Z
5331
C85

SECOND INSTALMENT OF AMERICAN
ORNITHOLOGICAL BIBLIOGRAPHY

COUES

ALBERT R. MANN
LIBRARY
CORNELL UNIV.

ALBERT R. MANN
LIBRARY

NEW YORK STATE COLLEGES
OF
AGRICULTURE AND HOME ECONOMICS

AT
CORNELL UNIVERSITY

Cornell University Library
Z 5331.C85

Second instalment of American ornitholog

3 1924 001 074 396

mann

Cornell University Library

The original of this book is in
the Cornell University Library.

There are no known copyright restrictions in
the United States on the use of the text.

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. J. W.
rds, be

WASHINGTON, September 6, 1879.

C. C.

Art. XVII.—Second Instalment of American Ornithological Bibliography.

By Dr. Elliott Coues, U. S. A.

Part First of the "Birds of the Colorado Valley", etc., contains a Bibliographical Appendix (pp. 567-784, or [1]-[218]), which consists of a "List of Faunal Publications relating to North American Ornithology", being the first instalment of a Universal Bibliography of Ornithology upon which the author of that work is still engaged.

The present article may be considered to continue the subject, as it gives the titles of "Faunal Publications" relating to the Ornithology of the rest of America.

The former piece of work has been received with great favor by ornithologists, whose kind expressions of interest assure him that his bibliographical material is welcome.

This further instalment of the work is constructed upon the same principles as the other, and with the same great pains to secure good results. Though of course much less extensive, containing only about 700 titles, it is scarcely less complete, and no less accurate, than the North American portion. The compiler takes this occasion to renew the request that those who are interested in the matter will point out defects which may be detected in any portion of the work now printed.

To those who may not be informed of the general plan of the whole Bibliography, he may explain that it is modelled after the "Zoological Record", and that the titles given in this second instalment are only those which an editor of the "Record" would have brought under the head of "Neotropical Region"—all general and miscellaneous works, and all those upon particular species, genera, or families of birds, being excluded.

1648. MARCGRAVE, G. *Historia Naturalis | Brasiliae, | Auspicio et Beneficio | Illustriss. I. Mavritii Com. Nassav | illivs Provincjæ et Maris summi Praefecti Adornata | In qua | Non tantum Plantæ et Animalia, sed et In- | digenarum morbi, ingenia et mores describuntur et | Iconibus supra quingentas illustrantur. | Lvgdvn. Batavorvm, | Apud Franciscum Hackium, et | Amstelodami, | Apud Lud. Elzevirium. 1648. | [Or,]*

Gulielmi Pisonis, M. D. | Lugduno-Batavi, | De | Medicina Brasiliensi | Libri Quatvor: | I. De Aëre, Aquis, & Locis. | II. De Morbis Endemiis. | III. De Venenatis & Antidotis. | IV. De Facultatibus Simplicium. | Et | Georgi Marcgravii de Liebstad, | Misnici Germani, | Historiæ Rerum Na-

1648. MARCGRAVE, G.—Continued.

tvralivm | Brasiliæ, | Libri Octo : | *Quorum* | Tres priores agunt de Plantis. | Quartus de Piscibus. | Quintus de Avibus. | Sextus de Quadrupedibus & Serpentibus. | Septimus de Insectis. | Octavus de ipsa Regione, & illius Incolis. | Cvm | Appendice de Tapuyis, et Chilensibvs. | Ioannes De Laet, | Antwerpianus, | In ordinem digessit & Annotationes addidit, & varia ab Auctore | Omissa supplevit & illustravit. |

Above titles covering both Piso and Marcgrave; latter also separately subtitled in nearly identical words, omitting the Piso part of the title. 1 vol. folio. Engraved title to both, 1 l.; plain title to both, 1 l.; Piso to Prince William, 2 ll.; Piso to the reader, 1 l.; Piso's contents, 1 l.; Piso's text, pp. 1-122; Piso's index, 1 l.—Marcgrave's subtitle, 1 l.; Marcgrave's dedication, 1 l.; De Laet to the reader, 1 l.; Marcgrave's contents and errata, 1 l.; Marcgrave's text, pp. 1-292; Appendix, p. 293; Index, $\frac{1}{2}$ + 3 ll. Unnumbered cuts in text of both authors.

The fifth book of Marcgrave's part of this work treats of birds in fifteen chapters, as follows:—

Georgi Marcgravi Historiæ Naturalis Brasiliæ Liber Quintus. Qui agit de Avibus, in Quo sunt Icones quatuor supra quinquaginta, et Annotationes octo; pp. 190-220, Cap. I.-XV.—I, p. 190, Nhanduguacu, Iacana (fig.), variæ ejus species, Curicaca (fig.). II, p. 192, Tijepiranga (fig.), Iacapu, Iambu, Gallina africana (fig.), Guirangeima, Iupujuba (fig.), Sayacu, Ani (fig.), Guira guainumbi (fig.). III, p. 194, Jaguacati (fig.), Mitu (fig.), Mituporanga (fig.), Ibijau (2 figg.). IV, p. 196, Guainumbi variæ species (fig.). V, p. 198, Iacupema (fig.), Iacamacaij (fig.), Iacarutu (fig.), Soco (fig.), Matuitui (fig.). VI, p. 200, Iabiru (fig.), Iabiru guacu (fig.), Manucodiata. VII, p. 201, Guirapunga utraque (2 figg.), Guiraquerea (fig.), Jacamaciri (fig.), Cariama (fig.). VIII, p. 203, Guara (fig.), Urutaurana (fig.), Maguari, Guarauna (fig.), Ajaja, Picui pinima, Pica cureba, Tuidara, Guacuguaen, Tapera. IX, p. 205, Peittacorun majorum & minorum variæ species. Tui vulgo Perroquet. Aracanga (fig.). X, p. 207, Ipecu (fig.), Urubu (fig.), Tamatia utraque (2 figg.), Guirajemoja (fig.), Gurraru nheengeta (fig.). XI, p. 209, Cocoi Ardeæ species (fig.); alia species, Guiratinga, Ardeola (fig.), Iacarini, Guiratinga, Guiranheengatu. XII, p. 211, Curucui (fig.), Caracara (fig.), Tijeguacu (fig.), Teitei, Guiragiracu beraba (fig.), Guiracoereba, Guiraperea, Iapacani, Cabure, Andira aca. XIII, p. 213, Macucagua (fig.), Columbæ silvestris species, Anas sylvestris, Urubitinga (fig.), Mareca utraque, Tieguacu paroara (fig.), Tangara utraque (fig.). XIV, p. 215, Anhima (fig.), Pitangua guacu (fig.), Atingacu camucu (fig.), Guira acangatarã (fig.). XV, Matuitui (fig.), Aracari, Tucana, Anhinga (fig.), Ipecati apoa (fig.), Pullus gallinaceus monstrosus (quadrupes, fig.).

The figures are monstrous, reminding us of those of Gesner, for example, though many of the marked species are recognizable. The text, however, is minutely descriptive, and most of the species are identifiable.

This is a celebrated work, standing in much the same ornithological relation to South America that its virtual contemporary, Hernandez's, bears to Mexico. We have here the first description and primary basis of many species. Linnaeus and other early species-makers cite Marcgrave freely, and he remains, in fact, quotable to-day. The reader will not fail to note that he has here the vernacular derivation of many names with which he is familiar in their quasi-Latin and even English rehabilitation, but the etymology of which would not necessarily be obvious to a classicist. Compare with the above the following, for example: *Nandou*, *Pyrauga*, *Guira*, *Guiraca*, *Ani*, *Mitu*, *Mituporanga*, *Jacamar*, *Nacurutu*, *Jabiru*, *Cariama*, *Ajaja*, *Coebeba*, *Maguari*, *Guarauna*, *Tapera*, *Aracanga*, *Ararauna*, *Urubu*, *Nengeta*, *Cocoi*, *Carasara*, *Urubitinga*, *Tangara*, *Tanagra*, *Pitangus*, *Aracari*, *Tucana*, *Toucan*, etc.

For an elaborate commentary on this work, see 1820 and 1824, LICHTENSTEIN, H.

1658. ROCHEFORT, C. DE. Histoire | naturelle et morale | des | Iles antilles | de l'Amerique. | Enrichie de plusieurs belles figures des Raretez les plus | considerables qui y sont decrites. | Avec vn Vocabulaire Caraïbe. | [Dessin.] | A Rotterdam, | Chez Arnould Leers, | — | M. DC. LVIII. 1 vol. 8vo or sm. 4to. Eng. title, 8 prel. pp. incl. regular title, pp. 1-527, 6 ll. (contents).

Chapitre Quinzième, pp. 147-167, a fig. on p. 152, and a page of figs. on p. 166, "Des oiseaux les plus considerables des Antilles", des Fregates, des Fauves, des Aigrettes, etc., du Grand Gosier, des Poules d'eau, des Flammans (= *Platalea*), de l'Hirondelle, de plusieurs Oiseaux de terre, des Arras, des Canides, des Perroquets, des Perriques du tremble, du Passereau, de l'Aigle de l'Orinoco, du Mansfony, du Colibry.—This is the orig. ed.

1666. ROCHEFORT, C. DE. The History of the Caribby-Islands, viz. Barbades, [etc.] In two Books. The First containing the Natural the Second the Moral History, of these islands. Illustrated, [etc.] Rendered into English by John Davis of Kidwelly. London. 1666. 4to. pp. 326, 4 pll.
Not seen: title from Sabin's *Bibl. Amer.* Orig. ed. 1658, q. v.
1667. [STUBBES, DR. —.] Observations Made by a Curious and Learned Person, sailing from England, to the Caribe-Islands. < *Philos. Trans.*, ii, 1667, pp. 493-500.
1667. WARREN, G. Impartial Description of Surinam, . . . with a History of several strange Beasts, Birds, etc. 1667.
Not seen. [See beyond, ADDENDA, 1745.]
1668. STUBBES, DR. —. An Enlargement of the Observations, formerly publisht, Numb. 27, madé and generously imparted by that Learn'd and Inquisitive Physitian, Dr. Stubbles. < *Philos. Trans.*, iii, 1668, pp. 699-709.
Allusions to a few birds.
1681. [ROCHEFORT, C. DE.] Histoire | Naturelle et Morale | des | Iles Antilles | de l'Amerique, | Enrichie d'un grand nombre de belles Figures en taille douce, qui | representent au naturelles Places, & les Raretez les plus | considerables qui y sont décrites. | Avec un Vocabulaire Caraïbe. | Dernière Edition. | Revenü & augmentée par l'Authéur d'un Recit de l'Estat present des | celebres Colonies de la Virginie, de Marie-Land, de la Caroline, du | nouveau Duché d'York, de Penn-Sylvania, & de la nouvelle An- | gleterre, situées dans l'Amerique septentrionale, & qui rele- | vent de la Couronne du Roy de la grand' Bretagne. | Tiré fidelement des memoires des habitans des mêmes Colonies, | en faveur de ceus, qui auroient le dessein de s'y | transporter pour s'y établir. [Par César de Rochefort.] | [Vignette.] | A Rotterdam, | Chez Reinier Leers, | — | M. DC. LXXXI. 1 vol. Sm. 4to. Eng. title, plain title, both backed blank, and 16 more unpagéd ll., pp. 1-583, and 13 unpagéd pp.; then follow pp. 1-43, with a separate title, backed blank; many plates and other illustrations.
Orig. ed. 1658, q. v. Chap. XV, pp. 163-182, "Des oiseaux les plus considerables des Antilles"; cut on p. 168, and page full of cuts p. 182.
1682. NIEUHOFF, J. Joan Nieuhoofs Gedenkwaerdige Zee en Lantreize door de Voor-naemste Landschappen van West en Oostindien. Amsterdam. 1682. Folio.
Not seen. "The second part, beginning at p. 29, contains a cut representing several birds and a bat, with text descriptive of these and numerous other Brazilian birds. The figures are very good, much better than Marcgrave's; the names are vernacular."—J. A. ALLEN, *in epist.* [See beyond, ADDENDA.]
1703. OLIVER, W. A Letter from Dr. William Oliver to the Publisher, giving his Remarks in a late Journey into Denmark and Holland. < *Philos. Trans.*, xxiii, 1703, pp. 1400-1410.
Contains an account of a curious bird seen in Amsterdam from "Carthagena in America", described as "Vultur Americanus minor Carthagenæ Corpore eleganti & plumis admodum Concinne variegatis".
- 1707-25. SLOANE, H. A | Voyage | To the Islands | Madera, Barbados, Nieves, S. Christophers | and | Jamaica, | with the | Natural History | of the | Herbs and Trees, Four-footed Beasts, Fishes, | Birds, Insects, Reptiles, &c. | Of the last of those Islands; | To which is prefix'd An | Introduction, | Wherein is an Account of the | Inhabitants, Air, Waters, Diseases, Trade, &c | of that Place, with some Relations concerning the Neigh- | bouring Continent, and Islands of America. | — | Illustrated with | The Figures of the Things describ'd, | which have not been heretofore engraved; | In large Copper-Plates as big as the Life. | — | By Hans Sloane, M. D. | Fellow of the College of Physicians and Secretary | of the Royal-Society. | — | In Two Volumes. Vol. I [II]. | — | Many shall run to and fro, and Knowledge shall be increased. Dan. xii. 4. | — | London: | Printed by B. M. for the Author, 1707 [1725]. 2 vols. Folio.

1707-25. SLOANE, H.—Continued.

Vol. I, 1707, 8 p. ll., pp. i-cliv, 1-264, pll. i-iv (i being a map), 1-156. Vol. II, 1725, 2 p. ll. (title and dedication), pp. i-xviii, 1-499, pll. v-xi, 157-274.

There are some literal discrepancies in the titles of the two vols.: in the second the author appears as "Sir Hans Sloane, Bart.", and the last line is simply "Printed for the author. 1725."—Vol. II, Book VI, Part II, pp. 293-325, "Of the Birds of Jamaica", pll. 254-272.—Chap. I, Of Land Birds, 54 spp. Chap. II, Of Birds which Wade, or Frequent Watery Places, 17 spp. Chap. III, Of Water-Fowl, or such as are web-footed and Swim, 11 spp.; in all, 82 spp. The plates are very coarse and poor; some of them are as ludicrous as anything in Gesner, for example. The ornithology of this work has no intrinsic value, but derives some importance from the fact that here are the original descriptions of various birds upon which Linnæan species rest wholly or in part. Sloane's pages and plates were constantly cited by writers of the century, as Catesby, Edwards, Brisson, Linnæus, etc., and are sometimes referred to still.

1724. LABAT, —. *Nouveau Voyage aux Iles de l'Amérique.* 1724.

Not seen: said to contain natural history illustrations. [See ADDENDA, beyond.]

1729. WAFER, L. A New | Voyage | and | Description | of the | Isthmus of America. | Giving an Account of the | Author's Abode there, | The Form and Make of the Country, the Coasts, | Hills, Rivers, &c. Woods, Soil, Weather, &c. Trees, | Fruit, Beasts, Birds, Fish, &c. | The Indian Inhabitants, their Features, Complexion, | &c. their Manners, Customs, Employments, | Marriages, Feasts, Hunting, Computation, | Language, &c. | With Remarkable Occurrences in the South-Sea and | elsewhere. | — | By Lionel Wafer. | — | The Third Edition. | — | To which are added, | The Natural History of those Parts, | By a Fellow of the Royal Society: | and | Davis's Expedition to the Gold Mines, in 1702. | Illustrated with several Copper-Plates. | — | London, | Printed for James and John Knapton, at the | Crown in St. Paul's Church-Yard. M DCC XXIX.

Contained in vol. III of the series called "A Collection of Voyages", etc., 4 vols., London, 1729, being pp. 263-463 + 9, maps, plates.

"The Birds, and Flying Insects", pp. 334-339, consists of an account of sundry species by the author.

"An Additional Account of several Beasts, Birds, Fishes, Reptiles, &c. . . . Communicated by a Member of the Royal Society", Chap. II. Of the Birds, pp. 402-410. A formal account of no fewer than 118 spp., very curtly described under English names applied wholly at random.

1749. CONDAMINE, C. M. DE LA. Relation abrégée d'un Voyage fait dans l'intérieur de l'Amérique méridionale, depuis la Côte de la Mer du Sud, jusques aux Côtes du Brésil & de la Guiane, en descendant la rivière des Amazones. < *Mém. de l'Acad. Roy. des Sci. pour l'année 1745, 1749*, pp. 391-492, pll. viii, ix.

Notes sur les oiseaux, pp. 471-474.

1750. HUGHES, G. The | Natural History | of | Barbados. | — | In Ten Books. | — | By the Reverend | Mr. Griffith Hughes, A. M. | Rector of St. Lucy's Parish, in the said Island, and F. R. S. | — | [Vignette.] | — | London: | Printed for the Author; | And sold by most Booksellers in Great Britain and Ireland. MDCCL. 1 vol. Folio. 8 p. ll. (title, dedication, subscribers, etc.), pp. i-viii (preface, errata), 1-314. + 11 ll. (explanatory notes, index, addenda), pll. 1-29, folded map, and head- and tail-pieces.

Book III, pp. 69-79, Of Birds. A few species are very lightly treated, though it is stated that "An Inspection into the Structure, Nature and Qualities of every Species will convince us, that every Individual is stamped with Marks of infinite Wisdom".

1756. BROWNE, PATRICK. The | Civil and Natural | History | of | Jamaica. | In Three Parts. | Containing, | I. An accurate Description of that Island, its Situation and Soil; | with a brief Account of its former and present State, Government, | Revenues, Produce, and Trade. | II. A History of the natural Productions, including the various Sorts | of native Fossils; perfect and imperfect Vegetables; Quadrupedes, | Birds, Fishes, Reptiles and Insects; with their Properties and Uses | in Mechanics, Diet, and Physic. | III. An Account of the Nature of Climates in General, and their | different Effects upon the human Body; with a Detail of the | Diseases arising from this Source, particularly within the Tropics. | In Three Dissertations. | The Whole illustrated with

1756. BROWNE, PATRICK.—Continued.

Fifty Copper-Plates: | In which the most curious Productions are represented of the natural Size, and | delineated immediately from the Objects. | — | By Patrick Browne, M. D. | — | London: | Printed for the Author; and sold by T. Osborne, and J. Shipton, | in Gray's-Inn. MDCCLVI. 1 vol. Folio. 4p. ll. (two titles, dedication, and list of subscribers), pp. v-viii (preface), 1-503, + 1 l., pl. i, map, pll. 1-49.

Chap. IV, Of Birds, pp. 466-483, none of the plates. § 1. Of the smaller frugivorous and granivorous birds with short and pointed conic bills, etc.: *Hirundo* 4, *Loxia* 1, *Fringilla* 5, *Motacilla* 1. § 2. Of the smaller granivorous and vermivorous birds with conic and moderately slender lengthened bills, etc.: *Columba* 10, *Teta* 1, *Turdus* 2. § 3. Of birds of the larger granivorous tribe with thick, conic, and moderately arched bills, proportioned limbs, and divided claws: *Pavo* 1, *Cyrax* 1, *Meleagris* 1, *Gallus* 4, *Tetrao* 1. § 4. Of birds that have strong crooked bills and open claws, whose digits are generally furnished with strong arched nails: *Falco* 3, *Fulgur* 1, *Psittacus* 11, *Strix* 2. § 5. Of birds that have large straight bills, of a length nearly equal to the middle digits, and moderately flattened above: *Corvus* 1, *Crotophaga* 1, *Picus* 1, *Baristus* 1. § 6. Of birds that have long slender bills that arch and taper very moderately to the top: *Polytmus* 4, *Todus* 1, *Oriolus* 1, *Cuculus* 1, *Merops* 1, *Xanthornus* 2. § 7. Of birds whose bills are of a length with or longer than the middle digits, having long legs, partly naked thighs, and divided claws, and living chiefly in watery places, though they do not swim: *Tringa* 2, *Numenius* 1, *Ardea* 7. § 8. Of water-fowls, or birds that pass a considerable part of their time upon the water: *Fulica* 4, *Colymbus* 1, *Phenicopterus* 1, *Pelecanus* 1, *Cygnus* 2, *Anas* 6, *Anathetus* 2, *Larus* 4, *Sterna* 3, *Alcyon* 2. Under such classification the number of species indicated by the figures given are treated, with numbered generic, but no specific names, with Latin diagnoses, some little synonymy, both Latin and vernacular, and miscellaneous observations. It was a considerable ornithological treatise in its time, freely cited by Brisson, Linnæus, Edwards, and others; and some of these descriptions, like Sloane's, are the bases of species.—This is the orig. ed.; there is another, 1789.

1769. [BANCROFT, E.] An | Essay | on the | Natural History | of | Guiana, | In South America. | Containing | A Description of many Curious Productions | in the Animal and Vegetable Systems | of that Country. | Together with an Account of | The Religion, Manners, and Customs | of several Tribes of its Indian Inhabitants. | Interspersed with | A Variety of Literary and Medical Observations. | In Several Letters | from | A Gentleman of the Medical Faculty [E. Bancroft], | During his Residence in that Country. | — | — Adrespulcherrimas ex tenebris ad lucem erutas alieno | labore deducimur. | Seneca, De brevitate vitæ, cap. xiv. | — | London, | Printed for T. Becket and P. A. De Hondt | in the Strand. MDCCLXIX. 1 vol. 16mo. Frontisp. (2-headed snake), 2 p. ll. (title and dedication), pp. i-iv, 1-402, + 3 ll. (contents and advts.).

This anonymous work, by Dr. E. Bancroft, contains, pp. 152-185, "the Description of Birds inhabiting the aerial regions of Guiana, which, for the variety, vivacity and lustre of colours that adorn their plumage, are no where excelled".—There is a German version of same date.

1769. BANCROFT, E. Naturgeschichte | von | Guiana | in | Süd-Amerika. | worinn | von der natürlichen Beschaffenheit und den vor- | nehmsten Naturproducten des Landes, ingleichen der Re- | ligion, Sitten und Gebräuchen verschiedener Stämme | der wilden Landes-Einwohner, Nachricht | ertheilet wird. | — | In vier Briefen. | Von | Eduard Bancroft, Esq. | — | Aus dem Englischen. | — | [Quotation from Seneca.] | — | Frankfurt und Leipzig, | bey J. Dodsley und Compagnie, 1769. 1 vol. 16mo. Frontispiece (2-headed snake), pp. i-x, 1 l., pp. 1-248, 1 l.

Vögel, pp. 91-112. In dieser Ausgabe, die Arten die bereits in den Schriften des Herrn Linné, oder von andern Schriftstellern beschrieben worden sind, sind mit den unter den Text gesetzten linnäischen Trivialnamen, oder Benennung anderer Schriftsteller kennbarer gemacht worden.—Vergl. die Originalausgabe, 1769.

1775. SONNINI DE MANONCOUR, C. N. S. Observation sur les Coqs et Poules de l'Amérique méridionale. < Journ. de Physique, vi, 1775, pp. 128, 129.

Not seen: title from Carus and Engelmann.—The article doubtless refers to *Crocidae* or *Tinamidae*.

1775. SONNINI DE MANONCOUR, C. N. S. Observation sur les Mareils ou Faisans de la Guiana. < Journ. de Physique, v, 1775, pp. 345-350.

Not seen: title from Carus and Engelmann.—*Tinamidae*? *Crocidae*?

1776. ANON. [Molina, G. I.] *Compendio della Storia geografica, naturale e civile del regno del Chili*. Bologna. 1776. 8vo. 10 pl.

Not seen. Giebel, doubtless from Engelmann, gives such an edition as of "Molina"; but the first recognized edition is of 1782, *q. v.* See also Molina at 1808 and 1810. I do not know what this is, or what it may contain. Some clue to it may be given in the preface of the English version of 1808, where the American translator says:—"Through the politeness of a gentleman of his acquaintance, the translator has also been furnished with an anonymous compendium of the history of Chili, printed in Bologna in 1776, from which the supplementary notes to this volume are taken."

In respect to this anonymous compend, here is what Molina himself says in his preface to the original edition of the "Saggio", 1782—it is tacit admission of its authorship—"Le storie, o piuttosto le relazioni stampate, oltre ai quattro Poemi, che coronano impressi sulla guerra Araucana, . . . ed un *Compendio anonimo, che si pubblicò in lingua Italiana nel 1776*, il quale in certo modo dà una notizia più compiuta del Chili di quella, che danno le altre opere stampate, particolarmente intorno alla Geografia, e alla storia Naturale. Nulladimeno come questo Compendio è anche troppo ristretto, così io ho creduto di fare un servizio non inutile agli amatori delle cose Americane, presentando loro un ragguaglio più disteso e più circostanziato de' prodotti, e de' successi più notabili dello stesso Paese."

1776. CLAYTON, W. *An Account of the Falkland Islands*. < *Philos. Trans.*, lxvi, pt. i, 1776, pp. 99-108.

Considerable account of Penguins, Geese, and other birds, pp. 103-105.

1782. MOLINA, G. I. Saggio | sulla Storia Naturale | del | Chili | del Signor Abate | Giovanni Ignazio | Molina. | [Vignette.] | In Bologna MDCCLXXXII. | — | Nella Stamperia di S. Tommaso d'Aquino. | Con licenza de' Superiori. 1 vol. 16mo (sigs. A 1, 1 l.; A 2, 1 l.; A 3, 1 l.; A 4, 5 ll.). pp. 368, map opp. p. 17. > Libro IV. Vermi, Insetti, Rettili, Pesci, Uccelli, o Quadrupedi del Chili, pp. 196-367.

This is the *editio princeps* of the celebrated work. There are numerous later editions in various languages, which see below: German, Leipzig, 1786; Spanish, Madrid, 1788; French, Paris, 1789; American, Middletown, Conn., 1808; English, London, 1809; Italian again, Bologna, 1810. See especially 1808 and 1810. Consult also 1776, ANON. See *Trans. Linn. Soc.*, vii, p. 225; *Oken's Isis*, ix, 1833, p. 824; *Rev. Zoologique*, 1840, p. 147. See also Philipp's *Comentario, Anal. Univ. Chile*, xxix, 1867, pp. 788-795.

Molina is famous in the annals of South American ornithology. Being a binomenclator after the most approved fashion of the time, he is citable as authority for species, and most of those he describes are new, antedating Gmelin (1788) and Latham (*Ind. Orn.*, 1790). The ornithological matter consists, first, of a general treatise on the birds of Chili, pp. 232-268; second, of a synopsis, pp. 343-345, in which the species receive formal Latin diagnoses in the Linnæan manner (Catalogo delle nuove specie descritte in questo Saggio ordinate secondo il Sistema Linneano). The general text of the former is accompanied also by Latin diagnoses of the species treated in footnotes. As this edition is not very generally accessible, I give the names of the species treated, with the pages on which each occurs. All are new excepting the three marked "Linn."

Anus regia, pp. 234, 344; *A. coscoroba*, pp. 234, 344; *A. melanorhiza*, pp. 234, 344; *Ardea erythrocephala*, pp. 235, 344; *A. galatea*, pp. 235, 344; *A. cyanocephala*, pp. 235, 344; *A. thula*, pp. 235, 344; *Columba melanoptera*, pp. 236, 345; *Picus lignarius*, pp. 236, 343; *P. pitius*, pp. 236, 343; *Diomedea chilensis*, pp. 238-344; *D. chiloensis*, pp. 239, 344; *Pelecanus thagus* (gen. nov.) *rara*, pp. 254, 345; *Psittacus cyanalysis*, pp. 256, 343; *P. choræus*, pp. 257, 343; *P. jaguima*, pp. 257, 343; *Parra chilensis*, pp. 258, 344; *Otis chilensis*, pp. 250, 344; *Struthio rea* (Linn.), p. 261; *Strix cucularia*, pp. 263, 343; *Falco tharus*, pp. 264, 343; *Fulcur* [sic] *jota*, p. 265, 343; *Vultur gryphus* (Linn.), p. 266.

The following is a complete and exact transcript of the systematic catalogue, pp. 343-345, giving the names and diagnoses of all Molina's new species:—

AVES.

Accipitres.

Vultur Jota niger, remigibus fuscis, rostro cinereo.

Falco Tharus cera, pedibusque luteis, corpore albo-nigrescente, vertice cristato.

Strix Cucularia capite lævi, corpore supra fusco, subtus albo, pedibus tuberculatis pilosis.

1782. MOLINA, G. I.—Continued.

Picæ.

- Psittacus *Jaguilma* macrourus viridis, remigibus apice fuscis, orbitis fulvis.
 Psittacus *Cyanalytioides* brachyurus luteo-virens, collare cæruleo, uropygio rubro.
 Psittacus *Choreus* brachyurus viridis, subtus cinereus, orbitis incarnatis.
 Picus *Lignarius* pileo coccineo, corpore albo, cæruleoque vittato.
 Picus *Pitius* cauda brevi, corpore fusco maculis ovalibus albis guttato.
 Trochilus *Cyanocephalus* rectirostris capite, remigibus, rectricibusque cæruleis, abdomine rubro.
 Trochilus *Galeritus* curvirostris viridi-aureus, remigibus, rectricibusque fuscis, crista purpurea.

Answers.

- Anas Melancorypha* rostro semicylindrico rubro, capite nigro, corpore albo.
Anas Hybrida rostro semicylindrico, cera rubra, cauda acutiuscula.
Anas Regia caruncula compressa frontali, corpore caeruleo subtus fusco, collari albo.
Anas Coscoroba rostro extremo dilatato, rotundato, corpore albo.
Diomedea Chilensis alis impennibus, pedibus compedibus tridactylis, digitis omnibus con-
 nexis.
Diomedea Chilensis alis impennibus, pedibus compedibus tetradactylis palmatis, corpore
 lanuginoso cinereo.
Pelecanus Thagus cauda rotundata, rostro serrato, gula saccata.

Grallæ.

- Phaenicopterus *Chilensis* ruber, remigibus albis.
 Ardea *Erythrocephala* crista dependente rubra, corpore albo.
 Ardea *Galatea* occipite subcristato, corpore lacteolo, rostro luteo, pedibus coccineis.
 Ardea *Cyanocephala* vertice cristato caeruleo, remigibus nigris albo marginatis.
 Ardea *Thula* occipite cristato concolore, corpore albo.
 Tantalus *Pillus* facie, rostro, pedibusque fuscis, corpore albo, remigibus rectricibusque nigris.
 Parra *Chilensis* unguibus modicis, pedibus fuscis, occipite subcristato.
 Otis *Chilensis* capite, juguloque laevi, corpore albo, vertice tectricibusque cinereis, remigibus primor. nigris.

Passeres.

- Columba *Melanoptera* cauda cuneata, corpore cærulescente, remigibus nigris.
 Sturnus *Loyca* fusco, alboque maculatus, pectore coccineo.
 Turdus *Thilius* ater, axillis luteis, cauda cuneata.
 Turdus *Thenca* fusco-cinereus, subtus pallido-cinereus, remigibus rectricibusque apice
 albis.
 Turdus *Curæus* ater nitens, rostro substriato, cauda cuneata.
 Fringilla *Barbata* lutea, alis viridibus, nigro rubroque maculatis, gula barbata.
 Fringilla *Diuca* cærulea, gula alba.
 Phytotoma (*gen. nov.*) Rostrum conicum, rectum, serratum.
 Nares ovatae.
 1. Phytotoma *Rara*. Lingua brevis obtusa.

1783. MOLINA, G. I. Essai sur l'Histoire Naturelle de Chili. Paris. 1783. 8vo.

Not seen: title of this French version from Ag. & Strickl., *Bibl.*—Orig. ed. 1782, *q. v.*
There is another French ed., 1789, *q. v.*

1784. DOBRIZHOFFER, M. *Historia de Abiponibus, Equestri, Bellicosaque Paraquariæ Natione, locupletata copiosis Barbararum Gentium, Urbium, Fluminum, Terrarum, Amphibiorum, Insectorum, Serpentium præcipuorum, Piscium, Avium, Arborum, Plantarum, aliorumque ejusdem Provinciæ Proprietatum Observationibus; Authore Martino Dobrizhoffer, Presbytero, et per Annos duodeviginti Paraquariæ Missionario.* Vienna, 1784.

The *editio princeps*, not seen by me. There is a German translation, Vienna, 1784, and a later English version, London, 1822, *q. v.*

1785. SONNINI DE MANONCOUR, C. N. S. Du Sasa, Oiseau de la Guyane. < *Journ. de Physique*, xxvii, 1785, pp. 222-224.—*Licht. und Voigt's Magaz.*, (3), iv, 1787, pp. 45-50 (über den Sasa, einen Vogel aus Guiana).

Not seen: titles of both these articles from Carus and Engelmann. The "Sasa" is *Opisthocomus cristatus*. Giebel makes "du Sasa" a part of Sonnini's name.

1786. FAHLBERG, S. Slutet, af Samlingar til Natural-Historien öfver Ön St. Barthlemi i Vestindien. < *Kongl. Vetensk.-Acad. Nyt Handl.*, vii, 1786, pp. 248-254.

Chiefly botanical; a few birds given on p. 253.

1786. MOLINA, G. I. Versuch | einer | Naturgeschichte | von | Chili. | — | Von | Abbé J. Ignatz Molina. | Aus dem Italiänischen übersetzt | von | J. D. Brandis, | Doctor der Arzneywissenschaft. | — | Mit einer Landcharte. | — | Mit Churfürstl. Sächsischer Freyheit. | — | Leipzig, | bey Friedrich Gotthold Jacobäer 1786. 1 vol. 16mo (sigs. *1, 1 l.; *2, 1 l.; *3, 1 l.; *4, 1 l.; *5, 4 ll.). 9 p. ll., pp. 1-328, map.

See the orig. ed., 1782. In this German version, the birds are at pp. 205-238, 304-306.

1788. MOLINA, G. I. Compendio | de la Historia Geográfica, | Natural y Civil | del Reyno de Chile, | escrito en Italiano | por el Abate Don Juan | Ignacio Molina. | Primera [Segunda] Parte, | que abraza la Historia Geografica | y Natural, | traducida en Español | Por Don Domingo Joseph | de Arquellada Mendoza, Individuo de la | Real Academia de Buenas Letras de Sevilla, y Maestrante | de Ronda. | En Madrid | por Don Antonio de Sancha. | Año M. DCC. LXXXVIII. | Se hallará en su Libreria en la Aduana vieja. 2 vols. sm. 4to shape, 16mo type-bed (sigs. *1, 1 l.; *2, 4 ll.; **2, 4 ll., etc.). Vol. I, pp. i-xx, 1-418, 1 map.

See the orig. ed., 1782. Only the first vol. is here cited; the second has a different title, though beginning similarly, relates to the civil history of Chili, translated and augmented by various notes by Nicolas de la Cruz y Bahamonde, and dates 1795; has portrait of Molina and several maps.

In this Spanish version, the bird-matter is in Part or Vol. I. as above cited, pp. 257-301, 390-393.

1789. BROWNE, PATRICK. Civil and Natural History of Jamaica. London. 1789. Fol. Not seen: said to contain a Linnæan index. It is the 2d ed. See the orig. ed., 1756.

1789. MOLINA, G. I. Essai | sur | L'Histoire Naturelle | du Chili, | Par M. l'Abbé Molina; | Traduit de l'Italien, & enrichi de notes, | Par M. Gruvel, D. M. | — | A Paris, | Chez Née de la Rochelle, Libraire, rue du | Hurepoix, près du pont Saint-Michel, n^o. 13. | — | M. DCC. LXXXIX. | Avec Approbation et Privilège du Roi. 1 vol. 16mo. (sigs. a 1, 1 l.; a 2, 1 l.; a 3, 1 l.; a 4. 5 ll.). pp. i-xvj, 1-352, no map.

See the orig. ed., 1782. In this French version, the bird-matter is at pp. 211-249, 321-324. The translator makes a separate head ("§ XXXV. Oiseaux. Génin en Chilien.") for the birds, and introduces Molina's binomials into the general text, in brackets.

1792. RICHARD, L. C., and BERNARD, J. P. Catalogue des Oiseaux envoyés de Cayenne par Le Blond. <Actes Soc. Hist. Nat. Paris, i. 1792, pp. 116-119.

Not seen: title from Carus and Engelmann, *Bibl.*

1794. WEST, H. Beyträge | zur | Beschreibung | von | St. Croix. | — | Nebst einer | kurzen Uebersicht | der benachbarten Inseln, | St. Thomas, St. Jean, Tortola. Spanishtown | und Krabbeneyland | von | Hans West, | Rector am Westindischen Schulinstitut. | — | Aus dem Dänischen, | mit Verbesserungen und Vermehrungen des Verfassers. | — | Kopenhagen, 1794. | Bey C. G. Proft, Sohn und Compagnie. 1 vol. 16mo. 2 p. ll., pp. 1-274.

Orig. ed. 1793, [q. v., beyond, ADDENDA.] *Ardea coerules* and *Fulica chloropus*, p. 243.

- 1802-05. AZARA, F. DE. Apuntamientos | para la Historia Natural | De Los Pájaros | del Paraguay | y Rio de la Plata. | escritos | Por Don Felix de Azara. | Tomo Primero [Segundo, Tercero]. | Madrid MDCCCH [MDCCCV]. | en la imprenta de la viuda de Ibarra. | Con licencia. 3 vols. very small 4to (type-bed size of a 12mo). Vol. I, 1802. 1 p. l., pp. i-xx, 1-534 + 1 l. Vol. II, 1805, 1 p. l., pp. i-viii, 1-562 + 1 l. Vol. III, 1805, 1 p. l., pp. i-vi. 1-479 + 1 l.

Editio princeps—scarce, and seldom actually consulted, though constantly quoted. Sonnini's French translation, Paris, 1809, is oftener handled. Azara describes 418 species, all unfortunately under Spanish names only, as many of them are here published for the first time, and form the original basis of many binomial names later bestowed by Vieillot, Temminck, Lichtenstein, and others, to which, in the nature of the case, much uncertainty and no little confusion attaches in many instances. Hartlaub has published an invaluable Systematic Index (Bremen, 1847) to Azara, identifying the species as far as possible, with a concordance of *ed. princ.* and *ed. Sonnini*, and a considerable synonymy. From the latter I quote the following, referring to the learned and accurate commentator himself for further particulars:—

"Nur Wenigen ist Azara's berühmtes Werk über die Vögel Paraguay's in der spanischen

1802-05. AZARA, F. DE.—Continued.

1802 bis 1805 zu Madrid erschienenen Originalausgabe bekannt. Erst durch Sonnini's sehr verdienstliche Uebersetzung wurde dasselbe für die Wissenschaft im weiteren Umfange zugänglich. In dieser Uebersetzung sind die oft etwas verworren aneinandergefügt Originalbeschreibungen zweckmässig in Formen, Maasse und Färbung gesondert, und des Verfassers Bekanntheit mit den Vögeln Gujana's erhöht den Werth des kritischen Theils desselben. Das erste Werk, in welchem Azara'sche Vögel systematische Benennungen erhalten, ist, wenn wir nicht irren, Temminck's „Histoire naturelle des Pigeons et des Gallinacées“. Bald darauf versuchte Vieillot in dem 1816 bis 1819 bei Détéville herausgekommenen „Dictionnaire d'histoire naturelle“ dieselben sämmtlich den dazumal aufgestellten Gattungen einzuverleiben und den seiner Ansicht nach zuvor unbeschriebenen wissenschaftliche Namen zu geben; ein Versuch, dessen mehr als zweifelhafter Erfolg namentlich dem Umstande beizumessen ist, das Vieillot diese Vögel nur nach Beschreibungen kannte, mithin sowohl hinsichtlich ihrer systematischen Stellung als auch ihrer Artselbständigkeit in zahlreiche Irrthümer verfallen musste. Unbenannt blieben von ihm nur wenige Arten, welche er nicht mit genügender Sicherheit in dieser oder jener Gattung unter bringen zu können glaubte. Für einzelne schuf er neue Genera, so *Alectrurus* für den „Gallito“ und *Steganopus* für den „Chorlito del tarso comprimido“. In den drei die Ornithologie umfassenden Theilen des „Tableau encyclopédique et méthodique des trois règnes de la nature“ findet sich Vieillot's Nomenclatur der „Páxaros“ mit geringen Abänderungen reproducirt. Gleichzeitig mit letztgenanntem Buche, also 1823, erschien Lichtenstein's „Verzeichniss der Doubletten des zoologischen Museums der Königl. Universität zu Berlin“, ein Werkchen, welchem die Wissenschaft zum Theil aus dem Grunde einen dauernden Werth zugestanden hat, weil es die erste umfassendere kritische Benutzung und Berücksichtigung der „Páxaros“ enthält. Unter 120 darin aufgeführten brasilianischen vom Verfasser mit Arten Azara's für identisch erklärten Vögeln befinden sich etwa 50, welche, da derselbe das „Dictionnaire d'histoire naturelle“ noch nicht kannte, von ihm systematische Benennungen erhalten, die denn freilich mit wenig Ausnahmen durch die früheren Vieillot's in den Rang von Synonymen zurückgedrängt werden. Eine sehr angemessene Würdigung finden Azara's Arbeiten in des Prinzen von Neuwied trefflichen „Beiträgen zur Naturgeschichte Brasiliens“. Etwa 150 Vögelarten Paraguay's glaubt derselbe für mit von ihm beobachteten gleichartig halten zu dürfen, und häufig findet er Gelegenheit des spanischen Naturforschers Bemerkungen über Lebensweise mit seinen eigenen zusammenzustellen und zu bestätigen.“

1807. HUMBOLDT, A. V. Über die Chinawälder in Südamerika. < *Mag. Gesell. Naturf. Freunde zu Berlin*, i, 1807, pp. 57-68.

Behandelt Vögel, p. 59.

1808. MOLINA, G. I. The | Geographical, | Natural and Civil History | of | Chili. | — | By Abbe Don J. Ignatius Molina. | — | Illustrated by a half-sheet map of the country. | — | With notes | from the Spanish and French versions, | and | an appendix, | containing copious extracts from the Araucana | of Don Alonzo de Ercilla. | — | Translated from the original Italian, | by an American gentleman [A. Alsop]. | — | In two volumes. | Vol. I [II]. | — | Middletown, (Conn[ecticut, U. S.].) | Printed for I. Riley, | — | 1808. 2 vols. 8vo size, 4to by sigs., 4 ll. to a sig. Vol. I, 4 p. ll., pp. i-xii, 1-271, 1 l., map. Vol. II, 1 p. l., pp. i-viii, 1 blank l., 1-306, 1 unpagued p., 1 blank l.; (Appendix), pp. i-iv, 5-68.

See the original edition, 1782. In this, the earliest English version I know of, the bird-matter is in vol. I, chap. IV, sect. V, pp. 162-188, with the original Latin diagnoses at pp. 240-242; see also p. 268. *Phytotoma* here becomes "Phitotoma". As in some other versions, the footnotes of the original are here dispensed with, and the technical names are inserted in the text in parentheses.

"The author of the present work, Don Juan Ignatius [i. e. Giovanni Ignazio] Molina, was a native of Chili, distinguished for his literary acquirements, and particularly his knowledge of natural history, large collections in which he had made during his residence in that country. On the dissolution of the celebrated order of the Jesuits, of which he was a member, he shared the general fate of that community, in being expelled from the territories of Spain, and was at the same time deprived not only of his collections in natural history, but also of his manuscripts. The most important of the latter relative to Chili, he had, however, the good fortune to regain by accident some time after his residence in Bologna, in Italy, whither he had gone on his arrival in Europe. Furnished with these materials, he applied himself to writing the History of that country, which was published at two different periods; the first part, comprising the Natural History, in the year 1787 [qu. 1782], and the second, for reasons mentioned in his preface, not until some years after."

1809. AZARA, F. DE. Voyages | dans | l'Amérique Méridionale, | par Don Félix de Azara, | Commissaire et Commandant des limites Espagnoles de Paraguay | depuis 1781 jusqu'en 1801; | Contenant la description géographique, politique et civile du | Paraguay et de la rivière de La Plata; l'histoire de la décou- | verte et de la conquête de ces contrées; des détails nom- | breux sur leur his- | toire naturelle, et sur les peuples sauvages | qui les habitent; le récit des moyens employés par les | Jésuites pour assujétir et civiliser les indigènes, etc. | Publiés d'après les manuscrits de l'auteur, | avec une notice sur sa vie et ses écrits, | Par C. A. Walckenaer; | enrichis de notes par G. Cuvier, | Secrétaire perpétuel de la classe des Sciences Physiques de l'Institut, etc. | Suivis de l'histoire naturelle des Oiseaux du Paraguay et de La Plata, par | le même auteur, traduite, d'après l'original espagnol, et augmentée | d'un grand nombre de notes, par M. Sonnini; | Accompagnés d'un atlas de vingt-cinq planches. | Tome Premier [-Quatrième]. | — | Paris, | Dentu, Imprimeur-Libraire, | Rue du Pont-de-Lodi, n° 3. | 1809. 4 vols. small 8vo, and large 4to atlas. Vols. I, II, no ornithology. Vol. III, 2 p. ll., pp. i, ii, 1-479. Vol. IV, 2 p. ll., pp. 1-380. Atlas, 4to, same date and imprint, titled Voyages | dans | L'Amérique méridionale, | par Don Félix de Azara. | — | Collection de planches. 2 ll. of text, pll. xxv, of which xxii-xxv are of birds.

In this French version by Sonnini, much better known than the original, Azara's *Apun- tamientos para la historia natural de los Pájaros de Paraguay*, etc., are contained in the third and fourth volumes; four birds are figured in the atlas. Sonnini's translation is considered "meri- torious", but has its short-comings. See especially Hartlaub's *Systematischer Index*, 1847.

1809. MOLINA, G. I. The | Geographical, | Natural, and Civil | History of Chili. | Translated from the original Italian of | the Abbe Don J. Ignatius Mo- lina. | — | To which are added, | Notes | from the Spanish and French ver- sions, | and | two Appendixes, | by the English editor; | [etc., 5 lines.] | — | In two volumes. | — | Vol. I [II]. | — | [London:] printed for Longman, Hurst, Rees, and Orme. | Paternoster-row. | — | 1809. 2 vols. 8vo. Vol. I, pp. i-xx, 1-321+1½ ll. advt., map. Vol. II, pp. i-xii, 1-325+1½ ll. advt.

See the original edition, 1782. This is apparently reprinted from the Middletown (Conn.) ed. of 1808, *q. v.*, with which it is substantially identical in the ornithological matter. Birds: Vol. I, Chap. IV, sect. V, pp. 191-222, and pp. 282-284; see also p. 317. But the English editor (as I may state for others than ornithologists) has added occasional notes over the initials E. E., and subjoined a further elucidation of the language of the Arancanos, from Falkner's Para- gonia, besides adding the two appendixes mentioned in the title.

1810. LEDRU, A.-P. Voyage aux Iles de Ténériffe, la Trinité, Saint Thomas, Sainte-Croix et Porto-Ricco, . . . &c. Par Andre-Pierre Ledru . . . &c. Paris. 1810. 2 vols. 16mo. [See complete title beyond, ADDENDA.]

Not seen: cited from *Ibis*, 1859, pp. 374, 375. M. Ledru was one of the naturalists (with Mangé) of the expedition commanded by Captain Bandin in 1796-98. His work contains (vol. II, pp. 86 et seq.) an "Essai sur l'histoire naturelle des îles danoises", by M. Sonnini, in which ornithology is represented by a variety of matter, some of it wild.

1810. MOLINA, G. I. Saggio | sulla Storia Naturale del Chili | di | Gio: Ignazio Mo- lina | Seconda Edizione | accresciuta e arricchita di una nuova carta geogra- fica | e del ritratto dell' autore. | ,, Hic vir assiduum, atque alienis mensibus aestas, | ,, Bis gravidae pecudes, bis pomis utilis arbor . . . | ,, Haec eadem argenti rivos, aerisque metalla | ,, Ostendit venis, atque auro plurima fluxit | Virg. Georg. lib. 2. | Bologna 1810. | — | Tipografia de' fratelli Masi e comp. | 1 vol. Large 4to. Title, backed blank, frontisp. (portrait of Molina), dedication 2 ll., preface pp.) (i) (-) (v) (r), p. vi blank; pp.) (1) (-) (306) (-) 1 l. errata; map.

The second *Italian* edition (original edition, 1782); but there had meanwhile been sundry others, in Spanish, French, German, and English, *qq. vv.* Respecting the present, the author says in the preface:—"Il Saggio sulla Storia naturale del Regno del Chili venuto alla luce nell' anno 1782 non era altro che un succinto Compendio delle Osservazioni da me fatte cerca gli Esseri appartenenti ai tre Regni della Natura, che si ritrovano in quel Paese. . . . Tutti le Nazioni colte dell' Europa lo vellerò tradotto nelle loro lingue. L'edizione originale fu ben presto smaltita. Parecchi dilettanti di storia naturale, che non potevano più provvedersene, s'accordarono a farne una ristampa, e mi significarono il desiderio che avevano di arricchirla di un' appendice, so io fossi in grado di somministrar loro i materiali necessarij."

1810. MOLINA, G. I.—Continued.

In this late edition, the ornithology occupies § xiii—§ xvii, pp. 197–226. It is entirely remodelled, largely rewritten, and much augmented. While all the earlier versions of "Molina" are substantially the same as the original of 1782, the present is therefore quite a different thing, and should be gingerly touched, by any one unfamiliar with the original, in any matter relating to nomenclature, or authority for species. The Latin diagnoses and the footnotes of the original have all disappeared, and with them has gone Molina as an original authority; he is here like another person or editor compiling from and enlarging upon "Molina." The following names occur here:—

Anas regia "Frez.", *A. picta* "Lath.", *A. coscoroba* "Diz. Chil.", *A. hybris* "Diz. Chil.", p. 198. *A. dispar*, *A. magellanica* "Lath.", *A. melancorypha* "Bougainv.", *Pelecanus thagus* "Diz. Chil.", p. 199. *P. carunculatus* "Lath.", *P. cristatus* "Lath.", p. 200. *P. magellanicus* "Lath.", *Aptenodytes maxima*, *patagonica* "Lath.", p. 201. *A. cyanocephala*, *papua* "Lath.", *A. saltatoria*, *chrysocome* "Lath.", *A. præcineta*, *magellanica* "Lath.", *A. chilensis* "Diz. Chil.", *A. chilensis* "Lath.", p. 202. *Phoenicopterus chilensis* "Oval. Stor.", p. 203. *Tantalus pillus* "Diz. Chil.", *Ardea cyanocephala*, p. 204. *A. erythrocephala* "Vid.", *A. galatea*, *A. alba*, *lithula* "Diz. Chil.", *Parra chilensis* "Diz. Chil. Oval.", p. 205. *Fringilla barbata* "Diz. Chil. Ov.", p. 209. *F. diuca* "Diz. Chil.", p. 210. *Turdus thilius* "Diz. Chil.", *T. curæus* "Diz. Chil.", p. 211. *T. militaris* "Lath.", p. 212. *T. thenca* "Diz. Chil.", p. 213. *Phytotomara* "gen. nov. Vid." [!], p. 214. *Picus pileatus* [!], *P. lineatus*, *al. lignarius*, *P. pitius*, p. 215. *Psittacus cyanolytios*, *P. choraëus*, p. 216. *P. jamaica*, *Columba turtur* [!], *C. melanopectera*, *O. passerina*, p. 217. *Tetrao perdix* [!], *Strix cucularia*, p. 218. *Otis chilensis* "Diz. Chil.", p. 219. *Struthio rhea* "Linn. Diz. Chil. Oval.", *Vultur iota* "Diz. Chil.", p. 220. *Falco tharus* "Diz. Chil.", p. 221. *F. calquin* "Diz. Chil.", *Vultur gryphus* "Linn.", p. 223.

1814–26. LICHTENSTEIN, H. Die Werke von Marcgrave und Piso über die Naturgeschichte Brasiliens u. s. w. < *Abhandl. Berlin. Akad.* (Phys. Kl.), 18¹/₁₆, pp. 201–222; 18⁹/₁₇, pp. 155–178; 18²/₂₁, pp. 237–257, 267–288; 1826, pp. 49–66.

It appears from Carus and Engelmann, that Lichtenstein's commentary on Piso and Marcgrave originally appeared in instalments in *Abhandl. Berlin. Akad.* during several years; but I cannot now lay hands on the *Abhandlungen*. I give beyond, 1820 and 1824, titles taken from *Isis*, of what I suppose to be substantially the same thing, as far as the birds are concerned; the whole commentary, as above cited, relating also to other animals.

1819. ANON. [Notice of Spix and Martius's Brazilian Birds.] < *Isis*, Jahrg. iii, 1819, pp. 1346–1350.1820. LICHTENSTEIN, H. Marcgrave's und Piso's Berichte über die Brasilischen Thiere, erläutert aus den wiederaufgefundenen Original-Abbildungen. < *Oken's Isis*, Jahrg. iv, 1820, *Litter. Anzeig.*, pp. 635–652. (Vorgelesen in der Berliner Akademie 17. April 1817.)

An important commentary on the work, identifying the names and descriptions of these authors, as far as the birds are concerned.—See preceding title; also, 1824, same author.

1820. MAXIMILIAN, PRINZ ZU WIED-NEUWIED. Reise des Prinzen Maximilian von Wied-Neuwied. Gedrängter Auszug aus dem ersten Theile desselben. Frankfurt bei Brönnner. 4. < *Oken's Isis*, Jahrg. iv, 1820, *Litter. Anzeig.*, pp. 809–832, 965–990.1820. SCHREIBERS, C. v. Nachrichten von den kaiserl. österreichischen Naturforschern in Brasilien und den Resultaten ihrer Betriebsamkeit, vom Hof-Naturalien-cabinets-Direktor C. v. Schreibers. Brunn bey Tratzler 1820. 8. 191 nebst 1 Abb. v. Rio Janeiro und einem Plan der Stadt. < *Oken's Isis*, Jahrg. iv, 1820, pp. 289–309.

Vergleiche 1823, SCHREIBERS, C. v.

1820–21. MAXIMILIAN, PRINZ ZU WIED-NEUWIED. Reise | nach | Brasilien | in den Jahren 1815 bis 1817 | von Maximilian | Prinz zu Wied-Neuwied. | — | Mit zwei und zwanzig Kupfern, | neunzehn Vignetten und drei Karten. | — | Erster [zweyter] Band. | — | Frankfurt a. M. 1820 [1821]. | Gedruckt und verlegt bei Heinrich Ludwig Brönnner. 2 vols. Gr. 4to. Vol. I, 1820, pp. xxxvi, 380, 3 ll. Vol. II, 1821, pp. xviii, 346.

1821–22. MAXIMILIEN, PRINCE DE WIED-NEUWIED. Voyage | au Brésil, | dans les années 1815, 1816 et 1817, | par S. A. S. Maximilien, | Prince de Wied-Neuwied; | traduit de l'Allemand | par J. B. B. Eyriès. | Ouvrage enrichi d'un Bull. v, 2—7

- 1821-22. MAXIMILIEN, PRINCE DE WIED-NEUWIED.—Continued.
superbe atlas, composé de 41 planches | gravées en taille-douce, et de trois
cartes. | — | Tome Premier [Second, Troisième]. | — | Paris, | Arthur Ber-
trand, Libraire, | Rue Hautefeuille, n° 23. | 1821 [1821, 1822]. | H. Baillière,
219, Regent street, London. 3 vols. 8vo. Vol. I, 1821, pp. xvj, 399. Vol. II,
1821, 2 p. ll., pp. iii, 400. Vol. III, 1822, 2 p. ll., pp. iii, 364, 3 maps.
1822. DOBRIZHOFFER, M. An | Account | of | the Abipones, | An Equestrian People |
of | Paraguay. | — | From the Latin of Martin Dobrizhoffer, | eighteen years
a missionary in that country. | — | In three volumes. | Vol. I[—III]. | — | Lon-
don: | John Murray, Albemarle street. | 1822. 3 vols. 8vo.
Orig. ed. Latin, Vienna, 1784; ed. alt. Germ., ibid., 1784.—This English translation is anony-
mous, said to be by Sara Coleridge. Vol. I contains, pp. 308-333, accounts of sundry birds
of Paraguay, of no special consequence.
1822. MAXIMILIAN, PRINZ ZU WIED-NEUWIED. Reise nach Brasilien in den Jahren
1815-17, von Maximilian, Prinz zu Wied-Neuwied. 2ter Band. Frankfurt a.
M. bei Brönnner, 1821. 4. 345. mit 8 Kupf. in 4. und 8 in Fol. nebst 1 Charte.
< *Oken's Isis*, Jahrg. vi, 1822, *Litter. Anzeig.*, pp. 249-262, 265-280.
1822. SAINT-HILAIRE, AUGUSTE DE. Aperçu d'un Voyage dans l'intérieur du Brésil.
La province Cisplatine et les Missions dites du Paraguay. < *Mém. du Mus.
d'Hist. Nat.*, ix, 1822, pp. 307-380.
Note sur la *Cariama*, p. 323; *Oriolus aurantius* Valenc., p. 324.
1822. THUNBERG, C. P. Piprae novae species descriptae. < *Mém. de l'Acad. St.-Pé-
tersb. for* 1817-1818, viii, 1822, pp. 282-287, pll. vii, viii.
PP. caudata (pl. 7, f. 1), forficata (pl. 7, f. 2), lineata (pl. 8, f. 1), cyanea (pl. 8, f. 2), viridis
(pl. 8, f. 3), virens, pusilla (pl. 8, f. 4), fasciata, frontalis, cephalencos, flavogaster, brunnea,
atra—nec omnes Piprae generis sunt.
1823. ANON. Brasilianisches Museum in Wien. < *Oken's Isis*, Jahrg. vii, 1823, Bey-
lage No. 9.
Remarks upon the specimens contained, with notes on the birds *passim*.
1823. SCHREIBERS, C. v. Nachrichten von den kaiserl. österreichischen Naturfor-
schern in Brasilien und den Resultaten ihrer Betriebsamkeit. < *Oken's Isis*,
Jahrg. vii, 1823, pp. 714-724.
Aus Amtsrelationen der k. k. Gesandtschaft und aus den Berichten der Naturforscher an
Herrn v. Schreibers, und nach Untersuchung der eingesendeten Gegenstände u. s. w. (Brünn,
bey Tratzler, Hft. 2, 1822, 8°, SS. 114.)—Unter den Vögeln, von 61 verschiedenen Arten,
befinden sich 2 Geyer, 23 Papageyen, 69 Singvögel, 25 Tauben, 2 Hühner u. s. w.—Vergl. 1820.
SCHREIBERS, C. v.
1823. SCHREIBERS, C. v. Nachrichten von den kayserl. österreichischen Naturfor-
schern in Brasilien den Resultaten ihrer Betriebsamkeit. < *Oken's Isis*, Jahrg.
vii, 1823, pp. 1042-1065.
Aus Amtsrelationen der k. k. Gesandtschaft und aus den Berichten der Naturforscher. Von
Hrn. von Schreibers und nach Untersuchung der eingesendeten Gegenstände u. s. w. (Brünn,
bey Tratzler, Hft. 2, 1822, 8°, SS. 114.)—Vögel, pp. 1061-1063.—Vergl. 1820, SCHREIBERS, C. v.
- 1823-31. SPIX, J. B. v., and MARTIUS, C. F. E. Reise in Brasilien auf Befehl Sr.
Majestät Maximilian Joseph I, Königs von Baiern in den Jahren 1817 bis
1820 gemacht und beschrieben von Dr. Joh. Bapt. von Spix, und Dr. Carl.
Frieder. Phil. von Martius. München, 1823[-1831]. 3 Thle. 4to.
[See beyond, ADDENDA.]
1824. DESM . . ST [DESMAREST, A. G.] Abbildungen zur Naturgeschichte Brasiliens
. . . par le prince Maximilien . . . < *Féruss. Bull.*, 2^e sect., ii, 1824, p. 191.
1824. FÉRUSAC, — DE ?] Abbildungen zur Naturgeschichte Brasiliens. . . .
< *Féruss. Bull.*, 2^e sect., iii, 1824, pp. 221, 222.
1824. LICHTENSTEIN, H. Die Werke von Maregrave und Piso, über die Naturge-
schichte Brasiliens, erläutert aus den wieder aufgefundenen Original-Abbil-
dungen von Lichtenstein. < *Oken's Isis*, Jahrg. viii, 1824. *Litter. Anzeig.*, pp.
57-74.
Aus d. *Abhandl. Berl. Akad.*—Vergl. auch 1820, LICHTENSTEIN, H.

