

MISCELLANEOUS PUBLICATIONS
MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN NO. 174

**Type Specimens of Birds in the
Collections of the University of
Michigan Museum of Zoology**

by

Robert W. Storer
Museum of Zoology
and Department of Biology
The University of Michigan
Ann Arbor, Michigan 48109-1079

Ann Arbor
MUSEUM OF ZOOLOGY, THE UNIVERSITY OF MICHIGAN
July 6, 1988

MISCELLANEOUS PUBLICATIONS
MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN NO. 174

GERALD R. SMITH, EDITOR
SARA V. FINK, ASSISTANT EDITOR

The publications of the Museum of Zoology, The University of Michigan, consist of two series—the Occasional Papers and the Miscellaneous Publications. Both series were founded by Dr. Bryant Walker, Mr. Bradshaw H. Swales, and Dr. W. W. Newcomb.

The Occasional Papers, initiated in 1913, serve as a medium for original studies based principally upon the collections in the Museum. They are issued separately. When a sufficient number of pages has been printed to make a volume, the Museum will supply a title page, table of contents, and an index to libraries and individuals on the mailing list for the series.

The Miscellaneous Publications, which include papers on field and museum techniques, monographic studies, and other contributions not within the scope of Occasional Papers, were established in 1916 and are published separately. It is not intended that they be grouped into volumes. Each number has a title page and, when necessary, a table of contents.

A complete list of publications on Birds, Fishes, Insects, Mammals, Mollusks, and Reptiles and Amphibians is available. Address inquiries to the Director, Museum of Zoology, The University of Michigan, Ann Arbor, Michigan 48109-1079.

MISCELLANEOUS PUBLICATIONS
MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN NO. 174

**Type Specimens of Birds in the
Collections of the University of
Michigan Museum of Zoology**

by

Robert W. Storer
Museum of Zoology
and Department of Biology
The University of Michigan
Ann Arbor, Michigan 48109-1079

Ann Arbor
MUSEUM OF ZOOLOGY, THE UNIVERSITY OF MICHIGAN
July 6, 1988

ABSTRACT

Storer, Robert W. 1988. *Type Specimens of Birds in the Collections of the University of Michigan Museum of Zoology*. *Misc. Publ. Mus. Zool. Univ. Michigan*, 174:1-69. Type specimens of 321 taxa of Recent birds in The University of Michigan Museum of Zoology are listed. With few exceptions, all are represented by holotypes (312) or lectotypes (3). References to the original descriptions, data on labels, and status of the described taxa in current literature are included.

Key words: *type specimens, birds, University of Michigan Museum of Zoology.*

CONTENTS

	PAGE
INTRODUCTION	1
FORMAT	1
TYPE SPECIMENS	
Rheidae	4
Tinamidae	5
Podicipedidae	5
Ardeidae	6
Accipitridae	6
Falconidae	6
Cracidae	7
Phasianidae	7
Gruidae	9
Jacanidae	10
Charadriidae	10
Scolopacidae	11
Laridae	11
Pteroclididae	11
Columbidae	11
Psittacidae	12
Cuculidae	12
Strigidae	13
Podargidae	15
Caprimulgidae	15
Apodidae	16
Trochilidae	16
Trogonidae	16
Alcedinidae	17
Momotidae	17
Meropidae	18
Bucerotidae	18
Capitonidae	18
Ramphastidae	19
Picidae	19
Eurylaimidae	23
Dendrocolaptinae	24
Furnariinae	25
Formicariidae	25
Rhinocryptidae	26
Tyrannidae	26
Pittidae	27
Alaudidae	28
Hirundinidae	28
Oriolidae	29
Dicruridae	29
Corvidae	29
Paridae	30
Sittidae	30
Campephagidae	31
Aegithinidae	32
Pycnonotidae	33
Troglodytidae	35

Cinclidae	36
Sylviinae	36
Poliophtilinae	39
Muscicapinae	39
Rhipidurinae	41
Monarchinae	42
Turdinae	42
Timaliinae	44
Panurinae	53
Motacillidae	53
Sturnidae	54
Nectariniidae	54
Dicaeidae	55
Vireonidae	56
Parulinae	56
Thraupinae	57
Cardinalinae	57
Emberizinae	58
Icterinae	59
Carduelinae	60
Ploceinae	60
Estrildinae	61
Viduinae	61
ACKNOWLEDGMENTS	62
APPENDIX 1: "Type" Nests and Eggs in the University of Michigan Museum of Zoology	62
APPENDIX 2: Location of Other Types Described in Papers in which Type Specimens in the University of Michigan Museum of Zoology Are Described	63
INDEX: New Specific and Subspecific Names Represented by Type Material in the UMMZ, Listed with the Genera under Which They Were Described	66

TABLES

TABLE	PAGE
1 Authorship of new names	2
2 Geographic sources of material	3

INTRODUCTION

In 1905, Charles C. Adams published a list of 44 "Types of birds in the Beal-Steere Collections of the University Museum, University of Michigan," as part of the Report of the Curator of the Museum to the Board of Regents, July 1, 1903 to July 1, 1904 (Univ. Bull., New Ser. 6(2), pp. 23-28, February 1905). In the 83 years since the publication of this list, the number of taxa represented by type specimens in the bird collections of the University of Michigan Museum of Zoology has grown to 321. It is therefore desirable to publish an up-to-date list of these specimens. The collections also include the first described nests and eggs of three species. These are listed in Appendix 1.

More than half of these taxa are from India and were described by Walter Koelz (Tables 1 and 2). As Koelz frequently failed to publish the catalogue number and museum in which his types were deposited, I have included Appendix 2, which contains information about the location and catalogue number of most of the birds described from other collections in papers that included descriptions of type material in the University of Michigan Museum of Zoology.

In general, only holotypes or lectotypes are listed. These number 312 and 3, respectively. Exceptions have been made in the cases of eight Philippine taxa, of which the location of type material has been in doubt, and of *Dendroica potomac* and *Loxia curvirostra benti*, for which allotypes are listed along with the holotypes.

Type specimens of fossil birds in the University of Michigan Museum of Paleontology are not included in this list.

Abbreviations for museum collections mentioned in this list are: AMNH = American Museum of Natural History (New York), BM = British Museum (Natural History), FMNH = Field Museum of Natural History (Chicago), MCZ = Museum of Comparative Zoology, Harvard University, and UMMZ = University of Michigan Museum of Zoology.

FORMAT

The list is arranged in systematic order by family or subfamily as listed in the table of contents. In general, this follows the arrangement used in the 6th Edition of the American Ornithologists' Union Check-list of North American Birds, 1983. In some passerine groups, subfamilies are used because in some families (e.g. the Muscicapidae *sensu lato*) some subfamilies were formerly considered families and others belong to "families" that may shortly be rearranged. It is becoming apparent that major rearrangements, especially of the passerines, will be made in the not too distant future. Therefore, the use of subfamilial names in these instances will make it easier to find species in these groups both now and later when certain subfamilies will be shifted to different family groups. Within each family or

TABLE 1

AUTHORSHIP OF NEW NAMES WITH TYPE MATERIAL DEPOSITED IN THE UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY*

Author	Number of names
Walter N. Koelz	171
Pierce Brodkorb	66
R. Bowdler Sharpe	65
Josselyn Van Tyne	19
Robert B. Payne	6
Harry C. Oberholser	5
Osbert Salvin	5
Philip L. Sclater	5
Joseph B. Steere	5
Milton B. Trautman	5
Frank S. Bourns	4
Dean C. Worcester	4
George M. Sutton	2
Harold H. Bailey	1
Thomas Getty	1
Ludlow Griscom	1
Karl W. Haller	1
Byron E. Harrell	1
Gerrit P. Hekstra	1
Joseph R. Jehl, Jr.	1
Edwin L. Moseley	1
Kenneth W. Prescott	1
Robert W. Storer	1
Robert Swinhoe	1
Dwain W. Warner	1

*Includes descriptions as coauthors.

subfamily the forms described are listed alphabetically by genus, species, and subspecies, in that order.

Each account starts with the name of the new taxon followed by the citation for the original description and the date of its publication.

The second paragraph, beginning "Now," is designed to give the investigator an idea of how the form is treated in the current literature. Peters' Check-list of Birds of the World is the major source for these notes. In a few instances (e.g. *Chordeiles acutipennis littoralis* Brodkorb and *Aegithina tiphia trudiae* Prescott), no critical appraisal appears to have been made. It should be emphasized that these treatments do not necessarily reflect the views of the author, who has not evaluated the forms listed in this work.

The third paragraph gives the status as a type, kind of preparation, and data on the original label, and the fourth paragraph provides remarks, including reasons for considering a particular specimen the holotype. Notations from specimen labels are placed in quotes. Where the data on the original label do not agree with those in the description, such discrepancies are mentioned.

TABLE 2

GEOGRAPHIC SOURCES OF TYPE MATERIAL IN THE UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY

Place of Origin	Number of Names
India	164
Philippines	50
Mexico	44
(Chiapas)	34
(Yucatan)	7
(Campeche)	1
(Oaxaca)	1
(Tabasco)	1
Paraguay	19
U.S.A.	18
(Texas)	6
(California)	2
(District of Columbia)	2
(Ohio)	2
(Georgia)	1
(Idaho)	1
(Michigan)	1
(Nebraska)	1
(North Dakota)	1
(West Virginia)	1
Peru	4
Ecuador	3
Guatemala	3
Pakistan	3
Cameroon	2
Nigeria	2
Belize	1
Botswana	1
Brazil	1
Brunei	1
Canada	1
(Alberta)	1
Chile	1
Sri Lanka	1
Taiwan	1
Zimbabwe	1

Type material of birds in the UMMZ is not available for loan to other institutions, but may be studied at this museum by qualified systematists.

TYPE SPECIMENS

FAMILY RHEIDAE

Rhea americana araneipes Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 367, p. 1, 5 April 1938.

Now *Rhea americana araneipes* Brodkorb. See Mayr, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 6.

HOLOTYPE.—Adult male, flat skin and the following bones: 2 tibiotarsi, 2 tarsometatarsi, 11 phalanges (the unguis phalanges are in the skin), 2 humeri (1 incomplete), 2 radii, 2 ulnae, and 3 carpals; UMMZ 93,026, Paraguay, 195–200 km. W. of P[uer]to C[asa]do; obtained 2 March 1937 by Alberto Schulze and Lopez, original no. 3349.

REMARKS.—These bones and those of other rheas received from Schulze were cleaned and degreased in the spring of 1959. The tibiotarsi and tarsometatarsi of the holotype are fully grown, with the epiphyses completely fused to the shafts, whereas those of our two topotypes (male UMMZ 93,027 and female UMMZ 93,028) are those of immature birds with incompletely fused epiphyses.

Rhea americana nobilis Brodkorb, Proc. Biol. Soc. Washington, 52, p. 138, 11 October 1939.

Now *Rhea americana nobilis* Brodkorb. See Mayr, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 6.

HOLOTYPE.—Immature male, flat skin containing the tarsometatarsi and toe bones; tibiotarsi separate; UMMZ 100,001, [eastern Paraguay,] C[erro] Amambay [=Cordillera de Amambay], 500 m, C[apitan] Bado, 40 km WSW; obtained 16 November 1938 by Alberto Schulze, original no. 7266.

REMARKS.—Although described as an "adult" by Brodkorb, this bird's tibiotarsi show incomplete fusion of the proximal epiphyses and incomplete development of the cnemial crests, indicating that the bird was not fully grown. Two of our three other specimens ascribed to this race by the describer are immature birds, as may be the third.

The strong rusty tinge of parts of the plumage of the type looks like iron oxide, either precipitated on the feathers (as on those of Sandhill Cranes, *Grus canadensis*, or Snow Geese, *Chen caerulescens*) or deposited as a fine red dust. However, neither prolonged washing with a detergent (Dreft) nor prolonged soaking (for two weeks) in dilute hydrochloric acid affected the color of one of these feathers, nor was ferric hydroxide precipitated when the acid wash was neutralized with ammonia. In spite of this, it is likely that the rusty color is adventitious, resulting from adhering of the pervasive red dust characteristic of much of eastern Paraguay. This color is concentrated on the outer, exposed tips of the feathers and is not found on the tips of growing feathers. Of our four examples ascribed to this race by Brodkorb, only the holotype shows a markedly rusty hue and one female is lightly tinged with this color.

FAMILY TINAMIDAE

Crypturellus cinnamomeus soconuscensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 401, p. 1, 1 March 1939.

Now *Crypturellus cinnamomeus soconuscensis* Brodkorb. See Blake, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 30.

HOLOTYPE.—Adult male, skin, UMMZ 97,651, [Mexico,] Chiapas, Distrito Soc[onusco], Col[onia] Soconusco, [altitude 30 m]; obtained 16 June 1938 by Carlos Ordoñez.

Crypturus transfasciatus Sclater and Salvin, Proc. Zool. Soc. London, 1878, p. 141, pl. 13, 5 February 1878.

Now *Crypturellus transfasciatus* (Sclater and Salvin). See Blake, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 27.

HOLOTYPE.—[Male], skin, UMMZ 2730, Ecuador, [El Oro,] Santa Rosa; obtained [January 1873] by J[oseph] B. Steere.

REMARKS.—The type locality is given as in the province of Manabi in Blake (*loc. cit.*). This is probably an error. Paynter and Traylor (Ornithological Gazetteer of Ecuador, 1977, Museum of Comparative Zoology, Harvard Univ., Cambridge, Massachusetts, p. 115) list two "Santa Rosas" in Ecuador, one in El Oro and one in Pichincha, and refer to a specimen taken by Beale and Steere at Santa Rosa, El Oro, in December of 1872, the month prior to the taking of the type of *C. transfasciatus*. It is therefore probable that the type came from Santa Rosa, *El Oro*, which is here designated as the type locality.

Eudromia mira Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 382, p. 1, 20 June 1938.

Now *Eudromia formosa mira* Brodkorb. See Blake, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 46.

HOLOTYPE.—Adult male, skin, UMMZ 96,001, Paraguay, P[uer]to Pinasco, 120 km W.; obtained 29 October 1937 by [Alberto] Schulze and Lopez, original no. 5026.

Tinamus major percautus Van Tyne, Misc. Publ. Mus. Zool. Univ. Michigan, 27, p. 8, 1 August 1935.

Now *Tinamus major percautus* Van Tyne. See Peters, 1979, Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 15.

HOLOTYPE.—Adult male, skin, UMMZ 70,011, Guatemala, Petén, Uaxactun; obtained 27 March 1931 by J[osselyn] Van Tyne, original no. 2501.

FAMILY PODICIPEDIDAE

Tachybaptus dominicus eisenmanni Storer and Getty, Ornithol. Monogr., 36, p. 38, 1985.

HOLOTYPE.—Adult female in winter plumage, UMMZ 94,684, Ecuador,

Guayas, Santa Elena; obtained 23 December 1933 by P[hilip] Hershkovitz, original no. A-4.

FAMILY ARDEIDAE

Botaurus lentiginosus peeti Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 333, p. 2, 26 May 1936.

Now *Botaurus lentiginosus* (Rackett). See Payne, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 243.

HOLOTYPE.—Male with "testes fully developed," skin, UMMZ 90,010, [U.S.A.,] California, Sonoma Co., Black Point Cut-off; obtained 9 April 1922 by J[ames] Moffitt, original no. 266.

FAMILY ACCIPITRIDAE

Buteo jamaicensis fuertesi Sutton and Van Tyne, Occ. Pap. Mus. Zool. Univ. Michigan, 321, p. 1, 23 September 1935.

Now *Buteo jamaicensis fuertesi* Sutton and Van Tyne. See Stresemann and Amadon, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 370.

HOLOTYPE.—Adult female, skin, UMMZ 86,400, [U.S.A.,] Texas, Brewster Co., 22 mi S. of Alpine, Calamity Creek [Bridge]; obtained 8 March 1935 by Josselyn Van Tyne, original no. 3154.

Buteo magnirostris petersi Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 425, p. 2, 30 November 1940.

Now *Buteo magnirostris griseocauda* Ridgway. See Stresemann and Amadon, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 262.

HOLOTYPE.—Adult male, skin, UMMZ 102,048, [Mexico,] Chiapas, [above] Arriaga, altitude 100 m, obtained 25 May 1939 by Pierce Brodkorb, original no. 14,683.

FAMILY FALCONIDAE

Milvago chimango azarae Brodkorb, Proc. Biol. Soc. Washington, 52, p. 83, 5 June 1939.

Now *Milvago chimango chimango* (Vieillot). See Stresemann and Amadon, 1979, in Check-list of Birds of the World, 1, 2nd Ed., Mus. Comp. Zool., Harvard Univ., p. 394.

HOLOTYPE.—Adult male, skin, UMMZ 93,198, Paraguay, 25 km E. of Rosario; obtained 2 June 1937 by [Alberto] Schulze and Loesch, original no. 3706.

FAMILY CRACIDAE

Ortalis vetula vallicola Brodkorb, Proc. Biol. Soc. Washington, 55, p. 182, 31 December 1942.

Now *Ortalis vetula vetula* (Wagler). See Delacour and Amadon, 1973, Curassows and Related Birds, Amer. Mus. Natur. Hist., p. 91.

HOLOTYPE.—[Adult] male, skin, UMMZ 110,109, [Mexico,] Chiapas, Siltepec, Malpaso; obtained 22 June 1941 by C[arlos] O[rdoñez].

FAMILY PHASIANIDAE

Arborophila atrogularis rupchandi Koelz, J. Zool. India, 4(2), p. 155, "December 1952" (= April 1953).

Now *Arborophila atrogularis* (Blyth). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 81.

HOLOTYPE.—Male, skin, UMMZ 140,904, [India,] Assam, Menoka; obtained 17 February 1952 ("II.17.52") by W[alter] Koelz.

Arborophila rufogularis tenebrarum Koelz, Contrib. Inst. Regional Expl., 1, p. 30, 24 September 1954.

Now *Arborophila rufogularis intermedia* (Blyth). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 81.

HOLOTYPE.—Adult male, skin, UMMZ 140,862, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 15 March 1950 ("III.15.50") by Rupchand.

Bambusicola fytchii rincheni Koelz, Contrib. Inst. Regional Expl., 1, p. 30, 24 September 1954.

Now *Bambusicola fytchii hopkinsoni* Godwin-Austen. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 82.

HOLOTYPE.—Male, skin, UMMZ 140,981, [India, Assam,] Lushai Hills, Sangau; obtained 26 February "1956" ("II.26.56") [= 1953] by W[alter] Koelz.

Colinus nigrogularis caboti Van Tyne and Trautman, Occ. Pap. Mus. Zool. Univ. Michigan, 439, p. 5, 1 July 1941.

Now *Colinus nigrogularis caboti* Van Tyne and Trautman. See Ridgway and Friedmann, 1941, U. S. Natl. Mus. Bull. 50, pt. 9, p. 347.

HOLOTYPE.—[Adult] male, skin, UMMZ 103,847, [Mexico,] Yucatan, Chichen Itza; obtained 24 June 1938 by Angel Chang.

Colinus nigrogularis persiccus Van Tyne and Trautman, Occ. Pap. Mus. Zool. Univ. Michigan, 439, p. 4, 1 July 1941.

Now *Colinus nigrogularis persiccus* Van Tyne and Trautman. See Ridgway and Friedmann, 1941, U. S. Natl. Mus. Bull. 50, pt. 9, p. 350.

HOLOTYPE.—[Adult] male, skin, UMMZ 108,126, [Mexico,] Yucatan, 5 km S. of Progreso; obtained 20 March 1940 by Angel Chang.

Colinus virginianus nelsoni Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 467, p. 1, 8 October 1942.

HOLOTYPE.—[Adult] male, skin, UMMZ 110,113, [Mexico, Chiapas,] Chicomuselo; obtained 19 June 1941 by G[regorio] G[omez], original no. 417.

Dactylortyx thoracicus dolichonyx Warner and Harrell, Wilson Bull., 69, p. 138, 2 July 1957.

Now *Dactylortyx thoracicus dolichonyx* Warner and Harrell. See Banks, 1987, Occ. Pap. Western Foundation Vert. Zool., 4, p. 4.

HOLOTYPE.—“Ad” male, skin, UMMZ 102,077, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, M[oun]t Ovando, altitude 2000 m; obtained 10 March 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 14,043.

Francolinus francolinus parkerae Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 1, 27 May 1936.

Now *Francolinus francolinus asiae* Bonaparte. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 73.

HOLOTYPE.—“Ad” male, skin, UMMZ 76,949, [India,] P[un]jab, Kulu, Arsu, [altitude 5500 ft]; obtained 20 Nov[ember] 1933 by W[alter] Koelz.

Francolinus gularis ridibundus Koelz, Contrib. Inst. Regional Expl., 1, p. 31, 24 September 1954.

Now *Francolinus gularis* (Temminck). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 75.

HOLOTYPE.—Male, skin, UMMZ 141,004, [India,] U[nited] P[rovinces], Kalnahi; obtained 17 February 1947 (“II.17.47”) by W[alter] Koelz.

Francolinus pondicerianus paganus Koelz, Contrib. Inst. Regional Expl., 1, p. 31, 24 September 1954.

Now *Francolinus pondicerianus interpositus* Hartert. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 74.

HOLOTYPE.—Male, skin, UMMZ 141,007, [India,] Kathiawar, [Saurashtra,] Sihor; obtained 28 January 1949 (“I.28.49”) by W[alter] Koelz.

Francolinus pondicerianus prepositus Koelz, Contrib. Inst. Regional Expl., 1, p. 31, 24 September 1954.

Now *Francolinus pondicerianus interpositus* Hartert. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 74.

HOLOTYPE.—Male, skin, UMMZ 141,005, [India,] Punjab, Kangra [District], Kotla; obtained 7 February 1946 (“II.7.46”) by W[alter] Koelz.

Francolinus pondicerianus titar Koelz, Contrib. Inst. Regional Expl., 1, p. 31, 24 September 1954.

Now *Francolinus pondicerianus interpositus* Hartert. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 74.

HOLOTYPE.—Male, skin, UMMZ 141,006, [India,] Surguja, Ramanujanj; obtained 4 October 1947 (“X.4.47”) by W[alter] Koelz.

