

I take this opportunity to make a few additions and corrections to Part I. of this series of papers (Brachiopoda), P.Z. S. 1878:—

Page 401. *Terebratula caput-serpentis*, var. *septentrionalis*. Norwegian arctic Exp. 1877, Dutch arctic Exp. 1878; 210–300 fathoms!

P. 402. *Terebratula trigona* of Quensted is a species of *Rhynchonella*.

P. 408. Prof. G. O. Sars agrees with me that *Terebratula septata* and *T. septigera* are one and the same species.

P. 410. *Argiope cuneata*, G. Gascony (De Folin)!

P. 411. *Platydia anomioïdes*, G. Gascony (De Folin, as *P. davidsoni*)!

P. 412. *Thecidea mediterranea*, G. Gascony (De Folin)!

P. 415. *Discina atlantica*. 'Challenger' Exp., off the coast of N. Australia (Watson).

EXPLANATION OF THE PLATES.

PLATE XLV.

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PLATE XLVI.

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2. On the Birds collected in Bolivia by Mr. C. Buckley.

By P. L. SCLATER, M.A., Ph.D., F.R.S., and OSBERT SALVIN, M.A., F.R.S.

[Received June 17, 1879.]

The materials of our present communication are the collections made in Bolivia by Mr. Clarence Buckley, a well-known and enthusiastic collector of Lepidopterous insects. On his first expedition to this republic (in 1873–4), Mr. Buckley went principally in quest of Butterflies, and of Birds obtained only a certain number of Trochilidæ for Mr. Gould.

Before starting again for Bolivia in 1875, Mr. Buckley arranged with Messrs. Salvin and Godman to form a general series of birds for their joint collection.

The result of this agreement was the acquisition of two carefully prepared collections of about 700 skins in all, referable to about 500 species, out of which we have already described the principal novelties in two papers read before the Society in February and April 1876¹. Having now gone through the whole series, we have felt unwilling to pass by the opportunity of adding something more to the general knowledge of the rich Bolivian avifauna, in which, of late years, so little has been done. We therefore propose to give, herewith, a complete list of the species obtained by Mr. Buckley, as represented by the specimens in the collection of Messrs. Salvin and Godman.

On both of Mr. Buckley's expeditions his head quarters were at La Paz, whence excursions were made into the valleys and ranges to the north and east of that city. On the second expedition the principal series of birds was obtained at Tilotilo, a group of ranchos situated on a spur of the Andes extending between the Rio de la Paz and the Rio Coroico, as explained in a former paper.

The new species discovered by Mr. Buckley during these two expeditions were 19 in number, namely:—

1. *Catharus mentalis*, Scl. et Salv. P. Z. S. 1876, p. 352.
2. *Basileuterus euophrys*, Scl. et Salv. P. Z. S. 1876, p. 352.
3. *Diglossa glauca*, Scl. et Salv. P. Z. S. 1876, p. 253.
4. *Calliste punctulata*, Scl. et Salv. P. Z. S. 1876, p. 353.
5. — *fulvicervix*, Scl. et Salv. P. Z. S. 1876, p. 354.
6. — *argyrophenges*, Scl. et Salv. P. Z. S. 1876, p. 354.
7. *Malacothraupis dentata*, Scl. et Salv. P. Z. S. 1876, p. 353.
8. *Chlorospingus calophrys*, Scl. et Salv. P. Z. S. 1876, p. 354.
9. *Buarremon melanops*, Scl. et Salv. P. Z. S. 1876, p. 253.
10. *Ochthodiaeta fuscorufus*, Scl. et Salv. P. Z. S. 1876, p. 354.
11. *Ochthæca pulchella*, Scl. et Salv. P. Z. S. 1876, p. 355.
12. *Anæretes flavirostris*, Scl. et Salv. P. Z. S. 1876, p. 355.
13. *Leptopogon tristis*, Scl. et Salv. P. Z. S. 1876, p. 254.
14. *Synallaxis rufipennis*, Scl. et Salv. infra, p. 620.
15. *Lathria uropygialis*, Scl. et Salv. P. Z. S. 1876, p. 355.
16. *Thamnophilus subfasciatus*, Scl. et Salv. P. Z. S. 1876, p. 357.
17. *Grallaria erythrotis*, Scl. et Salv. P. Z. S. 1876, p. 357.
18. *Asturina saturata*, Scl. et Salv. P. Z. S. 1876, p. 357.
19. *Leptoptila megalura*, Scl. et Salv. infra, p. 640.

In order to render the list of Bolivian species more complete, we have inserted references to all the species obtained in this country by d'Orbigny and other explorers which we have been able to identify satisfactorily. These are not numerous, our authorities on Bolivian ornithology being but few. We will give a short account of those known to us.

(1) *Alcide d'Orbigny*. This well-known naturalist was the first scientific explorer of Bolivia, during his great South-American journey, 1826–33. His collection of birds, the full series of which was placed in the Museum of Paris, was worked out by the late Baron F. de Lafresnaye and himself; and the results were published, first in the

¹ See P. Z. S. 1876, pp. 253 and 352.

form of a "Synopsis" in the 'Magasin de Zoologie' for 1837 and 1838, and subsequently in a more extended form in his great work entitled 'Voyage dans l'Amérique méridionale,' of which the "Birds" form the third part of the fourth volume. Unfortunately, the account of d'Orbigny's birds was never completed, the "Synopsis" only proceeding as far as the Accipitres, Passeres, and Picariæ, and the 'Voyage' being not quite so nearly perfect. In the remaining classes of birds many of d'Orbigny's discoveries have been since published by subsequent authors.

(2) In 1845-47 Mr. Thomas Bridges, a well-known Corresponding Member of this Society, collected in Bolivia for the late Earl of Derby, and sent home a large number of birds, which are now in the Derby Museum at Liverpool. Other specimens of the same collector found their way, through Mr. Bridges's agent Mr. Hugh Cuming, into the British Museum and other collections; but the localities attached to these specimens are not always trustworthy, as the Bolivian collections were mixed up by Mr. Cuming with those previously sent home by Mr. Bridges from Chili and Mendoza. Two letters of Mr. Bridges will be found in the Society's 'Proceedings' for 1846 and 1847¹. Unfortunately no general account of Mr. Bridges's excellent collections was ever prepared or published.

(3) Mr. J. B. Pentland, who was for some years H.B.M. Consul in Bolivia, collected many birds and other objects of natural history, some of which are now in the British and French national collections². These also have never been worked out.

(4) The Polish naturalist, M. Warszewiez, of Warsaw, explored the eastern slopes of Illimani and Sorata about 1852-53, and discovered some brilliant Humming-birds, which were described by Mr. Gould in the Society's 'Proceedings' for 1853³. M. Warszewiez collected other birds, which passed into other museums on the Continent, and of which scattered notices have appeared.

(5) The late Mr. David Forbes, the distinguished geologist, collected birds in Bolivia, some of which are now in Sclater's collection. He was the discoverer of the remarkable Grebe *Centropelma micropteron*⁴, upon the Lake of Titicaca.

(6) Lastly, Mr. Walter Davis, who accompanied Mr. Alexander Agassiz's exploring party to Lake Titicaca in 1875, obtained examples of six species of birds at Coroico, on the eastern slope of Illimani, as noticed in Mr. J. A. Allen's account of the birds obtained during this expedition⁵. Most of the other species noticed in this memoir, no doubt, occur in Bolivia as well as Peru, as Lake Titicaca

¹ Letter from Thomas Bridges, C.M.Z.S., addressed to G. R. Waterhouse, containing notes on Bolivian Mammals and Birds, P. Z. S. 1846, p. 7.

"Notes in addition to former papers on South-American Ornithology," by Thomas Bridges, C.M.Z.S. P. Z. S. 1847, p. 28.

² See Mr. Pentland's paper on the Bolivian Andes, Journ. R. Geogr. Soc. v. p. 70.

³ See P. Z. S. 1853, p. 61.

⁴ Ex. Orn. p. 189, pl. xcv.

⁵ "Exploration of Lake Titicaca, by Alexander Agassiz and S. W. Garman. III. List of Mammals and Birds. By J. A. Allen, with Field-Notes by Mr. Garman," Bull. Mus. Comp. Zool. Harvard Coll. Cambridge, iii, p. 349.

is half in one republic and half in the other; but we have not thought it necessary to include them in the present list.

In the following list Mr. Buckley's localities are marked (*B.*), those of d'Orbigny (*O.*).

Fam. TURDIDÆ.

1. CATHARUS MENTALIS, Scl. & Salv. P. Z. S. 1876, p. 352.

Suapi (*B.*).

2. CATHARUS MACULATUS, Scl.

Tilotilo (*B.*).

3. TURDUS CROTOPEZUS, Licht.

Rio Toro, Tilotilo (*B.*).

4. TURDUS LEUCOMELAS, Vieill.

Turdus olivaceus, Lafr. & d'Orb. Syn. Av. i. p. 17.

Turdus rufiventris ♀, d'Orb. Voy. p. 203.

Mapiri, Baganti, and Tilotilo (*B.*); Santa Cruz de la Sierra (*O.*).

The skins marked *T. olivaceus* in the Paris Museum, which d'Orbigny subsequently referred to the female of *T. rufiventris*, belong to this species.

5. TURDUS GIGAS, Fraser.

Sorata, Tilotilo (*B.*).

Mr. Buckley's skins cannot be separated from *T. gigantodes*, Cab. (J. f. O. 1873, p. 315), which is only a southern form of *T. gigas*.

6. TURDUS FUSCATUS, Lafr. & d'Orb. Syn. Av. i. p. 16; d'Orb. Voy. p. 200, t. ix. f. 5.

La Paz, Enquisivi, Cochabamba, Mizqui, Valle Grande, Chiquisaca (*O.*).

There are two Bolivian examples of this Thrush collected by Bridges, and one brought from that country by Mr. D. Forbes, in Selater's collection. They agree fairly with specimens from Mendoza (Mus. S.-G.), which, however, have usually a longer bill.

7. TURDUS CHIGUANCO, Lafr. & d'Orb. Syn. Av. i. p. 16; d'Orb. Voy. Ois. p. 201, t. ix. f. 2.

Palca, Tacna (*O.*); Tilotilo (*B.*).

Mr. Buckley's skin agrees with Mr. Whitely's specimens from Western Peru, whence d'Orbigny's types were procured.

8. TURDUS SERRANUS (Tsch.); Scl. & Salv. P. Z. S. 1870, p. 783.

Tilotilo (*B.*).

To the range of this species Bolivia must now be added.

9. *MIMUS DORSALIS* (d'Orb. et Lafr.).

Orpheus dorsalis, d'Orb. & Lafr. Syn. Av. i. p. 18; d'Orb. Voy. Ois. p. 211, t. xi. f. 2.

Cochabamba (O.).

In Sclater's collection, from Bolivia (*Bridges*).

10. *MIMUS TRIURUS* (d'Orb. et Lafr.).

Orpheus tricaudatus, d'Orb. & Lafr. Syn. Av. i. p. 18.

Orpheus triurus, d'Orb. Voy. Ois. p. 208.

Mission de San Jose, Chiquitos (O.).

Fam. SYLVIIDÆ.

11. *MYIADESTES RALLOIDES* (D'Orb.).

Muscipeta armillata, d'Orb. & Lafr. Syn. Av. i. p. 48.

M. ralloides, d'Orb. Voy. Ois. p. 322.

Myiadestes ralloides, Scl. & Salv. Ex. Orn. pl. xxvii.

Chulumani, Prov. Yungas (O.); Guanai, Tilotilo (B.).

12. *POLIOPTILA DUMICOLA* (Vieill.).

Culicivora bivittata, d'Orb. & Lafr. Syn. Av. i. p. 56.

Culicivora dumicola, d'Orb. Voy. Ois. p. 331.

Culicivora boliviana, Scl. P. Z. S. 1852, p. 34, pl. 47.

Chiquitos and Moxos (O.).

In Sclater's collection, from Bolivia (*Bridges*): type of his *C. boliviana*.

Fam. TROGLODYTIDÆ.

13. *DONACOBIVUS ALBOVITTATUS*, d'Orb. & Lafr. Syn. Av. i. p. 19; d'Orb. Voy. Ois. p. 213.

D. lineatus, d'Orb. ibid. t. xii. f. i.

Mission de San Jose, Prov. Chiquitos (O.).

14. *CAMPYLORHYNCHUS UNICOLOR*, Lafr.

Picolaptes scolopaceus, d'Orb. & Lafr. Syn. Av. i. p. 46.

Anumbius scolopaceus, d'Orb. Voy. Ois. p. 256.

Campylorhynchus unicolor, Lafr. Rev. Zool. 1846, p. 93; Scl. Cat. Am. B. p. 16.

Chiquitos, Santa Cruz, Guarayos and Yuracares (O.).