- 1824-25. SPIX, J. B. V. "Avium species novae, quas in itinere per Brasiliam annis 1817-20 collegit et descripsit. 2 vols. Folio. Monachii, 1824-25. Vol. I, 1824, pp. 90, pl. 104. Vol. II, 1825, pp. 85, pl. 118."
Not seen,—as I specially regret to say in this case.
1825. ANON. Beiträge zur Nat. Gesch. v. Brasilien von M. Prinzen zu Wied. Weimar, Landes-Industrie-Comptoir. 1825, 8. B. I. 612 mit 3 Kpfrt. <Oken's Isis, Jahrg. ix, 1825, pp. 1335-1340.
Vögel, pp. 1337, 1338.
1825. BONAPARTE, C. [L.] Descriptions of ten species of South American Birds. <Journ. Acad. Nat. Sci. Phila., iv, 1825, pp. 370-387.
Monasa fusca Bp., *Picus rubricollis* var. ♀, *Dendrocolaptes angustirostris*, *Fringilla flaveola*, *Tanagra flava*, *Muscicapa violenta* Bp., *Muscicapa taenioptera* Bp., *Muscicapa pullata* Bp., *Caprimulgus semitorquatus*, *Rallus nigricans*.
1825. BONAPARTE, C. [L.] Notes to the paper entitled Descriptions of ten species of South American Birds. <Journ. Acad. Nat. Sci. Phila., v, 1825, pp. 137-140.
Picus rubricollis and 3 spp. of *Rallus*. *R. melanurus* Bp., p. 139.—Also separate, pp. 4.
1825. LESSON, [R.] P. Remarques sur quelques Oiseaux de la province de Rio-de-Janeiro et des environs de Monte-Vidéo; . . . par MM. Quoy et Gaimard. . . . <Féruss. Bull., 2^e sect., vi, 1825, p. 93.
Extrait des *Annales des Sci. Nat.*, t. iv, Avril 1825, pp. 474-481, q. v.
1825. LESSON, R. P. Description de dix espèces d'oiseaux de l'Amérique méridionale . . . ; par Ch. Bonaparte. . . . <Féruss. Bull., 2^e sect., vi, 1825, pp. 412, 413.
Journ. Phila. Acad., iv, No. 12; Mai 1825, pp. 370-387, q. v.
1825. QUOY, J. R. C., and GAIMARD, J. P. Remarques sur quelques Oiseaux de la province de Rio-de-Janeiro et des environs de Montévidéo; sur leurs mœurs et leur distribution géographique. <Ann. des Sci. Nat., iv, 1825, pp. 474-481.
1825. SPIX, J. B. V., and MARTIUS, C. F. P. Musical Thrush [?] of Brazil. <Edinb. Philos. Journ., xii, 1825, pp. 186, 187.
From 'Travels in Brazil'.
1825. SUCH, G. Descriptions of some hitherto uncharacterized Brazilian Birds. <Zool. Journ., ii, 1825, pp. 110-117, pl. 4.
Galbula ceycoides, p. 112; *Gubernates* (g. n., p. 114) *cunninghami*, p. 114, pl. 4; *Dendrocolaptes crassirostris*, *D. fortirostris*, p. 115; *Ardea fasciata*, p. 117.
- 1825-33. MAXIMILIAN, PRINZ ZU WIED-NEUWIED. Beiträge zur Naturgeschichte von Brasilien, . . . Weimar. 1825-33. 4 vols. 8vo.
This is the date of the whole work: see vols. III, IV, cited beyond, 1830-33.
1826. GARNOT, P. Remarques sur la Zoologie des îles Malouines, faites pendant le Voyage autour du monde de la Corvette la Coquille, exécuté en 1822, 1823, 1824 et 1825. <Ann. des Sci. Nat., vii, 1826, pp. 39-59.
Sylvia macloviana, p. 44; *Certhia antarctica*, p. 45; *Charadrius pyrocephalus*, *Tringa urvillii*, p. 46; *Haematopus leucopodus*, p. 47; *Podiceps occipitalis*, p. 50; *Procellaria lessonae*, p. 54; *Anser antarcticus*, p. 58, spp. nn.—Observations sur le *Ohionis*.
1826. LESSON, R. P. Description de quelques oiseaux du Brésil jusqu'à présent mal caractérisés, par George Such. . . . <Féruss. Bull., 2^e sect., vii, 1826, pp. 246, 247.
Zool. Journ., ii, No. 5, 1825, pp. 110-117.
- 1826-27. SCOULER, J. Account of a Voyage to Madeira, Brazil, Juan Fernandez, and the Gallapagos Islands, performed in 1824 and 1825, with a view of examining their Natural History, &c. <Edinb. Journ. Sci., v, 1826, pp. 195-214; vi, 1827, pp. 51-73, 228-236.
Containing cursory remarks on birds, especially *Procellariidae*.
1827. [EDITORIAL.] [Note on Mr. W. S. MacLeay's "Remarks on the comparative anatomy of certain Birds of Cuba" (in Trans. Linn. Soc. ?).] <Philos. Mag., i, 1827, p. 65.
1827. GARNOT, P. Notice respecting the Zoology of the Falkland Islands. <Edinb. Journ. Sci., vi, 1827, pp. 321-325.
Translated from *Ann. Sc. Nat.*, vii, 1826, pp. 39-59. A summary of the ornithological features occupies most of the article.

1827. L[UROTH], S. G. Remarques sur la zoologie des îles Malouines, . . . ; par M. Garnot. . . < *Féruss. Bull.*, 2^e sect., x, 1827, pp. 127-129.
Ann. des Sc. Nat., Janv. 1826, pp. 39-59.
- 1827-28. KING, P. P. Extracts from a letter addressed by Capt. Philip Parker King, R. N., F. R. S. and L. S., to N. A. Vigors, Esq., on the Animals of the Straits of Magellan. < *Zool. Journ.*, iii, 1827, pp. 422-432; iv, 1828, pp. 91-105, pl. suppl. 29.
I. Haliaetus erythronotus, p. 424; *Strix rufipes*, p. 426; *S. nana*, p. 427; *Sylvia dorsalis*, p. 428; *S. obscura*, p. 429; *Picus magellanicus*, p. 430; *Mellisuga kingii* Vig., p. 432, spp. nn.—Annotations throughout by Mr. Vigors. II. *Columba meridionalis*, p. 92; *Scolopax magellanicus*, p. 93; *Rhynchæa occidentalis*, *Rallus setosus*, p. 94; *Rallus antarcticus*, *Fulica chloropoides*, p. 95; *F. gallinuloides*, *Charadrius rubecola*, p. 96; *Anas rafflesii*, p. 97, pl. suppl. 29; *Anas specularis*, *A. specularioides*, p. 98; *A. creccoides*, p. 99; *Oidemia patachonica*, p. 100; *Podiceps*, *leucopterus*, *Phalacrocorax niger*, p. 101; *P. atriceps*, p. 102; *P. cirriger*, *Larus haematorhynchus*, p. 103, spp. nn.
1828. ANON. Avium species novae, quas in itinere per Brasiliam annis 1817-1820 collegit et descripsit Dr. J. B. de Spix. Tabulæ lithographicae 118 a M. M. Schmid sculptæ. Monachii 1825. 4. maj. < *Oken's Isis*, Bd. xxi, 1828, pp. 88-92.
Inhaltsverzeichnis der Tafeln, Vögel, pp. 89-92.
1828. LESSON, [R. P.] Extrait d'une lettre adressée à M. Vigors par le capitaine King, sur les productions animales du détroit de Magellan. . . . < *Féruss. Bull.*, 2^e sect., xv, 1828, pp. 150, 151.
Zool. Journ., No. 11, 1827, pp. 422-432, and No. 13, 1828, pp. 91-105.
1828. LESSON, [R. P.] Notes à ajouter au mémoire intitulé: Description de dix espèces d'Oiseaux américains; par Charles Bonaparte. . . . < *Féruss. Bull.*, 2^e sect., xiii, 1828, pp. 240, 241.
Journ. Phila. Acad., v, pp. 137-140: voyez *Féruss. Bull.*, vi, 1825, pp. 412, 413.
1828. VIGORS, N. A. On some species of Birds from Cuba. < *Zool. Journ.*, iii, 1828, pp. 432-448.
Treats of 45 spp. *Accipiter fringilloides*, p. 434; *Falco sparveriioides*, p. 436; *Pyrhula collaris*, p. 440; *Oolaptes fernandinae*, p. 445; *Oolumbia inornata*, p. 446, spp. nn.—The above is a sub-title of Art. XLVI, "Sketches in Ornithology," etc.
1829. ANON. Notices Zoologiques communiquées par le Dr. Poeppig, pendant son voyage dans le Chili. . . . < *Féruss. Bull.*, 2^e sect., xix, 1829, pp. 95-104.
Extrait de *Fror. Notizen*, No. 529, juillet 1829.
1829. ANON. Abbildungen zur Naturgeschichte Brasiliens, herausgegeben von Maximilian, Prinzen von Wied. Weimar, Industrie-Comptoir. Lief. xii. 28. Fol. ill. < *Oken's Isis*, Bd. xxii, 1829, pp. 74, 75.
1829. BECKLIMICHEW, A. Notice sur deux nouvelles espèces d'oiseaux du Brésil. < *Nouv. Mém. Soc. Imp. Nat. de Moscou*, i, 1829, pp. 375-390.
Not seen: title from *Roy. Soc. Cat.*
1829. FÉRUSSAC, — DE. Voyage de M. Alcide d'Orbigny dans le sud de l'Amérique méridionale. < *Féruss. Bull.*, 2^e sect., xix, 1829, pp. 212-222.
1830. [FISCHER, G.] [Note sur les Oiseaux envoyés par M. Coffrane de Bahia en Amérique.] < *Bull. Soc. Imp. Nat. Moscou*, ii, 1829, p. 10.
1830. KING, P. P. Ueber die Thiere an der Magellans-Strasse. < *Oken's Isis*, Bd. xxiii, 1830, pp. 1181-1183, 1234-1236.
Aus dem *Zool. Jour.*, 1827, pp. 422-432, and 1828, pp. 91-105. Vergl. 1827-28. KING, P. P.
1830. KING, P. P. [Characters of New Genera and Species of Birds from the Straits of Magellan.] < *P. Z. S.*, i, 1830, pp. 14-16, 29, 30.
Turdus magellanicus, *Psittacara leptorhyncha*, *Picus melanocephalus*, p. 14; *Hylactes* (n. g.) *tarnii*, *Columba fitzroyii*, *Cygnus anatoïdes*, *Anser inornatus*, *Micropterus patachonicus*, *Anas chilensis*, *A. fretensis*, p. 15; *Synallaxis anthoides*, *Dendrocolaptes albobularis*, *Trochilus fernandensis*, *T. stokesii*, *Phalacrocorax imperialis*, *P. sarmientonus*, *P. erythropus*, p. 30.
1830. MACLEAY, W. S. Bemerkungen über die vergleichende Anatomie verschiedener Vögel aus Cuba, mit Rücksicht auf ihren Platz im System. < *Oken's Isis*, Bd. xxiii, 1830, pp. 895-898.
Auszug aus den „*Trans. Linn. Soc. Lond.*“, xvi, p. 149. tb. 1-15* (†).

- 183-? D'ORBIGNY, A. Extrait de deux Lettres à M. de Férussac, de Buenos-Ayres le 30 Oct. 1828 et de Rio Negro le 18 Févr. 1829, sur l'Histoire Naturelle de ces Contrées. < *Féruss. Bull.*, xix, p. 212.
Not seen: title from Ag. & Strickl. *Bibl.*
1830. SUCH, G. Einige unbestimmte brasilische Vögel. < *Oken's Isis*, Bd. xxiii, 1830, pp. 843, 844.
Auszug aus dem *Zool. Jour.*, ii, 1825, pp. 110-117, q. v.
1830. VIGORS, N. A. Ueber einige Vögel aus Cuba. < *Oken's Isis*, Bd. xxiii, 1830, pp. 1165-1168.
Zool. Journal, No. xi, p. 432.
- 1830-33. MAXIMILIAN, PRINZ ZU WIED. Beiträge | zur | Naturgeschichte | von | Brasilien, | von | Maximilian, Prinzen zu Wied. | — | III. [IV.] Band. | Erste [Zweite] Abtheilung. [. . .] | — | Weimar, | [. . .] 1830 [-1833]. 8vo. Vol. III, Erste Abth., 1830, 2 p. ll., pp. 1-636; Zweite Abth., 1831, pp. xii, 637-1278 + 1 l., mit einer Tafel (figg. 1-7). Vol. IV, Erste Abth., 1832, 2 p. ll., pp. 1-442; Zweite Abth., 1833, pp. viii, 443-946, mit 2 Tafeln (figg. 1-10, 1-5).
The secondary title of this work is:—Verzeichniss | der | Amphibien, Säugethiere und Vögel, | welche | auf einer Reise zwischen dem 13ten und dem 23ten | Grade südlicher Breite | im östlichen Brasilien | beobachtet wurden.—As above indicated, Birds occupy the 3d and the 4th Band, each of 2 Abtheilungen; in all, 4 vols., the pagination of the two portions of each Band being continuous. Some 450 spp. or more are systematically treated, the text being chiefly descriptive, but also including general matter, and some little criticism and synonymy. The author's new species appear to have been already described in his 'Reise', or elsewhere, and many of them were figured by Temminck in the Planches Coloriées. The three copper-plates represent some anatomical subjects, bills, and feet.—Whole work, 1825-33.
1831. KING, P. P. [On the distinctive characters of several species of Birds from the Straits of Magellan.] < *Philos. Mag.*, ix, 1831, pp. 226, 227.
Synallaxis anthoides, *Dendrocolaptes albigularis*, p. 226; *Trochilus fernandensis*, *T. stokesii*, *Phalacrocorax imperialis*, *P. sarmientonus*, *P. erythrops*, p. 227. From *P. Z. S.*, Jan. 25, 1831.
1831. VIGORS, N. A. [Remarks on the exhibition of several new species of birds from the Straits of Magellan.] < *Philos. Mag.*, ix, 1831, pp. 64-66.
From *P. Z. S.*, Dec. 14, 1830. Being those collected by P. P. King, and described from his MSS.
1832. GARNOT, [P.] Ueber die Zoologie der Malwinen zwischen 52 und 53° S. B. und 56—60° W. L., östlich von Patagonien. < *Oken's Isis*, Bd. xxv, 1832, pp. 180-184.
Auszug aus *Annales des Sciences*, t. vii, 1826, p. 39. (Lesson und D'Urville, *Voy. Coquille*.)
1832. MAXIMILIAN, PRINZ ZU WIED. Beiträge zur Naturgeschichte von Brasilien von Maximilian, Prinzen zu Wied. Weimar, Ind. Compt. Bd. 3. Abth. 1. 30. 8. 636; Abth. 2. 31. 637-1278. < *Oken's Isis*, Bd. xxv, 1832, pp. 56-60.
Auszug, SS. 55 u. folg. Vögel, pp. 57-60.
1832. VIGORS, N. A. [Characters of New Species of Birds collected by Mr. Cuming in Chili and Mexico.] < *P. Z. S.*, ii, 1832, pp. 3, 4.
Capito aurifrons, *Xanthornus chrysocarpus*, *Aglaia chilensis*, p. 3; *Picus aurocapillus*, *Coccothraustes chrysopheplus*, *Ortyx spilogaster*, p. 4.
1834. GEOFFROY ST. HILAIRE, ISID., and DE BLAINVILLE, H. M. D. Rapport sur les résultats scientifiques du voyage de M. Alcide D'Orbigny dans l'Amérique du sud, pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833. < *Nouv. Ann. du Mus.*, iii, 1834, pp. 84-115.
Quant aux oiseaux . . . etc., pp. 92 et seq.
1834. GOULD, J. Sur des Oiseaux de l'Amérique Méridionale. < *L'Institut*, ii, 1834, No. 64, p. 252.
Not seen: title from Carus and Engelmann, *Bibl.*
1834. HEARNE, J. [Note on Birds of Hayti.] < *P. Z. S.*, ii, 1834, p. 25.
1834. HEARNE, J. [Letter accompanying a Present of several Living Animals from the Island of Hayti.] < *P. Z. S.*, ii, 1834, p. 110.

1834. KING, P. P. Vögel von Magellanstrasse. <Oken's *Isis*, Bd. xxvii, 1834, pp. 818, 819.

Auszug aus *Philos. Mag.*, ix, 1831, pp. 226, 227.

1834. VIGORS, N. A. Ueber Kings Vögel von der Magellanstrasse. <Oken's *Isis*, Bd. xxvii, 1834, pp. 815, 816.

Aus *Philos. Mag.*, ix, 1831, pp. 64-66.

1834-41. SWAINSON, W. Ornithological Drawings: a Selection of Birds of Brazil and Mexico. London. Pub. in seven parts, 1834-41. 8vo. 78 pll.

Not seen: others quote a literally very different title. [See beyond, ADDENDA.]

1835. HEARNE, J. [Notice of a Collection of Bird-skins, 16 spp., formed by him in Hayti.] <P. Z. S., iii, 1835, p. 105.

1835. VIGORS, N. A. [Thiere von Cuming von Vigors bestimmt.] <Oken's *Isis*, Bd. xxviii, 1835, pp. 365, 366.

Aus Chili und Mexico. Auszug aus P. Z. S., 1832, pp. 3, 4, q. v.

1835-44-47. D'ORBIGNY, A. Voyage | dans | L'Amérique Méridionale | (le Brésil, la République Orientale de l'Uruguay, la République | Argentine, la Patagonie, la République du Chili, la République de Bolivia, | la République du Pérou), | exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833, | par | Alcide d'Orbigny, | Chevalier de l'Ordre royale de la Légion d'Honneur, Officier de la Légion d'Honneur de la République | Bolivienne, Président de la Société Géologique de France et Membre de plusieurs Académies | et Sociétés savantes nationales et étrangères. | Ouvrage dédié au Roi, | et publié sous les auspices de M. le Ministre de l'Instruction publique | (commencé sous le ministère de M. Guizot). | — | Tome Quatrième. | 3.^e Partie: Oiseaux. | — | Paris, | chez P. Bertrand, éditeur, | Libraire de la Société géologique de France, | rue Saint-André-des-Arcs, 38. | Strasbourg, | chez V.^e Levrault, rue de Juifs, 33. | — | 1835-1844. Very large 4to. 3 p. ll. (titles, each backed blank), pp. i-iiij (advts.), pp. 1-395, with col'd folded map.—Also, Atlas Zoologique, being Vol. IX of the series, Oiseaux, 4to, pll. 1-6, 6 bis, 7-66 (= 67), 1847.

The above title is that of Part 3 of Vol. IV, being the Birds, separately paged from the rest of the volume, and furnished with 3 title-pages. The composition of the whole work is: Tomes I, II, and III, Partie 1, Partie Historique. Tome III, Partie 2, Géographie; Partie 3, Géologie. Tome IV, Partie 1, Homme Américain; Partie 2, Mammifères: Partie 3, OISEAUX; Tome V, Partie 1, Reptiles; Partie 2, Poissons; Partie 3, Mollusques: Partie 4, Polypiers; Partie 5, Foraminifères. Tome VI, Partie 1, Crustacés; Partie 2, Insectes. Tome VII, Parties 1 et 2, Cryptogames; Partie 3, Palmiers. Tome VIII, ATLAS Historique, Géographique, Géologique, Paléontologique et Botanique. Tome IX, ATLAS Zoologique, comprenant les Mammifères, les OISEAUX, etc.

The date of the ornithological text is 1833-44, as per title-page; that of the ornithological atlas is ostensibly 1847, but the plates are cited in the text. The Atlas Zoologique forms the IX. and last vol. of the series. It has no text except the title-page, which corresponds closely, but is not identical with that of the text above cited, the author having added more titles after his name, and another change being of course to | — | Tome Neuvième. | Atlas | Zoologique | (Mammifères, Oiseaux, Reptiles, Poissons, Mollusques, Polypiers, Foraminifères, Crustacés et Insectes.) |

The sixty-seven plates of birds of the atlas are as follows:—Pl. 1, f. 1, 2, *Carthartes urubu*, tête et œuf; f. 3, 4, *C. aura*, tête et œuf; f. 5, *Polyborus vulgaris*, œuf. Pl. 2, f. 1, 2, *Phalcobenus montanus*, ad. et jun.; f. 3, 4, œufs de *Polyborus chimango*. Pl. 3, f. 1, 2, 2 ♀, *Buteo tricolor*. Pl. 4, f. 1, *Tamniophilus* [sic] *aspersiventris*; f. 2, *T. schistaceus*. Pl. 5, f. 1, *T. fuliginosus* [by error for *schistaceus*]; f. 2, *T. aterrimus*. Pl. 6, f. 1, *T. fresnayanus*; f. 2, *Conopophaga nigro-cincta*. Pl. 6 bis, f. 1, 2, *Myothera* [sic] *analisis*; f. 2, *M. nigro-maculata*. Pl. 7, f. 1-2, *Rhinomyia lanceolata*; f. 3, 4, *Megalonix* [sic] *rufogularis*. Pl. 8, f. 1, *M. ruficeps*; f. 2, *M. albicollis*. Pl. 9, f. 1, *Turdus fuscater*; f. 2, *T. chiguanaco*. Pl. 10, f. 1, œuf de *T. rufiventris*; f. 2, 2 a, *Orpheus calandria*; f. 3, *O. thenca*. Pl. 11, f. 1, *O. dorsalis*; f. 2, *O. patagonicus*. Pl. 12, f. 1, *Donacobius albolineatus*; f. 2, *Sylvia leucoblephora*. Pl. 13, f. 1, *Hylophilus rufescens*; f. 2, *Dacnis flaviventris* [sic]. Pl. 14, f. 1, 2, *Synallaxis dorso-maculata*; f. 3, 4, *S. malinoides*. Pl. 15, f. 1, *S. torquata*; f. 2, *S. bitorquata*. Pl. 16, f. 1, *S. striaticeps*; f. 2, *S. albiceps*. Pl. 17, f. 1, *S. fuliginiceps*; f. 2, *S. humicola*. Pl. 18, f. 1, *Sylvia colorata*; f. 2, *Nemosia sordida*. Pl. 19, f. 1, *Tachyphonus versicolor*; f. 2, *T. capitatus*. Pl. 20, f. 1, 2 ♀, *T. luctuosus*. Pl. 21, f. 1, *T. flavinucha*; f. 2, 3, *Euphonia serrirostris*. Pl. 22, f. 1, *E. lanirostris*; f. 2, *E.*

1835-44-47. D'ORBIGNY, A.—Continued.

ruficeps; f. 3, œuf de *Embernagra platensis*; f. 4, œuf de *Aglaya* [sic] *episcopus*. Pl. 23, f. 1, *Tanagra montana*; f. 2, *T. cyanocephala*. Pl. 24, f. 1, *T. seraniki* [sic]; f. 2, *T. yeni*. Pl. 25, f. 1, *T. cyanicollis* [sic]; f. 2, *T. igniventris*. Pl. 26, f. 1, *Ramphocelus atro-sericeus*; f. 2, *Pyrranga albicollis*. Pl. 27, f. 1, *Embernagra torquata*; f. 2, *E. rufinucha*. Pl. 28, f. 1, *Saltator rufiventris*; f. 2, *S. sinuatus*; f. 3, œuf de *S. aurantirostris*; f. 4, œuf de *S. caeruleus*. Pl. 29, f. 1, *Phylotoma rutila*; f. 2, *P. angustirostris*. Pl. 30, f. 1, *Pipra fasciata*; f. 2, *Ampelis viridis*. Pl. 31, f. 1, *A. rubro-cristata*; f. 2, 3, 4, *Pachyrhynchus marginatus*. Pl. 32, f. 1, 2, *Tyrannus tuberculifer*; f. 3, 4, *T. rufiventris*. Pl. 33, f. 1, 2, *Todirostrum ecaudatum*; f. 3, 4, *T. margaritaceiventris* [sic]. Pl. 34, f. 1, 2, *Muscipeta cinnamomea* [= *vielloti* of the text, p. 321]; f. 3, 4, *Setophaga brunneiceps*. Pl. 35, f. 1, *S. verticalis*; f. 2, *Muscicapula striatocollis*. Pl. 36, f. 1, *Alecturus* [= *Arundinicola* of text, p. 335] *flaviventris*; f. 2, *Oulicivora* [= *Setophaga* of the text, p. 330] *budytoides*. Pl. 37, f. 1, *C. reguroides*; f. 2, *Fluvicola rufipectoralis*. Pl. 38, f. 1, *F. leucophrys*; f. 2, *F. oenanthoides*. Pl. 39, f. 1, *Muscigralla brevicauca* [sic]; f. 2, *Pepoaza variegata*; f. 3, œuf de *Tyrannus sulphuratus*; f. 4, œuf de *Pepoaza polyglotta*. Pl. 40, f. 1, *Muscisaxicola mentalis*; f. 2, *M. rufivertex*. Pl. 41, f. 1, *M. striaticeps*; f. 2, *M. maculirostris*. Pl. 42, f. 1, *Cypselus montivagus*; f. 2, *C. andecolus*; f. 3, œuf de *Caprimulgus nacunda*. Pl. 43, f. 1, *Certhilauda cunicularia*; f. 2, *C. tenuirostris*; f. 3, œuf de *Passerina flava*; f. 4, œuf de *P. nigriceps*. Pl. 44, f. 1, *Certhilauda maritima*; f. 2, *Emberiza luteocephala*; f. 3, œuf de *Tyrannus savanna* [sic]; f. 4, œuf de *Fluvicola icterophrys*. Pl. 45, f. 1, *Emberiza hypochondria*; f. 2, *E. carbonaria*; f. 3, œuf de *Muscicapula icterophrys*; f. 4, œuf de *Loxia cucullata* [sic]. Pl. 46, f. 1, *Emberiza speculifera*; f. 2, *E. fulvipes*. Pl. 47, f. 1, *Emberiza griseocristata*; f. 2, *E. atriceps*; f. 3, œuf de *L'E. matutina*; f. 4, œuf de *L'E. gubernatrix*. Pl. 48, f. 1, *Linaria analis*; f. 2, *Carduelis atratus*; f. 3, œuf de *C. tristis*; f. 4, œuf de *Icterus virens*. Pl. 49, f. 1 ♂ 2 ♀, *Pitylus viroventris*; f. 3, œuf de *Tyrannus sulphuratus*; f. 4, œuf de *Cassicus solitarius*. Pl. 50, f. 1, *Pyrrhula bicolor*; f. 2, *P. glauco-cerulea*; f. 3, œuf de *Icterus pyrrhopterus*; f. 4, œuf de *Fringilla cucullata*. Pl. 51, f. 1, *Cassicus pyraeares*; f. 2, *C. atrovirens*; f. 3, œuf de *Tyrannus melancholicus*; f. 4, œuf de *Pepoaza rixosa*. Pl. 52, f. 1, *Cassicus chrysnotus*; f. 2, 3, *Icterus macularis*; f. 4, œuf de *I. brevirostris*; f. 5, œuf de *I. flavus*. Pl. 53, f. 1, *Garrulus viridicyanus* [sic]; f. 2, *Dendrocolaptes procerus* [= *D. lafresnayanus* in text]; f. 3, œuf de *Garrulus chrysops*; f. 4, œuf de *G. cyanomelas*. Pl. 54, f. 1, *Dendrocolaptes atrirostris*; f. 2, *Anabates squamiger*; f. 3, œuf de *Tyrannus melancholicus*; f. 4, œuf de *Saltator caeruleus*. Pl. 55, f. 1, *Anumbius unirufus*; f. 2, nid de *Furnarius rufus*; f. 3, *Anabates gutturalis*. Pl. 56, f. 1, *Uppucerthia montana*; f. 2, *U. andecola*; f. 3, œuf de *Furnarius rufus*; f. 4, œuf de *Anumbius striaticeps*. Pl. 57, f. 1, *Uppucerthia vulgaris*; f. 2, *U. nigro-fumosa*; f. 3, œuf de *Fluvicola bicolor*; f. 4, œuf de *Pepoaza polyglotta*. Pl. 58, f. 1, 2, *Serrirostrum carbonarium*; f. 3, *S. sittoides*. Pl. 59, f. 1, *Controstrum cinereum*; f. 2, *Orthorhynchus smaragdincollis*. Pl. 60, f. 1, *O. pamela*; f. 2, *O. amethysticollis*. Pl. 61, f. 1, *O. estella*; f. 2, *O. adela*. Pl. 62, *Colaptes rupicola*; f. 2, *Picus cactorum*. Pl. 63, f. 1, *P. atriventris*; f. 2, *P. canicapillus*. Pl. 64, f. 1, *P. puncticeps*; f. 2, *Picumnus albosquammatus*. Pl. 65, f. 1, *P. fumigatus*; f. 2, *P. nigriceps*. Pl. 66, f. 1, *Trogon antisthanus*; f. 2, *Aulacorhynchus caeruleicinctus*.

This treatise with its many beautiful plates takes a conspicuous place among the few great works on South American ornithology, and d'Orbigny is to be named with such leaders as Azara and Molina of earlier times, Lafresnaye, Hartlaub, Tschudi, and the Prinz von Wied of his own period, and Burmeister, Pelzel, Cabanis, Schuber, Salvin, Lawrence, and others, who have subsequently made the history of South American ornithology what it is. It is a comprehensive systematic treatise on some three or four hundred species, introduced and interspersed with general considerations of the avifauna of South America and the classification and geographical distribution of the birds, treating the families, genera, and species in detail—the latter with synonymy, description, and critical and field-notes. A colored map of the comparative zones of latitude and altitude illustrates the geographical distribution of the avifauna. It is an expensive work, not generally accessible in its entirety; but the ornithological portion is found separate, with or without the atlas.

The new species discovered on this Expedition appear to have been earlier described by the author and the Baron de Lafresnaye, in Guérin-Ménéville's *Magasin de Zoologie*, or elsewhere. The following may be here new, being those for which no earlier reference is given:—*Thamnophilus schistaceus*, p. 170; *Myrmothera menetriesii*, p. 184; *Thryothorus mutilator*, p. 230; *Syntaxis maluroides*, *S. troglodytoidea*, p. 288; *S. maximiliani*, p. 247; *S. patagonica*, p. 249; genus *Anumbius*, p. 251; *Embernagra olivaceus*, p. 285; *Saltator azarae*, p. 287; *Tyrannus rufescens*, p. 308; *Todirostrum ecaudatum*, p. 316; *Muscipeta guillemini*, p. 319; *M. vielloti*, p. 321; *M. ralloides*, p. 322; genus *Muscicapula*, p. 325; *M. gainardi*, p. 326; *M. boliviana*, p. 328; genus *Arundinicola*, p. 335; genus *Suiriri* [!!!], p. 337; genus *Pepoaza*, p. 346; *P. andecola*, p. 351; *Dendrocolaptes lafresnayanus*, p. 368; *Colaptes rupicola*, p. 377; *Picus cactorum*, *P. atriventris*, p. 278; *P. canipileus*, *P. puncticeps*, p. 379; *P. fumigatus*, *P. nigriceps*, *Picumnus albosquammatus*, p. 380; *Aulacorhynchus caeruleo-cinctus*, p. 382.

1836. KITTLITZ, [F. H. v.] Ueber einige Vögel von Chili, [u. s. w.] <Oken's Isis, Bd. xxix, 1836, pp. 347-351.

Auszüge aus *Mém. Acad. Imp. des Sciences de Pétersbourg*, tome i, 1831, p. 174.

1836. MARTIN, R. M. History of the West Indies: comprising . . . [the rest of the title differs in the two vols.] By R. Montgomery Martin, F. S. S. [Seal.] | Vol. I. [II.] | — | London: | Whittaker & Co. Ave Maria Lane. | — | MDCCCXXXVI. | 2 vols. 16mo? [half-sheets—8 ll. to a sig.]. Vol. I, pp. xxxvi, 308; Vol. II, pp. viii, 350.
Slightly ornithological in some places—as at I, pp. 83, 84; II, pp. 83-94.
1836. MORITZ, C. Notizen zur Fauna der Insel Puertorico. <Arch. f. Naturg., ii, (1), 1836, pp. 373-392.
Ornithologisch *passim*.
1836. TAYLOR, R. C. Notes on Natural Objects observed while staying in Cuba. <London's Mag. Nat. Hist., ix, 1836, pp. 449-457.
Narrative, partly ornithological.
1837. BONAPARTE, C. L. [Notices and Descriptions of new or interesting Birds from Mexico and South America.] <P. Z. S., v, 1837, pp. 108-122.
I, on birds from Mexico, 35 spp.; II, from Guatemala, 39 spp.; III, from Brazil near Peru, 20 spp.—*Centurus subelegans*, p. 109; *Icterus parisorum*, p. 110; *Cardinalis sinuatus*, p. 111; *Tyrannus divaricata*, *Pipra elegantissima*, p. 112; *P. linearis*, p. 113; *Centurus Santa Cruzei*, p. 116; *Euphonia hirundinacea*, *Arremon giganteus*, *Icteria velasquezii*, p. 117; *Sylvicola decurtata*, *Turdus grayi*, p. 118; *Scolopacims* (g. n.) *rufiventris*, p. 119; *Micropogon flavicollis*, *Aethurus rufiventris*, *Guiraca magnirostris*, *Spiza versicolor*, p. 120; *Tanagra darwini*, *Aglaia nigrocineta*, *Rhamphocelus icteronotus*, p. 121; *Agalaia schrankii*, *Pipra scrutata*, p. 122, spp. nn.
1837. BREDOW, — v. Auszüge aus den Schreiben des reisenden Naturforschers C. Moritz in Süd-Amerika. <Arch. f. Naturg., 1837, (1), pp. 408-414.
Ornithologisch *passim*.
1837. GOULD, J. [Characters of three New Neotropical Birds.] <P. Z. S., v, 1837, pp. 79, 80.
Corvus nobilis, *Ortyx guttata*, p. 79; *Thamnophilus fuliginosus*, p. 80.
1837. L'HERMINIER, DR. — Anatomie verschiedener Vögel aus Südamerika. <Oken's Isis, Bd. xxx, 1837, pp. 847, 848.
Auszüge aus der Zeitschrift: *L'Institut*, 1837, Nr. 220.
1837. LESSON, R. P. Neue Vögel. <Oken's Isis, Bd. xxx, 1837, pp. 714, 715.
Auszüge aus der Zeitschrift: *L'Institut*, ii, 1834, 316. 10 Arten: *Megalonyx medius*, *Phytotoma molinae*, *Pyrgita peruviansis*, p. 714; *Pithylus* [sic] *olivaceus*, *P. luteus*, *Dolichonyx griseus*, *Fringilla erythrorhyncha*, *Ada commersonii*, *Vermivora elegans*, *Troglodytes hornensis*, p. 715.
1837. D'ORBIGNY, A. Mémoire sur la distribution géographique des Oiseaux Passereaux, dans l'Amérique méridionale. <Compt. Rend. de l'Acad. Sci., v, 1837, pp. 496-498.
Division des régions de l'Amérique méridionale en trois zones suivant leur distance à l'équateur.—Considération des espèces sous le rapport de la température des lieux qu'elles habitent.
1837. D'ORBIGNY, A. Observations on the Raptores of South America. <Mag. of Zool. and Bot., i, 1837, pp. 347-359.
Trans. from *Voy. Amér. Mrid.* Of very general character, but with special reference to their distribution in zones of latitude and to their habits.
1837. ——— Beyträge zur Naturgeschichte von Brasilien von Maximilian, Prinzen zu Wied. Weimar, Indust. Compt. iv. 1. 32. 8. 442. <Oken's Isis, Bd. xxx, 1837, pp. 97, 98.
1837. ——— Beyträge zur Naturgeschichte von Brasilien von Max. Prinzen zu Wied. Weimar. Industrie Comptoir. vi. 2. 1833. 8. 443-446. 2 Tafeln. <Oken's Isis, Bd. xxx, 1837, pp. 177-179.
- 1837-38. D'ORBIGNY, A., and LAFRESNAYE, F. DE. Synopsis Avium in itinere per Americam meridionalem collectarum. <Magas. de Zool., vii, 1837, pp. — — —; viii, 1838, pp. — — —. [88+34 pp.. with pll.]
Not seen: defective title from Giebel.
1838. BONAPARTE, C. L. Catalogo di Uccelli Messicani e Peruviani. <Nuovi Ann. Sci. Nat. Bologna, ii, 1838, pp. 340-348, 401-416.
This paper appears to be very similar to, if not a mere version of, that in *P. Z. S.*, 1837, q. v.

1838. LAFRESNAYE, [F.] DE, and D'ORBIGNY, [A.] Notice sur quelques oiseaux de Carthagène et de la partie du Mexique la plus voisine, rapportés par M. Ferdinand de Candé, officier de la Marine royale. < *Rev. Zool.*, i, 1838, pp. 164-166. 17 espèces.—*Embernagra albinucha*, *Pipra pareolides*, *Synnalaxis* [sic] *candei*, p. 165; *Tamania gularis*, p. 166, spp. nn.
1838. D'ORBIGNY, A. Rapport sur un Mémoire de M. Alcide D'Orbigny, intitulé: Sur la distribution géographique des oiseaux passereaux dans l'Amérique méridionale. < *Compt. Rend. de l'Acad. Sci.*, vi, 1838, pp. 190-194.
1839. GOULD, J. [*Polyborus gallapagoensis* von Darwin, u. s. w.] < *Oken's Isis*, Bd. xxxii, 1839, pp. 139, 140.
P. Z. S. London, 1837.
1839. LAFRESNAYE, F. DE. Quelques oiseaux nouveaux de la collection de M. Charles Brelay, à Bordeaux. < *Rev. Zool.*, ii, 1839, pp. 97-100.
Pyrrhula sanguinolenta, *Embernagra brunnei-nucha*, *E. pyrgitoides*, p. 97; *Pachyrhynchus aglaia*, *Myadestes* [sic] *obscurus*, p. 98; *Thriothorus guttulatus*, *Pyrrhula cinnamomea*, p. 99; *Dendrocolaptes affinis*, *Uncirostrum brelayi*, p. 100. Toutes les espèces sont du Mexique.
1839. D'ORBIGNY, A. Histoire | Physique, Politique et Naturelle | de | L'Ile De Cuba | par M. Ramon de la Sagra, Directeur du Jardin Botanique de la Havane, | Correspondant de l'Institut Royal de France, etc. | — | > Ornithologie, | par Alcide D'Orbigny. | [Dessin.] | Paris, | Arthur Bertrand, éditeur, | Libraire de la Société de Géographie | et de la Société Royale des Antiquaires du Nord, | Rue Hautfeuille, 23. | — | 1839. 8vo, paper, forming part (with the mammals) of one vol. of the series, separately paged, pp. xxxi, 336. Folio atlas of pll. i-xix, xix bis, xx-xxi.
A standard work, to be used in connection with Vigor's earlier and Gundlach's and others' later treatises on the same subject. The Introduction, pp. vii-xxxi, is a résumé, from which it appears there were known 129 Cuban spp., of 33 families—14 South American, 49 North American, 26 American, 8 Arctogæan, 5 Neotropico-Arctogæan, and 27 Cuban and Antillian. The main text treats of those species seriatim, systematically, and is synonymatic, descriptive, and general. French, Latin, and Spanish indexes follow. The plates are published separately; they are as follows:—Pl. 1, *Falco sparveroides*. 2, *Otus signatus* D'Orb. 3, *Noctua sijou* O'Orb. 4, *Turdus rubripes*. 5, *Turdus minor*. 6, *Sciurus* [sic] *sulfurascens*. 7, *Turdus carolinensis*. 8, *Sylvia palmarum*. 9, *Sylvia caeruleascens*. 10, *Sylvia maritima*. 11, *Tanagra zena*. 12, *Tyrannus caudifasciatus* D'Orb. 13, *Tyrannus magnirostris* D'Orb. 14, *Tyrannus matutinus*. 15, *Passerina olivacea*. 16, *Linaria caniceps* D'Orb. 17, *Pyrrhula nigra*. 18, *Quiscalus barytus*. 19, *Q. atrovirens* D'Orb. 19 bis, *Xanthornus dominicensis*. 20, *Icterus humeralis*. 21, f. 1, *Orthorhynchus colubris*; f. 2, *O. ricordi*. 22, *Todus multicolor*. 23, *Colaptes superciliosus*. 24, *Colaptes fernandinae*. 25, f. 1, *Saurothera merlini* D'Orb.; f. 2, 3, *Crotophaga ani*. 26, *Trogon temnurus*. 27, *Columba portoricensis*. 28, *C. inornata*. 29, *Phænicopterus americanus*. 30, *Aiz sponsa*. 31, f. 1, *Totanus flavipes*, egg; f. 2, *Parra jacana*, egg; f. 3, *Aramus guarana*; f. 5, *Rallus longirostris* (head).
1839. D'ORBIGNY, A. Naturhistorische Schilderung des nördlichen Patagonien. < *Arch. f. Naturg.*, 1839, (1), pp. 47-61.
Aus dessen *Voy. dans l'Amér. Mérid.* Grössten Theils ornithologischen Inhalts.
1839. D'ORBIGNY, A. Ueber die geographische Verbreitung und die Lebensweise der südamerikanischen Singvögel. < *Arch. f. Naturg.*, 1839, (1) pp. 235-251.
Mitgetheilt aus dessen *Reise*, SS. 141-158.
1839. D'ORBIGNY, A. Voyage dans l'Amérique méridionale, par A. D'Orbigny. Paris, Levrault, I. 1834. 672. II. 1836. 4. < *Oken's Isis*, Bd. xxxii, 1839, pp. 406-435.
Verzeichniss der Vögel, pp. 408, 410, 411. Auszüge, pp. 414-435.
1839. VIGORS, N. A. [Observations upon a Collection of Birds from the West Coast of South America.] < *P. Z. S.*, vii, 1839, p. 115.
1840. BOISSONNEAU, [A.] Oiseaux nouveaux ou peu connus de Santa-Fé de Bogota. < *Rev. Zool.*, iii, 1840, pp. 2-8.
Ampelis nattererii, p. 2; *A. rufoeristata*, *A. riefferii*, *Tanagra constantii*, p. 3; *T. vassorii*, *T. riefferii*, *Uncirostrum La Fresnayii*, p. 4; *U. d'Orbignyi*, p. 5; *Ornismia* [sic] *bonarpartei* [sic], *O. torquata*, *O. paradisæa*, p. 6; *O. guerinii*, p. 7; *Trochilus La Fresnayi*, p. 8.

1840. BOISSONNEAU, [A.] Oiseaux nouveaux de Santa-Fé de Bogota. < *Rev. Zool.*, iii, 1840, pp. 66-71.

Tanagra eximia, p. 66; *T. tæniata*, *T. labradorides*, *T. assimilis*, p. 67; *T. albifrenatus*, *T. pallidinucha*, p. 68; *T. schistaceus*, *T. semirufus*, p. 69; *Pteroglossus aditivitta*, *Quiscalus subalaris*, *Setophaga ornata*, p. 70; *Tyrannula fumigata*, p. 71.

1840. BONAPARTE, C. L. Catalogue d'Oiseaux du Mexique et du Pérou. < *Rev. Zool.*, iii, 1840, pp. 19, 20.

This is not the article itself, but merely an editorial notice of Bp.'s new genus *Scolopacinus*. See *P. Z. S.* 1837.

1840. FRASER, L. [On some New Species of Birds from Bogota in the Collection of the Earl of Derby.] < *P. Z. S.*, viii, 1840, pp. 59, 60.

Turdus gigas, *Psittacus chalcopiterus*, p. 59; *Picus elegans*, p. 60.

1840. LAFRESNAYE, [F.] DE. Oiseaux nouveaux de Santa-Fé de Bogota. < *Rev. Zool.*, iii, 1840, pp. 101-106.

Uncirostrum cyaneum, *Conirostrum sitticolor*, p. 102; *Merulaxis senilis*, *M. griseicollis*, *M. squamiger*, p. 103; *M. analis*, *Anabates Boissonneautii*, p. 104; *Limnornis unirufus*, *L. canifrons*, p. 105.

1840. LAFRESNAYE, F. DE. Nouvelles espèces d'oiseaux tuées et rapportées par M. Léclancher, chirurgien de la marine, embarqué sur la Vénus, dans son dernier voyage de circumnavigation. < *Rev. Zool.*, iii, 1840, pp. 259-261.

Turdus rufopalliatu, p. 259; *Passerina leclancheri*, p. 260, spp. nn.

1840. LESSON, R. P. Oiseaux nouveaux. < *Rev. Zool.*, iii, 1840, p. 1.

Melias corallirhynchus, *Ramphocelus affinis*.

1840. SCHOMBURGK, R. H. A Description [of] British Guiana, [Geographical and Statistical: exhibiting] its resources and capabilities, [together with] the present and future condition and prospects [of the colony. By] Robert H. Schomburgk, Esq. [London: Simpkin, Marshall, and Co., Stationers' Hall Court.] 1840. 1 vol. 8vo. 2 p. ll., map, pp. 155.

In this little tract (by no means to be taken for Schomburgk's great work on Guiana) there occurs, under head of "Animal Kingdom", some remarks on birds, pp. 37, 38.

1841. BRIDGES, T. [Notes on various Birds (19 spp.) and Mammals from Chile.] < *P. Z. S.*, ix, 1841, pp. 93-95.

1841. GOULD, J. 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. 4to. 4 p. ll., pp. ii, 156, 4 ll., pll. col'd 50.

The technical matter of the work was prepared by Gould, with assistance from G. R. Gray; but the general text is Darwin's. Most of the new species collected on the voyage appear to have been before described. The following names occur without citation of previous authority, most of which, doubtless, if not all, are new:—*Crazirex*, p. 22; *Stris punctatissima* (Gray), p. 34; *Progne modesta*, p. 39; *Hirundo frontalis*, p. 40; *Pyrocephalus*, p. 44; *P. parvirostris*, p. 44; *P. obscurus*, *P. nanus*, p. 45; *P. dubius*, p. 46; *Myiobius* (Gray), p. 46; *M. auriceps*, p. 47; *M. magnirostris*, *M. parvirostris*, p. 48; *Serpophaga*, *S. albocoronata*, p. 49; *Pachyrhampus* (Gray), *P. albesens*, p. 50; *P. minimus*, p. 51; *Lichenops erythropterus*, p. 52; *Fluricola azara*, p. 53; *Agriornis*, *A. striatus*, p. 56; *A. micropterus*, p. 57; *Opetiorhynchus lanceolatus*, p. 68; *Eremobius*, *E. phœnicurus*, p. 69; *Syndalaxis major*, p. 76; *S. rufogularis*, p. 77; *S. flavigularis*, *S. brunnea*, p. 78; *Limnornis*, *L. rectirostris*, p. 80; *L. curvirostris*, p. 81; *Dendrodrampus*, *D. leucosternus*, p. 82; *Muscisaxicola brunnea*, p. 84; *Sylvicola aureola*, p. 86; *Pyrrhalouda nigriceps*, p. 87; *Spermophila nigrogularis*, *Crithagra?* *brevirostris*, p. 88; *Ammodramus longicaudatus*, p. 90; *A. xanthornus*, p. 90; *Zonotrichia canicapilla*, p. 91; *Z. strigiceps*, p. 92; *Fringilla formosa*, p. 93; *Chlorospiza?* *xanthogramma* (Gray), p. 96; *Emberozoides poliocephala* (Gray), p. 98; *Geospiza magnirostris*, *G. strenua*, p. 100; *G. fortis*, *G. nebulosa*, *G. fuliginosa*, p. 101; *G. denirostris*, *G. parvula*, p. 102; *G. dubia*, *Camarhynchus psittaculus*, *C. crassirostris*, p. 103; *Cactornis scandens*, p. 104; *C. assimilis*, p. 105; *Certhidea olivacea*, p. 106; *Zenaida galapagensis*, p. 115; *Squatrola fusca*, p. 126; *Totanus fuliginosus*, p. 130; *Porphyrio simplex*, p. 133; *Larus fuliginosus*, p. 141. (*Incudodus* and *Rhinocrypta* are proposed, apparently newly, by Gray, on one of the unpag'd leaves.) Most of the birds of the volume are South American. An appendix, by T. C. Eyton, gives some anatomical details respecting 12 spp. The plates are as follows:—

1841. GOULD, J.—Continued.

Pl. 1, *Milvago albogularis*; 2, *Craxirex galapagoensis*; 3, *Otus galapagoensis*; 4, *Strix punctatissima*; 5, *Progne modesta*; 6, *Pyrocephalus parvirostris*; 7, *P. nanus*; 8, *Tyrannula magnirostris*; 9, *Lichenops erythropterus*; 10, *Fluvicola azaræ*; 11, *Xolmis variegata* (marked *Taenioptera* v.); 12, *Agriornis micropterus*; 13, *A. leucurus*; 14, *Pachyrhamphus albescentis*; 15, *P. minimus*; 16, *Mimus trifasciatus*; 17, *M. melanotis*; 18, *M. parvulus*; 19, *Tupaccerthia dumetoria*; 20, *Opetiorhynchus nigrofremosus* (marked *O. lanceolatus*); 21, *Eremobius phœnicurus*; 22, *Anumbius acuticaudus* (marked *Synallaxis major*); 23, *Synallaxis rufogularis*; 24, *S. flavogularis*; 25, *Limnornis curvirostris*; 26, *L. rectirostris*; 27, *Dendrodrumys leucosternus*; 28, *Sylvicola aureola*; 29, *Anmodramus longicaudatus*; 30, *A. manimbe* (marked *A. xanthornus*); 31, *Passer jaguensis*; 32, *Chlorospiza melanodora*; 33, *C. xanthogramma*; 34, *Agelaius striata* (marked *Tanager darwini*); 35, *Pipilo personata*; 36, *Geospiza magnirostris*; 37, *G. strenua*; 38, *G. fortis*; 39, *G. parvula*; 40, *Camarhynchus psittaculus*; 41, *C. crassirostris*; 42, *Cactornis scandens*; 43, *C. assimilis*; 44, *Certhidea olivacea*; 45, *Xanthornus flaviceps*; 46, *Zenaida galapagoensis*; 47, *Rhea darwini*; 48, *Zapornia notata*; 49, *Z. spilonota*; 50, *Anser melanopterus*.

1841. HILL, R. [Letter relating to the Nests of Birds of Jamaica.] < *P. Z. S.*, ix, 1841, pp. 69, 70.

1842. HILL, R. [On the Nests of Jamaican Birds.] < *Ann. Mag. Nat. Hist.*, ix, 1842, pp. 145–147.

From *P. Z. S.*, Sept. 14, 1841, pp. 69, 70.

1842. LAFRESNAYE, [F.] DE. Description de quelques oiseaux nouveaux de Colombie. < *Rev. Zool.*, v, 1842, pp. 301, 302.

Catamblyrhynchus (g. n.) *diadema*, *Conirostrum albifrons*, p. 301; *C. coerulescens*, p. 302.

1842. LAFRESNAYE, [F.] DE. Oiseaux nouveaux de Colombie. < *Rev. Zool.*, v, 1842, pp. 332–336.

Grallaria ruficapilla, p. 333; *G. nana*, p. 334; *Copurus leuconotus*, *Arremon atripileus*, p. 335; *Tachyphonus victorinæ*, p. 336. Coup-d'œil sur 9 esp. de *Grallaria*.

1842. LESSON, R. P. Notes sur les Oiseaux nouveaux ou peu connus rapportés de la Mer du Sud, par M. Adolphe Lesson. < *Rev. Zool.*, v, 1842, pp. 135, 136.

Megalonyx nanus, *Parra cordifera*, *Arara erythrofrons*, *Psittacus aurocapillatus*, *P. chrysopogon*, *P. eburnirostrum*, p. 135; *Trogon capistratum*, p. 136, spp. nn.

1842. LESSON, R. P. Species avium novæ aut minùs cognitæ: auctore R. P. Lesson, in itinere A. Lessonio collectæ. < *Rev. Zool.*, v, 1842, pp. 174, 175.

Crypticus apiaster, *Momotus Lessonii*, *Penelope albiventer*, *Pipra fastuosa*, *Picolaptes capistrata*, *Pitylus lazulus*, p. 174; *Tanager diaconus*, *T. affinis*, *Ornismya cinnamomea*, *Ortyx leucopogon*, p. 175.

1843. CABOT, S., JR. [Corvus vociferus, p. 155; Oriolus musicus, p. 155; Momotus yucatacensis, p. 156, spp. nn. from Yucatan.] < *Proc. Bost. Soc. Nat. Hist.*, i, 1843, pp. 155, 156.

1843. FRASER, L. [On the Collection of South American Birds brought to England by Mr. Bridges.] < *P. Z. S.*, xi, 1843, pp. 108–121.

Numerous species fully annotated by the collector, constituting an approximate list of Chilean birds.

1843. HARTLAUB, G. Description de quatre espèces d'oiseaux de la Nouvelle-Grenade. < *Rev. Zool.*, vi, 1843, pp. 289, 290.

Vireo versicolor, *Myiobius diadema*, *M. pyrrhopterus*, *Todirostrum granadense*, p. 289.

1843. LAFRESNAYE, F. DE. Quelques oiseaux nouveaux ou peu connus de Colombie. < *Rev. Zool.*, vi, 1843, pp. 68–70.

Ampelis aureopectus, p. 68; *Tanager olivocyanæa*, *T. argentea*, *T. nigroviridis*, p. 69, spp. nn.

1843. LAFRESNAYE, F. de. Description de deux Oiseaux de Colombie. < *Rev. Zool.*, vi, 1843, pp. 131–133.

Merulaxis orthomyx, p. 131; *Tanager alboeristatus*, p. 132.

1843. LAFRESNAYE, F. de. Oiseaux nouveaux de Colombie. < *Rev. Zool.*, vi, 1843, pp. 290, 292.

Tanager atricapilla, *T. aurulenta*, *Cassicus uropygialis*, *Synallaxis* [sic] *striaticollis*, *S. univiridis*, *S. fuliginosus*, *S. brachyurus*, *S. gularis*, p. 290; *S. cinnamomeus*, *Muscivora cinnamomeiventris*, *M. fuscocapilla*, *M. ruficeps*, *Pachyrhynchus squamatus*, *Fringilla analis*, *Spermophila luctuosa*, *S. olivaceoflava*, *Querula fuscocinerea*, p. 291; *Carduelis colombianus*, *Setophaga nigrocincta*, p. 292.