Gallus gallus gallina Koelz, Contrib. Inst. Regional Expl., 1, p. 29, 24 September 1954.

Now *Gallus gallus murghi* Robinson and Kloss. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 89.

HOLOTYPE.—[Adult] female, skin, UMMZ 141,131, [India,] Punjab, Kangra, Kotla; obtained 5 February 1946 (“II.5.46”) by W[alter] Koelz.

Gallus sonneratii wangyeli Koelz, Contrib. Inst. Regional Expl., 1, p. 29, 24 September 1954.

Now *Gallus sonneratii* Temminck. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 90.

HOLOTYPE.—Female, UMMZ 141,133, [India,] Sirohi, Oria [Mount Abu]; obtained 5 January 1949 (“I.5.49”) by W[alter] Koelz.

Odontophorus guttatus matudae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 401, p. 4, 1 March 1939.

Now ?*Odontophorus guttatus matudae* Brodkorb. See Hellmayr and Conover, 1942, Field Mus. Natur. Hist., Zool. Ser., 13, pt. 1(1), p. 280 (status requires confirmation).

HOLOTYPE.—[Adult] male, skin, UMMZ 97,665, [Mexico,] Chi[apa]s, Distrito Soc[onusco], Mo[un]t Madre Vieja; obtained 23 June 1938 by C[arlos] Ordoñez, original no. 102.

Tragopan blythii rupchandi Koelz, Contrib. Inst. Regional Expl., 1, p. 29, 24 September 1954.

Now *Tragopan blythii blythii* (Jerdon). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 85.

HOLOTYPE.—[Adult] female, skin, UMMZ 141,024, [India, Assam,] Lushai Hills, Blue Mountain; obtained 20 April 1953 (“IV.20.53”) by Rupchand.

FAMILY GRUIDAE

Megalornis-c[anadensis]-woodi H[arold] H. Bailey, Bailey Mus. Library Natur. Hist. Bull. 4, second page (unnumbered); although the date printed on the publication is 1 April 1930, the copy in the University of Michigan Library bears a handwritten notation reading “Released 3/20/30 H.H.B.,” Miami, Florida.

Now *Grus canadensis tabida* (Peters). See Peters, 1934, Check-list of Birds of the World, 2, Harvard Univ. Press, p. 152.

LECTOTYPE.—Adult male, skin (formerly mounted), UMMZ 838d, [U.S.A.,] Michigan, Livingston Co., Unadilla; obtained 28 May 1898, *ex* Bond collection.

REMARKS.—This form is based on the Sandhill Cranes that Bailey (*op. cit.*, first page) saw “while visiting the Museum at Ann Arbor, Michigan, last spring [1929].” According to a note left by Josselyn Van Tyne, Norman A.

Wood was out at the time of Bailey's visit, so Bailey saw only the single mounted pair on exhibit. Of these, the male is very rusty (the only character Bailey gave for separating *woodi* from the other large subspecies of Sandhill Crane), whereas the female (in the fall molt) is largely plain gray. Therefore, without question, *Megalornis canadensis woodi* Bailey was based on the male (UMMZ 838d), which is here designated the lectotype. This designation restricts the type locality given in Bailey's description as "the Peninsula of Michigan" to Unadilla, Livingston Co., Michigan.

This bird was on exhibit until early 1956, when it and the female (UMMZ 838e, obtained at Unadilla, 25 October 1900) were taken down and placed in the study collection.

The rusty color in Sandhill Cranes is known to be the result of precipitation of iron compounds in the feathers (Taverner, 1929, *Auk*, 46, pp. 228–230). Hence, *woodi* is considered a synonym of *Grus canadensis tabida* Peters.

The original labels are missing. The present ones are in Josselyn Van Tyne's handwriting, bear data from the Museum's catalogue and were evidently attached to the specimens after they were removed from the exhibit.

FAMILY JACANIDAE

Jacana spinosa dorsalis Brodkorb, Proc. Biol. Soc. Washington, 52, p. 185, 15 December 1939.

Now *Jacana jacana jacana* Linnaeus. See Blake, 1977, *Manual of Neotropical Birds*, 1, Univ. Chicago Press, p. 534.

HOLOTYPE.—[Adult] male, skin, UMMZ 93,245, Paraguay, Horqueta; obtained 19 Feb[ruary] 1937 by A[lberto] Schulze, original no. 3159.

FAMILY CHARADRIIDAE

Belonopterus chilensis fretensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 293, p. 12, 29 June 1934.

Now *Vanellus chilensis fretensis* Brodkorb. See Blake, 1977, *Manual of Neotropical Birds*, 1, Univ. Chicago Press, p. 544.

HOLOTYPE.—[Adult] female, skin, UMMZ 63,899, "Patag[onia] S[outh] A[merica]" [= Chile, Magellanes, Rio Chico,] Cheaike; obtained 16 Jan[uary] 1898 by A[lbert] E. Colburn, original no. 215. *Ex* Princeton Museum, and coll. of Henry K. Coale, Highland Park, Ill., no. 29,476.

Lobivanellus indicus lankae Koelz, Proc. Biol. Soc. Washington, 52, p. 82, 5 June 1839.

Now *Vanellus indicus lankae* (Koelz). See Ripley, 1961, *A Synopsis of the Birds of India and Pakistan*, Bombay Natur. Hist. Soc., p. 111.

HOLOTYPE.—[Adult] male, skin, UMMZ 63,888, "Ceylon" [= Sri Lanka], Galgamuwa; obtained 16 September 1922 ("16/9/22") by D. E. Goonewardine. *Ex* coll. of Henry K. Coale, Highland Park, Ill., no. 29,823.

FAMILY SCOLOPACIDAE

Scolopax rusticola ultimus Koelz, Contrib. Inst. Regional Expl., 1, p. 31, 24 September 1954.

Now *Scolopax rusticola rusticola* Linnaeus. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 125.

HOLOTYPE.—[Adult?] male, skin, UMMZ 141,635, [India, Assam,] Lushai Hills, Sangau; obtained 15 February 1953 ("II.15.53") by W[alter] Koelz.

FAMILY LARIDAE

Larus californicus albertainensis Jehl, Auk, 104, pp. 421–422, 16 July 1987.

HOLOTYPE.—Adult male, skin, UMMZ 224,653, Canada, Alberta, Frog Lake, SE St. Paul; obtained 9 July 1985, by P[hilip] H. R. Stepney.

Sterna albifrons staebleri Brodkorb, Auk, 57, p. 542, 2 October 1940.

Now *Sterna albifrons staebleri* Brodkorb. See Hellmayr and Conover, 1942, Field Mus. Natur. Hist., Zool. Ser., 13, pt. 1, (3), p. 323.

HOLOTYPE.—Adult male, skin, UMMZ 102,141, [Mexico,] Chiapas, mouth [of] Rio Cahuacan; obtained 12 April 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 14,283.

FAMILY PTEROCLIDIDAE

Pterocles coronatus ladas Koelz, Contrib. Inst. Regional Expl., 1, p. 29, 24 September 1954.

Now *Pterocles coronatus atratus* Hartert. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 153.

HOLOTYPE.—[Adult] male, skin, UMMZ 142,093, [Pakistan,] Sind, "Soneri" [=Sonahri] Lake; obtained 8 December 1939 ("XII.8.39") by W[alter] Koelz.

REMARKS.—The wing is in molt; all but 4 rectrices missing.

FAMILY COLUMBIDAE

Phabotreron nigrorum Sharpe, Trans. Linn. Soc. London, Ser. 2, 1(6), p. 346, November 1877.

Now *Phapitreron leucotis nigrorum* (Sharpe). See Peters, 1937, Check-list of Birds of the World, 3, Harvard Univ. Press, p. 23.

HOLOTYPE.—[Adult] male, skin, UMMZ B1098a, [Philippines,] Negros, San Bernardino; obtained Jan[uary] 1875 by J[oseph] B. Steere, original no. 6751.

Streptopelia orientalis khasiana Koelz, Contrib. Inst. Regional Expl., 1, p. 28, 24 September 1954.

Now *Streptopelia orientalis agricola* (Tickell). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 165.

HOLOTYPE.—[Adult] male, skin, UMMZ 142,091, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 29 October 1951 ("X.29.51") by W[alter] Koelz.

Streptopelia orientalis meridionalis Koelz, Contrib. Inst. Regional Expl., 1, p. 28, 24 September 1954.

Now *Streptopelia orientalis agricola* (Tickell). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 164.

HOLOTYPE.—[Adult] male, skin, UMMZ 142,092, [India, Assam,] Lushai Hills, Sangau; obtained 16 February 1953 ("II.16.53") by W[alter] Koelz.

FAMILY PSITTACIDAE

Nandayus nenday campicola Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 367, p. 2, 5 April 1938.

Now *Nandayus nenday* (Vieillot). See Meyer de Schauensee, 1966, The Species of Birds of South America, Acad. Natur. Sci. Philadelphia, p. 124.

HOLOTYPE.—[Adult] male, skin, UMMZ 93,297, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 13 Octob[er] 1936 by A[lberto] Schulze, original no. 2378.

Psittacula krameri fragosa Koelz, Contrib. Inst. Regional Expl., 1, p. 25, 24 September 1954.

Now *Psittacula krameri borealis* (Neumann). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 169.

HOLOTYPE.—Adult male, skin, UMMZ 142,102, [India, Rajasthan,] Sirohi, Anadra; obtained 30 December 1948 ("XII.30.48") by W[alter] Koelz.

FAMILY CUCULIDAE

Cuculus micropterus fatidicus Koelz, Contrib. Inst. Regional Expl., 1, p. 24, 24 September 1954.

Now *Cuculus micropterus micropterus* Gould. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 176.

HOLOTYPE.—[Adult] male, skin, UMMZ 142,104, [India, Assam,] [N] Cachar, Laikul; obtained 15 May 1951 ("V.15.51") by W[alter] Koelz.

Cuculus poliocephalus assamicus Koelz, J. Zool. Soc. India, 4(1), p. 45, June 1952.

Now *Cuculus poliocephalus poliocephalus* Latham. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 178.

HOLOTYPE.—[Adult] male, skin, UMMZ 147,915, [India, Nagaland,] Naga Hills, Kohima; obtained 12 July 1950 ("VII.12.50") by W[alter] Koelz.

Surniculus velutinus Sharpe, Trans. Linn. Soc. London, Ser. 2, 1(6), p. 320, November 1877.

Now *Surniculus lugubris velutinus* Sharpe. See Peters, 1940, Check-list of Birds of the World, 4, Harvard Univ. Press, p. 36.

HOLOTYPE.—[Adult] female, skin, UMMZ B1267a, Philippines, Malamaui; obtained October 1874 ("10/74") by B[ea]l & S[teere] Coll., original no. 6686.

Taccocua leschenaultii vantynei Koelz, Contrib. Inst. Regional Expl., 1, p. 24, 24 September 1954.

Now *Taccocua leschenaultii sirkee* (J. E. Gray). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 182.

HOLOTYPE.—[Adult] male, skin, UMMZ 142,103, [India, Saurashtra,] Junagadh, Sasan; obtained 4 February 1949 ("II.4.49") by W[alter] Koelz.

Tapera naevia major Brodkorb, Auk, 57, p. 543, 2 October 1940.

Now *Tapera naevia excellens* (Sclater). See Monroe, 1968, Ornithol. Monogr., 7, p. 151.

HOLOTYPE.—Adult male, skin, UMMZ 102,213, [Mexico,] Chiapas, Tonalá, obtained 19 May 1939 by P[ierce] Brodkorb, original no. 14,622.

FAMILY STRIGIDAE

Glaucidium brasilianum pallens Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 394, p. 3, 1 December 1938 [mailed 2 December 1938].

Now *Glaucidium brasilianum pallens* Brodkorb. See Peters, 1940, Check-list of Birds of the World, 4, Harvard Univ. Press, p. 131.

HOLOTYPE.—Male, skin, UMMZ 92,730, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 14 Septem[ber] 1936 by A[lb]erto Schulze, original no. 2010.

Glaucidium brasilianum saturatum Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 450, p. 1, 9 October 1941.

Now *Glaucidium brasilianum ridgwayi* Sharpe. See Friedmann, Griscom, and Moore, 1950, Pacific Coast Avifauna, 29, p. 145.

HOLOTYPE.—Male, skin, UMMZ 101,962, [Mexico,] Chiapas, Distrito Soconusco, Finca Esperanza; obtained 28 December ["DIC"] 1938 by G[regorio] Gomez.

Glaucidium brodiei garoense Koelz, J. Zool. Soc. India, 4(1), p. 45, June, 1952.

Now *Glaucidium brodiei brodiei* (Burton). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 193.

HOLOTYPE.—Male, skin, UMMZ 147,916, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 14 February 1950 ("II.14.50") by W[alter] Koelz.

Otus asio swenki Oberholser, J. Washington Acad. Sci., 27(8), p. 354, 15 August 1937.

Now *Otus asio maxwelliae* (Ridgway). See Marshall, 1967, Monogr. Western Foundation Vert. Zool., 1, p. 19.

HOLOTYPE.—Female, skin, UMMZ 121,912, [U.S.A.,] Nebr[aska], Dawes Co., Chadron, altitude 3,450 feet; obtained 1 February 1918 by L[eroy] M. Gates.

Otus bakkamoena alboniger Koelz, J. Zool. Soc. India, 4(1), p. 45, June 1952.

Now *Otus bakkamoena lettia* (Hodgson). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 190.

HOLOTYPE.—[Adult,] sex ? (“a dry bird, skinned by me”), UMMZ 147,917, [India, Assam,] Lushai Hills, Hmuntha; obtained [no date on label] by W[alter] Koelz.

Otus bakkamoena stewarti Koelz, Proc. Biol. Soc. Washington, 52, p. 80, 5 June 1939.

Now *Otus bakkamoena gangeticus* Ticehurst. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 189.

HOLOTYPE.—[Adult] male, skin, UMMZ 76,261, [India,] Punjab, Kangra, Baijnath; obtained 16 Jan[uary] 1933 by W[alter] Koelz.

Otus choliba wetmorei Brodkorb, Proc. Biol. Soc. Washington, 50, p. 33, 21 April 1937.

Now *Otus choliba wetmorei* Brodkorb. See Peters, 1940, Check-list of Birds of the World, 4, Harvard Univ. Press, p. 106.

HOLOTYPE.—Female, skin, UMMZ 92,570, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 12 July 1936 by A[lberto] Schulze, original no. 1949.

Otus guatemalae peteni Hekstra, Bull. Zool. Mus. Univ. Amsterdam, 9(7), p. 57, 17 December 1982.

HOLOTYPE.—[Adult] female, skin, UMMZ 137,395, Guatemala, Petén, Laguna Perdida; obtained 18 April 1920 (“4–18–1920”) by P[ercy] W. Shufeldt.

REMARKS.—“Contained fully formed egg.”

Otus spilocephalus rupchandi Koelz, J. Zool. Soc. India, 4(1), p. 45, June 1952.

Now *Otus spilocephalus spilocephalus* (Blyth). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 187.

HOLOTYPE.—Female, skin, UMMZ 147,918, [India, Nagaland,] Naga Hills, Kohima; obtained 10 January 1951 (“I.10.51”) by W[alter] Koelz.

Otus sunia khasiensis Koelz, Contrib. Inst. Regional Expl., 1, p. 27, 24 September 1954.

Now *Otus scops sunia* (Hodgson). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 188.

HOLOTYPE.—Male, skin, UMMZ 142,094, [India,] Assam, [Khasi Hills,] Mawphlang; obtained 16 November 1952 (“XI.16.52”) by W[alter] Koelz.

Strix nivicola obrieni Koelz, Contrib. Inst. Regional Expl., 1, p. 27, 24 September 1954.

Now *Strix aluco nivicola* (Blyth). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 199.

HOLOTYPE.—Female, skin, UMMZ 142,095, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 11 April 1953 (“IV.11.53”) by W[alter] Koelz.

FAMILY PODARGIDAE

Batrachostomus hodgsoni rupchandi Koelz, Contrib. Inst. Regional Expl., 1, p. 27, 24 September 1954.

Now *Batrachostomus hodgsoni hodgsoni* (G. R. Gray). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 201.

HOLOTYPE.—Female, skin, UMMZ 142,096, [India,] Manipur, Karong; obtained 21 December 1950 (“XII.21.50”) by W[alter] Koelz.

FAMILY CAPRIMULGIDAE

Caprimulgus indicus memnon Koelz, Contrib. Inst. Regional Expl., 1, p. 27, 24 September 1954.

Now *Caprimulgus indicus hazarae* Whistler and Kinnear. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 202.

HOLOTYPE.—Male, skin, UMMZ 142,097, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 2 April 1953 (“IV.2.53”) by W[alter] Koelz.

Caprimulgus macrurus noctuvigilus Koelz, Contrib. Inst. Regional Expl., 1, p. 26, 24 September 1954.

Now *Caprimulgus macrurus albonotatus* Tickell. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 203.

HOLOTYPE.—Female, skin, UMMZ 77,579, [India, Punjab,] Kangra District, Bhadwar; obtained 2 Apr[il] 1933, no collector, but label in Walter Koelz's handwriting and “make” of skin similar to others prepared by Koelz and his coworkers.

Caprimulgus macrurus silvanus Koelz, Contrib. Inst. Regional Expl., 1, p. 26, 24 September 1954.

Now *Caprimulgus macrurus ambiguus* Hartert. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 204.

HOLOTYPE.—Male, skin, UMMZ 142,098, [India, Nagaland,] Naga Hills, Kohima; obtained 20 September 1950 (“IX.20.50”) by W[alter] Koelz.

Chordeiles acutipennis littoralis Brodkorb, Auk, 57, p. 543, 2 October 1940.

HOLOTYPE.—Adult male, skin, UMMZ 102,233, [Mexico,] Chiapas, Arriaga, alt. 56 m.; obtained 23 May 1939 by P[ierce] Brodkorb, original no. 14,662.

FAMILY APODIDAE

Apus acuticaudus rupchandi Koelz, Contrib. Inst. Regional Expl., 1, p. 26, 24 September 1954.

Now *Apus acuticaudus* (Jerdon). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 209.

HOLOTYPE.—Female, skin, UMMZ 142,099, [India, Assam,] Lushai Hills, Blue Mountain; obtained 6 May 1953 ("V.6.53") by RupChand.

Apus melba nubifuga Koelz, Contrib. Inst. Regional Expl., 1, p. 25, 24 September 1954.

Now *Apus melba nubifuga* Koelz. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 209.

HOLOTYPE.—Female, skin, UMMZ 142,100, [India,] Kumaon, Rathi; obtained 9 June 1948 ("VI.9.48") by RupChand.

REMARKS.—"Belly patch" [= Incubation patch present].

Chaetura nubicola Brodkorb, Occ. Paper Mus. Zool. Univ. Michigan, 369, p. 1, 11 April 1938.

Now *Chaetura rutila brunneitorques* Lafresnaye. See Friedmann, Griscom, and Moore, 1950, Pacific Coast Avifauna, 29, p. 160.

HOLOTYPE.—Female, skin, UMMZ 94,083, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, M[oun]t Ovando, alt. 2000 m; obtained 1 September 1937 by P[ierce] Brodkorb, original no. 13,785.

REMARKS.—"Ovary with large eggs."

FAMILY TROCHILIDAE

Oreopyra viridipallens ovandensis Brodkorb, Occ. Paper Mus. Zool. Univ. Michigan, 401, p. 5, 1 March 1939.

Now *Lampornis viridipallens ovandensis* (Brodkorb). See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 82.

HOLOTYPE.—[Adult] male, skin, UMMZ 94,109, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, M[oun]t Ovando, alt. 2100 m.; obtained 25 August 1937 by P[ierce] Brodkorb, original no. 13,696.

FAMILY TROGONIDAE

Trogon citreolus sumichrasti Brodkorb, Proc. Biol. Soc. Washington, 55, p. 183, 31 December 1942.

Now *Trogon citreolus sumichrasti* Brodkorb. See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 153.

HOLOTYPE.—Adult male, skin, UMMZ 102,334, [Mexico,] Chiapas, Arriaga, 56 m; obtained 24 May 1939, by P[ierce] Brodkorb, original no. 14,674.

FAMILY ALCEDINIDAE

Actenoides Moseleyi Steere, List of Birds and Mammals Collected by the Steere Expedition to the Philippines, The Currier Offices, Ann Arbor, p. 11, 14 July 1890.

Now *Halcyon lindsayi moseleyi* (Steere). See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 215.

HOLOTYPE.—Female, skin, Bowling Green State University 582, [Philippines,] Negros, Sibulan; obtained 14 February 1888, by E[dwin] L. Moseley.

REMARKS.—Steere presented the type to Moseley, long a professor of biology at Bowling Green State University, Ohio, where it remained until 1988 when it was deposited on permanent loan in the University of Michigan Museum of Zoology. The original label has been removed and attached with new thread.

Chloroceryle amazona mexicana Brodkorb, Auk, 57, p. 543, 2 October 1940.

Now *Chloroceryle amazona mexicana* Brodkorb. See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 168.

HOLOTYPE.—Male, skin, UMMZ 102,344, [Mexico,] Chiapas, mouth [of] Rio Cahuacan, s[ea] l[evel]; obtained 11 April 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 14,272.

Chloroceryle americana vanrossemi Brodkorb, Auk, 57, p. 544, 2 October 1940.

Now *Chloroceryle americana septentrionalis* Laubmann. See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 168.

HOLOTYPE.—Male, skin, UMMZ 94,129, [Mexico,] Chiapas, Dist[ri]ct of] Soconusco, Finca Esperanza, 145 m, obtained 26 July 1937 by P[ierce] Brodkorb, original no. 13,489.

Halcyon Winchelli Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 318, November 1877.

Now *Halcyon winchelli winchelli* Sharpe. See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 201.

HOLOTYPE.—(Female), skin, UMMZ B658a, Philippines, "Isabele" de Basilan; obtained by Beal-Steere Expedition, original no. 6695.

REMARKS.—Spelled "Isabella" in much old literature; correct spelling is "Isabela." "Isabele" on UMMZ label is a mistranscription (*vide* K. C. Parkes, *in litt.*, 15 September 1971).