The specimen in Sclater's collection agrees with Lafresnaye's description of his *C. unicolor*, but not exactly with d'Orbigny's characters (Voy. p. 256).

15. *CYPHORHINUS MODULATOR*, D'Orb.

Troglodytes arada, d'Orb. & Lafr. Syn. Av. i. p. 25.

Thryothorus modulator, d'Orb. Voy. Ois. p. 230.

Cyporhinus modulator, Scl. et Salv. Ex. Orn. p. 43.

Prov. Yungas (O.).

16. HENICORHINA LEUCOPHRYS (Tsch.).

Tilotilo (B.).

17. THRYOPHILUS FULVUS, *Scl. P. Z. S.* 1873, p. 781.*Troglodytes guarayanus*, d'Orb. *Voy. Ois.* p. 203 (?).

Simacu (B.).

The type of d'Orbigny's *Tr. guarayanus* is not to be found in the Paris Museum; so the question of its identity with *T. fulvus* must remain open.

18. THRYOTHORUS MELANOPS, Vieill.

Le Thryothore à oreilles noires. T. melanos, Vieill. *Enc. Méth.* p. 628.

Troglodytes coraya, d'Orb. & Lafr. *Syn. Av. i.* p. 25.*Thryothorus coraya*, d'Orb. *Voy. Ois.* p. 229.

Carcuata, Prov. Yungas, Concepcion, Prov. Chiquitos (O.); Simacu, Tilotilo (B.).

Vieillot's term *melanos* is, no doubt, a misprint for *melanops*. Bolivian specimens agree with others from Brazil.

19. TROGLODYTES FURVUS, d'Orb. & Lafr.

Troglodytes furva, d'Orb. & Lafr. *Syn. Av. i.* p. 26.*T. platensis*, d'Orb. *Voy.* p. 131.

La Paz, Prov. Yungas, Sicasica, Valle Grande (O.); Ramosani, Caguarani (B.).

20. TROGLODYTES SOLSTITIALIS, *Scl.*

Tilotilo (B.).

21. CISTOTHORUS POLYGLOTTUS (Vieill.).

Rhapaguaia (B.).

Fam. MOTACILLIDÆ.

22. ANTHUS BOGOTENSIS, *Scl.*

Anthus rufescens, d'Orb. & Lafr. *Syn. Av. i.* p. 27; d'Orb. *Voy. Ois.* p. 226.

Anthus bogotensis, *Scl. Cat. Am. B.* p. 24; *Ibis*, 1878, p. 357.

Mountain of Biscachal, near Carcuata, Prov. Yungas (O.).

23. ANTHUS FURCATUS, d'Orb. & Lafr. *Syn. Av. i.* p. 27; et d'Orb. *Voy.* p. 227; *Sclater, Ibis*, 1878, p. 364.

Cochabamba (O.).

Fam. MNIOTILTIDÆ.

24. PARULA PITIAYUMI (Vieill.).

Sylvia venustula, d'Orb. & Lafr. *Syn. Av.* p. 29.*S. venusta*, d'Orb. *Voy. Ois.* p. 218.

Prov. Yungas, Sicasica, Valle Grande (O.); Tilotilo (B.).

25. *DENDRÆCA CÆRULEA* (Wils.).Nairapi, Tilotilo (*B.*).

This extends the southern range of this North-American species, already known from Bogota (Mus. P. L. S.) and Ecuador (Mus. S.-G).

26. *GEOTHYLPIS VELATA* (Vieill.).

Sylvia velata, d'Orb. & Lafr. Syn. Av. i. p. 20 ; d'Orb. Voy. Ois. p. 217.

Prov. Chiquitos (*O.*).

We have not examined Bolivian specimens of this species.

27. *BASILEUTERUS VERMIVORUS* (Vieill.).

Muscicapa vermivora, d'Orb. & Lafr. Syn. Av. i. p. 51 ; d'Orb. Voy. Ois. p. 324.

Basileuterus vermivorus, Scl. P. Z. S. 1865, p. 283.

Between Santa Cruz de la Sierra and Chiquitos (*O.*).

Not seen by us from Bolivia, but quite likely to occur there, being widely distributed.

28. *BASILEUTERUS EUOPHRYS*, Scl. & Salv. P. Z. S. 1876, p. 352.Tilotilo (*B.*).29. *BASILEUTERUS BIVITTATUS* (d'Orb. & Lafr.).

Muscicapa bivittata, d'Orb. & Lafr. Syn. Av. i. p. 51.

Muscicapara bivittata, d'Orb. Voy. Ois. p. 324.

Carcuata, Prov. Yungas (*O.*) ; Simacu, Prov. Yungas (*B.*).

30. *BASILEUTERUS DIACHLORUS*, Cab. Journ. f. O. 1873, p. 316. Simacu, Consata (*B.*).31. *BASILEUTERUS MESOLEUCUS*, Scl. P. Z. S. 1865, p. 286, pl. 9. fig. 1.Yuyo (*B.*).

The single specimen sent by Mr. Buckley agrees with the type (Mus. P. L. S.), except in having the throat and breast rather more suffused with pale rufous. The rufous superciliary line is not shown; but this may be owing to the damaged state of Mr. Buckley's skin.

32. *SETOPHAGA VERTICALIS*, d'Orb. & Lafr. Syn. Av. i. p. 50 ; d'Orb. Voy. Ois. p. 330, t. xxxv. f. 1 ; Salvin, Ibis, 1878, p. 311.

Prov. Yungas (*O.*) ; Typuani, Prov. Yungas (*B.*).

33. *SETOPHAGA MELANOCEPHALA* (Tsch.) ; Salvin, Ibis, 1878, p. 312.Simacu, Tilotilo (*B.*).34. *SETOPHAGA BRUNNEICEPS*, d'Orb. & Lafr. Sgn. Av. i. p. 50 ; d'Orb. Voy. Ois. p. 329, t. xxxiv. f. 3, 4 ; Salvin, Ibis, 1878, p. 312.

Prov. Yungas (*O.*) ; Tilotilo, Prov. Yungas (*B.*).

Fam. VIREONIDÆ.

35. VIREOSYLVA OLIVACEA (Linn.).

Vireo virescens, d'Orb. & Lafr. Syn. Av. i. p. 9.

Vireo olivaceus, d'Orb. Voy. Ois. p. 162.

Moxos, Chiquitos, Yungas and Yuracares (O.); Guanai, Prov. Yungas (B.).

36. CYCLORHIS, sp. inc.

Laniagra guyanensis, d'Orb. & Lafr. Syn. Av. i. p. 9; d'Orb. Voy. Ois. p. 160.

Cyclorhis viridis, Scl. Cat. Am. B. p. 46.

Chiquitos, Yungas, Ayupaya, and Rio Grande (O.).

A Bolivian *Cyclorhis* in Sclater's collection is certainly not *C. viridis* of the Argentine Republic, but comes nearest to *C. flavipectus*, although apparently different, having a much higher and more compressed bill, with a strong black patch at the base of the lower mandible.

Fam. HIRUNDINIDÆ.

37. PROGNE PURPUREA (Linn.).

Hirundo purpurea, d'Orb. & Lafr. Syn. Av. i. p. 68.

Mizque, Guarayos, Chiquitos (O.).

38. PROGNE TAPERÆ (Linn.).

Hirundo fusca, d'Orb. & Lafr. Syn. Av. i. p. 68.

Progne tapera, Scl. P. Z. S. 1872, p. 600.

Prov. Chiquitos (O.).

39. HIRUNDO ANDICOLA, d'Orb. & Lafr. Syn. Av. i. p. 69; Scl. et Salv. P. Z. S. 1867, p. 984, et 1869, p. 151.

La Paz (O.).

40. HIRUNDO ALBIVENTRIS, Bodd.

Hirundo leucoptera, d'Orb. & Lafr. Syn. Av. i. p. 69.

Moxos (O.).

We have specimens of this Swallow from Eastern Peru; and it may doubtless occur in Bolivia.

41. ATTICORA FASCIATA (Gm.).

Yuyo, Cangali (B.); Prov. Yungas (O.).

This species appears to extend from Cayenne (Mus. P. L. S.), throughout Amazonia into Ecuador (Mus. P. L. S.) and Bolivia. The specimens from the last three localities have the white breast-band much broader than the Cayenne bird.

42. ATTICORA CYANOLEUCA (Vieill.).

Hirundo cyanoleuca, d'Orb. & Lafr. Syn. Av. i. p. 68.

Petrochelidon cyanoleuca, Scl. Cat. Am. B. p. 40.

Prov. Moxos (O.); Cangali, Tilotilo, Prov. Yungas (B.).

43. *STELGIDOPTERYX RUFICOLLIS* (Vieill.).*Hirundo flavigastra*, d'Orb. & Lafr. Syn. Av. i. p. 69.

Yuyo (B.).

Bolivian specimens possibly belong to the Brazilian form, and not to the western *S. uropygialis* (Lawr.)¹.

Fam. CÆREBIDÆ.

44. *DIGLOSSA SITTOIDES* (d'Orb. & Lafr.).*Servirostrum sittoides*, d'Orb. & Lafr. Syn. Av. ii. p. 25; d'Orb. Voy. Ois. p. 374, t. lviii. f. 3.*Diglossa sittoides*, Scl. Ibis, 1875, p. 208.

Chupé, Prov. Yungas, Chuquisaca and Valle Grande (O.).

45. *DIGLOSSA BRUNNEIVENTRIS*, Lafr.; Scl. Ibis, 1875, p. 211.

Tilotilo, Khapaguaia, Prov. Yungas (B.).

46. *DIGLOSSA MYSTACALIS*, Lafr.; Scl. Ibis, 1875, p. 212.

Cillutincara, Prov. Yungas (B.).

47. *DIGLOSSA CARBONARIA*, (d'Orb. & Lafr.).*Servirostrum carbonarium*, d'Orb. & Lafr. Syn. Av. ii. p. 24; d'Orb. Voy. Ois. p. 373, t. lviii. f. 1, 2.*Diglossa carbonaria*, Scl. Ibis, 1875, p. 213.

Cajapi, Prov. Yungas, Inquisivi, Prov. Sicasica, Palca, Prov. Ayupaya (O.); Tilotilo, Prov. Yungas (B.).

48. *DIGLOSSA GLAUCA*, Scl. & Salv. P. Z. S. 1876, p. 253.

Nairapi, Prov. Yungas (B.).

49. *DIGLOSSA PERSONATA*, (Fraser); Scl. Ibis, 1875, p. 218.

Tilotilo, Caguarani, Prov. Yungas (B.).

50. *CONIROSTRUM CYANEUM*, Tacz. P. Z. S. 1874, p. 312.

Tilotilo, Prov. Yungas (B.).

51. *CONIROSTRUM FERRUGINEIVENTRE*, Scl. P. Z. S. 1855, p. 74, Aves, pl. lxxxv.; Scl. & Salv. P. Z. S. 1874, pp. 511 et 678.

Sclater's original description of this species was based on specimens in the Derby Museum, collected by Bridges in Bolivia. Mr. Whitely and M. Jelski have both obtained it in Peru.

52. *CONIROSTRUM CINEREUM*, d'Orb. & Lafr. Syn. Av. ii. p. 25; d'Orb. Voy. Ois. p. 374, t. lix. f. 1.

Inquisivi, Prov. Sicasica (O.).

In Sclater's collection, from Bolivia (*D. Forbes*) and Peru (*Jelski*).¹ Ibis, 1863, p. 281.

53. *CONIROSTRUM ATROCYANEUM*, Lafr. Rev. Zool. 1848, p. 9.
Tilotilo (B.).

This species is in our opinion quite distinct from *C. albifrons* of Colombia. Besides the blue head, the present bird differs in having the whole back except the upper tail-coverts of a dull black.

54. *DACNIS CAYANA* (Linn.).

Dacnis cyanater, d'Orb. & Lafr. Syn. Av. p. 21.

Dacnis cyanocephalus, d'Orb. Voy. Ois. p. 221.

Dacnis cayana, Scl. Ibis, 1863, p. 313.

Rio Tamapaya, Prov. Yungas, Santa Cruz de la Sierra, Territory of the Yuracares and Guarayos Indians (O.).

55. *DACNIS ANGELICA*, Bp.

Dacnis cayanus, d'Orb. & Lafr. Syn. Av. p. 20; d'Orb. Voy. Ois. p. 221.

Dacnis melanotis et *D. angelica*, Scl. Ibis, 1863, p. 315.

Territory of the Yuracares Indians (O.).

The name "*angelica*" having been published by Bonaparte in a footnote to his paper in the "Atti della sesta Riunione degli Scienziati Italiani" (p. 404) in 1845, takes precedence over Strickland's *melanotis* (Contr. Orn. 1851, p. 16) for this species.