1843. TSCHUDI, J. J. v. Diagnosen einiger neuer peruanischer Vögel. <Arch. f. Naturg., 1843, (1), pp. 385-390.
Ampelis elegans, *A. cincta*, *Columba gracilis*, *C. meloda*, p. 385; *C. frenata*, *Penelope ruiventris*, *P. adersa*, p. 386; *Thinocorus ingae*, *Crypturus kleei*, *Odontophorus speciosus*, *Oedememus superciliaris*, p. 387; *Charadrius winterfeldtii*, *C. resplendens*, *Orex facialis*, *C. femoralis*, p. 388; *Larus modestus*, *Fulica ardesiaca*, *Sterna acutirostris*, *S. exilis*, p. 389; *Dysporus variegatus*, *Anser montana*, *Anas leucogenis*, p. 390, 22 spp.; die ausführlichen Beschreibungen und Abbildungen dieser Vögel in dem ornithologischen Theile, Fauna Peruana.
1844. ABBOTT, S. L. [Remarks on Exhibition of some Birds from Surinam.] <Proc. Bost. Soc. Nat. Hist., i, 1844, p. 171.
1844. CABOT, S., JR. Descriptions and Habits of Some of the Birds of Yucatan. <Journ. Bost. Soc. Nat. Hist., iv, pt. iv, 1844, pp. 460-467. (Read Nov. 1, 1843.)
Ortyx nigroregularis Gould. *Falco percontator*, p. 462; *Corvus vociferus*, p. 464; *Oriolus nasicus*, p. 465; *Momotus yucatacensis* [sic], p. 466, spp. nn.
1844. HARTLAUB, [G.] Description de sept Oiseaux nouveaux de Guatemala. <Rev. Zool., vii, 1844, pp. 214-216.
Picus guatemalensis, *Turdus* (*Merula*) *rustorques*, *Tyrannus* (*Mitruleus*) *monachus*, p. 214; *Conirostrum superciliosum*, *Garrulus* (*Cyanocorax*) *melanocyaneus*, *Geococcyx affinis*, p. 215; suivie de la synonymie de *G. viaticus*.
1844. HILL, R. [Letter accompanied by a donation of two Birds' Skins from Jamaica.] <P. Z. S., xii, 1844, p. 1.
1844. LAFRESNAYE, [F.] DE. Observations ornithologiques [sur divers Oiseaux de la Nouvelle-Grenade]. <Rev. Zool., vii, 1844, pp. 78-80.
Muscicapa fusco-capilla Lafr. = *Myiobus diademata* Hartl., *Myiobus pyrrhopterus* Hartl. = *Muscipeta cinnamomea* d'Orb. et Lafres., *Setophaga nigrocincta* Lafr. = *S. canadensis* auct.
1844. LAFRESNAYE, [F.] DE. Nouvelles espèces d'oiseaux de Colombie. <Rev. Zool., vii, 1844, pp. 80-83.
Dendrocolaptes perrotii, *Tyrannula ardosiaea*, p. 80; *Hylophilus leucophrys*, *Chaetura brunctorques*, *Setophaga flaveola*, p. 81; *Thamnophilus albicans*, *T. multistriatus*, *T. brevirostris*, p. 82; *T. shistaceus* [sic], *T. aspersiventer*, p. 83.
1844. LAFRESNAYE, F. DE. Description de quelques Oiseaux de la Guadeloupe. <Rev. Zool., vii, 1844, pp. 167-169.
Saltator guadelupensis, *Turdus montanus*, *T. L'Herminieri*, p. 167; avec des détails sur la *Procellaria diabolica* L'Herm.
1844. LESSON, R. P. Oiseaux nouveaux. <Rev. Zool., vii, 1844, pp. 433-437.
Picolaptes cinnamomeus, *Ornismya feliciana*, p. 433; *Troglodytes murinus*, p. 434; *Arremon abeillei*, *Tiaris oruentus*, p. 435; *Pendulinus californicus*, p. 436.
1844. TSCHUDI, J. J. VON. Avium conspectus quae in Republica Peruana reperiuntur et pleraeq. observatae vel collectae sunt in itinere a Dr. I. I. de Tschudi. <Arch. f. Naturg., 1844, (1), pp. 262-317.
Spp. 357 enumeratio, descriptionibus specierum et generum quorundam novorum, necnon synonymis multis, adjectis: genera nova proposita sunt a Cabanis, qui ad constituendam hanc enumerationem observationes varias communicavit.—*Polyborus taeniurus*, *Hypomorphnus*, p. 263; *Circus solitarius*, p. 264; *Olimacocercus*, p. 265; *Circus poliopterus*, *Nocua melanota*, p. 266; *Caprimulgus ocellatus*, *C. decussatus*, *C. pruinosus* (Licht., Mus. Berol.), p. 268; *C. climacocercus*, p. 269; *Ampelis rufaxilla*, *Ptilogonyx leucotis*, *P. griseiventer*, p. 270; *Pipra chloromeros*, *P. coerulescapilla*, p. 271; *Scaphorhynchus chrysocephalus*, *Tyrannus cinchoneti* (Licht., M. B.), *Myiarchus*, p. 272; *M. atropurpureus* (Licht., Mus. Ber.), *Euscarthmus pileatus*, *E. rufipes*, p. 273; *Elaenia modesta*, *E. brevirostris*, *E. viridiflora*, p. 274; *Mionectes*, *M. poliocephalus*, *Leptopogon*, *L. superciliaris*, p. 275; *L. cinereus*, *Setophaga melanocephala*, *S. chrysogaster*, *Ptyonura albigularis*, p. 276; *Ochthites*, p. 277; *Thamnophilus luctuosus*, *T. olivaceus*, *T. axillaris*, *Pithys leucophrys*, p. 278; *Corythopsis torquata*, *Cinclus leucocephalus*, *Chamaea olivacea*, p. 279; *Turdus serranus*, *Mimus longicaudatus*, p. 280; *Cillurus*, *C. palliatus*, *Pteroptochus femoralis*, p. 281; *P. acutirostris*, *Cyphorhinus*, *C. thoracicus*, *Troglodytes audax*, *T. leucophrys*, p. 282; *Myiodiodes coronatus*, *M. tristriatus*, p. 283; *Hylophilus frontalis*, *H. olivaceus*, *Procnopis*, p. 285; *P. atrocoerulea*, *P. argentea*, *Callospiza pulchra*, *C. xanthocephala*, p. 285; *C. calliparaea* (Licht., Mus. Berol.), *Tanagra frugilegus*, p. 286; *T. analis*, *Phaenisoema ardens*, p. 287; *Saltator elegans*, p. 288; *Arremon frontalis*, *Phrygilus*, p. 289; *P. plebejus*, *P. rusticus* (Licht., M. B.), *Sporophila*, *S. luctuosa* (Licht., M. B.), p. 291; *Diglossa melanops*, *Anabates auritus* (Licht., M. B.), p. 294; *A. montanus*, *A. ochroleucus*, *A. melanorhynchus*, *Dendrocolaptes chunchotambo*, p. 295; *D. validus*, *Trochilus apicalis* (L., M. B.), p. 296; *T. phoeo-*

1844. TSCHUDI, J. J. VON.—Continued.
pygus (L., M. B.), *T. leucogaster*, p. 297; *T. opacus* (L., M. B.), *T. insectivorus*, *T. otero*, p. 298; *Trogon heliothrix*, *Lyppornia ruficapilla*, p. 300; *Capito glaucogularis*, p. 301; *Picus haematogaster*, p. 302; *Psittacus mercenarius*, p. 303; *P. tumultuosus*, *Conurus mitratus*, *O. rupicola*, *C. sitophagus*, p. 304; *Columba melancholica*, *Odontophorus pachyrhynchus*, p. 306; *Crypturus atrocapillus*, p. 307; *Larus serranus*, p. 314; *Anas puna* (Licht., M. B.), p. 315, genn. et spp. nn.
1845. CABOT, S., JR. Further accounts of some of the Birds of Yucatan. < *Journ. Bost. Soc. Nat. Hist.*, v, pt. i, 1845, pp. 90-93, pl. xii. (Read Jan. 3, 1844.)
Pyrrhula raptor, p. 90, pl. xii; *Picus dubius*, p. 91; *Picus parvus*, *P. yucatanensis*, p. 92, spp. nn.
1845. CABOT, S., JR. [On *Himantopus nigrocollis* and *Anhinga carolinensis* from Surinam.] < *Proc. Bost. Soc. Nat. Hist.*, ii, 1845, p. 46.
1845. DES MURS, O. Description de quelques espèces nouvelles d'Oiseaux. < *Rev. Zool.*, viii, 1845, pp. 207-209.
Psittacus amazonicus, *Ortyx perrotiana*, *Galbalcyrrhynchus* (g. n.) *leucotis*, p. 207. Avec une note sur *Falco isidori*.
1845. FRASER, L. [On Chilian Birds.] < *Ann. Mag. Nat. Hist.*, xv, 1845, pp. 430, 431. From *P. Z. S.*, October 8, 1844.
1845. FRASER, L. [Exhibition of two Birds from Chili.] < *P. Z. S.*, xiii, 1845, p. 1.
1845. LAFRESNAYE, [F.] DE. Oiseaux nouveaux rapportés par M. Léclancher, chirurgien de l'expédition de la corvette la Favorite. < *Rev. Zool.*, viii, 1845, pp. 93, 94.
Scissirostrum (g. n.) *pagei*, p. 93; *Pericrocotus cinereus*, *Dicaeum leclancherii*, p. 94.
1845. LAFRESNAYE, F. DE. Description de quelques oiseaux nouveaux. < *Rev. Zool.*, viii, 1845, pp. 337-342.
Thriothorus fasciato-ventris, *T. rufalbus*, p. 337; *T. leucotis*, *T. maculipectus*, *T. striatulus*, p. 338; *Campylorhynchus rufinucha*, *O. brevirostris*, *O. megalopterus*, p. 339; *Thamnophilus immaculatus*, p. 340; *Myioturdus fuscater*, *Tyrannula icterophrys*, *Tyrannulus nigrocapillus*, *Hylophilus semibrunneus*, p. 341; *H. flavipes*, p. 342.
1845. TSCHUDI, J. J. V. Nachträgliche Bemerkungen zu meinem Conspectus Avium etc. [op. cit. 1844, (1), pp. 262-317]. < *Arch. f. Naturg.*, 1845, (1), pp. 360-366.
Cyclarhis ochrocephala, *C. poliocephala*, p. 362, spp. nn.
1845. ——— Histoire physique, politique et naturelle de l'Île de Cuba, par Ramon de la Sagra, Directeur du Jardin de Botanique de la Havane. Paris chez A. Bertrand. < *Oken's Isis*, Bd. xxxviii, 1845, pp. 196-218.
Vögel, pp. 200-202. Bearbeitet von A. d'Orbigny.
1845. ——— Voyage en l'Amérique meridionale, exécuté pendant 1826-1833. par Alcide d'Orbigny. Strasbourg chez Levrault. < *Oken's Isis*, Bd. xxxviii, 1845, pp. 588-600.
- 1845-46. TSCHUDI, J. J. V., and CABANIS, J. Untersuchungen | über die | Fauna Peruana | von J. J. von Tschudi, | Doctor der Philosophie, Medecin und Chirurgie, Mitglied der kaiserlich leopoldinisch-carolinischen Academie | der Naturforscher etc. etc. etc. | — | St. Gallen. | Druck und Verlag von Scheitlin und Zollikofer. | 1844-1846. 1 vol. Large 4to. > Ornithologie | bearbeitet von | Dr. J. J. von Tschudi | mit Anmerkungen | von | J. Cabanis, | Adjunkt am zoologischen Museum in Berlin. | — | 1845 und 1846. 1 p. l., pp. 1-316, pll. col'd i-xxxvi.
Contains a systematic synonymatic conspectus of Peruvian birds (cf. *Arch. f. Naturg.*, x, 1844, p. 262; xi, 1845, p. 360), followed by a general systematic account of the Peruvian avifauna, descriptive, critical, and biographical. The new species appear to have been mostly described already, as the "Conspectus" (*Arch. für Naturg.*, l. c.) is quoted in the present volume.
Turdus swainsonii Cab., p. 187; *Proenias viridis* Cab., p. 197; *Sycalis chloris* Cab., p. 216; *Conurus frontatus* Cab., p. 272, spp. nn.—Pl. I, *Hypomorphnus uncinatus* (pl. marked *Polyborus taeniurus*). II, *Circetus solitarius*. III, *Circus poliopterus*. IV, *Noctua melanonota*. V, f. 1, *Caprimulgus decussatus*; f. 2, *C. ocellatus*. VI, f. 1, *C. climacocercus*; f. 2, *C. pruinovosus*. VII, f. 1, *Ampelis rufaxilla*; f. 2, *Ptilogonyx leucotis*. VIII, f. 1, *Scaphorhynchus chrysocephalus*; f. 2, *Tyrannus cinconeti*. IX, f. 1, *Euscarthmus pileatus*; f. 2, *Elaenia viridiflava*. X, f. 1, *Mionectes poliocephalus*; f. 2, *Leptopogon superciliaris*. XI, f. 1, *Thamnophilus olivaceus*;

1845-46. TSCHUDI, J. J. v., and CABANIS, J.—Continued.

f. 2, *Lithys leucophrys*. XII, f. 1, *Setophaga melanocephala*; f. 2, *Ptyonura albifrons*. XIII, f. 1, *Hylophilus frontalis*; f. 2, *Procnopis atrocoerulea*. XIV, f. 1, *Myiodiodes tristriatus*; f. 2, *Procnopis argentea*. XV, f. 1, *Cinclus leucocephalus*; f. 2, *Mimus longicaudatus*. XVI, f. 1, *Cyphorhinus thoracicus*; f. 2, *Cillurus palliatus*. XVII, f. 1, *Tanagra frugilegus*; f. 2, *Callispiza xanthocephala*. XVIII, f. 1, *Tanagra analis*, f. 2; *Oalospiza pulchra*. XIX, *Phrygilus plebeius*; f. 2, *Arremon frontalis*. XX, f. 1, *Anabates montanus*; f. 2, *A. ochrolaemus*. XXI, f. 1, *A. melanorhynchus*; f. 2, *Dendrocolaptes validus*. XXII, f. 1, *D. chunchotambo*; f. 2, *Trochilus leucogaster*. XXIII, f. 1, *T. insectivorus*; f. 2, *T. otero*. XXIV, f. 1, *Lypornia ruficapilla*; f. 2, *Capito glaucogularis*. XXV, *Picus haematogaster*. XXVI, f. 1, *Conurus rupicola*; f. 2, *C. mitratus*. XXVII, *Psittacus mercenarius*. XXVIII, *Columba frenata*. XXIX, *C. meloda*. XXX, *C. gracilis*. XXXI, *Penelope rufiventris*. XXXII, *Crypturus kleei*. XXXIII, *Odontophorus speciosus*. XXXIV, *Charadrius winterfeldtii*. XXXV, *Larus modestus*. XXXVI, *Merganetta leucogenys*.

1846. BRIDGES, T. [Letter addressed to G. R. Waterhouse, Esq., containing notices of Bolivian Mammals and Birds.] <P. Z. S., xiv, 1846, pp. 7-10.

1846. LAFRESNAYE, [F.] DE. Sur quelques nouvelles espèces d'oiseaux de Colombie. <Rev. Zool., ix, 1846 pp. 206-209.

Tachyphonus brevipes, p. 206; *Tyrannula rufipectus*, *Spermophila olivaceoflava*, p. 207; *Dendrocolaptes albolineatus*, p. 208.

1846. LAFRESNAYE, F. DE. Sur quelques oiseaux nouveaux de l'embouchure de l'Orénoque. <Rev. Zool., ix, 1846, pp. 273-277.

Nemosia nigrogenis, p. 273; *Saltator orenocensis*, p. 274; *Coracina granadensis*, *C. orenocensis*, p. 277.

1846. LAFRESNAYE, F. DE. Quelques nouvelles espèces d'oiseaux de la Jamaïque. <Rev. Zool., ix, 1846, pp. 320-322.

Tachyphonus rufogularis, *Pachyrhynchus aterrimus*, p. 320; *Piaya cinnamomeicentris*. *Pionus vinaceicollis*, *Columbigallina versicolor*, p. 321. Voir R. Z., 1847, pp. 64, 80-83.

1846. MAXIMILIAN, PRINCE DE NEUWIED. Note rectificative sur quelques oiseaux du Brésil. <Rev. Zool., ix, 1846, pp. 162-164.

1846. ——— Untersuchungen über die Fauna peruviana auf einer Reise in Peru von D. J. J. von Tschudi. St. Gallen bey Scheitlin. Lief. vi. 1846. S. 189. 244. Taf. 6. ill. <Oken's Isis, Bd. xxxix, 1846, pp. 312, 313.

1846-47. JARDINE, W. HORÆ Zoologicae:—No. VIII. Ornithology of the Island of Tobago. <Ann. Mag. Nat. Hist., xviii, 1846, pp. 114-121; xix, 1847, pp. 78-83; xx, 1847, pp. 328-334, 370-378.

Acanthylis brachyura, p. 120.

1847. BRIDGES, T. Notes in addition to former [P. Z. S. 1843, p. 108, and 1846, p. 9] Papers on South American Ornithology. <P. Z. S., xv, 1847, pp. 28-30.

Miscellaneous notes on a few species.

1847. BRIDGES, T. Notes in addition to former [P. Z. S., 1843, p. 108; 1846, p. 9] Papers on South American Ornithology. <Ann. Mag. Nat. Hist., xix, 1847, pp. 419-421.

From P. Z. S., Mar. 23, 1847, pp. 28-30.

1847. DENNY, W. A few remarks on the Geographical Distribution of Birds in the West Indies. <P. Z. S., xv, 1847, pp. 36-41.

I. 45 spp. land-birds common to Jamaica, Cuba, and United States. II. 7 spp. land-birds observed in Terra Firma, but unknown in North America. III. 60 spp. peculiar to the West Indies. With numerous water-birds of general dispersion. The list is obviously defective and very inaccurate, having no authority whatever.

1847. GARDNER, G. Notes of Birds in Brazil. <Zoologist, v, 1847, p. 1637.

1847. GAY, C. Historia | física y política | de Chile | según documentos adquiridos en esta república | durante doce años de residencia en ella | y publicada | bajo los auspicios del supremo Gobierno | por Claudio Gay | Ciudadano Chileno. | individuo de varias sociedades científicas nacionales y extranjeras. | caballero de la legión de honor. | Zoología. | — | Tomo primero. | [Blazon.] | Paris | en casa del autor. | Chile | en el Museo de Historia Natural de Santiago. | — | MDCCCXLVII | 8vo. pp. 496. > Aves, pp. 183-496. Atlas, folio.

1847. GAY, C.—Continued.

Gay was little of an ornithologist, and his work passes for no more than it is worth. The text consists of a diagnosis and description of each species and group, with a slight synonymy and miscellaneous matter, chiefly relating to habits. Birds are divided into Rapaces, Pajarillos, Trepadoras, Palomas, Gallinaceas, Zancudas, and Nadadoras. *Ulula fasciata*, p. 252; *Sylviothorhynchus* (g. n., p. 315) *desmuri*, p. 316; *Chlorospiza aldunatai*, p. 356; *Zenaida souleyetiana*, p. 380; *Peristera auriculata*, p. 381; *Nothura punctulata*, p. 391; *Squatarola urvillii*, p. 401, spp. nn. Cf. *Edinb. New Philos. Jour.*, n. s., iii, 1856, pp. 335–338.

1847. GOSSE, P. H. The | Birds of Jamaica. | By | Philip Henry Gosse; | assisted by Richard Hill, Esq., of Spanish-town. | London: | John Van Voorst, Paternoster Row. | M.DCCC.XLVII. 1 vol. 8vo. 1 p. l., pp. x, 447, and 1 l. of advts. (A separately-titled vol. of 52 colored plates attends this work. See 1849.)

Nearly 200 spp. Text almost entirely biographical and "entirely from original investigation" of the author and R. Hill, "whose notes pervade this volume". . . "An observer is hardly competent to determine what circumstance is trivial and what is important; many a recorded fact in science has lost half its value from the omission of some attendant circumstance, which the observer either did not notice, or thought irrelevant."—(Gosse, p. iv.)

The new species are:—*Ephialtes grammicus*, p. 19; *Nyctibius pallidus*, p. 49; *Tachornis phænicobia*, p. 58; *Hirundo pæciloma*, p. 64 (lege *pæciloma*); *H. euchrysea*, p. 68; *Mellisuga humilis*, p. 127; *Sylvicola eoa*, p. 158; *S. panmosa*, p. 162; *S. pharetra*, p. 163; *Myiobius pallidus*, p. 166; *M. tristis*, p. 167; *M. stolidus*, p. 168; *Spermophila anoxantha*, p. 247; *S. adoxa*, p. 253; *Pyrrhula robinsonii*, p. 259; *Geotrygon sylvatica*, p. 316; *Egretta nivea*, p. 334; *E. ruficollis*, p. 338; *Rallus concolor*, p. 369; *Anas maxima*, p. 399; *Cyanopterus inornatus*, p. 402; *Eristamora ortygoides* "Hill", p. 406.

1847. GOSSE, P. H. Extracts from the 'Birds of Jamaica, by Philip Henry Gosse.' < Zoologist, v, 1847, pp. 1808–1820.

1847. HARTLAUB, G. Systematischer Index | zu | Don Felix de Azara's | Apuntamientos para la historia natural | de los Páxaros | del | Paraguay y Río de la Plata. | — | Von | Dr. G. Hartlaub. | — | Bremen, | Druck von C. Schöne-mann. | 1847. 1 vol. sm. 4to. pp. i–vi, 1–29.

Important commentary on Azara. See 1802–05, AZARA.

1847. HARTLAUB, [G.] [Note sur quelques espèces nouvelles d'oiseaux de la Jamaïque, R. Z. 1846, pp. 320–322.] < Rev. Zool., x, 1847, p. 64.

1847. HARTLAUB, [G.] [Sur quelques oiseaux de la Jamaïque récemment décrits par M. de Lafresnaye.] < Rev. Zool., x, 1847, pp. 271, 272.

1847. LAFRESNAYE, [F.] DE. Quelques oiseaux nouveaux ou rares rapportés par M. Delattre, de Bolivie, de la Nouvelle-Grenade, et de Panama. < Rev. Zool., x, 1847, pp. 67–79.

27 esp.—*Grallaria monticola*, p. 68; *Tyrannula frontalis*, p. 70; *Tanagra palpebrosa*, *Aglaia wilsoni*, p. 71; *A. Jamny*, *Tachyphonus delattrei*, *Arremon aurantirostris*, p. 72; *Saltator striatipectus*, *S. maculipectus*, p. 73; *Coccyborus cyanoideus*, p. 74; *Linaria analoideus*, *L. inornata*, *Geositta peruviana*, p. 75; *Dendroplex picirostris*, p. 76; *Picumnus granadensis*, p. 78; *Malacoptila panamensis*, p. 79, spp. nn.

1847. LAFRESNAYE, [F.] DE. Réponse de M. de Lafresnaye aux Observations du docteur Hartlaub, du dernier numéro de la Revue Zoologique. < Rev. Zool., x, 1847, pp. 80–83.

1847. LAFRESNAYE, F. DE. Mélanges ornithologiques sur l'espèce de Ramphocèle à plumage variable, rapporté de la Nouvelle-Grenade par M. Delattre; et sur le Cassicus uropigyalis [sic]. < Rev. Zool., x, 1847, pp. 215–218.

Ramphocelus varians, sp. n., p. 210; *Cassicus uropigyalis* (sive *curvirostris*, sp. n. supp.), p. 218.

1847. LAFRESNAYE, [F.] DE. Réponse de M. de Lafresnaye à la notice de M. le Dr Hartlaub, de l'avant-dernier numéro de cette Revue. < Rev. Zool., x, 1847, pp. 350–352.

1847. SCHOMBURGK, R. H. The History of Barbadoes, . . . London. 1847. Roy. 8vo. Not seen.—Cf. *P. Z. S.*, 1871, p. 267. [See beyond, ADDENDA.]

1847. TSCHUDI, J. J. V. Animal Life in the Peruvian Forests. < Zoologist, v, 1847, pp. 1716–1728.

1847. TSCHUDI, J. J. V. Animals of the Puna of Peru. < Zoologist, v, 1847, pp. 1758–1763.

1847. TSCHUDI, J. J. v. Zoology of Valparaiso. < *Zoologist*, v, 1847, pp. 1763, 1764.
 1847. TSCHUDI, J. J. v. Zoology of Chiloe. < *Zoologist*, v, 1847, p. 1764.
 1847. TSCHUDI, J. J. v. Animals in the Bay of Callao. < *Zoologist*, v, 1847, pp. 1764-1766.

This and the four preceding papers are extracted from "Travels in Peru".

1847. YARRELL, W. Descriptions of the Eggs of some [about 30] of the Birds of Chile. < *P. Z. S.*, xv, 1847, pp. 51-55.
 1847. ——— Untersuchungen über die Fauna peruana auf einer Reise während 1838-42, von Dr. J. J. Tschudi. St. Gallen bey Scheitlin. Heft vii-xii, 1846. Kl. Folio. S. 33-316. und 80. und 35 Tafeln ill. < *Oken's Isis*, Bd. xl, 1847, pp. 703-705.

- 1847-48. HARTLAUB, G. Ueber den heutigen Zustand unserer Kenntnisse von Westindiens Ornithologie. < *Oken's Isis*, Bd. xl, 1847, pp. 604-615; Bd. xli, 1848, pp. 401-409.

An important résumé of the subject.

1848. CABANIS, J. Reisen in | Britisch-Guiana | in den Jahren 1840-1844. | Im Auftrag Sr. Majestät des Königs von Preussen | ausgeführt von | Richard Schomburgk. | — | Nebst einer Fauna und Flora Guiana's nach Vorlagen | von | Johannes Müller, Ehrenberg, Erichson, Klotzsch, Troschel, | Cabanis und andern. | — | Mit Abbildungen und einer Karte von Britisch-Guiana | aufgenommen von | Sir Robert Schomburgk. | Erster [zweiter, dritter] Theil. | — | Leipzig, | Verlagsbuchhandlung von J. J. Weber. 1847 [1848, 1848]. 3 vols. Sm. 4to, shape of a large 8vo. Vol. I, 1847, map, pp. i-viii, i-x, 1-470, maps and pll. Vol. II, 1848, pp. i-xiv, 1-530, 1 l., pll. Vol. III, 1848, with special title: Versuch | einer | Fauna und Flora | von | Britisch-Guiana. | Nach Vorlagen | von | Johannes Müller, Ehrenberg, | Erichson, | Klotzsch, Troschel, | Cabanis und andern. | Systematisch bearbeitet | von | Richard Schomburgk. | — | Leipzig, | Verlagsbuchhandlung von J. J. Weber. | 1848. pp. i-viii, 531-1260, 1 l. > Vögel, bearbeitet von J. Cabanis, pp. 662-765.

The third volume, as just indicated, has a special title, by which it is sometimes cited apart from the rest, giving the impression that it is a different work.

Schomburgk's Guiana becomes a very important work in South American ornithology, from the number of new genera and species described by Cabanis in his elaborate presentation of the subject. Various touchings of birds, by Schomburgk himself, occur through the other volumes; but Cabanis's article is the formal presentation of the ornithological affair. It is a systematic synopsis, with synonymy, description, and much critical comment by Cabanis, and miscellaneous matter by Schomburgk. According to Schomburgk's opening paragraphs:

"Meine Vögelsammlung enthält 424 Arten, also noch 6 Arten mehr, als in der Einleitung zur Fauna angegeben sind: *Oscines* 83, darunter 12 neue; *Clamatores* 93, darunter 11 neue; *Strisores* 36, darunter 3 neue; *Scansores* 77, darunter 2 neue; *Raptatores* 43, darunter 1 neue; *Gyratores* 6; *Rasores* 15, darunter 1 neue; *Grallatores* 55, darunter 1 neue; *Natatores* 16. Im Ganzen 31 neue Arten.

"Bei der systematischen Anordnung ist das neu aufgestellte System des Herrn CABANIS zu Grunde gelegt worden, was hoffentlich um so willkommener geheißen werden wird, als dies jedenfalls unter allen bisher aufgestellten, das erste ist, welches den Anforderungen, die man an ein natürliches System zu stellen berechtigt ist, wirklich entspricht."

Vergl. Ornithologische Notizen von Cabanis in: *Archiv für Naturgeschichte*, Bd. i, 1847, SS. — —; und besonders abgedruckt.

Turdus gymnophthalmus, p. 665; *T. phaeopygus*, genus *Basileuterus*, p. 666; *Setophaga castaneicapilla*, p. 667; *Euphonia minuta*, p. 671; *Troglodytes rufulus*, p. 672; *Thryothorus albigectus*, p. 673; *Diglossa major*, *Saltator olivaceus*, p. 676; *Arremon personatus*, *Coccybator ater*, p. 678; *Sporophila castaneiventris*, *Sycalis minor*, p. 679; *Molothrus atronitens*, *Lamprosar* (g. n.) *guianensis*, p. 682; *Chalcophanes minor*, ? *Cyanocorax hyacinthinus* ("Natt."), p. 683; *Conopophaga angustirostris*, p. 685; *Dasycephala uropygialis*, p. 686; *Anabates pyrrhodes*, *Premnopus* (g. n.) *undulatus*, p. 689; *Copurus poecilonotus*, p. 702; *Campylopteris hyperythrus*, p. 709; *Caprimulgus nigrescens*, p. 710; ? *Nyctibius rufus*, p. 711; *Coccygus helixiventris*, p. 714; *Peittacula modesta*, p. 727; *Buteo abbreviatus* ("Licht. Mus. Berol."), p. 739; *Trachypelmus* (g. n.) *suberistatus*, p. 749; *Crex schomburgkii* desc. orig. Theil ii, p. 245, spp. nu. Other genera of Cabanis's here new, or lately new, are *Geothlypis*, p. 666; *Phoenicosoma* (for *Phoenisoma*), *Pogonothraupis*, p. 669; *Arbelorkhina*, p. 675; *Calyptrophorus* [sic], p. 678; *Pyrrhocorax*, p. 713; *Monasta* (for *Monasa*), p. 719; *Ortygarchus*, p. 759.

1848. [CABOT, S., JR. ?] Incidents of Travel | in Yucatan. | By John L. Stephens, | Author of "Incidents of Travel in Egypt, Arabia, Petraea, and the | Holy Land," "Incidents of Travel in Central America," etc. | Illustrated by 120 engravings. | In two Volumes. | Vol. I [II]. New York: | Published by Harper & Brothers | for Henry Bill. | 1848. 2 vols. 8vo. Vol. I, pp. i-xii, 9-459, 54 engravings. Vol. II, pp. i-xvi, 9-478, 70 engravings. > Vol. II, Appendix, Memorandum for the Ornithology of Yucatan, pp. 469-476.
I find no indication of the authorship of this "Memorandum", but am under the impression that it is by Dr. Samuel Cabot, jr. It consists of a brief general essay on the subject, concluded with a list of "Birds observed in Yucatan during the winter of 1841, '2, between the months of October and June, which are also found in the United States, and have been figured and described by Wilson, Audubon, Bonaparte, and Nuttall", pp. 475, 476. Both volumes also contain cursory bird-matter by the author.
1848. CASTELNAU, [F. DE]. Considérations sur l'ornithologie de l'Amérique tropicale. <Arch. des Sc. Phys. et Nat., viii, 1848, p. 72.
Compt. Rend. du 6 Mars 1848.
1848. CASTELNAU, F. DE. Considérations générales sur l'ornithologie de l'Amérique tropicale. <Compt. Rend. de l'Acad. Sci., xxvi, 1848, pp. 306, 307.
1848. CASTELNAU, [F.] DE. Considérations générales sur l'ornithologie de l'Amérique tropicale. <Rev. Zool., xi, 1848, pp. 89, 90.
1848. DUBUS, [B.] Ueber einige neue Vögel aus Amerika. <Oken's Isis, Bd. xli, 1848, p. 959.
Bull. Acad. Bruxelles, 1848, p. 347. (I cannot get this. See next title.)
1848. LAFRESNAYE, F. DE. Description de quelques oiseaux nouveaux de Caracas (province de Venezuela) et de Bogota. <Rev. Zool., xi, 1848, pp. 2-12.
Merula olivacea, p. 2; *M. atro-sericea*, p. 3; *Turdus nudigenis*, p. 4; *T. minimus*, *Scaphorhynchus chrysocephalus*, p. 5; *Tyrannula cineracea*, p. 7; *Setophaga albidiaedema*, p. 8; *Conirostrum atro-cyanum*, p. 9; *Tachyphonus canicularis*, p. 11; *T. albitempora*, p. 12.
1848. LAFRESNAYE, F. DE. Sur le genre Psittacula et sur quelques nouvelles espèces d'oiseaux de Colombie et du Mexique. <Rev. Zool., xi, 1848, pp. 170-176.
Ps. conspiciellata, *Ps. viridissima*, p. 172; *Tachyphonus ruficeps*, p. 173; *Muscicapa vieillotoides*, p. 174; *Pipilo rufipileus*, p. 176, spp. nn.
1848. LAFRESNAYE, [F.] DE. [Reconnaissance d'une notice, extraite des bulletins de l'Académie royale de Belgique, de quinze nouvelles espèces d'oiseaux d'Amérique, décrites par M. le vicomte Dubus.] <Rev. Zool., xi, 1848, pp. 239-249.
Morphnus mexicanus, p. 239; *Icthyophaga niger*, p. 241; *Cyanocorax nanus*, *C. unicolor*, *C. violaceus*, p. 243; *Tityra albitorques*, p. 244; *Sylvia teniata*, *Pyrrhuloxia cucullata*, *Pitylus polio-gaster*, p. 245; *Pipilo torquatus*, p. 246; *Carduelis notata*, *Arremon ophthalmicus*, p. 247; *Monasa unitorques*, p. 248; *M. inornata*, *Prionites carinatus*, p. 249; en suite de chaque description des observations qu'elles lui ont suggérées.
1848. POEY, D. A. Catalogo metodico de las Aves de la isla de Cuba. <Mem. Real. Soc. Econom. de la Habana, Nov. 1848.
Not seen: title from Giebel.
1849. CORNALIA, E. Vertebratorum Synopsis in Museo Mediolanense extantium quæ per Novem Orbem Caietanum Osculati collegit annis 1846-47-48. Speciebus novis vel minus cognitis adjectis, necnon descriptionibus atque iconibus illustratis, curante. Mediolani. 1849. 4to. pp. 15, 1 pl.
Not seen.—Cf. Nuov. Ann. Sc. Nat. Bologna, 3d ser., iii, 1851, pp. 349-351.
1849. DEVILLE, E. Description de quelques Mammifères et Oiseaux nouveaux de l'Amérique méridionale. <Rev. et Mag. Zool., i, 1849, pp. 55-58.
Jacamerops isidori, *Galbula chalcocephala*, p. 55; *G. cyanescens*, *Bucco lanceolata*, *Onco-rhynchus castelneauvi*, p. 56; *Cassicus oseryi*, p. 57.
1849. GOSSE, P. H. Illustrations | of the | Birds of Jamaica. | By | Philip Henry Gosse. | — | London: | John Van Voorst, 1, Paternoster Row. | 1849. Large 8vo, 1 vol. 3 pp. text (title, advt., and contents), 52 col'd pll.
Bull. v, 2—8

1849. GOSSE, P. H.—Continued.

The plates, 52 in number, representing 51 spp., drawn and engraved by the author, printed by Reeve, Benham & Reeve, form the only published part of a series designed to illustrate all the species noticed in the *Birds of Jamaica*; their numbers are consequently, not continuous, though usually arranged consecutively. They represent, among others, Gosse's new species, and include some not in the *Birds of Jamaica*, and are as follows (references to pages being to the *Birds of Jamaica*, 1848, q. v.):—

Pl. II, *Buteo borealis*, p. 11. IV, *Ephialtes grammicus* Gosse, p. 19. VI, *Nyctibius jamaicensis*, p. 41. VII, *N. pallidus* Gosse, p. 49. VIII, *Acanthylis collaris*?, p. 51. IX, *Tachornis phœnicobia* Gosse, with nest, p. 58. X, *Cypselus niger*, p. 63. XII, *Hirundo euchrysea* Gosse, p. 68. XIV, *Todus viridis*, p. 72. XVI, *Certhiola flaveola*, p. 84. XVII, *O. maritima* [ex Wils. = *tigrina* Gm.], p. 87. XVIII, *Lampornis mango*, p. 88. XIX, *Trochilus polytmus*, ♂, and XX, the same, ♀, and nest, p. 104. XXI, *Mellisuga humilis*, ♂, ♀, nest, p. 127. XXII, *Trochilus Maria* "Hill" (*Ann. N. H.*, 1849; not in *B. Jam.*). XXIII, *Merula leucogenys*, p. 136. XXIV, *M. jamaicensis*, p. 142. XXVIII, *Seiurus noveboracensis*, p. 151. XXXII, *Sylvicola pensilis*, p. 156. XXXIV, *S. eoa* Gosse, p. 158. XXXVII, *S. pannosa* Gosse, p. 162. XXXVIII, *S. phæretta* Gosse, p. 163. XL, *Myiobius pallidus* Gosse, p. 166. XLI, *M. tristis* Gosse, p. 167. XLII, *M. stolidus* Gosse, p. 168. XLIV, *Tyrannus caudifasciatus*, p. 177. XLV, *Elania cotta* Gosse (*Ann. Nat. Hist.*, 1849; not in *B. Jam.*). LII, *Corvus jamaicensis*, p. 209. LIII, *Quiscalus crassirostris*, p. 217. LVI, *Tanagra nigrocephala*, p. 231 ("T. zena"). LVIII, *Tanagraella ruficollis*, ♂, ♀, p. 236. LIX, *Euphonia jamaica*, ♂, ♀, p. 238. LX, *Coturniculus tizicurus* Gosse, p. 242. LXI, *Crithagra brasiliensis*, p. 245. LXII, *Spermophila aozantha* Gosse, p. 247 (p. "242", err. on pl.). LXIV, *S. bicolor*, p. 252. LXV, *S. adoza* Gosse, p. 253. LXVI, *Pyrrhula violacea*, p. 254. LXVII, *P. robinsoni*, Gosse, p. 259. LXXIV, *Piaya phialis*, p. 277. LXXXIV, *Geotrygon sylvatica* Gosse, p. 316. LXXXV, *Zenaida? plumbea* Gosse, MSS., ref. to p. 324. XC, *Egretta nivea* Gosse, p. 334. XCI, *E. ruficollis* Gosse, p. 338. CII, *Rallus concolor* Gosse, p. 369. CIV, *Ortygometra minuta*, p. 372. CVIII, *Himantopus nigricollis*, p. 386. CX, *Anas maxima* Gosse, p. 399. CXI, *Cyanopterus inornatus* Gosse, p. "209". CXIII, *Erismatura ortygoides*, p. 406. CXX, *Podiceps dominicus*, p. 440.

1849. GOSSE, P. H. Descriptions of two new Birds from Jamaica. < *Ann. Mag. Nat. Hist.*, (2), iii, 1849, pp. 257–259.

Elania [sic] *cotta*, p. 257; *Trochilus maria*, p. 258.

1849. HARTLAUB, G. Description de deux nouvelles espèces d'Oiseaux de Caraccas. < *Rev. et Mag. de Zool.*, i, 1849, pp. 274, 275.

Conurus erythrochlorus, p. 274 (voir op. cit., ii, 1850, p. 158); *Icterus melanopterus*, p. 275.

1849. HARTLAUB, G. Description de deux nouvelles espèces d'Oiseaux de Venezuela. < *Rev. et Mag. de Zool.*, i, 1849, pp. 275, 276.

Ampelis formosa, p. 275; *Turdus vulpinus*, p. 276.

1849. [JARDINE, W.] Ornithology of Quito. < *Jard. Contrib. Orn.*, 1849, pp. 41–45, 66. Chiefly relating to zones of elevation. A following paper under the same title describes certain *Trochilidæ*; you will find it under head of *Trochilidæ*, in the "systematic" portion of my Bibliography, if this is ever published.1849. LAFRESNAYE, [F.] DE. Faune du Pérou, du docteur Tschudi, partie ornithologique; par M. J. Cabanis, conservateur du Muséum de Berlin. < *Rev. et Mag. de Zool.*, i, 1849, pp. 97–108, 232–247.

Critique de cet ouvrage.

1850. LEMBEYE, J. Aves | de la Isla de Cuba, | por | Juan Lembeye. | — | Habana. | Imprenta del Tiempo, | Calle de Aguiar num. 45 | — | 1850. 1 vol. 4to. pp. 136, 2 ll., pll. 20.

Text synonymatic, descriptive, and general, treating of 86 spp.; 3 others given in a Suplemento. Contains also a compiled nominal list of 222 spp. arranged after d'Orbigny.—*Vireo gundlachii*, p. 29, pl. 5, f. 1; *Muscicapa elizabeth*, p. 39, pl. 5, f. 3; *Hirundo coronata* "Mus. Berol.", p. 45; *Cypselus iradui*, p. 50, pl. 7, f. 4; *Agelaius assimilis* Gundl. MSS., p. 64; *Anabates fernandinae*, p. 66, pl. 5, f. 2; *Orthorhynchus helenæ* Gundl. MSS., p. 70, pl. 10, f. 2; *Ardea cubensis* Gundl. MSS., p. 84, pl. 13, f. 1; *A. brunescens* Gundl. MSS., p. 84, pl. 12; *Hemipalama minor* Gundl. MSS., p. 97, pl. 13, f. 1, spp. nn.

1850. MITCHELL, D. W. [Notice of Lord Harris's collection from Trinidad.] < *P. Z. S.*, xviii, 1850, pp. 99, 100.1850. STRICKLAND, H. E. [Descriptions of four species of birds from the Peruvian Andes.] < *Jard. Contrib. Orn.*, 1850, pp. 47–50.

Monasa flavirostris, p. 47; *Todirostrum chrysocrotaphum*, *Euphonia bicolor*, p. 48, spp. nn., the other being *Tachyphonus ruficenter* (Spix).

1850. WALLACE, A. R. Journey to explore the Natural History of the Amazon River. <Ann. Mag. Nat. Hist., (2), vi, 1850, pp. 494-496.
Field-notes on several birds.
1851. BONYAN, G. R. Notes on the Raptorial Birds of British Guiana. <P. Z. S., xix, 1851, pp. 53-61.
Field-observations on a large number of species, mostly given only under English names.
1851. DEVILLE, E. Note sur quatre espèces nouvelles d'oiseaux provenant de l'expédition de M. Castelnau; le *Conurus Weddellii*, C. *jugularis*, C. *Luciani* et *Cultrides Pucheranii*. <Rev. et Mag. de Zool., iii, 1851, pp. 209-213.
1851. GOSSE, P. H. A | Naturalist's Sojourn | in | Jamaica. | By | Philip Henry Gosse, A. L. S., &c. | Assisted by Richard Hill, Esq., Cor. M. Z. S. Lond., | Mem. Counc. Roy. Soc. Agric. of Jamaica. | [Quotation.] | London: | Longman, Brown, Green, and Longmans. | 1851. 1 vol. Sm. 12mo. pp. iii-xxxiv, 1-508, pll. i-viii.
Birds and flowers, pp. 166-177, in the author's well-known delightful style.
- 1851-52. GOSSE, P. H. Singing Birds and Sweet Flowers in Jamaica. <Edinb. New Philos. Journ., lii, 1852, pp. 31-33, 268-271.
Extract from "A Naturalist's Sojourn in Jamaica", p. 170.—Controverting the flippant dogma that in tropical countries, where birds and flowers are of brilliant colors, the former are songless and the latter without fragrance.
1852. ARBOLEYA, J. G. DE. Manual | de la | Isla de Cuba. | Compendio | de su Historia, Geografía, Estadística y Administración. | Su autor | D. José G. de Arboleya. | — | Con 5 planos y 30 láminas. | — | Havana: 1852. | Imprenta del Gobierno y Capitanía General por S. M. 1 vol. 18mo. pp. 1-382 + 1 l., maps, plates.
"En punto á aves tiene la Isla excelente y abundante caza. Hé aquí una lista alfabética de las principales", pp. 165-167, 2 lám.
1852. DEVILLE, E. Observations faites en Amérique sur les mœurs de différentes espèces d'Oiseaux-Mouches, suivies de quelques notes anatomiques et de mœurs sur l'Hoazin, le Caurale et le Savacou. <Rev. et Mag. de Zool., iv, 1852, pp. 208, 226, pl. 9.
Ornismyia, dix esp. *Opisthocomus* (pl. 9). *Eurypyga helias*. *Canceroma cochlearia*.
1852. GUNDLACH, J. Description of five new Species of Birds, and other Ornithological notes of Cuban Species. Read before the Boston Society of Natural History, March 3d, 1852. <Journ. Bost. Soc. Nat. Hist., vi, pt. iii, 1852, pp. 313-319.
Muscicapa sagræ, p. 313; *M. lembeyi*, p. 314; *Orpheus saturninus* Licht., *Columba caniceps*, p. 315; notes on 13 other spp.
1852. [JARDINE, W.] Ornithology of the Island of Tobago. <Jard. Contrib. Orn., 1852, pp. 63-68, 81-88.
Merely a general sketch of the subject.
1852. [JARDINE, W.] Descriptions of some [lately] New Species of Birds from the Parisian Collections. <Jard. Contrib. Orn., 1852, pp. 129-132, pll. xcvi-c.
Just before published by P. L. Selater in *Rev. et Mag. Zool.*, iv, 1852, pp. 8, 9, q. v.; descr. here quoted and figg. given. *Cotinga porphyrolæma* Deville & Sel., pl. xcvi; *Arremon mysticallis* Sel., pl. xcix; *Pipilo flavigularis* Sel., pl. xcvi; *Pipraeidea albiventris* Sel., pl. c, f. 2; *P. isidorei* Sel., pl. c, f. 1; *P. flavicapilla* Sel., pl. xcvi, f. 2; *P. pyrocephala*, pl. xcvi, f. 1.
1852. KNOX, J. P. An Historical Account of St. Thomas, W. I., with notices of St. Croix and St. John's. By John P. Knox. New York: 1852.
Not seen: said to contain (pp. 220 et seq.) a slight sketch of the ornithology of St. Thomas, largely copied from Ledru's 'Voyage'.
1852. MOSQUERA, T. C. DE. Memoria sobre la Geografía física y política de la Nueva Granada. New York. 1852. 8vo.
Not seen: title from Giebel. See the American ed., 1853.

1852. SCLATER, P. L. Ornithological Observations. IX.—On the Birds from Yucatan described by Dr. Cabot in the Journal of the Boston Natural History Society [vols. iv, v]. < *Jard. Contrib. Orn.*, 1852, p. 96.
Mr. Cassin's identifications of 9 spp., only one of which is allowed to stand.
1852. SCLATER, P. L. Description de six Oiseaux nouveaux appartenant à la collection du Muséum d'histoire naturelle de Paris. < *Rev. et Mag. de Zoologie*, iv, 1852, pp. 8, 9.
Arremon mysticallis [sic], *Pipilopsis flavigularis*, *Pipraeidea albiventris*, p. 8; *Pipra isidorei*, *P. flavicapilla*, *P. pyrocephala*, p. 9.
1852. SEEMANN, B. Notes on the Zoology of the Isthmus of Panama. < *Zoologist*, x, 1852, pp. 3313–3320.
Only a slight paragraph on birds, p. 3315.
1852. WILLIAMS, J. J. The | Isthmus | of | Tehuantepec | . . . | New York: | D. Appleton & Company, 200 Broadway. | M DCCC LII. 1 vol. 8vo. pp. 295.
Cursorial allusion to a few spp. of birds at pp. 208–210.
1853. BONYAN, G. R. Notes on the Raptorial Birds of British Guiana. < *Ann. Mag. Nat. Hist.*, (2), xi, 1853, pp. 138–146.
From *P. Z. S.*, xix, 1851, pp. 53–61.
1853. BURMEISTER, H. Ueber die Eier und Nester einiger brasilianischer Vögel. < *J. f. O.*, 1853, i, pp. 161–177.
Treats of 17 spp., exclusive of the *Trochilidae* mentioned, with extended descriptions of nests and eggs.
1853. MOSQUERA, T. C. DE. Memoir | on the | Physical and Political Geography | of | New Granada. | Dedicated to the American Geographical and Sta- | tistical Society of New York. | By General T. C. de Mosquera, | [etc., 5 lines.] | Translated from the Spanish by | Theodore Dwight. | New York: | Published by T. Dwight, 116 Broadway. | 1853. 1 vol. 8vo. pp. 105, map.
I have not seen the original, 1852. In this version, under head of "Animals", occurs a nominal (Spanish and Latin) list of a few birds, not well determined, pp. 35–37. It is of no consequence.
1853. ROSENSCHÖLD, E. M. AF. Bref från Dr E. Munck af Rosenschöld i Paraguay. < *Öfvers. Kongl. Vetensk.-Akad. Förhandl. för år 1852, 1853*, pp. 174–176.
1853. SCLATER, P. L. Description de deux nouvelles espèces d'Oiseaux. < *Rev. et Mag. de Zool.*, v, 1853, p. 480.
Dacnis pulcherrima, *Formicivora ornata*.
1853. WALLACE, A. R. A | Narrative of Travels | on the | Amazon and Rio Negro, | with an account | of the | Native Tribes, | and observations on the Climate, Geology, and Natural | History of the Amazon Valley. | By Alfred R. Wallace. | With a Map and Illustrations. | London: | Reeve and Co., Henrietta Street, Covent Garden. | 1853. 1 vol. 8vo. pp. viii, 542, with 18 pp. of advt's., map, folding table, col'd frontisp., pll. vii, and other illust.
Chap. XVI, Observations on the Zoology of the Amazon District, pp. 446–475; B. Birds, pp. 461–463: only mention of a few of the most interesting and beautiful. Cf. *Nat. Hist. Rev.*, i, 1854, pp. 117–121.
1854. ROSENSCHÖLD, E. M. AF. Bref från Paraguay. < *Öfvers. Kongl. Vetensk.-Akad. Förhandl. för år 1853, 1854*, pp. 102–114.
1854. SCLATER, P. L. On two [lately] new species of South American Birds. < *Ann. Mag. Nat. Hist.*, (2), xiv, 1854, p. 158.
Culicivora boliviana, *Pipra flavo-tincta*. From *P. Z. S.*, Feb. 24, 1852.
1854. SCLATER, P. L. List of a Collection of Birds received by Mr. Gould, from the Province of Quijos in the Republic of Ecuador. < *P. Z. S.*, lxxii, 1854, pp. 109–115, pll. (Aves) lxvi, lxvii.
69 spp., with critical annotation and synonymy and descriptions of some of them. *Galbula chalcithorax*, p. 110; *Tyrannula phainicura*, p. 113, pl. lxvi, f. 1; *Arremon spectabilis*, p. 114, pl. lxvii, spp. nn.

1854. WALLACE, A. R. Habits of Birds. <Ann. Mag. Nat. Hist., (2), xiii, 1854, pp. 74, 75.

Editorial excerpt from his 'Travels on the Amazon and Rio Negro', 1853, q. v.

- [1854-56.] DESCOURTILZ, J. T. Ornithologie Brésilienne | ou | Histoire des Oiseaux du Brésil, | remarquables par leur plumage, leur chant ou leurs habitudes. | Par le Dr. J. T. Descourtilz, | Membre de la Société Linnéenne de Paris et de la Société auxiliaire de l'industrie de Rio de Janeiro. | [Dessin.] | Rio de Janeiro: | Éditeur, Thomas Reeves. | [1854-56.] 1 vol. gr. fol. (publ. par livr. i-iv). pp. 42, pll. lithochr. 48.

Contient les descriptions et les figures de 164 espèces diverses d'oiseaux du Brésil, accompagnées de quelques courts renseignements sur leurs habitudes, etc. On cite une traduction Anglaise sous le nom de "Brazilian Ornithology, or a History of the Birds of Brazil".

1855. BERNSEÉ, F. [Extract from a letter relating to various birds of the East Falkland Island.] <Proc. Acad. Nat. Sci. Phila., vii, 1855, pp. 287, 288.

Relates to *Bernicla*, 3 spp.; *Hæmatopus*, 2 spp.; and *Chionis alba*.

1855. BOECK, E. v. Vorläufige Bemerkungen über die Ornithologie der Provinz Valdivia, in der Republik Chile. <Naumannia, 1855, pp. 494-513.

1855. CASSIN, J. The | U. S. Naval Astronomical Expedition | to | the Southern Hemisphere, | during | the years 1849-'50-'51-'52. | Lieut. J. M. Gilliss, Superintendent. | . . . | Vol. II. Washington. MDCCCLV. >Appendix F.' Birds. By John Cassin. pp. 172-206, pll. (col'd) xiv-xxviii.

Systematic account, with miscellaneous field-notes, of 119 spp. of (chiefly? entirely?) South American birds. Pl. xiv, *Falco nigriceps*; xv, *Psarocolius* [sic] *curæus*; xvi, f. 1, *Agelaius philetus*; p. 2, *Sturnella militaris*; xvii, *Chrysomitris marginalis*; xviii, f. 1, *Calliste cyanicollis*; f. 2, *C. larvata*; xix, f. 1, *C. gyroloides*; f. 2, *C. desmarestii*; xx, f. 1, *Euphonia rufiventris*; f. 2, *Chlorophonia occipitalis*; xxi, f. 1, *Ericornis melanura*; f. 2, *Scytalopus fuscus*; xxii, *Pittacus ochrocephalus*; xxiii, *Branta antarctica*; xxiv, *Bernicla magellanica*; xxv, *Anas melanoccephala*; xxvi, *Querq. creceoides*; xxvii, *Fuligula metopias*; xxviii, *Phalacrocorax brasilianus*.

1855. DES MURS, P. O. Oiseaux nouveaux ou rare recueillis dans l'Amérique du Sud, par F. de Castelnau, etc. Paris, 1855. 4to. 20 pll.

Not seen: title from a bookseller's catalogue. Compare 1856, same author.

1855. GOULD, J. Descriptions of Eight New Species of Birds from South America. <P. Z. S., xxiii, 1855, pp. 67-70, pl. (Aves) lxxxiii.

Campylorhynchus hypostictus, *Chamaea nobilis*, *Formicarius nigrifrons*, p. 68; *F. erythropterus*, *Schistochlamys speculiger*, *Thamnophilus corvinus*, *T. melanurus* (pl.), p. 69; *T. hypertythrus*, p. 70.

1855. GOULD, J. Descriptions of Eight [lately] New Species of Birds from South America. <Ann. Mag. Nat. Hist., (2), xv, 1855, pp. 343-346.

Campylorhynchus hypostictus, p. 343; *Chamaea nobilis*, *Formicarius nigrifrons*, p. 344; *F. erythropterus*, *Schistochlamys speculigera*, *Thamnophilus corvinus*, *T. melanurus*, p. 345; *T. hypertythrus*, p. 346.—From P. Z. S., 1855, pp. 67-70, pl. lxxxiii.

1855. GOULD, J. [Remarks on Exhibition of a portion of a collection of Birds formed by Mr. Hauxwell in the neighbourhood of the River Ucayali.] <P. Z. S., xxiii, 1855, pp. 77, 78.

1855. JARDINE, W. Contributions to Ornithology. I. Professor W. Jameson's Collections from the Eastern Cordillera of Ecuador. <Edinb. New Philos. Journ., new ser., ii, 1855, pp. 113-119.

Letters from W. Jameson. Field-notes on 10 spp. *Tanagra* [sic] *notabilis*, *Saltator arremonops*, p. 119, spp. "nn."

1855. PHILIPPI, R. A. Ueber einige Vögel Chile's. Briefliche Mittheilung an den Herausgeber. <Arch. f. Naturg., 1855, (1), pp. 9-14.

Behandelt vier Arten—*Phoenicopterus andinus*, sp. n., p. 12; *Ardea cocoi*, *Xanthornus cayennensis*, *Circus macropterus*.

1855. SCLATER, P. L. List of a Collection of Birds received by Mr. Gould, from the Province of Quijos in the Republic of Ecuador. <Ann. Mag. Nat. Hist., (2), xvi, 1855, pp. 279-285.

From P. Z. S., May 9, 1854, pp. 109-115, pll., q. v.

