

OCCASIONAL PAPERS OF THE MUSEUM OF
ZOOLOGY

LOUISIANA STATE UNIVERSITY

BATON ROUGE, LOUISIANA

TYPE SPECIMENS OF BIRDS IN THE MUSEO DE HISTORIA
NATURAL "JAVIER PRADO," LIMA, PERUBy MANUEL A. PLENGE¹

While preparing a checklist of Peruvian birds (Plenge, MS), I became aware that some of the holotypes in the Raimondi Collection were reported to be housed in the Museo de Historia Natural "Javier Prado" (Hellmayr, 1925, 1927, 1929, 1938; Hellmayr and Conover, 1942; Zimmer, 1931, 1935, 1937, 1950, 1952). To determine which types should be present there, an additional search was made in the literature (Sztolcman and Domaniewski, 1927; Taczanowski, 1874, 1877, 1883, 1884, 1886; Warren, 1966; Warren and Harrison, 1971). A search in the Museum's collection, however, failed to produce all of the types. A similar effort was made by the late Maria Koepcke (pers. comm.) with identical results.

From 1851 to 1869 Antonio Raimondi amassed the bulk of his botanical, ethnological, geographical, mineralogical, zoological, and other collections that bear his name (Jochamowitz, 1950). The Government of Perú bought this collection in 1869 to establish the "Museo Raimondi" in the Escuela de Medicina (Colegio de la Independencia), which was not inaugurated until 1873 (Rospigliosi, 1938). At the time, by Raimondi's own count, the mammal, bird, and reptile collections consisted of 400 specimens (Malinowski *et al.*, 1891). Konstanty Jelski increased the ornithological collection from 1874 to 1878 (Balta, 1926), and Jan Sztolcman may have done the same from 1876 to 1881.

¹ Casilla 2490, Lima, 100, Perú.

Before and after the purchase of the Raimondi Collection, most of the bird specimens were kept in boxes subject to the deteriorating influence of dirt, humidity, and insects. Raimondi sent an unspecified number of specimens to Wladyslaw Taczanowski in Warsaw, and he returned 257, properly identified (Balta, 1926). It is also known that Raimondi forwarded three boxes of specimens, including birds, to the Museum of Milano, and also exchanged specimens with foreign collectors in Perú (Balta, 1926). After Raimondi's death in 1890, a special commission inventoried the collection and counted 1265 bird specimens, plus some additional ones in jars and small boxes (Malinowski *et al.*, 1891).

In 1920, through the efforts of Javier Prado, Rector of the Universidad Mayor de San Marcos, the now abandoned "Museo Raimondi" was ceded to the "Museo de Historia Natural," which was founded two years earlier on the second floor of the old house of the University (Rospigliosi, 1938). The ornithological collection then possessed 843 specimens, all in a deplorable state. The significance of the specimens was not realized and about 100 species were mounted for exhibition, the remainder being placed in boxes to be kept for their historical value (Ridoutt, 1941). The original labels may also have been removed at this time. The unmounted specimens are now presumed lost or, more likely, destroyed.

An "Exposición Raimondi" was inaugurated by government decree in 1926, to exhibit Raimondi's belongings, collections, instruments, manuscripts, maps, etc., which had been dispersed among different institutions. This exhibit included the bird collection then available and was installed in the Dirección de Minas y Petróleo del Ministerio de Fomento until 1933, when bureaucratic offices were installed in the area it had occupied. What remained of the collection was, fortunately, recovered and deposited in the Museo de Historia Natural de la Universidad Mayor de San Marcos (Jochamowitz, 1950).

The bird specimens of the Raimondi Collection are no longer extant in the form of study specimens. The types, being unique specimens, were easily identified by the late Javier Ortiz de la Puente and are now relaxed, somewhat faded, and not in good condition.

When Javier Ortiz de la Puente arrived to take charge of the birds as assistant, the museum, now called the Museo de Historia Natural "Javier Prado," had an extremely small collection of study specimens, as practically all material was mounted and the original labels removed, including 100

specimens received in exchange from the British Museum (Natural History) in 1940. From 1947 to 1952 Ortiz de la Puente rapidly increased the number of specimens with his expeditions to central and northern Perú. In 1952 he lost his life in an automobile accident. Maria Koepcke secured large collections on her expeditions to various regions of Perú, from 1950 until her untimely death in an airplane accident in 1971. There are also many specimens acquired in lots from José M. Schunke, collected mainly in the Chanchamayo Valley, at Yarinacocha, and near Pucallpa, from 1938 to 1951. A small collection, taken at Hacienda Flor, near Puerto Victoria on the Río Pachitea from 1959 to 1961 was also purchased from Peter Wyrwich. Parts of collections obtained by Peter Hocking and his collectors from 1963 to 1974, in the Departments of Huánuco, Junín, and Pasco, were bought in several lots. Friends of the Museum contributed small numbers of specimens, and since 1974, the Louisiana State University Museum of Zoology has donated specimens obtained in Perú by its different field expeditions, increasing the total collection in the Museum to approximately 5000 skins.