56. *DACNIS FLAVIVENTER*, d'Orb. & Lafr. Syn. Av. i. p. 21; d'Orb. Voy. Ois. p. 220, t. xiii. f. 2; Scl. Ibis, 1863, p. 316.

Territory of the Yuracares Indians (O.).

57. *CHLOROPHANES ATRICAPILLA* (Vieill.).

Cæreba atricapilla, d'Orb. & Lafr. Syn. Av. ii. p. 24.

Territory of the Yuracares Indians (O.); Nairapi, Simacu, Prov. Yungas (B.).

58. *CÆREBA CYANEA* (Linn.); d'Orb. & Lafr. Syn. Av. ii. p. 34.
Territory of the Guarayos Indians (O.).

59. *CÆREBA CÆRULEA* (Linn.).

Tilotilo, Simacu, Nairapi, Prov. Yungas (B.).

60. *CERTHIOLA MEXICANA*, Scl.

Certhiola flaveola, d'Orb. & Lafr. Syn. Av. ii. p. 24.

Certhiola mexicana, Finsch, Verh. z.-b. Ges. Wien, 1871, p. 773.

Territory of the Guarayos Indians (O.); Tilotilo, Baganti, Prov. Yungas (B.).

Fam. TANAGRIDÆ.

61. *PROCNIAS TERSA* (Linn.).

Tersina cærulea, d'Orb. & Lafr. Syn. Av. i. p. 41.

Tersina tersa, d'Orb. Voy. Ois. p. 299.

Santa Cruz de la Sierra (O.); Tilotilo, Prov. Yungas (B.).

62. CHLOROPHONIA VIRIDIS (Vieill.).

Tilotilo, Prov. Yungas (B.).

The single female example sent cannot be distinguished from the corresponding sex of this species.

63. EUPHONIA LANIROSTRIS, d'Orb. & Lafr. Syn. Av. i. p. 30; d'Orb. Voy. Ois. p. 266, t. xxii. f. 1.

Euphonia crassirostris, Scl. P. Z. S. 1856, p. 103 et aliter.

Prov. Yungas and Santa Cruz de la Sierra, Territory of the Yuracares and Guarayos Indians (O.).

After examining a large series, we think *E. crassirostris*, originally established on Colombia specimens, cannot be safely distinguished from the Bolivian bird.

64. EUPHONIA CHLOROTICA (Linn.).

Euphonia serrirostris, d'Orb. & Lafr. Syn. Av. i. p. 30; d'Orb. Voy. Ois. p. 267, t. xxi. fig. 2.

Guarayos (O.); Tilotilo, Prov. Yungas (B.).

65. EUPHONIA RUFICEPS, d'Orb. & Lafr. Syn. Av. i. p. 30; d'Orb. Voy. Ois. p. 268, t. xxii. f. 2.

Territory of the Yuracares Indians (O.); Tilotilo, Prov. Yungas (B.).

66. EUPHONIA CHRYSOPASTA, Scl. & Salv.

Euphonia chrysopasta, Scl. & Salv. P. Z. S. 1868, p. 438, pl. xxx. Simacu (B.).

67. PIPRIDEA MELANONOTA (Vieill.).

Tilotilo, Prov. Yungas (B.).

68. PIPRIDEA CASTANEIVENTRIS, Scl. P. Z. S. 1866, p. 265.

Tilotilo, Prov. Yungas (B.).

69. CALLISTE YENI (d'Orb. & Lafr.).

Aglaia yeni, d'Orb. & Lafr. Syn. Av. i. p. 270.

Tanagra yeni, d'Orb. Voy. Ois. p. 270, t. xxiv. f. 2.

Typuani, Tilotilo, Prov. Yungas (B.); Yungas and Yuracares (O.).

70. CALLISTE SCHRANKI (d'Orb. & Lafr.).

Aglaia schranki, d'Orb. & Lafr. Syn. Av. i. p. 270; d'Orb. Voy. Ois. p. 270, t. xxiv. f. i.

Territory of the Yuracares Indians (O.); Nairapi, Tilotilo, Prov. Yungas (B.).

71. CALLISTE PUNCTULATA, Scl. & Salv. P. Z. S. 1876, p. 353.

Tilotilo, Prov. Yungas (B.).

72. CALLISTE PULCHRA (Tsch.).

Tilotilo, Prov. Yungas (B.).

73. *CALLISTE GYROLOIDES* (Lafr.).*Aglaia gyrola*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra gyrola*, d'Orb. Voy. Ois. p. 272.*Calliste gyroloides*, Scl. P. Z. S. 1856, p. 255.

Territory of the Yuracares and Guarayos Indians (O.).

74. *CALLISTE BOLIVIANA*, Bp.*Aglaia mexicana*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra flaviventris*, d'Orb. Voy. Ois. p. 271.*Calliste boliviana*, Scl. P. Z. S. 1856, p. 258.

Territory of the Yuracares and Guarayos Indians (O.).

75. *CALLISTE ATROCÆRULEA* (Tsch.).

Nairapi, Tilotilo, Prov. Yungas (B.).

76. *CALLISTE FULVICERVIX*, Scl. & Salv. P. Z. S. 1876, p. 354, pl. xxx. fig. 1.

Tilotilo, Prov. Yungas (B.).

77. *CALLISTE ARGYROPHENGES*, Scl. & Salv. P. Z. S. 1876, p. 354, pl. xxx. fig. 2.

Tilotilo, Prov. Yungas (B.).

78. *CALLISTE NIGRICINCTA* (Bp.).

Mapiri, Prov. Yungas (B.).

79. *CALLISTE CYANEICOLLIS* (d'Orb. & Lafr.).*Aglaia cyaneicollis*, d'Orb. & Lafr. Syn. Av. i. p. 33.*Tanagra cyaneicollis*, d'Orb. Voy. Ois. p. 271, t. xxv. f. 1.

Territory of the Yuracares Indians (O.); Ramosani, Tilotilo, Prov. Yungas (B.).

80. *CALLISTE CYANOTIS*, Scl.*Calliste cyanotis*, Scl. P. Z. S. 1858, p. 294, et Ibis, 1876, p. 408, pl. xii. fig. 2.

Tilotilo, Prov. Yungas (B.).

81. *CALLISTE XANTHOCEPHALA* (Tsch.).*Calliste lamprotis*, Scl. Contr. Orn. 1851, p. 65.*Calliste xanthocephala*, Scl. P. Z. S. 1856, p. 264.

Juanani, Tilotilo, Prov. Yungas (B.).

C. lamprotis was established on a Bolivian example of this species in the British Museum obtained by Mr. Bridges. Subsequent researches showed it to be the same as *C. xanthocephala* (Tsch.).82. *IRIDORNIS JELSKII*, Cab. J. f. Orn. 1873, p. 316; Tacz. P. Z. S. 1874, p. 514.

Tilotilo, Prov. Yungas (O.).

83. *PÆCILOTHRAUPIS IGNIVENTRIS* (d'Orb. & Lafr.).*Aglaia igniventris*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra igniventris*, d'Orb. Voy. Ois. p. 275, t. xxv. f. 2.

Prov. Apolobamba (O.); Tilotilo, Prov. Yungas (B.).

84. *BUTHRAUPIS MONTANA* (d'Orb. & Lafr.).*Aglaia montana*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra montana*, d'Orb. Voy. Ois. p. 275, t. xxiii. f. 1.

Carcuata, Prov. Yungas (O.); Ramosani, Tilotilo, Prov. Yungas (B.).

85. *COMPSOCOMA FLAVINUCHA* (d'Orb. & Lafr.).*Tachyphonus flavinucha*, d'Orb. & Lafr. Syn. Av. i. p. 29; d'Orb. Voy. Ois. p. 279, t. xxi. f. 1.

Chupé, Irupana, Suri, Prov. Yungas (O.); Simacu, Tilotilo, Prov. Yungas (B.).

86. *TANAGRA PALMARUM*, Max.*Aglaia olivascens*, d'Orb. & Lafr. Syn. Av. i. p. 33.*Tanagra olivascens*, d'Orb. Voy. Ois. p. 274.*Tanagra palmarum*, Scl. Cat. Am. B. p. 76.

Cangalli, Prov. Yungas (B.).

Prov. Santa Cruz de la Sierra and Territory of the Yuracares and Guarayos Indians (O.).

87. *TANAGRA SAYACA*, Linn.*Tanagra sayaca*, Linn. S. N. i. p. 316.*Aglaia episcopus*, d'Orb. & Lafr. Syn. Av. i. p. 33.*Tanagra episcopus*, d'Orb. Voy. Ois. p. 274, t. xxii. f. 3.*Thraupis sayaca*, Cab. Mus. Hein. i. p. 28.

Cochabamba, Valle Grande, Yungas (O.); Sorata, Prov. Yungas (B.).

88. *TANAGRA DARWINI*, Bp.; Scl. Cat. A. B. p. 76.

Sorata, Tilotilo, Prov. Yungas (B.).

89. *TANAGRA STRIATA* (Gm.).*Aglaia striata*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra striata*, d'Orb. Voy. Ois. p. 273, t. lxii. f. 3.

La Paz (O.); Cinti (B.).

90. *TANAGRA CYANOCEPHALA* (d'Orb. & Lafr.).*Aglaia cyanocephala*, d'Orb. & Lafr. Syn. Av. i. p. 32.*Tanagra maximiliani*, d'Orb. Voy. Ois. p. 276, t. xxiii. f. 2.

Cochabamba, Inquisivi, Prov. Sicasica (O.); Ramosani, Tilotilo, Prov. Yungas (B.).

91. *RHAMPHOCÆLUS ATROSERICEUS*, d'Orb. & Lafr. Syn. Av. i.

p. 34 ; d'Orb. Voy. Ois. p. 280, t. xxvi. f. i. ; Scl. Cat. Am. B. p. 79.

Chupé, Prov. Yungas ; Prov. Moxos and Chiquitos, and Territory of the Yuracares and Guarayos Indians (O.). Ramosani, Prov. Yungas (B.).

92. *PYRANGA RUBRA* (Linn.).

Pillon, Prov. Yungas (B.).

93. *PYRANGA AZARÆ* (d'Orb.).

Pyranga mississipensis, d'Orb. & Lafr. Syn. Av. i. p. 33.

Pyranga azaræ, d'Orb. Voy. Ois. p. 264.

Prov. Chiquitos, Yungas, Valle Grande (O.) ; Cangalli, Cinti (B.).

This Bolivian form is very closely allied to our *P. testacea* of Central America, but brighter beneath, and is quite distinct from *P. saira* of Brazil.

94. *PHÆNICOTHRUPIS RUBICA* (d'Orb. & Lafr.).

Saltator rubicus, d'Orb. & Lafr. Syn. Av. i. p. 36.

Pyranga rubica, d'Orb. Voy. Ois. p. 265.

Territory of the Yuracares and Guarayos Indians (O.).

95. *LANIO VERSICOLOR* (d'Orb. & Lafr.).

Tachyphonus versicolor, d'Orb. & Lafr. Syn. Av. i. p. 28.

Pyranga versicolor, d'Orb. Voy. Ois. p. 262, t. xix. f. 1.

Territory of the Yuracares Indians (O.).

96. *MALACOTHRUPIS DENTATA*, Scl. & Salv. P. Z. S. 1876, p. 354.

Tilotilo (B.).

97. *EUCOMETIS ALBICOLLIS* (d'Orb. & Lafr.).

Pyranga albicollis, d'Orb. & Lafr. Syn. Av. i. p. 33 ; d'Orb. Voy. Ois. p. 265, t. xxvi. f. 2.

Eucometis albicollis, Scl. Cat. Am. B. p. 84.

Mission de Santa Ana, Prov. Chiquitos (O.).

98. *TACHYPHONUS LUCTUOSUS*, d'Orb. & Lafr. Syn. Av. i. p. 29.

Pyranga luctuosa, d'Orb. Voy. Ois. p. 263, t. xx. f. 12 ; Scl. Cat. Ann. B. p. 85.

Territory of the Yuracares and Guarayos Indians (O.).

99. *TACHYPHONUS RUFIVENTRIS* (Spix).

Nairapi, Prov. Yungas (B.).

100. *CYPSNAGRA RUFICOLLIS* (Licht.).

Tachyphonus ruficollis, d'Orb. & Lafr. Syn. Av. i. p. 29 ; d'Orb. Voy. Ois. p. 277.

Missions de Concepcion and de Santiago, Prov. Chiquitos (O.).

101. *NEMOSIA PILEATA* (Bodd.); d'Orb. & Lafr. Syn. Av. i. p. 28; d'Orb. Voy. Ois. p. 261.

San Miguel and San Jose, Prov. Chiquitos (O.).

102. *NEMOSIA GUIRA* (Linn.).

Nemosia nigricollis, d'Orb. & Lafr. Syn. Av. i. p. 27; d'Orb. Voy. Ois. p. 260.