1855. SCLATER, P. L. Descriptions of some New Species of Birds from Santa Fé di Bogota. < *P. Z. S.*, xxiii, 1855, pp. 109, 110, pll. (Aves) xcix-cii.
Nemosia albicularis, pl. xcix; *Pyriglena ellisiana*, pl. c; *Anthus bogotensis*, pl. ci, p. 109; *Otocorys peregrina*, pl. cii, p. 110.
1855. SCLATER, P. L. On the Birds received in collections from Santa Fé di Bogota. < *P. Z. S.*, xxiii, 1855, pp. 131-164, pll. (Aves) ciii, civ.
 435 spp. briefly annotated. *Heterocnemis* (g. n.) *marginata*, p. 145; *Todirostrum gracilipes*, p. 149; *Calliste inornata* "Gould", p. 153, spp. nn.; pl. ciii, *Vireolanus icterophrys* Bp.; pl. civ, *Ampelion cinctus* (Tsch.).
- 1855-57. GUNDLACH, J., and CABANIS, J. Dr. J. Gundlach's Beiträge zur Ornithologie Cuba's. Nach Mittheilungen des Reisenden an Hr. Bez.-Dir. Sezekorn in Cassel; von Letzterem zusammengestellt. Mit Zusätzen und Anmerkungen geordnet vom Herausgeber. < *J. f. O.*, ii, 1854 (Extrah. 1855), pp. lxxvii-lxxxvii; iii, 1855, pp. 465-480; iv, 1856, pp. 1-16, 97-112, 337-352, 417-432; v, 1857, pp. 225-242.
 An important review of the subject. This is the first of numerous articles upon Cuban birds, wholly or in part by Dr. Gundlach; it is chiefly to be regretted that in the beginning insufficient attention to precision of identification resulted in too many "additions and corrections". The present series constitutes a systematic synopsis of Cuban birds, the technicalities by Cabanis, the field-notes by Gundlach. *Hypomorphnus gundlachii*, p. lxxx; *Phylomanes barbatulus*, p. 467; *Minus gundlachii*, p. 470; *Teretistris*, p. 475; *Melittarchus*, p. 478; *Contopus*, p. 479; *Blacicus*, p. 480; *Aulanax*, p. 1; *Chordeiles minor*, p. 5; *Corvus minutus* Gundl., p. 97; *Geotrygon caniceps* Gundl., p. 110; *Perisura*, p. 111; *Ocniscus*, p. 343; *Tryngites*, p. 418; *Notherhodius holostictus*, p. 426; *Linnopardalus*, p. 428; *Oreociscus*, p. 428, are new gen. or spp., all but 2 by Cabanis; 251 spp. in all are treated. See especially *J. f. O.*, ix, 1861, pp. 401-416; x, 1862, pp. 81-96, 177-191.
1856. BURMEISTER, H. Systematische Uebersicht | der Thiere Brasiliens, | welche | während einer Reise durch die Provinzen von Rio de Janeiro und Minas geraës | sammelt oder beobachtet | wurden | von | Dr. Hermann Burmeister, | o ö Prof. d. Zoologie und Direct. d. zool. Mus. der Universität zu Halle. | Zweiter Theil. | Vögel (Aves). | Erste [Zweite] Hälfte. | Berlin. 1856. | Druck und Verlag von Georg Reimer. 2 vols. 8vo. Vol. I, pp. x, 526 + 2. Vol. II, pp. xiv, 466.
 Ornithology occupies the 2d and 3d vols. of this work (1st vol., Mammals, Berlin, 1854). It is an extensive and elaborate general treatise upon the subject.
1856. BURMEISTER, H. Erläuterungen zur Fauna Brasiliens, enthaltend Abbildungen und ausführliche Beschreibungen neuer oder ungenügend bekannter Thier-Arten. Von Dr. Herm. Burmeister. Berlin. 1856. Folio.
 Not seen.
1856. DES MURS, P. O. Expédition dans les parties centrales de l'Amérique du Sud, de Rio Janeiro à Lima et de Lima au Para, etc. Par Fr. de Castelnau. Oiseaux, par P. O. Desmurs. 1856. 4to.
 Not seen: title from Giebel. Compare 1855, same author.
1856. GOULD, J. Descriptions of Eight New Species of Birds from South America. < *Ann. Mag. Nat. Hist.*, (2), xvii, 1856, pp. 428-431.
 From *P. Z. S.*, April 10, 1855.
1856. JARDINE, W. Contributions to Ornithology. No. II., Professor W. Jameson's Collections from the Eastern Cordillera of Ecuador continued.—Expedition from Quito to the Mountain Cayambe. < *Edinb. New Philos. Journ.*, new ser., iii, 1856, pp. 90-92, pl. iv.
 Collector's notes of the locality. Writer's remarks on *Tetragonops ramphastinus* (pl. iv) and other birds.—*Arremon leucopterus*, n. s., p. 92.
1856. KINAHAN, [R. J.] Letter from Dr. Kinahan, dated Callao, August, 1855. < *Nat. Hist. Rev. (Pr. Soc.)*, iii, 1856, pp. 24-26.
 Referring, among other things, to birds, especially Albatrosses.
1856. LAWRENCE, G. N. Descriptions of New Species of Birds of the Genera Chordeiles, Swainson, and Polioptila, Sclater. < *Ann. Lyc. Nat. Hist. New York*, vi, 1856, pp. 165-169.
Chordeiles gundlachii, p. 165; *C. texensis*, p. 167; *Polioptila melanura*, p. 168.

1856. PELZELN, A. V. Ueber neue u. wenig bekannte Arten der kais. ornithologischen Sammlung nebst Auszügen aus J. Natterers handschriftlichen Katalog über die von ihm in Brasilien gesammelten Species der Familien Trogonidae und Alcedinidae. < *Sitz.-Berichte Königl. Akad. Wiss. Wien*, xx, 1856, pp. 492 —. Not seen.
1856. RAIMONDI, A. Mémoire sur le huano des îles de Chincha et les oiseaux qui le produisent. < *Comp. Rend. de l'Acad. Sci. Paris*, xlii, 1856, pp. 735-738.
1856. RAIMONDI, A. [Résumé d'un mémoire sur le huano des îles de Chincha et les oiseaux qui le produisent.] < *Rev. et Mag. de Zool.*, viii, 1856, pp. 190, 191.
1856. SCLATER, P. L. Descriptions of some [lately] New Species of Birds from Santa Fé di Bogota. < *Ann. Mag. Nat. Hist.*, (2), xviii, 1856, pp. 60, 61.
From *P. Z. S.*, June 26, 1855, pp. 109, 110.
1856. SCLATER, P. L. On two [lately] new species of Birds from Santa Fé di Bogota. < *Ann. Mag. Nat. Hist.*, (2), xviii, 1856, pp. 186, 187.
From *P. Z. S.*, July 24, 1855, pp. 131-164.
1856. SCLATER, P. L. Descriptions of eight new species of Birds from South America. < *Ann. Mag. Nat. Hist.*, (2), xviii, 1856, pp. 466-470.
Synallaxis castanea, p. 466; *Diglossopsis* (g. n.) *cœrulescens*, p. 467; *Diglossa indigotica* (J. & E. Verr. MS.), p. 467; *Anabates infuscatus*, *A. lineaticeps*, *Myiadestes venezuelensis*, p. 468; *Pipreola melanolæma*, *Ohirozophia regina*, p. 469.
1856. SCLATER, P. L. On some additional Species of Birds received in collections from Bogota. < *P. Z. S.*, xxiv, 1856, pp. 25-31, pll. (Aves) cxvi-cxix.
Synallaxis elegans, p. 25; *S. mæsta*, p. 26; *Anabates erythropterus*, p. 27; *Margarornis brunescens*, p. 27, pl. cxvi; *Ochthoeca fumicolor*, p. 28, pl. cxvii; *Euscarthmus agilis*, p. 28, pl. cxviii; *Pipra coracina*, p. 29; *Conopophaga cucullata*, p. 29, pl. cxix; *Ohlorospingus xanthophrys*, *C. lichtensteini*, p. 30; *Gallinago nobilis*, *Rallas semiplumbeus*, p. 31, spp. nn.
1856. SCLATER, P. L. List of Mammals and Birds collected by Mr. Bridges in the vicinity of the town of David in the Province of Chiriqui in the State of Panama. < *P. Z. S.*, xxiv, 1856, pp. 133-143.
Of birds, 46 spp.—*Thamnophilus bridgesi*, p. 141; *Geotrygon chiriquensis*, p. 143, spp. nn.
1857. BONAPARTE, C. L. Catalogue méthodique accompagné de notes des Oiseaux recueillis à Cayenne par M. E. Desplanches, chirurgien de la marine impériale, pendant la première campagne de l'avis à vapeur, la Rapide, années 1854-1856. < *Bull. Soc. Linn. Normandie*, ii, 1857, pp. 29-40.
Of this piece I have not seen the original, but a MS. copy made by S. F. Baird, Nov. 21-26, 1863. It is an annotated list of 130 spp., a few of which are described, the rest merely given by name. *Planchesia* Bp. (type *Muscicapa fuliginosa* Gm., *fusca* Bodd.; *P. E.* 574, f. 1), p. 36, g. n.
1857. GOULD, J. Description of a [lately] new Trogon and a [lately] new Odontophorus. < *Ann. Mag. Nat. Hist.*, (2), xix, 1857, pp. 110, 111.
From *P. Z. S.*, May 13, 1856.
1857. HARTLAUB, G. Zur Ornithologie Südamerika's. < *J. f. O.*, 1857, v, pp. 36-50.
Burmeister's *Thiere Bras.*; Cassin's Birds of Gilliss' U. S. Naval Astron. Exped.; Des Murs' Castelnau's Voy. and Sclater's B. of Bogotá in *P. Z. S.*, 1855. In some measure a review of the works quoted, but rather a systematic summary of their results.
1857. JARDINE, W. Contributions to Ornithology. No. IV. < *Edinb. New Philos. Journ.*, new ser., v, 1857, pp. 255-257.
Brief notes on 5 spp. from Quito.
1857. PHILIPPI, R. A. Ueber einige Chilenische Vögel und Fische. < *Arch. f. Naturg.*, 1857, (1), pp. 262-272.
Rallus salinasi, p. 262; *Upucerthia atacamensis*, p. 263; *Totanus chilensis*, p. 264; *Colicivora fernandeziana*, p. 265.
1857. SALLÉ, A. Liste des Oiseaux rapportés et observés dans la République Dominicaine (ancienne partie Espagnole de l'île St. Domingue ou d'Haiti), pendant son voyage de 1849 à 1851. (Communicated by Philip Lutley Sclater.) < *P. Z. S.*, xxv, 1857, pp. 230-237.
61 spp., with field-notes; and critical comment by the communicator.

1857. SCLATER, P. L. On some additional Species of Birds received in collections from Bogota. <Ann. Mag. Nat. Hist., (2), xix, 1857, pp. 85-92.
From P. Z. S., Feb. 26, 1856, pp. 25-31.
1857. SCLATER, P. L. On a [lately] new Genus of Birds from Mexico. <Ann. Mag. Nat. Hist., (2), xx, 1857, p. 470.
From P. Z. S., July 14, 1857.
1857. SCLATER, P. L. On two [lately] new Species of Birds from Bogota. <Ann. Mag. Nat. Hist., (2), xx, 1857, p. 472.
From P. Z. S., Jan. 27, 1857.
1857. SCLATER, P. L. Further Additions to the List of Birds received in Collections from Bogota. <P. Z. S., xxv, 1857, pp. 15-20.
52 spp., shortly annotated. *Anabates striaticollis*, *Sclerurus brunneus*, p. 17, spp. nn.
1857. SCLATER, P. L. On a Collection of Birds transmitted by Mr. H. W. Bates from the Upper Amazon. <P. Z. S., xxv, 1857, pp. 261-268.
79 spp., with annotation. *Eubucco aurantiicollis*, p. 267, sp. n., and synopsis of 7 spp. of that section of the genus *Bucco*. See 1863, and 1864, BATES, H. W.
1857. SCLATER, P. L. Descriptions of Eleven New Species of Birds from Tropical America. <P. Z. S., xxv, 1857, pp. 271-277, pl. (Aves) cxxx.
Campylorhynchus pardus, p. 271; *C. striaticollis*, p. 272; *Anabazenops gutturalis*, p. 272, pl. cxxx; *Synallaxis multostriata*, *Turdus fulviventrís* Verr. MS., *T. ignobilis*, p. 273; *Cinclus leucnotus*, *Tyrannus atrifrons*, p. 274; *Melanoptila* (g. n.) *glabrioristris*, p. 275, woodcc.; *Lipaugus rufescens*, p. 276; *Tinamus castaneus*, p. 277.—Note that *Tyrannus atrifrons* Scl = *Saurophaga bairdii* Gamb. = *Tyrannus bairdii* Scl.
1857. TAYLOR, W. J. Investigation on the Rock Guano from the Islands of the Caribbean Sea. <Proc. Acad. Nat. Sci. Phila., ix, 1857, pp. 91-100.
Chemical analyses, etc.
1857. THIENEMANN, F. A. L. Ueber die von Dr. Gundlach eingesendeten Eier und Nester cubanischer Vögel. <J. f. O., v, 1857, pp. 145-159.
Systematic description of the eggs, and in many cases of the nests, of 49 spp.
1858. BURMEISTER, H. Zur Fauna von Süd-America; Briefliches aus Mendoza. <J. f. O., 1858, vi, pp. 152-162.
1858. DE VERTEUIL, L. A. A. Trinidad: | Its Geography, | Natural Resources, Administration, Present | Condition, and Prospects. | By | L. A. A. De Verteuil, M. D. P. | — | [Quotation, 3 lines.] | — | London: | Ward and Lock, 158, Fleet street. | — | 1858. 1 vol. 8vo. pp. i-xii, 1-508.
Chapter III, Natural History, p. 100; Birds, by the author, pp. 118-126.—Appendix: An Essay on the Ornithology of Trinidad, by Antoine Léotaud, M. D. P., pp. 423-439, giving considerable information on the subject.
1858. GUNDLACH, J. Notes on some Cuban Birds, with Descriptions of three New Species. <Ann. Lyc. Nat. Hist. New York, vi, 1858, pp. 267-275. (Read June 29, 1857.)
Colaptes chrysocaulosus, *Culicivora lembeyi*, p. 273; *Teretistris forsteri*, p. 275, spp. nn.
1858. LAWRENCE, G. N. Observations of the Preceding Paper [i. e., Notes on some Cuban Birds, with Descriptions of three New Species, by Gundlach]. <Ann. Lyc. Nat. Hist. New York, vi, 1858, pp. 275-277. (Read June 29, 1857.)
1858. SCLATER, P. L. Description of a [lately] new genus and some [lately] new species of American Birds. <Ann. Mag. Nat. Hist., (3), i, 1858, pp. 239, 240.
From P. Z. S., 1857.
1858. SCLATER, P. L. Descriptions of Eleven [lately] New Species of Birds from Tropical America. <Ann. Mag. Nat. Hist., (3), i, 1858, pp. 302-308, figg.
From P. Z. S., Dec. 8, 1857, pp. 271-277.
1858. SCLATER, P. L. On [lately] new Species of Birds from the Rio Napo, in the Republic of Ecuador. <Ann. Mag. Nat. Hist., (3), ii, 1858, pp. 144-150.
From P. Z. S., Jan. 26, 1858.
1858. SCLATER, P. L. On [lately] new Species of Birds from the Rio Napo, in the Republic of Ecuador. <Ann. Mag. Nat. Hist., (3), ii, 1858, p. 235.
From P. Z. S., Jan. 26, 1858, pp. 50-77.

1858. SCLATER, P. L. Notes on a Collection of Birds received by M. Verreaux of Paris from the Rio Napo in the Republic of Ecuador. <P. Z. S., xxvi, 1858, pp. 59-77, pl. (Aves) cxxxii.
 174 spp.—*Anabates melanocephalus*, p. 61; *Anabates pulvericolor*, *Synallaxis brunneicaudalis*, p. 62; *S. albigularis*, p. 63; *Malacocichla maculata*, p. 64; *Thamnophilus æthiops*, *T. capitatus*, p. 65; *Dysithamnus leucostictus*, *D. semicinctus*, p. 66; *Heterocnemis albigularis*, p. 67; *Conopophaga torrida*, *Grallaria flavirostris*, *G. fulviventris*, p. 68; *Agathopus* (n. g.) *micropterus*, p. 69; *Todirostrum picatum*, *Cyclorhynchus æquinoctialis*, p. 70; *Platyrhynchus coronatus* "Verr.", *Elania luteiventris*, p. 71; *Creurgops* (n. g.) *verticalis* Verr., pl. cxxxii, f. 2; *Euchaetes* (g. n., "Verr.") *coccineus* "Verr.", p. 73, pl. cxxxii, f. 1; *Celeus verreauxi* "Malh.", p. 74, spp. nn.
1858. SCLATER, P. L. List of Birds [39 spp.] collected by Geo. Cavendish Taylor, Esq., in the Republic of Honduras. <P. Z. S., xxvi, 1858, pp. 356-360.
1858. SCLATER, P. L. Characters of Five New Species of [Central and South] American Birds. <P. Z. S., xxvi, 1858, pp. 446-449.
Euchlornis frontalis, p. 446; *Turdus leucauchen*, *Geothlypis speciosa*, p. 447; *Cyclorhis flavipectus*, *Cinclodius bifasciatus*, p. 448.
1858. SCLATER, P. L. List of Birds collected by Mr. Louis Fraser, at Cuenca, Gualaquiza and Zamora, in the Republic of Ecuador. <P. Z. S., xxvi, 1858, pp. 449-461, pl. (Aves) cxlv.
 87 spp., with critical and field-notes.—*Conirostrum fraseri*, p. 452; *Phrygilus ocularis*, p. 454, pl. cxlv; *Synallaxis antesiensis*, p. 457; *Tyrannulus chrysops*, p. 458.
1858. SCLATER, P. L. On the Birds collected by Mr. Fraser in the vicinity of Riobamba, in the Republic of Ecuador. <P. Z. S., xxvi, 1858, pp. 549-556, pl. (Aves) cxlvi.
 59 spp., with collector's and author's notes.—*Troglodytes solstitialis*, p. 550; *Catamenia homochroa*, p. 552; *Agriornis solitaria*, p. 553; *Elania griseigularis*, pl. cxlvi, f. 1; *E. stictoptera*, pl. cxlvi, f. 2, p. 554, spp. nn.
1859. CASSIN, J. La Plata, [the Argentine Confederation, | and Paraguay. | Being a Narrative of the Exploration of the Tributaries of the | River La Plata and Adjacent Countries during the years | 1853, '54, '55, and '56, | under the orders of the United States Government. | By Thomas J. Page, U. S. N., | Commander of the Expedition. | With Map and Numerous Engravings. | New York: Harper & Brothers, Publishers, | Franklin Square. | 1859. 1 vol. 8vo. pp. i-xxii, 23-632, map and engs. >App. J. Notes on the Birds collected by the La Plata Expedition. By John Cassin. pp. 599-602.
 Merely a list of the species collected, with a slight commentary of general character.
1859. EDITORIAL. [Letter from Mr. Fraser at Nanegal, Pichincha, relating to various birds.] <*Ibis*, i, 1859, pp. 208.
1859. EDITORIAL. [Correspondence from Mr. Fraser, in Ecuador.] <*Ibis*, i, 1859, pp. 332, 333.
1859. EDITORIAL. [Correspondence from O. Salvin, en route to Guatemala.] <*Ibis*, i, 1859, pp. 333, 334.
1859. EDITORIAL. [Annotated extracts of letters from Fraser, at Quito and Babahoyo, June and July.] <*Ibis*, i, 1859, pp. 462-464.
1859. EDITORIAL. [Extracts from a letter of O. Salvin, en route to, and in, Guatemala.] <*Ibis*, i, 1859, pp. 466-469.
1859. GOULD, J. List of Birds from the Falkland Islands, with Descriptions of the Eggs of some of the Species, from specimens collected principally by Captain C. C. Abbott, of the Falkland Islands Detachment. <P. Z. S., xxvii, 1859, pp. 93-98.
 38 spp.—*Gavia roseiventris*, p. 97, sp. n.
1859. GUNDLACH, J. Ornithologisches aus Briefen von Cuba. <*J. f. O.*, 1859, vii, pp. 294-299, 347-351.
 Desultory notes on various species, in continuation of his previous more formal papers on the same subject in the same journal.

1859. MOORE, T. J. List of Mammals and Birds collected by Mr. Joseph Leyland in Honduras, Belize, and Guatemala. < *P. Z. S.*, xxvii, 1859, pp. 50-65, pll. (Aves) cl, cli.
125 spp. of birds, with brief field-notes.—*Ortyx leylandi*, p. 62, sp. n.
1859. NEWTON, A., and NEWTON, E. Observations on the Birds of St. Croix, West Indies, made, between February 20th and August 6th 1857 by Alfred Newton, and, between March 4th and September 28th 1858 by Edward Newton. (Part I [-IV].) < *Ibis*, i, 1859, pp. 59-69, 138-150, 252-264, 365-379, pll. i, xii.
Opens with sketch of the locality; finishes with sketch of the literature of the subject. Critical, descriptive, and field-notes on 64 spp., some of which are queried or left undetermined, and many bibliographical references. Woodcut of trachea of *Dendrocygna arborea*. Eight spp. of eggs figured on pl. xii. *Gymnoglaux nudipes*, pl. i.
1859. OSBURN, W. Notes on the Birds of Jamaica. < *Zoologist*, xvii, 1859, pp. 6368-6373.
"Contains graphic pictures of Jamaican Ornithology."
1859. OSBURN, W. Notes on the Bats and Birds of Jamaica. < *Zoologist*, xvii, 1859, pp. 6587-6594.
1859. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xvii, 1859, pp. 6658-6665.
1859. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xvii, 1859, pp. 6709-6721.
1859. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xvii, 1859, pp. 6753-6761.
These notes continued in same journal for 1860, q. v.
1859. SAGRA, RAMON DE LA. Énumération des espèces zoologiques et botaniques de l'île de Cuba utiles à acclimer dans autres régions analogues du globe. < *Bull. Soc. Acclim.*, vi, 1859, pp. 169-184.
Oiseaux, pp. 178-181.
1859. SCLATER, P. L. Characters of Five [lately] New Species of American Birds. < *Ann. Mag. Nat. Hist.*, (3), iii, 1859, pp. 443-446.
From *P. Z. S.*, Nov. 9, 1858, pp. 446-449.
1859. SCLATER, P. L. List of the First Collection of Birds made by Mr. Louis Fraser at Pallatanga, Ecuador, with Notes and Descriptions of New Species. < *P. Z. S.*, xxvii, 1859, pp. 135-147, pl. (Aves) cliv.
102 spp.—*Vireo josephæ*, p. 137, pl. cliv; *Nemosia ornata*, p. 138; *Anabates subularis*, *A. temporalis*, *Dysithamnus unicolor*, p. 141; *Formicivora caloptera*, *Pachyrhamphus homochrous*, *Cephalopterus penduliger*, p. 142, spp. nn.
1859. SCLATER, P. L. On some new or little-known Birds from the Rio Napo. < *P. Z. S.*, xxvii, 1859, pp. 440, 441.
9 spp.—*Buarremon castaneiceps*, *Grallaria nuchalis*, p. 441, spp. nn.
1859. SCLATER, P. L., and SALVIN, O. On the Ornithology of Central America. Part I [-III]. < *Ibis*, i, 1859, pp. 1-22, 117-138, 213-234, pll. iv, v.
Sketch of literature of the subject; 382 spp. with field-notes, mainly from Mr. Salvin's personal observations, and some synonymy. *Cistothorus elegans*, p. 8; *Cereba lucida*, p. 14; *Xiphocolaptes elegans*, p. 118; *Sayornis aquatica*, p. 119; *Empidonax albigularis*, p. 122; *Elainia viliisima*, p. 122, pl. 4, f. 1; *E. placens*, p. 123, pl. 4, f. 2. Various eggs figured at pl. 5. Several species are left undetermined. Cf. *Ibis*, 1866, pp. 188-206.
1860. BREWER, T. M. [List of the Birds of Cuba, compiled from two lists furnished by Dr. Gundlach, of Havana.] < *Proc. Boston Soc. Nat. Hist.*, vii, 1860, pp. 305-308.
Nominal list of 250 spp.
1860. BRYANT, H. [Notes on two Birds from Bogota.] < *Proc. Boston Soc. Nat. Hist.*, vii, 1860, pp. 226, 227.
Turdus minimus Lafr.; *Vireo bogotensis*, sp. n., p. 227.
1860. BURMEISTER, H. Systematisches Verzeichniss der in den La Plata-Staaten beobachteten Vögelarten. < *J. f. O.*, viii, 1860, pp. 241-268.
261 spp.; the list shortly annotated and with a few references.

1860. CASSIN, J. Catalogue of Birds collected during a survey of a route for a Ship Canal across, the Isthmus of Darien, by order of the Government of the United States, made by Lieut. N. Michler, of the U. S. Topographical Engineers, with notes and descriptions of new species. < *Proc. Acad. Nat. Sci. Phila.*, xii, 1860, pp. 132-144, 188-197.
144 spp.—*Monasa pallescens*, p. 134 (with synop. of 6 spp. of *Monasa*); *Celeus mentalis*, p. 137; *Orthogonys olivaceus*, *Pittasoma* (g. n.) *michleri*, p. 189; *Dendroica vieillotii*, p. 192 (with synop. of 5 allied spp.), spp. nn.
1860. CASSIN, J. Catalogue of Birds from the Island of St. Thomas, West Indies, collected and presented to the Academy of Natural Sciences by Mr. Robert Swift. With Notes. < *Proc. Acad. Nat. Sci. Phila.*, xii, 1860, pp. 374-379.
27 spp., annotated.
1860. EDITORIAL. [Notice of Mr. Fraser's Movements and Operations.] < *Ibis*, ii, 1860, pp. 192, 193.
1860. FRAUENFELD, G. v. Ueber den Aufenthalt in Valparaiso und die Ausflüge daselbst, während der Weltfahrt der k. k. Fregatte Novara. < *Verh. (Abhandl.) k. k. zool.-bot. Ges. Wien*, x, 1860, pp. 635.
Grössten Theils ornithologischen Inhalts.
1860. GERMAIN, M. F. Notes upon the Mode and Place of Nidification of some [69 spp.] of the Birds of Chili. < *Proc. Boston Soc. Nat. Hist.*, vii, 1860, pp. 308-316.
1860. GODET, T. L. Bermuda: | its History, Geology, Climate, Products, | Agriculture, Commerce, and Government | from the earliest period to the present time; | with hints to invalids. | By Theodore L. Godet, M. D. | London: | Smith, Elder and Co., 65, Cornhill. — | M.DCCC.LX. 1 vol. 8vo. > Chap. XIII, pp. 193-198.
Treats of a very few spp., with running commentary.
1860. LAWRENCE, G. N. Description of a New Species of Bird of the Genus Phaeton, also of a New Species of Humming Bird of the Genus Heliopaedica. < *Ann. Lyc. Nat. Hist. New York*, vii, 1860, pp. 142-145.
Ph. flavo-aurantius, p. 142; *H. castaneocauda*, p. 145.
1860. LAWRENCE, G. N. Notes on some Cuban Birds, with Descriptions of New Species. < *Ann. Lyc. Nat. Hist. New York*, vii, 1860, pp. 247-275.
27 spp. critically treated; many observations of Dr. J. Gundlach's. *Accipiter gundlachi*, p. 252; *Antrostomus cubanensis*, p. 260, spp. nn.
1860. LAWRENCE, G. N. Descriptions of New Species of Birds of the Genera Myiarchus and Phlogopsis. < *Ann. Lyc. Nat. Hist. New York*, vii, 1860, pp. 284-286.
M. Panamensis, p. 284; *Ph. McLeannani*, p. 285.
1860. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xviii, 1860, pp. 6833-6841.
1860. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xviii, 1860, pp. 6873-6880.
1860. OSBURN, W. Notes on the Mountain Birds of Jamaica. < *Zoologist*, xviii, 1860, pp. 6925-6934.
Continued from same journal for 1859, q. v.
1860. PHILIPPI, R. A. Ueber zwei vermuthlich neue Chilenischen Enten und über *Fringilla barbata* Mol. < *Arch. f. Naturg.*, 1860, (1), pp. 24-28.
Anas iopareia, p. 24. *Eristomatura vittata*, p. 26. Synonymik von *Chrysomitris barbata*.
1860. PHILIPPI, R. A., and LANDBECK, L. Beschreibung zweier neuen Chilenischen Vögel aus den Geschlechtern *Procellaria* und *Caprimulgus*. < *Arch. f. Naturg.*, 1860, (1), pp. 279-284.
Caprimulgus andinus, p. 279; *Thalassidroma segethi*, p. 282.
1860. SALVIN, O. [Editorial Extracts from Letters from Dueñas, Guatemala, Aug. 30 and Oct. 25, 1859.] < *Ibis*, ii, 1860, pp. 99-101.

1860. SALVIN, O. [Letters from Vera Paz, relating to various Birds, with a comparative list of the Trochilidae of Dueñas and Coban.] < *Ibis*, ii, 1860, pp. 193-197.
1860. SALVIN, O., and SCLATER, P. L. Contributions to the Ornithology of Guatemala. < *Ibis*, ii, 1860, pp. 28-45, pl. iii, pp. 272-278, 396-402, pl. xiii.
80 + 39 + 52 = 171 spp. The first article contains species not mentioned in the authors' paper on the same subject in *Ibis*, vol. i, 1859, with the whole of Salvin's field-notes on his first collection; the second, 39 more new to the fauna of the country; the third, 52 more, both with Salvin's field-notes. *Thryothorus pleurostictus*, p. 30; *Elainia subpagana*, p. 36; *Malacoptila verapacis*, p. 40; *Chrysotis guatemalæ* "Hartl.", p. 46, spp. nn. The pls. represent *Chætura rutila* and *Pionus haematotis*. Cf. *Ibis*, 1866, pp. 188-206.
1860. SCLATER, P. L. Descriptions of [lately] New Species of Birds collected by Mr. Louis Fraser at Pallatanga, Ecuador. < *Ann. Mag. Nat. Hist.*, (3), v, 1860, pp. 427-430.
From *P. Z. S.*, April 12, 1859, pp. 135-147, q. v.
1860. SCLATER, P. L. On two [lately] new Birds from the Rio Napo. < *Ann. Mag. Nat. Hist.*, (3), v, 1860, p. 498.
From *P. Z. S.*, Nov. 22, 1859, pp. 440, 441, q. v.
1860. SCLATER, P. L. On the Eggs of Two Raptorial Birds from the Falkland Islands. < *Ibis*, ii, 1860, pp. 24-25, pl. i.
Pl. i, fig. 1, *Milvago australis*; fig. 2, *Cathartes* sp., wrongly identified as *Milvago australis*; fig. 3, *Buteo erythronotus*.
1860. SCLATER, P. L. List of Additional Species of Birds collected by Mr. Louis Fraser at Pallatanga, Ecuador; with Notes and Descriptions of New Species. < *P. Z. S.*, xxviii, 1860, pp. 63-73.
64 spp.—*Thryothorus mystacalis*, p. 64; *Grallaria erythroptis*, *G. regulus*, p. 66; *Myiarchus cinericeps*, *Platyrhynchus albugularis*, *Eupsilostoma pusillum*, p. 68; *Tyrannulus flavidifrons*, *T. cinereiceps*, p. 69, spp. nn.
1860. SCLATER, P. L. List of Birds collected by Mr. Fraser in the vicinity of Quito, and during excursions to Pichincha and Chimborazo; with Notes and Descriptions of New Species. < *P. Z. S.*, xxviii, 1860, pp. 73-83, pl. (Aves) clix.
52 spp.—*Thryothorus eophrys*, p. 74; *Oreomanes* (n. g.) *fraseri*, p. 75, fig. pl. clix; *Cinclodes excelsior*, *C. albidiventris*, p. 77; *Agriornis andecola*, p. 78; *Attagis chimborazensis*, p. 82, spp. nn.
1860. SCLATER, P. L. List of Birds collected by Mr. Fraser in Ecuador, at Nanegal, Calacali, Perucho, and Puellaro; with Notes and Descriptions of New Species. < *P. Z. S.*, xxviii, 1860, pp. 83-97, pl. (Aves) clx.
130 spp.—*Thryothorus nigricapillus*, *Basileuterus semicervinus*, p. 84; *Oryzoborus æthiops*, p. 88; *Pipreola jucunda*, p. 89; *Pipra deliciosa*, p. 90, figg.; *Masius coronulatus*, p. 91; *Cyclo-rhynchus fulvipes*, p. 92; *Myiobius villosus*, p. 93, spp. nn.
1860. SCLATER, P. L. [Announcement of the arrival of some Mammals and Birds from British Honduras.] < *P. Z. S.*, xxviii, 1860, p. 206.
1860. SCLATER, P. L. List of Birds collected by Mr. Fraser at Babahoyo in Ecuador, with Descriptions of New Species. < *P. Z. S.*, xxviii, 1860, pp. 272-290, pl. (Aves) cxliv.
134 spp.—*Geothlypis semiflava*, p. 273; *Cyclorhis virenticeps* (pl. cxliv), *Saltator flavicollis*, p. 272; *Embernagra chrysomus*, p. 275; *Spermophila ophthalmica*, *Oryzoborus occidentalis*, *Cassicus flavicrissus*, p. 276; *Xiphorhynchus thoracicus*, p. 277; *X. pusillus* (ex Nova Granada), p. 278; *Formicivora consobrina*, *Cercomacra maculosa*, *Pachyrhamphus spodiurus*, p. 279; *Attila torridus*, *Fluvicola atripennis*, p. 280; *Megarhynchus chrysogaster*, *Tyrannus niveigularis*, *Myiarchus phæocephalus*, p. 281; *Cyclorhynchus subbrunneus*, *Muscivora occidentalis*, p. 282; *Bucco leucocrissus*, p. 284; *Dryocopus fuscipennis*, p. 286, spp. nn.
1860. SCLATER, P. L. List of Birds collected by Mr. Fraser at Esmeraldas, Ecuador, with Descriptions of New Species. < *P. Z. S.*, xxviii, 1860, pp. 291-298.
93 spp.—*Cyphorhinus phæocephalus*, p. 291, sp. n.
1860. SCLATER, P. L. Catalogue of Birds of the Falkland Islands. < *P. Z. S.*, xxviii, 1860, pp. 382-391, pl. (Aves) clxxiii. (Cf. op. cit., 1861, p. 45; 1864, p. 73.)
57 spp., with brief field-notes. *Chloephaga rubriceps*, p. 387, pl. clxxiii, sp. n.

1860. SCLATER, P. L. Characters of Ten New Species of American Birds. <P. Z. S., xxviii, 1860, pp. 461-467.
Campylorhynchus nigriceps, p. 461; *C. gularis*, *Vireo modestus*, p. 462; *Vireosylvia cobanensis*, p. 463; *Myiobius flavicans*, *M. pulcher*, *M. crypterythrus*, p. 464; *M. cryptozanthus*, p. 465; *Heteropelma amazonum*, *H. flavicapillum*, p. 466. The article includes synopses of the species of *Myiobius* and *Heteropelma*.
1860. SCLATER, P. L., and SALVIN, O. Characters of Eleven [lately] New Species of Birds discovered by Osbert Salvin in Guatemala. <Ann. Mag. Nat. Hist., (3), vi, 1860, pp. 215-217.
 From P. Z. S., May 22, 1860, pp. 298-301.
1860. SCLATER, P. L., and SALVIN, O. Characters of Eleven New Species of Birds discovered by Osbert Salvin in Guatemala. <P. Z. S., xxviii, 1860, pp. 298-301.
Poliophtila albiloris, *Dendroica chrysoparia*, p. 298; *Hylophilus cinereiceps*, *Glyphorhynchus pectoralis*, *Thamnistes anabatinus*, *Platyrhynchus cancrinus*, p. 299; *Tyrannulus semiflavus*, *Heteropelma verespaci*, *Lipaugus holerythrus*, *Pionus hematotis*, *Corethrura rubra*, p. 300.
1860. TAYLOR, G. C. On Birds collected or observed in the Republic of Honduras, with a short Account of a Journey across that country from the Pacific to the Atlantic Ocean. <Ibis, ii, 1860, pp. 10-24, 110-122, 222-228, 311-317.
 Description of the region and field-notes on 96 spp.
1861. ABBOTT, C. C. [Field-] Notes on the Birds [66 spp.] of the Falkland Islands. <Ibis, iii, 1861, pp. 149-167.
 Cf. P. Z. S., 1860, p. 382, and Feb. 12, 1861, p. 45; also, *Ibis*, 1860, p. 336.
1861. ALBRECHT, R. Zur Ornithologie Cuba's. Nach Geo. N. Lawrence und J. Gundlach mitgetheilt. <J. f. O., 1861, ix, pp. 198-215.
 Ann. Lyc. Nat. Hist. N. F., passim, 1855-60. 28 spp.
1861. BOLLE, C. Guano-Gewinnung auf den Chinha-Inseln. <J. f. O., ix, 1861, pp. 387-390.
 Aus Ouzco und Lima von Clements Markham, London, 1856.
1861. BURMEISTER, H. Reise durch die La Plata-Staaten, mit besonderer Rücksicht auf die physische Beschaffenheit und den Culturzustand der Argentinischen Republik. Ausgeführt in den Jahren 1857-61. Zweiter Band. Halle. 1861.
 Not seen. Said to contain lists of mammals, birds, etc. Cf. *Ibis*, 1863, pp. 357, 358; *J. f. O.*, viii, 1860, pp. 241-268.
1861. EDITORIAL. [Notes on some birds of the Falkland Islands.] <Ibis, iii, 1861, p. 312.
1861. GUNDLACH, J. Tabellarische Uebersicht aller bisher auf Cuba beobachteten Vögel. <J. f. O., 1861, ix, pp. 321-349.
 With tabular statement of periods of migration and breeding, comparative abundance or scarcity, and general geographical distribution, in seven categories. 249 spp.
1861. LAWRENCE, G. N. Descriptions of three new new species of Birds [from Middle America]. <Ann. Lyc. Nat. Hist. New York, vii, 1861, pp. 303-305.
Grallaria perspicillata, p. 303; *Poliophtila superciliaris*, p. 304; *Chlorostilbon nitens*, p. 305.
1861. OWEN, ROBERT. On the Nesting of some Guatemalan Birds. With remarks by Osbert Salvin, . . . <Ibis, iii, 1861, pp. 58-69, pl. ii.
 23 spp. Field-notes; desc. of nests and eggs by O. Salvin; 5 spp. eggs figured on pl. ii.
1861. PHILIPPI, [R. A.], and LANDBECK, [L.] Descripcion. De algunas especies nuevas de pájaros [chilenos]. <Anal. Univ. Chile, xviii, 1861, pp. 731-734.
Upucerthia albiventris, p. 731; *Larus frobenii*, p. 732; *L. cinereo caudatus*, p. 733.—These three species are also described in *Arch. für Naturg.* of same year.
1861. PHILIPPI, [R. A.], and LANDBECK, [L.] Descripcion de unas nueve especies de pájaros peruanos del Museo Nacional. <Anal. Univ. Chile, xix, Nov., 1861, pp. 609-622.
Synallaxis striata, p. 609; *Chlorospiza erythronota*, p. 610; *Pitylus albociliaris*, p. 611; *Sterna lorata*, p. 612; *S. Trobeni* [sic!], p. 613 (commonly quoted *frobenii* or *frobeni*) ("fué muerta en setiembre de 1851 por el finado Troben"); *S. comata*, p. 614; *Leistes albipes*, p. 616; *Recurvirostra andina*, p. 618; *Dasycephala albicauda*, p. 618.—Cuatro especies del género *Pepoaza* d'Orb.,—*livida*, *andecola*, *montana*, *maritima*.—Noticias sobre el modo de vivir de las dos especies chilenas de *Dasycephala*.

1861. PHILIPPI, R. A., and LANDBECK, L. Neue Wirbelthiere von Chile. <Arch. f. Naturg., (1), 1861, pp. 289-301.
B. Aves: *Upucerthia albiventris*, p. 290; *Larus frobenii*, p. 292; *L. cinereo-caudatus*, p. 293.
1861. SALLÉ, A. Liste d'Oiseaux | a vendre | provenant des chasses faites en Améri-
rique | par M. Auguste Sallé, | Rue Guy-de-la-Brosse, 13, a Paris. | Paris,
mars 1831 | 8vo pamph. pp. 7.
Ces oiseaux sont en peaux bien préparées; ils ont été mentionnés par Bonaparte dans les
Compt. Rend., et ils ont aussi fourni la matière de plusieurs articles publiés par Sclater dans
les *P. Z. S.*, 1856, '57, '58, '59 et '60. Ils proviennent du Mexique, de l'île de St. Domingue,
de la Vénézuëla et de l'Amérique du Nord.
1861. SALVIN, O. A List of [28] Species to be added to the Ornithology of Central
America. <*Ibis*, iii, 1861, pp. 351-357.
Cf. same author's and P. L. Sclater's several articles on same subject in same journal,
previous numbers. Cf. *Ibis*, 1866, pp. 188-206.
1861. SALVIN, O. Descriptions of three new species of Birds from Guatemala. <*P.
Z. S.*, xxxix, 1861, pp. 202, 203.
Cyphorinus philomela. *Embernagra chloronota*, p. 202; *Aphantochroa roberti*, p. 203.
1861. SALVIN, O. Descriptions of three [lately] new species of Birds from Guatemala.
<*Ann. Mag. Nat. Hist.*, (3), viii, 1861, pp. 334, 335.
From *P. Z. S.*, May 14, 1861, pp. 202, 203, q. v.
1861. SCLATER, P. L. Characters of Eight [lately] New Species of American Birds.
<*Ann. Mag. Nat. Hist.*, (3), vii, 1861, pp. 327-330.
From *P. Z. S.*, Dec. 11, 1860.
1861. SCLATER, P. L. Additions and Corrections to the List of the Birds of the Falk-
land Islands [in *P. Z. S.*, 1860, pp. 3-2-331]. <*P. Z. S.*, xxxix, 1861, pp. 45-47.
(See *P. Z. S.*, 1864, p. 73.)
11 spp. List of 8 spp. of Falkland *Spheniscidae*.
1861. SCLATER, P. L. List of a Collection of Birds made by the late Mr. Osburn in
Jamaica, with notes. <*P. Z. S.*, xxxix, 1861, pp. 69-82, pl. xiv and woodcc.
92 spp.—*Laetes osburni*, g. sp. n., p. 72, pl. xiv, f. 2; *Siphonorhis*, g. n., p. 77; *Elainia fallax*,
sp. n., p. 76.
- 1861-62. GUNDLACH, J. Zusätze und Berichtigungen zu den „Beiträgen zur Orni-
thologie Cuba's“. (In den früheren Jahrgängen dieses Journals.) <*J. f. O.*,
ix, 1861, pp. 401-416; x, 1862, pp. 51-96, 177-191.
Reviews a large number of his species, mainly upon information acquired through Baird,
Cassin and Lawrence's *Birds of North America*. In using Dr. Gundlach's work, it is essen-
tial to consult this article in connection with the previous ones. See 1853-57, GUNDLACH, J.
- 1861-62. SCLATER, P. L. Catalogue | of | a Collection | of | American Birds | belonging
to | Philip Lutley Sclater, M. A., Ph. D., F. R. S. | Fellow of Corpus Christi
College, Oxford; | Secretary to the Zoological Society of London; | Editor of
"The Ibis." | [Vignette. Motto.] | London: | N. Trübner and Co., Paternoster
Row. | [1861,] 1862. 1 vol. 8vo. pp. xvi, 338, with or without pll. xx.
The collection consisted of about 4,100 specimens of 2,170 species of American *Passeres*,
Fissirostres, and *Scansores*, 386 being type-specimens. The text consists of a copious syn-
onymy, with enumeration of specimens of each species by locality whence procured, and some
little running commentary in footnotes.
Phænicothraupis erythrolæma Bp.?, p. 63; *Tachyphonus cristatellus*, p. 86; *Paroaria cerri-
calis*, p. 108; *Chrysomitris uropygialis*, p. 125; *Icterus xanthornus*, p. 131; *Quiscalus æquatori-
alis*, p. 140; *Q. assimilis*, p. 141; *Glyphorhynchus major*, p. 161; *Thamnophilus strenuus*, p. 173;
Pachyrhamphus cinereiventris, p. 242; *P. dorsalis*, p. 243; *Momotus strainsoni*, p. 261; *Bucco
napensis*, p. 269; *Chelidoptera brasiliensis*, p. 275; *Chlorocerypes malherbii*, p. 338; *Conurus prin-
pinquus*, p. 346, are spp. nn. indicated in footnotes. *Hyetornis*, g. n., p. 321, and probably some
other generic names, are here used for the first time without particular notice of the fact.
A list of the author's publications from 1850 to 1861 inclusive, 165 in number, is appended.
The completed vol. dates 1862, but some copies of the sheets were distributed as printed;
date of printing is on each signature, according to which the first twelve (to p. 192) appeared
in 1861, the rest in 1862. The book is found with or without the plates: perfect copies, with
the plates, are scarce. These are as follows:—I. *Turdus pinicola*. II, *Cinclus leucocotus*.
III, *Campylorhynchus jocosus*. IV, *Thryothorus pleurostictus*. V, *Hylophilus ochraceiceps*.

1861-62. SCLATER, P. L.—Continued.

VI, *Diglossa indigotica*. VII, *Dacnis egregia*. VIII, *D. pulcherrima*. IX, *Calliste cyanotis*. X, *Chlorospingus castaneicollis*. XI, *Embernagra chrysoma*. XII, *Sclerurus mezeianus*. XIII, *Synallaxis castanea*. XIV, *Anabazenops subalaris*. XV, *Myrmotherula ornata*. XVI, *Formicivora boucardi*. XVII, *Platyrhynchus coronatus*. XVIII, f. 1, *Oncostoma cinereigulare*; f. 2, *Todirostrum schisticeps*. XIX, *Mastus coronulatus*. XX, *Chiroziphia regina*.

1861-63. LAWRENCE, G. N. Catalogue of a Collection of Birds, made in New Grenada, by James McLeannan, Esq., of New York, with Notes and Descriptions of New Species. Part I. < *Ann. Lyc. Nat. Hist. New York*, vii, 1861, pp. 288-302 (Jan., 1861); Part II, pp. 315-334 (June, 1861); Part III, pp. 461-479 (Feb., 1862); Part IV, viii, pp. 1-13 (May, 1863).

I. *Leucopternis semiplumbeus*, p. 288; *Chlorostilbon assimilis*, p. 292; *Pachyrhamphus cinnamomeus*, p. 295; *Tachyphonus cassini*, p. 297; *Capito maculicoronatus*, p. 300; *Corethrura albigularis*, p. 302. II. *Thryothorus galbraithii*, p. 320; *Th. castaneus*, p. 321; *Hylophilus pusillus*, p. 323; *H. aurantifrons*, p. 324; *H. viridiflavus*, p. 324; *Myiarchus brunneiceps*, p. 327. III. *Syrnium lineatum*, p. 462; *Trogon concinnus*, p. 463; *Dacnis venusta*, p. 464; *Automolus pallidigularis*, p. 465; *Dendrocicla olivacea*, p. 466; *Dendroornis lachrymosus*, p. 467; *Myrmetherula fulviventris*, p. 468; *Ramphocenus semitorquatus*, p. 469; *Myrmeciza ferruginea*, p. 470; *Turdus obsoletus*, p. 470; *Attila sclateri*, p. 470; *Empidonax griseigularis*, p. 471; *Leptopogon flavovirens*, p. 472; *Pettivius subcaeruleus*, p. 475; *Pionius coccinillarioris*, p. 475; *Chloronerpes callopterus*, p. 476. IV. *Petrochelidon albilinea*, p. 2; *Cyphorinus lawrencii* Scl. MS., p. 5; *Pithys bicolor*, p. 6; *Rhynchocyclus flavo-olivaceus*, p. 8; *Lipaugus albogriseus*, p. 9; *Spermophila semicollaris*, p. 10; *Spermophila schistacea*, p. 10, spp. nn. 415 spp. (as numbered, but some of the Nos. duplicated) treated, with various critical notes, besides the descriptions of new species. The reception of collections at different times causes the several lists to be successive additions, and gives occasion for some rectifications in later lists of earlier identifications. The sequence of the species is systematic in each of the four lists, but not continuously so throughout the whole.

1861-69. CABANIS, J. Uebersicht der im Berliner Museum befindlichen Vögel von Costa Rica. < *J. f. O.*, viii, 1860, pp. 321-336 (pub. Jan., 1861), 401-416 (pub. May, 1861); ix, 1861, pp. 1-11, 81-96, 241-256; x, 1862, pp. 161-176, 321-336; xvii, 1869, pp. 204-213.

None published till Jan., 1861, though the first two portions appear in the Nos. for Sept.-Nov., 1860. Based on the investigations of Drs. v. Frantzius, Hoffmann, and Ellendorf. This important systematic review of Costa Rican birds is full of critical matter, and gives many new generic and specific names, as follows:—

Pezopetes, p. 415; *Amaurospiza*, p. 3; *Callispiza* (pro *Calliste*), p. 87; *Acrocompsa*, p. 88; *Panterpe*, p. 164; *Ceophloeus*, p. 176, gen. nn.

[Jan., 1861] *Catharus frantzii*, *Turdus plebejus*, p. 323; *T. nigrescens*, p. 324; *Rhimamphus ruficeps*, p. 326; *Compsothlypis gutturalis*, p. 329; *Triglyphidia callophrys*, p. 331; *Phonascia luteicapilla*, p. 332; *P. gracilis*, p. 333; *P. humilis*, p. 334; *P. gnatho*, p. 335; *P. saturata*, p. 336. [May, 1861] *Poliophtila* — (not named), p. 401; *Ptilogonys caudatus*, p. 402; *Cyclorhis subflavescens*, p. 405; *Troglodytes intermedius*, p. 407; *Thryothorus modestus*, p. 409; *Diglossa plumbea*, p. 411; *Melospiza leucotis*, p. 413; *Pezopetes capitalis*, p. 415. [1861] *Amaurospiza concolor*, p. 3 (*Cyanospiza minor*, p. 4); *Sporophila leucopsis*, *S. ochropyga* (Licht., Mus. Ber.), p. 5; *S. hoffmanni*, p. 6 (*Lampropsar waczewiczii*, p. 88); *Phoenicothera fuscicauda*, p. 86; *Callispiza frantzii*, p. 87; *Atticora cyanophæa*, p. 92; *Myrmornis hoffmanni*, p. 95; *Thamnophilus punctatus*, p. 241; *Thripobrotus compressus*, p. 243; *Myiarchus nigricapillus*, p. 250. [1862] *Hemithylaea hoffmanni*, p. 163; *Panterpe insignis*, p. 164; *Chlorolampis salvini*, p. 164; *Malacoptila costaricensis*, p. 172; *Trogon tenellus*, p. 173; *Chloronerpes uropygialis*, p. 321; *Centurus hoffmanni*, p. 322 (*C. polygrammicus*, p. 326); *Ramphastos approximans*, p. 333, spp. nn.

Synopsis of 6 spp. of *Pyrrhocorax*, 4 spp. of *Chloronerpes*, 10 spp. of *Centurus*, and various less formal special criticisms.

[1869] This portion treats of 8 spp. of *Glauucidium* and of various *Raptatores* and other birds. *Asturina polionota*, p. 208; *Ortalia frantzii*, p. 211; *Crypturus modestus*, p. 212, spp. nn.

1862. ALBRECHT, R. Zur Ornithologie von Jamaica. Nach Osburn, Sclater und Gosse zusammengestellt. < *J. f. O.*, x, 1862, pp. 192-207.

Compilation from the sources named. 191 spp.

1862. EDITORIAL. [O. Salvin's and F. Godman's Operations in Guatemala.] < *Ibis*, iv, 1862, p. 195.1862. LAWRENCE, G. N. Descriptions of Six New Species of Birds [of Middle America], of the Families Charadriidae [sic], Trochilidae, and Caprimulgidae. < *Ann. Lyc. Nat. Hist. New York*, vii, 1862, pp. 455-460.

Aegialitis tenuirostris, p. 455; *Thalurania luciae*, p. 456; *Chlorostilbon insularis*, p. 457; *Trochilus aurigularis*, p. 458; *Sapphirionia luminosa*, p. 458; *Stenopsis maculicaudus*, p. 459.

1862. LAWRENCE, G. N. Descriptions of Six New Species of Birds from the Isthmus of Panama. < *Ibis*, iv, 1862, pp. 10-13.
Heleodytes albo-brunneus, p. 10; *Pitangus albonotatus*, *Myiozetetes granadensis*, p. 11; *Todirostrum olivaceum*, *Tyranniscus parvus*, *Tyrannulus brunneicapillus*, p. 12.
1862. SALLÉ, A., and PARZUDAKI, E. N° 2. Avril 1862. [Catalogue | des | Oiseaux du Mexique | composant | les collections de M. A. Sallé, | Rue Guy-de-la-Brosse, 13, a Paris, | et | de M. E. Parzudaki, Rue du Bouloi, 2. | — | [Paris: Impr. de Mme. Ve. Bouchard-Huzard, Rue de l'Éperon, 5. 1862.] 8vo. pp. 7.
 Ces oiseaux sont en peaux bien préparées et ont été mentionnés par Bonaparte dans les *Comptes Rendus* de l'Institut; ils ont aussi fourni la matière de plusieurs notices publiés par Sclater dans les *P. Z. S.*, 1856-1860.
1862. SALVIN, O. [Letter on Birds from Dueñas, Guatemala.] < *Ibis*, iv, 1862, p. 96.
1862. SCLATER, P. L. On some Birds recently Collected by M. Boucard in Southern Mexico. < *P. Z. S.*, xxx, 1862, pp. 18-20, pl. iii.
 16 spp.—*Harporhynchus ocellatus*, p. 18, pl. iii, sp. n.
1862. SCLATER, P. L. Characters of Nine New Species of Birds received in collections from Bogota. < *P. Z. S.*, xxx, 1862, pp. 109-112, pl. xi.
Turdus ephippialis, p. 109; *Hylophilus ferrugineifrons*, *Chlorospingus oleagineus*, *Philydor panerhythrus*, p. 110; *Leptopogon erythrops*, *L. pœcilotis*, *Myiobius bellus*, p. 111; *Empidonax pœcilorius*, *Urochroma stictoptera* (pl. xi), p. 112.
1862. SCLATER, P. L. Characters of Nine [ately] New Species of Birds received in collections from Bogota. < *Ann. Mag. Nat. Hist.*, (3), x, 1862, pp. 309-313.
 From *P. Z. S.*, March 25, 1862, pp. 109-112, q. v.
- 1862-63. NATTERER, J., ed. PELZELN, A. v. Handschriftliche Notizen [über die Cathartidæ und Falconidæ Brasiliens]. < *Verh. (Abh.) k.-k. zool.-bot. Ges. Wien*, xii, 1862, pp. 171-192; xiii, 1863, pp. 631-636.
 Notizen über 25 Arten der hier besprochenen Gruppen, als Anhang zu Pelzelns „Die Geier und Falken der Kaiserl. Ornith. Sammlung“, tomm. cit. pp. 123-192, 585-636.
1863. [BAIRD, S. F.] List of the described Birds of Mexico, Central America, and the West Indies not in the collection of the Smithsonian Institution. January 1, 1863. 8vo, double column, pp. 6.
 Names only.
1863. BATES, H. W. The Naturalist on the River Amazons; a record of adventures, habits of animals, sketches of Brazilian and Indian life, and aspects of Nature under the Equator during eleven years of travel. By Henry Walter Bates. London. Murray, 1863. 2 vols. 8vo. figg.
 Orig. ed., not seen: see 2d ed., 1864. Numerous ornithological passages, and some of the woodcuts. Mr. Bates's collection of birds, upwards of 400 species, is said to have been dispersed with only imperfect record (*P. Z. S.*, 1857, pp. 261-268, q. v.) of names, dates, or localities. Cf. *Ibis*, 1863, pp. 462, 463; *Nat. Hist. Rev.*, 2d ser., iii, 1863, pp. 385-389; *Zoologist*, xxi, 1863, pp. 8537-8554.
1863. EDITOR. The Naturalist on the Amazons. < *Nat. Hist. Rev.*, 2d ser., iii, 1863, pp. 385-389.
 Editorial review of H. W. Bates's work.
1863. LAWRENCE, G. N. Descriptions of Eight New Species of Birds from the Isthmus of Panama. < *Ibis*, v, 1863, pp. 181-184.
Cotyle uropygialis, *Dendroornis nana*, *Formicivora virgata*, *Myrmelastes corvinus*, *Myiozetetes marginatus*, *Myiobius atricaudus*, *Platyrhynchus superciliaris*, *Celeus squamatus*.
1863. LAWRENCE, G. N. Descriptions of New Species of Birds of the Families Vireonidæ and Rallidæ. < *Proc. Acad. Nat. Sci. Phila.*, xv, 1863, pp. 106, 107.
Vireo atripennis, *Corethrura guatemalensis*, p. 106; *Aramides axillaris*, p. 107.
1863. NEWMAN, E. Notices of New Books. < *Zoologist*, xxi, 1863, pp. 8537-8554.
 Extended notice of Bates's "The Naturalist on the River Amazons".
1863. PELZELN, A. v. Ueber vier von Natterer in Brasilien gesammelte noch unbeschriebene Vögelarten. < *Verh. k.-k. zool.-bot. Gesellsch. Wien*, xiii, Oct. 10, 1863, pp. 1125-1128.
Syrnium superciliare, p. 1125; *Strix superciliaris*, *Tinamus guttatus*, p. 1126; *T. erythropus*, p. 1127.