The following report complies with Recommendation 72D(4) of the International Code of Zoological Nomenclature. No attempt has been made to list paratypes.

Linear arrangement follows that of Meyer de Schauensee (1966).

TYPE SPECIMENS NOW IN THE MUSEUM

Of the twenty types of species and subspecies listed herein, five were described by Wladyslaw Taczanowski and the remainder by Maria Koepcke. It seems advisable to include more information than shown on the original labels and descriptions to pinpoint more precisely the type localities.

Order TINAMIFORMES

Family TINAMIDAE

Genus NOTHOPROCTA Sclater and Salvin, 1874

NOTHOPROCTA PENTLANDI [sic] NIETHAMMERI Koepcke
Bonn. Zool. Beitr., 19:231, 1968.

= *Nothoprocta pentlandii niethammeri* Koepcke

Holotype: MHN Orn. 2534. Male. Lomas de Lachay (lat. 11°24'S, long. 77°24'W), ca. 90 km north of Lima, Provincia de Chancay, Depart-

amento de Lima, Perú. 11 September 1962. Captured by José Montesa and prepared by Maria Koepcke. Original number Kp 1883 b. Koepcke (1968) remarks that this specimen was captured as a chick and raised in captivity. It was prepared as a skin when approximately one year old.

Order PASSERIFORMES

Family FURNARIIDAE

Genus GEOSITTA Swainson, 1837

GEOSITTA CUNICULARIA GEORGEI Koepcke

Beitr. Neotrop. Fauna, 4:154, 1965.

Holotype: MHN Orn. 1889. Male. Quebrada Seca above Hacienda Parcoy near Chala (lat. 15°52'S, long. 74°15'W), 600 m, Provincia de Caravelí, Departamento de Arequipa, Perú. 19 January 1960. Collected by Maria Koepcke. Original number Kp 1656 a.

Genus LEPTASTHENURA Reichenbach, 1853

LEPTASTHENURA PILEATA LATISTRIATA Koepcke

Beitr. Neotrop. Fauna, 4:158, 1965.

Holotype: MHN Orn. 1891. Female. Mazanallo near Ticrapo (lat 13°23'S, long. 75°26'W), upper Pisco Valley, 2900 m, Provincia de Castrovirreyna, Departamento de Huancavelica, Perú. 26 November 1957. Collected by Maria Koepcke. Original number Kp 1483 o.

Genus SYNALLAXIS Vieillot, 1818

SYNALLAXIS ZIMMERI Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. 18:2, 1957.
(See Mayr, 1971.)

Holotype: MHN Orn. 0584. Male. Near Colcabamba (lat. 09°36'S, long. 77°49'W), lateral gulch of the Río Casma, 2800 m, Provincia de Huaraz, Departamento de Anchash, Perú. 18 August 1956. Collected by Maria Koepcke. Original number Kp 1438 p.

Genus CRANIOLEUCA Reichenbach, 1853

CRANIOLEUCA ANTISIENSIS ZARATENSIS Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. 20:9, 1961.

Holotype: MHN Orn. 0641. Male. Zárate near San Bartolomé (lat. 11°55'S, long. 76°32'W), 2500-2800 m, Provincia de Huarochirí, Departamento de Lima, Perú. 25 July 1953. Collected by Maria Koepcke. Original number Kp 917 u.

Genus ASTHENES Reichenbach, 1853

ASTHENES CACTORUM LACHAYENSIS Koepcke

Beitr. Neotrop. Fauna, 4:164, 1965.

Holotype: MHN Orn. 1902. Male. Lomas de Lachay (lat. 11°24'S, long. 77°24'W), ca. 90 km north of Lima, Km 10 on road to Sayan, 250 m, Provincia de Chancay, Departamento de Lima, Perú. 4 April 1960. Collected by Maria Koepcke. Original number Kp 1677 f.

ASTHENES CACTORUM Koepcke

Beitr. Neotrop. Fauna, 1:243, 1959.

= *Asthenes cactorum cactorum* Koepcke. See Koepcke (1965); Mayr (1971).

Holotype: MHN Orn. 1895. Female. 10 km southwest of Atico (lat. 16°12'S, long. 73°37'W), 420 m, Provincia de Caravelí, Departamento de Arequipa, Perú. 8 January 1956. Collected by Maria Koepcke. Original number Kp 1341 f.

ASTHENES PUDIBUNDA GRISIOR Koepcke

Amer. Mus. Novit., no 2028:13, 1961.

Holotype: MHN Orn. 0624. Adult female. Chuquibamba (lat. 15°51'S, long. 72°39'W), 3500 m, Provincia de Condesuyos, Departamento de Arequipa, Perú. 27 January 1956. Collected by Maria Koepcke. Original number 1371 s.

Genus AUTOMOLUS Reichenbach, 1853

ANABAZENOPS RUFICOLLIS Taczanowski

Ornith. Pérou, 2:160, 1884.