Nemosia guirina, Scl. Cat. Am. B. p. 87.

Rio Tarnampaya, Prov. Yungas, San Xavier, Prov. Chiquitos, and Territory of the Yuracares and Guarayos Indians (O.); Caguarani, Prov. Yungas (B.).

103. *NEMOSIA FLAVICOLLIS* (Vieill.).

Simacu, Prov. Yungas (B.).

104. *NEMOSIA RUFICEPS* (d'Orb. & Lafr.).

Sylvia ruficeps, d'Orb. & Lafr. Syn. Av. i. p. 20.

Hylophilus ruficeps, d'Orb. Voy. Ois. p. 219, t. xiii. f. 1.

Palca, Prov. Ayupaya (O.); Sorata, Tilotilo, Prov. Yungas (B.). S. Baldomero, Bolivia (*Forbes* in Mus. P. L. S.).

105. *NEMOSIA SORDIDA*, d'Orb. & Lafr. Syn. Av. i. p. 28; d'Orb. Voy. Ois. p. 261, t. xviii. f. 2.

Territory of the Yuracares Indians (O.).

106. *CHLOROSPINGUS ALBITEMPORALIS* (Lafr.).

Sorata, Nairapi, Tilotilo, Prov. Yungas (B.).

107. *CHLOROSPINGUS FLAVIGULARIS*, Scl. Cat. Am. B. p. 89.

Simacu, Prov. Yungas (B.).

108. *CHLOROSPINGUS CALOPHRYS*, Scl. & Salv. P. Z. S. 1876, p. 354.

Tilotilo, Prov. Yungas (B.).

109. *CHLOROSPINGUS CASTANEICOLLIS*, Scl. P. Z. S. 1858, p. 293.

Ramosani, Tilotilo, Prov. Yungas (B.).

110. *MICROSPINGUS TRIFASCIATUS*, Tacz. P. Z. S. 1874, p. 132 et p. 517.

Tilotilo, Prov. Yungas (B.).

111. *BUARREMON TORQUATUS* (d'Orb. & Lafr.).

Embernagra torquata, d'Orb. & Lafr. Syn. Av. i. p. 34.

Arremon affinis, d'Orb. Voy. Ois. p. 282, t. xxvii. f. 1.

Carcuata, Prov. Yungas (O.); Ramosani, Tilotilo, Prov. Yungas (B.).

112. BUARREMON MELANOPS, Scl. & Salv.

Buarremon rufinuchus, Scl. Cat. Am. B. p. 91 (nec d'Orb. & Lafr.).

Buarremon melanops, Scl. & Salv. P. Z. S. 1876, p. 253.

Simacu, Prov. Yungas (O.),

113. BUARREMON RUFINUCHA (d'Orb. & Lafr.).

Embernagra rufinucha, d'Orb. & Lafr. Syn. Av. i. p. 35.

Arremon rufinucha, d'Orb. Voy. Ois. p. 283, t. xxvii. f. 2.

Yanacaché and Carcuata, Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

114. BUARREMON FULVICEPS (d'Orb. & Lafr.).

Emberiza fulviceps, d'Orb. & Lafr. Syn. Av. i. p. 77; d'Orb. Voy. Ois. p. 363, t. xlv. f. 2.

Totora, Prov. Mizque (O.); Tilotilo, Prov. Yungas (B.).

This is a true *Buarremon*, allied to *B. semirufus*, but distinguished by its yellow throat and breast.

115. ARREMON ORBIGNII, Scl.

Embernagra silens, d'Orb. & Lafr. Syn. Av. i. p. 34.

Arremon silens, d'Orb. Voy. Ois. p. 281.

Arremon d'orbignii, Scl. P. Z. S. 1856, p. 81.

Prov. Yungas, Chiquitos, and Valle Grande (O.).

116. CISSOPIS MINOR, Tsch.

Saltator bicolor, d'Orb. & Lafr. Syn. Av. i. p. 36.

Bethylus picatus, d'Orb. Voy. Ois. p. 269.

Cochabamba and Territory of the Yuracares Indians (O.).

We have not yet seen Bolivian skins of this species, but suppose that the Bolivian would be the same as the Peruvian form.

117. PSITTOSPIZA ELEGANS (Tsch.).

Psittospiza elegans, Tacz. P. Z. S. 1874, p. 519.

Tilotilo, Prov. Yungas (B.).

118. SALTATOR MAGNUS (Gm.).

Mirkimarca, Tilotilo, Prov. Yungas (B.).

119. SALTATOR CÆRULESCENS, Vieill.; d'Orb. & Lafr. Syn. Av. i. p. 35; d'Orb. Voy. Ois. p. 287, t. xxviii. f. 4, t. liv. f. 4.

Santa Cruz (O.).

120. SALTATOR RUFIVENTRIS, d'Orb. & Lafr. Syn. Av. i. p. 35; d'Orb. Voy. Ois. p. 289, t. xviii. f. 2.

Inquisivi, Prov. Sicasica; Palca, Prov. Ayupaya (O.).

121. SALTATOR LATICLAVIUS, Scl. & Salv. P. Z. S. 1869, p. 151.

Saltator aurantirostris, d'Orb. & Lafr. Syn. Av. i. p. 35; d'Orb. Voy. Ois. p. 288, t. xxviii. f. 3 (partim).

Sorata, Tilotilo, Prov. Yungas (B.).

122. *SALTATOR ATRICOLLIS* (Vieill.).*Saltator validus*, d'Orb. & Lafr. Syn. Av. i. p. 35.*Saltator atricollis*, d'Orb. Voy. Ois. p. 288.

Santa Ana, Prov. Chiquitos (O.).

123. *ORCHESTICUS ATER* (Gm.).*Saltator atra*, d'Orb. & Lafr. Syn. Av. i. p. 36.*Saltator melanopsis*, d'Orb. Voy. Ois. p. 291.

Ramosani, Prov. Yungas (B.).

Fam. FRINGILLIDÆ.

124. *PHEUCTICUS AUREIVENTRIS* (d'Orb. & Lafr.).*Pitylus aureoventris*, d'Orb. & Lafr. Syn. Av. i. p. 84 ; d'Orb. Voy. Ois. p. 365.*Pheucticus aureiventris*, Scl. Cat. Am. B. p. 99.

Prov. Yuncas, Ayupaya, Sicasica, Mizqué, Chuquisaca, Chiquitos (O.).

125. *GUIRACA CYANEA* (Linn.).*Pitylus cyaneus*, d'Orb. & Lafr. Syn. Av. i. p. 84.

Chiquitos (O.).

126. *ORYZOBORUS TORRIDUS* (Gm.).*Pytilus torridus*, d'Orb. & Lafr. Syn. Av. i. p. 85.

Prov. Chiquitos (O.).

127. *SPERMOPHILA HYPOXANTHA*, Cab.*Pyrrhula minuta*, d'Orb. & Lafr. Syn. Av. i. p. 87.*Spermophila hypoxantha*, Scl. Ibis, 1871, p. 3.

Chiquitos (O.).

128. *SPERMOPHILA NIGRORUFA* (d'Orb. et Lafr.).*Pyrrhula nigrorufa*, d'Orb. & Lafr. Syn. Av. i. p. 88.*Spermophila nigrorufa*, Scl. Ibis, 1871, p. 6.

Chiquitos (O.).

129. *SPERMOPHILA COLLARIA* (Linn.).*Pyrrhula melanocephala*, d'Orb. & Lafr. Syn. Av. i. p. 85.*Spermophila collaria*, Scl. Ibis, 1871, p. 9.

Prov. Moxos, Territory of the Guarayos Indians (O.).

130. *SPERMOPHILA CÆRULESCENS* (Vieill.).*Pyrrhula ornata*, d'Orb. & Lafr. Syn. Av. i. p. 86.*Spermophila cærulescens*, Scl. Ibis, 1871, p. 12.

Simacu, Prov. Yungas (B.) ; Prov. Yungas (O.).

131. *SPERMOPHILA LINEOLA* (Linn.).*Pyrrhula lineola*, d'Orb. & Lafr. Syn. Av. i. p. 86.*Spermophila lineola*, Scl. Ibis, 1871, p. 13.

Chiquitos, Guarayos (O.).

132. SPERMOPHILA LUCTUOSA (Lafr.),
Spermophila luctuosa, Scl. Ibis, 1871, p. 15.
Simacu, Prov. Yungas (B.).

133. SPERMOPHILA BICOLOR (d'Orb. & Lafr.).
Pyrrhula bicolor, d'Orb. & Lafr. Syn. Av. i. p. 86.
Spermophila bicolor, Scl. Cat. Am. B. p. 103, et Ibis, 1871,
p. 17.
Moxos (O.).

134. SPERMOPHILA PLUMBEA (Max.).
Pyrrhula cinerea, d'Orb. & Lafr. Syn. Av. i. p. 87.
Spermophila plumbea, Scl. Ibis, 1871, p. 19.
Chiquitos (O.).

135. VOLATINIA JACARINA (Linn.).
Emberiza jacarini, d'Orb. & Lafr. Syn. Av. i. p. 81.
Santa Cruz de la Sierra (O.); Consata, Tilotilo, Prov. Yungas (B.).

136. PAROARIA CERVICALIS, Scl. Cat. Am. B. p. 108.
The type of this species remains unique in Sclater's collection.
It was obtained, along with a lot of other birds mostly, if not all,
from Bolivia, of a London dealer in 1853.

137. CORYPHOSPINGUS CRISTATUS (Gm.).
Emberiza araguira, d'Orb. & Lafr. Syn. Av. i. p. 81.
Coryphospingus cristatus, Scl. Cat. Am. B. p. 109.
Tilotilo, Prov. Yungas (B.); Prov. Yungas, Chiquitos (O.).

138. CORYPHOSPINGUS GRISEO-CRISTATUS (d'Orb. & Lafr.).
Emberiza griseo-cristata, d'Orb. & Lafr. Syn. Av. i. p. 79;
d'Orb. Voy. Ois. p. 363, t. xlvii. f. 1.
Coryphospingus griseocristatus, Scl. Cat. Am. B. p. 109.
Cochabamba, Mizqué, Valle Grande (O.); Tilotilo, Prov. Yungas
(B.).

139. POOSPIZA TORQUATA (d'Orb. & Lafr.).
Emberiza torquata, d'Orb. & Lafr. Syn. Av. i. p. 82.
Poospiza torquata, Scl. Cat. Am. B. p. 110.
Sicasica (O.); Tilotilo, Prov. Yungas (B.).

140. POOSPIZA HYPOCHONDRIACA (d'Orb. & Lafr.).
Emberiza hypochondriaca, d'Orb. & Lafr. Syn. Av. i. p. 80;
d'Orb. Voy. Ois. p. 361, t. xlv. f. 1.
Tilotilo, Prov. Yungas (B.). Inquisivi, Prov. Sicasica, Palca,
Prov. Ayupaya (O.).

141. POOSPIZA MELANOLEUCA (Vieill.).
Emberiza melanoleuca, d'Orb. & Lafr. Syn. Av. i. p. 82.
Chiquitos (O.).

142. *PHRYGILUS CANICEPS*, Burm.*Emberiza gayi* (stirps major), d'Orb. & Lafr. Syn. Av. i. p. 75.*Phrygilus caniceps*, Scl. & Salv. Ibis, 1878, p. 393.

La Paz (O.); Tilotilo (B.).

143. *PHRYGILUS ATRICEPS* (d'Orb. & Lafr.).*Emberiza atriceps*, d'Orb. & Lafr. Syn. Av. i. p. 76; d'Orb. Voy. Ois. p. 363, t. xlvii. f. 2.

Oruro and Potosi (O.).

144. *PHRYGILUS UNICOLOR* (d'Orb. & Lafr.).*Emberiza unicolor*, d'Orb. & Lafr. Syn. Av. i. p. 79.*Phrygilus unicolor*, Scl. Cat. Am. B. p. 111.*Emberiza guttata*, d'Orb. & Lafr. Syn. Av. i. p. 78 (♀).

Pampa de Oruro and Sicasica (O.).

Mus. P. L. S. ex Bolivia (Bridges et D. Forbes).

145. *PHRYGILUS FRUTICETI* (Kittl.).*Emberiza luctuosa*, d'Orb. & Lafr. Syn. Av. i. p. 80.*Phrygelus fruticeti*, Scl. Cat. Am. B. p. 111.

La Paz (O.); Tilotilo, Prov. Yungas (B.).

146. *DIUCA SPECULIFERA* (d'Orb. & Lafr.).*Emberiza speculifera*, d'Orb. & Lafr. Syn. Av. i. p. 78; d'Orb. Voy. Ois. p. 362, t. xlvi. f. 1.*Diuca speculifera*, Scl. Cat. Am. B. p. 111.

Prov. Yungas, and Palca, Prov. Ayupaya (O.).