1863. PHILIPPI, R. A., and LANDBECK, L. Beiträge zur Fauna von Peru. < *Arch. f. Naturg.*, —, 1863, pp. 118 —.
- Synallaxis striata*; *Chlorospiza erythronota*; *Pitylus albociliaris*; *Sterna lorata*; *S. frobenii*; *S. comata*; *Leistes albiges*; *Recurvirostra andina*; *Dasycephala (Agriornis) albicauda*.—Cf. *Ibis*, 1864, pp. 120, 121. (Seen, but transcript defective; volume missing from set when wanted for revision.)
1863. SALVIN, O. [Letter on his operations in Guatemala; suggests name of sancti jeromæ for a perhaps new *Panyptila*.] < *Ibis*, v, 1863, p. 239.
1863. SALVIN, O. Descriptions of Thirteen New Species of Birds discovered in Central America by Frederick Godman and Osbert Salvin. < *P. Z. S.*, xxxi, 1863, pp. 186–192, pll. (Aves) xxiii, xxiv, woodc.
- Thryothorus petenicus*, *Dendroica niveiventris* (pl. xxiv, f. 2), p. 187; *Cardellina versicolor* (pl. xxiv, f. 1), *Vireo pallens*, *V. ochraceus*, *V. semiflavus*, p. 188; *Petrochelidon littorea*, *Spizella pinetorum*, *Ammodromus petenicus*, *Junco alticola*, p. 189; *Chrysomitris atriceps*, *Elanenia arenarum*, *Panyptila sancti hieronymi* (pl. xxiii), p. 190 (cf. *Ibis*, 1863, p. 239).
- 1863–64. MARCH, W. T. Notes on the Birds of Jamaica. With Remarks by S. F. Baird. < *Proc. Acad. Nat. Sci. Phila.*, xv, 1863, pp. 150–154, 283–304; xvi, 1864, pp. 62–72.
- An extended commentary on the habits, etc., of numerous species, with some technic by S. F. Baird. *Mimus hillii*, p. 291, sp. n. Cf. *Ibis*, 1864, p. 404.
1864. BATES, H. W. The | Naturalist on the River | Amazons. | A record of adventures, habits of animals, sketches of | Brazilian and Indian Life, and aspects of nature under | the Equator, during eleven years of travel. | By Henry Walter Bates. | [Cut.] | Pelopæus Wasp building nest. | Second Edition. | With map and illustrations. | London: | John Murray, Albemarle street. | 1864. | [The Right of Translation is reserved.] | 1 vol. 16mo. pp. iii–xii, 1–466, map, pll., and cuts (40 illusts. in all).
- Orig. ed. 1863, q. v. This work is pleasantly ornithological here and there throughout, and includes figures of several birds. Chap. XII, pp. 388–426, Animals of the neighbourhood of Ega. Birds, pp. 402–412; especially full on *Rhamphastidæ*.
1864. CASSIN, J. Notes on some Species of Birds from South America. < *Proc. Acad. Nat. Sci. Phila.*, xvi, 1864, pp. 286–288, pll. i–iv.
- Critical; 7 spp.—Pl. I, f. 1, *Oalkiste lavinice*; f. 2, *C. hannahice*, sp. n., p. 287. Pl. II, *Orthogonys olivaceus*. Pl. III, *Pittasoma michleri*. Pl. IV, *Monasa pallescens*.
1864. LANDBECK, L. Contribuciones a la Ornitología de Chile. < *Anales de la Universidad de Chile*, tom. xxiv, No. 4, April, 1864, pp. 336–348.
- The original Spanish version of the paper by the author and Dr. Philippi in the *Archiv für Naturgeschichte*, 1864; (1), pp. 41–54 (cf. *Zool. Rec.*, ii, p. 81), and of the paper in the same periodical, 1864, (1), pp. 55–62, by the author alone (cf. *Zool. Rec.*, ii, p. 80).—*Dendroica atricapilla* Ldb., p. 336; *Arundinicola citreola* Ldb., p. 338; *Chlorospiza plumbea* Ph. & L., p. 341; *Sycalis aureiventris* Ph. & L., p. 342, spp. nn. Sobre los Azores chilenos, p. 345; *Accipiter chilensis* Ph. & L., p. 346, sp. n.
1864. LANDBECK, L. Beiträge zur Ornithologie Chiles. < *Arch. f. Naturg.*, 1864, (1), pp. 55–62. (Cf. *Arch. f. Nat.*, (1), 1864, pp. 41–54; 1865, pp. 56–106; 1866, pp. 121–132.)
- Dendroica atricapilla*, p. 56; *Arundinicola citreola*, p. 58.
1864. LAWRENCE, G. N. Descriptions of New Species of Birds [of Central and South America] of the Families Tanagridæ, Cuculidæ, and Trochilidæ, with a Note on Panterpe insignis. < *Ann. Lyc. Nat. Hist. New York*, viii, 1864, pp. 41–46.
- Saltator fulviventeris*, p. 41; *Tachyphonus tibialis*, p. 41; *T. napensis*, p. 42; *Coccyzus julieni*, p. 42; *Urochroa leucura*, p. 43; *Urosticte ruficrissa*, p. 44; *Ramphomicron olivaceus*, p. 44.
1864. LAWRENCE, G. N. Catalogue of Birds collected at the Island of Sombrero, W. I., with Observations by A. A. Julien. < *Ann. Lyc. Nat. Hist. New York*, viii, 1864, pp. 92–106.
- 34 spp., of which only 12 are land-birds; among them are *Vireosylvia atripennis* and *Coccyzus julieni*; collector's field-notes; *Vireosylvia virginialis*, sp. n. prob., p. 97.

1864. LAWRENCE, G. N. Descriptions of New Species of Birds of the Families Caerulidae, Tanagridae, Icteridae, and Scolopaciidae. < *Proc. Acad. Nat. Sci. Phila.*, xvi, 1864, pp. 106-108.

Dacnis ultramarina, *Saltator intermedius*, p. 106; *Cassicus vitellinus*, *Ereunetes occidentalis*, p. 107; all but the last from Isthmus of Panama, the *Ereunetes* being from North America.

1864. PHILIPPI, R. A., and LANDBECK, L. Contribuciones a la ornitología de Chile. < *Anales Univ. Chile*, xxv, Set. de 1864, pp. 408-439.

1. *Pteroptochus castaneus*, sp. n., p. 408.—2. De las Alondras Chilenas, pp. 409-418. *Certhi-
lauda frolepi*, p. 411; *C. isabellina*, p. 412; *Geobamon fasciatus*, p. 415, spp. nn.—3. De las
Muscisaxicolae Sud-Americanas, pp. 418-439. *Muscisaxicola cinerea*, p. 422; *M. rubricapilla*,
p. 429; *M. flavivertex*, p. 434; *M. nigrifrons*, p. 436, spp. nn.—This paper reappears in *Arch.
f. Naturg.*, 1865, q. v.

1864. PHILIPPI, R. A., and LANDBECK, L. Beiträge zur Ornithologie Chiles. < *Arch.
f. Naturg.*, 1864, (1), pp. 41-54. (Cf. *Arch. f. Nat.*, (1), 1864, pp. 55-62; 1865,
pp. 56-106; 1866, pp. 121-132.)

Accipiter chilensis, p. 43; *Chlorospiza plumbea*, p. 47; *Sycalis auriventris*, p. 49.

1864. SALVIN, O. A Fortnight amongst the Sea-birds of British Honduras. < *Ibis*,
vi, 1864, pp. 372-387.

Treating of numerous spp. in form of continuous narrative.

1864. SALVIN, O. Descriptions of Seventeen New Species of Birds from Costa Rica.
< *P. Z. S.*, xxxii, 1864, pp. 579-586, pll. xxxv-xxxvi.

Catharus gracilirostris, *Thryothorus albogularis*, *T. thoracicus*, *Myiadestes melanops* (pl.
xxxv), p. 580; *Lanio leucothorax*, *Chlorospingus pileatus*, p. 581; *Embernagra superciliosa*,
Myrmeciza laemosticta, *Grallaria dives*, p. 582; *Myiobius capitalis*, *Piprites griseiceps*, *Carpod-
edectes* (g. n.) *nitidus* (pl. xxxvi), p. 583; *Oreopyra hemileuca*, *O. calolæma*, p. 584; *Chalybura*
melanorrhœa, p. 585; *Selasphorus flammula*, *Odontophorus melanotis*, p. 586. The author is
acquainted with about 300 species of Costa Rican birds, about 65 of which have been described
as new, which have not been found beyond the limits of Costa Rica, even in the adjoining
province of Veragua.

1864. SCLATER, P. L. On some Additions to the List of the Birds of the Falkland
Islands. < *P. Z. S.*, xxxii, 1864, p. 73.

Two species, obtained by Captain Packer, are added to the lists previously drawn up by Dr.
Sclater (*P. Z. S.*, 1860, pp. 382-391; 1861, pp. 45-47, q. v.). These are *Egretta leuce* and *Prion
turtur*. The author adds, from the "Ibis" (1861, p. 312), rectifications of the names of two
others, viz: *Nycticorax obscurus* for *N. gardeni*, and *Larus glaucoptis* for *L. roseiventris*.

1864. SCLATER, P. L. Descriptions of Seven New Species of Birds discovered by the
late Dr. John Natterer in Brazil. < *P. Z. S.*, xxxii, 1864, pp. 605-611, pll.
xxxvii-xxxix, woodcc.

Granatellus pelzelni, p. 606, pl. xxxvii, f. 1, with synopsis of 3 spp.; *Tanagra olivina* Natt.,
Spermophila pileata (Natt.), p. 607, with synopsis of 8 spp.; *Poospiza oxyrhyncha* (Natt.), p.
608; *Hypocnemis flavescens* (Natt.), *Pteroptochus thoracicus* (pl. xxxiii), p. 609, woodcc. on p.
610; *Pipra nattereri*, p. 611, pl. xxxix.

1864. SCLATER, P. L., and SALVIN, O. Notes on a Collection of Birds from the
Isthmus of Panama. < *P. Z. S.*, xxxii, 1864, pp. 342-373, pl. xxx.

Two hundred and seventy-two species are included in this list, to which is prefixed a con-
cise notice of previous papers treating of the same subject. Four new species are described,
namely, *Cassidix microrhynchus*, *Myrmeciza immaculata*, *Camptostoma flaviventris*, and
Conurus ocellaris, while of all those enumerated a very full synonymy is given, correcting a
great many former errors. One species, *Eucometis cassini*, is figured.

1864. TAYLOR, E. C. Five Months in the West Indies. < *Ibis*, vi, 1864, pp. 73-97.
157-173.

Part I, pp. 73-97. Trinidad and Venezuela; sketch of region; 141 spp.; *Tyrannus rostratus*
Sci., sp. n. Part II, pp. 157-173, Martinique, Dominica, and Porto Rico; same treatment of
subject; 48 spp.; *Certhiola dominicana*, p. 167; *Pitangus taylori* "Sci.", p. 169, spp. nn. Cf.
Ibis, 1864, p. 405.

1865. CASSIN, J. On some Conirostral Birds from Costa Rica in the Collection of the
Smithsonian Institution. < *Proc. Acad. Nat. Sci. Phila.*, xvii, 1865, pp. 169-172.
22 spp.—*Fringillidae* + *Tanagridae*. *Arremon rufidorsalis*, *Buarremon crassirostris*, p. 170;
Euphonia annex, p. 172, spp. nn.

1865. LAWRENCE, G. N. Descriptions of New Species of Birds [of Central and South America] of the Families Tanagridæ, Dendrocolaptidæ, Formicariidæ, Tyrannidæ, and Trochilidæ. < *Ann. Lyc. Nat. Hist. New York*, viii, 1865, pp. 126-135.
Buarremon ocai, p. 126; *Philydor rufobrunneus*, p. 127; *Anabazenops lineatus*, p. 127; *Margarornis rubiginosa*, *M. guttata*, p. 128; *M. brunneicauda* (proband.), p. 130; *Dysithamnus striaticeps*, p. 130; *D. rufiventris*, p. 131; *Myrmotherula albigula*, p. 131; *Myrmeciza stictoptera*, p. 132; *Empidonax flavescens*, p. 133; *Contopus lugubris*, *Eupherusa niveicauda*, p. 134.
1865. LAWRENCE, G. N. Descriptions of Six New Species of Birds from Central America. < *Ann. Lyc. Nat. Hist. New York*, viii, 1865, pp. 171-174.
Spermophila hicksi, *S. badiiventris*, *S. fortipes*, *Formicivora schisticolor*, *Elainea frantzii*, and *Mitrephorus aurantiventris*.
1865. LAWRENCE, G. N. List of Birds from near David, Chiriqui, New Grenada, collected for the Smithsonian Institution, Washington, by Mr. Fred. Hicks, with Descriptions of New Species. < *Ann. Lyc. Nat. Hist. New York*, viii, 1865, pp. 174-178.
Spermophila collaris, p. 176; *Elainea chiriquensis*, p. 176; *E. semiflava*, p. 177, spp. nn.—39 spp.
1865. LAWRENCE, G. N. Catalogue of a Collection of Birds in the Museum of the Smithsonian Institution, made by Mr. H. E. Holland at Greytown, Nicaragua, with Descriptions of New Species. < *Ann. Lyc. Nat. Hist. New York*, viii, 1865, pp. 178-184.
Thryothorus brunneus, p. 178; *Synallaxis nigrifumosa*, p. 180; *Thamnophilus hollandi*, p. 180, spp. nn. 61 spp.
1865. LAWRENCE, G. N. Descriptions of new species of Birds of the Families Paridæ, Vireonidæ, Tyrannidæ, and Trochilidæ, with a note on *Myiarchus Panamensis*. < *Proc. Acad. Nat. Sci. Phila.*, xvii, 1865, pp. 37-39.
Poliophtila plumbeiceps, *Hylophilus acuticaudus*, p. 37; *Myiarchus venezuelensis*, *Chalybura aeneicauda*, p. 38; *C. carnioli*, *Panychlora parvirostris*, p. 39—the last two from Costa Rica, the others from Venezuela.
1865. LAWRENCE, G. N. Descriptions of four new Species of Birds from the Isthmus of Panama, New Grenada. < *Proc. Acad. Nat. Sci. Phila.*, xvii, 1865, pp. 106-108.
Tachyphonus rubrifrons, *Anthus (Noticorys) parvus*, p. 106; *Thamnophilus nigricristatus*, p. 107; *Geotrygon albiventer*, p. 108.
1865. LEYBOLD, F. Cuatro especies nuevas de pájaros, descubiertos en la pendiente oriental de la cordillera que separa a la provincia de Santiago de la de Mendoza. < *Anales Univ. Chile*, tomo xxvi, Junio de 1865, pp. 712-718.
Synallaxis crissirostris Landb., p. 713; *Myarchus* (sic) *fasciatus* Landb., p. 714; *Sporophila* (sic) *rufirostri* (sic) [lege *Sporophila rufirostris*] Landb., p. 716; *Phrygilus ornatus* Landb., p. 717.
1865. PHILIPPI, R. A., and LANDBECK, L. Beiträge zur Ornithologie von Chile. < *Arch. für Naturg.*, 1865, (1), pp. 56-106. (Vergl. *Arch.*, 1864, (1), pp. 41-54, 55-62; 1866, pp. 121-132.)
 Enthaltend: *Pteroptochos castaneus*, p. 56; Die Lerchen Chiles, pp. 58-73; *Certhilauda cunicularia* Lafr., *C. frobeni*, p. 62; *C. isabellina*, p. 63; *Geobamon fasciata*, p. 68; *Certhilauda nigrofasciata*. Monographie der südamerikanischen Muscivoxicolinen, pp. 74-106; *M. albifrons*, *M. cinerea*, p. 80; *M. maculirostris*, *M. mentalis*, *M. rubricapilla*, p. 90; *M. rufiventris*, *M. flavivertex*, p. 98; *M. nigrifrons*, p. 101; *M. striaticeps*, *M. frontalis*, *M. capistrata*; *M. brunnea*, *M. flavinucha*, *M. albiflora*, *M. albimentum*—15 Arten.—Cf. Cab., *J. f. O.*, 1860, p. 240, note; *Sci.*, *Ibis*, 1865, p. 59.
 This paper continues one of similar title by Landbeck in same *Archiv*, 1864, pp. 55-62, *q. v.*; which latter continues one by Philippi and Landbeck, in same *Archiv*, 1864, pp. 41-54, *q. v.*; both these papers of 1864 also appearing in Spanish in *Anal. Univ. Chile*, xxiv, 1864, pp. 336-348, *q. v.*, under LANDBECK, L. It is continued in same *Archiv*, 1866, pp. 121-132, *q. v.*
 The original Spanish version of this paper is in *Anales Univ. Chile*, xxv, 1864, pp. 408-439.
1865. SALVIN, O. The Sea-birds and Waders of the Pacific Coast of Guatemala. < *Ibis*, 2d ser., i, 1865, pp. 187-199.
 Narrative; running commentary on numerous spp.

- 1865-66. GUNDLACH, J. Revista y Catálogo de las Aves Cubanas. < *Poey's Repertorio Físico-Nat. Isla Cuba*, tomo i, 1865-66, pp. 165-180 (entrega 7, Octubre 1865), 221-242 (ent. 8, 9, Noviembre, Diciembre, 1865), 281-302 (entregas 10, 11, Enero, Febrero, 1866), 347-363 (ent. 12, 13, Abril, Junio, 1866), 384-403 (ent. 14, Agosto 1866); Índice de las Aves Cubanas, pp. 414, 415.

Hasta ahora se conocen 257 especies en estado silvestre en esta isla; 119 especies que también pertenecen á la América Setentrional; á la América Meridional, 8; á las dos Américas, 55; á la América Setentrional y á la Europa, 8; á las dos Américas y á la Europa, 9; otras Antillas, 18; no en otras tierras, 40 (lámina de la distribución geográfica á la página 168).

La clasificación es la que se ha usado en el catálogo publicado por el autor en *J. f. O.*, Jahrg. ix, Nr. 53, 1861, SS. 321-349.

Apendice, pp. 396-402. Catálogo de las Aves introducidas, 4 esp. Cat. de las Aves observadas en el campo, pero probablemente huidas de jaulas, 6 esp. Cat. de las Aves indicadas como pertenecientes á la Ornitol. cubana, pero equivocadas con otras que en efecto se encuentran, 87 esp. Cat. de las Aves indicadas como pertenecientes á la Orn. Cub., pero indudablemente por error, 30 esp. Correcciones de erratas esenciales, p. 403.

Sketch of general character of the avifauna; table of geographical distribution of species. Of 257 species found feral in the island, 40 are peculiar to it, and 119, or more than half the remainder, are common to North America, 8 to South America. Extracts from a letter of Dr. Gundlach relating to Cuban ornithology are also printed in *Journ. f. Orn.*, 1866, pp. 352-354. Cf. *Ibis*, 1867, pp. 377, 378.

1866. BAIRD, S. F. [On dates of original publication of various spp. nn. of Philippi and Landbeck's as between *Anales Univ. Chile* and *Arch. f. Naturg.*] < *Ibis*, 2d ser., ii, 1866, pp. 424, 425.

1866. BENVENUTI, E. Descrizione di quattro nuove specie della famiglia dei Trochilidi provenienti della Nuova Granata e di una nuova specie di Dendroica del Brasile con l'aggiunta di una nota riguardante la Fauna Toscana. < *Annali R. Mus. di Fisica e Storia Nat. di Firenze per il 1865*, nuova serie, i, 1866, pp. 197-209.

Polytmus (Campylopterus) ceciliae, p. 202; *Mellisuga (Panaphtes) judith*, p. 203; *M. (Cyanthus) salvadorii*, p. 204; *M. (Eriocnemis) ridolfi*, p. 205; *Dendroica picciolii*, p. 207.

1866. BRYANT, H. H. Bryant, Vögel von Porto Rico. < *J. f. O.*, xiv, 1866, pp. 181-191. From *Proc. Bost. Soc. N. H.*, Jan., 1866, pp. 248-257.

1866. BRYANT, H. A List of Birds from Porto Rico presented to the Smithsonian Institution, by Messrs. Robert Swift and George Latimer, with descriptions of new Species or Varieties. < *Proc. Bost. Soc. Nat. Hist.*, x, Jan., 1866, pp. 248-257.

41 spp.—*Tyrannus antillarum*, p. 249; *Todus hypochondriacus*, p. 250; *Mimus polyglottus* var. *portoricensis*, p. 251; *Certhiola flaveola* var. *portoricensis*, *Vireo latimeri* (descr. nulla), *Spindalis portoricensis*, p. 252; *Fringilla zena* var. *portoricensis*, *Icterus dominicensis* var. *portoricensis*, p. 254; *Saurothera vieillotii* var. *rufescens*, p. 256. Cf. *Ibis*, 1867, pp. 129, 130.

1866. GUNDLACH, J. Briefliches von Cuba. < *J. f. O.*, xiv, 1866, pp. 352-354. Desultory remarks on a few species.

1866. GUYON, —. Des animaux disparus de la Martinique et de la Guadeloupe depuis notre établissement dans ces îles. < *Comptes Rendus de l'Acad. Sci. Paris*, lxiii, 8 Oct. 1866, pp. 589-593. Not seen: title from *Zool. Rec.*

1866. LAWRENCE, G. N. Characters of Seven New Species of Birds from Central and South America, with a Note on *Thaumatias chionurus*. < *Ann. Lyc. Nat. Hist. New York*, viii, 1866, pp. 344-350.

Campylorhynchus brevipennis, p. 344; *Automolus rufescens*, p. 345; *Grallaria gigantea*, p. 345; *Grallaricula costaricensis*, p. 346; *Phaethornis cassinii*, p. 347; *Eupherusa cupreiceps*, p. 348; *Geotrygon veraguensis*, p. 349.

1866. LAWRENCE, G. N. Descriptions of Six New Species of Birds of the Families Hirundinidæ, Formicariidæ, Tyrannidæ, and Trochilidæ. < *Ann. Lyc. Nat. Hist. New York*, viii, 1866, pp. 400-405.

Hirundo equitorialis, p. 400 (Ecuador); *Thamnophilus leucopygus*, p. 401 (Panama); *Empidonax pectoralis*, p. 402 (Panama); *Heliodoxa henryi*, p. 402 (Costa Rica); *Thaumatias viridicaudus*, p. 404 (Buenaventura); *Amazilia (Pyrrophaena) graysoni*, p. 404 (Tres Marias Islands).

1866. LÉOTAUD, A. Oiseaux | de | L'Ile de la Trinidad, | (Antilles), | par A. Léotaud, | Docteur en Médecine de la Faculté de Paris; membre correspondant de la | Société de Médecine de Gand. — | Ouvrage publié par souscription nationale | — | Port d'Espagne: | Chronicle Publishing Office. — | 1866. 1 vol. 8vo. 2 p. ll., pp. i-xx, 1 l., 1-560, 1 l., i-viii, i-iv.

A systematic treatise on 294 + 3 species, with synonymy, description, and general remark. Geographical categories are given at pp. ix-xiii. *Cymindis pucherani*, p. 40; *Dendrocolaptes altirostris*, p. 166; *Empidonax cabanisi*, p. 232; *Tachyphonus albispectus*, p. 303, spp. nn.

The author appears to have labored under the usual disadvantages of those who work away from centres of learning, and his work has a somewhat amateurish air; but it is most creditable to him, considering what difficulties he had to contend with, and becomes a standard work on the special subject.

"L'ornithologie de la Trinidad frappe tout d'abord par le grand nombre d'espèces, 294 [297] qui la composent; . . ."

"Ce qui frappe ensuite dans l'ornithologie de la Trinidad c'est qu'elle relève presque entièrement de l'Amérique Méridionale. En effet en jetant un coup d'œil sur les tableaux qui précèdent, . . . on ne trouve pour total que 95 espèces communes à l'une ou à plusieurs des localités désignées dans ces tableaux. Il reste donc déjà, par ce seul fait, 199 espèces propres exclusivement à la Trinidad et par conséquent à l'Amérique Méridionale. . . . Il en resterait 274 propres à la Trinidad et à l'Amérique du Sud.

"Un troisième fait non moins intéressant ressort de la limite qu'atteignent, dans les Antilles, les oiseaux migrateurs partis soit du Sud soit du Nord."

Cf. especially *Ibis*, 1867, pp. 104-108, for critique on the work.

1866. LEYBOLD, F. Beschreibung von vier neuen Vogelarten aus der Argentinischen Provinz Mendoza. <*J. f. O.*, xiii, 1865, pp. 401-406. (Pub. 1866.)

Synallaxis crassirostris, p. 401; *Myiarchus fasciatus*, p. 402; *Sporophila rufirostris*, p. 404; *Phrygilus ornatus*, p. 405. Described by Herr L. Landbeck. See 1865, LEYBOLD, F.

1866. PHILIPPI, R. A., and LANDBECK, L. Beiträge zur Fauna Chiles. <*Arch. f. Naturg.*, 1866, (1), pp. 121-132.

Pterotochos castaneus, p. 121; *Sterna luctuosa*, sp. n., p. 126; *Synallaxis masafueræ* (sic—lege *masafueræ*), sp. n., p. 127; *Numenius microrhynchus*, sp. n., p. 129.

This concludes a series of papers by one of, or both, these authors, of same or similar title, in same *Archiv*, 1864, pp. 41-54, 55-64; 1865, pp. 56-106.

1866. SALVIN, O. A further Contribution to the Ornithology of Guatemala. <*Ibis*, 2d ser., ii, 1866, pp. 188-206.

81 spp., briefly annotated. The paper continues under a subheading "Corrections to the former Papers on the Ornithology of Central Guatemala"—which must not be overlooked in using them. The papers referred to are in *Ibis*, i, 1859; ii, 1860; iii, 1861. *Chamaeopiza torquata* S. & S., *Ibis*, 1860, 274, is *Pyrgisoma leucote*.

1866. SALVIN, O. Descriptions of Eight New Species of Birds from Veragua. <*P. Z. S.*, xxxiv, 1866, pp. 67-76, pl. vii, viii.

Catharus griseiceps, p. 68, with synopsis of 10 spp.; *Microcerculus lusciniæ*, p. 69, with synopsis of 5 spp.; *Euphonia rufivertex*, p. 71, pl. vii; *Buarremon mesoxanthus*, *Philydor fuscipennis*, *Dysithamnus puncticeps*, p. 72; *Formicarius rufipectus*, p. 73, pl. viii, with synopsis of 7 spp.; *Trogon clathratus*, p. 75.

1866. SCLATER, P. L. On the Birds of the Vicinity of Lima, Peru. With Notes on their habits; by Prof. W. Nation, of Lima, C. M. Z. S. [Part I.] <*P. Z. S.*, xxxiv, 1866, pp. 96-100, pl. xi.

23 spp.—*Geositta crassirostris*, p. 98; *Myiobius nelsoni*, p. 99, pl. xi, f. 1, spp. nn. The other figure of the same plate represents *M. pulcher*.—Continued, *P. Z. S.*, 1867, pp. 340-344.

1866. SCLATER, P. L., and SALVIN, O. Catalogue of Birds collected by Mr. E. Bartlett on the River Ucayali, Eastern Peru, with Notes and Descriptions. <*P. Z. S.*, xxxiv, 1866, pp. 175-201, pl. xviii.

The collection contained about 700 specimens, of 252 spp.—*Leucippus chlorocercus* "Gould", p. 194; *Thaumatias bartletti* Gould, p. 194; *Hypocnemis melanura*, p. 186; *H. hemileuca*, p. 187; *Synallaxis terricolor*, p. 183; *S. vulpecula*, p. 184; *Metopothrix* (g. n.) *aurantiacus*, p. 190, pl. xviii; *Serpophaga hypoleuca*, p. 188; *Spermophila ocellata*, p. 181; *Muscisaxicola fluviatilis*, p. 187; *Furnarius torridus*, p. 183, spp. nn.

1866. SCLATER, P. L., and SALVIN, O. On some Additions to the Catalogue of Birds collected by Mr. E. Bartlett on the River Ucayali. <*P. Z. S.*, xxxiv, 1866, pp. 566, 567.

20 species in addition to those of the former list are noticed; none new.

1866-69. SCLATER, P. L., and SALVIN, O. Exotic Ornithology, | containing | Figures and Descriptions of New or Rare Species | of | American Birds, | by | Philip Lutley Sclater, M. A., Ph. D., F. R. S., | Secretary to the Zoological Society of London, | late Fellow of Corpus Christi College, Oxford; | and | Osbert Salvin, M. A., F. L. S., F. Z. S. | — | London: | Bernard Quaritch, 15 Piccadilly. | [1866 to] 1869. 1 vol. Folio. pp. i-vi, 1-204, pll. i-c. (Published in 13 parts.)

Exact dates of publication are:—Part I, pll. i-viii, Oct. 1, 1866. II, pll. ix-xvi, Feb. 1, 1867. III, pll. xvii-xxiv, May 1, 1867. IV, pll. xxv-xxxii, Aug. 1, 1867. V, pll. xxxiii-xl, Jan. 1, 1868. VI, pll. xli-xlviii, Apr. 1, 1868. VII, pll. xlix-lvi, July 1, 1868. VIII, pll. lvii-lxiv, Aug. 1, 1868. IX, pll. lxxv-lxxii, Dec. 1, 1868. X, pll. lxxiii-lxxx, Jan. 1, 1869. XI, pll. lxxxi-lxxxviii, June 1, 1869. XII, pll. lxxxix-xcvi, Aug. 1, 1869. XIII, pll. xcvi-c, Nov. 1, 1869. The last part contains permanent title, preface, contents, and errata (pp. i-vi), and index (pp. 201-204). The temporary cover-title is a little different from the permanent one.

Cf. *Ibis*, 1867, pp. 123, 372; 1868, pp. 335-337; 1869, pp. 109, 110; 1870, 262-264; *Zool. Rec.*, iii, p. 48; iv, p. 51; v, p. 38; vi, p. 60.

The plates are all by Mr. Smit; they are very beautiful. The whole number of species figured is 104, referred to 51 genera. In most cases, a systematic list of the other American species of the same genus is appended to the final illustration of each, thereby enlarging the scope and greatly increasing the value of the work. Each of the species is systematically treated with synonymy, diagnosis, and critical and biographical matter. The authors are the highest authorities in neotropical ornithology, and this work is a monument of erudition, industry, and artistic excellence.

Pl. 1, *Lipaugus unirufus*. Pl. 2, *L. subalaris*. Pl. 3, *L. rufescens*. Pl. 4, *Furnarius torridus*. Pl. 5, *Xipholena atropurpurea*. Pl. 6, *Ptilogonys caudatus*. Pl. 7, *Vireolanus melitophrys*. Pl. 8, *V. pulchellus*.—Pl. 9, *Phlogopsis macleannani*. Pl. 10, *Cincotheria ruficauda*. Pl. 11, *C. macrorhyncha*. Pl. 12, *C. gutturalis*. Pl. 13, *Accipiter ventralis*. Pl. 14, *A. chionogaster*. Pl. 15, *Rupicola sanguinolenta*. Pl. 16, *Porzana rubra*.—Pl. 17, *Accipiter erythrocnemis*. Pl. 18, *A. castanilius*. Pl. 19, *Cichlopsis leucogonyx*. Pl. 20, *Nyctibius bracteatus*. Pl. 21, *Cyphorhinus lawrencii*. Pl. 22, *C. phaeocephalus*. Pl. 23, f. 1, *Thryothorus solstitialis*; f. 2, *T. brunneicollis*. Pl. 24, *Icterus pustulatus*.—Pl. 25, *Myiadestes obscurus*. Pl. 26, *M. unicolor*. Pl. 27, *M. ralloides*. Pl. 28, *M. elizabethæ*. Pl. 29, *Hylactes castaneus*. Pl. 30, *Oedienemus superciliosus*. Pl. 31, *Lanio aurantius*. Pl. 32, *L. leucothorax*. Pl. 33, *Tachyphonus phoeniceus*. Pl. 34, *T. delatryi*. Pl. 35, *Xiphocolaptes emigrans*. Pl. 36, *X. major*. Pl. 37, *Accipiter chilensis*.—Pl. 38, *Leucopternis superciliosus*. Pl. 39, *Geotrygon "chiriquensis"* (= *albifacies*, see *Exot. Ornith.*, viii, 1868, p. 123). Pl. 40, *G. bourcierii*.—Pl. 41, f. 1, *Chlorophonia frontalis*; f. 2, *C. longipennis*. Pl. 42, *C. occipitalis*. Pl. 43, *Melanotis hypoleucus*. Pl. 44, *Tinamus robustus*. Pl. 45, *Crypturus salice* (lege *salliei*). Pl. 46, *O. boucardi*. Pl. 47, *C. meserythrus*. Pl. 48, *Tigrisoma cabanisi*.—Pl. 49, *Leucopternis palliata*. Pl. 50, *Scops flammeola*. Pl. 51, *S. barbarus*. Pl. 52, *Chaetura semicollaris*. Pl. 53, *Porzana huxwelli*. Pl. 54, *P. melanophæa*. Pl. 55, *P. albigularis*. Pl. 56, *P. leucopyrrha*.—Pl. 57, *Fulica ardesiaca*. Pl. 58, *F. armillata*. Pl. 59, *F. leucopyga*. Pl. 60, *F. leucoptera*. Pl. 61, *Leucopternis semiplumbea*. Pl. 62, *Geotrygon chiriquensis* (verus; vide supra). Pl. 63, *Cardinalis phoeniceus*. Pl. 64, f. 1, *Pyrgisoma rubricatum*; f. 2, *P. leucote*.—Pl. 65, f. 1, *P. cabanisi*; f. 2, *P. kieneri*. Pl. 66, *Ozyrhamphus frater*. Pl. 67, *Thyrorkina schomburgki*. Pl. 68, *Chlorophonia calophrys*. Pl. 69, *Accipiter bicolor*. Pl. 70, *Turdus gigas*. Pl. 71, *T. albicollis*. Pl. 72, *T. leucomelas*.—Pl. 73, *T. crotopezus*. Pl. 74, *T. albiventris*. Pl. 75, *T. phaeopygus*. Pl. 76, *T. gymnophthalmus*. Pl. 77, *Bucco striolatus*. Pl. 78, *Porzana castaneiceps*. Pl. 79, *Attagis chimboraensis*. Pl. 80, *Formicivora strigilata*.—Pl. 81, *Conurus hoffmanni*. Pl. 82, *Rallus antarcticus*. Pl. 83, *R. semiplumbeus*. Pl. 84, *Pitylus humeralis*. Pl. 85, *Accipiter guttatus*. Pl. 86, *Ampelis arcuatus*. Pl. 87, *Asturina nattereri*. Pl. 88, *A. ruficauda*.—Pl. 89, *A. pucherani*. Pl. 90, *A. plagiata*. Pl. 91, *Botaurus pennatus*. Pl. 92, *Tigrisoma fasciatum*. Pl. 93, *Thripadectes flammulatus*. Pl. 94, *Icterus abeillei*. Pl. 95, *Centropus micropterus*. Pl. 96, *Centrites oreas*.—Pl. 97, *Gallinago imperialis*. Pl. 98, *G. nobilis*. Pl. 99, *Querquedula puna*. Pl. 100, *Merganetta turneri*.

1867. BRYANT, H. A List of the Birds of St. Domingo, with Descriptions of some New Species or Varieties. < *Proc. Boston Soc. Nat. Hist.* for Dec. 5, 1866, xi, pub. 1867, pp. 89-98.

79 spp., in part annotated. *Tyrannula stolidus* var. *dominicensis*, p. 90; *T. caribæa* var. *hispaniolensis*, *Mimus polyglottus* var. *dominicus*, *Chrysomitris dominicensis*, p. 93, fig. p. 94, spp. nn. *Kalochelidon*, p. 95, gen. n. Cf. *Ibis*, 1868, p. 229.

1867. LAWRENCE, G. N. Descriptions of New Species of American Birds. < *Ann. Lyc. Nat. Hist. New York*, viii, 1867, pp. 466-482.

Euphonia purpurea, p. 466; *Buarremon flavovirens*, p. 467; *Ptytilus* (*Caryothraustes*) *humeralis*, p. 467; *Philydor virgatus*, p. 468; *Thamnophilus tenuifasciatus*, p. 468; *Thamnophilus nigres.*

1867. LAWRENCE, G. N.—Continued.

cens, p. 469; *Myiodynastes superciliaris*, p. 470; *Aglaeactis olivaceocauda*, p. 470; *Helimaster spectabilis*, p. 472; *Passerculus guttatus*, p. 473; *Zonotrichia melanotis*, p. 473; *Otorniculus mexicanus*, p. 474; *Hadrostomus albiventris*, p. 475; *Ortyx graysoni*, p. 476; *Saltator plumbeiceps* Bd. MS., p. 477; *Pheucticus tibialis* Bd. MS., p. 478; *Spermophila atriceps* Bd. MS., p. 479; *Pyrgisoma xantusi* Bd. MS., p. 480; *Dendroornis mentalis* Bd. MS., p. 481. Cf. *Ibis*, 1868, pp. 114, 115.

1867. LAWRENCE, G. N. Notes on certain Birds from New Grenada, with descriptions of New Species. < *Proc. Acad. Nat. Sci. Phila.*, xix, 1867, pp. 94, 95.

Tachyphonus propinquus, *Phænicothraupis vinacea*, *Leptoptila cassini*, p. 94, spp. nn. Cf. *Ibis*, 1868, p. 230.

1867. LAWRENCE, G. N. Descriptions of Five New Species of Central American Birds. < *Proc. Acad. Nat. Sci. Phila.*, xix, 1867, pp. 232-234.

Glaucis æneus, *Eupherusa nigriventris*, p. 232; *Thaumatias luciae*, *Dromococcyx rufigularis*, p. 233; *Aramides albiventris*, p. 234. Cf. *Ibis*, 1868, pp. 114 and 485.

1867. PHILIPPI, R. A. Comentario crítico sobre los animales descritos por Molina. < *Anales Univ. Chile*, xxix, Oct., 1867, pp. 775-802.

"Vienen ahora las 'aves'", pp. 788-795, Nos. 104-170.

1867. SALVIN, O. On some Collections of Birds from Veragua. < *P. Z. S.*, xxxv, 1867, pp. 129-161, pl. (Aves) xiv.

220 spp., less 4. Avifaunal characters of the region. Pl. xiv, *Suarremon crassirostris*.—*Chamaepetes unicolor*, p. 159; *Odontophorus leucolaemus*, p. 161, spp. nn.

1867. SCLATER, P. L. Remarks on Dr. Léotaud's 'Birds of Trinidad.' < *Ibis*, 2d ser., iii, 1867, pp. 104-108.

Criticism of the work as a whole, and of names of various species in particular.

1867. SCLATER, P. L. [Extracts from letters received from Mr. E. Bartlett, relating to Peruvian Birds.] < *P. Z. S.*, xxxv, 1867, p. 2.1867. SCLATER, P. L. Notes on the Birds of Chili. < *P. Z. S.*, xxxv, 1867, pp. 319-340.

Abstract of bibliography. Running commentary on the birds, under heads of the several families; nominal list of 209 species. The article is the most complete summary of the subject extant. It has special reference to the species described by Philippi and Landbeck. Cf. *Naumannia*, 1853, pp. 207-222; *Zool. Rec.*, ii, pp. 80, 81, and iii, p. 64.

1867. SCLATER, P. L. On the Birds of the Vicinity of Lima, Peru. With Notes on their Habits; by Prof. Nation, of Lima.—(Part II.) < *P. Z. S.*, xxxv, 1867, pp. 340-344, pll. xx, xxi.

Continued from *P. Z. S.*, 1866, p. 100.—12 spp.—*Poospiza bonapartii*, p. 341, pl. xx; *Porzana erythrope*, p. 343, pl. xxi, spp. nn.—Continued, *P. Z. S.*, 1869, pp. 146-148.

1867. SCLATER, P. L., and SALVIN, O. List of Birds collected on the Blewfields River, Mosquito Coast, by Mr. Henry Wickham. < *P. Z. S.*, xxxv, 1867, pp. 278-280. 39 spp.; none new.1867. SCLATER, P. L., and SALVIN, O. List of Birds collected by Mr. Wallace on the Lower Amazons and Rio Negro. < *P. Z. S.*, xxxv, 1867, pp. 566-596, pll. xxix, xxx.

282 spp., annotated; with several synopses of different groups, and summary comparisons of local faunas. *Hylophilus rubrifrons*, p. 569, pl. xxx, f. 1; *H. semicinerus*, p. 570, pl. xxx, f. 2; *Heteropelma wallacii*, p. 579. Pl. xxix is *Turdus phaeopygus*.

1867. SCLATER, P. L., and SALVIN, O. Catalogue of Birds collected by Mr. E. Bartlett on the River Huallaga, Eastern Peru, with Notes and Descriptions of New Species. < *P. Z. S.*, xxxv, 1867, pp. 743-759, pl. xxxiv.

Tabular list of 205 spp., followed by critical commentary on many of them. *Dendrocolaptes radiolatus* Sel. MS., p. 755; *Thamnophilus murinus* Natt. MS., *Myrmotherula cinereiventris* Sel. MS., p. 756; *Chætura brachycerca* (pl. xxxiv), *Celeus citreopygius* Bp. MS., p. 758, spp. nn.

1867. SCLATER, P. L., and SALVIN, O. List of Birds collected at Pebas, Upper Amazon, by Mr. John Hauxwell, with Notes and Descriptions of New Species. < *P. Z. S.*, xxxv, 1867, pp. 977-981, pl. xlv.

135 spp.—*Oryzoborus melas*, p. 979; *Percnostola fortis*, p. 980, pl. xlv, and fig. xylog.; *Tyranniscus gracilipes*, *Porzana fasciata*, p. 981, spp. nn.

1867. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. H. White-ly.—Part I. < *P. Z. S.*, xxxv, 1837, pp. 982-991, pl. xlvii.
58 spp., annotated—Continued, *P. Z. S.*, 1868, pp. 173-178.
- 1867-69. EULER, C. Beiträge zur Naturgeschichte der Vögel Brasiliens. < *J. f. O.*, xv, 1867, pp. 177-193, 217-233, 399-420; xvi, 1868, pp. 182-194; xvii, 1869, pp. 241-255.
Cf. *Zool. Rec.*, 1867, p. 68; 1868, p. 55; 1869, p. 49.
1868. ANON. A strange [apparently fabulous] Bird. < *Zoologist*, 2d ser., iii, 1868, p. 1295.
From a Copiapo (Chili) paper.
1868. BELL, A. S. [Allusions to some of the] Wild-fowl of Jamaica. < *Zoologist*, 2d ser., iii, 1868, p. 1483.
1868. BURMEISTER, H. Contributions to the Ornithology of the Argentine Republic and Adjacent Lands. Part I. < *P. Z. S.*, xxxvi, 1868, pp. 633-636.
Since the publication of the author's "Systematisches Verzeichniss der in den La Plata-Staaten beobachteten Vögelarten" (*Journ. für Orn.*, 1860, pp. 241-268), and his "Reise durch die La-Plata-Staaten" (1861), he lived five years in Buenos Ayres, and, in studying the ornithology of the district, observed some new species, three of which (*Cymindis boliviensis*, p. 633; *Pachyrhamphus albinucha*, p. 635; *Synallaxis sulphurifera*, p. 636) are now described, and notes on 11 others are given.—Title and part of the comment from *Zool. Rec.*
1868. COPE, E. D. The Birds of Palestine and Panama compared. < *American Naturalist*, ii, No. 7, Sept., 1838, pp. 351-359.
Founded on the researches of Messrs. Tristram, Sclater, and Salvin.
1868. CUNNINGHAM, R. O. [Letters on South American Ornithology.] < *Ibis*, 2d ser., iv, 1868, pp. 122-129, 486-495.
His first letter gives a general account of the birds met with on his voyage to Patagonia. His second letter describes briefly the localities visited, mentioning their chief ornithological features. (Another letter follows, *Ibis*, 1869, pp. 232-234.)
1868. GIEBEL, C. Einige neue und wenig bekannte argentinische Vögel. < *Zeitschr. für die gesammten Naturwissenschaften*, 1838, pp. 11-17.
Notes on 4 species, 2 of which, *Furnarius tricolor* "Burm.", p. 11, and *Campylorhynchus pallidus* "Burm.", p. 13, appear to be described as new.—Not seen.
1868. PHILIPPI, R. A. Catálogo de las aves chilenas existentes en el Museo Nacional de Santiago, formado por su director don Rodolfo Armando Philippi. < *Anal. Univ. Chile*, tomo xxxi, nº 2º, Agosto de 1868, pp. 241-335.
Prólogo, p. 241. Catálogo, pp. 242-292, el orden i la nomenclatura adoptada en la obra de Gay; 229 especies; las especies descritas como chilenas que faltan en el Museo con la seña †(89).—Aves chilenas descritas en la obra de Gay que faltan en el Museo ó que deben borrarse, pp. 292-294, 86 esp.—Aves chilenas no descritas en la obra de Gay, pero existentes en el Museo, pp. 295-298, 55 esp.—El cuadro siguientes, pp. 298-319, indica cuales de las aves chilenas se hallan aun en los países limítrofes i otros países, i cuales son peculiares a la República Chilena.—Apendices: I, pp. 319, 320, Lista de algunos pájaros peruanos en el Museo. II, p. 320, Pájaros nuevos mendocinos descritos por Landbeck. III, pp. 320-335, Observaciones críticas sobre algunas especies chilenas mencionadas por diversos autores: 1. Hartl, *Naum.*, p. 220 i siguientes; 2. Beit. zur Zool. gesammelt auf einer Reise um die Welt von Dr. F. I. F. Meyen, vierte Abth.; 3. Burmeister, Reise durch die La Plata-Staaten; 4. Bibra, *Viaje*; 5. T. R. Peale, U. S. Exploring Expedition; 6. Tschudi, Beit. zur geogr. Verbreit. der Meeresvögel u. s. w.; 7. Hombron i Jacquinot; 8. Cassin, U. S. Naval Astron. Exped.; 9. Sclater, Notes on the Birds of Chile, *P. Z. S.*, March 25, 1867, p. 319 i sig.
"Quedarían, pues, solo 193, nuestro catálogo de las especies chilenas existentes en el Museo abraza 229 especies ó si se quiere eliminar . . . siempre 224, i faltan al Museo una docena de aves de alta mar, que conocemos ser chilenas, de modo que el número de las aves chilenas se elevaria a unas 236 o 240."
1868. PHILIPPI, R. A. [Letter relating to certain Birds of Chili.] < *P. Z. S.*, xxxvi, 1868, pp. 531, 532.
Contains a few corrections of previous paper (*P. Z. S.*, 1867, pp. 319, 320, notes), the principal one referring to two species of *Anatidæ*.

1863. SALVADORI, T. Intorno ad alcuni Uccelli di Costa Rica. < *Atti della R. Accad. delle Sci. di Torino*, iv, Dec., 1863, pp. 170-185, pl.
23 spp.; none new. *Urospatha*, g. n., p. 179. The plate represents *Pheucticus tibialis*. Cf. *Zool. Rec.*, iv, p. 107; *Ibis*, 1869, pp. 222, 223.
1863. SCLATER, P. L. [Report on Lecompte's Expedition to the Falkland Islands.] < *P. Z. S.*, 1868, p. 526.
1863. SCLATER, P. L., and SALVIN, O. List of Birds collected in the Straits of Magellan by Dr. Cunningham, with remarks on the Patagonian Avifauna. < *Ibis*, 2d ser., iv, 1868, pp. 183-189.
Briefly bibliographical. List of Patagonian *Passeres* (30 spp.); 61 specimens, referable to 44 spp.—Continued, *Ibis*, 1869, pp. 283-286.
1863. SCLATER, P. L., and SALVIN, O. Descriptions of New Species of Birds of the Families Dendrocolaptidae, Strigidae, and Columbidae. < *P. Z. S.*, xxxvi, 1868, pp. 53-60, pl. v, woodc.
Dendrocinccla ruficeps, p. 54; *Dendrocolaptes puncticolis*, p. 54, pl. v, woodc.; synopses of these genera; *Syrnium fulvescens*, p. 58; *Scops barbarus*, p. 56, woodc.; synopsis of 7 spp. of *Scops*; *Leptoptila plumbeiceps*, *L. ceriviventris*, p. 59, with synopsis of 8 spp. of the genus.
1863. SCLATER, P. L., and SALVIN, O. List of Birds collected at Conchitas, Argentine Republic, by Mr. William H. Hudson. < *P. Z. S.*, xxxvi, 1868, pp. 137-146.
96 spp. briefly annotated; 14 additional to those of Burmeister's 'Reise', q. v., 1856.
1863. SCLATER, P. L., and SALVIN, O. On Venezuelan Birds collected by Mr. A. Goering.—Part I. < *P. Z. S.*, xxxvi, 1868, pp. 165-172, pl. xiii, woodc.
126 spp., in tabular form showing geographical distribution, and critical commentary on some of them. *Basileuterus griseiceps*, p. 170, *Euscarthmus impiger*, p. 171, woodc. pl. xiii, f. 1; *Sublegatus* (g. n.) *glaber*, p. 171, pl. xiii, f. 2, woodc., p. 172, spp. nn.
1863. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. H. Whitely. Part II. < *P. Z. S.*, xxxvi, 1868, pp. 173-178, woodc.
¹ Continued from *P. Z. S.*, 1867, pp. 982-991.—A list of a collection made in the Tambo Valley, including 28 spp., none of which are new; but valuable critical notes are appended, and woodcuts of the heads of 2 spp., belonging to *Tanagridæ* (?) and *Rallidæ* (*Fulica chilensis*), are introduced.—Continued, *P. Z. S.*, 1868, pp. 568-570.
1863. SCLATER, P. L., and SALVIN, O. Descriptions of New or Little-known American Birds of the Families Fringillidae, Oxyrhamphidae, Bucconidae, and Strigidae. < *P. Z. S.*, xxxvi, 1868, pp. 322-329, pl. xxix.
Peucea notosticta, sp. n., p. 322, with list of 5 spp. *Zonotrichia quinquestrata*, p. 323, sp. n. List of 5 spp. of *Pyrgisoma*. *Oxyrhamphus frater*, p. 326, sp. n. *Monasa grandior*, p. 327, sp. n. *Gymnoglaux lawrencii*, p. 328, pl. xxix, with synonymy of 2 spp. of this genus.
1863. SCLATER, P. L., and SALVIN, O. Descriptions of Four New Species of Birds from Veragua. < *P. Z. S.*, xxxvi, 1868, pp. 383-390.
Pyrranga testacea, p. 388; *Chlorospingus hypophæus*, *Leptotriccus superciliaris*, *Eupherusa egregia*, p. 389.
1863. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. H. Whitely. Part III. < *P. Z. S.*, xxxvi, 1868, pp. 568-570.
Continued from *P. Z. S.*, 1868, pp. 173-178.—A list of a small collection of 11 spp. made near Arequipa; with a nominal list of 83 spp. procured by Mr. Whitely in Western Peru.—Continued, *P. Z. S.*, 1869, pp. 151-159.
1863. SCLATER, P. L., and SALVIN, O. On Venezuelan Birds collected by Mr. A. Goering.—Part II. < *P. Z. S.*, xxxvi, 1868, pp. 626-632.
Nominal list of 99 spp., with commentary on 13 of them. *Myiarchus erythrocerus*, p. 631; *Heteropelma stenorhynchum*, p. 632, spp. nn.
- 1863-69. LAWRENCE, G. N. A Catalogue of the Birds found in Costa Rica. < *Ann. Lyc. Nat. Hist. New York*, ix, 1868, pp. 86-149 (pp. 86-141, Apr., 1868; pp. 141 bis-149, Feb., 1869).

Based upon the collections received by the Smithsonian Institution, supplemented by information received from other sources, and includes notices of 474 spp. of land-birds, of which 12 (belonging to *Trogonidae*, *Formicariidae*, *Dendrocolaptidae*, *Tyrannidae*, *Alniotilidae*, *Tanagridae*, *Columbidae*, and *Tinamidae*) are described as new, while a thirteenth (*Trochilidae*) may be so. In the introductory remarks, the author gives a summary of previous writings

1868-69. LAWRENCE, G. N.—Continued.

on Costa Rican ornithology, and three lists, the first two of species noted from Chiriqui and Veragua, respectively, which may be found in Costa Rica, and the third of northern species obtained in Panama, but not yet observed in the country of which the paper treats. The remainder of the paper is devoted to the catalogue, which, in the great majority of cases, gives only the name of the species and of the locality where it has been obtained. (Cf. *Ibis*, 1869, pp. 110, 222, and especially O. Salvin, *Ibis*, 1869, pp. 310-319, for extended and elaborate criticism.)—(Above paragraph mostly from *Zool. Rec.*, 1868, p. 55.)

Basileuterus melanotis, p. 95; *Phenicothraupis carmioli*, p. 100; *Synallaxis rufigenis*, p. 105; *Myrmotherula modesta*, p. 108; *Mionectes olivaceus*, p. 111; *Rhynchoeyclus griseimentalis*, p. 112; *Trogon bairdii*, p. 119; *Chloroenas subvinacea*, p. 125; *Geotrygon costaricensis*. *C. caeruleiceps*, p. 136; *Leptoptila riottetii*, p. 137; *Tinamus frantzii*, p. 140; *Pogonotriccus? zeledoni*, p. 144, spp. nn. 511 spp. Much critical commentary.

1868-70. PELZELN, A. V. Zur Ornithologie Brasiliens. Resultate von Johann Natterers Reisen in den Jahren 1817 bis 1835. [Dargestellt] von August von Pelzeln, Custos am k. k. zoologischen Cabinet in Wien, Mitglied der kais. Leopold. Carol. Academie der Naturforscher, Ehrenmitglied der British Ornithologist's Union u. s. w. — Wien. Druck und Verlag von A. Pichler's Witwe & Sohn. [1871 [i. e. 1868-1870]. 1 vol. 8vo. 4 p. ll., pp. i-lx, 1-462, 9 ll. (Zusätze und Index), 2 maps.

Published in 4 parts, at different dates, as follows: I. Abth., 1868, map, 3 p. ll., pp. i-lx, 1-68. II. Abth., 1869, pp. 69-188. III. Abth., 1870, pp. 189-390. IV. Abth., "1871" [i. e. 1870], pp. 391-462, 9 ll., general title-page, map.—The date of the concluding part is ostensibly in question; for the date on the cover-title of the part itself is 1871, but the back of the general title-page of the work gives it as 1870, and a note on the cover-title of Part III announces: „Die vierte (Schluss-) Abtheilung erscheint Anfangs des Jahres 1870.“ The actual date is 1870.

Inhalt.—ABTH. I, 1868. Vorwort, 2 p. ll. Itinerarium von Natterer's Reisen in Brasilien, von 1817 bis 1835, pp. i-xx. Tabellarische Uebersicht der von Natterer in Brasilien gesammelten Arten nach ihrer Verbreitung in den wichtigsten Faunaangeboten. pp. xxi-lxx (1238 spp.). *Accipitres* und *Passeres Fissirostres* et *Tenuirostres*, pp. 1-49 (78 + 99 + 177 = 354 spp.). Beschreibung neuer oder wenig gekannter Arten, pp. 49-68. *Stenopsis candicans* N., p. 49; *S. langsdorffi* P., p. 52; *S. platyrus* N., p. 53 (Diagnosen dieser drei Arten finden sich in den *P. Z. S.*, 1866, pp. 588, 589); *Antrostomus cortapau* N., p. 53; *Chaetura sclateri* P., p. 56; *Thalurania solaemus* N., p. 57; *Cephalolepis beskii* P., p. 58; *Sittasomus stictolaemus* P., p. 59; *Dendrocincla longicauda* N., *D. minor* P., p. 60; *Dendrocolaptes pallascens* P., p. 61; *D. concolor* P., p. 62; *Picolaptes fuscicapillus* P., *Dendrorhynchus elegans* P., p. 63; *Dendroplex similis* N., p. 64; *Cyphorhinus (Microcerculus) cinctus* N., p. 65; *Thryothorus minor* P., p. 66; *Odontorhynchus* (Pelz., g. n.) *cinereus* N., p. 67.—ABTH. II, 1869. *Passeres Dentirostres*, pp. 69-136 (371 spp.). Beschreibung neuer oder wenig gekannter Arten, pp. 136-188. *Hylophilus hypoxanthus* P., p. 136; *Basileuterus leucophrys* N., *Cyclorhis wiedii* P., p. 137; *Thamnophilus unduliger* P., p. 139; *T. borbae* P., p. 140; *T. tschudii* P., *T. moestus* P., p. 141; *T. cinereoniger* P., p. 143; *T. sticturus* P., p. 144; *T. cinereiceps* P., *T. cinereinucha* P., p. 145; *T. stictocephalus* P., *T. punctuliger* P., p. 146; *T. polionotus* P., *T. saturninus* P., p. 147; *T. incertus* P., *Dysithamnus* P., p. 149; *Herpsilochmus atricapillus* N., *H. longirostris* N., p. 150; *H. dorsimaculatus* N., p. 151; *Myrmotherula assimilis* P., p. 152; *M. luctuosa* (Temm. msc.), *M. longipennis* P., p. 153; *Formicivora melanogaster* N., p. 154; *F. leucophthalma* P., *F. ruficauda* N., p. 155; *F. bicolor* N., p. 156; *Terenura melanoleuca* N., *Rhamphocelus collaris* N., p. 157; *Cercomacra approximans* P., *C. ruficauda* P., p. 158; *Perenostola minor* P., p. 159; *P. leucostigma* (Natt. et Lafres. msc.), p. 160; *Sclerurus rufigularis* N., *Heterocnemis albiventris* P., p. 161; *Myrmecia* (sic) *squamosa* N., p. 162; *Hypocnemis flavescens* (N.) ScL., p. 163; *H. maculicauda* P., p. 164; *H. margaritifera* P., p. 165; *Pithys cristata* N., p. 166; *P. griseiventris* P., *Phlogopsis erythroptera* (Gould), p. 167; *Grallaria imperator* N., *Attila validus* P., p. 169; *A. rufigularis* P., p. 170; *A. phoeniceus* N., p. 171; *Todirostrum guttatum* P., p. 172; *Euscarthmus zosterops* P., *E. latirostris* P., *E. senex* P., p. 173; *E. inornatus* P., *Hapalocercus rufomarginatus* P., p. 174; *Phyllomyias subviridis* N., p. 175; *P. lirus* (Temm. msc.), *Elainea spectabilis* P., p. 176; *E. cristata* P., *E. albirostris* P., p. 177; *E. parvirostris* [sic—lege -rostris] P., p. 178; *E. elegans* P., *E. ruficeps* P., p. 179; *E. littoralis* N., *E. cinerea* P., p. 180; *Rhynchoeyclus assimilis* P., *Pitangus parvus* P., *Empidonax poeiclocercus* P., p. 181; *Myiarchus cantans* P., *M. tricolor* N., p. 182; *M. gracilirostris* P., *Tityra (Erator) leucura* N., p. 183; *Lipaugus virissus* N., p. 184; *Heteropelta rufum* N., *H. chryscephalum* P., p. 185; *Heterocercus flavivertex* P., *Pipra opalifera* P., p. 186; *P. virescens* P., p. 187.—ABTH. III, 1870. *Passeres Conirostres*, *Scansores*, *Columbae*, *Gallinae*, *Struthionae*, *Grallae*, *Anseres*, pp. 189-326. Beschreibung neuer oder wenig gekannter Arten, pp. 326-344. *Leistes erythrorhox* N., p. 326; *Euphonia ochraceus* P., *Tachyphonus nattereri* P., p. 328; *Oryzoborus? fringilloides* P.,

1868-70. PELZELN, A. v.—Continued.

p. 329; *Spermophila superciliaris* N., p. 330; *S. caboclinho* N., *S. melanops* N., p. 331; *S. melanogaster* N., *Haplospiza? crassirostris* N., p. 332; *Sycalis citrina* N., p. 333; *Picumnus aurifrons* N., *P. borbae* P., p. 334; *P. leucogaster* N., *P. fuscus* N., p. 335; *Peristera cyanopsis* N., p. 336; *Leptoptila reichenbachii* P., *Penelope ochrogaster* N., p. 337; *P. boliviana* "Reich.", p. 339; *P. pileata* "Licht.", p. 340; *P. nigricapilla* "Gray", p. 341; *Craax pinima* N., p. 341; *C. mikani* P., p. 343. Betrachtungen über die ornithologische Fauna Brasiliens, pp. 344-390.—ABTH. IV, 1870. Fundorte der Vögel Brasiliens nach den hauptsächlichen Quellen, pp. 391-462; Summa der in Brasilien beobachteten Arten, 1680.—Zusätze.—Index.