= *Automolus ruficollis ruficollis* (Taczanowski). See Zimmer (1935).

Syntype: MHN Orn. 4333. Sex not indicated. Paucal (lat. 07°00'S, long. 79°08'W), Provincia de San Miguel, Departamento de Cajamarca, Perú.

Received in the Raimondi Collection. This species was apparently described from two specimens (Taczanowski, *loc. cit.*), which would make them syntypes. Hellmayr (1925), states "one of the types examined." This specimen was collected by Konstany Jelski (Sztolcman and Domaniewski, 1927) and is now in the Instytut Zoologiczny of the Polish Academy of Sciences in Warsaw. The other type, probably also collected by Jelski, is possibly specimen number 4333 in the Museo de Historia Natural "Javier Prado."

Family COTINGIDAE

Genus ZARATORNIS M. Koepcke, 1954

ZARATORNIS STRESEMANNI Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. 16:3, 1954.
See Lowery and O'Neill (1966); cf. Snow (1973).

Holotype: MHN Orn. 4332. Female. Zárate, near San Bartolomé (lat. 11°55'S, long. 76°32'W), 2700 m, Provincia de Huarochirí, Departamento de Lima, Perú. 12 October 1953. Collected by Maria Koepcke. Original number Kp 1019 i.

Family TYRANNIDAE

Genus OCHTHOECA Cabanis, 1847

OCHTHOECA JELSKII Taczanowski

Proc. Zool. Soc. London: 71, 1883.

= *Ochthoea pulchella jelskii* Taczanowski. See Meyer de Schauensee (1966).

Holotype: MHN Orn. 4334. Male. Montaña de Nancho [=mountains near Nanchoc], lat. 06°58'S, long. 79°15'W), 2347 m, Provincia de San Miguel, Departamento de Cajamarca, Perú. Collected by Konstany Jelski. Received in the Raimondi Collection.

OCHTHOECA SALVINI Taczanowski

Proc. Zool. Soc. London: 324, 1877.

= *Tumbezia salvini* (Taczanowski). See Chapman (1925); Hellmayr (1927).

Syntype: MHN Orn. 4335. Male. Tumbes [=Tumbes] (lat. 03°33'S, long. 80°28'W), 40 m, Provincia y Departamento de Tumbes, Perú. Col-

lected by Jan Sztolcman. Received in the Raimondi Collection. This species was described from three male specimens (Taczanowski, *loc. cit.*). Two of the specimens were examined by Hellmayr (*loc. cit.*), one of which was formerly in the Polish Museum of Natural History and was designated as the type by Sztolcman and Domaniewski (1927). The other specimen is now in the British Museum (Warren and Harrison, 1971). MHN Orn. 4335 is almost certainly the third specimen. All three should be considered syntypes.

Family THRAUPIDAE

Genus HEMISPINGUS Cabanis, 1851

HEMISPINGUS MELANOTIS MACROPHRYS Koepcke

Amer. Mus. Novit., no. 2028:22, 1961.

Holotype: MHN Orn. 0630. Male. Sunchubamba (lat. 07°29'S, long. 78°23'W), 2650 m, Provincia de Otuzco, Departamento de La Libertad, Perú. 2 August 1958. Collected by Maria Koepcke. Original number Kp 1588 c.

Family FRINGILLIDAE

Genus SPOROPHILA Cabanis, 1844

SPOROPHILA OBSCURA PACIFICA Koepcke

Beitr. Neotrop. Fauna, 3:3, 1963.

Holotype: MHN Orn. 1159. Male. Lomas de Lachay (lat. 11°24'S, long. 77°24'W), 400 m, ca. 90 km north of Lima, Provincia de Chancay, Departamento de Lima, Perú. 17 September 1962. Collected by Maria Koepcke. Original number Kp 1789 n.

Genus PHRYGILUS Cabanis, 1844

PHRYGILUS ALAUDINUS HUMBOLDTI Koepcke

Beitr. Neotrop. Fauna, 3:11, 1963.

Holotype: MHN Orn. 1162. Male. Quebrada El Chorillo in Cerro Illescas (lat. 06°10'S, long. 81°01'W), 150 m, Provincia y Departamento de Piura, Perú. 26 July 1958. Collected by Maria Koepcke. Original number Kp 1576 d.

Genus *ATLAPETES* Wagler, 1831*CARENOCHROUS DRESSERI* Taczanowski

Proc. Zool. Soc. London: 70, 1883.

= *Atlapetes leucopterus dresseri* (Taczanowski). See Paynter (1972).

Syntype: MHN Orn. 4336. Sex not indicated. Montaña de Nancho [= mountains near Nanchoc], (lat. 06°58'S, long. 79°15'W), 2347 m, Provincia de San Miguel, Departamento de Cajamarca, Perú. Collected by Konstany Jelski. Received in the Raimondi Collection. Sztolcman and Domaniewski (1927) designated as the type a specimen formerly in the Polish Museum of Natural History. Hellmayr (1938) attributes the type to the "Lima Museum." At best both specimens must be considered as syntypes.

