malaquais. / 1846.*

(54.0 × 35.0 cm). Pp. [6]; engr. plates: Mammifères 1-13 (col.); Oiseaux 1-10 (col.; by Oudart); Reptiles 1-3 (col.); Poissons 1-10 (col.); Mollusques 1, 1 *bis*, 2, 2 *bis*, 3, 3 *bis*, 4-24 (all but plate 24 col.); Zoophytes 1-15, 15 *bis* (all but plates 1, 2 and 9 col.) = 79 plates in all.

Contents—Half-title; title; list of plates (2 pp.); 79 plates as collated above. Some of the plates are fine, but the ornithological ones are not nearly so impressive as those illustrating some of the other great French voyages. The whole atlas has an appearance suggesting hasty preparation—plate 13 is not numbered in the list of plates and plate 24 is not listed at all; plates numbered as “bis” in the list bear simple numbers (in the collation above the term “bis” has been supplied); various copies were issued with different plates colored (BMNH all colored, Zimmer a different selection from that occurring in the Ellis volume.

The zoological atlas of the report on the voyage of the *Vénus*, which in its entirety (see BMNH) consists of 11 vols. text and 4 vols. atlas, published 1840-1864. The zoological results were formally issued in 1855 as vol. V, Pt. I of the whole *Voyage*, but parts of the text, if not all, appeared separately, some as early as 1849. The latter is the date of publication (see Sherborn and Woodward, *Ann. Mag. Nat. Hist.*, ser. 7, v. 8, p. 492, 1901) of the ornithological text, by Prévost and Des Murs, which, according to Zimmer, occupies pp. 177-284 of the zoological volume (which he collates). The voyage touched many interesting points, but since it carried no naturalist, produced much slighter zoological results than such as those of the *Astrolabe* (No. 726), *Astrolabe* and *Zélée* (No. 727), and *Coquille* (No. 729). The Ellis collection contains only the atlas collated above, all of which, according to Zimmer, was published in 1846 and which therefore antedates the ornithological text. The new scientific names, therefore, date from the plates.

BMNH, II:606; Nissen, 281; Ronsil, 944; Whittell, 220-221; Zimmer, 490-491.

DUPONT DE NÉMOURS, PIERRE SAMUEL (1739-1817)

731. 1807. *Quelques / mémoires / sur / différens sujets: / La plupart d'Histoire naturelle, ou de / Physique générale et particulière. / Natura est sibi consona. / Newton. / [Vign.] / Paris, / de l'Imprimerie de Delance. / 1807.*

8vo (19.9 × 12.5 cm). Pp. [2] [v] vi-viii, 1-374; engr. plate, engr. fold. map, many decorative tail-pieces.

Contents—Title; conts., pp. v-viii; text, pp. 1-373, being a series of essays on the subjects named in title and previously read or published at various times at places; errata, pp. 373-374. The chief ornithological matter occurs in a chapter headed “Sur l'Instinct” (a “mémoire lu à la Classe des Sciences Physique-Mathématiques de l'Institut national,” July 21, August 11 and 18, 1806), where the behavior of crows, ducks, geese, nightingales, and other forms is discussed in an amusing and, for the times, original and penetrating manner.

This interesting work has passed almost unnoticed by zoological bibliographers. It is of historical interest in revealing the informed thoughts on natural history of a famous statesman and political scientist. The present, first, edition was published anonymously. According to the National Union Catalog a second appeared in 1813 (Paris, A. Belin; x, 428 pp.). Bookstamps of: L H / Abonnement lecture / rue de Richelieu, No. 37.

Agassiz, II:298; Engelmann, 165.

D'URBAN, WILLIAM STEWART MITCHELL (1836-1934) *and* MURRAY
ALEXANDER MATHEW

732. 1892-95. *The / birds of Devon.* / By / W. S. M. D'Urban, F.L.S., F.E.S., / formerly curator of the Albert Memorial / Museum, Exeter, / and / The Rev. Murray A. Mathew, M.A., F.L.S., / Member of the British Ornithologists' Union, / Vicar of Buckland Dinham, Somerset. / With an introduction and some remarks on the / migrations of Devonshire birds. / Illustrated by Coloured Plates, Photographs, and Maps. / London: / R. H. Porter, 18 Princes Street, Cavendish Square. / 1892 / [All Rights reserved.]

(22.2 × 14.5 cm). Pp. [i-vii] viii-lxxxvii [lxxxviii], 1-459 [460], ²1-7 [8]; chromolith. front., chromolith. plates I-IV (by Keulemans), 4 plates (2 mounted real photos., 2 mounted collotypes), 3 fold. maps (2 col.). Accompanied by Supplement, pp. 1-31; wrapper-title: Price 2s. 6d. net. / *The / birds of Devon.* / [8 lines as main work] / Supplement. / [2 lines of imprint, as main work] / 1895. / [All rights reserved.]