The work also includes a disquisition on the faunal divisions of Brazil as determined from its *Ornis*. Four subregions are laid down, and mapped, with tabular exhibits of their characteristic species. These are termed the Columbian, Amazonian, South Brazilian, and Chileno-Patagonian. The summary list of 1,680 Brazilian species is compiled from various sources, as Maximilian, Spix, Burmeister, and Wallace.

Cf. *Zeitschr. f. d. ges. Naturw.*, 1867, p. 537; *Ibis*, 1868, pp. 226, 227; 1869, pp. 113-117; 1870, pp. 272-274; *Zool. Gart.*, 1868, p. 40; *Zool. Rec.*, v, pp. 55, 56; vi, p. 51.

"John Natterer has been called a model traveller, and the most energetic and successful ornithological collector that ever lived. He explored Brazil from 1817 to 1835, securing 12,293 bird-skins, beautifully prepared and fully labelled, representing about 1,200 spp., besides registering various additional items of information. He died in his prime, on his return to Europe, leaving his collection, almost untouched, in the Imperial Cabinet of Zoology at Vienna. For nearly thirty years little was done to render his labors available in the cause of science, though instances of 'Natt. MSS.' were of not infrequent occurrence in different quarters. Upon the accession of PelzelN to the charge of the collection, he began to work upon the material, and publish the results, with selections from Natterer's MSS. His numerous papers, which were received with favor, may be considered preliminary to the present work, which undertakes a complete exposition of Natterer's labors and results."

1869. BISHOP, N. H. The Pampas and Andes. | — | A | Thousand Miles' Walk | across | South America. | By | Nathaniel H. Bishop. | — | With an Introduction | by | Edward A. Samuels, Esq., | author of "Ornithology and Oölogy of New England," | etc., etc. | — | Boston: | Lee & Shepard. | 1869. 1 vol. 8vo. 1 p. l., pp. 310.

Slightly ornithological *passim*.

1869. CUNNINGHAM, R. O. [Letter on Birds seen in the Straits of Magellan.] <*Ibis*, 2d ser., v, 1869, pp. 232-234.

Two earlier letters appeared in *Ibis*, 1868, pp. 122-129, 486-495.

1869. FRANTZIUS, A. v. Ueber die geographische Verbreitung der Vögel Costaricas und deren Lebensweise. <*J. f. O.*, xvii, 1869, pp. 195-204, 289-318, 361-379.

The natural and proper complement to Cabanis's technical articles upon the same avifauna in *J. f. O.*, 1861-69, q. v. 518 spp. known to him as Costa Rican, with occasional notes on them. The paper has special reference to Lawrence's *Catalogue*, 1868-69, q. v. Cf. Salvin, *Ibis*, 1870, pp. 107-116.

1869. GOERING, A. Excursion a algunas cuevas hasta ahora no exploradas (al sureste de Caripe). <*Vargasia*, No. 5, 1869, pp. 124-128.

Contains an account of *Steatornis caripensis*. (Cf. *Ibis*, 1870, p. 522.)

1869. HABEL, Dr. —. [Exhibition of some Birds from the Galapagos Islands.] <*P. Z. S.*, xxxvii, 1869, p. 433.

The collection contained about 70 spp., some supposed to be new, but no particulars are given. Cf. *Comptes Rendus*, lxi, pp. 273-277; *P. Z. S.*, May, 1870, pp. 322-327.

1869. LAWRENCE, G. N. List of a Collection of Birds from Northern Yucatan. <*Ann. Lyc. Nat. Hist. New York*, ix, 1869, pp. 198-210.

103 spp.—*Contopus schottii*, p. 202; *Zenaidura yucatanensis*, p. 207, spp. nn. Cf. *Ibis*, 1870, p. 280; *Zool. Rec.*, 1869, p. 50.

1869. LAWRENCE, G. N. Catalogue of Birds from Puna Island, Gulf of Guayaquil, in the Museum of the Smithsonian Institution, collected by J. F. Reeve, Esq. <*Ann. Lyc. Nat. Hist. New York*, ix, 1869, pp. 234-238.

Turdus reevei, p. 234; *Thryothorus superciliosus*, p. 235; *Empidonax griseipectus*, p. 236; *Contopus punensis*, p. 237, spp. nn.—21 spp. Cf. *Ibis*, 1870, p. 281.

1869. LAWRENCE, G. N. Characters of some New South American Birds, with Notes on other rare or little known species. < *Ann. Lyc. Nat. Hist. New York*, ix, 1869, pp. 265-275.
Turdus harrisi, p. 265; *Oethoëca rufomarginatus*, *Mecocerculus uropygialis*, p. 266; *Pogonotriccus plumbeiceps*, *Myiozetetes rufipennis*, p. 267; *M. inornatus*, p. 268; *Lesbia ortonii*, p. 269; *Accipiter nigroplumbeus*, p. 270, spp. nn. Cf. *Ibis*, 1870, p. 281.
1869. LAWRENCE, G. N. Description of Seven New Species of American Birds from various localities, with a note on *Zonotrichia melanotis*. < *Proc. Acad. Nat. Sci. Phila.*, xx, 1868 [pub. 1869], pp. 359-362.
Dendroica capitalis, p. 359; *Tachyphonus atricapillus*, p. 359; *Quiscalus fortirostris*, p. 360; *Thamnophilus virgatus*, p. 361; *Pipra (?) cinnamomea*, p. 361; *Rhynchoeyclus marginatus*, p. 361; *Harpagus fasciatus*, p. 361. Cf. *Ibis*, 1870, p. 280.
1869. ROGERS, H. Natural-History Notes from Rio. < *Zoologist*, 2d ser., iv, 1869, pp. 1923, 1925.
1869. SALVIN, O. Notes on Mr. Lawrence's List of Costa-Rica Birds [in *Ann. Lyc. Nat. Hist. N. Y.*, ix, pp. 86-149]. < *Ibis*, 2d ser., v, 1869, pp. 310-319.
A detailed critical commentary. Makes 13 different determinations, expunges 14 spp., and adds 13 others—40 changes in 474 spp. This article relates only to the first portion of Mr. Lawrence's catalogue, the Land Birds.—Continued in *Ibis*, 1870, pp. 107-116, q. v.
1869. SCLATER, P. L. On the Birds of the Vicinity of Lima, Peru. With Notes on their Habits; by Prof. W. Nation, of Lima. (Part III.) < *P. Z. S.*, xxxvii, 1869, pp. 146-148, pl. xii.
Continued from *P. Z. S.*, 1867, p. 344.—13 spp. The pl. represents *Neorhynchus* (g. n.) *naseus* (lettered *maseus* on the pl.).—Continued, *P. Z. S.*, 1871, pp. 496-498.
1869. SCLATER, P. L., and SALVIN, O. Second [cf. *Ibis*, 1868, p. 183] List of Birds collected, during the Survey of the Straits of Magellan, by Dr. Cunningham. < *Ibis*, 2d ser., v, 1869, pp. 283-286.
33 spp. Note on *Zonotrichia canioptilla* and synonymatic and diagnostic notice of *Phrygilus gayi* and *P. aldunatii*.—Continued, *Ibis*, 1870, pp. 499-504.
1869. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. Whitely. Part IV. < *P. Z. S.*, xxxvii, 1869, pp. 151-153, pl. xiii.
Cf. *P. Z. S.*, 1867, p. 982; 1868, pp. 173, 568. 46 spp. *Saltator laticlavius*, p. 151; *Poospiza cesar*, p. 152, pl. xii; *Agriornis insolens*, p. 153; *Centrites oreas*, p. 154, spp. nn. Critical and field-notes.—Continued, *P. Z. S.*, 1869, pp. 596-601.
1869. SCLATER, P. L., and SALVIN, O. Second List of Birds collected at Conchitas, Argentine Republic, by Mr. William H. Hudson; together with some notes upon another Collection from the same locality. < *P. Z. S.*, xxxvii, 1869, pp. 158-162.
Cf. *P. Z. S.*, 1868, p. 137. 14 spp. in one coll., 10 in the other; with critical notes.
1869. SCLATER, P. L., and SALVIN, O. On Venezuelan Birds collected by Mr. A. Goering. Part III. < *P. Z. S.*, xxxvii, 1869, pp. 250-254, pl. xviii.
Cf. *P. Z. S.*, 1868, pp. 165, 626. Sketch of locality; nominal list of 56 spp., with notes on 9 of them. *Brachygalba goeringi*, p. 253, pl. xviii, sp. n.—Continued, *P. Z. S.*, 1870, pp. 779-788.
1869. SCLATER, P. L., and SALVIN, O. Descriptions of Six New Species of American Birds of the Families Tanagridæ, Dendrocolaptidæ, Formicariidæ, Tyrannidæ, and Scolopaciidæ. < *P. Z. S.*, xxxvii, 1869, pp. 416-420, pl. xxviii.
Calliste florida, p. 416, pl. xxviii; *Synallaxis arequipæ*, *Gymnocichla chiroleuca*, p. 417; *Grallaria princeps*, p. 418 (with list of 6 spp.); *Contopus ochraceus*, *Gallinago imperialis*, p. 419.
1869. SCLATER, P. L., and SALVIN, O. On two new Birds collected by Mr. E. Bartlett in Eastern Peru. < *P. Z. S.*, xxxvii, 1869, pp. 437-439, pl. xxx.
Neopipo (g. n.) *rubicunda*, p. 438, pl. xxx, f. 3; *Euphonia chrysopasta*, p. 438, pl. xxx, figg. 1, 2.
1869. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. Whitely.—Part V. < *P. Z. S.*, xxxvii, 1869, pp. 596-601.
Continued from *P. Z. S.*, 1869, pp. 151-158.—42 spp. from Cosnipata, 4 annotated; about 57 from Tinta, 13 of which are annotated as additional to former lists. *Oethoëca polionota*, p. 599; *Merganetta turneri*, p. 600, spp. nn.

1869. SCLATER, P. L., and SALVIN, O. Third List of Birds collected at Conchitas, Argentine Republic, by Mr. William H. Hudson. <P. Z. S., xxxvii, 1869, pp. 631-636.
Cf. P. Z. S., 1868, p. 137: 1869, p. 158. 92 spp., with remarks on 34 of them.
1869. STERNBERG, C. Notizen aus der Vogelwelt von Buenos-Ayres. <J. f. O., xvii, 1869, pp. 174-193, 257-278.
Lebensweise—35 spp.
- 1869? SUNDEVALL, C. J. Foglarne på ön St Barthelemy, efter de af Dr. A. von Goës hemsända samlingarna bestämde af Carl J. Sundevall. <Öfvers. Konigl. Vetensk.-Akad. Förh., 1869, pp. 579-591.
47 spp. Some new "Stirpes" are indicated.—Compare 1870?, same author.
- 1869? SUNDEVALL, C. J. Foglarne på ön Portorico, efter Hr Hjalmarsons insamlingar framställda af Carl J. Sundevall. <Öfvers. Konigl. Vetensk.-Akad. Förh., 1869, pp. 593-603.
90 species.—Compare 1870?, same author.
1870. ERNST, A. Apuntes para la fauna ornitologica de Venezuela. <Vargasia, núm. 7, 1870, pp. 195-198, con una lámina.
Extracto de las publicaciones de P. L. Sclater y O. Salvin sobre las colecciones de pájaros venezolanos hechas por Antonio Goering; Proc. Zool. Soc. 27 de Febrero (p. 165) y 10 de Diciembre (p. 626) de 1868, y 22 de Abril (p. 250) de 1869. Lám., *Brachygalba goeringi*, *Sublagatus glaber*, *Euscarthmus impiger*.
1870. FINSCH, O. On a Collection of Birds from the Island of Trinidad. <P. Z. S. xxxviii, 1870, pp. 552-589.
115 spp., critically annotated. The article includes local synonymy and review of previous labors (especially Léotaud's) upon the same subject. *Spermophila lessoni*, sp. renom., p. 582. About 350 spp. are known to occur in Trinidad.
1870. HOLTZ, LUDWIG. Beschreibung südamerikanischer Vögel-Eier. <J. f. O., xviii, 1870, pp. 1-24, pl. i.
Supplementary to C. Sternberg's articles on Birds of Buenos Ayres in J. f. O., 1869, pp. 174-193, 257-278. Eggs of 46 spp. described. Those of *Molobrus sericeus* (fig. 1) and *M. badius* (fig. 2) figured, as well as those of *Opisthocomus cristatus* (fig. 3).
1870. HUDSON, W. H. [First Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 87-89.
The beginning of a series of 12 letters, giving miscellaneous information upon the subject.
1870. HUDSON, W. H. [Second Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 112-114.
1870. HUDSON, W. H. [Third Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 158-160.
1870. HUDSON, W. H. [Fourth Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 332-334.
1870. HUDSON, W. H. [Fifth Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 545-547.
1870. HUDSON, W. H. [Sixth Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 548-550.
1870. HUDSON, W. H. [Seventh Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 671-673.
1870. HUDSON, W. H. [Eighth Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 748-750.
1870. HUDSON, W. H. [Ninth Letter on the Ornithology of Buenos Ayres.] <P. Z. S., xxxviii, 1870, pp. 798-802.
For Letters 10-12 see 1871, same author.
1870. NEWTON, A. Additional Note on the Nests and Eggs collected by Dr. Cunningham. <Ibis, 2d ser., vi, 1870, pp. 501-504.
The nests or eggs of 15 spp. of South American birds are described.

1870. REINHARDT, J. Bidrag til Kundskab om Fuglefaunaen i Brasiliens Campos. < Vidensk. Meddel. Naturhist. Foren. Kjöbenhavn, 1870, pp. 1-124, 315-457, pl. viii. *Elaenia lundii*, p. 344, pl. 8, f. 1; *Myiopatis superciliiaris* (Lund), p. 346, pl. 8, f. 2, spp. nn.
1870. REINHARDT, J. Bidrag til Kundskab om Fuglefaunaen i Brasiliens Campos. Kjöbenhavn. 1870. 8vo. pp. 1-267, pl. viii.
Based on collections of the author and P. W. Lund in 1833-35, in the Brazilian Provinces of São Paulo, Goyaz, and Minas Geraes. Annotated list of 393 spp. *Elaenia lundii*, p. 154, pl. viii, and *Myiopatis superciliiaris*, p. 156, pl. viii, spp. nn.—Cf. *Journ. de Zool.*, i, 1872, pp. 75-77.
1870. SALVIN, O. Additional Notes on Mr. Lawrence's List of Costa-Rica Birds. < *Ibis*, 2d ser., vi, 1870, pp. 107-116.
Continued from *Ibis*, 1869, pp. 310-319, *q. v.*—Adds 19 spp. to Lawrence's List. Contains much criticism, and includes a synonymatic synopsis of three species of *Capito*, important as showing that the opposite sexes of each had generally been rated as different species.
1870. SALVIN, O. On some Collections of Birds from Veragua.—Part II. < *P. Z. S.*, xxxviii, 1870, pp. 175-219, pl. xvii (map).
Cf. *P. Z. S.*, 1867, pp. 129-161, which gave 216 spp. In this paper are 216 more, making the whole avifauna 432.—*Thryothorus semibadius*, p. 181; *Empidonax atriceps*, p. 198; *Chirochæris aurantiaca*, p. 200; *Antrostomus saturatus*, p. 203; *Chætura fumosa*, p. 204; *Lophornis adorabilis*, p. 207; *Selasphorus torridus*, p. 208; *S. ardens*, p. 209; *Chloronerpes simplex*, p. 212; *Melanerpes chrysæuchus*, p. 213, spp. nn. The paper gives a general summary of the avifauna, and much critical matter on the characters and distribution of the species.
1870. SCLATER, P. L. On some new or little-known Birds from the Rio Paraná. < *P. Z. S.*, xxxviii, 1870, pp. 57, 58, pl. iii, with cut.
Various species mentioned. *Cnipolegus cinereus*, sp. n., p. 58, woodc.; *Coraphisterna alaudina*, p. 57, pl. iii.
1870. SCLATER, P. L. Notices of some new or little-known Species of South-American Birds. < *P. Z. S.*, xxxviii, 1870, pp. 328-330.
Philydor consobrinus, p. 328; *Melanerpes pulcher*, p. 330, spp. nn.—Synopsis of 2 spp. of *Chætura*: *Chætura brachyœerca*, p. 329; *Thryothorus rufiventer* "Natt.", p. 328.
1870. SCLATER, P. L., and SALVIN, O. Third [cf. *Ibis*, 1869, p. 283] List of Birds collected, during the Survey of the Straits of Magellan, by Dr. Cunningham. With additional Note by A. Newton. < *Ibis*, 1870, 2d ser., vi, pp. 499-504.
33 spp., with notes on 3 of them. The article includes "Additional note on the Nests and Eggs collected by Mr. Cunningham. By the Editor" (A. Newton). 15 spp. are described.
1870. SCLATER, P. L., and SALVIN, O. Characters of new Species of Birds collected by Dr. Habel in the Galapagos Islands. < *P. Z. S.*, xxxviii, 1870, pp. 322-327, woodc.
Certhidea fusca, p. 324, fig. 1; *Camarhynchus variegatus*, p. 324, fig. 2; *C. habeli*, p. 325, fig. 3; *C. prothemelas*, p. 325, fig. 4; *Cactornis abingdoni*, p. 326, fig. 5; *Cactornis pallida*, p. 327, fig. 6; *Nyctiorax pauper*, p. 327, spp. nn. List of 37 spp. collected.
1870. SCLATER, P. L., and SALVIN, O. On Venezuelan Birds collected by Mr. A. Goering. Part IV. < *P. Z. S.*, xxxviii, 1870, pp. 779-788, pll. xlv, xlvii.
Continued from *P. Z. S.*, 1869, pp. 250-254.—Nominal list of 106 spp., with notes on many of them. *Setophaga albifrons*, *Diglossa gloriosa* (pl. xlv, f. 1), *Chlorospingus goeringi* (pl. xlv, f. 2), p. 784; *Buarremon meride*, p. 785; *Grallaria griseonucha*, *Ochthoeca superciliosa*, p. 786; *O. nigrata*, *Conurus rhodocephalus*, p. 787; *Urochroma delectissima*, pl. xlvii, p. 788, spp. nn.
1870. SCLATER, P. L., and SALVIN, O. On Birds collected by Mr. George M. Whitely on the Coast of Honduras. < *P. Z. S.*, xxxviii, 1870, pp. 835-839.
135 spp., a few of which are annotated.
1870. SCLATER, P. L., and SALVIN, O. Descriptions of five new Species of Birds from the United States of Columbia. < *P. Z. S.*, xxxviii, 1870, pp. 840-844, pl. liii.
Pheucticus uropygialis, *Synallaxis wyatti*, p. 840; *Tyranniscus leucogonys*, pl. liii, f. 1; *T. improbus*, f. 2; *T. griseiceps*, f. 3, p. 841; *Trogon chionurus*, p. 843. Synopsis of 9 spp. of the genus *Tyranniscus*.
- 1870? SUNDEVALL, C. J. Foglarne på ön St Barthelemy, efter de af Dr A. von Goës hemsände samlingarna bestämde af Carl J. Sundevall. < *Öfvers. Konigl. Vetensk.-Akad. Förhandl. för år 1869, 1870?*, pp. 579-591.
Treating 47 spp. at greater or less length, after a notice of the general subject.—Diagnosis of 3 spp. of the genus *Phaëthon*.—Compare 1869?, same author.

- 1870? SUNDEVALL, C. J. Foglarne på ön Portorico, efter Hr Hjalmarsons insamlingar framställda af Carl J. Sundevall. <Öfvers. Konigl. Vetensk.-Akad. Förhandl. för år 1869, 1870?, pp. 593-604.

Treats of upward of 100 spp. Interspersed with the notes on the collection are many critical observations in the author's well-known quiet and pithy style.—Compare 1869?, same author.

1871. BELLO Y ESPINOSA, —. Zoologische Notizen aus Puerto Rico von Herrn Bello y Espinosa daselbst. Nach dem Spanischen frei bearbeitet von Herrn E. von Martens in Berlin. <Der Zool. Garten, 1871, pp. 348-351.

Von der Classe der Vögel sind 64 Arten bekannt.

1871. CUNNINGHAM, R. O. 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, & 1869 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 1 vol. 16mo. pp. i-xviii, 1-517, 22 illust., some colored.

Ornithological matter *passim*. Previous publication of much of the author's material is found in *Ibis*, 1868, p. 183; 1869, p. 283; and 1870, p. 499; and in his letters to the same journal, *qq. vv. suprâ*.—Fig. 6, head of Steamer Duck (*Micropterus*).

1871. CUNNINGHAM, R. O. On the Terrestrial and Marine Fauna of the Strait of Magellan and Western Patagonia. <Rep. Brit. Ass. Adv. Sci. for 1870, 1871, (Misc. Comm.), p. 114.

Mere allusions to a few birds.

1871. HAMILTON, J. F. Notes on Birds from the Province of São Paulo, Brazil. <*Ibis*, 3d ser., i, 1871, pp. 301-309.

Field-notes on 45 spp. observed in the spring of 1869.

1871. HUDSON, W. H. [Tenth Letter on the Ornithology of Buenos Ayres.] <*P. Z. S.*, xxxix, 1871, pp. 4-7.

For Letters 1-9, see 1870, same author.

1871. HUDSON, W. H. [Eleventh Letter on the Ornithology of Buenos Ayres.] <*P. Z. S.*, xxxix, 1871, pp. 258-262.

1871. HUDSON, W. H. [Twelfth Letter on the Ornithology of Buenos Ayres.] <*P. Z. S.*, xxxix, 1871, pp. 326-329.

1871. JULIET, C. Exploracion científica practicada por órden del Supremo Gobierno i segun las instrucciones del doctor don R. A. Philippi, . . . <*Anales Univ. Chile*, tomo xli, ent. de julio 1871, pp. 81-168, pll.

A few birds are mentioned here and there in running narrative. The illustrations do not relate to birds.

1871. LAWRENCE, G. N. Descriptions of New Species of Birds from Mexico, Central America, and South America, with a Note on *Rallus longirostris*. <*Ann. Lyc. Nat. Hist. N. Y.*, x, 1871, pp. 1-21.

Harporhynchus graysoni Baird, MS., p. 1; *Cistothorus aequatorialis*, p. 3; *Troglodytes insularis* Bd. MS., p. 3; *Parula insularis*, p. 4; *Haemophila sumichrasti*, p. 6; *Pipilo carmani*, p. 7; *Attila cinnamomeus*, p. 8; *Todirostrum superciliosus*, p. 9; *Elainea macilvainii*, p. 10; *Empidonax fulvipes*, *Trogon eximius*, p. 11; *Chlorostilbon caribæus*, p. 13; *Conurus holochlorus* var. *brevipes* Bd. MS., p. 14; *Leptoptila bonapartii*, p. 15; *Zenaidura graysoni* Bd. MS., p. 17; *Vireosylva magister* Bd. MS., p. 20. Interesting field-notes of Col. A. J. Grayson's accompany several of the species. The note on *Rallus longirostris* states that with this species *R. crassirostris* Lawr. from Bahia agrees, it being apparently different from *R. crepitans* Gm.

1871. LAWRENCE, G. N. Descriptions of three New Species of American Birds, with a Note on *Eugenes spectabilis*. <*Ann. Lyc. Nat. Hist. N. Y.*, x, 1871, pp. 137-140.

Minus nigriloris, p. 137 (Mexico); *Buarremon sordidus*, p. 138 (Bogotá); *Serpophaga grisea*, p. 139 (Costa Rica). Distinctness of *E. spectabilis* reiterated.

1871. ORTON, J. Contributions to the Natural History of the Valley of Quito.—No. I. <*Amer. Nat.*, v, No. 10, Oct., 1871, pp. 619-626.

Birds, pp. 623-626.—Annotated list of 184 spp., 38 of which are believed to be confined to the valley; followed by general remarks on geographical distribution.

1871. ORTON, J. Notes on some Birds in the Museum of Vassar College. < *Amer. Nat.*, iv, No. 12, Feb., 1871, pp. 711-717.

Observations on 50 or more spp., the greater part of the notes relating to neotropical birds. At time of writing, Vassar College contained nearly 1,200 spp., of which about 700 were N. and 600 S. American; among them several type-specimens, and others of interest as the originals of Audubon's plates.

1871. ORTON, J. On the Condors and Humming-birds of the Equatorial Andes. < *Ann. Mag. Nat. Hist.*, (4), viii, 1871, pp. 185-192.

1871. ORTON, J. The Vultures and Humming Birds of Tropical America. < *Canad. Nat. & Quart. Journ.*, n. s., v, 1871, pp. 357-360.

Abstract of his paper in *Amer. Nat.*

1871. SCLATER, P. L. On the Land-birds of Juan Fernandez. < *Ibis*, 3d ser., i, 1871, pp. 178-183, pl. vii.

Sketch of the islands; 6 spp., with comment. Pl. vii, f. 1, *Anæretes fernandezianus*; f. 2, *Oxyurus masafueræ*.

1871. SCLATER, P. L. The Birds of the Lesser Antilles. < *Nature*, iv, 1871, pp. 473-—. Not seen.

1871. SCLATER, P. L. [Extracts from Correspondence with Mr. G. W. des Vœux concerning the expediency of introducing *Secretarius reptilivorus* or *Dacelo gigas* for destruction of the Rat-tailed Serpent of Santa Lucia (*Trigonocephalus lanceolatus*).] < *P. Z. S.*, xxxix, 1871, pp. 2-4.

1871. SCLATER, P. L. On the Birds of the Island of Santa Lucia, West Indies. < *P. Z. S.*, xxxix, 1871, pp. 263-273, pl. xxi,

Summary of Antillean avifauna; 25 spp., variously annotated. *Icterus laudabilis*, pl. xxi, p. 270.

1871. SCLATER, P. L. On the Birds of the Vicinity of Lima, Peru. . . . With Notes on their Habits; by Prof. W. Nation, of Lima, C. M. Z. S.—Part IV. < *P. Z. S.*, xxxix, 1871, pp. 496-498, fig.

Continued from *P. Z. S.*, 1869, p. 148.—5 spp. *Euscarthmus fulviceps*, p. 497, fig., sp. n.

1871. SCLATER, P. L. Remarks on a Collection of Birds from Oyapok [Cayenne]. < *P. Z. S.*, xxxix, 1871, pp. 749, 750.

Ochthoeca murina, p. 749; *Heteropelma igniceps*, p. 750, spp. nn. Synopsis of 16 + 3 spp. of *Ochthoeca*.

1871. SUNDEVALL, C. J. On Birds from the Galapagos Islands. < *P. Z. S.*, xxxix, 1871, pp. 124-130.

A list of 26 spp., of which two are new (*Ardea plumbea*, pp. 125, 127-129, and *Spheniscus mendiculus*, pp. 129, 130; also a new variety of *Ardea violacea*), obtained by the Swedish 'Eugenie' expedition in 1852. Remarks on the species allied to some of those recorded are added. Some are noticed from the Galapagos for the first time.

1871. WYATT, C. W. Notes on some of the Birds of the United States of Columbia. < *Ibis*, i, 1871, 3d ser., pp. 113-131, pl. v (map), 319-335, 373-384.

Extended account of the region and route; field-notes on 210 spp.; map of author's journey.

- 1871-74. GUNDLACH, J. Neue Beiträge zur Ornithologie Cubas. < *J. f. O.*, xix, 1871, pp. 265-295, 353-378; xx, 1872, pp. 401-432; xxii, 1874, pp. 113-166, 286-303.

There are literal discrepancies in the titles of the successive instalments. The first part is wholly occupied with a review of what has been done on the subject, from Macleay (1827) to the author himself (1865-66). The second begins The Revised List of Cuban Birds.

1872. ANON. Zoology of the Galapagos. < *Pop. Sci. Monthly*, Sept., 1872, pp. 633-635. Various allusions to the birds.

1872. EDITORS. New Galapagos Birds. < *Am. Nat.*, vi, 1872, p. 38.

Notice of Sci. & Salv., *P. Z. S.*, May, 1870, on Dr. Habel's discoveries.

1872. HUDSON, W. H. On the Birds of the Rio Negro of Patagonia. With Notes by P. L. Sclater. < *P. Z. S.*, xl, 1872, pp. 534-550, fig., pl. xxxi.

Field-notes on 23 spp., technical names of most of which are supplied by Dr. Sclater, who appends a nominal list of 48 spp. of the region, 7 of them peculiar to it.—*Unipolegus hudsoni*, Sci., p. 541, pl. 31, sp. n.

1872. LANDBECK, L. Sobre algunos pájaros chilenos. < *Anales Univ. Chile*, xli, Aug., 1872, pp. 515-519.
Sterna trudeaui, *Conurus cyanolyseos*, i *Sterna galericulata*.
1872. LAWRENCE, G. N. Descriptions of New Species of Birds of the Genera *Icterus* and *Synallaxis*. < *Ann. Lyc. Nat. Hist. N. Y.*, x, 1872, pp. 184-186.
Icterus formosus, p. 184 (Tehuantepec); *Synallaxis maculata*, p. 186 (Tumbe, Peru).
1872. LAYARD, E. L. [Letter relating to birds seen during a voyage from England to Pará.] < *Ibis*, 3d ser., ii, 1872, pp. 336-338.
1872. [SALVIN, O.] [Notice of E. L. Layard's departure for Pará, South America.] *Ibis*, 3d ser., ii, 1872, p. 208.
1872. SALVIN, O. Notes on the Birds of Nicaragua, based upon a Collection made at Chontales by Mr. Thomas Belt. < *Ibis*, 3d ser., ii, 1872, pp. 311-323.
 130 specimens of 73 spp. Sketch of history of the subject; general characters of the avifauna of the region.
1872. [SALVIN, O.] [Notice of G. A. Maack's researches in the vicinity of Panamá.] < *Ibis*, 3d ser., ii, 1872, pp. 339, 340.
1872. SEMPER, J. E. Observations on the Birds of St. Lucia. With Notes by P. L. Selater. < *P. Z. S.*, xl, 1872, pp. 647-653.
 Cf. *P. Z. S.*, 1871, p. 263. Notes on 25 spp. contained in the former list, and on 6 additional ones.
1872. SPERLING, R. M. [Letter.] < *Ibis*, 3d ser., ii, 1872, pp. 74-79.
 Refers to various South American birds and some *Procellariidae*.
1873. CABANIS, J. [Neue peruanische Vögel des Herrn C. Jelski.] < *J. f. O.*, 1873, pp. 64-68.
Hylophilus flaviventris, *Dacnis modesta*, p. 64; *Hypocnemis subflava*, *Thamnistes rufescens*, *Lochmias obscurata*, p. 65; *Phylidior subflavescens*, *Ipboborus (Automolus) stictoptilus*, p. 66; *Sclerurus olivaceus*, *Euscarthmus rufigularis*, *Phyllomyias cinereicapillus*, p. 67; *Capsiempis orbitalis*, *Hadrostomus audax*, p. 68, spp. nn.
1873. CABANIS, J. [Neue Vögel des Berliner Museums, von C. Jelski in Peru entdeckt.] < *J. f. O.*, 1873, pp. 315-320, pl. iv, f. 3; 1874, pl. ii.
Turdus giganteus, p. 315; *Basileuterus diachlorus*, *Myiothlypis striaticeps*, *Iridornis jelskii*, p. 316 (pl. ii, f. 1, Jahrg. 1874); *Poecilothraupis ignicrissa*, *Presbys peruanus*, p. 317; *Diglossa pectoralis*, *Chlorospingus (Hemispingus) auricularis*, *Hypsibamon andicola*, p. 318, pl. iv, f. 3; *Ollurus rivularis*, *Synallaxis humilis*, *S. albiocapilla*, *Schizoeaca palpebralis*, p. 319 (pl. ii, fig. 2, Jahrg. 1874); *Mitrephorus ochraceiventris*, p. 320.
1873. LAYARD, E. L. [Letter on Birds observed on a Voyage from Pará to England.] < *Ibis*, 3d ser., iii, 1873, pp. 331, 332.
1873. LAYARD, E. L. Notes on Birds observed at Pará. . . . With Descriptions of two new Species. By P. L. Selater. < *Ibis*, 3d ser., iii, 1873, pp. 374-396, pll. xiv, xv.
 List of 120 spp., quite fully annotated. *Picolaptes layardi*, p. 386, pl. xiv; *Thamnophilus simplex*, p. 387, pl. xv, spp. nn.
1873. LEE, W. B. Ornithological Notes [on 33 spp.] from the Argentine Republic. < *Ibis*, 3d ser., iii, 1873, pp. 129-138.
1873. LEYBOLD, F. Escursion a las Pampas Argentinas. Hojas de mi diario. Por Federico Leybold. Santiago. 1873. 8vo. pp. 108, map.
 Not seen.—Many notes on the birds observed or obtained. *Olbumbina aurisquamata*, p. 38; *Conurus glaucifrons*, p. 38, spp. nn.
1873. MATHEW, G. F. Natural-History [Ornithological] Notes from Coquimbo. < *Zoologist*, 2d ser., viii, 1873, pp. 3578, 3579.
1873. PELZELN, A. V. Verzeichniss einer an Dr. L. W. Schauffuss gelangten Sendung Vögel aus Neu-Freiburg in Brasilien. < *Nunquam Otiosus*, 1873, pp. 291, 292.
 Not seen.
1873. SALVIN, O. [Letter off St. Domingo, noting various Birds observed en route.] < *Ibis*, 3d ser., iii, 1873, pp. 333, 334.

1873. SALVIN, O. [Letter relating to some Guatemalan Birds.] < *Ibis*, 3d ser., iii, 1873, pp. 428, 429.
1873. SCLATER, P. L. Additions to the List of Birds of Nicaragua. < *Ibis*, 3d ser., iii, 1873, pp. 372, 373.
Adding 17 spp. to the list given in *Ibis*, 1872, pp. 311-323.
1873. SCLATER, P. L. [Note on Sclater and Salvin's 'Nomenclator Avium Neotropicalium'.] < *P. Z. S.*, 1873, pp. 554, 555.
Gives the classification to be adopted in the work. Eliminates *Turdus subcinereus* and *Onipolegus* sp. from the American avifauna.
1873. SCLATER, P. L. [Descriptions of two new species of Birds from the State of Antioquia, Columbia.] < *P. Z. S.*, 1873, pp. 728, 729.
Ohlorochrysea nitidissima, p. 728; *Grallaria ruficeps*, p. 729.
1873. SCLATER, P. L. On Peruvian Birds collected by Mr. Whitely. Part VII. < *P. Z. S.*, 1873, pp. 779-784.
39 spp., with notes on some of them. *Thryophilus fulvus*, *Todirostrum pulchellum*, p. 781; *Tyranniscus viridissimus*, *Myiobius aureiventris*, p. 782; *Grallaria erythroleuca*, p. 783, spp. nn.
1873. SCLATER, P. L., and SALVIN, O. Nomenclator | Avium Neotropicalium | sive | avium | quæ in regione neotropica hucusque repertæ sunt | nomina systematice disposita adjecta sua cuique | speciei patria accedunt generum et | specierum novarum diagnoses. | Auctoribus | Philippo Lutley Sclater A. M. Phil. Doct. | Soc. Reg. Lond. Socio | Soc. Zool. Lond. Secretario. | Et Osberto Salvin A. M. | Soc. Reg. Lond. Socio. | — | [Icon.] | Londini: | — | MDCCCLXXXIII. 1 vol. Fol. pp. viii, 163.
Avium omnium e regione Neotropica hucusque auctoribus obviarum tenet Nomenclator secundum systema quo in opere adhuc inedito, sed jam per multos annos elaborato, cujus titulus "Index Avium Americanorum" usi sunt. Species asterisco notatæ neque in ornithotheca P. L. S. neque in Museo Salvino-Godmannico asservantur, sed in aliis locis auctoribus obviæ sunt.
Expositio ordinum classis avium in hoc opere usitatorum, adjecto in quoque ordine specierum numero. A. Carinatae. (I. Aegithognathæ.) 1. *Passeres*, 1976. 2. *Cypseli*, 444. 3. *Pici*, 116. (II. *Desmognathæ*.) 4. *Coccyges*, 214. 5. *Psittaci*, 142. 6. *Striges*, 37. 7. *Accipitres*, 114. 8. *Steganopodes*, 17. 9. *Herodiones*, 44. 10. *Anaeres*, 64. (III. *Schizognathæ*.) 11. *Columbae*, 66. 12. *Gallinae*, 90. 13. *Opisthocomi*, 1. 14. *Grues*, 57. 15. *Limicolæ*, 73. 16. *Gaviae*, 53. 17. *Pygopodes*, 9. 18. *Impennes*, 9. (IV. *Dromæognathæ*.) 19. *Crypturi*, 36.—B. *Ratiæ*. 20. *Apteryges*, 0. *Struthiones*, 3. Summa specierum Avium Neotropicalium, 3565.
Appendix, pp. 155-163, continens diagnoses generum et specierum, quorum nominibus in hoc opere pro prima vice usi sunt:—
P. 155: *Uropeila*, p. 7; *Phlogothraupis*, p. 21; *Porphyrospiza*, p. 30; *Clibanornis*, p. 61; *Microbates*, p. 72; *Neoscolecus*, p. 101. P. 156: *Gymnopelia*, p. 133; *Nothoprocta*, p. 153; *Calodromas*, p. 156; *Basileuterus leucopygius*, p. 10; *Hylophilus musciapinus*, p. 12; *Ocyropsis albiventris*, p. 13. P. 157: *Ohlorophanes purpurascens*, p. 16; *Euphonia chalcopasta*, p. 18; *Ohlorospingus semifuscus*, p. 24; *Arremon wuchereri*, p. 25; *Haplospiza uniformis*, p. 29. P. 158: *Onipolegus pusillus*, p. 43; *Euscarthmus vuchereri*, p. 45; *Serpophaga subflava*, p. 47; *S. pæcilocerca*, p. 47. P. 159: *Phyllomyias platyrhyncha*, p. 48; *Lipaugus immundus*, p. 57; *Casiornis fusca*, p. 57; *Furnarius agnatus*, p. 61. P. 160: *Philidor erythronotus*, p. 66; *Margarornis stellata*, p. 67; *Picolaptes pumcticeps*, p. 69; *Thamnophilus tristis*, p. 69; *Myrmotherula pyrrhonota*, p. 72. P. 161: *Microbates torquatus*, p. 72; *Cercomacra carbonaria*, p. 73; *Rhinocrypta fusca*, p. 76; *Dendrocygna discolor*, p. 129. P. 162: *Querquedula andium*, p. 129; *Leptoptila rufinucha*, p. 134; *Odonothorus hypospodius*, p. 138; *Psophia napensis*, p. 141; *Tinamus ruficeps*, p. 152. P. 163: *Nothoprocta curvirostris*, p. 153.
1873. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. Whitely. Part VI. < *P. Z. S.*, 1873, pp. 184-187, pl. xxi.
Pl. xxi, *Tanagra olivina*. List of 80 spp.; comment on 7 of them. *Hapalocercus acutipennis*, p. 187, sp. n. (Continued, *P. Z. S.*, 1873, p. 779, by Sclater alone.)
1873. SCLATER, P. L., and SALVIN, O. On the Birds of Eastern Peru. With Notes on the habits of the Birds, by Edward Bartlett. < *P. Z. S.*, 1873, pp. 253-311. pll. xxv, (map) xxvi.
Important: contains a summary of nearly all that is accurately known of the birds of the region; complete list of previous papers, 7 in number, on the same subject; general geographical considerations; subdivisions of the Amazonian Fauna. 473 spp., of which 108 are peculiar to the Upper Amazonian Fauna. *Pithys lunulata*, p. 276, pl. xxvi; *Rhynchocyclops viridiceps*, p. 280, spp. nn.

1873. SCLATER, P. L., and SALVIN, O. On some Venezuelan Birds collected by Mr. James M. Spence. < *P. Z. S.*, 1873, pp. 511, 512.
8 spp.—*Lochmias sororia*, p. 511, *Crypturus cerviniventris*, p. 512, spp. *nm.*
- 1873-74. BERLEPSCH, H. Zur Ornithologie der Provinz Santa Catharina, Süd-Brasilien. < *J. f. O.*, 1873, pp. 225-293; 1874, pp. 241-284.
118 Arten, gut bearbeitet, namentlich in Bezug auf geographische Verbreitung.
1874. CABANIS, J. Uebersicht der von Herrn Carl Euler im District Cantagallo, Provinz Rio de Janeiro, gesammelten Vögel. < *J. f. O.*, 1874, pp. 81-90, 225-231.
Sporophila euleri, sp. n., p. 84; *Ceratotriccus*, g. n., p. 87. See 1867-69, EULER, C.
1874. CABANIS, J. [Neue peruanische Vögel des Herrn Jelski.] < *J. f. O.*, 1874, pp. 97-100.
Turdus nigriceps Jelski, *Urolampra eupogon*, p. 97; *Coprotretes jelskii*, *Euscarthmus pyrhopis*, *Mecocerculus taeniopterus*, p. 98; *Hemipipo tschudii*, *Metallura jelskii*, p. 100.
1874. GOLZ, —. [Notiz über die Guanolager Peru's.] < *J. f. O.*, 1874, pp. 343, 344.
1874. GUNDLACH, J. Beitrag zur Ornithologie der Insel Portorico. < *J. f. O.*, 1874, pp. 304-315.
116 spp.
1874. JULIET, C. Informe del ayudante de la comision esploradora de Chiloé i Llanquihue, don Carlos Juliet. < *Anales Univ. Chile*, tomo xlv, 1^a secc., Diciembre 1874, pp. 661-734.
A few birds are mentioned here and there in running narrative.
1874. LANDBECK, L. Zur Ornithologie Chiles. < *Arch. f. Naturg.*, 1874, (1), pp. 112-116.
Behandelt *Sterna trudeaui*, *S. galericulata*, *Conurus cyanolyseos* und *C. patagonus*.
1874. LAWRENCE, G. N. Descriptions of Six Supposed New Species of American Birds. < *Ann. Lyc. Nat. Hist. N. Y.*, x, 1874, pp. 395-399.
Chlorospingus brunneus, p. 395 (Costa Rica); *C. axillaris*, p. 395 (Costa Rica); *Buarremon atricapillus*, p. 396 (Bogotá?); *Phonipara fumosa*, p. 396 (Trinidad); *Cyanospiza rositæ*, p. 397 (Tehuantepec, Mex.); *Thripadestes virgaticeps*, p. 398 (Quito, Ecuador).
1874. LAWRENCE, G. N. Descriptions of Two New Species of Birds of the Families Tanagridæ and Tyrannidæ. < *Ann. Lyc. Nat. Hist. N. Y.*, xi, 1874, pp. 70-72.
Phaenicothraupis cristata, p. 70 (Bogotá); *Myiarchus flammulatus*, p. 71 (Tehuantepec).
1874. LAWRENCE, G. N. Descriptions of Four New Species of Birds from Costa Rica. < *Ann. Lyc. Nat. Hist. N. Y.*, xi, 1874, pp. 88-91.
Cyanocitta argentigula, p. 88; *Stenopsis albicauda*, p. 89; *Geotrygon rufiventris*, *Porzana einereiceps*, p. 90.
1874. PELZELN, A. v. Ueber eine Sendung von Vögeln aus Ecuador. < *Verh. (Abh.) k.-k. zool.-bot. Ges. Wien*, xxiv, 1874, pp. 171-174.
Die Sendung von circa 30 Arten enthält in der That Objecte von vielem Interesse, darunter einige Arten welche bisher noch nicht aus Ecuador bekannt waren.
1874. REED, E. C. Remarks on the Birds of Juan Fernandez and Mas-a-fuera. < *Ibis*, 3d ser., iv, 1874, pp. 81-84.
In the former island, 6 spp. of land-birds; in the latter, 5. Cf. Sclater, *Ibis*, 1871, pp. 178-183, on the same subject.
1874. SCLATER, P. L. News of Mr. Salvin [i. e., a letter from O. Salvin, on certain Guatemalan birds]. < *Ibis*, 3d ser., iv, 1874, pp. 99-100.
1874. SCLATER, P. L. [Notice of Mr. Jelski's Collections in Western Peru.] < *Ibis*, 3d ser., iv, 1874, p. 100.
1874. SCLATER, P. L. On a small Collection of Birds from Barbadoes, West Indies. < *P. Z. S.*, xlii, 1874, pp. 174, 175.
Nine species.
1874. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. Whitely. Part VIII. < *P. Z. S.*, 1874, pp. 677-680, pl. lxxxiv.
List of 32 spp., and notes on 9 of them. Synopsis of 6 spp. of *Northoprocta*; *N. taczanowskii*, p. 679, pl. lxxxiv, sp. n.

1874. TACZANOWSKI, L. Description des Oiseaux nouveaux du Pérou central. < *P. Z. S.*, xlii, 1874, pp. 129-140, pll. xix, xx, xxi.

**Cistothorus graminicola*, **Thryothorus cantator*, p. 130; **Dacnis xanthophthalma*, *Dacnidea* (g. n.) *leucogastra* (pl. xix, f. 2), p. 131; **Microspingus* (n. g.) *trifasciatus* (pl. xix, f. 1), **Chlorospingus cinereocephalus*, **Spermophila simplex*, p. 132; **Sycalis raimondii*, **Ochtheca thoracica*, p. 133; **Muscisaxicola rufipennis*, **Leptopogon auritus*, p. 134; *Pogonotriccus ophthalmicus*, *Doliornis* (g. n.) *eclateri* (pl. xx), **Corythopsis humivagans*, **Herpsilochmus motacilloides*, p. 136; *Myrmotherula atrogularis*, **Thripadectes scrutator*, p. 137; **Scytalopus sylvestris*, *Thalurania jelskii*, **Helianthea dichrourea*, p. 138; *Metallura hedvigæ* (pl. xxi, f. 2), **Eriocnemis sapphiropygia*, p. 139; *Lamproaster* (n. g.) *branicikii*, pl. xxi, f. 1, p. 140, spp. nn.; those marked with an asterisk being from C. Jelski's MS. Cf. *J. f. O.*, 1873, pp. 64-68, 315-320; 1874, pp. 97-100.

1874. TACZANOWSKI, L. Liste des Oiseaux recueillis par M. Constantin Jelski dans la partie centrale du Pérou Occidental. < *P. Z. S.*, Nov. 3, 1874, pp. 501-565, pll. lxiv, lkv.

Most of the new Peruvian birds discovered by Jelski had been described by Cabanis in *J. f. O.*, 1873, and by Taczanowski in *P. Z. S.*, 1874, when the latter drew up the present important article, giving a complete list of the 490 species secured by the intrepid and indefatigable traveller during the three years he passed in exploring the narrow but interesting region comprised between Lima, Huanta, Monterico, Farma, and Junin, which is situated in the Cordilleras, and therefore presents a marvellously rich avifauna, composed of species living from torrid regions to the line of perpetual snow. The following 19 species are here described as new:—*Anthus brevirostris*, *A. calcaratus*, p. 507; *Conirostrum cyaneum*, p. 512; *Buarremon mystacalis*, p. 515; *B. tricolor*, p. 516; *Chlorospingus chrysogaster*, p. 517; *Spermophila obscura*, p. 519; *Pipilo mystacalis*, p. 521; *Geositta saxicolina*, p. 524; *Upucerthia serrana*, p. 525; *Anabazenops cabanisi*, p. 528; *Ochthodicteta signatus*, p. 532; *Rhyncocycilus peruvianus*, p. 537; *Myiobius superciliosus*, p. 538; *Empidonax andinus*, p. 539; *Leucippus pallidus*, p. 542; *Hypoxanthus brevirostris*, p. 546; *Gallinago andina*, p. 561; *Nothoprocta branicikii*, p. 563.—Pl. xlv, *Turdus nigriceps*. Pl. xlv, *Buarremon tricolor*.—The text is chiefly descriptive, biographical, and critical.

1875. DUBUS, A. Descriptions de Quelques Oiseaux Nouveaux. < *Bull. Acad. Roy. Belg.*, 2d ser., xl, No. 12, Dec., 1875, pp. 13-17.

Cyanocitta yucatanica, p. 13, Yucatan; *Icterus virescens*, p. 15, Mexico; *I. xanthornus* var. *a. dubusi*, p. 16, Panama; *I. xanthornus* var. *marginalis*, p. 17, Panama.—Not seen.

1875. LAWRENCE, G. N. Descriptions of five new Species of American Birds. < *Ibis*, 3d ser., v, July, 1875, pp. 383-387, pl. ix.

Chlorospingus? speculiferus, p. 383, pl. ix, f. 1; *C. nigrifrons*, p. 384; *Serpophaga leucura*, p. 384, pl. ix, f. 2; *Orchilus atricapillus*, p. 385; *Empidonax nanus*, p. 386.

1875. PELZELN, A. V. On some Birds from Spanish Guiana collected by Herr Münzberg. < *Ibis*, 3d ser., v, July, 1875, pp. 329-332.

24 spp.; among them *Machetes pugnax*! *Heleodytes bicolor*, p. 330, sp. n.

1875. PHILIPPI, R. A. Escursion al cajon de los Cipreses en la hacienda de Cauquenes (Rancagua). < *Anales Univ. Chile*, tomo xlvii, 1^a secc., 1875, pp. 651-670.

La Fauna del Valle, p. 670.—*Conurus cyanolysios*, *Attagis gayana*.

1875. SALVIN, O. Additional [cf. *Ibis*, 1871, p. 178; 1874, p. 81] Notes on the Birds of the Islands of Masafuera and Juan Fernandez. < *Ibis*, 3d ser., v, July, 1875, pp. 370-377.

Buteo exsul, p. 371; *Estrelata externa*, p. 373, spp. nn. Letter from E. Oustalet on type of *Puffinus sericeus* Less. List of 17 known species of the two islands.

1875. SCLATER, P. L., and SALVIN, O. On Venezuelan Birds collected by Mr. A. Goering. Part V. < *P. Z. S.*, Mar. 16, 1875, pp. 234-238, pl. xxxv.

List of 42 + 33 spp., with notes on 7 of them. *Buarremon castaneifrons*, p. 235, pl. xxxv, f. 1; *Chlorospingus chrysophrys*, p. 235; *Chloronerpes xanthochlorus*, p. 238, spp. nn. Pl. xxxv, f. 2, *Buarremon taczanowskii*.

1875. SCLATER, P. L., and SALVIN, O. Description of two new Species of Birds from the State of Antioquia, U. S. C. < *P. Z. S.*, Nov. 2, 1875, pp. 541-542.

Catharus pheocephalus, p. 541; *Automolus holostictus*, p. 542.

1876. ALLEN, J. A. Exploration of Lake Titicaca, by Alexander Agassiz and S. W. Garman. III. List of Mammals and Birds. By J. A. Allen, with Field-Notes by Mr. Garman. < *Bull. Mus. Comp. Zool.*, iii, No. 15, July, 1876, pp. 349-359.

An annotated list of 69 spp. of birds, pp. 353-359. *Falcinellus ridgwayi*, *Gallinula garmani*, spp. nn. Cf. *Ibis*, 4th ser., i, 1877, pp. 119, 120.

1876. A[ILEN], J. A. Description of new species of American Birds. < *Bull. Nutt. Ornith. Club*, i, No. 2, July, 1876, p. 47.
Notice of two recent papers by G. N. Lawrence in *Ann. Lye. N. Y. and Ibis*.
1876. BROWN, C. B. Canoe and Camp Life in British Guiana. By C. Barrington Brown, Assoc. R. S. M., late Government Surveyor in British Guiana. London: Stanford. 1876. 1 vol. 8vo.
Not seen: cited from *Ibis*, 1877, p. 239, where favorably noticed. It is said to be replete with natural history notes, many of which relate to birds, and among which are some of novelty or other special interest.
1876. DURNFORD, H. Ornithological Notes from the Neighbourhood of Buenos Ayres. < *Ibis*, 3d ser., vi, April, 1876, pp. 157-166.
1876. [HOTCHKISS, TRUMAN.] South American Game Birds. < *Scientific American* of Sept. 3, 1876.
Reprinted in *Forest and Stream*, vii, Oct. 12, 1876, p. 148.
1876. NAPP, R. Argentine Republic. Buenos Ayres. 1876. 8vo. pp. 560, 5 maps.
Not seen.
1876. ORTON, J. The Andes and the Amazon; or across the Continent of South America. By James Orton, A. M. Third edition, revised and enlarged, containing notes of a second journey across the continent from Para to Lima and Lake Titicaca. New York: 1876. 8vo.
Not seen; nor do I know the date of the original or 2d edition. Cf. *Ibis*, 1877, p. 373.
1876. PELZELN, A. v. Ueber eine weitere Sendung von Vögeln aus Ecuador. < *Verh. (Abh.) d. k.-k. zool.-bot. Gesellsch. zu Wien*, Dec. 6, 1876, pp. 765-772.
Ein ausführliches Verzeichniss der Arten, theilweise mit Anmerkungen versehen. Cf. *Ibis*, 1877, p. 383.
1876. SALVIN, O. On some new Species of Birds from Western Ecuador. < *Ibis*, 3d ser., vi, 1876, pp. 493-496, pl. xiv.
Euscarthmus ocularis, p. 493; *Formicivora speciosa*, p. 494; *Capito squamatus*, p. 494, pl. xiv; *Pionopsitta pyrrhops*, p. 495; *Leucopternis occidentalis*, p. 496.
1876. SALVIN, O. On the Avifauna of the Galapagos Archipelago. < *Trans. Zool. Soc. Lond.*, vol. ix, pt. ix, May, 1876, art. x, pp. 447-510, pls. lxxxiv-lxxxix, many woodcc.
This important paper contains:—Introductory remarks, physical and historical, including Dr. Habel's account of his visit (cf. *P. Z. S.*, 1870, pp. 322-327), p. 447. Short account of the literature of the subject, p. 461. List of the birds, with remarks on their relationships with those of other countries, a, as to species, b, as to genera, c, as to families, p. 463. Summary of the birds of each island, p. 466. On the variation of the species in certain genera (*Geospiza*, *Cactornis*, *Camarhynchus*), and consequent difficulty of defining them, p. 469. Account of each species, with synonymy, description, distribution, biography, and general remarks, p. 471. Conclusions, p. 509.
Families 20; genera 39, of which 27 are wide-ranging; species 57, of which 38, or more than 66 per cent., are peculiar to the islands; 21 water-birds, 36 land-birds. Pl. lxxxiv, map of the Archipelago; lxxxv, *Camarhynchus variegatus*; lxxxvi, *C. habeli*; lxxxvii, *Larus fuliginosus*; lxxxviii, ff. 1, 2, *Œstreolata phæopygia*, sp. n., p. 507; f. 2, *Procellaria tethys*; lxxxix, *Spheniscus mendiculus*. Also, heads, etc., of the species of *Geospiza*, *Cactornis*, and *Camarhynchus* figured in the numerous woodcuts. Dr. Habel's field-notes *passim*; his new species were previously described by S. & S., *P. Z. S.*, 1870, pp. 322-327, q. v.
Original date of *Creagrus* Bp., 1853; also pub. in 1854 in separates of a paper in *Rev. Zool.*, Jan., 1855.
1876. SCLATER, P. L. On some additional Species of Birds from St. Lucia, West Indies. < *P. Z. S.*, Jan. 4, 1876, pp. 13, 14, pl. ii.
Cf. *P. Z. S.*, 1871, p. 263, and 1872, p. 647.—List of 8 spp. *Thryothorus mesoleucus*, *Leucopseza* (g. n.) *semperi* (pl. ii), p. 14, spp. nn.
1876. SCLATER, P. L., and SALVIN, O. On Peruvian Birds collected by Mr. Whitely.—Part IX. < *P. Z. S.*, Jan. 4, 1876, pp. 15-19, pl. iii.
List of 65 spp., with remarks on 9 of them. *Thamnophilus melanchrous*, p. 18, pl. iii; *Columba albipennis*, p. 18, spp. nn.