FAMILY MOMOTIDAE

Hylomanes momotula chiapensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 2, 11 April 1938.

Now ?*Hylomanes momotula chiapensis* Brodkorb. See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 221. Validity requires confirmation.

HOLOTYPE.—Adult male, skin, UMMZ 94,147, [Mexico,] Chiapas, Dis-

t[ri]ct of] Soconusco, M[oun]t Ovando, 1900 m; obtained 1 Sept[ember] 1937 by P[ierce] Brodkorb, original no. 13,792.

FAMILY MEROPIDAE

Nyctyornis athertoni bartletti Koelz, Contrib. Inst. Regional Expl., 1, p. 25, 24 September 1954.

Now *Nyctyornis athertoni athertoni* (Jardine and Selby). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 224.

HOLOTYPE.—Male, skin, UMMZ 142,101, [India, Assam,] Lushai Hills, Keitum; obtained 31 January 1953 ("I.31.53") by W[alter] Koelz.

FAMILY BUCEROTIDAE

Craniorrhinus waldeni Sharpe, J. Linn. Soc. London, Zool., 13, p. 156, 28 February 1877.

Now *Aceros leucocephalus waldeni* (Sharpe). See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 264.

HOLOTYPE.—[Adult] male, skin, UMMZ B1038a, [Philippines,] Panay, [Mountains West of Ilo Ilo]; obtained by Beal-Steere Expedition, original no. 6660. This is the single specimen which formed the basis for the original description.

Tockus birostris pergriseus Koelz, Proc. Biol. Soc. Washington, 52, p. 79, 5 June 1939.

Now *Tockus birostris* (Scopoli). See Peters, 1945, Check-list of Birds of the World, 5, Harvard Univ. Press, p. 255, and Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 228.

HOLOTYPE.—Female, skin, UMMZ 82,256, [Pakistan,] Punjab, Lahore; obtained February 13 1933 by W[alter] Koelz.

FAMILY CAPITONIDAE

Capito auratus conjunctus Brodkorb, Proc. Biol. Soc. Washington, 52, p. 135, 11 October 1939.

Now *Capito niger punctatus* (Lesson). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 25.

HOLOTYPE.—[Adult] male, skin, UMMZ 87,786, [eastern] Peru, Pozuzo; obtained Dec[ember] 19]03 by W. Hoffman[ns].

REMARKS.—As with most other birds from the H. K. Coale collection, the original label was removed and replaced with one of Coale's, which reads "Collection of Henry K. Coale, Highland Park, Ill. No. 10,080. Exchg. with Rosenberg, London."

Capito auratus macintyreii Brodkorb, Proc. Biol. Soc. Washington, 52, p. 135, 11 October 1939.

Now *Capito niger punctatus* (Lesson). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 25.

HOLOTYPE.—Male, skin, UMMZ 96,463, [Ecuador,] Oriente, (Andoas,) Rio Pastaza, 500 m; obtained 1 April 1938 ("1 IV-38") by W[illia]m Clarke-Macintyre, original no. 2026.

Capito steerii Sclater and Salvin, Proc. Zool. Soc. London, 1878, p. 140, pl. 12, 5 February 1878.

Now *Eubucco versicolor steerii* (Sclater [and Salvin]). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 29.

HOLOTYPE.—Adult male, skin, UMMZ B1388a, Peru, Moyobamba; obtained by Beal-Steere Expedition, original no. 1664.

FAMILY RAMPHASTIDAE

Aulacorhynchus prasinus chiapensis Brodkorb, Auk, 57, p. 546, 2 October 1940.

Now *Aulacorhynchus prasinus stenorhabdus* Dickey and van Rossem. See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 71.

HOLOTYPE.—Adult male, skin, UMMZ 102,376, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, M[oun]t Ovando, 1900 m; obtained 6 March 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 13,999.

Pteroglossus torquatus esperanzae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 401, p. 6, 1 March 1939.

Now *Pteroglossus torquatus torquatus* (Gmelin). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 74.

HOLOTYPE.—Male, skin, UMMZ 94,162, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Esperanza, 145 m; obtained 18 July 1937 by P[ierce] Brodkorb, original no. 13,421.

FAMILY PICIDAE

Blythipicus pyrrhotis porphyreus Koelz, Contrib. Inst. Regional Expl., 1, p. 23, 24 September 1954.

Now *Blythipicus pyrrhotis pyrrhotis* (Hodgson). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 255.

HOLOTYPE.—Male, skin, UMMZ 142,107, [India, Assam,] Khasi Hills, Nongpoh; obtained 26 June 1949 ("VI.26.49") by W[alter] Koelz.

Blythipicus pyrrhotis pyrrhopipra Koelz, Contrib. Inst. Regional Expl., 1, p. 23, 24 September 1954.

Now *Blythipicus pyrrhotis pyrrhotis* (Hodgson). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 255.

HOLOTYPE.—Male, skin, UMMZ 142,106, [India, Manipur,] Karong; obtained 25 November 1950 ("XI.25.50") by W[alter] Koelz.

Brachypternus benghalensis girensis Koelz, Contrib. Inst. Regional Expl., 1, p. 23, 24 September 1954.

Now *Dinopium benghalense dilutum* (Blyth). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 243.

HOLOTYPE.—Female, skin, UMMZ 142,105, [India,] Junagadh, Sasan; obtained 3 February 1949 ("II.3.49") by W[alter] Koelz.

Brachypternus benghalensis palliolatus Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 2, 27 May 1936.

Now *Dinopium benghalense benghalense* (Linnaeus). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 144, and Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 243.

HOLOTYPE.—Female, skin, UMMZ 77,686, [India,] Punjab, Kangra, Bhadwar, 2000 ft.; obtained April 21 1933 by W[alter] Koelz.

REMARKS.—"Laying."

Centurus carolinus harpaceus Koelz, Contrib. Inst. Regional Expl., 1, p. 32, 24 September 1954.

Now variously *Centurus carolinus harpaceus* Koelz, e.g. American Ornithologists' Union, 1957, Check-list of North American Birds, 5th Ed., AOU, p. 316; or *Melanerpes carolinus* (Linnaeus), e.g. Short, 1982, Woodpeckers of the World, Delaware Mus. Natur. Hist., Monogr. Ser. no. 4, p. 170.

HOLOTYPE.—Female, skin, UMMZ 122,056, [U.S.A.,] Texas, Matagorda County, Matagorda; obtained 28 December 1936 by H. H. Kimball.

REMARKS.—In 1945, Max Minor Peet purchased the collection of birds left by the collector H. H. Kimball to his sister, Mrs. Alice K. Myers, of Fresno, California. The collection numbered 15,146 bird skins, some of which were too damaged by insects to save. Of the total number, approximately 500 had locality data on the label. The rest, including the type of *C. c. harpaceus*, had small labels made of odd bits of paper on which was written only the date (in numerals with the month first), the sex, and the English name in an abbreviated form. Using the specimen labels with locality data and further information from Mrs. Myers, an itinerary was pieced together and labels were printed with the various localities in Arizona, New Mexico, and southern Texas where Kimball lived and presumably collected his specimens. These labels were added to the specimens and were stamped in red ink with the notation "locality only approximate" in the cases of all specimens taken on dates on which no specimens with locality data on original labels were found. The type of *C. c. harpaceus* is such a specimen without a precise locality. However, it is known that Kimball did most of his collecting near where he lived, so that it is likely that the locality is accurate to within approximately ten miles.

On the day that Koelz was preparing the description of this form, Prof. George J. Wallace brought one of his classes from Michigan State University to the University of Michigan Museum of Zoology to study the bird collection. Koelz asked the names of the visitors, John William Hardy,

William Pilou, and Prof. Wallace, and, taking the *har* from Hardy, the *p* from Pilou, and the *ace* from Wallace, and adding the Latin masculine ending, composed the name *harpaceus* (*fide* J. W. Hardy, pers. comm., April 1972). Alexander Wetmore also filed notes on the origin of this name in the National Museum of Natural History.

Chrysocolaptes erythrocephalus Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 315, pl. 46, fig. 1, November 1877.

Now *Chrysocolaptes lucidus erythrocephalus* Sharpe. See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 227.

HOLOTYPE.—Adult male, skin, UMMZ B1425a, Philippines, [Palawan,] Puerto Princesa; obtained by Beal-Steere Expedition, original no. 6473.

Chrysocolaptes maculiceps Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 314, pl. 46, fig. 2, November 1877.

Now variously treated as a synonym of *Chrysocolaptes lucidus lucidus* (Scopoli), e.g. duPont, 1971, Philippine Birds, Delaware Mus. Natur. Hist., Monogr. Ser. no. 2, p. 221, or as a valid race of that species, e.g. Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 228.

HOLOTYPE.—“Young” female, skin, UMMZ B1426a, Philippines, Basilan; obtained Oct[ober] 1874 by Beal-Steere Expedition, original no. 6694.

REMARKS.—On a separate label on which is printed “*fide* R. Bowdler Sharpe, British Museum,” is written, in Sharpe’s hand, on one side “*Chrysocolaptes maculiceps* Type,” and on the other, “This proved a mistake and is corrected by Hargitt.” The last evidently refers to Hargitt’s synonymizing *maculiceps* with *lucidus* in Catalogue of the Birds of the British Museum, 18, p. 456, 1890.

Colaptes cafer canescens Brodtkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 314, p. 1, 29 May 1935.

Now *Colaptes cafer collaris* Vigors. See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 101.

HOLOTYPE.—Male, skin, UMMZ 75,626, [U.S.A.,] Idaho, Bear Lake Co[unty], Bear Lake outlet, 4 mi. S.W. of Montpelier, 5900 ft; obtained 30 Aug[ust] 1934 by P[ierce] Brodtkorb, original no. 12,044.

Dendrocopos cathpharius cruentipectus Koelz, Contrib. Inst. Regional Expl., 1, p. 22, 24 September 1954.

Now *Dendrocopos cathpharius pyrrothorax* (Hume). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 250. (The genus *Dendrocopos* is included in *Picoides* by the American Ornithologists’ Union, 1983, Check-list of North American Birds, AOU, p. 389.)

HOLOTYPE.—Male, skin, UMMZ 142,109, [India, Assam,] Lushai Hills, Sangau; obtained 18 February 1953 (“II.18.53”) by W[alter] Koelz.

Dendrocopos darjellensis diatropus Koelz, Contrib. Inst. Regional Expl., 1, p. 22, 24 September 1954.

Now *Dendrocopos darjellensis fumidus* (Ripley). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 249.

HOLOTYPE.—Male, skin, UMMZ 142,110, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 7 April 1953 ("IV.7.53") by W[alter] Koelz.

Dendrocopos macei humei Koelz, Contrib. Inst. Regional Expl., 1, p. 22, 24 September 1954.

Now *Dendrocopos macei macei* (Vieillot). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 251.

HOLOTYPE.—Female, skin, UMMZ 142,108, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 7 November 1951 ("XI.7.51") by W[alter] Koelz.

Dendrocopos nanus gigantiusculus Koelz, J. Zool. Soc. India, 4(1), p. 44, June, 1952.

Now *Dendrocopos canicapillus semicoronatus* (Malherbe). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 252.

HOLOTYPE.—Female, skin, UMMZ 147,913, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 16 September 1951 ("IX.16.51") by W[alter] Koelz.

Gecinulus grantia aristus Koelz, Contrib. Inst. Regional Expl., 1, p. 22, 24 September 1954.

Now *Gecinulus grantia grantia* (McClelland). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 245.

HOLOTYPE.—Female, skin, UMMZ 142,112, [India, Assam,] Lushai Hills, Hmuntha; obtained 7 April 1951 ("IV.7.51") by W[alter] Koelz.

Hypopicus hyperythrus haemorrhous Koelz, J. Zool. Soc. India, 4(1), p. 44, June 1952.

Now *Hypopicus hyperythrus hyperythrus* (Vigors). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 247.

HOLOTYPE.—Female, skin, UMMZ 147,912, [India,] Manipur, Karong; obtained 15 October 1950 ("X.15.50") by W[alter] Koelz.

Hypopicus hyperythrus* [sic] *henoticus Koelz, Contrib. Inst. Regional Expl., 1, p. 22, 24 September 1954.

Now *Hypopicus hyperythrus hyperythrus* (Vigors). See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 247. (The genus *Hypopicus* is included in *Picoides* by Short, 1982, Woodpeckers of the World, Delaware Mus. Natur. Hist., Monogr. Ser. no. 4, p. 256.)

HOLOTYPE.—Female, skin, UMMZ 142,111, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 5 November 1951 ("XI.5.51") by W[alter] Koelz.

Melanerpes erythrocephalus caurinus Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 303, p. 2, 8 January 1935.

Now *Melanerpes erythrocephalus caurinus* Brodkorb. See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 158.

HOLOTYPE.—Ad[ult] female, skin, UMMZ 75,453, [U.S.A.] Nebraska, Deuel Co., Lodgepole Creek, 2 mi. N.W. Chappell; obtained 29 June 1934 by P[ierce] Brodtkorb, original no. 11,500.

REMARKS.—“80 grams. Breeding.”

Picus vittatus dawae Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 3, 27 May 1936.

Now *Picus xanthopygaeus* (Gray and Gray). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 135, and Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 241.

HOLOTYPE.—Male, skin, UMMZ 77,690, [India, Punjab,] Kangra, Bhadwar; obtained 3 Apr[il] 1933. No collector given; label in Walter Koelz's handwriting.

Sasia ochracea ferruginea Koelz, J. Zool. Soc. India, 4(1), p. 44, June 1952.

Now *Sasia ochracea reichenowi* Hesse. See Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 238.

HOLOTYPE.—Male, skin, UMMZ 147,914, [India, Nagaland,] Naga Hills, Kohima; obtained 26 June 1950 (“VI.26.50”) by W[alter] Koelz.

Trichopicus cactorum parvus Brodtkorb, Proc. Biol. Soc. Washington, 54, p. 23, 26 February 1941.

Now *Trichopicus cactorum* (d'Orbigny). See Peters, 1948, Check-list of Birds of the World, 6, Harvard Univ. Press, p. 169. (The genus *Trichopicus* is included in *Melanerpes* by Short, 1982, Woodpeckers of the World, Delaware Mus. Natur. Hist., Monogr. Ser. no. 4, p. 143.)

HOLOTYPE.—Male, skin, UMMZ 92,852, Paraguay, P[uer]to Casado, 265 kil[ometers] W; obtained 18 Sept[ember] 1936 by A[lberto] Schulze, original no. 2057.

FAMILY EURYLAIMIDAE

Eurylaemus Steerii Sharpe, Nature, 14, p. 297, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 344, November 1877, for fuller description.)

Now *Eurylaimus steerii steerii* Sharpe. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 9.

LECTOTYPE.—“Male” [=female], skin, UMMZ B610a, Phil[ippines], Basilan; obtained by Beal-Steere Expedition, original no. 6696.

REMARKS.—In the brief original description, Sharpe correctly differentiated between the sexes (purplish underparts in the male versus white ones in the female). In the fuller description published in 1877, the text was correct but the sexes were reversed in the accompanying colored plate. Sharpe also listed two males and one female as the basis for the description and cited Steere's field notes to the effect that all three were taken on the same occasion. One specimen (BM 1876.8.28.68) is correctly labelled a

male. The second, (MCZ 86,884) received from the UMMZ (no. B610b), is labelled "female" although the underparts are purplish. The third specimen (UMMZ B610a) is labelled "male" although the underparts are white, and it bears one of Sharpe's labels on which he had written "Type," as does the MCZ specimen. This label is attached to the bird with the same kind of string as that on other similar Sharpe labels on other birds. So, although the labels bearing the sex symbols may have been switched on the last two specimens, possibly by someone working from the colored plate rather than from Sharpe's Latin description, Sharpe's intention appears to have been to designate the remaining UMMZ specimen as the type. Salomonsen (1953, Vidensk. Medd. fra Dansk naturh. Foren., 115, p. 269) has designated the UMMZ specimen as lectotype.

Salomonsen (*loc. cit.*) is in error, however, in stating that the second specimen listed in the Univ. [of Michigan] Bull., New Ser., 6(2), p. 27, 1905, is now in the British Museum. The catalogue number of that specimen (1876.8.28.68) indicates that it was received by the British Museum in 1876. The UMMZ catalogue number of the second specimen formerly in this collection is B610b, and it presumably was sent to the Museum of Comparative Zoology sometime between 1905 and 1930, when Bangs (Bull. Mus. Comp. Zool. 70(4), p. 239, 1930) listed it as a cotype. Following the entry in the UMMZ catalogue for B610b is a note in Josselyn Van Tyne's hand reading "given to MCZ? when? why?"

In the 1877 article, Sharpe established the genus *Sarcophanops* for this species, the distinguishing character being the wattle around the eye. This genus has not been recognized by recent authors.

SUBFAMILY DENDROCOLAPTINAE

Dendrocolaptes picumnus extimus Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 453, p. 1, 11 December 1941.

Now *Dendrocolaptes picumnus extimus* Brodkorb. See Peters, 1951, Checklist of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 35.

HOLOTYPE.—Male, skin, UMMZ 109,757, Paraguay, Puerto Gibaja; obtained 26 July 1940 by Alb[erto] Schulze, original no. 9163.

REMARKS.—"TE" [= testes enlarged].

Lepidocolaptes souleyetii matudae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 3, 11 April 1938.

Now *Lepidocolaptes souleyetii compressus* (Cabanis). See Peters, 1951, Checklist of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 48.

HOLOTYPE.—Male, skin, UMMZ 94,190, [Mexico,] Chiapas, Dist[RICT OF] Soconusco, Finca Esperanza, 150 m.; obtained 8 July 1937 by P[ierce] Brodkorb, original no. 13,312.

SUBFAMILY FURNARIINAE

Asthenes baeri chacoensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 367, p. 2, 5 April 1938.

Now *Asthenes baeri chacoensis* Brodkorb. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 105.

HOLOTYPE.—Female, skin, UMMZ 92,737, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 17 Octob[er] 1936 by A[lberto] Schulze, original no. 2431.

Furnarius pileatus Sclater and Salvin, Proc. Zool. Soc. London, 1878, p. 139, 5 February 1878.

Now *Furnarius figulinus pileatus* Sclater and Salvin. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 71.

HOLOTYPE.—Skin, UMMZ B1517a, Brazil, [Para,] Santarem; obtained by Beal-Steere Expedition, original no. 466.

Phacellodomus rufifrons fargoi Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 316, p. 1, 29 May 1935.

Now ?*Phacellodomus rufifrons fargoi* Brodkorb. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 112.

HOLOTYPE.—Male, skin, UMMZ 76,000, Paraguay, 46 k[i][l] [ometer]s east from River Paraguay: Tropic Capric. 57–10 W; 23–24 N; obtained 5 Sept[ember] 1933 by A[lberto] Schulze, original no. 467.

FAMILY FORMICARIIDAE

Taraba major albatus Brodkorb, Proc. Biol. Soc. Washington, 50, p. 7, 23 February 1937.

Now *Taraba major major* (Vieillot). See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 159.

HOLOTYPE.—Male, skin, UMMZ 90,849, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 8 Febr[uary] 1936 by A[lberto] Schulze, original no. 1647.

Thamnophilus doliatus crepitans Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 3, 11 April 1938.

Now *Thamnophilus doliatus intermedius* Ridgway. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 163.

HOLOTYPE.—Adult, female, skin, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Esperanza, 150 m; obtained 25 July 1937 by P[ierce] Brodkorb, original no. 13,482.

REMARKS.—Letter from K. C. Parkes, 1 April 1963, states “If anybody is interested (as I usually am when people have borrowed our specimens for revisionary purposes) in my results, *Thamnophilus doliatus crepitans* Brodkorb is an excellent race, *contra* the Mex. Check-list, and *mexicanus* Allen is *not* the same as *intermedius* Ridgway, *contra* everybody. There are also some changes in the outlines of ranges as now in the literature.”

FAMILY RHINOCRYPTIDAE

Rhinocrypta lanceolata saturata Brodkorb, Proc. Biol. Soc. Washington, 52, p. 83, 5 June 1939.

Now *Rhinocrypta lanceolata saturata* Brodkorb. See Peters, 1951, Check-list of Birds of the World, 7, Mus. Comp. Zool., Harvard Univ., p. 279.

HOLOTYPE.—Female, skin, UMMZ 96,265, Paraguay, P[uer]to Casado, 170 kil[ometers] west; obtained 11 February 1938 by Alberto Schulze and Lopez, original no. 5391.

FAMILY TYRANNIDAE

Elaenia flavogaster saturata Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 478, p. 1, 5 November 1943.

Now *Elaenia flavogaster subpagana* Sclater. See Traylor, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 28.

HOLOTYPE.—Male, skin, UMMZ 104,461, "Chiapaz" [= Chiapas], Palenque; obtained 15 July 1939 ("Julio 15 de/1939") by E[steban] Cruz, original no. 909.

Elaenia viridicata pacifica Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 478, p. 3, 5 November 1943.

Now *Myiopagis viridicata pacifica* (Brodkorb). See Traylor, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 25.

HOLOTYPE.—Male, skin, UMMZ 102,557, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Esperanza, 150 m; obtained 2 March 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 13,964.

Empidonax difficilis hellmayri Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 306, p. 1, 30 January 1935.

Now *Empidonax difficilis hellmayri* Brodkorb. See Traylor, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 143.

HOLOTYPE.—Male, skin, UMMZ 59,729, [U.S.A.,] Texas, Chisos Mts., Boot Spring, 6,800 ft; obtained 19 July 1928 by J[osselyn] Van Tyne, original no. 657.

REMARKS.—"Breeding."

Myiarchus semirufus Sclater and Salvin, Proc. Zool. Soc. London, 1878, p. 138, pl. 11, 5 February 1878.

Now *Myiarchus semirufus* Sclater and Salvin. See Traylor, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 195.

HOLOTYPE.—Skin, UMMZ B575a, Peru, [La Libertad,] Pacasmayo; obtained by Beal-Steere Expedition, original no. 2693.

Oncostoma cinereigulare pacifica Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 401, p. 7, 1 March 1939.

Now *Oncostoma cinereigulare* (Sclater). See Traylor, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 78.