147. *CATAMENIA ANALIS* (d'Orb. & Lafr.).*Linaria analis*, d'Orb. & Lafr. Syn. Av. i. p. 83; d'Orb. Voy. Ois. p. 364, t. xlviii. f. 1.*Catamenia analis*, Scl. Cat. Am. B. p. 105.

Sorato, Prov. Yungas (B.); La Paz, Inquisivi, Cochabamba, Totora and Chuquisaca (O.).

148. *ZONOTRICHIA PILEATA* (Bodd.).*Emberiza matutina*, d'Orb. & Lafr. Syn. Av. i. p. 80.*Zonotrichia pileata*, Scl. Cat. A. B. p. 113.

Bolivia (O.); Sorata, Nairapi, Prov. Yungas (B.).

149. *COTURNICULUS PERUANUS*, Bp.*Emberiza mainimbe*, d'Orb. & Lafr. Syn. Av. i. p. 77.*Coturniculus peruanus*, Scl. Cat. Am. B. p. 117.

Santa Cruz (O.).

150. *EMBERNAGRA OLIVASCENS*, d'Orb. Voy. Ois. p. 285.

Inquisivi, Prov. Sicasica, Palca, Prov. Ayupaya, Cochabamba (O); Tilotilo, Prov. Yungas (B.).

151. *EMBERIZOIDES SPHENURUS* (Vieill.); *Scl. Cat. Am. B.* p. 118.

An example of this species in Sclater's collection, obtained through Cuming in 1854, is believed to have been collected in Bolivia by Bridges.

152. *CHRYSOMITRIS MAGELLANICA* (Vieill.).

Carduelis magellanicus, d'Orb. & Lafr. *Syn. Av. i.* p. 83.

Chrysomitris barbata, *Scl. Cat. Am. B.* p. 125.

Prov. Chiquitos, (O.).

153. *CHRYSOMITRIS ATRATA* (d'Orb. & Lafr.).

Carduelis atratus, d'Orb. & Lafr. *Syn. Av. i.* p. 83; d'Orb. *Voy. Ois.* p. 364, t. xlviii. f. 2.

Chrysomitris atrata, *Scl. Cat. Am. B.* p. 125.

La Paz (O.).

Mus. P. L. S. ex Bolivia (*Bridges*).

154. *CHRYSOMITRIS XANTHOGASTRA* (Du Bus).

Chrysomitris xanthogastra, *Scl. & Salv. P. Z. S.* 1870, p. 785.

Sorata, Nairapi, Prov. Yungas (B.).

Bolivia (*Forbes* in Mus. P. L. S.).

155. *SYCALIS FLAVEOLA* (Linn.).

Emberiza brasiliensis, d'Orb. & Lafr. *Syn. Av. i.* p. 73.

Sycalis flaveola, *Scl. Ibis*, 1872, p. 41.

Santa Cruz de la Sierra (O.).

156. *SYCALIS LUTEOLA* (Sparrm.).

Sycalis luteola, *Scl. Ibis*, 1872, p. 44.

Tilotilo, Prov. Yungas (B.).

157. *SYCALIS LUTEA* (d'Orb. & Lafr.).

Emberiza lutea, d'Orb. & Lafr. *Syn. Av. i.* p. 74.

Sycalis lutea, *Scl. Ibis*, 1872, p. 46, pl. ii. fig. 2.

Crithagra chloropsis, *Bp. Consp. i.* p. 46.

Andes of Bolivia (O.).

Prince Bonaparte's *Crithagra chloropsis* was founded on Bolivian specimens of this species obtained by Pentland.

158. *SYCALIS LUTEOCEPHALA* (d'Orb. & Lafr.).

Emberiza luteocephala, d'Orb. & Lafr. *Syn. Av. i.* p. 74; d'Orb. *Voy. Ois.* p. 360, t. xlv. f. 2.

Sycalis luteocephala, *Scl. Ibis*, 1872, p. 46.

Cochabamba, Valle Grande, Chuquisaca (O.).

Fam. ICTERIDÆ.

159. OSTINOPS YURACARIUM (d'Orb. & Lafr.).

Cassicus yuracares, d'Orb. & Lafr. Syn. Av. ii. p. 2; d'Orb. Voy. Ois. p. 365, t. li. f. 1.

Territory of the Yuracares Indians, Prov. Cochabamba (O.).

160. OSTINOPS CRISTATUS (Gm.).

Cassicus cristatus, d'Orb. & Lafr. Syn. Av. ii. p. 2.

Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

161. OSTINOPS ATROVIRENS (d'Orb. & Lafr.).

Cassicus atrovirens, d'Orb. & Lafr. Syn. Av. ii. p. 1; d'Orb. Voy. Ois. p. 366, t. li. f. 2.

Yanacaché, Chulumani, Irupana, Cajuata, Prov. Yungas (O.); Simacu, Tilotilo, Prov. Yungas (B.).

162. CASSICUS PERSICUS (Linn.).

Cassicus icteronotus, d'Orb. & Lafr. Syn. Av. ii. p. 3.

Cassiculus flavicrissus, Scl. Cat. Am. B. p. 129 (partim).

Prov. Chiquitos (O.); Mapiri, Prov. Yungas (B.).

163. CASSICUS CHRYSONOTUS, d'Orb. & Lafr. Syn. Av. ii. p. 3; d'Orb. Voy. Ois. p. 367, t. lii. f. 1.

Ramosani, Tilotilo, Prov. Yungas (B.); Charapaccé, Prov. Yungas, Morochata, Prov. Ayupaya (O.).

164. CASSICUS SOLITARIUS (Vieill.); d'Orb. & Lafr. Syn. Av. ii. p. 3; Scl. Cat. Am. B. p. 130.

Territory of the Yuracares Indians (O.).

165. ICTERUS PYRRHOPTERUS (Vieill.); Scl. Cat. Am. B. p. 131.

Tilotilo, Prov. Yungas (B.).

Obtained by d'Orbigny at Corrientes.

166. ICTERUS CROCONOTUS, Wagl.; Scl. Cat. Am. B. p. 133.

Icterus jamaicensis, d'Orb. & Lafr. Syn. Av. ii. p. 6.

Santa Cruz (O.).

167. MOLOTHRUS BADIUS (Vieill.).

Icterus badius, d'Orb. & Lafr. Syn. Av. ii. p. 7.

Cochabamba, Sicasica (O.); Tilotilo, Prov. Yungas (B.).

168. LEISTES SUPERCILIARIS, Bp.

Icterus militaris, d'Orb. & Lafr. Syn. Av. ii. p. 4.

Leistes superciliaris, Scl. Cat. Am. B. p. 138.

Santa Cruz, Chiquitos (O.).

Fam. CORVIDÆ.

169. CYANOCITTA VIRIDICYANEA (d'Orb. & Lafr.).

Garrulus viridicyaneus, d'Orb. & Lafr. Syn. Av. ii. p. 9; d'Orb. Voy. Ois. p. 368, t. liii. f. 1.

Cajapi, La Paz (O.); Ramosani, Tilotilo, Prov. Yungas (B.).

170. CYANOCORAX INCAS (Bodd.).

Garrulus peruvianus, d'Orb. & Lafr. Syn. Av. ii. p. 9.

Xanthura incas, Scl. Ibis, 1879, p. 89.

Apolobamba (O.); Tilotilo, Prov. Yungas (B.).

171. CYANOCORAX CHRYSOPS (Vieill.).

Garrulus chrysops, d'Orb. & Lafr. Syn. Av. ii. p. 9.

Cyanocorax chrysops, Sharpe, Cat. B. iii. p. 120.

Prov. Chiquitos (O.); Cinti (B.).

172. CYANOCORAX CYANOMELAS (Vieill.).

Pica cyanomelas, Vieill. (ex Azara).

Garrulus cyanomelas, d'Orb. & Lafr. Syn. Av. ii. p. 9.

Cyanocorax nigriceps, Scl. & Salv. P. Z. S. 1876, p. 354.

Cyanocorax chilensis, Sharpe, Cat. B. iv. p. 125.

Tilotilo, Prov. Yungas (B.).

Since we have distinguished the Bolivian form of this species as *C. nigriceps* we have had an opportunity of examining a skin from Corrientes, which, there can be no doubt, is identical with the Paraguayan form (i. e. *cyanomelas*, Vieill. ex Azara). The result is that the Bolivian bird, if not precisely similar to the Corrientes form, is much too near to be separated from it, and that the S. Brazilian form (*C. cyanomelas*, Sharpe), will require a new name, if it is to be kept distinct.

It is possible that Bonaparte's *Psilorhynchus chilensis* may, as Mr. Sharpe conjectured, have been based on an example of this species; but this name ought not to have been adopted, for two reasons: (1) the diagnosis is altogether insufficient; (2) the locality implied in the name is erroneous.

Fam. TYRANNIDÆ.

173. AGRIORNIS LIVIDA (Kittl.).

Pepoaza gutturalis, d'Orb. & Lafr. Syn. Av. i. p. 351.

Pepoaza andecola, d'Orb. Voy. Ois. p. 351.

Agriornis livida, Scl. Cat. Am. B. p. 196.

Plateau of the Andes (O.).

174. AGRIORNIS MARITIMA (d'Orb. & Lafr.).

Pepoaza maritima, d'Orb. & Lafr. Syn. Av. i. p. 65; d'Orb. Voy. Ois. p. 353.

Cobija and desert of Atacama (O.).

175. *AGRIORNIS INSOLENS*, Scl. et Salv. P. Z. S. 1869, p. 153.
Sorata, Prov. Yungas (B.).

176. *MYIOTHERETES STRIATICOLLIS*, Scl.

Tyrannus rufiventris, d'Orb. & Lafr. Syn. Av. i. p. 45; d'Orb. Voy. Ois. p. 312, t. xxxii. f. 3, 4.

Tænioptera striaticollis, Scl. P. Z. S. 1851, p. 193, pl. xlii.

Myiotheretes striaticollis, Scl. Cat. A. B. p. 197.

Sorata, Tilotilo, Prov. Yungas (B.); Rio Miguella, Prov. Yungas, (O.).

177. *TÆNIOPTERA NENGETA* (Linn.).

Pepoaza polyglotta, d'Orb. & Lafr. Syn. Av. i. p. 62; d'Orb. Voy. Ois. p. 346, t. xxxix. f. 4.

Tænioptera nengeta, Scl. Cat. A. B. p. 197.

Prov. Chiquitos (O.).

178. *TÆNIOPTERA VELATA* (d'Orb. & Lafr.).

Pepoaza velata, d'Orb. & Lafr. Syn. Av. i. p. 62; d'Orb. Voy. Ois. p. 347.

Tænioptera velata, Scl. Cat. Am. B. p. 197.

Environs of Santa Cruz de la Sierra (O.).

179. *TÆNIOPTERA IRUPERO* (Vieill.).

Pepoaza nivea, d'Orb. & Lafr. Syn. Av. i. p. 62.

Pepoaza irupero, d'Orb. Voy. Ois. p. 348.

Tænioptera irupero, Scl. Cat. Am. B. p. 198.

Prov. Chiquitos (O.).

180. *OCHTHODIÆTA FUSCO-RUFUS*, Scl. & Salv. P. Z. S. 1876, p. 354.

Tilotilo, Prov. Yungas (B.).

181. *OCHTHÆCA CENANTHOIDES* (d'Orb. & Lafr.).

Fluvicola cenanthoides, d'Orb. & Lafr. Syn. Av. i. p. 60; d'Orb. Voy. Ois. p. 344, t. xxxiii. f. 2.

Valley of La Paz (O.); Mapiri, Prov. Yungas (B.).

182. *OCHTHÆCA LEUCOPHRYS* (d'Orb. & Lafr.).

Fluvicola leucophrys, d'Orb. & Lafr. Syn. Av. i. p. 60; d'Orb. Voy. Ois. p. 345, t. xxxvii. f. 1.

La Paz and Inquisivi, Prov. Sicasica (O.); Tilotilo, Prov. Yungas (B.).

183. *OCHTHÆCA PULCHELLA*, Scl. & Salv. P. Z. S. 1876, p. 355

Tilotilo, Prov. Yungas (B.).

184. *OCHTHÆCA RUFIPECTORALIS* (d'Orb. & Lafr.).

Fluvicola rufipectoralis, d'Orb. & Lafr. Syn. Av. i. p. 60 ; d'Orb. Voy. Ois. p. 345, t. xxxvii. f. 2.

Palca, Prov. Ayupaya (O.) ; Ramosani, Tilotilo, Prov. Yungas (B.).

185. *OCHTHÆCA THORACICA*, Tacz. P. Z. S. 1864, p. 133.

Tilotilo, Prov. Yungas (B.).

186. *OCHTHÆCA SETOPHAGOIDES* (Bp.).

Muscicapa leucophrys, d'Orb. & Lafr. Syn. Av. i. p. 53.