Contents—Half-title; title; ded.; conts.; list of illustrs.; errata; introd. (dated April 1892), pp. xi-xvii; discussions of geography and physiography, status of species, collections of Devon birds, and migration, pp. xvii-lxix; lists of bibl. sources, pp. lxix-lxxxvii; text proper, pp. 1-433, being an extensively and well annotated list of birds recorded in the county, with remarks on habitat, habits, unusual records, etc.; addenda and corrigenda, pp. 433-442; index, pp. 443-459; list of subscribers, pp. 1-7. Supplement: pref., pp. 1-5 (dated November 1895); text, pp. 5-31, an annotated list of species containing additions in knowledge accumulated since publication of the main text.

An unusually thorough and useful work of its kind and a handsome book. The present is the first edition, with separately published supplement of 1895. A "second edition" published in 1895 contained this supplement and possessed a slightly altered title, the main text reportedly being unchanged. Bookplate of Francis Hubert Barclay.

Irwin, 238; Mullens and Swann, 186-189 (hist., biogr., descr.); Wood, 327; Zimmer, 188-189 (both edits.).

DWIGHT, JONATHAN (1858-1929)

733. 1895. *Memoirs of the Nuttall Ornithological Club.* / No. II. / *The Ipswich Sparrow* / (*Ammodramus princeps* Maynard) / and / its summer home. / By Jonathan Dwight, Jr., M.D. / With a colored plate. / Cambridge, Mass. / Published by the Club. / August, 1895.

(27.5 × 21.7 cm). Pp. 1-56; chromolith. front. (by William Stone).

Contents—Title; text, pp. 3-42; bibl., pp. 43-54; index, pp. 55-56. The text provides an able and thorough summation of knowledge concerning this interesting form (*Passerculus princeps* Maynard of the 1957 A.O.U. *Check-List* or, as some would have it, *P. sandwichensis princeps*), as known at the time of writing,

with discussions of history, breeding habitat, habits, song, nest and eggs, food, etc., accompanied by complete synonymy and bibliography.

Title and contents self-explanatory. A fine, separately bound copy with original wrappers retained.

Wood, 327. Reviewed: *Auk*, 1895:377-378 (F. M. Chapman, who said: "... doubtless . . . the most complete biography . . . of any North American bird.").

734. 1900. [Annals N.Y. Acad. Sci., Vol. XIII, No. I, pp. 73-360, Oct. 19, 1900.] / **The sequence of plumages and moults of / the passerine birds of New York /** Jonathan Dwight, Jr. / (Read March 13, 1899) / [Plates I to VII]. [*Caption-title*] (24.2 × 16.0 cm). Pp. 73-360; fotogr. plates I-VII.

Contents—Caption-title and conts., p. 73; text, pp. 74-317; bibl., pp. 318-345; legends to plates, pp. 347-360. Pp. 74-136 are devoted to principles and generalizations, considering in detail matters falling under these headings: Indoor study of moult; Process of moult; Early plumages and moults of young birds; Sequence of plumages and moults; Color facts versus color theories; and Outdoor study of moult. Pp. 136-317 describe in sequence the molts and plumages of species then known from New York, as worked out by the author.

A classical paper on the subject, still highly useful, in which for the first time a basis was laid down for the orderly study and description of plumages and molts, and the ghost of "aptosochromatism" (physiologically-induced color change in fully grown feathers) forever laid. The work appeared as part of the serial cited in title and seems never to have been issued with separate title. Copies (like the present) are commonly found separately bound. Original wrappers bound in.

Reviewed: *Auk*, 1901:114-119 (Witmer Stone).

735. 1925. **The Gulls (Laridae) of the World; Their Plumages, Moults, / Variations, Relationships and Distribution /** By Jonathan Dwight, M.D. / Bulletin / of / The American Museum of Natural History / Vol. LII, Art. III, pp. 63-401 / New York / Issued December 31, 1925. [*Cover-title*.] (24.0 × 16.2 cm). Pp. 63-401, plates V-XV (plates V-X line-cuts, included in pagination; plates XI-XV col., by Allan Brooks¹), half-tone figs. 1-384 (from pencil drawings, chiefly by H. Ira Hartshorn²).

Contents—Caption-title and conts., p. 63; introd., pp. 63-64; text, with introductory matter (pp. 64-129) on such subjects as taxonomy and nomenclature, synonymy, molts and plumages, materials, keys to genera, etc., followed by detailed discussion of the species (pp. 129-330), giving for each synonymy, detailed description of molts and plumages, and a summary; bibl., pp. 330-336; diagrams of tails and wing-tips (figs. 1-384), said to include most plumages of almost all the species, pp. 337-401; index to complete volume, pp. 403-408.

A separately bound copy of an important and thorough monograph of a diffi-

¹ According to the reviewer cited.

² As previous note.

cult group, published as part of the serial noted in title. Irrespective of taxonomic decisions taken, the work possesses great and lasting descriptive value. The colored drawings by Brooks, showing heads and feet of various North American species, are models of their kind. Original covers bound in.