HOLOTYPE.—Male, skin, UMMZ 94,311, [Mexico,] Chiapas, Dist[ri]ct of

Soconusco, Finca Esperanza, 200 m; obtained 26 July 1937 by P[ierce] Brodkorb, original no. 13,485.

REMARKS.—“Iris grayish yellow.”

FAMILY PITTIDAE

Brachyurus propinquus Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 330, November 1877.

Now *Pitta erythrogaster propinqua* (Sharpe). See Mayr, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 316.

HOLOTYPE.—Male, skin, UMMZ B169a, Phil[ippine] I[slan]ds, Balabac; obtained Sept[ember] 1874 (“1879”) by Beal-Steere Expedition, original no. 6409.

REMARKS.—“Eyes gray.”

Brachyurus Steerii Sharpe, Nature, 14, p. 297, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 329–330, pl. 49, November 1877, for fuller description.)

Now *Pitta steerii steerii* (Sharpe). See Mayr, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 326.

HOLOTYPE.—Female, skin, UMMZ B624a, Phil[ippine] I[slan]ds, Mindanao, “Dumalong” [= Dumalon]; obtained by Beal-Steere Expedition, original no. 6761.

REMARKS.—“Eyes hazel.” The holotype bears a label with “*Brachyurus Steerii*, Type” written in Sharpe’s hand. The juvenal male, listed as a syntype by Warren and Harrison, 1971, Type-specimens of birds in the British Museum (Natural History), 2, p. 526, is a paratype.

Pitta brachyura pulchra Koelz, Proc. Biol. Soc. Washington, 52, p. 77, 5 June 1939.

Now *Pitta brachyura* (Linnaeus). See Mayr, 1979, Check-list of Birds of the World, 8, Mus. Comp. Zool., Harvard Univ., p. 324.

HOLOTYPE.—Male, skin, UMMZ 77,452, [India, Punjab,] Kangra, Bhadwar; obtained May 15 1933 by W[alter] Koelz.

Pitta persola Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 279, p. 1, 23 March 1934.

Now position uncertain, see Remarks.

HOLOTYPE.—Skin, UMMZ B623b (5935), Phil[ippine] I[slan]ds, Palawan, [Puerto Princesa]; obtained [August 1874] by Beal-Steere Expedition.

REMARKS.—Parkes (1960, Proc. Biol. Soc. Washington, 73, p. 58) believes that “the type of *Pitta persola* was probably a native trade skin purchased by Steere in the market in Puerto Princesa” and that “the name *persola* will probably find its way into the synonymy of one of the southern races of *Pitta sordida*, but it is certainly not applicable to the population here called *Pitta sordida palawanensis*.”

FAMILY ALAUDIDAE

Calandrella raytal vauriei Koelz, Contrib. Inst. Regional Expl., 1, p. 20, 24 September 1954.

Now either *Calandrella raytal raytal* (Blyth), see Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 265, or *Calandrella raytal vauriei* Koelz, see Peters, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 48.

HOLOTYPE.—Male, skin, UMMZ 147,878, [India,] Assam, Palasbari; obtained 12 January 1952 (“I.12.52”) by W[alter] Koelz.

REMARKS.—“Testes near breeding cond[ition].”

FAMILY HIRUNDINIDAE

Delichon nipalensis bartletti Koelz, J. Zool. Soc. India, 4(1), p. 43, June 1952.

Now *Delichon nipalensis nipalensis* Horsfield and Moore. See Peters, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 125, and Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 277.

HOLOTYPE.—Male, skin, UMMZ 147,910, [India, Assam,] Lushai Hills, Hmuntha; obtained 7 April 1951 (“IV.7.51”) by W[alter] Koelz.

Hirundo daurica khasica Koelz, Contrib. Inst. Regional Expl., 1, p. 20, 24 September 1954.

Now *Cecropis striolata mayri* (Hall). See Peters, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 117 (but listed as *Hirundo striolata mayri* Hall in Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 276).

HOLOTYPE.—Male, skin, UMMZ 147,876, [India,] Assam, [Khasi Hills,] Boko; obtained 11 June 1953 (“VI.11.53”) by W[alter] Koelz.

Petrochelidon fulva citata Van Tyne, Occ. Pap. Mus. Zool. Univ. Michigan, 385, p. 2, 28 October 1938.

Now *Petrochelidon fulva citata* Van Tyne. See Peters, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 122.

HOLOTYPE.—Adult male, skin, UMMZ 95,001, [Mexico,] Yucatan, Chichen-Itza, Ixil Cenote; obtained 31 March 1936 by J[osselyn] Van Tyne, original no. 3627.

REMARKS.—“Wt. - 20.2 gm.” On the label is the word “Testes” followed by a sketch of one testis measuring 9 x 5 mm.

Stelgidopteryx ruficollis stuarti Brodkorb, Condor, 44, p. 217, 15 September 1942.

Now *Stelgidopteryx ruficollis stuarti* Brodkorb. See Peters, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 93.

HOLOTYPE.—Female, skin, UMMZ 98,395, Guatemala, A[Ita] V[era Paz], Finca Panzamalá; obtained 31 March 1938 (“3/31”) by L[awrence] C. Stuart.

FAMILY ORIOLIDAE

Oriolus steerii Sharpe, Cat. Birds Brit. Mus., 3, p. 213, pl. 10, July 24, 1877. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 329, November 1877.)

Now *Oriolus xanthonotus steerii* Sharpe. See Greenway, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 126.

HOLOTYPE.—Skin, UMMZ B120a, Philippine I[slan]ds, [Negros]; obtained by Beal-Steere Expedition, original no. 6677.

REMARKS.—The UMMZ entry gives "Isabella de Basilan" as the locality for the specimen. This is crossed out on the label and "Negros" added.

FAMILY DICRURIDAE

Chibia menagei Bourns and Worcester, Minnesota Acad. Natur. Sci., Occ. Papers, 1(1), p. 15, 8 December 1894.

Now *Dicrurus hottentottus menagei* (Bourns and Worcester). See Vaurie, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 153.

HOLOTYPE.—Female, skin, UMMZ 70,834, [Philippines,] Tablas, Badajos; obtained 30 Sept[ember] 1892 by D[ean] C. Worcester and F[rank] S. Bourns, original no. 1609.

Dicrurus macrocercus tsipi Koelz, Contrib. Inst. Regional Expl., 1, p. 15, 24 September 1954.

Now *Dicrurus macrocercus albirictus* (Hodgson). See Vaurie, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 141.

HOLOTYPE.—Male, skin, UMMZ 147,860, [India,] Assam, Palasbari; obtained 22 December 1951 ("XII.22.51") by W[alter] Koelz.

FAMILY CORVIDAE

Cissilopha yucatanica rivularis Brodkorb, Auk, 57, p. 547, 2 October 1940.

Now *Cissilopha sanblasiana rivularis* Brodkorb. See Blake, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 220.

HOLOTYPE.—Male, skin, UMMZ 100,542, [Mexico,] Tabasco, Balancan; obtained 11 May 1939 ("Mayo") by G[regorio] Gómez, original no. 234.

Cyanocitta cristata bromia Oberholser, Auk, 38, p. 86, 18 January 1921.

Now *Cyanocitta cristata bromia* Oberholser. See Blake, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 207.

HOLOTYPE.—Male, skin, UMMZ 121,941, [U.S.A.,] Ohio, [Wayne County], Canaan; obtained 18 October 1892 by H. C. Oberholser, original no. 767.

REMARKS.—"Wooster" crossed out and "Canaan, Ohio" added on the original label. "Iris dbr [= dark brown], bill and feet bl[ac]k."

Garrulus glandarius azureitinctus Koelz, J. Zool. Soc. India, 3(1), p. 30, June 1951.

Now *Garrulus glandarius azureitinctus* Koelz. See Vaurie, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 234.

HOLOTYPE.—Male, skin, UMMZ 142,137, [India,] Manipur, (Sungtun,) Karong; obtained 7 December 1950 ("XII.7.50") by W[alter] Koelz.

Gymnorhinus cyanocephalus rostratus Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 332, p. 2, 26 May 1936.

Now *Gymnorhinus cyanocephalus* Wied. See Blake, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 206.

HOLOTYPE.—Male, skin, UMMZ 85,701, [U.S.A.,] California, San Bernardino M[oun]t[ain]s, Big Bear Valley, 7000 ft; obtained 18 Sept[ember] [19]14 by W[right] M. P[ierce,] original no. 340.

FAMILY PARIDAE

Parus amabilis Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 338, pl. 53, fig. 2, November 1877.

Now *Parus amabilis* Sharpe. See Snow, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 96.

HOLOTYPE.—"Female," skin, UMMZ B112a, Philippines, Balabac; obtained by Beal-Steere Expedition, original no. 6413.

REMARKS.—The type is a male [on the basis of plumage] *vide* K. C. Parkes (note on label, 1971).

Parus atricristatus dysleptus Van Tyne, Auk, 71, p. 201, 14 May 1954.

Now *Parus bicolor dysleptus* Van Tyne. See Snow, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 122.

HOLOTYPE.—Male, skin, UMMZ 65,256, [U.S.A.,] Texas, Brewster County, Alpine, 5 mi S, 5000 ft; obtained 15 Feb[ruary] 1935 by J[osselyn] Van Tyne, original no. 3115.

REMARKS.—On the label is the word "Testes" followed by a sketch of one testis measuring 1.5 x 1 mm. "Weight - 17.2 grams. Not fat."

FAMILY SITTIDAE

Dendrophila oenochlamys Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 338, pl. 53, fig. 3, November 1877.

Now *Sitta frontalis oenochlamys* (Sharpe). See Greenway, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 143.

HOLOTYPE.—Female, skin, UMMZ B119a, Philippines, Guimaras; obtained by Beal-Steere Expedition, original no. 6640.

Sitta carolinensis cookei Oberholser, Auk, 34, p. 185, 31 March 1917.

Now *Sitta carolinensis carolinensis* Latham. See Greenway, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 139.

HOLOTYPE.—Male, skin, UMMZ 121,942, [U.S.A.,] D[istrict of] C[ol-]

umbia,] Washington; obtained 23 May 1904 by W[ells] W. Cooke, original no. 558.

Sitta himalayensis australis Koelz, J. Zool. Soc. India, 3(1), p. 29, June 1951.

Now *Sitta himalayensis* Jardine and Selby. See Greenway, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 134.

HOLOTYPE.—Male, skin, UMMZ 190,721, [India, Nagaland,] Naga Hills, Takubama; obtained 28 August 1950 ("VIII.28.50") by W[alter] Koelz.

REMARKS.—Type locality given as "Tekhubama (ca. 8000 ft), Naga Hills, Assam, 28 July 1950" in description.

Sitta himalayensis lushaiensis Koelz, J. Zool. Soc. India, 4(1), p. 37, June 1952.

Now *Sitta himalayensis* Jardine and Selby. See Greenway, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 134.

HOLOTYPE.—Male, skin, UMMZ 147,883, [India, Assam,] Lushai Hills, Hmuntha; obtained 6 April 1951 ("IV.6.51") by W[alter] Koelz.

FAMILY CAMPEPHAGIDAE

Coracina javensis lushaiensis Koelz, Contrib. Inst. Regional Expl., 1, p. 15, 24 September 1954.

Now ?*Coracina novaehollandiae lushaiensis* Koelz. See Mayr, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 170; but listed as *Coracina novaehollandiae nipalensis* (Hodgson) in Ripley, 1961, A Synopsis of the Birds of India and Pakistan, Bombay Natur. Hist. Soc., p. 322.

HOLOTYPE.—Male, skin, UMMZ 147,859, [India, Assam,] Lushai Hills, Sangau; obtained 11 February 1953 ("II.11.53") by [Walter] Koelz.

Hemipus picatus pileatus Koelz, Contrib. Inst. Regional Expl., 1, p. 15, 24 September 1954.

Now *Hemipus picatus picatus* (Sykes). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 218.

HOLOTYPE.—Male, skin, UMMZ 147,858, [India, Assam,] Lushai Hills, Sangau; obtained 18 February 1953 ("II.18.53") by W[alter] Koelz.

Lalage sykesi eximia Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 4, 27 May 1936.

Now *Coracina melanoptera melanoptera* (Ruppell). See Mayr, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 195.

HOLOTYPE.—Male, skin, UMMZ 79,916, [India,] Punjab, Kangra, Bhadwar, 2000 ft.; obtained April 28 1933 by W[alter] Koelz.

Pericrocotus brevirostris aureus Koelz, J. Zool. Soc. India, 4(1), p. 42, June 1952.

Now *Pericrocotus ethologus mariae* Ripley. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 213.

HOLOTYPE.—Female, skin, UMMZ 147,905, [India, Assam,] Lushai Hills, Hmuntha; obtained 7 April 1951 (“IV.7.51”) by W[alter] Koelz.

REMARKS.—This specimen shows the characters listed by Mayr (Ibis, Ser. 14, 4, 1940, p. 713) for the species *ethologus*.

Pericrocotus brevirostris sanguineus Koelz, J. Zool. Soc. India, 4(1), p. 42, June 1952.

Now *Pericrocotus brevirostris brevirostris* (Vigors). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 214.

HOLOTYPE.—Female, skin, UMMZ 147,904, [India, Assam,] “Khasia” [= Khasi] Hills, Shillong Peak; obtained 20 October 1949 (“X.20.49”) by W[alter] Koelz.

REMARKS.—This specimen shows the characters listed by Mayr (Ibis, Ser. 14, 4, 1940, p. 713) for the species *brevirostris*.

Pericrocotus peregrinus galbinus Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 4, 27 May 1936.

Now *Pericrocotus cinnamomeus peregrinus* (Linnaeus). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 209.

HOLOTYPE.—Male, skin, UMMZ 79,951, [India, Punjab,] Kangra, Bhadwar; obtained Apr[il] 4 1933 by W[alter] Koelz.

Tephrodornis pondiceriana freta Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 5, 27 May 1936.

Now *Tephrodornis pondicerianus pallidus* Ticehurst. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 221.

HOLOTYPE.—Male, skin, UMMZ 82,284, [India,] Punjab, Kangra, Bhadwar; obtained April 21 1933 by “Walter Koelz.”

REMARKS.—Although in the description, the collector is given as Walter Koelz, on the original label, the collector’s name (written in Urdu) is Rupchand.

FAMILY AEGITHINIDAE

Aegithina nigrolutea sulfurea Koelz, Contrib. Inst. Regional Expl., 1, p. 9, 24 September 1954.

Now *Aegithina nigrolutea* (Marshall). See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 302.

HOLOTYPE.—Male, skin, UMMZ 147,839, [India,] Kathiawar, [Saurashtra,] Sihor; obtained 24 January 1949 (“I.24.49”) by W[alter] Koelz.

Aegithina tiphia septentrionalis Koelz, Proc. Biol. Soc. Washington, 52, p. 63, June 1939.

Now *Aegithina tiphia septentrionalis* Koelz. See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 301.

HOLOTYPE.—Male, skin, UMMZ 78,871, [India,] Punjab, Kangra, Bhadwar; obtained April 13 1933 by W[alter] Koelz.

Aegithina tiphia trudiæ Prescott, Bull. Brit. Ornithol. Club 90, p. 39, 2 April 1970.

HOLOTYPE.—Male, skin, UMMZ 113,999, [Island of Borneo, Brunei,] [Brunei Bay,] Muara Island; obtained 17 July 1945 by K[enneth] W. Prescott.

Remarks.—“1. second growth 2. white iris.”

Chloropsis cochinchinensis chloreus Koelz, Contrib. Inst. Regional Expl., 1, p. 10, 24 September 1954.

Now *Chloropsis cochinchinensis chlorocephala* (Walden). See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 304.

HOLOTYPE.—Male, skin, UMMZ 147,840, [India,] Assam, Hahim Bazar; obtained 6 January 1950 (“I.6.50”) by W[alter] Koelz.

Irena melanochlamys Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 334, November 1877.

Now *Irena cyanogaster melanochlamys* Sharpe. See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 308.

HOLOTYPE.—Male, skin, UMMZ B127a, Philippines, “Isabella” de Basilan; obtained by Beal-Steere Expedition, original no. 6699.

Irena Tweeddalii Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 333, November 1877.

Now *Irena puella tweeddalei* Sharpe. See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 308.

HOLOTYPE.—Male, skin, UMMZ B126a, Philippines, Island of Balabac; obtained by Beal-Steere Expedition.

Phyllornis palawanensis Sharpe, Nature, 14, p. 297, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 333, November 1877, for fuller description.)

Now *Chloropsis palawanensis* (Sharpe). See Delacour, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 303.

HOLOTYPE.—Male, skin, UMMZ B82a, Philippines, Palawan; obtained July 1874 by Beal-Steere Expedition.

FAMILY PYCNONOTIDAE

Criniger flaveolus aureolus Koelz, Contrib. Inst. Regional Expl., 1, p. 10, 24 September 1954.

Now *Criniger flaveolus flaveolus* (Gould). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 277.

HOLOTYPE.—Female, skin, UMMZ 147,842, [India, Nagaland,] Naga Hills, Kohima; obtained 8 January 1951 (“I.8.51”) by W[alter] Koelz.

Criniger flaveolus viridulus Koelz, Contrib. Inst. Regional Expl., 1, p. 10, 24 September 1954.

Now *Criniger flaveolus flaveolus* (Gould). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 277.

HOLOTYPE.—Male, skin, UMMZ 147,841, [India, Assam,] Lushai Hills, Sangau; obtained 16 February 1953 ("II.16.53") by W[alter] Koelz.

Criniger frater Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 334, November 1877.

Now *Criniger bres frater* Sharpe. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 281.

HOLOTYPE.—Male, skin, UMMZ B95a, Philippines, Palawan, Puerto Princesa; obtained July 1874 by Beal-Steere Expedition, original no. 6444.

Hypsipetes ruficularis Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 335, November 1877.

Now *Hypsipetes philippinus ruficularis* Sharpe. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 287.

HOLOTYPE.—(Male), skin, UMMZ B89a, Philippines, (Malamaui Island); obtained [October 1874] by Beal-Steere Expedition, original no. 6706.

REMARKS.—"Eyes dark cherry red."

Iole cinereiceps Bourns and Worcester, Minnesota Acad. Natur. Sci., Occ. Papers, 1(1), p. 25, December 1894.

Now *Hypsipetes siquijorensis cinereiceps* (Bourns and Worcester). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 287.

COTYPE.—Female, skin, UMMZ 104,923, [Philippines,] Tablas, Badajos; obtained 27 Sept[ember] [18]92 by D[ean] C. Worcester and F[rank] S. Bourns.

REMARKS.—"Menage collection no. 2207."

Iole Guimarasensis Steere, List of Birds and Mammals Collected by the Steere Expedition to the Philippines, The Currier Offices, Ann Arbor, p. 19, 14 July 1890.

Now *Hypsipetes philippinus guimarasensis* (Steere). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 287.

COTYPE.—(Female), skin, UMMZ 46b, [Philippines,] Negros, San Antonio; obtained 17 Feb[ruary] 1888 by E[dwin] L. Moseley, original no. 691.

Ixos mccllellandii vergus Koelz, Contrib. Inst. Regional Expl., 1, p. 10, 24 September 1954.

Now *Hypsipetes mccllellandii mccllellandii* Horsfield. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 290.

HOLOTYPE.—Male, skin, UMMZ 147,843, Nepal, Bhimpedi; obtained 12 March 1947 ("III.12.47") by W[alter] Koelz.

Molpastes cafer afer Koelz, Contrib. Inst. Regional Expl., 1, p. 11, 24 September 1954.

Now *Pycnonotus cafer primrosei* Deignan. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., pp. 236–237.

HOLOTYPE.—Male, skin, UMMZ 147,844, [India,] Assam, [Khasi Hills,] Mawphlang; obtained 26 December 1952 (“XII.26.52”) by W[alter] Koelz.

Poliolophus Basilanicus Steere, List of Birds and Mammals Collected by the Steere Expedition to the Philippines, The Currier Offices, Ann Arbor, p. 19, 14 July 1890.

Now *Pycnonotus urostictus basilanicus* (Steere). See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 244.

COTYPE.—Female, skin, UMMZ B87b, [Philippines,] Basilan, “Isabella”; obtained 16 Nov[ember 1887?] by E[dwin] L. Moseley.

Xanthixus flavescens fugans Koelz, J. Zool. Soc. India, 4(1), p. 40, June 1952.

Now *Pycnonotus flavescens flavescens* Blyth. See Deignan, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 245.

HOLOTYPE.—Female, skin, UMMZ 147,897, [India,] Manipur, Karong; obtained 27 November 1950 (“XI.27.50”) by W[alter] Koelz.

FAMILY TROGLODYTIDAE

Heleodytes zonatus vulcanius Brodkorb, Auk, 57, p. 547, 2 October 1940.

Now *Campylorhynchus zonatus vulcanius* (Brodkorb). See Paynter, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 385.

HOLOTYPE.—Male, skin, UMMZ 102,759, [Mexico,] Chiapas, Volcan Tacaná, Aguacaliente; obtained 2 April 1939 by P[ierce] Brodkorb and A[rthur] E. Staebler, original no. 14,230.

Thryothorus pleurostictus acaciarum Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 459, p. 9, 21 July 1942.

Now *Thryothorus pleurostictus acaciarum* Brodkorb. See Paynter, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 408.

HOLOTYPE.—Adult male, skin, UMMZ 109,324, [Mexico,] Chiapas, Tuxtla Gutiérrez (10 km W), 800 m; obtained 23 March 1941 by P[ierce] Brodkorb, original no. 14966.

REMARKS.—“kilometro 26.”

Thryothorus pleurostictus oaxacae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 459, p. 7, 21 July 1942.

Now *Thryothorus pleurostictus oaxacae* Brodkorb. See Paynter, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 408.

HOLOTYPE.—Female, skin, UMMZ 95,726, [Mexico,] Oaxaca, Santa Cruz Bay; obtained 9 March 1938 by W[illiam] H. Burt.

Troglodytes rufociliatus chiapensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 480, p. 1, 8 November 1943.

Now *Troglodytes solstitialis chiapensis* Brodkorb. See Paynter, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 427.