Muscicapara leucophrys, d'Orb. Voy. p. 327.

Bolivia (O.) ; Tilotilo, Prov. Yungas (B.).

The typical specimen of *Muscicapa leucophrys*, d'Orb. & Lafr., at Paris, belongs to this species ; but there being already a species of the genus of the same name (also named by d'Orb. & Lafr.) we retain Bonaparte's later appellation.

187. *FLUVICOLA ALBIVENTRIS* (Spix).

Fluvicola bicolor, d'Orb. & Lafr. Syn. Av. i. p. 58 ; d'Orb. Voy. Ois. p. 343, t. lvii. f. 2.

Fluvicola albiventris, Scl. Cat. Am. B. p. 200.

Prov. Chiquitos (O.).

188. *ARUNDINICOLA LEUCOCEPHALA* (Linn.).

Alectrurus leucocephalus, d'Orb. & Lafr. Syn. Av. i. p. 54.

Arundinicola leucocephala, d'Orb. Voy. Ois. p. 334.

Provinces of Moxos and Chiquitos (O.).

189. *ALECTORURUS TRICOLOR* (Vieill.).

Alectrurus tricolor, d'Orb. & Lafr. Syn. Av. i. p. 54 ; d'Orb. Voy. Ois. p. 341.

Guarayos, Prov. Moxos (O.).

190. *CYBERNETES YETAPA* (Vieill.).

Gubernetes yperu, d'Orb. & Lafr. Syn. Av. i. p. 58.

Alectrurus yetapa, d'Orb. Voy. Ois. p. 342.

Prov. Chiquitos (O.).

191. *SISOPYGIS ICTEROPHRYS* (Vieill.).

Fluvicola icterophrys, d'Orb. & Lafr. Syn. Av. i. p. 59.

Suiriri icterophrys, d'Orb. Voy. Ois. p. 338, t. xlv. f. 3.

Sisopygis icterophrys, Scl. Cat. A. B. p. 202.

Provinces of Chuquisaca and Sicasica (O.).

192. *CNIPOLEGUS ATERRIMUS* (d'Orb.).

Fluvicola nigerrima, d'Orb. & Lafr. Syn. Av. i. p. 59.

Ada nigerrima, d'Orb. Voy. Ois. p. 340.

Onipolegus aterrimus, Scl. Cat. Am. B. p. 202.

Provinces of Yungas, Ayupaya, Cochabamba, Chuquisaca (O.); Sorata, Tilotilo, Prov. Yungas (B.).

193. *LICHENOPS PERSPICILLATA* (Gm.).

Fluvicola perspicillata, d'Orb. & Lafr. Syn. Av. i. p. 58.

Ada perspicillata, d'Orb. Voy. Ois. p. 339.

Lichenops perspicillata, Scl. Cat. Am. B. p. 203.

Prov. Chiquitos (O.).

194. *MACHETORNIS RIXOSA* (Vieill.).

Pepoaza rixosa, d'Orb. & Lafr. Syn. Av. i. p. 62; d'Orb. Voy. Ois. p. 350, t. li. f. 4 (egg).

Machetornis rixosa, Scl. Cat. Am. B. p. 204.

Provinces of Santa Cruz de la Sierra, Chiquitos, and Moxos (O.).

195. *MUSCISAXICOLA RUFIVERTEX*, d'Orb. & Lafr., Syn. Av. i. p. 66; d'Orb. Voy. Ois. p. 354, t. xli. f. 2; Scl. Cat. Am. B. p. 205.

Plateau of the Andes, La Paz, and Cobija (O.).

196. *MUSCISAXICOLA MENTALIS*, d'Orb. & Lafr. Syn. Av. i. p. 66; d'Orb. Voy. Ois. p. 355, t. xli. f. 1.

Cobija, West coast of Bolivia (O.).

197. *MUSCISAXICOLA MACULIROSTRIS*, d'Orb. & Lafr. Syn. Av. i. p. 66; d'Orb. Voy. Ois. p. 356, t. xli. f. 2.

La Paz (O.); Tilotilo, Prov. Yungas (B.).

198. *CENTRITES OREAS*, Scl. & Salv. P. Z. S. 1869, p. 154, et Ex. Orn. p. 191, t. xcvi.; Allen, Bull. Mus. Comp. Zool. iii. p. 354.

Anthus fulvus, d'Orb. Voy. Ois. p. 223 (partim).

Quite common on the shores of Lake Titicaca (Garman).

199. *TODIROSTRUM CINEREUM* (Linn.); d'Orb. & Lafr. Syn. Av. i. p. 46; d'Orb. Voy. Ois. p. 315.

Mission de la Concepcion, Prov. Moxos (O.).

200. *EUSCARTHUS GULARIS* (Temm.).

Todirostrum gulare, d'Orb. & Lafr. Syn. Av. i. p. 46; d'Orb. Voy. Ois. p. 315.

Carcuata, Prov. Yungas, Santo Corazon, Prov. Chiquitos (O.). Simacu, Prov. Yungas (B.).

201. *EUSCARTHUS MARGARITACEIVENTRIS* (d'Orb. & Lafr.).

Todirostrum margaritaceiventris, d'Orb. & Lafr. Syn. Av. i. p. 46; d'Orb. Voy. Ois. p. 316, t. xxxiii. f. 3, 4.

Euscarthus margaritaceiventris, Scl. & Salv. Nomencl. p. 45.

Santa Corazon, Prov. Chiquitos (O.).

202. ORCHILUS ECAUDATUS (d'Orb. & Lafr.).

Todirostrum ecaudatum, d'Orb. & Lafr. Syn. Av. i. p. 47; d'Orb. Voy. Ois. p. 316, t. xxxiii. f. 1, 2.

Orchilus ecaudatus, Scl. & Salv. P. Z. S. 1868, p. 631.

Territory of the Yuracares Indians (O.).

203. STIGMATURA BUDYTOIDES (d'Orb. & Lafr.).

Culicivora budytoides, d'Orb. & Lafr. Syn. Av. i. p. 56.

Setophaga budytoides, d'Orb. Voy. Ois. p. 330.

Stigmatura budytoides, Scl. & Salv. P. Z. S. 1866, p. 188.

Valley of Chaluani, Prov. Mizqué (O.).

204. SERPHOPHAGA SUBCRISTATA (Vieill.).

Muscicapa cristata, d'Orb. & Lafr. Syn. Av. i. p. 52.

Muscicapara subcristata, d'Orb. Voy. Ois. p. 326.

Serphophaga subcristata, Scl. & Salv. Nomencl. p. 47.

Prov. Chiquitos (O.); Tilotilo, Prov. Yungas (B.).

205. SERPHOPHAGA CINEREA (Strickl.).

Serphophaga cinerea, Scl. Cat. A. B. p. 211.

Baganti, Prov. Yungas (B.).

206. ANÆRETES PARULUS (Kittl.).

Culicivora parulus, d'Orb. & Lafr. Syn. Av. i. p. 57; d'Orb. Voy. Ois. p. 332 (Chili).

Yuyo, Prov. Yungas (B.).

207. ANÆRETES FLAVIROSTRIS, Scl. & Salv. P. Z. S. 187 p. 355.

Tilotilo, Prov. Yungas (B.).

208. MIONECTES OLEAGINEUS (Licht.).

Muscicapa chloronota, d'Orb. & Lafr. Syn. Av. i. p. 51.

Muscicapara oleaginea, d'Orb. Voy. Ois. p. 323.

Mionectes oleagineus, Scl. Cat. Am. B. p. 213.

Territory of the Yuracares Indians (O.).

209. MIONECTES STRIATICOLLIS (d'Orb. & Lafr.).

Muscicapa striaticollis, d'Orb. & Lafr. Syn. Av. i. p. 51.

Muscicapara striaticollis, d'Orb. Voy. Ois. p. 323. t. xxxv. f. 2.

Prov. Yungas and Territory of the Yuracares Indians (O.); Tilotilo, Prov. Yungas (B.).

210. LEPTOPOGON SUPERCILIARIS (Cab.).

Leptopogon superciliaris, Scl. Cat. A. B. p. 214.

Carguarani, Prov. Yungas (B.).

211. LEPTOPOGON TRISTIS, Scl. & Salv. P. Z. S. 1876, p. 254.

Simacu, Prov. Yungas (B.).

212. *TYRANNISCUS GRACILIPES*, Scl. & Salv. P. Z. S. 1867, p. 981.

Simacu, Prov. Yungas (*B.*).

213. *TYRANNISCUS VIRIDISSIMUS*, Scl. P. Z. S. 1873, p. 782.

Tilotilo, Prov. Yungas (*B.*).

214. *ELAINEA ALBICEPS* (d'Orb. & Lafr.).

Muscipeta albiceps, d'Orb. & Lafr. Syn. Av. i. p. 47; d'Orb. Voy. Ois. p. 319.

Elainea albiceps, Scl. P. Z. S. 1870, p. 834.

Prov. Yungas. (*O.*).

215. *ELAINEA ELEGANS*, Pelz. Orn. Bras. p. 179; Scl. P. Z. S. 1870, p. 835.

Simacu, Prov. Yungas (*B.*).

216. *EMPIDAGRA SUIRIRI* (Vieill.).

Muscicapa suiriri, d'Orb. & Lafr. Syn. Av. i. p. 51.

Suiriri suiriri, d'Orb. Voy. Ois. p. 336.

Pachyrhynchus albescens, Gould, Zool. Beagle, iii. p. 51, pl. xiv.

Empidagra suiriri, Cab. Mus. Hein. ii. p. 59.

Provinces of Moxos and Chiquitos (*O.*).

217. *LEGATUS ALBICOLLIS* (Vieill.).

Muscipeta albicollis, d'Orb. & Lafr. Syn. Av. i. p. 47; d'Orb. Voy. Ois. p. 317.

Rio de San Miguel, Territory of the Guarayos Indians (*O.*).

218. *MYIOZETETES SIMILIS* (Spix).

Muscipeta cayennensis, d'Orb. & Lafr. Syn. Av. i. p. 47; d'Orb. Voy. Ois. p. 317.

Myiozetetes similis, Scl. Cat. Am. B. p. 224.

Rio Blanco and Rio Itonama, Prov. Moxos (*O.*).

219. *ELAINEA OBSCURA* (d'Orb. & Lafr.).

Muscipeta obscura, d'Orb. & Lafr. Syn. Av. i. p. 48.

M. guillemini, d'Orb. Voy. Ois. p. 319.

Elainea obscura, Scl. P. Z. S. 1870, p. 835.

Prov. Yungas (*O.*); Tilotilo, Prov. Yungas (*B.*).

220. *PITANGUS BELLICOSUS* (Vieill.).

Tyrannus sulphuratus, d'Orb. & Lafr. Syn. Av. i. p. 42; d'Orb. Voy. Ois. p. 304, tt. xxxiv. f. 3, xlix. f. 3.

Pitangus bellicosus, Scl. Cat. Am. B. p. 222.

Provinces of Chiquitos, Cochabamba, Chuquisaca (*O.*).

221. MYIODYNASTES SOLITARIUS (Vieill.).

Tyrannus audax, d'Orb. & Lafr. Syn. Av. i. p. 43; d'Orb. Voy. Ois. p. 305.

Myiodynastes solitarius, Scl. Cat. Am. B. p. 223.

Santa Cruz de la Sierra and Chiquitos (O.).

222. MUSCIVORA SWAINSONI (Pelz.).

Muscipeta regia, d'Orb. Voy. Ois. p. 317.

Muscivora swainsoni, Scl. Cat. Am. B. p. 224.

Territory of the Yuracares Indians (O.).

223. HIRUNDINEA RUPESTRIS (Max.).

Hirundinea bellicosa, d'Orb. & Lafr. Syn. Av. i. p. 46; d'Orb. Voy. Ois. p. 314.

H. rupestris, Scl. Ibis, 1869, p. 196.

H. bellicosa, Reinh. Fuglef. Bras. Campos, p. 144.

Tilotilo, Prov. Yungas (B.).

Mission de Santiago, Prov. Chiquitos, Cochabamba, Chuquisaca, Chaluaní (O.).

Bolivian examples of this species do not differ appreciably from the Brazilian bird.

224. MYIOBIUS VILLOSUS, Scl.; Scl. & Salv. *anted*, p. 514.

Tilotilo, Prov. Yungas (B.).

225. MYIOBIUS CINNAMOMEUS (d'Orb. & Lafr.).

Muscipeta cinnamomea, d'Orb. & Lafr. Syn. Av. i. p. 49.

M. vieillotii, d'Orb. Voy. Ois. p. 321, t. xxxiv. f. 1, 2.

M. cinnamomeus, Scl. Cat. p. 226.

Prov. Yungas (O.); Simacu, Prov. Yungas (B.).