Reviewed: *Auk*, 1926:255-257 (Witmer Stone).

UNIVERSITY OF KANSAS PUBLICATIONS

Library Series

Editor, JAMES HELYAR

8. *A Bibliography of English Imprints of Denmark*, by P. M. Mitchell. 1969. \$2.00
10. *A Bibliography of the Frank E. Melvin Collection of Pamphlets of the French Revolution in the University of Kansas Libraries*, by Ambrose Saricks. 1961. 2 vols., \$7.50
12. *University of Kansas Graduate School Theses, 1948-1958*. Compiled by Bessie E. Wilder. 1961. \$2.50
13. *Six Variant Readings in the First Folio of Shakespeare*, by Charlton Hinman. 1961. \$1.50
14. *A Petition Regarding the Conditions in the C.S.M. Prison at Columbia, S.C., Addressed to the Confederate Authorities by Col. John Fraser*. Edited by George L. Anderson. 1961. \$1.50
15. *William Dampier: Seaman-Scientist*, by Joseph C. Shipman. 1962. \$1.50
20. *A Checklist of Linneana, 1735-1835*, by Terrence Williams. 1964. \$1.50
22. *Four Centuries of Shakespeare Publication*, by Giles E. Dawson. 1964. \$1.00
23. *A Guide to the Su Pu Tsung Kan*, by Karl Lo. 1965. \$1.50
26. *International Bibliography of Vegetation Maps*, edited by A. W. Kuchler. Volume 2: Europe. 1966. \$10.00
27. *Bibliography and Natural History: Essays presented at a Conference convened in June 1964 by Thomas R. Buckman*. 1966. \$5.00
28. *A Bibliography of 17th Century German Imprints in Denmark and the Duchies of Schleswig-Holstein*, compiled by P. M. Mitchell. Volumes 1-2. 1969. \$15.00
29. *International Bibliography of Vegetation Maps*, edited by A. W. Kuchler. Volume 3: Union of Soviet Socialist Republics, Asia, and Australia. 1969. \$7.50
30. *Rilke's last year*, by George C. Schoolfield. 1969. \$1.50
31. *The Two Worlds of University Publishing*, by Roger W. Shugg. 1968. \$1.00
32. *Bibliographical Contributions*, 1. 1969. \$2.00
33. *A Bibliographical Catalogue of the Ellis Collection of Ornithological Literature*. Vol. 1: A-B. 1972. \$10.00
34. *The Cuban Revolution of Fidel Castro Viewed from Abroad: an Annotated Bibliography*, by Gilberto V. Fort. 1969. \$3.00
35. *Growth and Change in the Early English Press*, by Richmond P. Bond. 1969. \$1.00
36. *International Bibliography of Vegetation Maps*, edited by A. W. Kuchler. Volume 4: Africa, South America, and World Maps. 1970. \$12.00
37. *Gilbert and Sullivan: Papers presented at the International Conference held at the University of Kansas in May 1970*. Edited by James Helyar. 1971. \$6.00
38. *Watching the Ps and Qs: Editorial Treatment of Accidentals*, by James Thorpe. 1971. \$1.00
39. *A Bibliography of 17th Century German Imprints in Denmark and the Duchies of Schleswig-Holstein*, compiled by P. M. Mitchell. Volume 3, 1976. (Supplement to No. 28) \$6.00
40. *Bibliographical Contributions*, 2. 1976. \$2.00
41. *Rilke and his Reviewers: an Annotated Bibliography*, by Henry F. Fullenwider. 1978. \$4.00
42. *The Dress of Words: Essays on Restoration and Eighteenth Century Literature in Honor of Richmond P. Bond*. Edited by Robert B. White, Jr. 1978. \$12.00
43. *A Critical Bibliography of Dr. Henry Sacheverell*, by F. F. Madan. Edited by W. A. Speck. 1978. \$15.00
44. *Anglo-Scottish Tracts, 1701-1714: a descriptive checklist*, compiled by W. R. and V. B. McLeod. 1979. \$12.00
45. *International Bibliography of Vegetation Maps*, edited by A. W. Kuchler. 2nd ed. Section 1: South America. 1980. \$15.00
46. *Literary and Historical Editing*, edited and with introductions by George L. Vogt and John Bush Jones. 1981. \$6.00
47. *The Elements of Abbreviation in Medieval Latin Palaeography*, by Adriano Cappelli. Translated by David Heimann and Richard Kay. 1982. \$4.00
48. *A Bibliographical Catalogue of the Ellis Collection of Ornithological Literature*. Vol. 2: C-D. 1983. \$25.00

The Library Series and other University of Kansas Publications are offered to learned societies, colleges and universities, and other institutions in exchange for similar publications. All communications regarding exchange and sales should be addressed to the Exchange Department, University of Kansas Libraries, Lawrence, Kansas, 66045. Communications regarding reviews and forthcoming publications in the Library Series should be addressed to the Editor of Library Publications, University of Kansas Libraries, Lawrence, Kansas 66045.