CARENOCHROUS SEEBOHMI Taczanowski

Proc. Zool. Soc. London: 70, 1883.

= *Atlapetes nationi seebohmi* (Taczanowski). See Paynter (1972).

Holotype: MHN Orn. 4337. Sex not indicated. Cajacay (lat. 10°09'S, long. 77°27'W), Provincia de Bolognesi, Departamento de Ancash, Perú. Received in the Raimondi Collection.

This specimen was probably collected by Antonio Raimondi, who is known to have travelled widely in the Department of Ancash. Konstany Jelski and Jan Sztolcman do not appear to have collected there.

BUARREMON ALBICEPS Taczanowski

Ornith. Pérou, 2:533, 1884.

= *Atlapetes albiceps* (Taczanowski). See Paynter (1972).

Holotype: MHN Orn. 4338. Sex not indicated. Paucal (lat. 07°00'S, long. 79°08'W), Provincia de San Miguel, Departamento de Cajamarca, Perú. Received in the Raimondi Collection. The type locality is known to have been visited by Konstany Jelski, and Antonio Raimondi, one of whom probably collected this specimen. Jan Sztolcman does not appear to have collected here.

Genus *ZONOTRICHIA* Swainson, 1832*ZONOTRICHIA CAPENSIS* MARKLI Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. 23:4, 1971.

Holotype: MHN Orn. 4102. Male. Hacienda San Miguel near Catacaos, (lat. 05°16'S, long. 80°41'W), Provincia y Departamento de Piura, Perú. 14 April 1963. Collected by Walter Markl. Original number 607.

ZONOTRICHIA CAPENSIS ILLESCASENSIS Koepcke
Beitr. Neotrop. Fauna, 3:6, 1963.

Holotype: MHN Orn. 1156. Male. North of Reventazón (lat. 06°10'S, long. 81°00'W), in Cerro Illescas, Provincia y Departamento de Piura, Perú. 20 July 1958. Collected by Maria Koepcke. Original number Kp 1568 b.

TYPE SPECIMENS NO LONGER IN THE MHNJP
AS A RESULT OF AN EXCHANGE

Family TINAMIDAE

Genus CRYPTURELLUS Bradbourne and Chubb, 1914

CRYPTURELLUS RUBRIPES Taczanowski

Ornith. Pérou, 3:303, 1886—Lechugal, Río Zarumilla, Provincia de Zarumilla, Departamento de Tumbes, Perú.

= *Crypturellus transfasciatus* (Sclater and Salvin). See Koepcke (1962).

This specimen, now in the British Museum (Warren 1966), is the only one known to have been exchanged.

HOLOTYPE PRESUMED LOST OR DESTROYED

Order GRUIFORMES

Family RALLIDAE

Genus RALLUS Linnaeus, 1758

RALLUS PERUVIANUS Taczanowski

Ornith. Pérou, 3:313, 1886—No locality, Perú.

Listed by Peters (1934) as race of *R. limicola*. Meyer de Schauensee (1966) suggests it may represent a race of *R. semiplumbeus*. Cf. Hellmayr in Hellmayr and Conover (1942).

Order APODIFORMES

Family TROCHILIDAE

Genus LEUCIPPUS Bonaparte, 1850

LEUCIPPUS PALLIDUS Taczanowski

Proc. Zool. Soc. London: 542, 1874—Huanta, Provincia de Huanta, Departamento de Ayacucho, Perú.

= *Amazilia chionogaster chionogaster* (Tschudi). See Zimmer (1950).

Sztolcman and Domaniewski (1927) list a type in the Polish Museum of Natural History, but Zimmer (*loc. cit.*) presumes it is lost. Taczanowski (1884) attributes the type to the Raimondi Collection. If there were two specimens they must be considered as syntypes.

Genus TAPHROLESBIA Simon, 1918

CYNANTHUS GRISEIVENTRIS Taczanowski

Proc. Zool. Soc. London: 72, 1883—Paucal, Provincia de San Miguel, Departamento de Cajamarca, Perú.

= *Taphrolesbia griseiventris* (Taczanowski). See Zimmer (1952).

Order PASSERIFORMES

Family FURNARIIDAE

Genus UPUCERTHIA Gcoffroy Saint-Hilaire, 1832

UPUCERTHIA PALLIDA Taczanowski

Proc. Zool. Soc. London: 71, 1883—Junín, Provincia y Departamento de Junín, Perú.

= *Upucerthia jelskii pallida* Taczanowski. See Meyer de Schauensee (1966)

Family RHINOCRYPTIDAE

Genus MELANOPAREIA Reichenbach, 1853

SYNALLAXIS PAUCALENSIS Taczanowski.

Ornith. Pérou, 2:131, 1884—Paucal, Provincia de San Miguel, Departamento de Cajamarca, Perú.

= *Melanopareia elegans paucalensis* (Taczanowski). See Zimmer (1931).