226. MYIOBIUS NÆVIUS (Bodd.).

Muscipeta virgata, d'Orb. & Lafr. Syn. Av. i. p. 49; d'Orb. Voy. Ois. p. 320.

Myiobius nævius, Scl. Cat. Am. B. p. 227.

Provinces of Moxos, Chiquitos, and Yungas (O.).

227. EMPIDOCHANES, sp. inc.

Nairapi, Prov. Yungas (B.).

One bad skin of a species allied to *E. olivus* (Bodd.).

228. CONTOPUS RICHARDSONI (Sw.); Scl. Cat. Am. B. p. 231.

Nairapi, Prov. Yungas (B.).

229. CONTOPUS ARDESIACUS (Lafr.); Scl. & Salv. Nomencl. p. 52.

Myiochanes ardesiacus, Scl. Cat. p. 232.

Tilotilo, Prov. Yungas (B.).

230. EMPIDONOMUS VARIUS (Vieill.); Scl. Cat. Am. B. p. 234.

Mapari, Prov. Yungas (B.).

231. MYIARCHUS TYRANNULUS (Müll.).

M. ferox, d'Orb. & Lafr. Syn. Av. i. p. 43; d'Orb. Voy. Ois. p. 306.

Myiarchus swainsoni, Scl. Cat. Am. B. p. 233.

M. tyrannulus, Scl. & Salv. Nomencl. p. 52.

Provinces of Yungas, Moxos, Chiquitos, and Santa Cruz de la Sierra (O.); Typuani, Tilotilo, Prov. Yungas (B.).

232. MYIARCHUS NIGRICEPS, Scl.

Myiarchus tuberculifer, d'Orb. & Lafr. Syn. Av. i. p. 43; d'Orb. Voy. Ois. p. 307, t. xxxii. fig. 2 (?).

M. nigriceps, Scl. P. Z. S. 1860, p. 68.

We suspect that *M. tuberculifer* is the same as *M. nigriceps*, in some individuals of which, as in other Tyrannidæ, the tubercles on the wing are much more developed than in others.

Tilotilo, Prov. Yungas (B.).

233. TYRANNUS PIPIRI (Vieill.).

Tyrannus animosus, d'Orb. & Lafr. Syn. Av. i. p. 45.

Tyrannus intrepidus, d'Orb. Voy. Ois. p. 313.

Tyrannus pipiri, Scl. Cat. p. 236.

Santa Cruz de la Sierra (O.).

234. TYRANNUS AURANTIO-ATROCRISTATUS, d'Orb. & Lafr. Syn. Av. i. p. 45; d'Orb. Voy. Ois. p. 312.

Tyrannus inca, Scl. Cat. Am. B. p. 237.

Valle Grande (O.).

In Sclater's collection from Bolivia; obtained by E. Bartlett at Xeberos. See P. Z. S. 1873, p. 282.

235. TYRANNUS MELANCHOLICUS (Vieill.); d'Orb. & Lafr. Syn. Av. i. p. 44; d'Orb. Voy. Ois. p. 311, t. li. f. 33 (egg).

Provinces of Santa Cruz de la Sierra, Chiquitos, Moxos (O.); Cangalli, Tilotilo, Prov. Yungas (B.).

236. MILVULUS TYRANNUS (Linn.).

Tyrannus savana, d'Orb. & Lafr. Syn. Av. i. p. 44.

Tyrannus tyrannus, d'Orb. Voy. Ois. p. 310, t. xlv. f. 2.

Santa Cruz, Provinces of Moxos and Chiquitos (O.).

Fam. COTINGIDÆ.

237. PIPRA FASCIATA, d'Orb. & Lafr. Syn. Av. i. p. 38; d'Orb. Voy. Ois. p. 295, t. xxx. f. 1.

Environs of Santa Cruz de la Sierra, and Territory of the Guarayos Indians (O.).

238. *PIPPRA CHLOROMEROS* (Tsch.).

Pipra rubrocapilla, d'Orb. & Lafr. Syn. Av. i. p. 38; d'Orb. Voy. Ois. p. 294.

Pipra chloromeros, Scl. Cat. Am. B. p. 248.

Baganti, Prov. Yungas (B.); Territory of the Yuracares Indians (O.).

239. *CHIROXIPHIA PAREOLA* (Linn.).

Nairapi, Tilotilo, Prov. Yungas (B.).

Bolivian agree with Brazilian skins, except in having the crest rather narrower and of a somewhat darker colour.

240. *METOPHIA GALEATA* (Licht.); Scl. Cat. Am. B. p. 252.

Simacu, Prov. Yungas (B.).

241. *TITYRA CAYANA* (Linn.).

Psaris cayanus, d'Orb. & Lafr. Syn. Av. i. p. 41; d'Orb. Voy. p. 301.

Santa Cruz de la Sierra, Chiquitos, Moxos (O.).

242. *TITYRA SEMIFASCIATA* (d'Orb. & Lafr.).

Psaris semifasciata, d'Orb. & Lafr. Syn. Av. i. p. 41; d'Orb. Voy. Ois. p. 301.

Tityra semifasciata, Scl. Cat. Am. B. p. 238.

Environs of Santa Cruz de la Sierra and Santo Corazon (O.); Simacu, Prov. Yungas (B.).

243. *TITYRA INQUISITRIX* (Vieill.).

Psaris inquisitor, d'Orb. & Lafr. Syn. Av. i. p. 41; d'Orb. Voy. Ois. p. 302.

Tityra inquisitrix, Scl. P. Z. S. 1857, p. 71.

Provinces of Santa Cruz de la Sierra and Chiquitos (O.).

244. *HADROSTOMUS MINOR* (Less.).

Psaris roseicollis, d'Orb. & Lafr. Syn. Av. i. p. 42; d'Orb. Voy. Ois. p. 302.

Hadrostomus minor, Scl. Cat. Am. B. p. 240.

Territory of the Yuracares and Guarayos Indians, Prov. Chiquitos (O.).

245. *PACHYRHAMPHUS ATRICAPILLUS* (Gm.).

Pachyrhynchus marginatus, d'Orb. & Lafr. Syn. Av. i. p. 42; d'Orb. Voy. Ois. p. 303, t. xxxi. f. 2, 3, 4.

Pachyrhamphus atricapillus, Scl. & Salv. Nomencl. p. 56.

Territory of the Yuracares Indians (O.).

246. *LATHRIA UROPYGIALIS*, Scl. & Salv. P. Z. S. 1876, p. 355.

Tilotilo, Prov. Yungas (B.).

247. *LATHRIA PLUMBEA* (Licht.).

Querula cinerea, d'Orb. & Lafr. Syn. Av. i. p. 39.

Querula cineracea, d'Orb. Voy. Ois. p. 296.

Mission de Magdalena, Prov. Moxos (O.); Guanai, Prov. Yungas (B.).

248. *CASIORNIS RUBRA* (Vieill.).

Tyrannus rufus, d'Orb. & Lafr. Syn. Av. i. p. 44; d'Orb. Voy. Ois. p. 308.

Casiornis rubra, Scl. & Salv. Nomencl. p. 57.

Provinces of Yungas and Chiquitos (O.).

The specimens of d'Orbigny marked *Tyrannus rufus* in the Paris Museum belong to this species.

249. *RUPICOLA PERUVIANA*, Lath.; d'Orb. & Lafr. Syn. Av. i. p. 38; d'Orb. Voy. Ois. p. 294.

Rupicola saturata, Cab. & Hein. Mus. Hein. ii. p. 99.

Provinces of Yungas, and forests east of Cochabamba (O.); Simacu, Tilotilo, Prov. Yungas (B.).

Bolivian skins are intermediate in tint between *R. peruviana* and *R. sanguinolenta*.

250. *PIPREOLA VIRIDIS* (d'Orb. & Lafr.).

Ampelis viridis, d'Orb. & Lafr. Syn. Av. i. p. 40; d'Orb. Voy. Ois. p. 298, t. xxx. f. 2.

Pipreola viridis, Scl. Ibis, 1878, p. 167.

Chulumani, Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

251. *PIPREOLA FRONTALIS* (Scl.); Scl. Ibis, 1878, p. 169, pl. vi. Tilotilo, Prov. Yungas (B.).252. *AMPELIS ARCUATA* (Lafr.); Scl. Cat. A. B. p. 255.

Tilotilo, Prov. Yungas (B.).

253. *HELIOCHERA RUBROCRISTATA* (d'Orb. & Lafr.).

Ampelis rubrocristata, d'Orb. & Lafr. Syn. Av. i. p. 39; d'Orb. Voy. Ois. p. 297, t. xxxi. f. 1.

Heliochera rubrocristata, Scl. Cat. Am. B. p. 255.

Provinces of Yungas and Ayupaya (O.).

254. *COTINGA CAYANA* (Linn.).

Ampelis cayana, d'Orb. & Lafr. Syn. Av. i. p. 40.

Ampelis cayennensis, d'Orb. Voy. Ois. p. 297.

Cotinga cayana, Scl. Cat. Am. B. p. 256.

Territory of the Yuracares Indians (O.).

255. *CEPHALOPTERUS ORNATUS*, Geoffr.; d'Orb. & Lafr. Syn. Av. i. p. 39; d'Orb. Voy. Ois. p. 296.

Tilotilo, Prov. Yungas (B.); Apolobamba (O.).

Fam. PHYTOTOMIDÆ.

256. *PHYTOTOMA ANGUSTIROSTRIS*, d'Orb. & Lafr. Syn. Av. i. p. 37; d'Orb. Voy. Ois. p. 292, t. xxix. f. 2; Scl. Cat. Am. B. p. 260.

Valley of La Paz and environs of Cavari, Inquisivi, Prov. Sicasica, Palta, Prov. Ayupaya, Provinces of Cochabamba, Mizqué, and Chuquisaca (O.); Tilotilo, Prov. Yungas (B.).

Fam. DENDROCOLAPTIDÆ.

257. *GEOSITTA CUNICULARIA* (Vieill.).

Certhilauda cunicularia, d'Orb. & Lafr. Syn. Av. i. p. 71; d'Orb. Voy. Ois. p. 358, t. xliii. f. 1.

Geositta cunicularia, Scl. Cat. Am. B. p. 146.

La Paz, Cochabamba, and summit of the Cordillera (O.).

258. *GEOSITTA TENUIROSTRIS* (d'Orb. & Lafr.).

Certhilauda tenuirostris, d'Orb. & Lafr. Syn. Av. i. p. 72; d'Orb. Voy. Ois. p. 359, t. xliii. f. 2.

Geositta tenuirostris, Scl. & Salv. P. Z. S. 1869, p. 153.

Cavari, Prov. Sicasica, Cochabamba (O.).

259. *FURNARIUS COMMERSONI*, Pelzeln, Orn. Bras. p. 34.

Tilotilo, Prov. Yungas (B.).

260. *UPUCERTHIA RUFICAUDA* (Meyen).

Upucerthia montana, d'Orb. & Lafr. Syn. Av. ii. p. 22; d'Orb. Voy. Ois. p. 371, t. lvi. f. 1.

Ochetorhynchus ruficauda, Scl. Cat. Am. B. p. 148.

Environs of La Paz (O.).

261. *CINCLODES NIGRIFUMOSUS* (d'Orb. & Lafr.).

Upucerthia nigrifumosa, d'Orb. & Lafr. Syn. Av. ii. p. 22; d'Orb. Voy. Ois. p. 372, t. lvii. f. 2.

Cobija (O.); Tilotilo, Prov. Yungas (B.).

262. *CINCLODES PATAGONICUS* (Gm.).

Upucerthia rupestris, d'Orb. & Lafr. Syn. Av. ii. p. 21.

Cinclodes patagonicus, Scl. Cat. Am. B. p. 148.

Cobija (O.).

263. *CINCLODES FUSCUS* (Vieill.).

Upucerthia vulgaris, d'Orb. & Lafr. Syn. Av. ii. p. 22; d'Orb. Voy. Ois. p. 372, t. lvii. f. 1.

Cinclodes fuscus, Scl. & Salv. P. Z. S. 1870, p. 786.

Potosi, Oruro, La Paz, and Chuquisaca (O.); Sorata, Tilotilo, Prov. Yungas (B.).

264. *LOCHMIAS OBSCURATA*, Cab. J. f. O. 1873, p. 65.

L. sororia, Scl. & Salv. P. Z. S. 1873, p. 511.

Baganti, Prov. Yungas (B.).

265. LEPTASTHENURA ÆGITHALOIDES (Kittl.).

Synallaxis ægithaloides, d'Orb. & Lafr. Syn. Av. i. p. 23; d'Orb. Voy. Ois. p. 243.

Cobija, and environs of La Paz (O.).

266. LEPTASTHENURA FULIGINICEPS (d'Orb. & Lafr.).

Synallaxis fuliginiceps, d'Orb. & Lafr. Syn. Av. i. p. 23; d'Orb. Voy. Ois. p. 242, t. xvii. f. 1.