1876. SCLATER, P. L., and SALVIN, O. Descriptions of new Birds obtained by Mr. C. Buckley in Bolivia. <P. Z. S., Feb. 1, 1876, pp. 253, 254.
Diglossa glauca, p. 253; *Buarremon melanops*, p. 253; *Leptopogon tristis*, p. 254; *Hypoxanthus atriceps*, p. 254.
1876. SCLATER, P. L., and SALVIN, O. On new Species of Bolivian Birds. <P. Z. S., Apr. 4, 1876, pp. 352-358, pll. xxx-xxxiii, woodcc.
Catharus mentalis, *Basileuterus euophrys*, p. 352; *Malacothraupis* (g. n.) *dentata* (pl. xxxi), fig. on p. 353, *Calliste punctulata*, p. 353; *C. fulvicervix* (pl. xxx, f. 1), *C. argyrofenges* (pl. xxx, f. 2), *Chlorospingus calophrys*, *Cyanocorax nigriceps*, *Ochthodiaeta fuscoviridis*, p. 354; *Ochthoeca pulchella*, *Aneretes flaviviridis*, *Lathria uropygialis* (pl. xxxii, fig. on p. 356), p. 355; *Grallaria erythrotis*, *Thamnophilus subfasciatus* (pl. xxxiii), *Asturina saturata*, p. 357.
1877. ALLEN, J. A. List of Birds collected by Mr. Charles Linden, near Santarem, Brazil. <Bull. Essex Inst., viii, No. 8, 1876, pp. 78-83. (Pub. Feb., 1877.)
 Annotated list of 128 spp.; *Coccyus lindeni*, sp. n.
1877. DURNFORD, H. Notes on some Birds observed in the Chuput Valley, Patagonia, and in the neighbouring District. <Ibis, 4th ser., i, 1877, pp. 27-46.
 Extended field-notes on about 62 spp.
1877. DURNFORD, H. Notes on the Birds of the Province of Buenos Ayres. <Ibis, 4th ser., i, 1877, pp. 166-203, pl. iii.
 Excellent field-notes on 144 spp., with some little editorial criticism. *Porzana spiloptera* "Burm. MS.", p. 194, pl. iii, sp. n.
1877. EDITORS. Allen's 'Birds of Lake Titicaca.' <Ibis, 4th ser., i, 1877, pp. 119, 120.
 Review of that paper.
1877. EDITORS. Brown's Travels in British Guiana. <Ibis, 4th ser., i, 1877, p. 237.
 Notice of the work of that name.
1877. EDITORS. Pelzelin on Birds from Ecuador. <Ibis, 4th ser., i, 1877, p. 383.
 A notice of the paper in Verh. (Abh.) zool.-bot. Gesch. zu Wien, 1876, pp. 765-772.
1877. EDITORS. Roraima and its mysteries. <Ibis, 4th ser., i, 1877, pp. 399, 400.
 A propos of C. B. Brown's work on British Guiana, 1876, q. v. The article is chiefly an extract from the London Spectator, date unknown to me.
1877. ERNST, A. Estudios | sobre la | Flora y Fauna | de Venezuela | por | A. Ernst. | — | Caracas | Imprenta federal | . . . | 1877. 4°. 2 p. ll., pp. 211-330.
 Catálogo sistemático de las especies de Aves que han sido observadas hasta ahora en los Estados Unidos de Venezuela, pp. 293-316. 315 géneros y 556 especies.—Publicado en el Primer Anuario Estadístico, Caracas, 1877.
1877. LAWRENCE, G. N. Descriptions of New Species of Birds from the Island of Dominica. <Ann. N. Y. Acad. Sci., i, Oct., 1877, pp. 46-49.
Thryothorus rufescens, *Dendroica plumbea*, *Myiarchus oberi*, spp. nn. Cf. Bull. Nutt. Ornith. Club, iv, Jan., 1879, pp. 48, 49.
1877. LAWRENCE, G. N. A Provisional List of the Birds Procured and Noticed by Mr. Fred. A. Ober in the Island of Dominica. <Forest and Stream, ix, Dec. 6, 1877, p. 345.
 Provisional list of 56 spp., anticipating the final paper in Proc. U. S. Nat. Mus., 1878, q. v.
1877. REED, E. C. Apuntes de la Zoología de la Hacienda de Cauquenes, Provincia de Colchagua [Chile], por Edwyn C. Reed. Santiago de Chile. 1877. 8vo.
 Not seen. Cf. Ibis, Oct., 1878, pp. 485, 486.
1877. SCLATER, P. L., and SALVIN, O. Descriptions of eight new Species of South-American Birds. <P. Z. S., Jan. 2, 1877, pp. 18-22, pl. i.
Euphonia fasschi (Demerara), *Pheucticus crissalis* (Ecuador), *Ochthoeca leucometopa* (Western Peru), p. 19; *O. arenacea* (Columbia), *Chloronerpes dignus* (Columbia) (pl. i), p. 20; *Celeus subflavus* (Bahia), *Chamaepelia buckleyi* (Santa Rita, Rep. Equat.), p. 21; *Crax erythrogna*, p. 22.

1877. SCLATER, P. L., and SALVIN, O. Descriptions of six new Species of South-American Birds. <P. Z. S., June 5, 1877, pp. 521-523, pl. lii.
Basileuterus castaneiceps, *Euphonia insignis* (pl. lii, f. 1), *Chlorospingus phaeocephalus* (pl. lii, f. 2), p. 521; *Todirostrum rufigene*, *Lathria cryptolopha*, *Fuligula nationi*, p. 522, from collections made in Peru and Ecuador.
1877. SHARPE, R. B. Account of the Zoological Collection made during the visit of H. M. S. 'Petrel' to the Galapagos Islands. Communicated by Dr. Albert Günther, . . . <P. Z. S., Feb. 6, 1877, pp. 64-93.
 I. BIRDS. By R. Bowdler Sharpe, pp. 65, 66, 4 spp.; *Mimus parvulus*, *Dendroica aureola*, *Geospiza fuliginosa*, *Pyrocephalus nanus*.
1877. TACZANOWSKI, L. Liste des Oiseaux recueillis au nord du Pérou occidental par MM. Jelski et Stolzmann. <P. Z. S., 1877, pp. 319 —, pl. xxxvi.
 Not seen. (Part ii of this volume missing from my set.)
1877. TACZANOWSKI, L. Supplément à la Liste des Oiseaux recueillis au nord du Pérou occidental par MM. Jelski et Stolzmann. <P. Z. S., Nov. 6, 1877, pp. 744-754.
 Un séjour prolongé aux environs de Tumbez ayant procuré aux voyageurs plusieurs espèces qui n'étaient pas fournies dans les envois précédents (voir tome cit. pp. 319 —), ces oiseaux sont ici indiqués, au nombre de 31; ce qui joint à 72 esp. de la liste précédente, fait en tout 103 espèces des environs de Tumbez qui n'étaient pas trouvées dans le Pérou central par M. Jelski.—*Penelope albipennis*, p. 746; *Rallus cypereti* Stolzmann. MS., p. 747, spp. nn.
1878. BISHOP, N. H. Notes on the Illustrations in Don Juan Lembeye's "Birds of the Island of Cuba." <Forest and Stream, x, July 25, 1878, p. 482.
 Very unfavorable to the author here criticised.
1878. BOUCARD, A. On Birds collected in Costa Rica. <P. Z. S., Jan. 15, 1878, pp. 37-71, pl. iv.
 This interesting paper gives notes, both field and critical, upon 258 spp. collected by the author himself during the five months spent in the country, with headquarters at San José, the capital. This is just half the total recorded number of Costa Rican birds, 520. Many varieties were secured, though only one novelty, as the ground had already been well worked over by several explorers, as set forth in the papers of Lawrence, Salvin, Cabanis, and others.—*Zonotrichia vulcani*, p. 57, pl. iv, sp. n.
1878. CABANIS, J. Ueber eine Sammlung von Vögeln der Argentinischen Republik. <J. f. O., Apr., 1878, pp. 194-199.
 Da dieser Jahrgang gerade gebunden wurde, war es mir nicht möglich denselben einzusehen.
1878. DURNFORD, H. Notes on the Birds of the Province of Buenos Ayres. <Ibis, 4th ser., ii, 1878, pp. 58-69.
 Not seen. (This volume of the *Ibis* is at the binder's.)
1878. DURNFORD, H. Notes on the Birds of Central Patagonia. <Ibis, 4th ser., ii, No. 8, Oct., 1878, pp. 389-406.
 Not seen. (This volume of the *Ibis* is at the binder's.)
1878. [GRINNELL, G. B.] New Birds from the West Indies. <Forest and Stream, x, July 25, 1878, p. 483.
 Comments upon recent collections by Fred. A. Ober.
1878. [GRINNELL, G. B.] Four New Birds from the West Indies. <Forest and Stream, xi, Aug. 8, 1878, p. 2.
 Notice of F. A. Ober's collections.
1878. [GRINNELL, G. B.] Birds of Dominica and St. Vincent. <Forest and Stream, xi, Nov. 21, 1878, p. 320.
 Notice of George N. Lawrence's catalogues of F. Ober's ornithological collections in the West Indies.
1878. [GRINNELL, G. B.] Frederick A. Ober ("Fred Beverly.") <Forest and Stream, xi, Nov. 21, 1878, p. 327.
 Portrait and brief biographical notice.

1878. GUNDLACH, J. Neue Beiträge zur Ornithologie der Insel Portorico. < *J. f. O.*, Apr., 1878, pp. 157-194.
Dieses Buch befindet sich beim Buchbinder und ist mir deshalb nicht zugänglich.
1878. LAWRENCE, G. N. Descriptions of Seven New Species of Birds from the Island of St. Vincent, West Indies. < *Ann. N. Y. Acad. Sci.*, i, No. 5, June, 1878, pp. 147-153.
Turdus nigrirostris, *Myiadestes sibilans*, *Thryothorus musicus*, *Certhiola atrata*, *C. saccharina*, *Leucopoea bishopi*, *Calliste versicolor*. Cf. *Ibis*, Oct., 1878, p. 468; *Bull. Nutt. Ornith. Club*, iv, 1879, pp. 48, 49.
1878. LAWRENCE, G. N. Descriptions of Supposed New Species of Birds from the Islands of Grenada and Dominica, West Indies. < *Ann. N. Y. Acad. Sci.*, i, July, 1878, pp. 160-163.
Turdus caribbeus (Grenada), *Thryothorus grenadensis* (Grenada), *Blacicus brunneicapillus* (Dominica), *Quiscalus luminosus* (Grenada). Cf. *Bull. Nutt. Ornith. Club*, iv, Jan., 1879, pp. 48, 49.
1878. LAWRENCE, G. N. Catalogue of the Birds of Dominica from Collections made for the Smithsonian Institution by Frederick A. Ober, together with his Notes and Observations. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. July, 1878), pp. 48-69.
Fully annotated list of 59 spp.; collector's field-notes and sketch of the locality; author's critical commentary. *Vireosylva calidris* var. *dominicana*, p. 55; *Strix flammea* var. *nigrescens*, p. 64, varr. nn. Cf. *Bull. Nutt. Ornith. Club*, iv, Jan., 1879, pp. 48, 49.
1878. LAWRENCE, G. N. Catalogue of the Birds of St. Vincent, from Collections made by Mr. Fred. A. Ober, under the Direction of the Smithsonian Institution, with his Notes thereon. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. Oct., 1878), pp. 185-198.
Treats of 59 spp., 3 undetermined, with collector's field-notes and sketch of the island; author's critical commentary on several of the species. Seven new species of this collection were described just previously, in *Ann. N. Y. Acad. Sci.*, 1878, q. v. Cf. *Bull. Nutt. Ornith. Club*, iv, 1879 pp. 48, 49.
1878. LAWRENCE, G. N. Catalogue of the Birds of Antigua and Barbuda, from Collections made for the Smithsonian Institution, by Mr. Fred A. Ober, with his Observations. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. Dec., 1878), pp. 232-242.
From Antigua, 42 spp.; from Barbuda, 39 spp.; both lists fully annotated by Mr. Ober, with his field-notes. *Speotyto amaura*, p. 234, sp. n.
1878. PELZELN, A. V. Weitere Sendungen von Vögeln aus Ecuador. < *Verh. (Abh.) d. k.-k. zool.-bot. Gesellsch. zu Wien*, —, 1878, pp. 15-20.
Nicht selbst gesehen: Titel aus Ridgway's MS. citirt. Unter den beschriebenen interessanten Arten befinden sich *Urochroa bougueri*, *Urosticte ruficrissa*, *Bourcieria insectivora* und *Oyanocitta pulchra*. *Chlorochrysa sodiroi* sp. n. = *C. phaenicotis* ♀; cf. *Ibis*, 1878, pp. 478, 479.
1878. SCLATER, P. L., and SALVIN, O. On the Collection of Birds made by Prof. Steere in South America. < *P. Z. S.*, Feb. 5, 1878, pp. 135-142, pll. (Aves) xi-xiii, woodcc.
Prof. Steere collected about 911 bird-skins, from Pará to Callao, belonging to about 362 spp., 22 of which furnish the occasion for remark in this paper. Among them is *Xema sabinii*!—*Myiarchus semirufus* (pl. xi), p. 138; *Furnarius pileatus*, p. 139; *Capito steerii* (pl. xii), p. 140; *Crypturus transfasciatus* (pl. xiii), p. 141, spp. nn.
1878. SCLATER, P. L., and SALVIN, O. Reports on the Collections of Birds made during the voyage of H. M. S. 'Challenger.'—No. IX. On the Birds of Antarctic America. < *P. Z. S.*, Apr. 16, 1878, pp. 431-438.
Report on 41 spp. collected on the voyage from Juan Fernandez, along the coast of Patagonia, to the Falklands. It is little more than a list of the specimens, with collector's notes, though some technic occurs.
1878. SCLATER, P. L., and SALVIN, O. Descriptions of three new Species of Birds from Ecuador. < *P. Z. S.*, Apr. 16, 1878, pp. 438-440, pll. (Aves) xxvii, xxviii.
Buarremon leucopis, *Neomorphus radiolosus*, pl. xxvii, *Aramides calopteryx*, pl. xxviii, p. 439.

1878. SPENCE, J. M. The Land of Bolivar, or War, Peace, and Adventure in the Republic of Venezuela. With maps and illustrations. . . . London: Sampson Low & Co. 1878. 2 vols. 8vo.
Not seen: contains a catalogue of birds, reprinted from *P. Z. S.*, 1873, pp. 511, 512.
1879. ALLEN, J. A. Lawrence and Ober on the Birds of Dominica and St. Vincent. < *Bull. Nutt. Ornith. Club*, iv, No. 1, Jan., 1879, pp. 48, 49.
Notices of five of G. N. Lawrence's recent papers on F. A. Ober's collections in the Lesser Antilles, in *Ann. N. Y. Acad.* and *Proc. Nat. Mus.*
1879. LAWRENCE, G. N. Catalogue of the Birds of Grenada, from a Collection made by Mr. Fred. A. Ober for the Smithsonian Institution, including others seen by him, but not obtained. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. Feb., 1879), pp. 265-278.
Grenada, one of the Lesser Antillian Islands, about 12° N., 18½ miles long by 7½ broad. Mr. Ober's general remarks on the island, and his field-notes in the body of the article. Treats of 54 spp., represented in the collection by 66 specimens. *Vireosylva calidris* var. *dominicana*, p. 268; *Strix flammea* var. *nigrescens*, p. 273, varr. nn.?
1879. LAWRENCE, G. N. Catalogue of the Birds collected in Martinique by Mr. Fred. A. Ober for the Smithsonian Institution. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. Mar. 10, 1879), pp. 349-360.
Sketch of Martinique by Mr. Ober, and his copious field-notes throughout the list of 40 spp. Important note on *Dendroica rufigula* Baird, p. 353, and on *Quiscalus inflexirostris* Swains., p. 356. *Myiarchus sclateri*, p. 357, sp. n.
1879. LAWRENCE, G. N. Catalogue of a Collection of Birds obtained in Guadeloupe for the Smithsonian Institution, by Mr. Fred. A. Ober. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. Apr. 22, 1879), pp. 449-462.
Of the same characters as previous papers of this series. Mr. Ober collected in Guadeloupe in August and September, 1878, sending in 132 specimens, and noting 45 spp.
1879. LAWRENCE, G. N. A General Catalogue of the Birds noted from the Islands of the Lesser Antilles visited by Mr. Fred. A. Ober; with a Table showing their Distribution and those found in the United States. < *Proc. U. S. Nat. Mus.*, vol. i, 1878, (pub. 1879), pp. 486-488.
A résumé of the preceding catalogues in tabular form. All these papers of Mr. Lawrence's are also published separately, same pagination, with cover and new title-page.

ADDENDA.

I continue with a few titles acquired during the impression of the preceding pages.

1625. DE LAET, J. Nieuwe Wereldt | ofte | Beschrijvinghe | van | West-Indien, | wt veelerhande Schriften ende Aen-teekeningen | van verscheyden Natien by conuersamelt | Door Ioannes de Laet, | Ende met Noodighe Kaerten en Tafels voorsien. | Tot Leyden, | In de Druckerye van Isaack Elzevier. | Anno 1625. | Met Privilege der Ho. Mo. Heeren Staten Generael, voor 12 Jaren. | Folio. pp. (2), xxii, 526, maps.

Not seen: title from Sabin's *Bibl.* See ed. of 1630.

1630. DE LAET, J. Beschrijvinghe | van | West-Indien | door Ioannes de Laet. | Tweede Druck: | In ontallijcke plaetsen ver- | betert, vermeerdert, met eenige nieuwe Caerten, beelden van | verscheyden dieren ende | planten verciert. | Tot Leyden, bij de Elzeviers. A°. 1630. | Met Priuilegie. 1 vol. Folio. 14 p. ll., incl. half-title, eng. title, dedication, privilege, introduction, contents, list of (14) maps, and errata, pp. 1-622, 9 ll. (index), maps and other illustrations.

Orig. ed. 1625. This is the only edition of the famous work I have seen; I cite several others from Sabin's *Bibl.*

1633. DE LAET, J. *Novvs Orbis | seu | Descriptionis | Indiæ Occidentalis—Libri XVIII. | Authore | Ioanne de Laet Antverp. | Novis Tabulis Geographicis et variis | Animantium, Plantarum Fructuumque | Iconibus illustrati. | Cvm Privilegio. | Lvgd. Batav. apud Elsevirios. A°. 1633. 1 vol. Folio. 16 p. ll. incl. half-title, eng. title, and list of (14) maps, pp. 1-690, 9 ll. (index).*

1640. DE LAET, J. *L'Histoire | dv | Nouveau Monde | ou | description | des Indes Occidentales, | Contenant dix-huit Liures, | Par le Sieur Iean de Laet, d'Anuers; | Enrichi de nouvelles Tables Geographiques & Figures des | Animaux, Plantes & Fruicts. | [Dessin.] | A Leyde, | Chez Bonaaventure & Abraham Elseviers, Imprimeurs | ordinaires de l'Vniuersité. | — | CIO LOC XL. 1 vol. Folio. 14 p. ll., pp. 1-632, 6 ll., 14 maps.*

"This French translation of Laet contains many materials not found in the original Dutch. . . This work is full of the most excellent and curious details of the natural history, . . ."

1682. NIEUHOFF, J. *Johan Nienhofs | Gedenkweerdige | Brasiliaense | Zee-en Lant- | Reize. | Behelzende | Al het geen op dezelve is voorgevallen. | Beneffens | Een bondige beschrijving van gantsch | Neerlants Brasil, | Zoo van lantschappen, steden, dieren, gewassen, als | draghten, zeden en godsdienst der inwoonders: | En inzonderheit | Een wijtloopig verhael der merkwaardigste voorvallen | en geschiedenissen, die zich, geduurende zijn negenjarigh | verblijf in Brasil, in d'oorlogen en opstant der Portugesen | tegen d' onzen, zich sedert het jaer 1640. tot 1649. | hebben toegedragen. | Doorgaens verciert met verscheide afbeeldingen, na 't leven aldaer getekent. | [Afbeeld.] | t' Amsterdam, | — | Voor de Weduwe van Jacob van Meurs, op de Keizers-gracht. 1682. 1 vol. Folio. Eng. title, illum. title, dedication, arms, privilege, introduction, each one leaf; pp. 1-308, 2 ll. (directions to binder, and index); 44 engravings.*

See what is said *anted*, p. 241. In addition to this, there is on p. 281 a heading "Indiaense en Javaense vogels en viervoetige dieren"; under which descriptions of various East Indian and particularly Javan birds run to p. 288, including two engravings on which the Dodo and various other birds are figured.

The above is the full printed title. The work is scarcely citable in the present connection, being of a more general character.

1724. [LABAT, Père J. B.] *Nouveau | Voyage | [du Père Jean Baptiste Labat] | aux Isles | de l'Amerique. | Contenant | L'Histoire Naturelle de ces Pays, | l'Origine, les Mœurs, la Religion & le Gouvernement des | Habitans anciens & modernes: | Les Guerres & les Evenemens singuliers qui y sont arrivez pendant | le long séjour que l'Auteur y a fait: | le Commerce et les Manufactures | qui y sont établies, & les moyens de les augmenter. | Ouvrage enrichi d'un grand nombre de Cartes, Plans, & Figures en Taille-douce. | Tome premier [second]. | [Vignette.] | A la Haye, | Chez { P. Husson. T. Johnson. J. Van Duren. R. Alberts. P. Gosse } & C. Le Vier. | M. DCC. xxiv. 2 vols. 4to. Vol. I, 3 p. ll., pp. j-viii, 1-360, 2 ll., 47 maps and plates. Vol. II, 4 p. ll., pp. 1-520, 9 ll., many maps and plates.*

There are many editions. Sabin's *Bibl.* gives the following, besides the above:—Paris, 6 vols., 12mo, 1722.—La Haye, 6 vols., 12mo, 1724.—Paris, 8 vols., 12mo, 1742; augmented.—Paris, 8vo, 1831; abridged.—Dutch, Amsterdam, 4 vols., 4to, 1725.—Latin, Nürnberg, 7 vols., 12mo, 1782-88.

The celebrated work is very full on the Natural History of the West Indies, and ornithology comes in for its share of treatment; but the copious details are so scattered through the volumes that formal citation of the bird-matter becomes inconvenient.

1745. WARREN, G. *Impartial Description of Surinam, &c.*

The date of the original is said to be 1667. The only shape in which I have handled it is as a part of Vol. II of Osborne's "A Collection of Voyages and Travels", etc., folio, London, 1745, where it is given with a half-title-page as follows:—An impartial | Description | of | Surinam | upon the | Continent of Guinea | in | America. | With a | History of several strange

1745. WARREN, G.—Continued.

Beasts, Birds, Fishes, Serpents, In- | sects, and Customs of that Colony, &c. | Worthy the
Perusal of all, from the Experience of | George Warren, Gent. | pp. 919-931. Chap. IV.
Of the Birds; p. 924, a column of remarks, of no consequence.

1765. FERMIN, P. Histoire | Naturelle | de la | Hollande Equinoxiale: | ou | Description
| des Animaux, Plantes, Fruits, et autres | Curiosité's Naturelles, qui se
trouvent | dans la colonie de | Surinam; | avec Leurs Noms différents, tant
Francois, que Latins, | Hollandois, Indiens & Nègre-Anglois. | Par | Philippe
Fermin, | Docteur en Médecine. | [Vignette.] A Amsterdam, | Chez M. Magé-
rus, Libraire. MDCCLXV. 1 vol. 8vo. pp. i-xii, 1-240, 1 l.

Seconde Partie, Des Oiseaux, Poissons, et Testacées, pp. 57-108, where a few birds, fishes,
and mollusks are given in alphabetical order, mixed together, with slight descriptions, or
definitions of the names, of each.

1782. [PALLAS, P. S.] Beschreibung zweyer südamerikanischer merkwürdiger Vögel.
< Neue Nordische Beyträge, iii, 1782, pp. 1-7, pl. i.

1. Der kleine schwarze Kukul aus Surinam (*Cuculus tenebrosus*), p. 2, pl. i, f. 1. 2. Der
allerkleinste Specht oder Wendehals, aus Südamerika (*Picus minutissimus*), p. 5, pl. i, f. 2.

1793. WEST, H. Bidrag | til | beskrivelse | over St^e Croix | med en | kort Udsigt |
over | St. Thomas, St. Jean, Tortola, | Spanishtown og Crabeneiland. | Af |
H. West, | Rector ved det vestindiske Skole-Institut. | — | Kiöbenhavn,
1793. | Trykt hos Frederik Wilhelm Thiele. 1 vol. 16mo. 3 p. ll., 1-364,
folded sheet opp. p. 204.

This is the *ed. princ.*; there is another, German, Kopenhagen, 1794. The only bird-matter
consists of a list of 2 spp., on p. 317—*Ardea coerulea* and *Fulica chloropus* (= *Gallinula galeata*).

1810. LEDRU, A.-P. Voyage | aux Iles | de Ténériffe, | La Trinité, Saint-Thomas, |
Sainte-Croix et Porto-Ricco, | exécuté par ordre du Gouvernement Français, |
Depuis le 30 Septembre 1796 jusqu'au 7 Juin 1798, sous la | Direction du
Capitaine Baudin, pour faire des Recherches | et des Collections relatives à
l'Histoire Naturelle; | contenant | Des Observations sur le Climat, le Sol, la
Population, | l'Agriculture, les Productions de ces Iles, le Caractère, les |
Mœurs et le Commerce de leurs Habitants. | Par André-Pierre Ledru, | [etc.,
trois lignes.] | Ouvrage accompagné de notes et d'additions, | par M. Sonnini.
Avec une très-belle Carte gravée par J. B. Tardieu, d'après Lopez. | Tome
premier [second]. | A Paris, | Chez Arthur Bertrand, Libraire, rue Haute
feuille, n^o 23. | — | 1810. 2 vols. 16mo. Vol. I, 2 p. ll., pp. i-xlviii, 1-315, 1
l. Vol. II, 2 p. ll., pp. 1-324, 1 l., map.

Vol. I, Chap. XIII, Essai sur l'histoire naturelle de l'île de Ténériffe, pp. 176 et seq.
Oiseaux, pp. 177-185, par l'auteur. Notes sur les animaux dont il est question dans le
chapitre précédent, par Sonnini, pp. 219-231. Note sur le Pélecan, par Sonnini, pp. 245, 246.
Chap. XVI, Notice sur l'île de la Trinité, par l'auteur, pp. 247 et seq. Oiseaux, pp. 258-261.
Notes sur l'histoire, et particulièrement sur l'histoire naturelle de l'île de la Trinité, par Son-
nini, pp. 267 et seq. Oiseaux, pp. 296-307.—Vol. II, Chap. XIX, Essai sur l'histoire naturelle
des îles danoises, pp. 36 et seq. Oiseaux, pp. 38, 39. Chap. XXVIII, Histoire naturelle de
Porto-Ricco, pp. 194 et seq. Oiseaux, pp. 199-209. Addition à l'histoire naturelle de Porto-
Ricco, par Sonnini, pp. 255 et seq. Oiseaux, pp. 256-274.

1811. HUMBOLDT, A. v. Recueil d'Observations de Zoologie. 1811.

Not seen; said to contain a few brief notices of the birds of Colombia.

1811-12. LEDRU, A.-P. Reise nach den Inseln Ténériffa, Trinidad, St. Thomas, St.
Cruz, und Porto-Rico, . . . Aus dem Französischen, mit Bemerkungen
über Colonialwaaren von E. A. W. Zimmermann. Leipzig, 1811-12. 2 vols.
8vo.

Not seen: title from Sabin's *Bibl.*

1823-31. SPIX, J. B. v., and MARTIUS, C. F. P. v. Reise | in | Brasilien | auf Befehl
Sr. Majestät | Maximilian Joseph I. | Königs von Baiern | in den Jahren
1817 bis 1820 gemacht und beschrieben | von | Dr. Joh. Bapt. von Spix, | [etc.,
3 Zeilen,] | und Dr. Carl Friedr. Phil. von Martius, | [etc., 3 Zeilen.] | Erster

1823-31. SPIX, J. B. v., and MARTIUS, C. F. P. v.—Continued.

[—dritter] Theil. | — | München, 1823 [1828, 1831]. . . . 3 vols. 4to.—
Erster Theil, München, 1823, gedruckt bei M. Lindauer, 4 p. ll., pp. i-x, 1-412.
Zweiter Theil, bearbeitet und herausgegeben von Dr. C. F. P. von Martius,
München, 1828, gedruckt bei I. J. Leutner, pp. i-viii, 413-884, 1 l. Dritter
Theil, bearb. u. herausg. von Dr. C. F. P. von Martius, München, 1831, bei
dem Verfasser, Leipzig, in Comm. bei Friedr. Fleischer, pp. i-viii, 885-1388,
geographischer Anhang, 1 p. l., pp. 1-40, und Karte vom Amazonenstrom.

The copy examined contains no formal presentation of the ornithology, and only one map. There is an English translation of a portion of the work, 1824, *q. v.* The natural history is said to be contained in a special appendix to Theil III, and to be also found separate under the title „Die Pflanzen und Thiere des tropischen America“ u. s. w., München, 1831, gr. 4to mit 4 Taf. in-folio.

1824. SPIX, J. B. v., and MARTIUS, C. F. P. v. Travels | in | Brazil, | in the years |
1817-1820. | Undertaken by command of | His Majesty the King of Bavaria. |
By | Dr. Joh. Bapt. von Spix, | and Dr. C. F. Phil. von Martius, | [etc., 3
lines.] | — | Volume the first [second]. | — | London: | printed for | Long-
man, Hurst, Rees, Orme, Brown, and Green, | Paternoster-row. | 1824. 2 vols.
in 1. 8vo. Vol. I, pp. iii-xxii, 1-327, 4 pll. Vol. II, pp. iii-x, 1-298, 5 pll.

This is an English translation of *portions* of Spix and Martius's *Reise*, not of the whole work, which was not completed until 1831. It does not contain the natural history proper of the work, which is in the concluding part of the German work; only giving some little bird-matter incidentally, here and there. (See this Bibliography, *antea*, p. 250, at date of 1823-31.)

1831. WAGNER, J. A. Beiträge | zur | Kenntniss der warmblütigen Wirbelthiere |
Amerika's. | Von | Professor Dr. Johann Andreas Wagner. | [n. d., n. p.
Kempten, 1831.] 1 vol. 4to. pp. 94, pll. v.

Diese mit Halbtitel versehene Broschüre enthält: Osteographische Beiträge zur Kenntniss einiger südamerikanischen Vögel. I. *Crypturus variegatus*, pp. 56-66, pl. iii, f. 1-6. II. *Dicholophus cristatus*, pp. 66-72, pl. iii, f. 7-11. III. *Psophia crepitans*, pp. 72-77, pl. iv, f. 1-4. IV. *Mycteria americana*, pp. 77-83, pl. iv, f. 5-7.

1831-35. KITTLITZ, F. H. v. Über einige Vögel von Chili, beobachtet im März und
Anfang April 1827. < *Mém. présentés à l'Acad. Imp. des Sci. de St.-Petersb. par
divers Savans Étranger*, i, 1831, pp. 173-194, pll. —?; ii, 1835, pp. 465-472, pll.
1-5. (Auch als Separat-Abdruck erschienen.)

I. 1831.—*Phytotoma silens*, p. 175; *Pteroptochos rubecula*, p. 179; *P. albicollis*, p. 180; *P. megapodius*, p. 182; *Troglodytes paradoxus*, p. 184; *Synnalaxis* [sic] *humicola*, p. 185; *S. aegithaloides*, p. 187; *Opetiorynchos* [sic] *rupestris*, p. 188; *Muscicapa parulus*, p. 190; *M. pyrope*, p. 191; *Fringilla diuca* (Mol.), p. 192; *Crypturus perdicarius*, p. 193. (Title calls for 12 colored plates; no plates found in copy examined.)

II. 1835.—13, *Tamnophtilus* [sic] *lividus*, p. 465, pl. 1; 14, *Sturnus aterrimus*, p. 467, pl. 2; 15, *Alauda fissirostris*, p. 468, pl. 3; 16, *Fringilla arvensis*, p. 470, pl. 4; 17, *Anas chalcopetra*, pl. 471, pl. 5 (lettered *chalconetra*).

Obs. This reference is often misquoted as if it were to the regular *Mém. de l'Acad. St.-Petersb.*

1833. SCHREIBER, [C. v.] Collectanea ad Faunam Braziliae.

Not seen. "M. Schreiber of Vienna commenced, in 1833, the 'Collectanea ad Faunam Braziliae', but only one number of that work was ever published."

1834. LESSON, R. P. Sur quelques Oiseaux du Chili. < *L'Institut*, ii, 1-34. No. 72,
p. 316. (Soc. des Sc. et Arts de Rochefort.)

Not seen: title from Carus and Engelmann.

1834-41. SWAINSON, W. The | Ornithological | Drawings | of | William Swainson |
Esq., A. C. G. | [etc., 4 lines.] | — | Part 5 [mut. mut.]. | The Birds of Brazil.
| — | London: | Baldwin & Cradock. | Treuttel. Würtz & Richter Paris, &
Strasbourg. | Oliver & Boyd, Edinburgh Robinson's Liverpool. | Robt.
Havell, 77, Oxford St. Price 7/. Cold. 10/6. Double Plates 15/. | [n. d.
"1834-1841."] 8vo. Engr. cover-title and 62 ("78") colored plates. "Pub.
in 7 parts."

The piece handled consists of 62 colored plates, without any text, there being only the engraved cover-title above transcribed. It is not dated; but there is pencilled in msc. of T. N.

1834-41. SWAINSON, W.—Continued.

Gill a date, "1834-1841"; and the same hand notes on the fly-leaf "Part 6 wanting", leaving it open to infer that there are several lots or "Parts". The number of Part "5" is also written, not printed; so that probably the same engraved title covers other parts. The dates above cited are presumed to be those of publication of the whole series. The plates are as follows; I do not know that these 62 (some cite "78") are all of them:—Pl. 1, *I[cterus] hæmorrhous*. 2, *O[assicus] affinis*. 3, *O. icteronotus*. 4, *O. nigerrimus*. 5, Blueheaded Tanager, "A." *cyanocephala*. 6, *A. citrinella*. 7, *A. cuculata*. 8, *A. cyanoptera*. 9, Long-billed Puff Bird, "*T[amatia ?] somnolenta*". 10, *T. leucotis*. 11, *T. maculata*. 12, *T. leucops*. 13, *T[rogodytes] æquinoctialis*. 14, *T. carinatus*. 15, *T. nititans*. 16, *Thryothorus striolatus*. 17, Black-masked Tanager, *R[hampho . . . ?] gularis*. 18, *R. coccineus*. 19, same, ♀. 20, *R. atro-coccineus*. 21, *T[rochilus] cristatus*. 22, *T. delalandii*. 23, *P[ipra] galeata*. 24, *Calyptura cristata*. 25, *P[ipra] strigilata*. 26, *Pepra* [sic] *manacus*. 27, Mango Hummingbird, young. 28, *L[ampornis] mango*. 29, *T[rochilus] auritus*. 30, *T. moschitus*. 31, Black-backed Tanager, "A." *melanotus* Sw. 32, *O[assicus] cristatus*. 33, *Lochmias squamulata* Sw. 34, *Lyppornis striata*. 35, *L. rubicula*. 36, *L. tenebrosa*. 37, *T[anagra] cana* Sw. 38, *T. olivascens* Licht. 39, *T. episcopus*. 40, *T. mornata* [sic—lege *inornata*]. 41, *T. caelestes*. 42, *T. ornata*. 43, Black-backed Tanager, "A." *melanotis* [sic—lege *melanotus*]. 44, *Pipra pareola*. 45, *P. caudata*. 46, *Tyrannula superciliosa*. 47, *T. megacephala*. 48, *T. modesta*. 49, *T. caniceps*. 50, *Tyrannus circumcinctus*. 51, *Megalophus regius*. 52, same. 53, *Tyrannula ferruginea*. 54, *T. curtipes*. 55, *Platyrus corniculatus*. 56, same, ♀. 57, *P. affinis*. 58, *Cyclarhis* [sic] *guianensis*. 59, *Thamnophilus naevius*. 60, *T. bicolor*. 61, *Trogon auratus*. 62, same, ♀. The complete series is said to consist of 78 plates, published in 7 parts. Other titles of the same thing in current quotation are: "Ornithological Drawings, being figures of the rarer and most interesting Birds of Brazil"; and "A selection of the Birds of Brazil and Mexico."

1836. KITTLITZ, F. H. v. Cinq nouvelles espèces d'Oiseaux du Chili. < *L'Institut*, iv, No. 190, 1836, p. 442.

Not seen: title from Carus and Engelmann. Compare 1831-35, same author. See, also, *Iris*, 1836, pp. 347-351.

1843. GOUDOT, J. Observations sur l'organisation et les habitudes du coq de roche péruvien (*Pipra peruviana*, Lath.), et du caurale (*Ardea helias*, Lin.). < *Guér. Mag. de Zool.*, 2^e sér., 1843, Ois., pp. 1-4, pll. 37, 38.

Pl. 37, œuf du *Eupiccola peruviana*; pl. 38, œuf de l'*Eurypyga phalœnoides*.

1848. SCHOMBURGK, R. H. The | History of Barbadoes; | comprising | a geographical and statistical | description of the Island; | a sketch of the | historical events since the settlement; | and an account of its | geology and natural productions. | By | Sir Robert H. Schomburgk, Ph. D., [etc., 6 lines.] | [Seal.] | London: | Longman, Brown, Green and Longmans. | 1848. 1 vol. Roy. 8vo. pp. i-xxii, 1-722, frontisp., eng. title, 7 other plates, 13 woodcc., folding sheet opp. p. 686.

Part III, Chap. V, Animated Nature as developed in the Barbadoes, . . . Birds, pp. 680-682; an inconsiderable list, preceded by a few general observations.

1863. PHILIPPI, R. A., and LANDBECK, L. Beschreibung einer neuen Ente und einer neuen Seeschwalbe. < *Arch. f. Naturg.*, —, 1863, pp. 202 —.

Not seen.—*Querquedula angustirostris*, *Sterna atrofasciata*, aus Südamerika.

1866. [GUYON, —.] Ueber die Thiere, die auf den Inseln Martinique und Guadeloupe seit der Besitznahme durch die Franzosen verschwunden sind. < *Aus der Natur*, xxxviii, oder n. F. xxvi, 1866, pp. 730-733.

Auszug aus den *Compt. Rend.*, lxxiii, 1866, pp. 589-593.

INDEX.

A.—AUTHORS.

[NOTE.—With catch-titles. Chronological arrangement under each head. Joint-authorships under leading name. Figures refer to dates under which titles are alphabetized: double dates are found in the Bibliography at end of series of single dates; thus, 1877-78 at end of 1877. Anonymous, pseudonymous, editorial, and initial titles mostly omitted.]

ABBOTT, C. C.

Notes on Birds of the Falkland Islands, 1860, 1861.

ABBOTT, S. L.

Remarks on Birds from Surinam, 1844.

ALBRECHT.

Zur Ornithologie Cuba's, 1861.

Zur Ornithologie von Jamaica, 1862.

ALLEN.

Exploration of Lake Titicaca, 1876.

Review of Lawrence's Papers, 1876.

Birds collected by Linden in Brazil, 1877.

ARBOLEYA.

Manual de la Isla de Cuba, 1852.

AZARA.

Apuntamientos, 1802-05, 1809.

BAIRD.

List of Birds of Mexico, Central and South America not in Smithsonian Institution, 1863.

Dates of Publication of Anales Univ. Chile and Arch. f. Naturg., 1866.

BANCROFT.

Natural History of Guiana, 1769, 1769.

BATES.

Naturalist on the Amazon, 1863, 1864.

BECKLEMICHEW.

Deux Oiseaux Nouveaux du Brésil, 1829.

BELL.

Wildfowl of Jamaica, 1868.

BELLO Y ESPINOSA.

Zoologische Notizen aus Porto Rico, 1871.

BENVENUTI.

Descrizione di quattro Trochilidi e di una Dendroeca, 1866.

BERLEPSCH.

Zur Ornith. der Provinz Sta. Catharina, 1873-74.

BERNSEE.

On Birds of the East Falklands, 1855.

BISHOP.

The Pampas and Andes, 1869.

Notes on Lembeye's 'Birds', 1878.

BOECK.

Über die Ornithologie der Provinz Valdivia, 1855.

BOISSONNEAU.

Oiseaux Nouveaux de Santa-Fé de Bogota, 1840, 1840.

BOLLE.

Guano-Gewinnung auf den Chincha-Inseln, 1861.

BONAPARTE.

Descriptions of Ten South American Birds, 1825.

Notes to former paper, 1825.

Catalogue Méthodique des Oiseaux recueillis à Cayenne par Desplanches, 1857.

Notices and Descriptions of Birds from Mexico and South America, 1837.

Catalogo di Uccelli Messicani e Peruviani, 1838.

Catalogue d'Oiseaux du Mexique et du Pérou, 1840.

BONYAN.

On Raptorial Birds of British Guiana, 1851, 1853.

BOUCARD.

On Birds collected in Costa Rica, 1878.

BREDOW.

Auszüge aus den Schreiben des reisenden C. Moritz in Süd-Amerika, 1837.

BREWER.

List of Birds of Cuba, 1859.

BRIDGES.

Notes on Birds from Chile, 1841.

Notice of Bolivian Birds, 1846.

Additional Notes on South American Ornithology, 1847, 1847.

BROWN, C. B.

Canoe and Camp Life in British Guiana, 1876.

- BROWNE, P.**
Jamaica, 1756, 1789.
- BRYANT.**
On Two Birds from Bogota, 1859.
Vögel von Porto Rico, 1866.
List of Birds from Porto Rico presented by Swift and Latimer, 1866.
List of the Birds of St. Domingo, 1867.
- BURMEISTER.**
Ueber die Eier und Nester einiger brasilianischer Vögel, 1853.
Systematische Uebersicht der Thiere Brasiliens, 1856.
Erläuterungen zur Fauna Bras., 1856.
Briefliches aus Mendoza, 1858.
Systematisches Verz. der in den La Plata Staaten beobachteten Vögel, 1860.
Reise durch die La Plata Staaten, 1861.
Contrib. to the Ornithology of the Argentine Republic, 1868.
- CABANIS.**
Tschudi's Fauna Peruana, 1845-46.
Schomburgk's Reisen in Britisch Guiana, 1848.
Uebersicht der im Berliner Mus. befindlichen Vögel von Costa Rica, 1861-69.
Neue peruanische Vögel Jelski's, 1873.
Uebers. der von Euler in Cantagallo, Rio de Janeiro, ges. Vögel, 1874.
Neue peruanische Vögel Jelski's, 1874.
Sammlung von Vögeln der Argentinischen Republik, 1878.
- CABOT.**
New Birds from Yucatan, 1843.
Descr. and Habits of some Birds of Yucatan, 1844.
Further Accounts of Birds of Yucatan, 1845.
Himantopus nigricollis and Anhinga carolinensis, 1845.
Stephens's Incidents of Travel in Yucatan, 1848.
- CASSIN.**
Gilliss's U. S. Naval Astron. Exped., 1855.
Cat. of Birds collected by Swift in St. Thomas, 1860.
Page's La Plata, etc., 1859.
Catalogue of Birds collected during survey for a Ship Canal across Isthmus of Darien, 1860.
Catalogue of Birds from St. Thomas, 1860.
Notes on some Birds of South America, 1864.
- CASSIN.—Continued.**
On some Conirostral Birds from Costa Rica, 1865.
- CASTELNAU.**
Considérations sur l'Ornith. de l'Amér. tropicale, 1848, 1848, 1848.
- CLAYTON.**
Account of the Falkland Islands, 1776.
- CONDAMINE.**
Voyage dans l'Amérique mérid., 1749.
- CORNALIA.**
Vertebratorum Synopsis, etc., 1849.
- COPE.**
Birds of Palestine and Panama, 1868.
- CUNNINGHAM.**
Letters on South American Ornithology, 1868.
Letters on Birds of Straits of Magellan, 1869.
Notes on the Nat. Hist. of Straits of Magellan and Patagonia, 1870.
Fauna of the Strait of Magellan, 1871.
- DE LAET.**
Nieuwe Wereldt, 1625, (p. 305).
Beschrijvinghe van West-Indien, 1625, (p. 305).
Novvs Orbis, 1633, (p. 306).
L'Histoire du Nouv. Monde, 1640, (p. 306).
- DES MURS.**
Quelques espèces nouvelles d'Oiseaux, 1845.
Ois. nouv. ou rares de l'Amér. du Sud, 1855 or 1856.
Expéd. de M. Castelnau, 1856.
- DENNY.**
Geographical Distribution of West Indian Birds, 1847.
- DESCOURTILZ.**
Ornithologie Brésilienne, 1854-56.
- DE VERTEUIL.**
Trinidad, 1858.
- DEVILLE.**
Ois. nouv. de l'Amér. mérid., 1849.
Quatre Ois. nouv. provenant de l'Expéd. de M. Castelnau, 1851.
Observations faites en Amérique, etc., 1852.
- DOBRIZHOFFER.**
Historia de Abiponibus, 1784, 1822.
- DUBUS.**
Ueber einige neue Vögel aus Amerika, 1848.
Quelques Ois. nouveaux, 1875.
- DURNFORD.**
Notes from Buenos Ayres, 1876.

DURNFORD.—Continued.

Birds observed in the Chuput Valley,
1877.

Birds of the Province of Buenos Ayres,
1877, 1878.

Birds of Central Patagonia, 1878.

ERNST.

Apuntos para la fauna ornitológica de
Venezuela, 1870.

Flora y Fauna de Venezuela, 1877.

EULER.

Beob. zur Naturg.—der Vögel Brasiliens,
1867–69.

FAHLBERG.

Til Natural-Historien öfver ön St. Bar-
thelemi, 1786.

FERMIN.

Hist. Nat. de la Hollande Equinoxiale,
1765, (p. 307).

FÉRUSSAC.

Voyage de M. A. d'Orbigny, 1829.

FINSCH.

Collection of Birds from Trinidad, 1870.

FISCHER.

Sur les Oiseaux envoyés par M. Coffrane
de Bahia, 1830.

FRANTZIUS.

Ueber die geogr. Verbreitung der Vögel
Costarica's, 1869.

FRASER.

New Birds from Bogota, 1840.

Bridges's South American Birds, 1843.

On Chilian Birds, 1845, 1845.

FRAUENFELD.

Ueber den Aufenthalt in Valparaiso,
1860.

GARDNER.

Notes of Birds in Brazil, 1847.

GARNOT.

Remarques sur la Zoologie des Isles
Malouines, 1826.

Notice of the Zoology of the Falklands,
1827.

Ueber die Zoologie der Malvinen, 1832.

GAY.

Historia de Chile, 1847.

GERMAIN.

Notes on Nidification of some Birds of
Chili, 1860.

GIEBEL.

Einige neue argentinische Vögel, 1868.

GODET.

Bermuda; its History, etc., 1860.

GOERING.

Excursion a algunas cuevas, 1869.

GOLZ.

Ueber die Guanolager Peru's, 1874.

GOSSE.

The Birds of Jamaica, 1847.

Extracts from Birds of Jamaica, 1847.

Two new Birds from Jamaica, 1849.

Illustr. of the Birds of Jamaica, 1849.

Naturalist's Sojourn in Jamaica, 1851.

Singing Birds in Jamaica, 1851–52.

GODOU.

Sur le Coq de roche et le Caurale, 1843,
(p. 309).

GOULD.

Sur des Oiseaux d'Amérique méridio-
nale, 1834.

Polyborus gallapagoensis u. s. w., 1839.

Zoology of Voyage of the Beagle,
1841.

Exhibition of a collection by Hauxwell
near the River Ucayali, 1855.

Eight new species from South America,
1855, 1855, 1856.

New Trogon and Odontophorus, 1857.

List of Birds from the Falklands, 1859.

[GRINNELL.]

Four papers on Lawrence's papers on
Ober's Birds from West Indies, 1878.

GUNDLACH.

Five new Cuban Birds, 1852.

Notes on Cuban Birds, with three new
species, 1858.

Ornithologisches aus Cuba, 1859.

Tabellarische Uebersicht aller bisher
auf Cuba beobachteten Vögel, 1861.

Zusätze u. Berichtigungen zu seinen
Beitr. Ornith. Cuba's, 1861–62.

Revista y Catálogo de las Aves Cuba-
nas, 1865–66.

Briefliches von Cuba, 1866.

Neue Beit. zur Ornith. Cubas, 1871–74.

Beitrag zur Ornith. der Insel Portorico,
1874.

Neue Beiträge zur Ornith. Portorico,
1878.

GUNDLACH and CABANIS.

Beiträge zur Ornith. Cuba's, 1855–57.

GUYON.

Animaux disparus de la Martinique et
de la Guadeloupe, 1866.

HABEL.

Exhibition of Birds from the Galapa-
goes, 1869.

HAMILTON.

Notes on Birds from São Paulo, Brazil,
1871.

HARTLAUB.

- Quatre espèces d'Oiseaux de la N. Grenade, 1843.
 Sept Oiseaux nouv. de Guatemala, 1844.
 Index zu Azara's Apuntamientos, 1847.
 Sur quelques Ois. nouv. de Jamaïque, 1847, 1847.
 Deux Ois. nouv. de Caracas, 1849.
 Deux Ois. nouv. de Vénézuéla, 1849.
 Zur Ornithologie Süd-Amerika's, 1857.

HEARNE.

- Note on Birds of Hayti, 1834.
 Letter accompanying Animals from Hayti, 1834.
 Notice of a Collection from Hayti, 1835.

L'HERMINIER.

- Anatomie verschiedener Vögel aus Süd-America, 1837.

HILL.

- Nests of Jamaican Birds, 1841, 1842.
 Two Birds' skins from Jamaica, 1844.

HOLTZ.

- Beschreibungen südamerikanischer Vögel, 1870.

HOTCHKISS.

- South American Game Birds, 1876.

HUDSON.

- Twelve Letters on the Ornithology of Buenos Ayres, 1870-71.
 Birds of the Rio Negro of Patagonia, 1872.

HUGHES.

- Barbadoes, 1750.

HUMBOLDT.

- Ueber die Chinawälder in Südamerika, 1807.
 Recueil des Observations, 1811, (p. 307).

JARDINE.

- Ornithology of Tobago, 1846-47.
 Ornithology of Quito, 1849.
 New Birds from the Parisian Collections, 1852.
 Ornithology of Tobago, 1852.
 Jameson's Collections from Ecuador, 1855, 1856.
 Notes on five species from Quito, 1857.

JULIET.

- Exploracion científica, 1871.
 Exploracion de Chiloe, 1874.

KINAHAN.

- Letter from Callao, 1856.

KING.

- Letter on Animals of Magellan's Straits, 1827-28.

KING.—Continued.

- New Genera and Species of Birds from Straits of Magellan, 1830.
 Ueber die Thiere an der Magellans-Strasse, 1830.
 Distinctive Characters of Birds from Straits of Magellan, 1831.
 Vögel von Magellans-Strasse, 1834.

KITTLITZ.

- Ueber einige Vögel von Chile, 1831-35, (p. 308).
 Cinq. Ois. nouv. du Chili, 1836, (p. 309).
 Ueber einige Vögel von Chili, 1836.

KNOX.

- Account of St. Thomas, 1852.

LABAT.

- Nouveau Voyage, 1724, (p. 306).

LAFRESNAYE.

- Quelques Oiseaux nouveaux de M. Charles Brelay, 1839.
 Ois. nouv. de Santa-Fé de Bogota, 1840.
 Ois. nouv. rapportés par Léciancher, 1840.
 Ois. nouv. de Colombie, 1842, 1842, 1844, 1846.
 Ois. de Colombie, 1843, 1843, 1843, 1844.
 Sur divers Oiseaux de la Nouvelle-Grenade, 1844.
 Quelques Ois. de la Guadeloupe, 1844.
 Ois. nouv. rapportés par M. Léciancher, 1845.
 Descr. de quelques Ois. nouv., 1845.
 Ois. nouv. de l'Orénoque, 1846.
 Ois. nouv. de la Jamaïque, 1846.
 Quelques Ois. nouv. rapportés par M. Delattre, 1847.
 Réponse aux Obs. du Docteur Hartlaub, 1847, 1847.
 Mélanges Ornithologiques, 1847.
 Reconnaissance d'une notice de quinze Oiseaux nouveaux décrits par M. Dubus, 1848.
 Ois. nouv. de Caracas et de Bogota, 1848.
 Sur Psittacula et sur quelques Ois. nouv. de Colombie et du Mexique, 1848.
 Faune du Pérou, du Dr. Tschudi, 1849.

LAFRESNAYE and D'ORBIGNY.

- Notice sur quelques Oiseaux de Carthage et d'une partie du Mexique, 1838.

LANDBECK.

- Contribuciones a la Ornitología de Chile, 1864.
 Beiträge zur Ornithologie Chiles, 1864, 1864, 1865, 1866.

LANDBECK.—Continued.

Sobre algunos Pájaros Chilenos, 1873.

Zur Ornithologie Chiles, 1874.

LAWRENCE.

New species of *Poliophtila* and *Chordeiles*, 1856.

On Gundlach's Notes on Cuban Birds, 1858.

New *Phaeton* and new *Heliopaedica*, 1860.

Notes on some Cuban Birds, 1860.

New *Myiarchus* and new *Phlogopsis*, 1860.

Three new Birds from Middle America, 1861.

Catalogue of a Collection of New Grenada Birds made by McLeannan, 1861-63.

Six new species of *Charadriidæ*, *Trochilidæ*, and *Caprimulgidæ*, 1862.

Six new Birds from Isthmus of Panama, 1862.

Eight new Birds from Panama, 1863.

New *Vireonidæ* and *Rallidæ*, 1863.

New species of *Tanagridæ*, *Cuculidæ*, and *Trochilidæ*, 1864.

New species of *Cærebidæ*, *Tanagridæ*, *Icteridæ*, and *Scolopacidæ*, 1864.

Catalogue of Birds from Sombrero, collected by Julien, 1864.

New *Cærebidæ*, *Tanagridæ*, *Icteridæ*, and *Scolopacidæ*, 1864.

New *Tanagridæ*, *Dendrocolaptidæ*, *Formicariidæ*, *Tyrannidæ*, *Trochilidæ*, 1865.

Six new Birds from Central America, 1865.

List of Birds from near David, Chiriqui, New Grenada, collected by Hicks, 1865.

Catalogue of Birds collected by Holland at Greytown, Nicaragua, 1865.

New species of *Paridæ*, *Vireonidæ*, *Tyrannidæ*, and *Trochilidæ*, 1865.

Four new Birds from Isthmus of Panama, 1865.

Seven new Birds from Central and South America, 1866.

Six new species of *Hirundinidæ*, *Formicariidæ*, *Tyrannidæ*, and *Trochilidæ*, 1866.

New species of American Birds, 1867.

Notes on certain Birds from New Grenada, 1867.

Five new Central American Birds, 1867.

Catalogue of the Birds of Costa Rica, 1868-69.

LAWRENCE.—Continued.

List of Birds from Northern Yucatan, 1869.

Catalogue of Birds from Puna Island, collected by Reeve, 1869.

Characters of some new South American Birds, 1869.

Seven new species of American Birds, 1869.

New Birds from Mexico and Central and South America, 1871.

Three new species of American Birds, 1871.

New species of *Icterus* and *Synallaxis*, 1872.

Six supposed new American Birds, 1874.

Two new *Tanagridæ* and *Tyrannidæ*, 1874.

Four new Birds from Costa Rica, 1874.

Five new American Birds, 1875.

New Birds from Dominica, 1877.

Provisional list of Ober's Birds from Dominica, 1877.

Seven new Birds from St. Vincent, 1878.

New Birds from Grenada and Dominica, 1878.

Catalogue of Ober's Birds from Dominica, 1878.

Catalogue of Ober's Birds from St. Vincent, 1878.

Catalogue of Ober's Birds from Antigua and Barbuda, 1878.

Catalogue of Ober's Birds from Grenada, 1879.

Catalogue of Ober's Birds from Martinique, 1879.

Catalogue of Ober's Birds from Guadeloupe, 1879.

General Catalogue of Ober's Birds from the Lesser Antilles, 1879.

LAYARD.

Voyage from England to Pará, 1872, 1873.

On Birds observed at Pará, 1873.

LEDRU.

Voyage, 1810, 1811-12, (p. 307).

LEE.

Ornithological Notes from the Argentine Republic, 1873.

LEMBEYE.

Aves de la Isla de Cuba, 1849.

LÉOTAUD.

Oiseaux de l'Île de Trinidad, 1866.

LESSON.

Remarques sur quelques Oiseaux de Rio de Janeiro, 1825.

LESSON.—Continued.

Descriptions de dix espèces, etc., par Bonaparte, 1825.

Descriptions de nouveaux Oiseaux du Brésil, par Such, 1826.

Extrait d'une lettre du Capitaine King, 1828.

Notes à ajouter aux "Descriptions de dix espèces d'Oiseaux," par Bonaparte, 1825.

Sur quelques Ois. du Chile, 1834, (p. 308). Neue Vögel, 1837.

Oiseaux nouveaux, 1840.

Sur les Oiseaux nouveaux rapportés par A. Lesson, 1842.

Species avium novæ A. Lessonio collectæ, 1842.

Oiseaux nouveaux, 1844.

LEYBOLD.

Cuatro especies nuevas de Pájaros, 1865.

Beschr. vier neuer Vögelarten aus Mendoza, 1866.

Excursion a las Pampas Argentinas, 1873.

LICHTENSTEIN.

Die Werke von Marcgrave und Piso, 1814–26, 1820, 1824.

MACLEAY.

Ueber die vergl. Anatomie verschiedener Vögel aus Cuba, 1830.

MARCGRABE.

Historia Naturalis Brasilæ, 1648.

MARCH.

Notes on the Birds of Jamaica, 1863–64, 1864.

MARTEN, R. M.

History of the West Indies, 1836.

MATHEW.

Notes from Coquimbo, 1873.

MAXIMILIAN.

Reise, 1820, 1820–21, 1821–22, 1822.

Beiträge zur Naturgeschichte von Brasilien, 1830–33, 1832.

Note rectificative sur quelques Ois. du Brésil, 1846.

MITCHELL.

Lord Harris's collection from Trinidad, 1849.

MOLINA.

Chili, 1776?, 1782, 1783, 1786, 1788, 1789, 1808, 1809, 1810.

MOORE.

Birds collected by Leyland in Honduras, Belize, and Guatemala, 1809.

MORITZ.

Notizen zur Fauna der Insel Puertorico, 1836.

MOSQUERA.

Memoria sobre la Geografia de la Nueva Granada, 1852, 1853.

NAPP.

Argentine Republic, 1876.

NATTERER, ed. PELZELN.

Handschriftliche Notizen, 1862–63.

NEWMAN.

Notice of Bates's Naturalist on the Amazons, 1863.

NEWTON, A.

Additional Note on Nests and Eggs collected by Cunningham, 1870.

NEWTON, A., and NEWTON, E.

Observations on the Birds of St. Croix, 1859.

NIEUHOF.

Gedenkweerdige Brasiliaense Reeze, 1682, (p. 306).