Family PHYTOTOMIDAE
Genus PHYTOTOMA Molina, 1782

PHYTOTOMA RAIMONDI Taczanowski

Proc. Zool. Soc. London: 71, 1883—Tumbez, [=Tumbes], Provincia y Departamento de Tumbes, Perú. See Hellmayr (1929).

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TYPE SPECIMENS OF BIRDS IN THE MUSEO DE HISTORIA
NATURAL "JAVIER PRADO", LIMA, PERUBy Manuel A. Plenge¹

While preparing a checklist of Peruvian birds (Plenge, MS), I became aware that some of the holotypes in the Raimondi Collection were reported to be housed in the Museo de Historia Natural "Javier Prado" (Hellmayr 1925, 1927, 1929, 1938; Hellmayr and Conover 1942; Zimmer, 1931, 1935, 1937, 1950, 1952). To determine which types should be present there, an additional search was made in the literature (Sztolcman and Domaniewski, 1927; Taczanowski, 1874, 1877, 1883, 1884, 1886; Warren, 1966; Warren and Harrison, 1971). A search in the Museum's collection, however, failed to produce all of the types. A similar effort was made by the late Maria Koepecke (pers. comm.) with identical results.

From 1851 to 1869 Antonio Raimondi amassed the bulk of his botanical, ethnological, geographical, mineralogical, zoological, and other collections that bear his name (Jochamowitz 1950). The Government of Perú bought this collection in 1869 to establish the "Museo Raimondi" in the Escuela de Medicina (Colegio de la Independencia), which was not inaugurated until 1873 (Rospigliosi 1938). At the time, by Raimondi's own count, the mammal, bird, and reptile collections consisted of 400 specimens (Malinowski *et al.* 1891). Konstanty Jelski increased the ornithological collection from 1874 to 1878 (Balta 1926), and Jan Sztolcman may have done the same from 1876 to 1881.

¹ Casilla 2490, Lima, 100, Perú.

Before and after the purchase of the Raimondi Collection, most of the bird specimens were kept in boxes subject to the deteriorating influence of dirt, humidity, and insects. Raimondi sent an unspecified number of specimens to Wladyslaw Taczanowski in Warsaw, and he returned 257, properly identified (Balta 1926). It is also known that Raimondi forwarded three boxes of specimens, including birds, to the Museum of Milano, and also exchanged specimens with foreign collectors in Perú (Balta 1926). After Raimondi's death in 1890, a special commission inventoried the collection and counted 1265 bird specimens, plus some additional ones in jars and small boxes (Malinowski *et al.* 1891).

In 1920, through the efforts of Javier Prado, Rector of the Universidad Mayor de San Marcos, the now abandoned "Museo Raimondi" was ceded to the "Museo de Historia Natural" which was founded two years earlier on the second floor of the old house of the University (Rospigliosi 1938). The ornithological collection then possessed 843 specimens, all in a deplorable state. The significance of the specimens was not realized and about 100 species were mounted for exhibition, the remainder being placed in boxes to be kept for their historical value (Ridoutt 1941). The original labels may also have been removed at this time. The unmounted specimens are now presumed lost or, more likely, destroyed.

An "Exposición Raimondi" was inaugurated by government decree in 1926, to exhibit Raimondi's belongings, collections, instruments, manuscripts, maps, etc., which had been dispersed among different institutions. This exhibit included the bird collection then available and was installed in the Dirección de Minas y Petróleo del Ministerio de Fomento until 1933, when bureaucratic offices were installed in the area it had occupied. What remained of the collection was, fortunately, recovered and deposited in the Museo de Historia Natural de la Universidad Mayor de San Marcos (Jochamowitz 1950).

The bird specimens of the Raimondi Collection are no longer extant in the form of study specimens. The types, being unique specimens, were easily identified by the late Javier Ortiz de la Puente and are now relaxed, somewhat faded, and not in good condition.

When Javier Ortiz de la Puente arrived to take charge of the birds as assistant, the museum, now called the Museo de Historia Natural "Javier Prado", had an extremely small collection of study specimens, as practically all material was mounted and the original labels removed, including 100

specimens received in exchange from the British Museum (Natural History) in 1940. From 1947 to 1952 Ortiz de la Puente rapidly increased the number of specimens with his expeditions to central and northern Perú. In 1952 he lost his life in an automobile accident. Maria Koepcke secured large collections on her expeditions to various regions of Perú, from 1950 until her untimely death in an airplane accident in 1971. There are also many specimens acquired in lots from José M. Schunke, collected mainly in the Chanchamayo Valley, at Yarinacocha, and near Pucallpa, from 1938 to 1951. A small collection, taken at Hacienda Flor, near Puerto Victoria on the Río Pachitea from 1959 to 1961 was also purchased from Peter Wyrwich. Parts of collections obtained by Peter Hocking and his collectors from 1963 to 1974, in the Departments of Huánuco, Junín, and Pasco, were bought in several lots. Friends of the Museum contributed small numbers of specimens, and since 1974, the Louisiana State University Museum of Zoology has donated specimens obtained in Perú by its different field expeditions, increasing the total collection in the Museum to approximately 5000 skins.