HOLOTYPE.—Adult male, skin, UMMZ 109,328, [Mexico,] Chiapas, Zinacantán, 2 mi W, 1700 m; obtained 18 April 1941 by P[ierce] Brodkorb, original no. 15,192.

FAMILY CINCLIDAE

Cinclus pallasii undina Koelz, Contrib. Inst. Regional Expl., 1, p. 12, 24 September 1954.

Now *Cinclus pallasii pallasii* Temminck. See Greenway, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 378.

HOLOTYPE.—Male, skin, UMMZ 147,847, [India, Assam,] Khasi Hills, Barapani; obtained 17 November 1952 ("XI.17.52") by RupChand.

SUBFAMILY SYLVIINAE

Abornis olivacea Moseley, Ibis, Ser. 6, 3, p. 47, January, 1891.

Now *Phylloscopus olivaceus* (Moseley). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 250.

SYNTYPE.—Male, skin, UMMZ 1605a, Philippines, [Samar,] Catbalagan; obtained 3 April 1888 by Beal-Steere Expedition.

Abroscopus superciliaris bambusicola Koelz, J. Zool. Soc. India, 4(1), p. 42, June 1952.

Now *Abroscopus superciliaris flaviventris* (Jerdon). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 265.

HOLOTYPE.—Male, skin, UMMZ 147,907, [India, Assam,] Lushai Hills, Chhinchhip; obtained 3 April 1951 ("IV.3.51") by W[alter] Koelz.

Homochlamys fortipes manis Koelz, Contrib. Inst. Regional Expl., 1, p. 18, 24 September 1954.

Now *Cettia fortipes fortipes* (Hodgson). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 11.

HOLOTYPE.—Male, skin, UMMZ 147,869, [India, Assam, Khasi Hills,] Mawphlang; obtained 6 December 1952 ("XII.6.52") by W[alter] Koelz.

Homochlamys fortipes mizorum Koelz, Contrib. Inst. Regional Expl., 1, p. 18, 24 September 1954.

Now *Cettia fortipes fortipes* (Hodgson). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 12.

HOLOTYPE.—Male, skin, UMMZ 148,915, [India, Assam,] Lushai Hills, Sangau; obtained 15 February 1953 ("II.15.53") by W[alter] Koelz.

Homochlamys major vafer Koelz, Contrib. Inst. Regional Expl., 1, p. 18, 24 September 1954.

Now *Cettia major vafer* (Koelz). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 14.

HOLOTYPE.—Female, skin, UMMZ 147,870, [India, Assam,] Garo Hills, Phulbari; obtained 19 January 1950 (“I.19.50”) by W[alter] Koelz.

Horeites brunnifrons muroides Koelz, Contrib. Inst. Regional Expl., 1, p. 18, 24 September 1954.

Now *Cettia brunnifrons umbraticus* (Stuart Baker). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 16.

HOLOTYPE.—Unsexed, skin, UMMZ 147,871, [India,] Assam, Bamani-gaon; obtained 28 November 1949 (“XI.28.49”) by W[alter] Koelz.

Neornis flavolivaceus circumspectus Koelz, Contrib. Inst. Regional Expl., 1, p. 18, 24 September 1954.

Now *Cettia flavolivacea stresemanni* (Koelz). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 14.

HOLOTYPE.—Female, skin, UMMZ 147,868, [India, Assam, Khasi Hills,] Mawphlang; obtained 26 August 1952 (“VIII.26.52”) by W[alter] Koelz.

Neornis flavolivaceus stresemanni Koelz, Contrib. Inst. Regional Expl., 1, p. 17, 24 September 1954.

Now *Cettia flavolivacea stresemanni* (Koelz). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 14.

HOLOTYPE.—Male, skin, UMMZ 147,867, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 6 December 1951 (“XII.6.51”) by W[alter] Koelz.

REMARKS.—“Cran[ium] gran[ular].”

Orthotomus atrigularis [*sic*] **latebricola** Koelz, Contrib. Inst. Regional Expl., 1, p. 16, 24 September 1954.

Now *Orthotomus atrogularis nitidus* Hume. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 180.

HOLOTYPE.—Male, skin, UMMZ 147,861, [India, Nagaland,] Naga Hills, Dimapur; obtained 15 February 1951 (“II.15.51”) by W[alter] Koelz.

Orthotomus cinereiceps Sharpe, Ibis, Ser. 4, 1, p. 113, January, 1877.

Now *Orthotomus cinereiceps cinereiceps* Sharpe. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 185.

HOLOTYPE.—Male, skin, UMMZ B28a, Philippines, Basilan; obtained by Beal-Steere Expedition, original no. 6697.

REMARKS.—“Eyes light hazel.”

Orthotomus frontalis Sharpe, Ibis, Ser. 4, 1, p. 112, January, 1877.

Now *Orthotomus atrogularis frontalis* Sharpe. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 181.

HOLOTYPE.—Male, skin, UMMZ B27a, Philippines, Mindanao; obtained by Beal-Steere Expedition, original no. 6800.

REMARKS.—“Eyes light hazel.”

Orthotomus Panayensis Steere, List of Birds and Mammals Collected by the Steere Expedition to the Philippines, The Currier Offices, Ann Arbor, p. 20, 14 July 1890.

Now *Orthotomus atrogularis castaneiceps* Walden. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 181.

HOLOTYPE.—Skin, UMMZ B29a, Philippines, Panay; obtained 1875 by Beal-Steere Expedition, original no. 6658.

Phylloscopus maculipennis papilio Koelz, J. Zool. Soc. India, 4(1), p. 42, June 1952.

Now *Phylloscopus maculipennis maculipennis* (Blyth). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 238.

HOLOTYPE.—Female, skin, UMMZ 147,906, [India, Assam,] Khasi Hills, Mawphlang; obtained 11 September 1949 ("IX.11.49") by W[alter] Koelz.

Phylloscopus occipitalis extimus Koelz, Contrib. Inst. Regional Expl., 1, p. 16, 24 September 1954.

Now *Phylloscopus coronatus* (Temminck and Schlegel). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 246.

HOLOTYPE.—Male, skin, UMMZ 147,864, [India,] Manipur, Karong; obtained 8 October 1950 ("X.8.50") by W[alter] Koelz.

Phylloscopus pulcher pernix Koelz, Contrib. Inst. Regional Expl., 1, p. 16, 24 September 1954.

Now *Phylloscopus pulcher pulcher* Blyth. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 237.

HOLOTYPE.—Male, skin, UMMZ 147,862, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 9 April 1953 ("IV.9.53") by W[alter] Koelz.

Phylloscopus reguloides terpsinus Koelz, Contrib. Inst. Regional Expl., 1, p. 16, 24 September 1954.

Now *Phylloscopus reguloides assamensis* Hartert. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 247.

HOLOTYPE.—Male, skin, UMMZ 147,863, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 7 April 1953 ("IV.7.53") by W[alter] Koelz.

Seicercus burkii nemoralis Koelz, Contrib. Inst. Regional Expl., 1, p. 17, 24 September 1954.

Now *Seicercus burkii burkii* (Burton). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 257.

HOLOTYPE.—Male, skin, UMMZ 147,865, [India, Assam,] Lushai Hills, Sangau; obtained 23 February 1953 ("II.23.53") by W[alter] Koelz.

Seicercus castaniceps nagaensis Koelz, J. Zool. Soc. India, 3(1), p. 29, 30 June 1951.

Now *Seicercus castaniceps castaniceps* Hodgson. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 260.

HOLOTYPE.—Male, skin, UMMZ 190,722, [India, Nagaland,] Naga Hills, Kohima; obtained 6 June 1950 ("VI.6.50") by W[alter] Koelz.

Surya [*sic*] **crinigera nebulosa** Koelz, J. Zool. Soc. India, 4(1), p. 43, June 1952.

Now *Prinia criniger catharia* (Reichenow). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 131.

HOLOTYPE.—Male, skin, UMMZ 147,908, [India, Assam, Khasi Hills,] Cherrapunji; obtained 20 April 1952 ("IV.20.52") by W[alter] Koelz.

REMARKS.—Although the generic name was not mentioned elsewhere in the description, "*Surya*" was clearly a *lapsus calami*. The correct generic name is *Suya*.

Tesia castaneocoronata regia Koelz, Contrib. Inst. Regional Expl., 1, p. 11, 24 September 1954.

Now *Oligura castaneocoronata castaneocoronata* (Burton). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 5.

HOLOTYPE.—Male, skin, UMMZ 147,846, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 3 April 1953 ("IV.3.53") by W[alter] Koelz.

Tickellia hodgsoni rupchandi Koelz, Contrib. Inst. Regional Expl., 1, p. 17, 24 September 1954.

Now *Tickellia hodgsoni hodgsoni* (Moore). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 263.

HOLOTYPE.—Male, skin, UMMZ 147,866, [India, Nagaland,] Naga Hills, Kohima; obtained 9 January 1951 ("I.9.51") by W[alter] Koelz.

SUBFAMILY POLIOPTILINAE

Ramphocaenus rufiventris ardeleo Van Tyne and Trautman, Occ. Pap. Mus. Zool. Univ. Michigan, 439, p. 9, 1 July 1941.

Now *Ramphocaenus melanurus ardeleo* Van Tyne and Trautman. See Peters, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 445.

HOLOTYPE.—Male, skin, UMMZ 95,198, [Mexico,] Yucatan, Chichen-Itza; obtained 12 March 1936 by J[osselyn] Van Tyne, original no. 3511.

REMARKS.—"Wt. 8.2 gm. In net."

SUBFAMILY MUSCICAPINAE

Alseonax muttui khosrovi Koelz, Contrib. Inst. Regional Expl., 1, p. 14, 24 September 1954.

Now *Muscicapa muttui* (Layard). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 321.

HOLOTYPE.—Male, skin, UMMZ 147,856, [India, Assam,] Lushai Hills, Aijal; obtained 20 March 1951 ("III.20.51") by W[alter] Koelz.

Cyornis philippinensis Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 325, November 1877.

Now *Niltava rufigastra philippinensis* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 371.

HOLOTYPE.—Male, skin, UMMZ B154a, Philippines, Panay; obtained Jan[uary] 1875 by Beal-Steere Expedition, original no. 6650.

REMARKS.—“Eyes dark.”

COTYPE.—“Male” (= female, *fide* K. C. Parkes, note on label dated 1957), skin, UMMZ B154b, Philippines, Panay; obtained by Beal-Steere Expedition, original no. 6648.

Cyornis sapphira coelicolor Koelz, J. Zool. Soc. India, 4(1), p. 42, June 1952.

Now *Ficedula sapphira sapphira* (Blyth). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 353.

HOLOTYPE.—Female, skin, UMMZ 147,903, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 7 February 1950 (“II.7.50”) by W[alter] Koelz.

Cyornis superciliaris clea Koelz, Contrib. Inst. Regional Expl., 1, p. 14, 24 September 1954.

Now *Ficedula superciliaris aestigma* (Gray and Gray). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 351.

HOLOTYPE.—Male, skin, UMMZ 147,854, [India, Assam, Khasi Hills,] Mawphlang; obtained 25 October 1952 (“X.25.52”) by W[alter] Koelz.

Cyornis westermanni exquisitus Koelz, Contrib. Inst. Regional Expl., 1, p. 14, 24 September 1954.

Now *Ficedula westermanni australorientalis* (Ripley). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 350.

HOLOTYPE.—Female, skin, UMMZ 147,855, [India,] Manipur, Karong; obtained 11 October 1950 (“X.11.50”) by W[alter] Koelz.

Dendrobiastes basilanica Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 332, November 1877.

Now *Ficedula basilanica basilanica* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 347.

HOLOTYPE.—Female, skin, UMMZ B139a, Philippines, Basilan, “Isabella”; obtained by Beal-Steere Expedition, original no. 6689.

REMARKS.—“Eyes hazel.”

Eumyias panayensis Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 326, November 1877.

Now *Muscicapa panayensis panayensis* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 323.

HOLOTYPE.—Skin, UMMZ B153a, Philippines, Panay; obtained by Beal-Steere Expedition, original no. 6663.

Hemichelidon ferruginea russata Koelz, Contrib. Inst. Regional Expl., 1, p. 13, 24 September 1954.

Now *Muscicapa ferruginea* (Hodgson). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 321.

HOLOTYPE.—Male, skin, UMMZ 147,853, [India, Nagaland,] Naga Hills, Kohima; obtained 20 June 1950 (“VI.20.50”) by W[alter] Koelz.

Niltava grandis pangui Koelz, Contrib. Inst. Regional Expl., 1, p. 14, 24 September 1954.

Now *Niltava grandis grandis* (Blyth). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 356.

HOLOTYPE.—Female, skin, UMMZ 147,857, [India, Assam,] Lushai Hills, “Sangao” [= Sangau]; obtained 5 March 1953 (“III.5.53”) by Rupchand.

Rhynomyas [*sic*] **ocularis** [*sic*] Bourns and Worcester, Minnesota Acad. Natur. Sci., Occ. Papers, 1(1), p. 28, December 1894.

Now *Rhinomyias ruficauda ocularis* Bourns and Worcester. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 311.

SYNTYPE.—Male, skin, UMMZ 65,113, [Philippines,] Tawi Tawi, Tataän; obtained 2 Nov[ember] 1891 by D[ean] C. Worcester and F[rank] S. Bourns, Menage Collection No. 2346. The describers gave measurements of five males and four females, but designated no holotype.

Setaria ruficauda Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 327, November 1877.

Now *Rhinomyias ruficauda ruficauda* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 311.

HOLOTYPE.—Male, skin, UMMZ B152a, Philippines, Basilan, “Isabella”; obtained Oct[ober] 1874 by Beal-Steere Expedition, original no. 6705.

REMARKS.—“Eyes light.”

Xantholestes panayensis Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 327, November 1877.

Now *Culicicapa helianthea panayensis* (Sharpe). Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 375.

HOLOTYPE.—Male, skin, UMMZ B151a, Philippines, Panay; obtained by Beal-Steere Expedition, original no. 6644.

REMARKS.—The tail and one wing are missing.

SUBFAMILY RHIPIDURINAE

Hypothymis superciliaris Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 326, November 1877.

Now *Rhipidura superciliaris superciliaris* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 531.

HOLOTYPE.—Male, skin, UMMZ B144a, Philippines, Basilan, “Isabella”; obtained by Beal-Steere Expedition, original no. 6674.

Leucocirca albicollis canescens Koelz, Proc. Biol. Soc. Washington, 52, p. 68, 5 June 1939.

Now *Rhipidura albicollis canescens* (Koelz). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 533.

HOLOTYPE.—Male, skin, UMMZ 80,236, [India, Punjab,] Bhadwar, Kangra; obtained Mar. 31, 1933 by W[alter] Koelz.

Philentoma albiventris Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 325, November 1877.

Now *Rhipidura cyaniceps albiventris* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 532.

HOLOTYPE.—Adult, skin, UMMZ B141a, Philippines, Guimaras; obtained by Beal-Steere Expedition, original no. 6631.

Rhipidura sauli Bourns and Worcester, Minnesota Acad. Natur. Sci., Occ. Pap., 1(1), p. 26, December 1894.

Now *Rhipidura cyaniceps sauli* Bourns and Worcester. See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 532.

COTYPE.—Male, skin, UMMZ 65,117, Philippines, Tablas, Badajos; obtained 27 September [18]92 by [Dean C.] Bourns and [Frank S.] Worcester.

SUBFAMILY MONARCHINAE

Zeocephus cinnamomeus Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 328, November 1877.

Now *Terpsiphone cinnamomea cinnamomea* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 490.

HOLOTYPE.—Male, skin, UMMZ B155a, Philippines, Basilan; obtained by Beal-Steere Expedition, original no. 6690.

REMARKS.—“Eyes dark.”

Zeocephus cyanescens Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 328, November 1877.

Now *Terpsiphone cyanescens* (Sharpe). See Watson, 1986, Check-list of Birds of the World, 11, Mus. Comp. Zool., Harvard Univ., p. 489.

HOLOTYPE.—Skin, UMMZ B156a, Philippines, Palawan, Puerto Princesa; obtained July 1874 by Beal-Steere Expedition, original no. 6492.

REMARKS.—“Eyes black.”

SUBFAMILY TURDINAE

Brachypteryx leucophrys geokichla Koelz, J. Zool. Soc. India, 4(1), p. 41, June 1952.

Now *Brachypteryx leucophrys nipalensis* Hodgson. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 15.

HOLOTYPE.—Female, skin, UMMZ 147,899, [India,] Manipur, Karong; obtained 5 November 1950 (“XI.5.50”) by W[alter] Koelz.

Catharus dryas ovandensis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 4, 11 April 1938.

Now *Catharus dryas ovandensis* Brodtkorb. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 169.

HOLOTYPE.—Adult male, skin, UMMZ 94,409, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Mount Ovando, 1775 m; obtained 25 Au[gust] 1937 by P[ierce] Brodtkorb, original no. 13,679.

Cittocincla nigra Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 335, pl. 52, November 1877.

Now *Copsychus niger niger* (Sharpe). See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 73.

HOLOTYPE.—Male, skin, UMMZ B163a, Philippines, Palawan; obtained July 1874 by Beal-Steere Expedition, original no. 6477.

REMARKS.—“6477 evidently instead of 7477 on the original field label,” “eyes black,” “P. P. July 1874 7477 male eyes black.”

Larvivora brunnea angamea Koelz, J. Zool. Soc. India, 4(1), p. 41, June 1952.

Now *Erithacus brunneus brunneus* (Hodgson). See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 46.

HOLOTYPE.—Male, skin, UMMZ 147,900, [India, Nagaland,] Naga Hills, Takubama; obtained 25 August 1950 (“VIII.25.50”) by RupChand.

Luscinia daulias Koelz, Contrib. Inst. Regional Expl., 1, p. 12, 24 September 1954.

Now *Erithacus pectardens* (David). See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 46.

HOLOTYPE.—Male, skin, UMMZ 147,848, [India, Assam,] Garo Hills, Phulbari; obtained 18 January 1950 (“I.18.50”) by W[alter] Koelz.

Myophonus caeruleus euterpe Koelz, Contrib. Inst. Regional Expl., 1, p. 12, 24 September 1954.

Now *Myiophoneus caeruleus temminckii* Gray. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 142.

HOLOTYPE.—Male, skin, UMMZ 147,850, [India, Assam,] Khasi Hills, Mawphlang; obtained 5 January 1953 (“I.5.53”) by W[alter] Koelz.

Notodela leucura rhipidura Koelz, J. Zool. Soc. India, 4(1), p. 41, June 1952.

Now *Cinclidium leucurum leucurum* (Hodgson). See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 81.

HOLOTYPE.—Female, skin, UMMZ 147,901, [India, Nagaland,] Naga Hills, Takubama; obtained 4 August 1950 (“VIII.4.50”) by W[alter] Koelz.

Phoenicurus frontalis perates Koelz, Contrib. Inst. Regional Expl., 1, p. 13, 24 September 1954.

Now *Phoenicurus frontalis* Vigors. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 78.

HOLOTYPE.—Female, skin, UMMZ 147,851, [India,] Manipur, Karong; obtained 1 December 1950 (“XII.1.50”) by W[alter] Koelz.

Saxicoloides fulicata munda Van Tyne and Koelz, Occ. Pap. Mus. Zool. Univ. Michigan, 334, p. 5, 27 May 1936.

Now *Saxicoloides fulicata cambaiensis* (Latham). See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 133.

HOLOTYPE.—Male, skin, UMMZ 79,658, [India,] Punjab, Kangra, Bhadwar, 2000 ft; obtained May 15 1933 by W[alter] Koelz.

Turdus rufiventris chacoensis Brodtkorb, Proc. Biol. Soc. Washington, 52, p. 84, 5 June 1939.

Now *Turdus rufiventris rufiventris* Vieillot. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 214.

HOLOTYPE.—Male, skin, UMMZ 93,731, Paraguay, P[uer]to Casado, 195–200 k[m] W; obtained 29 Aug[ust] 1937 by [Alberto] Schulze and Lopez, original no. 4367.

Turdus unicolor subbicolor Koelz, Contrib. Inst. Regional Expl., 1, p. 12, 24 September 1954.

Now *Turdus unicolor* Tickell. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 187.

HOLOTYPE.—Female, skin, UMMZ 147,849, [India,] Assam, [Khasi Hills,] Mawphlang; obtained 27 November 1952 (“XI.27.52”) by W[alter] Koelz.

Zoothera marginata tenebrosa Koelz, J. Zool. Soc. India, 4(1), p. 41, June 1952.

Now *Zoothera marginata* Blyth. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 160.

HOLOTYPE.—Male, skin, UMMZ 147,902, [India, Nagaland,] Naga Hills, “Nichuguard” [=Nichugard]; obtained 1 February 1951 (“II.1.51”) by W[alter] Koelz.

Zoothera monticola tenebricola Koelz, Contrib. Inst. Regional Expl., 1, p. 13, 24 September 1954.

Now *Zoothera monticola monticola* Vigors. See Ripley, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 159.

HOLOTYPE.—Male, skin, UMMZ 147,852, [India, Assam,] Lushai Hills, [Sangau,] Blue M[oun]t[ain]; obtained 3 April 1953 (“IV.3.53”) by W[alter] Koelz.

SUBFAMILY TIMALIINAE

Actinodura egertoni montivaga Koelz, Contrib. Inst. Regional Expl., 1, p. 7, 24 September 1954.

Now *Actinodura egertoni khasiana* (Godwin-Austen). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 391.

HOLOTYPE.—Female, skin, UMMZ 147,830, [India, Nagaland,] Naga Hills, Kohima; obtained 21 January 1951 (“I.21.51”) by W[alter] Koelz.

Alcippe nipalensis khasiensis Koelz, Contrib. Inst. Regional Expl., 1, p. 6, 24 September 1954.

Now *Alcippe nipalensis commoda* Ripley. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 411.

HOLOTYPE.—Skin, UMMZ 147,827, [India, Assam,] Khasi Hills, “Cherrapunje” [= Cherrapunji]; obtained 14 December 1953 (“XII.14.53”) by Rupchand.

Alcippe nipalensis turensis Koelz, J. Zool. Soc. India, 4(1), p. 39, June 1952.