West en Oosteindien, 1689.

OLIVER.

Letter from, 1703.

D'ORBIGNY.

Lettres à M. Férussac, 183–.

Voyage dans l'Amérique Méridionale, 1835–44–47.

Sur la Distribution Géographique des Oiseaux Passereaux de l'Amérique Mérid., 1837.

Observations on the Raptores of South America, 1837.

Rapport sur un Mémoire, etc., 1838.

Ueber die geographische Verbreitung der Südamerikanischen Singvögel, 1839.

Histoire de l'Île de Cuba par Ramon de la Sagra, 1839.

Schilderung des nördlichen Patagonien, 1839.

D'ORBIGNY and LAFRESNAYE.

Synopsis Avium, 1837–38. [Vide notam, infra.*]

*Dele titulum, antea, p. 256; stet—

1837–38. D'ORBIGNY, A., and LAFRESNAYE, F. DE. Synopsis Avium ab Alcide d'Orbigny, in ejus per Americam meridiionalem itinere, collectarum et ab ipso viatore necnon A [sic] de Lafresnaye in ordine redactarum. <Guér. Mag. de Zool.,

ORTON.

Contrib. to Nat. Hist. of the Valley of Quito, 1871.

Notes on Birds in Museum of Vassar College, 1871.

Condors and Hummingbirds of Andes, 1871, 1871.

Andes and the Amazon, 1876.

OSBURN.

Notes on the Birds of Jamaica (eight papers), 1859, 1860.

OWEN, ROB.

Nesting of some Guatemalan Birds, 1861.

PALLAS.

Beschr. zweyer südamerik. Vögel, 1782, (p. 307).

PELZELN.

Ueber neue u. wenig bekannte Arten der Familien Trogonidae und Alcedinidae, 1856.

PELZELN.—Continued.

Ueber vier von Natterer in Brasilien gesammelte neue Vögelarten, 1863.

Zur Ornithologie Brasiliens. Resultate von Natterers Reisen, 1863-70.

Verz. einer an Schauffuss gelangten Sendung aus Brasilien, 1873.

Sendung von Vögeln aus Ecuador, 1874.

Birds collected by Münzberg in Guiana, 1875.

Weitere Sendung von Vögeln aus Ecuador, 1876, 1878.

PHILIPPI.

Ueber einige Vögel Chile's, 1855.

Ueber einige Chilenische Vögel, 1857.

Zwei neue Chilenische Enten und über *Fringilla barbata* Mol., 1860.

Comentario sobre Molina, 1867.

Letter on Birds of Chili, 1868.

Catálogo de las Aves Chilenas, 1868.

1837-38. D'ORBIGNY, A., and LAFRESNAYE, F. DE.—Continued.

7^e année, 1837, Classe II., pp. 1-88, pll. lxxvii-lxxix; 8^e année, 1838, Classe II., pp. 1-34.

Species novæ aut nupera d'Orbigny ipso editæ:—*Ibycter gymnocephalus*, *Phalacrocorax montanus*, p. 2; *Buteo tricolor*, p. 6; *B. unicolor*, p. 7; *Tamnophilus* [sic] *fuliginosus*, *T. aspersiventer*, p. 10; *T. atropileus*, *T. maculatus*, *T. aterrimus*, p. 11; *T. rufater*, *T. affinis*, p. 12; *T. lafresnayanus*, *Conopophaga ardesiaca*, *C. nigro-cincta*, p. 13; *Merularia* [sic] *analis*, *M. nigromaculata*, p. 14; *Megalonyx ruficeps*, p. 15; *T. fuscater*, *T. chiguano*, p. 16; *T. olivaceus*, ? *Orpheus calandria*, p. 17; *O. dorsalis*, ? *O. tricaudatus*, p. 18; *O. patagonicus*, *Donacobius albo vittatus*, p. 19; *Sylvia ruficeps*, *S. concolor*, p. 20; *Dacnis flaviventer*, *D. analis*, *Synallaxis dorso maculata*, p. 21; *S. maluroides*, *S. troglodytoides*, *S. striaticeps*, p. 22; *S. albiceps*, *S. fuliginiceps*, p. 23; *S. leucocephala*, *S. bitorquata*, p. 24; *S. torquata*, *Troglodytes pallida*, *T. tectellata* [sic], p. 25; *T. guarayana*, p. 26; *Anthus furcatus*, *A. rufescens*, p. 27; *Nemosa sordida*, *Tachyphonus versicolor*, p. 28; *T. flavinucha*, *T. luctuosus*, ? *T. capitatus*, p. 29; *Euphonia lanivestris*, *E. serrirostris*, *E. ruficeps*, p. 30; *Aglaiya yeni*, p. 31; *A. montana*, *A. igniventris*, *A. cyanocephala*, p. 32; *A. cyanicollis*, *Pyrrhula albicollis*, p. 33; *Ramphocelus atro sericeus*, *Embernagra torquata*, p. 34; *E. rufinucha*, *Saltator rufiventris*, p. 35; *S. similis*, p. 36; *Phytotoma angustirostris*, p. 37; *Pipra fasciata*, p. 38; *Ampelis rubro-cristata*, p. 39; *A. viridis*, p. 40; *Tyrannus tuberculifer*, *T. fumigatus*, p. 43; *T. rufescens* (Sw.), p. 44; *T. rufiventris*, p. 45; *T. aurantio-atro-cristatus*, p. 45; ? *Todirostrum margaritacei venter*, p. 46; *T. ecaudatum*, *Muscipapa albiceps*, p. 47; *M. obscura*, *M. bimaculata*, p. 48; *M. brevirostris*, *M. cinnamomea*, p. 49; *Setophaga brunneiceps*, *S. verticalis*, p. 50; *Muscipapa striatocollis*, *M. bivittata*, p. 51; *M. elegans*, *M. angustirostris*, p. 52; *M. leucophrys*, *M. stramineo-ventris*, p. 53; *M. olivacea*, p. 54; *Culicivora budytoides*, p. 56; *C. reguloides*, p. 57; *Fluvicola nigrerrima*, p. 59; *F. leucophrys*, *F. rufi-pectoralis*, *F. oenanthoides*, p. 60; *Muscigralla* (g. n. ?) *brevicauda*, *Fipaoza* (g. n. ?), p. 61; *P. murina*, *P. variegata*, p. 63; *P. montana*, p. 64; *P. maritima*, p. 65; *Muscisaxicola* (g. n. ?), p. 65; *M. ruficrater*, *M. mentalis*, *M. maculirostris*, *M. striaticeps*, p. 66; *Hirundo patagonica*, *H. andecola*, p. 69; *Cypselus montivagus*, *C. andecolus*, p. 70; *Certhilauda maritima*, *C. tenuirostris*, p. 72; *Emberiza lutea*, *E. luteocephala*, p. 74; *E. uropigialis* [sic], *E. olivaceus*, p. 75; *E. atriceps*, p. 76; *E. fulvipes*, p. 77; *E. speculifera*, p. 78; *E. griseo-cristata*, *E. unicolor*, *E. carbonaria*, p. 79; *E. hypochondria*, p. 80; *E. obscura*, p. 81; *E. torquata*, p. 82; *Carduelis atratus*, *Linaria analis*, p. 83; *Pitylus auriventris*, p. 84; *Pyrrhula glauco-cerulea*, p. 85; *P. bicolor*, p. 86; *P. cinerea*, *P. nigro-rufa*, p. 87; *P. alaudina*, p. 88.

1838. *Cassicus atro-virens*, p. 1; *C. guracares*, p. 2; *C. chrysnotus*, p. 3; *Icterus maxillaris*, p. 6; *I. brevirostris*, p. 7; *Garrulus viridi-cyanus* [sic!], p. 9; *Dendrocopates atrirostris*, p. 12; *Anabates squamiger*, *A. gutturalis*, p. 14; *A. ruficaudatus*, *A. certhioides*, *A. gutturalis*, p. 15; *A. unirufus*, p. 16; *Anumbius* (g. n.) *anothoides*, p. 17; *A. striatocollis*, p. 18; *A. striaticeps*, p. 19; *Tyrannus* [sic] *opettiorhynchus* [sic] *dumetorum* "Is. Geoff. et d'Orb. Mus. Paris" p. 20; *U. andecola*, p. 21; *U. montana*, *U. vulgaris*, p. 22; *U. nigrofumosa*, p. 23; *Serrirostrum* (g. n., p. 24) *carbonarum*, *S. sittoides*, *Conirostrum* (g. n.) *cinereum*, p. 25; *Orniemya glaucopoides*, p. 27; *O. aureo-ventris*, p. 28; *O. pamela* "d'Orb.", p. 29; *O. smaragdincollis*, *O. amethysticollis*, p. 31; *Trochilus estella* "d'Orb.", p. 32; *T. adela* "d'Orb.", p. 33.

PHILIPPI.—Continued.

Escursion al Cajon de los Cipreses,
1875.

PHILIPPI and LANDBECK.

Beschreibung zweier neuen Chileni-
schen Vögel aus den Geschlechtern
Procellaria und Caprimulgus, 1860.

Descripcion de unas nueve especies
de Pájaros Peruanos, 1861.

Descripcion de algunas especies nue-
vas de Pájaros Chilenos, 1861.

Neue Wirbelthiere von Chile, 1861.

Beiträge zur Fauna von Peru, 1863.

Beschr. einer neuen Ente und See-
schwalbe, 1863, (p. 309).

Contribuciones a la ornitología de Chile,
1864.

Beiträge zur Ornithologie Chiles, 1864.

Beiträge zur Ornith. von Chile, 1865,
1866.

POEY.

Catálogo metódico de las aves de Cuba,
1848.

QUOY and GAIMARD.

Sur quelques Oiseaux de la province de
Rio-de-Janeiro, etc., 1825.

RAIMONDI.

Sur le huano des Iles de Chinha, 1856,
1856.

REED.

Birds of Juan Fernandez and Mas-a-
fuera, 1874.

Apuntes de la Zoología de Chile, 1877.

REINHARDT.

Fuglefaunaen i Brasiliens Canpos, 1870,
1870.

RICHARD and BERNARD.

Catalogue des Oiseaux envoyés de Cay-
enne, 1792.

ROCHFORD.

Histoire des Iles Antilles, 1658, 1666,
1681.

ROGERS.

Natural History Notes from Rio, 1869.

ROSENSCHÖLD.

Bref från Paraguay, 1853, 1854.

SAGRA, RAMON DE LA.

Enumération des espèces, etc., de Cuba,
1859.

(See, also, D'ORBIGNY.)

ST. HILAIRE, A. DE.

Aperçu d'un Voyage dans le Brésil,
1822.

SALLÉ.

Liste des Oiseaux rapportés dans la Ré-
publique Dominicaine, 1857.

SALLÉ.—Continued.

Liste d'Oiseaux à vendre, 1861.

SALLÉ and PARZUDAKI.

Liste d'Oiseaux à vendre, 1862.

SALVADORI.

Uccelli di Costa Rica, 1868.

SALVIN.

Letters from Dueñas, Guatemala, 1860.

Letters from Vera Paz, Guatemala, 1860.

Three new Birds from Guatemala, 1861,
1861.

List of Species to be added to the Or-
nithology of Central America, 1861.

Letter from Dueñas, Guatemala, 1862.

Fortnight amongst Sea Birds of Hondu-
ras, 1864.

Seventeen new Birds from Costa Rica,
1864.

Letter from Guatemala, 1864.

Thirteen new Birds discovered by Sal-
vin and Godman in Central America,
1864.

Sea Birds and Waders of Pacific Coast
of Guatemala, 1865.

Further Contributions to Ornithology of
Guatemala, 1866.

Eight new Birds from Veragua, 1866.

On some Birds from Veragua, 1867.

Notes on Lawrence's Costa Rican List,
1869.

Additional Notes on Lawrence's Costa
Rican List, 1870.

On some Collections of Birds from Vera-
gua, 1870.

Layard's Departure for Pará, 1872.

Notes on Belt's Birds from Chontales,
Nicaragua, 1872.

Maack's Researches in Panama, 1872.

Letter off St. Domingo, 1873.

Letter on some Guatemalan Birds, 1873.

Additional Notes on Birds of Juan Fer-
nandez and Mas-a-fuera, 1875.

Avifauna of the Galapagos, 1876.

New Birds from Western Ecuador, 1876.

SALVIN and SCLATER.

Contrib. to the Ornithology of Guate-
mala, 1860.

SCLATER.

On Birds from Yucatan described by
Cabot, 1852.

Description de six Ois. nouv. apparte-
nant aux collections en Paris, 1852.

Descr. de deux nouvelles espèces d'Oi-
seaux, 1853.

On two [lately] new species of South
American Birds, 1854.

SCLATER.—Continued.

- List of a Collection received by Gould from Quijos in Ecuador, 1854, 1855.
 New species from Santa Fé di Bogota, 1855.
 On Birds received in Collections from Santa Fé di Bogota, 1855.
 Additional Species in Collections from Bogota, 1856.
 Birds collected by Bridges at Davis in Chiriqui in Panama, 1856.
 Some new species from Santa Fé di Bogota, 1856.
 Two new species from Santa Fé di Bogota, 1856.
 Eight new species from South America, 1856.
 Further Additions to the List of Birds from Bogota, 1857.
 Additional Birds received from Bogota, 1857.
 Collection transmitted by Bates from Upper Amazon, 1857.
 Eleven new species from Tropical America, 1857.
 New genus from Mexico, 1857.
 Two new species from Bogota, 1857.
 Notes on a Collection received by Verreaux from Rio Napo in Ecuador, 1858.
 Birds collected by Taylor in Honduras, 1858.
 New Birds from the Rio Napo in Ecuador, 1858, 1858.
 New genus and some new species of American Birds, 1858.
 Five new species of American Birds, 1858, 1859.
 Birds collected by Fraser at Cuenca, etc., in Ecuador, 1858.
 Birds collected by Fraser at Riobamba, in Ecuador, 1858.
 First collections made by Fraser at Pallatanga, Ecuador, 1859.
 New or little-known Birds from the Rio Napo, 1859.
 Eggs of two Raptores from the Falklands, 1860.
 List of additional Birds collected by Fraser at Pallatanga, etc., 1860.
 List of Birds collected by Fraser at Quito, etc., 1860.
 List of Birds collected by Fraser at Nanegal, etc., 1860.
 Arrival of Birds from British Honduras, 1860.

SCLATER.—Continued.

- List of Birds collected by Fraser at Bahoyo, etc., 1860.
 List of Birds collected by Fraser at Esmeralda, 1860.
 Catalogue of Birds of the Falklands, 1860.
 New Birds collected by Fraser at Pallatanga, 1860.
 Ten new species of American Birds, 1860.
 Two new Birds from the Rio Napo, 1860.
 Eight new species of American Birds, 1861.
 Additions and corrections to List of Birds of the Falklands, 1861.
 Collection of Birds made by Osburn in Jamaica, 1861.
 Catalogue of a collection of American Birds, 1861-62.
 Birds collected by Boucard in Southern Mexico, 1862.
 Nine new Birds from Bogota, 1862, 1862.
 Additions to List of Birds of the Falklands, 1864.
 Seven new Birds discovered by Natterer in Brazil, 1864.
 On Birds of the vicinity of Lima, with notes by Nation, 1866, 1867, 1869, 1871.
 Letters from E. Bartlett, 1867.
 Remarks on Léotaud's Ois. Trinidad, 1867.
 Notes on the Birds of Chili, 1867.
 Lecompte's Expedition to the Falklands, 1868.
 New Birds from the Rio Paraná, 1870.
 Notices of some new Birds of South America, 1870.
 The Birds of the Lesser Antilles, 1871.
 Land Birds of Juan Fernandez, 1871.
 Correspondence with C. W. des Vœux, 1871.
 Birds of the Islands of Santa Lucia, 1871.
 Collection of Birds from Oiapok, 1871.
 Additions to List of Nicaraguan Birds, 1873.
 Note on the 'Nomenclator Avium Neotropicalium', 1873.
 Two new Birds from Antioquia, 1873.
 Peruvian Birds collected by Whitely, 1873. (For eight other lists, *see* SCLATER and SALVIN.)
 News of Mr. Salvin, 1874.
 Notice of Jelski's Collections, 1874.
 Collection of Birds from Barbadoes, 1874.

SCLATER.—Continued.

Additional Birds from St. Lucia, 1876.

SCLATER and SALVIN.

On the Ornithology of Central America, 1859.

Eleven new Birds from Guatemala, 1860, 1860.

Notes on a Collection of Birds from Isthmus of Panama, 1864.

Catalogue of Birds collected by Bartlett on the Ucayali, 1866.

Additions to Catalogue of Birds collected by Bartlett on the Ucayali, 1866.

Exotic Ornithology, 1866-69.

Birds collected by Cunningham in Straits of Magellan, 1868, 1869, 1870.

Venezuelan Birds collected by Goering, 1868, 1868, 1869, 1870, 1875.

Birds collected at Conchitas by Hudson, 1868, 1869, 1869.

New Species of Fringillidæ, Oxyrhamphidæ, Bucconidæ, and Strigidæ, 1868.

Four new Birds from Veragua, 1868.

New Species of Dendrocolaptidæ, Strigidæ, and Columbidae, 1868.

Birds collected on the Blewfields River by Wickham, 1867.

Birds collected by Wallace on the Amazon, 1867.

Birds collected by Bartlett on the Hualaga, 1867.

Birds collected by Hauxwell at Pebas, 1867.

Peruvian Birds collected by Whitely, 1867, 1868, 1868, 1869, 1869, 1873, 1874, 1876: (For one of these lists, see SCLATER.)

Six new Species of Tanagridæ, Dendrocolaptidæ, Formicariidæ, Tyrannidæ, and Scolopacidæ, 1869.

Two new Birds collected by Bartlett in Eastern Peru, 1869.

New Birds collected by Habel in the Galapagos, 1870.

Birds collected by Whitely in Honduras, 1870.

Five new Birds from Columbia, 1870.

Nomenclator Avium Neotropicalium, 1873.

Birds of Eastern Peru, with Notes by Bartlett, 1873.

Venezuelan Birds collected by Spence, 1873.

Two new Birds from Antioquia, 1875.

SCLATER and SALVIN.—Continued.

New Birds obtained by Buckley in Bolivia, 1876.

New Species of Bolivian Birds, 1876.

Eight new Species of South American Birds, 1877.

Six new Species of South American Birds, 1877.

Collection made by Steere in South America, 1878.

Report on Birds of H. M. S. 'Challenger', 1878.

Three new Birds from Ecuador, 1878.

SCHOMBURGK.

Description of British Guiana, 1840.

History of Barbadoes, 1847.

Reisen in British Guiana, 1848.

History of Barbadoes, 1848, (p. 308).

SCHREIBER.

Nachrichten, 1820, 1823, 1823.

Collectanea ad Faunam Brasiliæ, 1833, (p. 308).

SCOUER.

Voyage to Madeira, Brazil, etc., 1826.

SEEMANN.

Notes on the Zoology of Panama, 1852.

SEMPER.

On the Birds of St. Lucia, 1872.

SHARPE.

Collections made by H. M. S. 'Petrel', 1877.

SLOANE.

Voyage, 1707-25.

SONNINI DE MANONCOUR.

Sur les Coqs et Poules de l'Amérique méridionale, 1775.

Sur les Marails ou Faisans de la Guiane, 1775.

Du Sasa, 1785.

SPENCE.

The Land of Bolivar, 1878.

SPERLING.

Letter on South American Birds, 1872.

SPIX.

Avium species novæ, 1825-26.

SPIX and MARTIUS.

Musical Thrush [?] of Brazil, 1825.

Reise in Brasilien, 1823-31, (p. 307).

Travels in Brazil, 1824, (p. 308).

STERNBERG.

Notizen aus der Vogelwelt von Buenos Ayres, 1869.

STRICKLAND.

Four Birds from the Peruvian Andes, 1849.

STUBBES.

Observations on the Caribe-Islands,
1667, 1668.

SUCH.

Descriptions of new Brazilian Birds,
1825.

Einige unbestimmte brasilische Vögel,
1830.

SUNDEVALL.

Foglarne på ön St. Barthelemy, 1869 or
1870.

Foglarne på ön Portorico, 1869 or 1870.

On Birds from the Galapagoes, 1871.

SWAINSON.

Birds of Brazil, 1834-41, (p. 309).

TACZANOWSKI.

Oiseaux nouveaux du Pérou, 1874.

Liste d'Ois. recueillis par Jelski dans
le Pérou, 1874.

Ois. recueillis au nord du Pérou par
Jelski et Stolzman, 1877.

Supplément à la même, 1877.

TAYLOR, E. C.

Five months in the West Indies, 1864.

TAYLOR, G. C.

Birds collected or observed in Honduras,
1860.

TAYLOR, R. C.

Natural Objects observed in Cuba, 1836.

TAYLOR, W. J.

Rock Guano from the Caribbean Islands,
1857.

THIENEMANN.

Ueber Eier und Nester Cubanischer
Vögel, 1857.

THUNBERG.

Pipræ species novæ descriptæ, 1822.

TSCHUDI.

Diagnosen einiger neuer peruanischer
Vögel, 1843.

Avium conspectus quæ in Republica
Peruana reperiuntur, etc., 1844.

Nachträgliche Bemerkungen zu seinem
Conspectus Avium, 1845.

TSCHUDI.—Continued.

Five papers on Birds of Peru and Chili,
1847, 1847, 1847, 1847, 1847.

TSCHUDI and CABANIS.

Fauna Peruana, 1845-46.

VIGORS.

On some Birds from Cuba, 1828.

Ueber einige Vögel aus Cuba, 1830.

Exhibition of Birds from Magellan
Straits, 1831.

New Birds collected by Cuming in Chili
and Mexico, 1832.

Ueber Kings Vögel von der Magellan-
strasse, 1834.

Thiere von Cuming, 1835.

On a Collection of Birds from the West
Coast of South America, 1839.

WAFER.

New Voyage, 1729.

WAGNER.

Beit. zur Kennt. der warmblütigen
Wirbelth. Amer., 1831, (p. 308).

WALLACE.

Journey to the Amazon River, 1850.

A Narrative of Travels on the Amazon,
1853.

Habits of Birds, 1854.

WARREN.

Description of Surinam, 1667, 1745, (p.
306).

WEST.

Bidrag til beskrivelse over St. Croix,
1793, (p. 307).

Beiträge zur Beschreibung von St. Croix,
1794.

WILLIAMS.

The Isthmus of Tehuantepec, 1852.

WYATT.

Birds of the U. S. of Colombia, 1871.

YARRELL.

Descriptions of Eggs of Chilean Birds,
1847.

B.—LOCALITIES.

[NOTE.—In the nature of the case some of the titles can scarcely be indexed here, and anonymous, pseudonymous, and ephemeral titles are mostly omitted, the intention being mainly to give a ready clue to the Faunal Lists, etc., of the leading geographical areas of Neotropical America. The few *Mexican* titles here given are only those that should have come in the Nearctic list given on a previous occasion. Articles relating to Central and South America at large are grouped together under the first head following. "West Indies" is given; but see also the several islands composing them.]

AMERICA (*neotropica*).

Condamin. Relation d'un Voyage, 1749.

Sonnini. Sur les Coqs et Poules de l'Amérique du Sud, 1775.

Sonnini. Du Sasa, 1785.

Pallas. Zwey südamerikanische Vögel, 1782, (p. 307).

Humboldt. Ueber die Chinawälder, 1807.

Thunberg. Pipræ species novæ, 1822.

Bonaparte. Ten species of Birds, 1825.

Bonaparte. Note to ten species of Birds, 1825.

Scouler. Account of a Voyage, 1826.

Férussac. Voyage de M. A. d'Orbigny, 1829.

d'Orbigny. Lettres à M. de Férussac, 183-.

Wagner. Beiträge zur Kenntniss der Wirbelthiere, 1831, (p. 308).

Vigors. New Birds collected by Cum-
ing in Chile and Mexico, 1832, 1835.

Gould. Sur des Oiseaux, 1834.

Bonaparte. New Birds from Mexico and South America, 1837.

Bredow. Auszüge aus den Schreibern von C. Moritz, 1837.

d'Orbigny. Voyage, 1835-44-47.

Bonaparte. Notices and Descriptions of new Birds from Mexico and South America, 1837.

Gould. Characters of three new Birds, 1837.

L'Herminier. Anatomie verschiedener Vögel aus, 1837.

Lesson. Neue Vögel aus, 1837.

d'Orbigny. Distrib. Géograph. des Passereaux de, 1837.

Bonaparte. Catalogi di Uccelli Messicani e Peruviani, 1838.

d'Orbigny. Obs. on the Raptores of, 1837, 1838, 1839.

d'Orbigny and Lafresnaye. Synopsis Avium, 1837-38.

Lafresnaye and d'Orbigny. Notice sur quelques Oiseaux de Carthagène et du Mexique, 1838.

AMERICA (*neotropica*).—Continued.

Vigors. Obs. on a Collection from West Coast of America, 1839.

Lafresnaye. Oiseaux nouveaux tués par Lécancher, 1840.

Lesson. Oiseaux nouveaux, 1840.

Gould. Zoology of the Voyage of the Beagle, 1841.

Lesson. Sur les Ois. nouv. de la Mer du Sud, 1842.

Lesson. Species avium novæ aut minùs cognitæ, 1842.

Fraser. On Bridges's Collection of Birds, 1843.

Lesson. Ois. nouveaux, 1844.

Des Murs. Quelques espèces nouvelles d'Oiseaux, 1845.

Lafresnaye. Ois. nouveaux rapportés par Lécancher, 1845.

Lafresnaye. Quelques Ois. nouveaux, 1845.

Bridges. Notes in addition to former papers on Ornithology, 1847, 1847.

Lafresnaye. Quelques Ois. nouv. rapportés par Delattre de Bolivie, de la Nouv. Grenade et de Panama, 1847, 1847.

Castelnau. Considérations de l'Ornithologie, 1848.

Dubus. Ueber einige Vögel, 1848, 1848, 1848.

Lafresnaye. Reconnaissance de quinze Ois. nouv. décrits par Dubus, 1848.

Lafresnaye. Quelques Ois. nouv. de Caracas et de Bogota, 1848.

Lafresnaye. Quelques Ois. nouv. de Colombie et du Mexique, 1848.

Cornalia. Vertebratorum Synopsis, 1849.

Deville. Descr. de quelques Ois. nouv., 1849.

Deville. Quatre Ois. nouv. de l'expédition de M. Castelnau, 1851.

Deville. Observations faites en Amérique, 1852.

AMERICA (*neotropica*).—Continued.

Jardine. New Birds from the Parisian Collections, 1852.

Sclater. Six Ois. nouv., 1852.

Sclater. Deux nouvelles esp. d'Oiseaux, 1853, 1854.

Cassin. Gilliss's U. S. Astron. Exped., 1855.

Des Murs. Ois. nouv. ou rares recueillis, 1855.

Gould. Eight new species of Birds, 1855, 1855.

Des Murs. Expédition de M. Castlenau dans les parties centrales, 1856.

Gould. Eight new species of Birds, 1856.

Lawrence. New species of Chordeiles and Polioptila, 1856.

Sclater. Eight new species of Birds, 1856.

Gould. New Trogon and Odontophorus, 1857.

Hartlaub. Zur Ornithologie, 1857.

Sclater. Eleven new Birds from Tropical America, 1857, 1858.

Sclater. New genus and some new species, 1858.

Sclater. Five new species from Central and, 1858, 1859.

Cassin. La Plata, the Argentine Republic, and Paraguay, 1859.

Moore. List of Birds collected by Leyland in Honduras, Belize, and Guatemala, 1859.

Sclater and Salvin. On the Ornithology of, 1859.

Sclater. Ten new species of American Birds, 1860.

Lawrence. New Phaeton and Heliopadica, 1860.

Lawrence. New Myiarchus and Phlogopsis, 1860.

Lawrence. Three new Birds from Central America, 1861.

Sclater. Eight new species of American Birds, 1861.

Lawrence. New Charadriidæ, Trochilidæ, and Caprimulgidæ, 1862.

Sclater. Cat. of a Collection of American Birds, 1861-62.

Lawrence. New Vireonidæ and Rallidæ, 1863.

Salvin. Thirteen new Birds discovered by Godman and Salvin in Central America, 1863.

AMERICA (*neotropica*).—Continued.

Cassin. Notes on some Birds, 1864.

Lawrence. New Tanagridæ, Cuculidæ, and Trochilidæ, 1864.

Lawrence. New Cærebidæ, Tanagridæ, Icteridæ, and Scolopacidæ, 1864.

Lawrence. New Tanagridæ, Dendrocolaptidæ, Formicaridæ, Tyrannidæ, and Trochilidæ, 1865.

Lawrence. Six new Birds from Central America, 1865.

Lawrence. New Paridæ, Vireonidæ, Tyrannidæ, and Trochilidæ, 1865.

Lawrence. Seven new Birds, 1866.

Lawrence. Six new species of Hirundinidæ, Formicaridæ, Tyrannidæ, and Trochilidæ, 1866.

Sclater and Salvin. Exotic Ornithology, 1866-69.

Lawrence. New Species of American Birds, 1867.

Lawrence. Five new Birds of Central America, 1867.

Sclater and Salvin. New Fringillidæ, Oxyrhamphidæ, Bucconidæ, and Strigidæ, 1868.

Sclater and Salvin. New Dendrocolaptidæ, Strigidæ, and Columbidae, 1868.

Bishop. The Pampas and Andes, 1869.

Sclater and Salvin. New Tanagridæ, Dendrocolaptidæ, Formicariidæ, Tyrannidæ, and Scolopacidæ, 1869.

Lawrence. New Birds, 1869.

Lawrence. Seven new Birds, 1869.

Holtz. Besch. südamerikanischer Vögel-Eier, 1870.

Sclater. New or little-known species of Birds, 1870.

Lawrence. New Birds from Mexico, Central and South America, 1871.

Lawrence. Three new species of American Birds, 1871.

Orton. Birds in Museum of Vassar College, 1871.

Orton. Vultures and Humming-birds of Tropical America, 1871.

Lawrence. New Species of Icterus and Synallaxis, 1872.

Sclater. Note on Nomenclator, 1873.

Sclater and Salvin. Nomenclator Avium Neotropicalium, 1873.

Lawrence. Six supposed new American Birds, 1874.

Lawrence. Two new Tanagridæ and Tyrannidæ, 1874.

AMERICA (*neotropica*).—Continued.

Dubus. Quelques Ois. nouveaux, 1875.

Lawrence. Five new American Birds, 1875.

Orton. Andes and Amazon, 1876.

Sclater and Salvin. Eight new South American Birds, 1877.

Sclater and Salvin. Six new South American Birds, 1877.

Sclater and Salvin. On Steere's Collection, 1878.

Sclater and Salvin. On the Challenger's Collection, 1878.

ARGENTINE REPUBLIC.

Burmeister. Briefliches aus Mendoza, 1858.

Burmeister. Systematisches Verz. der in den La Plata Staaten beobachteten Vögel, 1860.

Burmeister. Reise durch die La Plata Staaten, 1861.

Leybold. Beschreib. vier neuer Arten aus Mendoza, 1866.

Burmeister. Contributions to the Ornithology of the, 1868.

Giebel. Einige neue Vögel von, 1868.

Sclater and Salvin. Birds collected by Hudson at Conchitas, 1868.

Sclater and Salvin. Second list of Birds collected by Hudson at Conchitas, 1869.

Sclater and Salvin. Third list of Birds collected by Hudson at Conchitas, 1869.

Sternberg. Notizen aus der Vogelwelt von Buenos Ayres, 1869.

Sclater. New Birds from the Rio Parana, 1870.

Hudson. Letters on the Ornithology of Buenos Ayres, 1870-71.

Lee. Notes from the, 1873.

Leybold. Escursion a las Pampas, 1873.

Durnford. Ornith. Notes from Buenos Ayres, 1876.

Napp. Argentine Republic, 1876.

Durnford. Notes on the Birds of Buenos Ayres, 1877.

Cabanis. Eine Sammlung von Vögeln aus, 1878.

BARBADOES.

Hughes. Natural History of, 1750.

Schomburgk. History of, 1847, 1848, (p. 308).

Sclater. Small collection of Birds from, 1874.

BERMUDA.

Godet. Its History, etc., 1860.

BOLIVIA.

Bridges. Notices of Mammals and Birds of, 1846.

Sclater and Salvin. New Birds obtained by Buckley in, 1876.

Sclater and Salvin. New Species of Bolivian Birds, 1876.

BRAZIL.

Marcgrave. Historia Naturalis Brasiliæ, 1648.

Nieuhof. Brasiliaense Reize, 1682, (p. 306).

Lichtenstein. Die Werke von Piso und Marcgrave, 1814-26, 1820, 1824.

Schreiber. Nachrichten, 1820, 1823, 1823.

Maximilian. Reise, 1820, 1820-21, 1821-22, 1822.

St. Hilaire. Aperçu d'un Voyage en, 1822.

Maximilian. Beiträge zur Naturgeschichte von, 1825-33, 1830-33, 1832.

Spix and Martius. Reise, 1823-31, (p. 307); 1824, (p. 308).

Spix. Avium species novae, 1824-25.

Becklemichew. Sur deux nouvelles Oiseaux du, 1829.

Fischer. Ois. envoyés par Coffrane de Bahia, 1829.

Quoy and Gaimard. Remarques sur quelques Oiseaux de, 1825.

Spix and Martius. Musical thrush [?] of, 1825.

Such. New Birds of, 1825, 1830.

Schreiber. Collectanea, 1833, (p. 308).

Swainson. Ornithological Drawings, 1834-41, (p. 308).

Maxim. Note rectificative sur des Ois. du, 1846.

Gardner. Notes of Birds in, 1847.

Wallace. Journey to explore the Amazon, 1850.

Burmeister. Ueber Eier und Nester einiger Vögel von, 1853.

Wallace. Narrative of travels on the Amazon and Rio Negro, 1853.

Wallace. Habits of Birds of, 1854.

Burmeister. Systematische Uebersicht der Thiere Brasiliens, 1856.

Burmeister. Erläuterungen zur Fauna Brasiliens, 1856.

Descourtilz. Ornithologie Brésilienne, 1854-56.

BRAZIL.—Continued.

- Pelzeln.* Arten der Familien Trogonidæ und Alcedinidæ aus, 1856.
- Sclater.* Birds transmitted by Bates from the Upper Amazon, 1857.
- Pelzeln.* Ueber vier von Natterer gesammelte neue Vögel von, 1862.
- Bates.* Naturalist on the Amazon, 1863, 1864.
- Sclater.* Seven new Birds discovered by Natterer in, 1864.
- Sclater and Salvin.* Birds collected by Wallace on the Lower Amazons, 1867.
- Euler.* Zur Naturgeschichte der Vögel von, 1867-69.
- Pelzeln.* Zur Ornithologie Brasiliens, 1868-70.
- Rogers.* Natural History Notes from Rio, 1869.
- Reinhardt.* Bidrag til Kundskab om Fuglefaunaen i Brasiliens Campos, 1870, 1870.
- Hamilton.* Birds from São Paulo, 1871.
- Salvin.* Notice of Layard's Departure for Pará, 1872.
- Layard.* Letters on Birds seen on voyage to Pará, 1872, 1873.
- Layard.* Notes on Birds observed at Pará, 1873.
- Pelzeln.* Verz. einer Sendung aus Neufreiburg, 1873.
- Berlepsch.* Zur Ornithologie Santa Catharina's, 1873-74.
- Cabanis.* Uebersicht der von Euler in Cantagallo ges. Vögel, 1874.
- Allen.* Birds collected by Linden near Santarem, 1877.

BUENOS AYRES. See ARGENTINE REPUBLIC.

CAYENNE. See GUIANA.

CHILE.

- Molina.* Storia Naturali, 1776, 1782, 1783, 1786, 1788, 1789, 1808, 1809.
- Lesson.* Sur quelques Oiseaux de, 1834, (p. 308).
- Kittlitz.* Cinq nouv. esp. d'Oiseaux de, 1836, (p. 309).
- Kittlitz.* Ueber einige Vögel von, 1836.
- Bridges.* Various Birds from, 1841.
- Fraser.* On Birds of, 1845.
- Fraser.* Exhibition of two Birds of, 1845.
- Gay.* Historia de, 1847.
- Philippi.* Ueber einige Vögel Chile's, 1855.

CHILE.—Continued.

- Boeck.* Bemerk. über die Ornith. der Provinz Valdivia, 1855.
- Philippi.* Ueber einige Chilenische Vögel, 1857.
- Frauenfeld.* Ueber den Aufenthalt in Valparaiso, 1860.
- Germain.* On Nidification of some Birds of, 1860.
- Philippi.* Ueber zwei neue Enten und Fringilla barbata, 1860.
- Philippi and Landbeck.* Zwei neue Arten Procellaria und Caprimulgus, 1860.
- Philippi and Landbeck.* Algunas especies nuevas de Pájaros de, 1861.
- Philippi and Landbeck.* Neue Wirbelthiere von, 1861.
- Philippi.* Neue Ente und Seeschwalbe, 1863, (p. 309).
- Landbeck.* Contribuciones a la Ornithología de, 1864.
- Landbeck.* Beiträge zur Ornithologie von, 1864.
- Philippi and Landbeck.* Beiträge zur Ornith. von, 1864, 1865, 1866.
- Sclater.* Notes on the Birds of, 1867.
- Philippi.* Letter on certain Birds of, 1868.
- Philippi.* Catálogo de las Aves existentes en el Museo de Santiago, 1868.
- Sclater.* On the Land Birds of Juan Fernandez, 1871.
- Landbeck.* Sobre algunos Pájaros Chilenos, 1872.
- Mathew.* Notes from Coquimbo, 1873.
- Juliet.* Comission Exploradora de Chiloe, 1874.
- Landbeck.* Zur Ornith. Chiles, 1874.
- Reed.* Remarks on Birds of Juan Fernandez, 1874.
- Salvin.* Additional Notes on Birds of Juan Fernandez, 1874.
- Philippi.* Escursion al Cajon de los Cipreses, 1875.
- Reed.* Apuntes de la Zoologia de Cauquenas, 1877.

COLOMBIA. See NEW GRANADA.

COSTA RICA.

- Cabanis.* Uebersicht der im Berliner Mus. befind. Vögel von, 1861-69.
- Cassin.* Conirostral Birds from, 1865.
- Salvin.* Seventeen new Birds from, 1864.

COSTA RICA.—Continued.

Salvadori. Intorno ad alcuni Uccelli di, 1868.

Lawrence. Catalogue of Birds found in, 1868-69.

Frantzius. Ueber d. geogr. Verbreitung der Vögel von, 1869.

Salvin. Notes on Lawrence's List, 1869.

Salvin. Additional Notes on Lawrence's List, 1870.

Lawrence. Four new Birds from, 1874.

Boucard. On Birds collected in, 1878.

CUBA.

Vigers. On some Birds of, 1828, 1830.

Taylor, R. C. Notes on Natural Objects observed in, 1836.

d'Orbigny. Ramon de la Sagra's Histoire, 1839.

Yarrell. Description of Eggs of Birds of, 1847.

Poey. Catálogo metódico de las Aves de la Isla de, 1848.

Lembeye. Aves de la Isla de, 1850.

Gundlach. Five new Birds of, etc., 1852.

Arbolea. Manual de la Isla de, 1852.

Gundlach and Cabanis. Beiträge zur Ornithologie Cuba's, 1855-57.

Thienemann. Ueber Eier und Nester Cubanischer Vögel, 1857.

Gundlach. Notes on Birds of . . . and descr. of three new species, 1858.

Lawrence. Obs. on Gundlach's paper, 1858.

Gundlach. Ornithologisches aus Briefen von, 1859.

Ramon de la Sagra. Énumération des espèces zoologiques de l'île de, 1859.

Brewer. Compiled List of Birds of, 1860.

Lawrence. Notes on some Cuban Birds, 1860.

Albrecht. Zur Ornithologie von, 1861.

Gundlach. Tabell. Uebers. aller bisher auf . . . beobachteten Vögel, 1861.

Gundlach. Zusätze und Bericht. zu den Beiträgen zur Ornith. von, 1861-62.

Gundlach. Revista y Catálogo de las Aves de, 1865-66.

Gundlach. Neue Beit. zur Ornith. Cubas, 1871-74.

Bishop. Notes on Lembeye's 'Birds' of, 1878.

DOMINICA.

Lawrence. New Birds from, 1877.

Lawrence. Provisional List of Ober's Birds from, 1877.

DOMINICA.—Continued.

Lawrence. Catalogue of Ober's Birds from, 1878.

ECUADOR.

Jardine. Ornithology of Quito, 1849.

Jardine. Five Birds from Quito, 1857.

Slater. Collection of Birds received by Gould from Quijos in, 1854, 1855.

Jardine. Jameson's Collections from Eastern Cordillera of, 1855, 1856.

Slater. Notes on Birds received by Verreaux from the Rio Napo, 1858, 1858.

Slater. New Birds from the Rio Napo, 1858.

Slater. List of Birds collected by Fraser in, 1858, 1858.

Slater. On New or Little-known Birds from the Rio Napo, 1859.

Slater. Two New Birds from the Rio Napo, 1860.

Slater. Birds collected by Fraser at Babahoyo, 1860.

Slater. Birds collected by Fraser at Esmeraldas, 1860.

Slater. Birds collected by Fraser at Pallatanga, 1860.

Slater. Additional Birds collected by Fraser at Pallatanga, 1860.

Slater. Birds collected by Fraser at Quito, 1860.

Slater. Birds collected by Fraser at Nanegal, etc., 1860.

Slater and Salvin. Birds collected by Hauxwell, at Pebas, on the Upper Amazon, 1867.

Lawrence. Catalogue of Birds from Puna Island, 1869.

Orton. Contrib. to Nat. Hist. of Valley of Quito, 1871.

Pelzeln. Sendung von Vögeln aus, 1874.

Salvin. New Birds from Western, 1876.

Pelzeln. Weitere Sendung von Vögeln aus, 1876.

Pelzeln. Weitere Sendung von Vögeln aus, 1878.

Slater and Salvin. Three new Birds from, 1878.

FALKLAND ISLANDS.

Clayton. An account of the, 1776.

Garnot. Sur la Zoologie des Iles Malouines, 1826, 1827, 1832.

Bernsée. On Various Birds of East, 1855.

Gould. List of Birds from, 1859.

FALKLAND ISLANDS.—Continued.

- Slater.* Eggs of Two Raptorial Birds of, 1860.
Slater. Catalogue of the Birds of, 1860.
Abbott. Field-notes on Birds of, 1861.
Slater. Add. and Corr. to the List of Birds of, 1861.
Slater. Addition to List of Birds of, 1864.

GALAPAGOS.

- Habel.* Exhibition of Birds from the, 1869.
Slater and Salvin. New Birds collected by Habel in the, 1870.
Slater. On Birds from the, 1871.
Anon. Zoology of the, 1872.
Editors. New Galapagos Birds, 1872.
Salvin. On the Avifauna of the, 1876.
Sharpe. Zoological Collections of H. M. S. 'Petrel', 1877.

GRENADA.

- Lawrence.* Catalogue of Ober's Birds of, 1879.

GUADELOUPE.

- Lafresnaye.* Quelques Ois. de la, 1844.
Lawrence. Catalogue of Ober's Birds of, 1879.

GUATEMALA.

- Hartlaub.* Sept Ois. nouv. de, 1844.
Salvin. Letters from Dueñas, 1860.
Salvin. Letters from Vera Paz, 1860.
Salvin and Slater. Contrib. to the Ornithology of, 1860.
Slater and Salvin. Eleven new Birds discovered by Salvin in, 1860, 1860.
Salvin. Three new Birds from, 1861, 1861.
Salvin. Twenty-eight species to be added to Ornithology of, 1861.
Owen. Nesting-of some Birds of, 1861.
Salvin. Letter from Dueñas, 1862.
 [Slater.] *Salvin and Godman's* operations in, 1862.
Salvin. Letter from, 1863.
Salvin. Sea Birds and Waders of Pacific Coast of, 1865.
Salvin. Another Contrib. to Ornith. of, 1866.
Salvin. Letter on some Birds of, 1873.
Slater. Letter from Salvin on Birds of, 1874.

GUIANA.

- Warren.* Description of Surinam, 1745, (p. 306).

GUIANA.—Continued.

- Fermin.* Hist. Nat. de la Hollande Equinox., 1765, (p. 307).
Bancroft. Essay on the Natural History of, 1769, 1769.
Sonnini. Observations sur les Marails ou Faisans de la, 1775.
Richard and Bernard. Cat. des Ois. envoyés de Cayenne, 1792.
Schomburgk. Description of British, 1840.
Abbott. Exhibition of Birds from Surinam, 1844.
Cabanis. Schomburgk's Reisen in Britisch, 1848.
Bonyan. Raptorial Birds of British, 1851.
Bonyan. On Raptorial Birds of British, 1853.
Bonaparte. Cat. des Ois. recueillis par Desplanches à Cayenne, 1857.
Slater. Birds from Oyapok, 1871.
Pelzeln. Birds collected by Münzberg in Spanish, 1875.
Brown, C. B. Canoe and Camp Life in British, 1876.

HAYTI.

- Hearne.* Note on Birds of, 1834.
Hearne. Present of Living Animals from, 1834.
Hearne. Collection of Birds formed in, 1835.
Sallé. Oiseaux rapportés dans la République Dominicaine, 1857.
Bryant. List of the Birds of, 1867.
Salvin. Letter off, 1873.

HONDURAS.

- Slater.* List of Birds collected by Taylor in, 1858.
Slater. Arrival of Birds from British, 1860.
Taylor, G. C. Birds collected or observed in, 1860.
Salvin. Fortnight among Sea Birds of, 1864.
Slater and Salvin. Birds collected by Whitely on the Coast of, 1870.

JAMAICA.

- Sloane.* Voyage to, 1707-25.
Browne. Civil and Natural History of, 1756, 1789.
Hill. On Nests of Birds of, 1841, 1842.
Hill. Two Bird-skins from, 1844.
Lafresnaye. Quelques Ois. nouv. de la, 1846.

JAMAICA.—Continued.

- Gosse.* The Birds of, 1847.
Gosse. Extracts from the Birds of, 1847.
Hartlaub. Sur quelques Ois. nouv. de la, 1847, 1847.
Lafresnaye. Réponse à M. Hartlaub sur quelques Ois. de la, 1847, 1847.
Gosse. Two new Birds from, 1849.
Gosse. Illustrations of the Birds of, 1849.
Gosse. Naturalist's Sojourn in, 1851.
Gosse. Singing Birds in, 1851.
Osburn. Notes on the Birds of (several papers), 1859, 1860.
Osburn. Notes on Mountain Birds of, 1860.
Slater. Birds collected by Osburn in, 1861.
Albrecht. Zur Ornith. von, 1862.
March. Notes on the Birds of, 1863-64.
Bell. Wildfowl of, 1868.

MARTINIQUE.

- Lawrence.* Catalogue of Ober's Birds of, 1879.

MEXICO.

- Lafresnaye.* Quelques Ois. nouv. de la collection de M. Brelay, 1839.
Williams. The Isthmus of Tehuantepec, 1852.
Slater. Birds collected by Boucard in Southern, 1862.

NEW GRANADA.

- Humboldt.* Recueil d'observations, 1811, (p. 307).
Boissonneau. Oiseaux nouveaux de Santa-Fé de Bogota, 1840, 1840.
Fraser. New Species from Bogota in Collection of Lord Derby, 1840.
Lafresnaye. Ois. nouv. de Santa-Fé de Bogota, 1840.
Lafresnaye. Quelques Ois. nouv. de la Colombie, 1842, 1842, 1843, 1843, 1844, 1846.
Hartlaub. Quatre Ois. de la, 1843.
Lafresnaye. Sur divers Ois. de la, 1844.
Seemann. Notes on the Zoology of the Isthmus of Panama, 1852.
Mosquera. Memoria sobre la geografia de la, 1852, 1853.
Slater. New Birds from Santa Fé de Bogota, 1855.
Slater. On Birds received from Santa Fé de Bogota, 1855.
Slater. Additional new Birds from Bogota, 1856.

NEW GRANADA.—Continued.

- Slater.* New Species of Birds from Bogota, 1856.
Slater. Two new Species of Birds from Bogota, 1856.
Slater. Birds collected by Bridges at David, Chiriqui, 1856.
Slater. Further additions of List of Birds from Bogota, 1857.
Slater. Additional Birds received from Bogota, 1857.
Slater. Two new Species from Bogota, 1857.
Bryant. On Two Birds from Bogota, 1860.
Cassin. Catalogue of Birds collected on the Isthmus of Darien by Michler, 1860.
Slater. Nine new Birds from Bogota, 1862, 1862.
Lawrence. Catalogue of a Collection made by McLeannan in, 1861-63.
Lawrence. Six new Birds from Isthmus of Panama, 1862.
Lawrence. Eight new Birds from Isthmus of Panama, 1863.
Benvenuti. Descrizione di quattro nuove specie, etc., 1866.
Slater and Salvin. Notes on a collection of Birds from Isthmus of Panama, 1864.
Lawrence. List of Birds collected by Hicks near David, Chiriqui, 1865.
Lawrence. Four new Birds from Isthmus of Panama, 1865.
Lawrence. Notes on certain Birds from, 1867.
Cope. Birds of Palestine and, 1868.
Slater and Salvin. Five new Birds from the U. S. of Colombia, 1870.
Wyatt. Notes on Birds of the U. S. of Colombia, 1871.
Salvin. Maack's Researches in Panama, 1872.
Slater. Two new Birds from Antioquia, 1873.
Slater and Salvin. Two new Birds from Antioquia, 1875.

NICARAGUA.

- Lawrence.* Catalogue of Collection made by Holland at Greytown, 1865.
Slater and Salvin. Birds collected by Wickham on Blewfields River, 1867.
Salvin. Notes on Belt's Chontales Birds of, 1872.

NICARAGUA.—Continued.

Sclater. Additions to List of Birds of, 1873.

PANAMA. See NEW GRANADA.

PARAGUAY.

Dobrizhoffer. Historia de Abiponibus, 1784, 1822.

Azara. Apuntamientos para la Historia Natural, 1802-05, 1809.

Hartlaub. Index zu Azara's Apuntamientos, 1847.

Rosenschöld. Bref från, 1853, 1854.

PATAGONIA.

King. Letter on Animals of Straits of Magellan, 1827-28, 1828, 1830.

King. New genera and species from Straits of Magellan, 1829, 1831, 1834.

Vigors. Remarks on several new Birds from Straits of Magellan, 1831, 1834.

d'Orbigny. Naturh. Schilderung des nördlichen, 1839.

Sclater and Salvin. Birds collected by Cunningham in Straits of Magellan, 1868.

Cunningham. Letter on Birds of Straits of Magellan, 1869.

Sclater and Salvin. Second List of Birds collected by Cunningham in Straits of Magellan, 1869.

Cunningham. Nat. Hist. of Straits of Magellan and west coast of, 1870.

Newton, A. Additional Note on Nests and Eggs collected by Cunningham, 1870.

Sclater and Salvin. Third List of Birds collected by Cunningham in the Straits of Magellan, 1870.

Cunningham. Fauna of the Straits of Magellan and Western, 1871.

Hudson. On Birds of the Rio Negro, 1872.

Durnford. Birds observed in Chuput Valley, 1877.

Durnford. Notes on the Birds of Central, 1878.

PERU.

Tschudi. Diagnosen einiger neuer peruanischer Vögel, 1843.

Tschudi. Avium Conspectus que in Repub. Peruana reperiuntur, 1844.

Tschudi. Nachträgliche Bemerkungen zu seinem Conspectus, 1845.

Tschudi and Cabanis. Fauna Peruana, 1845-46.

Tschudi. Five papers on animal life in . . . and Chili, 1847.

PERU.—Continued.

Lafresnaye. Faune du Pérou du Dr. Tschudi, 1849.

Strickland. Four species of Birds from Andes of, 1850.

Kinahan. Letter from Callao, 1856.

Bolle. Guano auf den Chinha-Inseln, 1861.

Raimondi. Huano des îles de Chinha, 1856, 1856.

Sclater. On the Birds of the Vicinity of Lima, 1866.

Sclater and Salvin. Birds collected by Bartlett on the Ucayali, 1866.

Sclater and Salvin. Additions to Birds collected by Bartlett on the Ucayali, 1866.

Sclater and Salvin. Birds collected by Bartlett on the Huallaga, 1867.

Sclater. On Birds of the vicinity of Lima, 1867.

Sclater. Extracts from Bartlett's letters, 1867.

Sclater and Salvin. On Peruvian Birds collected by Whitely, 1867, 1868, 1868, 1869, 1869, 1873, 1874, 1876.

Sclater. Birds of the vicinity of Lima, 1869.

Sclater and Salvin. Two new Birds collected by Bartlett in Eastern, 1869.

Sclater. On Birds of the vicinity of Lima, 1871.

Sclater. Peruvian Birds collected by Whitely, Part VII, 1873.

Sclater and Salvin. Bartlett's Birds of Eastern, 1873.

Cabanis. Neue peruanische Vögel Jelski's, 1873, 1873, 1874.

Sclater. Notice of Jelski's Collections in, 1874.

Taczanowski. Oiseaux nouveaux du, 1874.

Taczanowski. Oiseaux recueillis par Jelski dans, 1874.

Golz. Ueber die Guanolager, 1874.

Allen. Exploration of Lake Titicaca, 1876.

Taczanowski. Liste des Ois. recueillis par Jelski et Stolzmann, 1877.

Taczanowski. Supplement à la même, 1877.

PORTO RICO.

Moritz. Notizen zur Fauna der Insel, 1836.

Bryant. Vögel von, 1866.

PORTO RICO.—Continued.

Bryant. List of Birds collected by Swift and Latimer in, 1866.

Sundevall. Foglarne på ön, 1869 or 1870.

Bello y Espinosa. Zoologische Notizen aus, 1871.

Gundlach. Beitrag zur Ornith. der Insel, 1874.

Gundlach. Neue Beiträge zur Ornith. der Insel, 1878.

ST. BARTHOLOMEW.

Fahlberg. Slutet, af Samlingar til Natural-Historien, 1786.

Sundevall. Foglarne på ön, 1869 or 1870.

ST. CROIX.

West. Beyträge zur Beschreibung von, 1794.

Newton, A., and Newton, E. Observations on the Birds of, 1859.

ST. DOMINGO. See HAYTI.

ST. LUCIA.

Slater. Correspondence with des Vœux, 1871.

Slater. On the Birds of, 1871.

Slater. On Birds of the Island of, 1871.

Semper. Observations on the Birds of, 1872.

Slater. Additional Birds from, 1876.

ST. THOMAS.

Knox. Historical Account of, 1852.

Cassin. Catalogue of Birds from, 1860.

ST. VINCENT.

Lawrence. Seven new Birds from the Island of, 1878.

Lawrence. Catalogue of Ober's Birds from, 1878.

SOMBRERO.

Lawrence. Birds collected by Julien in, 1864.

SURINAM. See GUIANA.

TOBAGO.

Jardine. Ornithology of the Island of, 1852.

TRINIDAD.

Mitchell. Notice of Lord Harris's Collection, 1850.

De Verteuil. Trinidad, 1858.

Léotaud. Ois. de l'Île de la, 1866.

Slater. On Léotaud's Birds of, 1867.

Finsch. On Coll. of Birds from, 1870.

VENEZUELA.

Lafresnaye. Ois. nouv. de l'Orénoço, 1846.

Slater and Salvin. Birds collected by Goeringin, 1868, 1868, 1869, 1870, 1875.

Slater and Salvin. On Birds collected by Spence in, 1873.

Ernst. Apuntos para la fauna ornithológica de, 1870.

Ernst. Estudios sobre la Flora y Fauna de, 1877.

Spence. The Land of Bolívar, 1878.

Hartlaub. Deux Ois. nouv. de Caracas, 1849.

Hartlaub. Deux Ois. nouv. de Vénézuéla, 1849.

VERAGUA.

Salvin. Eight new Birds from, 1866.

Salvin. On some Collections of Birds from, 1867.

Slater and Salvin. Four new Birds from, 1868.

Salvin. On some Collections of Birds from, 1870.

WEST INDIES. (See, also, the several Islands.)

De Laet. Beschrijvinghe van, 1625, 1630, 1633, 1640, (pp. 305, 306).

Labat. Voyage, 1724, (p. 306).

West. Bidrag til beskrivelse over St. Croix, etc., 1793, (p. 307).

Rochefort. Histoire des Iles Antilles, 1658, 1660, 1681.

Stubbes. Observations on the Caribe Islands, 1667, 1668.

Ledru. Voyage, 1810, 1811–12, (p. 307).

Taylor, E. C. Five months in the, 1864.

Guyon. Thiere die auf Martinique und Guadeloupe verschwunden sind, 1866, (p. 309).

Guyon. Des animaux disparus de la Martinique et de la Guadeloupe, 1866.

Hill. History of, 1836.

Denny. On Geographical Distrib. of Birds of the, 1847.

Hartlaub. Ueber den heutigen Zustand unserer Kenntniss von Westindiens Ornithologie, 1847–48.

Taylor. Guano from Caribbean Islands, 1857.

Slater. The Birds of the Lesser Antilles, 1871.

Lawrence. New Birds from Grenada and Dominica, 1878.

WEST INDIES.—Continued.

Lawrence. Catalogue of Ober's Birds of Antigua and Barbuda, 1878.

Lawrence. General Catalogue of Ober's Birds of, 1879.

YUCATAN.

Cabot. Three New Birds from, 1843.

Cabot. Descriptions and Habits of some Birds of, 1844.

YUCATAN.—Continued.

Cabot. Further Account of Birds of, 1845.

Cabot. Stephens's Incidents of Travel in, 1848.

Sclater. On Birds described by Cabot from, 1852.

Lawrence. List of Birds from Northern, 1869.