The following report complies with Recommendation 72D(4) of the International Code of Zoological Nomenclature. No attempt has been made to list paratypes.

Linear arrangement follows that of Meyer de Schauensee (1966).

Type Specimens Now in the Museum

Of the twenty types of species and subspecies listed herein, five were described by Wladyslaw Taczanowski and the remainder by Maria Koepcke. It seems advisable to include more information than shown on the original labels and descriptions to pinpoint more precisely the type localities.

Order Tinamiformes

Family Tinamidae

Genus *Nothoprocta* Sclater and Salvin, 1874

Nothoprocta pentlandi [sic] nietherhammeri Koepcke

Bonn. Zool. Beitr., **19**: 231, 1968.

= *Nothoprocta pentlandii nietherhammeri* Koepcke

Holotype: MHN Orn. 2534. Male. Lomas de Lachay (lat. 11° 24' S, long. 77° 24' W), ca. 90 km north of Lima, Provincia de Chancay, Depart-

amento de Lima, Perú. 11 September 1962. Captured by José Montesa and prepared by Maria Koepcke. Original number Kp 1883 b. Koepcke (1968) remarks that this specimen was captured as a chick and raised in captivity. It was prepared as a skin when approximately one year old.

Order Passeriformes
Family Furnariidae
Genus *Geositta* Swainson, 1837

Geositta cunicularia georgei Koepcke
Beitr. Neotrop. Fauna, **4**: 154, 1965.

Holotype: MHN Orn. 1889. Male. Quebrada Seca above Hacienda Parcoy near Chala (lat. 15° 52' S, long. 74° 15' W), 600 m, Provincia de Caravelí, Departamento de Arequipa, Perú. 19 January 1960. Collected by Maria Koepcke. Original number Kp 1656 a.

Genus *Leptasthenura* Reichenbach, 1853

Leptasthenura pileata latistriata Koepcke
Beitr. Neotrop. Fauna, **4**: 158, 1965.

Holotype: MHN Orn. 1891. Female. Mazanallo near Ticrapo (lat. 13° 23' S, long. 75° 26' W), upper Pisco Valley, 2900 m, Provincia de Castrovirreyna, Departamento de Huancavelica, Perú. 26 November 1957. Collected by Maria Koepcke. Original number Kp 1483 o.

Genus *Synallaxis* Vieillot, 1818

Synallaxis zimmeri Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. **18**: 2, 1957.

(See Mayr 1971.)

Holotype: MHN Orn. 0584. Male. Near Colcabamba (lat. 09° 36' S, long. 77° 49' W), lateral gulch of the Río Casma, 2800 m, Provincia de Huaraz, Departamento de Ancash, Perú. 18 August 1956. Collected by Maria Koepcke. Original number Kp 1438 p.

Genus *Cranioleuca* Reichenbach, 1853

Cranioleuca antisimensis zaratensis Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. **20**: 9, 1961.

Holotype: MHN Orn. 0641. Male. Zárate near San Bartolomé (lat. 11° 55' S, long. 76° 32' W), 2500–2800 m, Provincia de Huarochirí, Departamento de Lima, Perú. 25 July 1953. Collected by Maria Koepcke. Original number Kp 917 u.

Genus *Asthenes* Reichenbach, 1853

Asthenes cactorum lachayensis Koepcke

Beitr. Neotrop. Fauna, **4**: 164, 1965.

Holotype: MHN Orn. 1902. Male. Lomas de Lachay (lat. 11° 24' S, long. 77° 24' W), ca. 90 km north of Lima, km 10 on road to Sayan, 250 m, Provincia de Chancay, Departamento de Lima, Perú. 4 April 1960. Collected by Maria Koepcke. Original number Kp 1677 f.

Asthenes cactorum Koepcke

Beitr. Neotrop. Fauna, **1**: 243, 1959.

= *Asthenes cactorum cactorum* Koepcke. See Koepcke (1965); Mayr (1971).

Holotype: MHN Orn. 1895. Female. 10 km southwest of Atico (lat. 16° 12' S, long. 73° 37' W), 420 m, Provincia de Caravelí, Departamento de Arequipa, Perú. 8 January 1956. Collected by Maria Koepcke. Original number Kp 1341 f.

Asthenes pudibunda grisior Koepcke

Amer. Mus. Novit., no. **2028**: 13, 1961.

Holotype: MHN Orn. 0624. Adult female. Chuquibamba (lat. 15° 51' S, long. 72° 39' W), 3500 m, Provincia de Condesuyos, Departamento de Arequipa, Perú. 27 January 1956. Collected by Maria Koepcke. Original number 1371 s.

Genus *Automolus* Reichenbach, 1853

Anabazenops ruficollis Taczanowski

Ornith. Pérou, **2**: 160, 1884.

= *Automolus ruficollis ruficollis* (Taczanowski). See Zimmer (1935).