Now *Alcippe nipalensis nipalensis* (Hodgson). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 411.

HOLOTYPE.—Adult male, skin, UMMZ 147,892, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 2 February 1950 (“II.2.50”) by W[alter] Koelz.

Argya earlei sonivia Koelz, Contrib. Inst. Regional Expl., 1, p. 3, 24 September 1954.

Now *Turdoides earlei sonivius* (Koelz). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 333.

HOLOTYPE.—Male, skin, UMMZ 78,707, “India” [= Pakistan,] Sind, “Khinjar” [= Kinjhar] Lake; obtained 1 February 1934 by W[alter] Koelz.

Argya longirostris arcana Koelz, Contrib. Inst. Regional Expl., 1, p. 3, 24 September 1954.

Now *Turdoides longirostris* (Moore). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 334.

HOLOTYPE.—Male, skin, UMMZ 147,814, [India,] Manipur, Karong; obtained 16 December 1950 (“XII.16.50”) by W[alter] Koelz.

REMARKS.—“Type picked out Feb 16, 1953-J[osselyn] V[an Tyne].”

Babax lanceolatus oribata Koelz, Contrib. Inst. Regional Expl., 1, p. 3, 24 September 1954.

Now *Babax lanceolatus woodi* Finn. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 347.

HOLOTYPE.—Male, skin, UMMZ 147,813, [India, Assam,] Lushai Hills, Blue Mountain; obtained 12 April 1953 (“IV.12.53”) by Rupchand.

Chrysomma sinensis nagaensis Koelz, Contrib. Inst. Regional Expl., 1, p. 4, 24 September 1954.

Now *Chrysomma sinense hypoleucum* (Franklin). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 328.

HOLOTYPE.—Male, skin, UMMZ 147,818, [India,] Manipur, Karong; obtained 26 October 1950 (“X.26.50”) by W[alter] Koelz.

Chrysomma sinensis saurashtrensis Koelz, Contrib. Inst. Regional Expl., 1, p. 4, 24 September 1954.

Now *Chrysomma sinense hypoleucum* (Franklin). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 328.

HOLOTYPE.—Male, skin, UMMZ 147,819, [India, Saurashtra,] Junagadh, Sasan; obtained 30 January 1949 (“I.30.49”) by W[alter] Koelz.

Cutia nipalensis nagaensis Koelz, Contrib. Inst. Regional Expl., 1, p. 9, 24 September 1954.

Now *Cutia nipalensis nipalensis* Hodgson. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 384.

HOLOTYPE.—Female, skin, UMMZ 147,836, [India, Nagaland,] Naga Hills, Kohima; obtained 4 June 1950 ("VI.4.50") by RupChand.

Dryonastes caerulatus biswasi Koelz, J. Zool. Soc. India, 4(2), p. 153, "December 1952" (= April 1953).

Now *Garrulax caerulatus livingstoni* Ripley. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 366.

HOLOTYPE.—Male, skin, UMMZ 190,727, [India, Nagaland,] Naga Hills, Kohima; obtained January 19 1951 ("I.19.51") by W[alter] Koelz.

REMARKS.—"Type according to Koelz 9 Oct 59," in Robert W. Storer's handwriting.

Gampsorhynchus rufulus ahomensis Koelz, Contrib. Inst. Regional Expl., 1, p. 4, 24 September 1954.

Now *Gampsorhynchus rufulus rufulus* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 390.

HOLOTYPE.—Male, skin, UMMZ 147,817, [India, Nagaland,] Naga Hills, "Nichughat" [= Nichugard]; obtained 25 January 1951 ("I.25.51") by W[alter] Koelz.

Garrulax galbanus galbanatus Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Garrulax galbanus galbanus* Godwin-Austen. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 360.

HOLOTYPE.—Male, skin, UMMZ 147,811, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 19 February 1953 ("II.19.53") by W[alter] Koelz.

Garrulax gularis gratior Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Garrulax delesserti gularis* (McClelland). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 360.

HOLOTYPE.—Male, skin, UMMZ 147,812, [India, Assam,] Lushai Hills, Sangau; obtained 9 February 1953 ("II.9.53") by W[alter] Koelz.

REMARKS.—On a separate label in Josselyn Van Tyne's hand is written "Throat: O-16-10L, Undertail coverts: 0-9-11L, Lower back: 0-4-11L. Colors from Villalobos Color Atlas, Dec. 19, 1953."

Ianthocincla rufogularis rufitincta Koelz, J. Zool. Soc. India, 4(1), p. 37, June 1952.

Now *Garrulax rufogularis rufitinctus* (Koelz). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 364.

HOLOTYPE.—Female, skin, UMMZ 147,884, [India, Assam,] "Khasia" [= Khasi] Hills, Pynursla; obtained 29 August 1949 ("VIII.29.49") by W[alter] Koelz.

Leioptila gracilis ardosiaca Koelz, Contrib. Inst. Regional Expl., 1, p. 7, 24 September 1954.

Now *Heterophasia gracilis* (McClelland). See Deignan, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 417–418.

HOLOTYPE.—Male, skin, UMMZ 147,829, [India, Assam, Khasi Hills,] Mawphlang; obtained 27 December 1952 (“XII.27.52”) by W[alter] Koelz.

Liocichla steerii Swinhoe, Ibis, Ser. 4, 1, p. 474, pl. 14, October 1877.

Now *Liocichla (steerii) steerii* Swinhoe. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 381.

HOLOTYPE.—Skin, UMMZ B62a, “Formosa” [= Taiwan]; obtained [October 1873] by Beal-Steere Expedition, original no. 3008.

Lioparus chrysotis albilineatus Koelz, Contrib. Inst. Regional Expl., 1, p. 7, 24 September 1954.

Now *Alcippe chrysotis albilineata* (Koelz). See Deignan, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 398.

HOLOTYPE.—Female, skin, UMMZ 147,828, [India,] Manipur, (Sung-tun,) Karong; obtained 6 December 1950 (“XII.6.50”) by W[alter] Koelz.

Liothrix [sic] lutea luteola Koelz, J. Zool. Soc. India, 4(1), p. 39, June 1952.

Now ?*Leiothrix lutea luteola* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 383.

HOLOTYPE.—Male, skin, UMMZ 147,894, [India, Assam,] Khasi Hills, Mawryngkneng; obtained 7 December 1951 (“XII.7.51”) by W[alter] Koelz.

REMARKS.—*Liothrix* is a *lapsus calami*. The correct generic name is *Leiothrix*.

Macronus gularis assamicus Koelz, J. Zool. Soc. India, 3(1), p. 27, June 1951.

Now *Macronous gularis rubicapillus* (Tickell). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 319.

HOLOTYPE.—Breeding male, skin, UMMZ 190,725, [India, Assam,] Garo Hills, Tura; obtained 28 January 1950 (“I.28.50”) by W[alter] Koelz.

Macronus Mindanensis Steere, List of Birds and Mammals Collected by the Steere Expedition to the Philippines, The Currier Offices, Ann Arbor, p. 17, 14 July 1890.

Now *Macronous striaticeps mindanensis* (Steere). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 324.

HOLOTYPE.—Skin, UMMZ B64c, Philippines, Mindanao, Ayala; obtained 17 October 1887 by J[oseph] B. Steere.

REMARKS.—“Eyes black.”

Macronus striaticeps Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 331, November 1877.

Now *Macronous striaticeps striaticeps* Sharpe. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 324.

HOLOTYPE.—Male, skin, UMMZ B64a, Philippines, Malamaui; obtained October 1874 by Beal-Steere Expedition, original no. 6604.

Malacocincla abbotti amabilis Koelz, J. Zool. Soc. India, 4(1), p. 39, June 1952.

Now *Trichastoma abbotti amabile* (Koelz). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 255.

HOLOTYPE.—Male, skin, UMMZ 147,891, [India, Nagaland,] Naga Hills, Nichugard; obtained 28 January 1951 ("I.28.51") by W[alter] Koelz.

Mesia argentauris aureigularis Koelz, J. Zool. Soc. India, 4(2), p. 153, "December 1952" (= April 1953).

Now *Leiothrix argentauris aureigularis* (Koelz). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 381.

HOLOTYPE.—Male, skin, UMMZ 190,726, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 22 January 1950 ("I.22.50") by W[alter] Koelz.

Mixornis Woodi Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 331, November 1877.

Now *Macronous gularis woodi* (Sharpe). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 323.

HOLOTYPE.—Male, skin, UMMZ B63a, Philippines, Palawan, Puerto Princessa; obtained July 1874 by Beal-Steere Expedition, original no. 6481.

REMARKS.—"Eyes hazel."

Napothera brevicaudata naphaea Koelz, Contrib. Inst. Regional Expl., 1, p. 5, 24 September 1954.

Now *Napothera brevicaudata striata* (Walden). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 288–289.

HOLOTYPE.—Male, skin, UMMZ 147,820, [India, Assam,] Lushai Hills, Sangau; obtained 7 February 1953 ("II.7.53") by W[alter] Koelz.

Pnoepyga albiventer vegeta Koelz, Contrib. Inst. Regional Expl., 1, p. 11, 24 September 1954.

Now *Pnoepyga albiventer albiventer* (Hodgson). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 293–294.

HOLOTYPE.—Female, skin, UMMZ 147,845, [India, Nagaland,] Naga Hills, Kohima; obtained 19 January 1951 ("I.19.51") by W[alter] Koelz.

REMARKS.—The label bears the following note in Josselyn Van Tyne's handwriting. "Bill of type of *magnirostris* ca = to this."

Pnoepyga pusilla pygmaea Koelz, J. Zool. Soc. India, 4(1), p. 40, June 1952.

Now *Pnoepyga pusilla pusilla* Hodgson. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 294.

HOLOTYPE.—Female, skin, UMMZ 147,898, [India,] Manipur, Karong; obtained 29 October 1950 ("X.29.50") by W[alter] Koelz.

Pomatorhinus erythrogenys erythrotis Koelz, J. Zool. Soc. India, 4(1), p. 38, June 1952.

Now *Pomatorhinus erythrogyens maclellandi* Godwin-Austen. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 267.

HOLOTYPE.—Male, skin, UMMZ 147,889, [India,] Manipur, Karong; obtained 5 October 1950 ("X.5.50") by W[alter] Koelz.

Pomatorhinus ferruginosus formosus Koelz, J. Zool. Soc. India, 4(1), p. 39, June 1952.

Now *Pomatorhinus ferruginosus formosus* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 277.

HOLOTYPE.—Male, skin, UMMZ 147,890, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 11 February 1950 ("II.11.50") by W[alter] Koelz.

Pomatorhinus ruficollis rector Koelz, Contrib. Inst. Regional Expl., 1, p. 4, 24 September 1954.

Now *Pomatorhinus ruficollis bakeri* Harrington. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 274.

HOLOTYPE.—Male, skin, UMMZ 147,815, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 28 March 1953 ("III.28.53") by W[alter] Koelz.

Pseudominla castaneiceps garoensis Koelz, J. Zool. Soc. India, 3(1), p. 29, June 1951.

Now *Alcippe castaneiceps castaneiceps* (Hodgson). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 399.

HOLOTYPE.—Male, skin, UMMZ 190,723, [India, Assam,] Garo Hills, Tura M[oun]t[ain]; obtained 20 February 1950 ("II.20.50") by W[alter] Koelz.

Pteruthius aenobarbus aenobarbulus Koelz, Contrib. Inst. Regional Expl., 1, p. 9, 24 September 1954.

Now *Pteruthius aenobarbus aenobarbulus* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 389.

HOLOTYPE.—Male, skin, UMMZ 147,837, [India, Assam,] Garo Hills, Nokrek; obtained 7 March 1950 ("III.7.50") by W[alter] Koelz.

REMARKS.—"Breeding."

Pteruthius erythropterus glauconotus Koelz, Contrib. Inst. Regional Expl., 1, p. 9, 24 September 1954.

Now *Pteruthius flaviscapis validirostris* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 385–386.

HOLOTYPE.—Female, skin, UMMZ 147,838, [India, Assam,] Lushai Hills, Sangau; obtained 10 February 1953 ("II.10.53") by W[alter] Koelz.

Pteruthius erythropterus nocrecus Koelz, J. Zool. Soc. India, 4(1), p. 40, June 1952.

Now *Pteruthius flaviscapis validirostris* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 385–386.

HOLOTYPE.—Female, skin, UMMZ 147,895, [India, Assam,] Garo Hills,

Tura M[oun]t[ain]; obtained 17 February 1950 ("II.17.50") by W[alter] Koelz.

Pteruthius erythropterus validirostris Koelz, J. Zool. Soc. India, 3(1), p. 28, June 1951.

Now *Pteruthius flaviscapis validirostris* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 385–386.

HOLOTYPE.—Male, skin, UMMZ 190,724, [India, Nagaland,] Naga Hills, Kohima; obtained 10 January 1951 ("I.10.51") by W[alter] Koelz.

Pteruthius melanotis melanops Koelz, J. Zool. Soc. India, 4(1), p. 40, June 1952.

Now *Pteruthius melanotis melanotis* Hodgson. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 388.

HOLOTYPE.—Male, skin, UMMZ 147,896, [India, Nagaland,] Naga Hills, Kohima; obtained 9 January 1951 ("I.9.51") by W[alter] Koelz.

Ptilocichla falcata Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 332, November 1877.

Now *Ptilocichla falcata* Sharpe. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 285.

HOLOTYPE.—Male, skin, lacking legs, UMMZ B125a, Philippines, Palawan; obtained by Beal-Steere Expedition.

Rimator malacoptilus amadoni Koelz, Contrib. Inst. Regional Expl., 1, p. 5, 24 September 1954.

Now *Rimator malacoptilus malacoptilus* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 284.

HOLOTYPE.—Male, skin, UMMZ 147,821, [India, Assam,] Khasi Hills, Mawphlang; obtained 8 October 1949 ("X.8.49") by W[alter] Koelz.

REMARKS.—"Cranial gran[ulation] inc[omplete]."

Schoeniparus dubius certus Koelz, J. Zool. Soc. India, 4(1), p. 39, June 1952.

Now *Alcippe brunnea mandellii* (Godwin-Austen). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 405.

HOLOTYPE.—Male, skin, UMMZ 147,893, [India, Assam,] "Khasia" [= Khasi] Hills, Shillong Peak; obtained on 18 October 1949 ("X.18.49") by W[alter] Koelz.

Siva cyanouroptera rama Koelz, Contrib. Inst. Regional Expl., 1, p. 8, 24 September 1954.

Now *Minla cyanouroptera cyanouroptera* (Hodgson). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 394.

HOLOTYPE.—Male, skin, UMMZ 147,832, [India, Assam,] Garo Hills, near Nokrek; obtained 25 February 1950 ("II.25.50") by W[alter] Koelz.

Siva cyanouroptera thalia Koelz, Contrib. Inst. Regional Expl., 1, p. 8, 24 September 1954.

Now *Minla cyanouroptera cyanouroptera* (Hodgson). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 394.

HOLOTYPE.—Male, skin, UMMZ 147,831, [India, Assam, Khasi Hills,] Mawphlang; obtained 14 December 1952 ("XII.14.52") by W[alter] Koelz.

Stachyris chrysaea chrysocoma Koelz, Contrib. Inst. Regional Expl., 1, p. 5, 24 September 1954.

Now *Stachyris chrysaea chrysaea* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 305.

HOLOTYPE.—Male, skin, UMMZ 147,823, [India,] Manipur, Karong (Sungtun); obtained 7 December 1950 ("XII.7.50") by W[alter] Koelz.

Stachyris chrysaea crocina Koelz, Contrib. Inst. Regional Expl., 1, p. 6, 24 September 1954.

Now *Stachyris chrysaea binghami* Rippon. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 306.

HOLOTYPE.—Male, skin, UMMZ 147,824, [India, Assam,] Lushai Hills, Sangau; obtained 11 March 1953 ("III.11.53") by W[alter] Koelz.

Stachyris nigriceps ravidia Koelz, Contrib. Inst. Regional Expl., 1, p. 5, 24 September 1954.

Now *Stachyris nigriceps spadix* Ripley. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., pp. 309–310.

HOLOTYPE.—Male, skin, UMMZ 147,822, [India, Assam,] Lushai Hills, Sangau; obtained 14 February 1953 ("II.14.53") by [Walter] Koelz.

Stachyris pyrrhops ochrops Koelz, Contrib. Inst. Regional Expl., 1, p. 6, 24 September 1954.

Now *Stachyris pyrrhops* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 305.

HOLOTYPE.—Female, skin, UMMZ 147,826, [India,] Punjab, Kangra [District], Kotla; obtained 26 January 1946 ("I.26.46") by W[alter] Koelz.

Stachyris ruficeps rufipectus Koelz, Contrib. Inst. Regional Expl., 1, p. 6, 24 September 1954.

Now *Stachyris ruficeps rufipectus* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 304.

HOLOTYPE.—Female, skin, UMMZ 147,825, [India, Nagaland,] Naga Hills, Kohima; obtained 9 January 1951 ("I.9.51") by W[alter] Koelz.

Stactocichla merulina toxostomina Koelz, J. Zool. Soc. India, 4(1), p. 38, June 1952.

Now *Garrulax merulinus merulinus* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 368.

HOLOTYPE.—Male, skin, UMMZ 147,888, [India,] Manipur, Karong; obtained 15 October 1950 ("X.15.50") by W[alter] Koelz.

Trochalopteron phoeniceum khasium Koelz, J. Zool. Soc. India, 4(1), p. 38, June 1952.

Now *Liocichla phoenicea bakeri* (Hartert). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 380.

HOLOTYPE.—Male, skin, UMMZ 147,885, [India, Assam,] “Khasia” [= Khasi] Hills, Laitlynkot; obtained 2 August 1949 (“VIII.2.49”) by W[alter] Koelz.

Trochalopteron squamatum subsquamatum Koelz, J. Zool. Soc. India, 4(1), p. 38, June 1952.

Now *Garrulax squamatus* (Gould). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 372.

HOLOTYPE.—Male, skin, UMMZ 147,886, [India, Assam,] “Khasia” [= Khasi] Hills, Pynursla; obtained 28 August 1949 (“VIII.28.49”) by W[alter] Koelz.

Trochalopteron virgatum querulum Koelz, J. Zool. Soc. India, 4(1), p. 38, June 1952.

Now *Garrulax virgatus* (Godwin-Austen). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 372.

HOLOTYPE.—Female, skin, UMMZ 147,887, [India, Assam,] Lushai Hills, Hmuntha; obtained 7 April 1951 (“IV.7.51”) by W[alter] Koelz.

Xiphorhamphus superciliaris arquatellus Koelz, Contrib. Inst. Regional Expl., 1, p. 4, 24 September 1954.

Now *Xiphirhynchus superciliaris intextus* Ripley. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 282.

HOLOTYPE.—Male, skin, UMMZ 147,816, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 15 April 1953 (“IV.15.53”) by W[alter] Koelz.

Yuhina gularis vivax Koelz, Contrib. Inst. Regional Expl., 1, p. 8, 24 September 1954.

Now *Yuhina gularis vivax* Koelz. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 424.

HOLOTYPE.—Male, skin, UMMZ 147,833, [India, United Provinces,] Tehri, above Luni, 10,000 ft.; obtained 24 September 1948 (“IX.24.48”) by W[alter] Koelz.

Yuhina nigrimentum titania Koelz, Contrib. Inst. Regional Expl., 1, p. 9, 24 September 1954.

Now *Yuhina nigrimenta nigrimenta* Blyth. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 425.

HOLOTYPE.—Male, skin, UMMZ 147,835, [India,] Manipur, Karong; obtained 25 December 1950 (“XII.25.50”) by W[alter] Koelz.

Yuhina occipitalis atrovinacea Koelz, Contrib. Inst. Regional Expl., 1, p. 8, 24 September 1954.

Now *Yuhina bakeri* Rothschild. See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 422.

HOLOTYPE.—Female, skin, UMMZ 147,834, [India, Assam, N] Cachar, Laikul; obtained 6 May 1951 (“V.6.51”) by W[alter] Koelz.

SUBFAMILY PANURINAE

Psittiparus gularis schoeniparus Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Paradoxornis gularis transfluvialis* (Hartert). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 441.

HOLOTYPE.—Male, skin, UMMZ 147,810, [India,] Manipur, Karong; obtained 23 October 1950 ("X.23.50") by RupChand.

Psittiparus ruficeps psithyrus Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Paradoxornis ruficeps bakeri* (Hartert). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 440.

HOLOTYPE.—Male, skin, UMMZ 147,808, [India, Assam,] Lushai Hills, Sangau; obtained 11 February 1953 ("II.11.53") by W[alter] Koelz.

Psittiparus ruficeps rufitinctus Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Paradoxornis ruficeps bakeri* (Hartert). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 440.

HOLOTYPE.—Skin, UMMZ 147,809, [India, Assam,] Khasi Hills, "Cherapunjee" [= Cherrapunji]; obtained 14 December 1953 ("XII.14.53") by RupChand.

Suthora poliotis patriciae Koelz, Contrib. Inst. Regional Expl., 1, p. 2, 24 September 1954.

Now *Paradoxornis nipalensis patriciae* (Koelz). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 438.

HOLOTYPE.—Male, skin, UMMZ 147,807, [India, Assam,] Lushai Hills, Blue M[oun]t[ain]; obtained 2 April 1953 ("IV.2.53") by W[alter] Koelz.

Suthora ruficeps rufina Koelz, J. Zool. Soc. India, 4(1), p. 37, June 1952.

Now *Paradoxornis atrosuperciliaris atrosuperciliaris* (Godwin-Austen). See Deignan, 1964, Check-list of Birds of the World, 10, Mus. Comp. Zool., Harvard Univ., p. 440.

HOLOTYPE.—Male, skin, UMMZ 147,882, [India, Assam, N] Cachar, Laikul; obtained 3 May 1951 ("V.3.51") by W[alter] Koelz.

FAMILY MOTACILLIDAE

Motacilla alba albula Koelz, Contrib. Inst. Regional Expl., 1, p. 20, 24 September 1954.

Now *Motacilla alba alboides* Hodgson. See Vaurie, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 140.