Syntype: MHN Orn. 4333. Sex not indicated. Paucal (lat. 07° 00' S, long. 79° 08' W), Provincia de San Miguel, Departamento de Cajamarca, Perú.

Received in the Raimondi Collection. This species was apparently described from two specimens (Taczanowski, *loc. cit.*), which would make them syntypes. Hellmayr (1925), states "one of the types examined". This specimen was collected by Konstanty Jelski (Sztolcman and Domaniewski 1927) and is now in the Instytut Zoologiczny of the Polish Academy of Sciences in Warsaw. The other type, probably also collected by Jelski, is possibly specimen number 4333 in the Museo de Historia Natural "Javier Prado".

Family Cotingidae

Genus *Zaratornis* M. Koepcke, 1954

Zaratornis stresemanni Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. 16: 3, 1954.

See Lowery and O'Neill (1966); *cf.* Snow (1973).

Holotype: MHN Orn. 4332. Female. Zárate, near San Bartolomé (lat. 11° 55' S, long. 76° 32' W), 2700 m, Provincia de Huarochirí, Departamento de Lima, Perú. 12 October 1953. Collected by Maria Koepcke. Original number Kp 1019 i.

Family Tyrannidae

Genus *Ochthoeca* Cabanis, 1847

Ochthoeca jelskii Taczanowski

Proc. Zool. Soc. London: 71, 1883.

= *Ochthoeca pulchella jelskii* Taczanowski. See Meyer de Schauensee (1966).

Holotype: MHN Orn. 4334. Male. Montaña de Nancho [= mountains near Nanchoc], lat. 06° 58' S, long. 79° 15' W), 2347 m, Provincia de San Miguel, Departamento de Cajamarca, Perú. Collected by Konstanty Jelski. Received in the Raimondi Collection.

Ochthoeca salvini Taczanowski

Proc. Zool. Soc. London: 324, 1877.

= *Tumbezia salvini* (Taczanowski). See Chapman (1925); Hellmayr (1927).

Syntype: MHN Orn. 4335. Male. Tumbes [= Tumbes] (lat. 03° 33' S, long. 80° 28' W), 40 m, Provincia y Departamento de Tumbes, Perú. Col-

lected by Jan Sztolcman. Received in the Raimondi Collection. This species was described from three male specimens (Taczanowski, *loc. cit.*). Two of the specimens were examined by Hellmayr (*loc. cit.*), one of which was formerly in the Polish Museum of Natural History and was designated as the type by Sztolcman and Domaniewski (1927). The other specimen is now in the British Museum (Warren and Harrison, 1971). MHN Orn. 4335 is almost certainly the third specimen. All three should be considered syntypes.

Family Thraupidae

Genus *Hemispingus* Cabanis, 1851

Hemispingus melanotis macrophrys Koepcke

Amer. Mus. Novit., no. 2028: 22, 1961.

Holotype: MHN Orn. 0630. Male. Sunchubamba (lat. 07° 29' S, long. 78° 23' W), 2650 m, Provincia de Otuzco, Departamento de La Libertad, Perú. 2 August 1958. Collected by Maria Koepcke. Original number Kp 1588 c.

Family Fringillidae

Genus *Sporophila* Cabanis, 1844

Sporophila obscura pacifica Koepcke

Beitr. Neotrop. Fauna, 3: 3, 1963.

Holotype: MHN Orn. 1159. Male. Lomas de Lachay (lat. 11° 24' S, long. 77° 24' W), 400 m, ca. 90 km north of Lima, Provincia de Chancay, Departamento de Lima, Perú. 17 September 1962. Collected by Maria Koepcke. Original number Kp 1789 n.

Genus *Phrygilus* Cabanis, 1844

Phrygilus alaudinus humboldti Koepcke

Beitr. Neotrop. Fauna, 3: 11, 1963.

Holotype: MHN Orn. 1162. Male. Quebrada El Chorillo in Cerro Illescas (lat. 06° 10' S, long. 81° 01' W), 150 m, Provincia y Departamento de Piura, Perú. 26 July 1958. Collected by Maria Koepcke. Original number Kp 1576 d.

Genus *Atlapetes* Wagler, 1831*Carenochrous dresseri* Taczanowski

Proc. Zool. Soc. London: **70**, 1883.

= *Atlapetes leucopterus dresseri* (Taczanowski). See Paynter (1972).

Syntype: MHN Orn. 4336. Sex not indicated. Montaña de Nancho [= mountains near Nanchoc], (lat. 06° 58' S, long. 79° 15' W), 2347 m, Provincia de San Miguel, Departamento de Cajamarca, Perú. Collected by Konstanty Jelski. Received in the Raimondi Collection. Sztolcman and Domaniewski (1927) designated as the type a specimen formerly in the Polish Museum of Natural History. Hellmayr (1938) attributes the type to the "Lima Museum". At best both specimens must be considered as syntypes.

Carenochrous seebohmi Taczanowski

Proc. Zool. Soc. London: **70**, 1883.

= *Atlapetes nationi seebohmi* (Taczanowski). See Paynter (1972).

Holotype: MHN Orn. 4337. Sex not indicated. Cajacay (lat. 10° 09' S, long. 77° 27' W), Provincia de Bolognesi, Departamento de Ancash, Perú. Received in the Raimondi Collection.

This specimen was probably collected by Antonio Raimondi, who is known to have traveled widely in the Department of Ancash. Konstanty Jelski and Jan Sztolcman do not appear to have collected there.

Buarremon albiceps Taczanowski

Ornith. Pérou, **2**: 533, 1884.

= *Atlapetes albiceps* (Taczanowski). See Paynter (1972).

Holotype: MHN Orn. 4338. Sex not indicated. Paucal (lat. 07° 00' S, long. 79° 08' W), Provincia de San Miguel, Departamento de Cajamarca, Perú. Received in the Raimondi Collection. The type locality is known to have been visited by Konstanty Jelski, and Antonio Raimondi, one of whom probably collected this specimen. Jan Sztolcman does not appear to have collected here.

Genus *Zonotrichia* Swainson, 1832*Zonotrichia capensis markli* Koepcke

Publ. Mus. Hist. Natur. Javier Prado, Ser. A, Zool., no. **23**: 4, 1971.

Holotype: MHN Orn. 4102. Male. Hacienda San Miguel near Catacaos, (lat. 05° 16' S, long. 80° 41' W), Provincia y Departamento de Piura, Perú. 14 April 1963. Collected by Walter Markl. Original number 607.

Zonotrichia capensis illescasensis Koepcke
Beitr. Neotrop. Fauna, **3**: 6, 1963.

Holotype: MHN Orn. 1156. Male. North of Reventazón (lat. 06° 10' S, long. 81° 00' W), in Cerro Illescas, Provincia y Departamento de Piura, Perú. 20 July 1958. Collected by Maria Koepcke. Original number Kp 1568 b.

**TYPE SPECIMENS NO LONGER IN THE MHNJP
AS A RESULT OF AN EXCHANGE**

Family Tinamidae

Genus *Crypturellus* Bradbourne and Chubb, 1914

Crypturellus rubripes Taczanowski

Ornith. Pérou, **3**: 303, 1886 — Lechugal, Río Zarumilla, Provincia de Zarumilla, Departamento de Tumbes, Perú.

= *Crypturellus transfasciatus* (Sclater and Salvin). See Koepcke (1962).

This specimen, now in the British Museum (Warren 1966), is the only one known to have been exchanged.

HOLOTYPES PRESUMED LOST OR DESTROYED

Order Gruiformes

Family Rallidae

Genus *Rallus* Linnaeus, 1758

Rallus peruvianus Taczanowski

Ornith. Pérou, **3**: 313, 1886 — No locality, Perú.

Listed by Peters (1934) as race of *R. limicola*. Meyer de Schauensee (1966) suggests it may represent a race of *R. semiplumbeus*. Cf. Hellmayr in Hellmayr and Conover (1942).

Order Apodiformes**Family Trochilidae****Genus *Leucippus* Bonaparte, 1850**

Leucippus pallidus Taczanowski

Proc. Zool. Soc. London: 542, 1874 — Huanta, Provincia de Huanta, Departamento de Ayacucho, Perú.

= *Amazilia chionogaster chionogaster* (Tschudi). See Zimmer (1950).

Sztolcman and Domaniewski (1927) list a type in the Polish Museum of Natural History, but Zimmer (*loc. cit.*) presumes it is lost. Taczanowski (1884) attributes the type to the Raimondi Collection. If there were two specimens they must be considered as syntypes.

Genus *Taphrolesbia* Simon, 1918

Cynanthus griseiventris Taczanowski

Proc. Zool. Soc. London: 72, 1883 — Paucal, Provincia de San Miguel, Departamento de Cajamarca, Perú.

= *Taphrolesbia griseiventris* (Taczanowski). See Zimmer (1952).

Order Passeriformes**Family Furnariidae****Genus *Upucerthia* Geoffroy Saint-Hilaire, 1832**

Upucerthia pallida Taczanowski

Proc. Zool. Soc. London: 71, 1883 — Junín, Provincia y Departamento de Junín, Perú.

= *Upucerthia jelskii pallida* Taczanowski. See Meyer de Schauensee (1966)

Family Rhinocryptidae**Genus *Melanopareia* Reichenbach, 1853**

Synallaxis paucalensis Taczanowski.

Ornith. Pérou, 2: 131, 1884 — Paucal, Provincia de San Miguel, Departamento de Cajamarca, Perú.

= *Melanopareia elegans paucalensis* (Taczanowski). See Zimmer (1931).

Family Phytotomidae
Genus *Phytotoma* Molina, 1782

Phytotoma raimondii Taczanowski

Proc. Zool. Soc. London: 71, 1883 — Tumbes, [= Tumbes], Provincia y Departamento de Tumbes, Perú. See Hellmayr (1929).

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