HOLOTYPE.—Female, skin, UMMZ 147,877, [India, Assam,] "Khasia" [= Khasi] Hills, Bara Pani; obtained 27 May 1949 ("V.27.49") by W[alter] Koelz.

Oreocorys sylvanus oreinus Koelz, Contrib. Inst. Regional Expl., 1, p. 21, 24 September 1954.

Now *Anthus sylvanus* (Blyth). See Vaurie, 1960, Check-list of Birds of the World, 9, Mus. Comp. Zool., Harvard Univ., p. 162.

HOLOTYPE.—Male, skin, UMMZ 147,879, [India,] E Punjab, Kangra District, Kotla; obtained 1 January 1948 ("I.1.48") by W[alter] Koelz.

FAMILY STURNIDAE

Sturnia malabarica assamica Koelz, Contrib. Inst. Regional Expl., 1, p. 19, 24 September 1954.

Now *Sturnus malabaricus assamicus* (Koelz). See Amadon, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 105.

HOLOTYPE.—Male, skin, UMMZ 147,872, [India, Nagaland,] Naga Hills, "Nichughar" [= Nichugard]; obtained 21 January 1951 ("I.21.51") by Rupchand.

FAMILY NECTARINIIDAE

Aethopyga gouldiae trochiloidea Koelz, Contrib. Inst. Regional Expl., 1, p. 21, 24 September 1954.

Now *Aethopyga gouldiae isolata* Baker. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 274.

HOLOTYPE.—Female, skin, UMMZ 147,880, [India, Assam,] Lushai Hills, Blue Mountain; obtained 10 April 1953 ("IV.10.53") by W[alter] Koelz.

Aethopyga magnifica Sharpe, Nature, 14, p. 297, 3 August, 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 342, November 1877 for a fuller description.)

Now *Aethopyga siparaja magnifica* Sharpe. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 281.

HOLOTYPE.—Male, skin, UMMZ B254c, Philippines, Negros; obtained by Beal-Steere Expedition, original no. 4677.

PARATYPE.—Male, skin, UMMZ B254b, Philippines, Negros; obtained by Joseph B. Steere, original no. 8914.

Aethopyga nipalensis ripleyi Koelz, J. Zool. Soc. India, 4(1), p. 43, June, 1952.

Now *Aethopyga nipalensis koelzi* Ripley. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 275.

HOLOTYPE.—Female, skin, UMMZ 147,911, [India, Assam,] Khasi Hills, Mawrynkneng; obtained 12 December 1951 ("XII.12.51") by W[alter] Koelz.

Aethopyga pulcherrima Sharpe, Nature, 14, p. 297, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 341–342, November 1877 for a fuller description.)

Now *Aethopyga pulcherrima pulcherrima* Sharpe. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 272.

HOLOTYPE.—Male, skin, UMMZ B256a, Philippines, Basilan; obtained by Beal-Steere Expedition, original no. 6678.

REMARKS.—“Eyes carmine.”

Aethopyga Shelleyi Sharpe, Nature, 14, p. 297, 3 August, 1876.

Now *Aethopyga shelleyi shelleyi* Sharpe. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 273.

LECTOTYPE.—Male, skin, UMMZ B257a, Philippines, [Palawan, Puerto Princesa]; obtained [July 1874] by J[oseph] B. Steere, original no. 8915.

REMARKS.—In the original description, the only locality given was “Palawan.” In the fuller description (Trans. Linn. Soc. London, Ser. 2, 1, p. 342, 1877), 5 specimens, 4 from Palawan and 1 from Balabac, are listed. No type locality is given, but the bird from Balabac (UMMZ B257b) bears a Sharpe label on which the describer had written “Type.” As the type locality from the original description must stand it is desirable to designate a lectotype from Palawan. Therefore I here so designate UMMZ B257a.

Anthreptes chlorigaster Sharpe, Trans. Linn. Soc. London, Ser. 2, 1, p. 342, November 1877.

Now *Anthreptes malacensis chlorigaster* Sharpe. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 212.

HOLOTYPE.—Male, skin, UMMZ B262a, Philippines, Negros; obtained by Beal-Steere Expedition, original no. 6717.

Arachnothera dilutior Sharpe, Nature, 14, p. 298, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 341, November 1877, for a fuller description.)

Now *Arachnothera longirostris dilutior* Sharpe. See Rand, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 284.

HOLOTYPE.—Male, skin, UMMZ B243a, Philippines, Palawan; obtained July 1874 by Beal-Steere Expedition, original no. 6452.

FAMILY DICAETIDAE

Dicaeum dorsale Sharpe, Nature, 14, p. 298, 3 August, 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 340, November 1877, for a fuller description.)

Now *Dicaeum trigonostigma dorsale* Sharpe. See Salomonsen, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 178.

HOLOTYPE.—Male, skin, UMMZ B266a, Philippines, Panay; obtained by Beal-Steere Expedition, original no. 6645.

Dicaeum haematostictum Sharpe, Nature, 14, p. 298, 3 August, 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 339, November 1877, for a fuller description.)

Now *Dicaeum australe haematostictum* Sharpe. See Salomonsen, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 182.

HOLOTYPE.—Male, skin, UMMZ B264a, Philippines, Guimaras; obtained by Beal-Steere Expedition, original no. 6635.

Dicaeum hypoleucum Sharpe, Nature, 14, p. 298, 3 August 1876. (See also Trans. Linn. Soc. London, Ser. 2, 1, p. 339, November 1877, for a fuller description.)

Now *Dicaeum hypoleucum hypoleucum* Sharpe. See Salomonsen, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 186.

HOLOTYPE.—Male, skin, UMMZ B265a, Philippines, Malamaui; obtained October 1874 by Beal-Steere Expedition, original no. 6682.

REMARKS.—“Eyes hazel.”

Dicaeum ignipectus pulchellum Koelz, Contrib. Inst. Regional Expl., 1, p. 21, 24 September 1954.

Now *Dicaeum ignipectus ignipectus* (Blyth). See Salomonsen, 1967, Check-list of Birds of the World, 12, Mus. Comp. Zool., Harvard Univ., p. 197.

HOLOTYPE.—Female, skin, UMMZ 147,881, [India, Assam,] Lushai Hills, Sangau; obtained 24 February 1953 (“II.24.53”) by W[alter] Koelz.

FAMILY VIREONIDAE

Vireo solitarius notius Van Tyne, Occ. Pap. Mus. Zool. Univ. Michigan, 256, p. 2, 10 February 1933.

Now *Vireo solitarius notius* Van Tyne. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 120.

HOLOTYPE.—Adult male, skin, UMMZ 69,972, “British Honduras” [= Belize], Cayo, 12 mi S, “Mountain Pine Ridge;” obtained 4 March 1931 by J[osselyn] Van Tyne, original no. 2389.

SUBFAMILY PARULINAE

Dendroica graciae ornata Brodkorb, Auk, 57, p. 547, 2 October 1940.

Now *Dendroica graciae remota* Griscom. See Lowery and Monroe, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 23.

HOLOTYPE.—Adult male, skin, UMMZ 103,128, [Mexico,] Chiapas, Arriaga-Cintalapa, summit, 800 m; obtained 27 May 1939 by P[ierce] Brodkorb, original no. 14,708.

Dendroica potomac Haller, Cardinal, 5(3), p. 50, January 1940.

Now *Dendroica dominica* X *Parula americana*. See Lowery and Monroe, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 14.

HOLOTYPE.—Male, skin, UMMZ 121,993, [U.S.A.,] West Virginia, Berkeley Co[unty], Martinsburg, 10 mi. S.; obtained 30 May 1939 by Karl W. Haller, original no. 803.

ALLOTYPE.—Female, skin, UMMZ 121,994, [U.S.A.,] West Virginia, Jef-

erson Co[unty], 4 mi. N. of Shepherdstown; obtained 1 June 1939 by Karl W. Haller, original no. 816.

Geothlypis trichas insperata Van Tyne, Occ. Pap. Mus. Zool. Univ. Michigan, 255, p. 3, 10 February 1933.

Now *Geothlypis trichas insperata* Van Tyne. See Lowery and Monroe, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 40.

HOLOTYPE.—Male, skin, UMMZ 66,467, [U.S.A.,] Texas, Cameron Co[unty], [Rio Grande delta below Brownsville]; obtained 11 June 1930 by H. H. Kimball, original no. K 440.

SUBFAMILY THRAUPINAE

Cyanerpes cyaneus striatipectus Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 5, 11 April 1938.

Now *Cyanerpes cyaneus carneipes* (Slater). See Storer, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 395.

HOLOTYPE.—Adult female, skin, UMMZ 94,458, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Juarez, 900 m; obtained 5 August 1937 by P[ierce] Brodkorb, original no. 13,551.

Tanagra affinis esperanzae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 5, 11 April 1938.

Now *Euphonia affinis affinis* (Lesson). See Storer, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 341.

HOLOTYPE.—Adult male, skin, UMMZ 94,526, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Esperanza; obtained 27 July 1937 by P[ierce] Brodkorb, original no. 13,500.

Thraupis bonariensis schulzei Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 367, p. 3, 5 April 1938.

Now *Thraupis bonariensis schulzei* Brodkorb. See Storer, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 326.

HOLOTYPE.—Male, skin, UMMZ 93,017, Paraguay, P[uer]to Casado, 265 k[ilometers] W; obtained 2 October 1936 by A[lb]erto Schulze, original no. 2240.

SUBFAMILY CARDINALINAE

Saltator atriceps peeti Brodkorb, Auk, 57, p. 548, 2 October 1940.

Now *Saltator atriceps peeti* Brodkorb. See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 228.

HOLOTYPE.—Adult male, skin, UMMZ 103,510, [Mexico,] Chiapas, Piji-japan; obtained 29 April 1939 by [Pierce] Brodkorb and A[rthur] E. Staebler, original no. 14,408.

SUBFAMILY EMBERIZINAE

Aimophila rufescens cinerea Brodkorb, Auk, 57, p. 549, 2 October 1940.

Now *Aimophila rufescens rufescens* (Swainson). See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 101.

HOLOTYPE.—Adult male, skin, UMMZ 103,560, [Mexico,] Chiapas, Cerro La Gineta; obtained 28 May 1939 by P[ierce] Brodkorb, original no. 14,730.

REMARKS.—This specimen is also the holotype of *Aimophila rufescens brodkorbi* Phillips, Bull. Brit. Ornithol. Club, 86, p. 157, November 1966. (If *Amphispiza* is merged with *Aimophila*, as Phillips proposes, *Aimophila rufescens cinerea* Brodkorb is preoccupied by *Aimophila belli cinerea* [Townsend], Proc. U. S. Natl. Mus., 13, p. 136, 1890.)

Coryphospingus cucullatus fargoi Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 367, p. 4, 5 April 1938.

Now *Coryphospingus cucullatus fargoi* Brodkorb. See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 212.

HOLOTYPE.—Male, skin, UMMZ 92,912, Paraguay, P[uer]to Casado, 265 kil[ometers] west; obtained 12 Octob[er] 1936 by A[lberto] Schulze, original no. 2368.

Melozone biarcuatum hartwegi Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 6, 11 April 1938.

Now *Melozone biarcuatum hartwegi* Brodkorb. See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 181.

HOLOTYPE.—Adult male, skin, UMMZ 94,610, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Esperanza; obtained 4 July 1937 by P[ierce] Brodkorb, original no. 13,274.

Melozone occipitalis grandis Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 369, p. 7, 11 April 1938.

Now *Melozone leucotis occipitalis* (Salvin). See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 181.

HOLOTYPE.—Adult male, skin, UMMZ 94,605, [Mexico,] Chiapas, Dist[ri]ct of Soconusco, Finca Juarez; obtained 5 August 1937 by P[ierce] Brodkorb, original no. 13,552.

Oryzoborus atrirostris Sclater and Salvin, Proc. Zool. Soc. London, 1878, p. 136, 5 February 1878.

Now *Oryzoborus crassirostris atrirostris* Sclater and Salvin. See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 149.

HOLOTYPE.—[Male,] skin, UMMZ B518a, Peru, Moyobamba; obtained by Beal-Steere Expedition, original no. 1656.

Paroaria cristata schulzei Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 345, p. 2, 5 January 1937.

Now *Paroaria coronata* (Miller). See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 213.

HOLOTYPE.—Male, skin, UMMZ 90,398, Paraguay, P[uer]to Casado, 265 ki[lometers] W; obtained 10 Febr[uary] 1936 by A[lberto] Schulze, original no. 1655.

Pipilo maculatus gaigei Van Tyne and Sutton, Misc. Publ. Mus. Zool. Univ. Michigan, 37, p. 102, 24 August 1937.

Now *Pipilo erythrophthalmus gaigei* Van Tyne and Sutton. See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 172.

HOLOTYPE.—Adult male, skin, UMMZ 86,309, [U.S.A.] Texas, [Brewster County,] Chisos M[oun]t[ain]s, S.E. of Boot Spring, 6800 ft; obtained 22 May 1932 by J[osselyn] Van Tyne, original no. 2871.

Thryospiza maritima waynei Oberholser, Proc. Biol. Soc. Washington, 44, p. 125, 17 October 1931.

Now *Ammodramus maritimus macgillivraii* (Audubon). See Paynter, 1970, Check-list of Birds of the World, 13, Mus. Comp. Zool., Harvard Univ., p. 74.

HOLOTYPE.—Male, skin, UMMZ 122,038, [U.S.A.] Georgia, Chatham Co[unty]; obtained 1 June 1907 ("6/1/07") by G[ilbert] R. Rossignol, Jr.

SUBFAMILY ICTERINAE

Agelaius phoeniceus matudae Brodkorb, Auk, 57, p. 548, 2 October 1940.

Now *Agelaius phoeniceus richmondi* Nelson. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 172.

HOLOTYPE.—Female, skin, UMMZ 104,607, Mexico, Campeche, Palisada; obtained 26 July 1939 by E[steban] Cruz, original no. 1025.

Agelaius phoeniceus pallidulus Van Tyne and Trautman, Occ. Pap. Mus. Zool. Univ. Michigan, 496, p. 1, 18 April 1946.

Now *Agelaius phoeniceus richmondi* Nelson. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 172.

HOLOTYPE.—Female, skin, UMMZ 108,415, [Mexico,] Yucatán, Progreso, 3 km S; obtained 17 March 1940 by Angel Chang.

Icterus croconotus paraguayae Brodkorb, Occ. Pap. Mus. Zool. Univ. Michigan, 345, p. 1, 5 January 1937.

Now *Icterus icterus strictifrons* Todd. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 160.

HOLOTYPE.—Female, skin, UMMZ 90,400, Paraguay, P[uer]to Casado, 265 kilom[eters] West; obtained 19 Jan[uary] 1936 by A[lberto] Schulze, original number 1570.

Quiscalus quiscula ridgwayi Oberholser, Auk, 36, p. 552, 31 October 1919.

Now *Quiscalus quiscula versicolor* Vieillot X *Q. q. stonei* Chapman. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 191.

HOLOTYPE.—Male, skin, UMMZ 122,034, [U.S.A.,] Washington, D. C.; obtained 30 March 1912 by H[artley] H. T. Jackson.

Sturnella magna griscomi Van Tyne and Trautman, Occ. Pap. Mus. Zool. Univ. Michigan, 439, p. 7, 1 July 1941.

Now *Sturnella magna griscomi* Van Tyne and Trautman. See Blake, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 179.

HOLOTYPE.—Male, skin, UMMZ 108,151, [Mexico,] Yucatán, Progreso; obtained 5 March 1940 by Angel Chang.

SUBFAMILY CARDUELINAE

Loxia curvirostra benti Griscom, Proc. Boston Soc. Natur. Hist., 41(5), p. 129, January 1937.

Now *Loxia curvirostra benti* Griscom. See Howell, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 291.

HOLOTYPE.—Male, skin, UMMZ 68,343, [U.S.A.,] North Dakota, Grafton; obtained 8 October 1931 by H[enry] V. Williams, original no. 2947.

ALLOTYPE.—Female, skin, UMMZ 68,334, [U.S.A.,] North Dakota, Grafton; obtained 2 October 1931 by H[enry] V. Williams, original no. 2921. From the series of allotypes, Griscom singled out this specimen as the "reference" female.

Mycerobas melanozanthus* [sic] *ossifragus Koelz, Contrib. Inst. Regional Expl., 1, p. 19, 24 September 1954.

Now *Coccothraustes melanozanthos* Hodgson. See Paynter, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 303.

HOLOTYPE.—Female, skin, UMMZ 147,874, [India, Nagaland,] Naga Hills, Kohima; obtained 10 July 1950 ("VII.10.50") by W[alter] Koelz.

REMARKS.—*melanozanthus* is clearly a *lapsus calami* for *melanozanthos* here and under *M. m. pangpui* (below).

Mycerobas melanozanthus* [sic] *pangpui Koelz, Contrib. Inst. Regional Expl., 1, p. 20, 24 September 1954.

Now *Coccothraustes melanozanthos* Hodgson. See Paynter, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 303.

HOLOTYPE.—Female, skin, UMMZ 147,875, [India, Assam,] Lushai Hills, Sangau; obtained 21 February 1953 ("II.21.53") by W[alter] Koelz.

SUBFAMILY PLOCEINAE

Ploceus philippinus sardarpateli Koelz, J. Zool. Soc. India, 4(1), p. 43, June 1952.

Now *Ploceus philippinus philippinus* Linnaeus. See Greenway, 1962, Check-list of Birds of the World, 15, Mus. Comp. Zool., Harvard Univ., p. 53.

HOLOTYPE.—[Female,] skin, UMMZ 147,909, [India, East Saurashtra, Kathiawar,] Gohilwad District, Ratanpur; obtained "1950, prob IX" by Dharma Kumarsinhji.

SUBFAMILY ESTRILDINAE

Lonchura punctulata catervaria Koelz, Contrib. Inst. Regional Expl., 1, p. 19, 24 September 1954.

Now *Lonchura punctulata subundulata* Godwin-Austen. See Paynter, 1968, Check-list of Birds of the World, 14, Mus. Comp. Zool., Harvard Univ., p. 375.

HOLOTYPE.—Female, skin, UMMZ 147,873, [India, Assam,] Khasi Hills, Mawphlang; obtained 3 July 1953 ("VII.3.53") by W[alter] Koelz.

SUBFAMILY VIDUINAE

Vidua chalybeata okavangoensis Payne, Ornithol. Monogr. 11, p. 234, 31 January 1973.

Now *Vidua chalybeata centralis* (Neunzig). See Payne, Misc. Publ. Mus. Zool. Univ. Michigan, 162, p. 14, 26 May 1982.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 217,254, Botswana, Maun, 19°59'S, 23°23'E; obtained 14 April 1967 by R[obert] B. Payne, original number 4583.

Vidua funerea lusituensis Payne, Ornithol. Monogr. 11, p. 247, 31 January 1973.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 217,255, "Rhodesia" [=Zimbabwe,] Melsetter dist[ri]ct, Lusitu River, 1200', 20°01'S, 32°59'E; obtained 8 April 1967 by R[obert] B. Payne, original number 4571.

Vidua funerea maryae Payne, Misc. Publ. Mus. Zool. Univ. Michigan, 162, p. 42, 26 May 1982.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 216,982, Nigeria, Panshanu Pass, 30 mi. E. of Jos, 10°07'N, 9°13'E; obtained 30 August 1968 by R[obert] B. Payne, original no. 4946.

Vidua funerea sorora Payne, Misc. Publ. Mus. Zool. Univ. Michigan, 162, p. 44, 26 May 1982.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 203,995, Cameroon, Banyo, 6°45'N, 11°50'E; obtained 6 November 1980 by R[obert] B. Payne, original no. 6494.

Vidua larvaticola Payne, Misc. Publ. Mus. Zool. Univ. Michigan, 162, p. 33, 26 May 1982.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 216,994, Nigeria, 5 mi. NW of Zaria, 11°10'N, 7°41'E; obtained 6 August 1968 by R[obert] B. Payne, original no. 4855.

Vidua raricola Payne, Misc. Publ. Mus. Zool. Univ. Michigan, 162, p. 16, 26 May 1982.

HOLOTYPE.—Adult male in nuptial plumage, skin, UMMZ 204,008, Cameroon, Banyo, 6°45'N, 11°50'E; obtained 6 November 1980 by R[obert] B. Payne, original no. 6495.

Accepted for publication October 14, 1987

ACKNOWLEDGMENTS

Among the many people who have helped in the preparation of this list, I am particularly grateful to S. M. Goodman, K. C. Parkes, R. B. Payne, R. V. Remsen, Jr., and an anonymous reviewer who read the manuscript and offered many helpful suggestions. Dr. Parkes' assistance in sorting out the early Philippine material was especially valuable. D. W. Snow (BM), J. W. Fitzpatrick (FMNH), W. E. Lanyon (AMNH), and R. A. Paynter, Jr. (MCZ) kindly provided information on material in the collections under their care, and E. C. Dickinson gave access to unpublished information. Janet Hinshaw spent many hours checking the manuscript and entering it on the computer and word-processor. Christopher Risley checked the manuscript with data on the specimen labels, and Susan Morseau entered numerous corrections and emendations on the word-processor.

APPENDIX 1

"TYPE" NESTS AND EGGS IN THE UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY

The first-described nests and eggs of a species have been referred to as "types." According to the International Commission on Zoological Nomenclature these nests and eggs have no nomenclatural standing, but they are of considerable historical interest. The bird collections of the University of Michigan Museum of Zoology include "type" nests and eggs of three species, as follows:

Gymnopathys bicolor (Lawrence), nest and 2 eggs (UMMZ 191,924) taken on Barro Colorado, Panama Canal Zone, 15 April 1927 by Josselyn Van Tyne, original number 333. The female parent (UMMZ 58,520) was also taken. (See Van Tyne, Occ. Pap. Mus. Zool. Univ. Michigan, 491, 11 December 1944.)

Vermivora crissalis (Salvin and Godman), nest and 4 eggs (UMMZ 198,997) taken at Boot Spring, 6500 ft., Chisos M[oun]t[ain]s, Brewster County, Texas, [U.S.A.,] 17 May 1932, by Josselyn Van Tyne. The female parent (UMMZ 65,382, original no. 2855) was also taken. (See Van Tyne, Misc. Publ. Mus. Zool. Univ. Michigan, 33, 7 August 1936.)

Dendroica kirtlandii (Baird), nest and 1 egg (UMMZ 31,288) and 2 nestlings (UMMZ 31,286 and 31,287) taken in Oscoda County, Michigan,

[U.S.A.,] 11 July 1903, by Norman A. Wood. (See Bull. Michigan Ornithol. Club, 5, pp. 3-13, March 1904.) The exact location of the first-collected nest of this species is believed to be "the western part of Section 31, T27N, R1E, Oscoda County" (Mayfield, The Kirtland's Warbler, Cranbrook Inst. Sci. Bull. 40, p. 7, 1960.).

APPENDIX 2

LOCATION OF OTHER TYPES DESCRIBED IN PAPERS IN WHICH TYPE SPECIMENS IN THE UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY ARE DESCRIBED

Describers of new forms normally specify the catalogue number and the collection in which the type is deposited. The failure of some describers in the past to do this has resulted in confusion regarding the whereabouts and identity of their type specimens. This is particularly true of papers in which types from more than one collection are designated.

Following are listed papers in which such problems have arisen. Information on the location of types not in the UMMZ, where possible, catalogue numbers of these types, and the reasons used in considering certain specimens to be the types are given.

Koelz, Walter. 1939. New birds from Asia, chiefly from India. Proc. Biol. Soc. Washington, 52, pp. 61-82. Of the 63 new subspecies described in this paper, the places of deposition of only a few types are mentioned. These include the only five that were deposited in the UMMZ. The labels of all five bear the notation "Type" in Koelz's handwriting. I have been unable to locate the types of *Oenanthe isabellina kargasi*, *Muscicapa strophhiata euphonia*, *Tephrodornis pondiceriana warei*, and *Motacilla maderaspatensis kangrae*. Of the remainder, 34 are in the FMNH and 20 in the AMNH.

Koelz, Walter. 1951. New birds from India. J. Zool. Soc. India, 3(1), pp. 27-30. Of the types of the 7 new subspecies described in this paper, the first (that of *Macronus gularis mayri*) was deposited in the AMNH. The place of deposition of the remaining 6 is not mentioned in the paper. All are in the UMMZ, and all have the notation "Type" in Koelz's handwriting on the label.

Koelz, Walter N. 1952. New races of Indian birds. J. Zool. Soc. India, 4(1), pp. 37-46. The types of all 37 new subspecies described in this paper are in the UMMZ. All but one have the notation "Type" in Koelz's handwriting on the label. The exception is that of *Surya [sic] crinigera nebulosa*, on the label of which "Type" is written in Josselyn Van Tyne's handwriting.

Koelz, Walter N. 1952 [= April 1953]. New races of Assam birds. J. Zool. Soc. India, 4(2), pp. 153-155. Of the 8 new subspecies described in this paper, the types of *Dryonastes caerulatus biswasi*, *Mesia argentauris aureigularis*, and *Arborophila atrogularis rupchandi* are in the UMMZ. The first bears the notation "Type according to Koelz, 9 Oct. '59, R[obert] W. S[torer]" on

the label. The other two have the word "Type" in Koelz's hand on the label. I have been unable to locate the remaining 5 types.

Koelz, Walter N. 1954. New birds from Iran, Afghanistan, and India. *Contrib. Inst. Regional Expl.*, 1, pp. 1–32. Of the 122 forms described in this paper, the museum and catalogue numbers of only 3 specimens are given. Of the remaining 119, all but the following were deposited in the UMMZ:

- Molpastes leucogenys picru* AMNH 465,709
- Saxicola torquata excubitor* FMNH 246,513
- Scotocerca inquietus elaphrus* FMNH 240,352
- Prinia gracilis kirmanensis* FMNH 246,515
- Emberiza striolata tescicola* FMNH 245,496
- Columba palumbus kirmanica* FMNH (Conover Coll.) 22,280
- Alectoris graeca farsiana* FMNH (Conover Coll.) 22,277
- Francolinus francolinus festinus* AMNH 465,012
- Rallus aquaticus arjanicus* FMNH (Conover Coll.) 22,278

With the following exceptions, all the types of forms described in this paper in the UMMZ bear the notation "Type" in Koelz's handwriting. *Pteruthius aenobarbus aenobarbulus* and *Luscinia daulias*—the types were the only specimens attributed to the forms by Koelz. *Argya longirostris arcana*—the type bears the notation "Type picked out Feb. 18, 1953, J[osselyn] V[an Tyne]." *Neornis flavolivaceus circumspectus*, *Gallus gallus gallina*, and *Francolinus pondicerianus paganus*—the types were the only UMMZ specimens with data corresponding to those given in the descriptions. *Homochlamys fortipes mizorum*—the notation "Type" on the label is crossed out, but this is the only specimen in the UMMZ with the data for the type given in the description. *Apus melba nubifuga*—"Type? J[osselyn] V[an Tyne]" is written on the label, and this is the only specimen from the type locality listed in the description.

Although his name appears nowhere on it, the serial, Contributions from the Institute for Regional Exploration, was established, published, and presumably edited by Professor Harley H. Bartlett of the University of Michigan Department of Botany. Number 1, the only issue published, contains three articles, all by Walter N. Koelz: I. New birds from Iran, Afghanistan, and India, pp. 1–32; II. A new subspecies of Red-bellied Woodpecker from Texas, p. 32; and III. On the validity of *Galerida malabarica propinqua* Koelz, p. 33. It was printed by Edwards Brothers, Inc. of Ann Arbor, Michigan, and dated September 1954. A few copies are available from the Bird Division, Museum of Zoology, The University of Michigan, Ann Arbor, MI 48109, U.S.A.

Moseley, Edwin L. 1891. Descriptions of two new species of flycatchers from the island of Negros, Philippines. *Ibis*, Ser. 6, 3, pp. 46–47. The cotype of *Abrornis olivacea* from Samar is in the UMMZ. The other cotype and the holotype of *Cryptolopha nigrorum* are in the British Museum (Natural History) *vide* K.C. Parkes, although they are not listed by Warren and Harrison, 1971, Type-specimens of birds in the British Museum (Natural History) 2. Passerines.

Slater, P[hilip] L. and Osbert Salvin. 1878. On the collection of birds made by Prof. Steere in South America. Proc. Zool. Soc. London, 1878, pp. 135–142, pls. XI–XIII. With the exception of *Crypturus transfasciatus*, all forms were described from single specimens.

The type of *C. transfasciatus* bears three labels with "Type" written on each in a different hand. The second specimen (UMMZ 2731) mentioned in the description has apparently been lost. The holotypes of all five species described in this paper are in the UMMZ.

Sharpe, R. Bowdler. 1876. Prof. Steere's expedition to the Philippines. Nature, 14, pp. 297–298. Although the 10 descriptions of new birds in this brief notice were not intended as formal descriptions and were subsequently more fully described, (Sharpe, 1877, Trans. Linn. Soc. London, Ser. 2, 1(6), pp. 307–355), they stand as the original descriptions. In this paper, the type localities are given as "Hab[itat]," but no specific specimens are mentioned. Type specimens were evidently selected by Sharpe, for a small label printed with Sharpe's name, and with the name of the form and "Type" in Sharpe's hand, is attached to one specimen of each. This was probably done after his 1876 paper was prepared, because the bird Sharpe designated as the type of *Aethopyga shelleyi* is from Balabac, whereas the type locality for that species is given as "Hab. Palawan" in the original description. All ten types are in the UMMZ.

Sharpe, R. Bowdler. 1877. On the birds collected by Professor J. B. Steere in the Philippine Archipelago. Trans. Linn. Soc. London, Ser. 2, 1(6), pp. 307–355, pls. XLVI–LIV. The types of all species described as new in this paper, except that of *Dryococcyx Harringtoni*, are in the UMMZ. All but two of these bear Sharpe's type designation on his labels. The remaining two, those of *Xantholestes panayensis* and *Ptilocichla falcata*, are considered holotypes because only one specimen is mentioned in the original description and the data on these specimens agree with those in the descriptions.

Steere, J[oseph] B. 1890. A list of the birds and mammals collected by the Steere Expedition to the Philippines, with localities, and with brief preliminary descriptions of supposed new species. The Currier Office, Printers, Ann Arbor, Michigan, July 14, 1890. This paper lists 367 species of birds collected by the Expedition, of which 53 are described as new. These descriptions were published again in *The Ibis*, Ser. 6, 3, pp. 301–316, 1891. Type material of all but a few of these new forms is in the British Museum (Natural History). See Warren, 1966 and Warren and Harrison 1971, *Type-specimens of birds in the British Museum (Natural History)*, vols. 1 and 2, respectively. Of the remainder, the type of *Actenoides Moseleyi* is in the UMMZ on permanent loan from Bowling Green University, Bowling Green, Ohio; I have been unable to locate the types of *Ceyx Malamaui*, *Ptilocichla Mindanensis*, *Philemon Philippinensis*, and *Sarcophanops Samarensis*.

INDEX

NEW SPECIFIC AND SUBSPECIFIC NAMES REPRESENTED BY TYPE MATERIAL
IN THE UMMZ, LISTED WITH THE GENERA UNDER WHICH THEY WERE
DESCRIBED

- acaciarum*, *Thryothorus*, 35
aenobarbulus, *Pteruthius*, 49
afer, *Molpastes*, 34
ahomensis, *Gampsorhynchus*, 46
albatus, *Taraba*, 25
albertaensis, *Larus*, 11
albilineatus, *Lioparus*, 47
albiventris, *Philentoma*, 42
alboniger, *Otus*, 14
albula, *Motacilla*, 53
amabilis, *Malacocincla*, 48
amabilis, *Parus*, 30
amadoni, *Rimator*, 50
angamea, *Larvivora*, 43
araneipes, *Rhea*, 4
arcana, *Argya*, 45
ardeleo, *Ramphocaenus*, 39
ardosiaca, *Leioptila*, 47
aristus, *Gecinulus*, 22
arquatellus, *Xiphorhamphus*, 52
assamica, *Sturnia*, 54
assamicus, *Cuculus*, 12
assamicus, *Macronus*, 47
atrirostris, *Oryzoborus*, 58
atrovinacea, *Yuhina*, 52
aureigularis, *Mesia*, 48
aureolus, *Criniger*, 33
aureus, *Pericrocotus*, 31
australis, *Sitta*, 31
azarae, *Milvago*, 6
azureitinctus, *Garrulus*, 30
bambusicola, *Abroscopus*, 36
bartletti, *Delichon*, 28
bartletti, *Nyctornis*, 18
basilanica, *Dendrobiastes*, 40
Basilanicus, *Poliolophus*, 35
benti, *Loxia*, 60
biswasi, *Dryonastes*, 46
bromia, *Cyanocitta*, 29
caboti, *Colinus*, 7
campicola, *Nandayus*, 12
canescens, *Colaptes*, 21
canescens, *Leucocirca*, 41
catervaria, *Lonchura*, 61
caurinus, *Melanerpes*, 22
certus, *Schoeniparus*, 50
chacoensis, *Asthenes*, 25
chacoensis, *Turdus*, 44
chiapensis, *Aulacorhynchus*, 19
chiapensis, *Hylomanes*, 17
chiapensis, *Troglodytes*, 35
chloreus, *Chloropsis*, 33
chlorigaster, *Anthreptes*, 55
chrysocoma, *Stachyris*, 51
cinerea, *Aimophila*, 58
cinereiceps, *Iole*, 34
cinereiceps, *Orthotomus*, 37
cinnamomeus, *Zeocephus*, 42
circumspectus, *Neornis*, 37
citata, *Petrochelidon*, 28
cleta, *Cyornis*, 40
coelicolor, *Cyornis*, 40
conjunctus, *Capito*, 18
cookei, *Sitta*, 30
crepitans, *Thamnophilus*, 25
crocina, *Stachyris*, 51
cruentipectus, *Dendrocopos*, 21
cyanescens, *Zeocephus*, 42
daulias, *Luscinia*, 43
dawae, *Picus*, 23
diatropus, *Dendrocopos*, 21
dilutior, *Arachnothera*, 55
dolichonyx, *Dactylortyx*, 8
dorsale, *Dicaeum*, 55
dorsalis, *Jacana*, 10
dysleptus, *Parus*, 30
eisenmanni, *Tachybaptus*, 5
erythrocephalus, *Chrysocolaptes*, 21
erythrotis, *Pomatorhinus*, 48
esperanzae, *Pteroglossus*, 19

- esperanzae*, *Tanagra*, 57
euterpe, *Myophonus*, 43
eximia, *Lalage*, 31
exquisitus, *Cyornis*, 40
extimus, *Dendrocolaptes*, 24
extimus, *Phylloscopus*, 38
falcata, *Ptilocichla*, 50
fargoi, *Coryphospingus*, 58
fargoi, *Phacellodomus*, 25
fatidicus, *Cuculus*, 12
ferruginea, *Sasia*, 23
formosus, *Pomatorhinus*, 49
fragosa, *Psittacula*, 12
frater, *Criniger*, 34
freta, *Tephrodornis*, 32
fretensis, *Belonopterus*, 10
frontalis, *Orthotomus*, 37
fuertesi, *Buteo*, 6
fugans, *Xanthixus*, 35
gagei, *Pipilo*, 59
galbanatus, *Garrulax*, 46
galbinus, *Pericrocotus*, 32
gallina, *Gallus*, 9
garoense, *Glaucidium*, 13
garoensis, *Pseudominla*, 49
geokichla, *Brachypteryx*, 42
gigantiusculus, *Dendrocopos*, 22
girensis, *Brachypternus*, 20
glauconotus, *Pteruthius*, 49
grandis, *Melozone*, 58
gratior, *Garrulax*, 46
griscomi, *Sturnella*, 60
Guimarasensis, *Iole*, 34
haematostictum, *Dicaeum*, 55
haemorrhous, *Hypopicus*, 22
harpaceus, *Centurus*, 20
hartwegi, *Melozone*, 58
hellmayri, *Empidonax*, 26
henoticus, *Hypopicus*, 22
humei, *Dendrocopos*, 22
hypoleucum, *Dicaeum*, 56
insperata, *Geothlypis*, 57
khasiana, *Streptopelia*, 11
khasica, *Hirundo*, 28
khasiensis, *Alcippe*, 45
khasiensis, *Otus*, 14
khasium, *Trochalopteron*, 51
khosrovi, *Alseonax*, 39
ladas, *Pterocles*, 11
lankae, *Lobivanellus*, 10
larvaticola, *Vidua*, 61
latebricola, *Orthotomus*, 37
littoralis, *Chordeiles*, 15
lushaiensis, *Coracina*, 31
lushaiensis, *Sitta*, 31
lusituensis, *Vidua*, 61
luteola, *Liothrix*, 47
macintyreii, *Capito*, 18
maculiceps, *Chrysocolaptes*, 21
magnifica, *Aethopyga*, 54
major, *Tapera*, 13
manis, *Homochlamys*, 36
maryae, *Vidua*, 61
matudae, *Agelaius*, 59
matudae, *Lepidocolaptes*, 24
matudae, *Odontophorus*, 9
melanochlamys, *Irena*, 33
melanops, *Pteruthius*, 50
memnon, *Caprimulgus*, 15
menagei, *Chibia*, 29
meridionalis, *Streptopelia*, 12
mexicana, *Chloroceryle*, 17
Mindanensis, *Macronus*, 47
mira, *Eudromia*, 5
mizorum, *Homochlamys*, 36
montivaga, *Actinodura*, 44
Moseleyi, *Actenoides*, 17
munda, *Saxicoloides*, 44
muroides, *Horeites*, 37
nagaensis, *Chrysomma*, 45
nagaensis, *Cutia*, 46
nagaensis, *Seicercus*, 38
naphaea, *Napothera*, 48
nebulosa, *Surya* (= *Suya*), 38
nelsoni, *Colinus*, 8
nemoralis, *Seicercus*, 38
nigra, *Cittocinclia*, 43
nigrorum, *Phabotreron*, 11
nobilis, *Rhea*, 4
nocrecus, *Pteruthius*, 49
noctuvigilus, *Caprimulgus*, 15
notius, *Vireo*, 56

- nubicola*, *Chaetura*, 16
nubifuga, *Apus*, 16
oaxacae, *Thryothorus*, 35
obrieni, *Strix*, 14
ocularis, *Rhynomyas*, 41
ochrops, *Stachyris*, 51
oenochlamys, *Dendrophila*, 30
okavangoensis, *Vidua*, 61
olivacea, *Abrornis*, 36
oreinus, *Oreocorys*, 54
oribata, *Babax*, 45
ornata, *Dendroica*, 56
ossifragus, *Mycerobas*, 60
ovandensis, *Catharus*, 42
ovandensis, *Oreopyra*, 16
pacifica, *Elaenia*, 26
pacifica, *Oncostoma*, 26
paganus, *Francolinus*, 8
palawanensis, *Phyllornis*, 33
pallens, *Glaucidium*, 13
pallidulus, *Agelaius*, 59
palliolutus, *Brachypternus*, 20
panayensis, *Eumyias*, 40
Panayensis, *Orthotomus*, 37
panayensis, *Xantholestes*, 41
pangpui, *Mycerobas*, 60
pangpui, *Niltava*, 41
papilio, *Phylloscopus*, 38
paraguayae, *Icterus*, 59
parkeriae, *Francolinus*, 8
parvus, *Trichopicus*, 23
patriciae, *Suthora*, 53
peeti, *Botaurus*, 6
peeti, *Saltator*, 57
perates, *Phoenicurus*, 43
percautus, *Tinamus*, 5
pergriseus, *Tockus*, 18
pernix, *Phylloscopus*, 38
persiccus, *Colinus*, 7
persola, *Pitta*, 27
peteni, *Otus*, 14
petersi, *Buteo*, 6
philippinensis, *Cyornis*, 39
pileatus, *Furnarius*, 25
pileatus, *Hemipus*, 31
porphyreus, *Blythipicus*, 19
potomac, *Dendroica*, 56
prepositus, *Francolinus*, 8
propinquus, *Brachyurus*, 27
psithyrus, *Psittiparus*, 53
pulchellum, *Dicaeum*, 56
pulcherrima, *Aethopyga*, 54
pulchra, *Pitta*, 27
pygmaea, *Pnoepyga*, 48
pyrrhopipra, *Blythipicus*, 19
querulum, *Trochalopteron*, 52
rama, *Siva*, 50
raricola, *Vidua*, 62
ravida, *Stachyris*, 51
recter, *Pomatorhinus*, 49
regia, *Tesia*, 39
rhipidura, *Notodela*, 43
ridgwayi, *Quiscalus*, 59
ridibundus, *Francolinus*, 8
rincheni, *Bambusicola*, 7
ripleyi, *Aethopyga*, 54
rivularis, *Cissilopha*, 29
rostratus, *Gymnorhinus*, 30
ruficauda, *Setaria*, 41
rufigularis, *Hypsipetes*, 34
rufina, *Suthora*, 53
rufipectus, *Stachyris*, 51
rufitincta, *Ianthocinclia*, 46
rufitinctus, *Psittiparus*, 53
rupchandi, *Apus*, 16
rupchandi, *Arborophila*, 7
rupchandi, *Batrachostomus*, 15
rupchandi, *Otus*, 14
rupchandi, *Tickellia*, 39
rupchandi, *Tragopan*, 9
russata, *Hemichelidon*, 40
sanguineus, *Pericrocotus*, 32
sardarpateli, *Ploceus*, 60
saturata, *Elaenia*, 26
saturata, *Rhinocrypta*, 26
saturatum, *Glaucidium*, 13
sauli, *Rhipidura*, 42
saurashtrensis, *Chrysomma*, 45
schoeniparus, *Psittiparus*, 53
schulzei, *Paroaria*, 58
schulzei, *Thraupis*, 57
semirufus, *Myiarchus*, 26

- septentrionalis*, *Aegithina*, 32
Shelleyi, *Aethopyga*, 55
silvanus, *Caprimulgus*, 15
soconuscensis, *Crypturellus*, 5
sonivia, *Argya*, 45
sorora, *Vidua*, 61
staebleri, *Sterna*, 11
Steerii, *Brachyurus*, 27
steerii, *Capito*, 19
Steerii, *Eurylaemus*, 23
steerii, *Liocichla*, 47
steerii, *Oriolus*, 29
stewarti, *Otus*, 14
stresemanni, *Neornis*, 37
striaticeps, *Macronus*, 47
striatipectus, *Cyanerpes*, 57
stuarti, *Stelgidopteryx*, 28
subbicolor, *Turdus*, 44
subsquamatum, *Trochalopteron*, 52
sulfurea, *Aegithina*, 32
sumichrasti, *Trogon*, 16
superciliaris, *Hypothymis*, 41
swenki, *Otus*, 13
tenebrarum, *Arborophila*, 7
tenebricola, *Zoothera*, 44
tenebrosa, *Zoothera*, 44
terpsinus, *Phylloscopus*, 38
thalia, *Siva*, 50
titania, *Yuhina*, 52
titar, *Francolinus*, 8
toxostomina, *Stactocichla*, 51
transfasciatus, *Crypturus*, 5
trochiloidea, *Aethopyga*, 54
trudiae, *Aegithina*, 33
tsipi, *Dicrurus*, 29
turensis, *Alcippe*, 45
Tweeddalii, *Irena*, 33
ultimus, *Scolopax*, 11
undina, *Cinclus*, 36
vafar, *Homochlamys*, 36
validirostris, *Pteruthius*, 50
vallicola, *Ortalis*, 7
vanrossemi, *Chloroceryle*, 17
vantynei, *Taccocua*, 13
vargus, *Ixos*, 34
vauriei, *Calandrella*, 28
vegeta, *Pnoepyga*, 48
velutinus, *Surniculus*, 12
viridulus, *Criniger*, 33
vivax, *Yuhina*, 52
vulcanius, *Heleodytes*, 35
waldeni, *Craniorrhinus*, 18
wangyeli, *Gallus*, 9
waynei, *Thryospiza*, 59
wetmorei, *Otus*, 14
Winchelli, *Halcyon*, 17
woodi, *Megalornis*, 9
Woodi, *Mixornis*, 48