Inquisivi, Prov. Sicasica, Valle Grande (O.); Tilotilo, Prov. Yungas (B.).

267. SYNALLAXIS FRONTALIS, Pelz.

Synallaxis ruficapilla, d'Orb. & Lafr. Syn. Av. i. p. 24; d'Orb. Voy. Ois. p. 246.

Synallaxis frontalis, Scl. P. Z. S. 1874, p. 7.

Carcuata, Prov. Yungas, Inquisivi, Prov. Sicasica, Chaluani, Prov. Mizqué, Prov. Moxos (O.); Ramosani, Prov. Yungas (B.).

268. SYNALLAXIS SEMICINEREA (Reichenbach).

Synallaxis semicinerea, Scl. P. Z. S. 1874, p. 12.

Valle Grande (O., Mus. Paris).

269. SYNALLAXIS TORQUATA, Max.

Synallaxis bitorquata, d'Orb. & Lafr. Syn. Av. i. p. 24.

S. torquata, d'Orb. Voy. Ois. p. 248, t. xv. f. 2; Scl. P. Z. S. 1874, p. 17.

Mission de la Concepcion, Prov. Chiquitos (O.).

270. SYNALLAXIS MAXIMILIANI, d'Orb.

Synallaxis torquata, d'Orb. Syn. Av. i. p. 25.

Synallaxis maximiliani, d'Orb. Voy. Ois. p. 247, t. xv. f. 1; Scl. P. Z. S. 1874, p. 17.

Carcuata, Prov. Yungas (O.).

271. SYNALLAXIS HYPOSTICTA, Pelzeln; Scl. P. Z. S. 1874, p. 20.

Territory of the Yuracares Indians (O., Mus. Paris).

272. SYNALLAXIS RUFIPENNIS, sp. nov.

Synallaxis striaticeps, d'Orb. & Lafr. Syn. Av. i. p. 22; d'Orb. Voy. Ois. p. 241, t. xvi. f. 1 (partim).

Supra murino-cinerea; pileo fulvo, nigro striato; superciliis albis; tectricibus alarum et secundariis extus cum cauda tota rufis; subtus alba, hypochondriis et crisso fusco lavatis; rostro nigricante, mandibula inferiore ad basin carnea; pedibus fuscis. Long tota 5·5, alæ 2·6, caudæ 3·0.

Hab. Bolivia, Tilotilo (Buckley).

Obs. Species formâ et habitu *S. striaticipitis*, sed pileo toto conspicuè striato et secundariis extus rufis distinguenda.

This species was probably confounded by d'Orbigny with *S. striaticeps*, as he mentions the latter as occurring in Bolivia. It should be placed next to *S. striaticeps* in the arrangement of the genus as given by Sclater (P. Z. S. 1874, p. 21).

273. *SYNALLAXIS ALBICEPS*, d'Orb. & Lafr. Syn. Av. i. p. 23; d'Orb. Voy. Ois. p. 241, t. xvi. f. 2; Scl. P. Z. S. 1874, p. 21.

Capiñata, Prov. Sicasica (O.); Tilotilo, Prov. Yungas (B.).

274. *SYNALLAXIS ORBIGNII*, Reichenbach.

Synallaxis humicola, d'Orb. & Lafr. Syn. Av. i. p. 24; d'Orb. Voy. Ois. p. 245, t. xvii. f. 2 (nec Kittl.); Scl. Cat. Am. B. p. 153.

Synallaxis orbignii, Scl. P. Z. S. 1874, p. 22, et P. Z. S. 1879, p. 461.

Synallaxis fugax, Doering, MS., Scl. P. Z. S. 1879, p. 461.

Valley of La Paz, Cochabamba, environs of Palca, Prov. Ayupaya (O.).

275. *HACELODOMUS SIBILATOR*.

Anabates rufifrons, d'Orb. & Lafr. Syn. Av. ii. p. 19.

Anumbius frontalis, d'Orb. Voy. Ois. p. 256.

Placelodorus frontalis, Scl. Cat. Am. B. p. 154 (partim).

"*P. sibilatrix*, Döring;" Scl. anteà, p. 461.

Prov. Sicasica (O.).

276. *PLACELLODOMUS RUBER* (Vieill.).

Anabates ruber, d'Orb. & Lafr. Syn. Av. ii. p. 14.

Anumbius ruber, d'Orb. Voy. Ois. p. 253.

Prov. Chiquitos (O.).

277. *PSEUDOCOLAPTES BOISSONEAUTI* (Lafr.); Scl. Cat. Am. B. p. 156.

Tilotilo, Prov. Yungas (B.).

278. *HOMORUS UNIRUFUS* (d'Orb. & Lafr.).

Anabates unirufus, d'Orb. & Lafr. Syn. Av. ii. p. 16; d'Orb. Voy. Ois. p. 370, t. lv. f. 1.

Homorus unirufus, Scl. Cat. Am. B. App. p. 360.

Prov. Moxos (O.).

279. *AUTOMOLUS STRIATICEPS*, Scl. & Salv. P. Z. S. 1875, p. 37; Tacz. P. Z. S. 1874, p. 528.

Guanai, Tilotilo, Prov. Yungas (B.).

280. *PHILYDOR RUFICAUDATUS* (d'Orb. & Lafr.).

Anabates ruficaudatus, d'Orb. & Lafr. Syn. Av. ii. p. 15.

Territory of the Yuracares Indians (O.).

281. *ANABAZENOPS RUFOSUPERCILIATUS* (d'Orb. & Lafr.).

Xenops rufosuperciliatus, d'Orb. & Lafr. Syn. Av. ii. p. 13.

Prov. Yungas (O.).

282. *ANABAZENOPS TEMPORALIS*, Scl. P. Z. S. 1859, p. 141.
Tilotilo, Prov. Yungas (*B.*).
283. *SITTASOMUS ERITHACUS* (Licht.).
Dendrocolaptes sylviellus, d'Orb. & Lafr. Syn. Av. ii. p. 13.
Sittasomus erithacus, Scl. & Salv. P. Z. S. 1868, p. 630.
Prov. Chiquitos (*O.*).
284. *MARGARORNIS SQUAMIGERA* (d'Orb. & Lafr.).
Anabates squamiger, d'Orb. & Lafr. Syn. Av. ii. p. 14; d'Orb.
Voy. Ois. p. 369, t. liv. f. 2.
Margarornis squamiger, Salv. Ibis, 1874, p. 322.
Palca, Prov. Ayupaya (*O.*); Tilotilo, Prov. Yungas (*B.*).
285. *DENDROCOLAPTES CERTHIA* (Bodd.).
Picus certhia, Bodd. Tabl. d. Pl. Enl. p. 38.
Dendrocolaptes cayennensis, d'Orb. & Lafr. Syn. Av. ii. p. 11;
Scl. Cat. Am. B. p. 162.
Prov. Chiquitos (*O.*).
286. *DENDROCINCLA ATRIROSTRIS* (d'Orb. & Lafr.).
Dendrocolaptes atrirostris, d'Orb. & Lafr. Syn. Av. ii. p. 12.
Territory of the Guarayos Indians (*O.*).
287. *XIPHOCOLAPTES PROMEROPIRHYNCHUS* (Less.); Scl. Cat.
p. 163.
Dendrocolaptes albicollis, d'Orb. & Lafr. Syn. ii. p. 10 (?)
Tilotilo, Prov. Yungas (*B.*).
Mr. Buckley's skins seem hardly separable from this species; but
Lafresnaye refers d'Orbigny's Bolivian examples to his *X. simpliceps*
(Rev. Zool. 1850, p. 100).
288. *XIPHOCOLAPTES MAJOR* (Vieill.).
Dendrocolaptes major, d'Orb. & Lafr. Syn. Av. ii. p. 11.
Xiphocolaptes major, Scl. Cat. Am. B. p. 164.
Prov. Chiquitos (*O.*).
289. *DENDRORNIS GUTTATA* (Licht.).
Dendrocolaptes guttatus, d'Orb. & Lafr. Syn. Av. ii. p. 11.
Territory of the Guarayos Indians (*O.*); Guanai, Prov. Yungas (*B.*).
290. *DENDRORNIS PARDALOTUS* (Vieill.); Scl. Cat. Am. B. p. 164.
Nairapi, Prov. Yungas (*B.*).
291. *DENDRORNIS TRIANGULARIS* (Lafr.); Scl. Cat. Am. B. p. 165.
Simacu, Prov. Yungas (*B.*).

292. PICOLAPTES BIVITTATUS (d'Orb. & Lafr.).

Dendrocolaptes bivittatus, d'Orb. & Lafr. Syn. Av. ii. p. 12.*Picolaptes bivittatus*, Scl. Cat. Am. B. p. 167.

Prov. Chiquitos (O.).

293. XIPHORHYNCHUS LAFRESNAYANUS, d'Orb.

Dendrocolaptes procurvus, d'Orb. & Lafr. Syn. Av. ii. p. 12.*D. lafresnayanus*, d'Orb. Voy. Ois. p. 368, t. liii. f. 2.*Xiphorhynchus lafresnayanus*, Scl. Cat. Am. B. p. 168.

Prov. Chiquitos (O.).

We are very doubtful whether the Bolivian form thus designated by d'Orbigny is really distinct from *X. trochilirostris*.

Fam. FORMICARIIDÆ.

294. THAMNOPHILUS MAJOR, d'Orb. & Lafr.

Thamnophilus major, d'Orb. & Lafr. Syn. Av. i. p. 10; d'Orb. Voy. Ois. p. 166; Scl. P. Z. S. 1858, p. 208, Cat. Am. B. p. 172.

Provinces of Yungas, Cochabamba, and Santa Cruz de la Sierra (O.).

295. THAMNOPHILUS NÆVIUS (Gm.); d'Orb. & Lafr. Syn. Av. i. p. 10; d'Orb. Voy. Ois. p. 170.

Missions de San Miguel, La Concepcion, and Santa Ana, Prov. Chiquitos (O.).

296. THAMNOPHILUS ASPERSIVENTRIS, d'Orb. & Lafr. Syn. Av. i. p. 11; d'Orb. Voy. Ois. p. 171, t. iv.

Provinces of Yungas, Sicasica, and Ayupaya (O.); Simacu, Tilotilo, Prov. Yungas (B.).

297. THAMNOPHILUS DOLIATUS (Linn.); d'Orb. & Lafr. Syn. Av. i. p. 10; d'Orb. Voy. Ois. p. 168.

Chulumani and Irupana, Prov. Yungas, Provinces of Santa Cruz de la Sierra, Chiquitos, and Moxos (O.).

298. THAMNOPHILUS PALLIATUS, Licht.; d'Orb. & Lafr. Syn. Av. i. p. 11; d'Orb. Voy. Ois. p. 174.

Prov. Chiquitos (O.); Consata, Tilotilo, Prov. Yungas (B.).

299. THAMNOPHILUS TORQUATUS, d'Orb. & Lafr.

Thamnophilus atropileus, d'Orb. & Lafr. Syn. Av. i. p. 11; d'Orb. Voy. Ois. p. 173.*Thamnophilus torquatus*, Scl. P. Z. S. 1858, p. 220.

Territory of the Guarayos Indians (O.).

300. THAMNOPHILUS SUBFASCIATUS, Scl. & Salv. P. Z. S. 1876, p. 357.

Tilotilo, Prov. Yungas (B.).

301. *DYSITHAMNUS GUTTULATUS* (Licht.).

Thamnophilus striatothorax, d'Orb. & Lafr. Syn. Av. i. p. 12;
d'Orb. Voy. Ois. p. 176.

Dysithamnus guttulatus, Scl. P. Z. S. 1858, p. 221.

Territory of the Yuracares Indians (O.).

302. *DYSITHAMNUS MENTALIS* (d'Orb. et Lafr.).

Thamnophilus mentalis, d'Orb. & Lafr. Syn. Av. i. p. 12; d'Orb.
Voy. Ois. p. 177.

Dysithamnus mentalis, Scl. Cat. Am. B. p. 177.

Prov. Yungas (O.).

303. *DYSITHAMNUS SCHISTACEUS* (d'Orb.).

Thamnophilus fuliginosus, d'Orb. & Lafr. Syn. Av. i. p. 10.

Thamnophilus schistaceus, d'Orb. Voy. Ois. p. 170, t. v. f. 1.

Territory of the Yuracares Indians (O.).

304. *THAMNOMANES CÆSIUS* (Licht.).

Tyrannus cæsius, d'Orb. Voy. Ois. p. 309.

Thamnomanes cæsius, Scl. Cat. Am. B. p. 178.

Territory of the Yuracares Indians (O.).

305. *HERPSILOCHOMUS PILEATUS* (Licht.).

Thamnophilus pileatus, d'Orb. & Lafr. Syn. Av. i. p. 12; d'Orb.
Voy. Ois. p. 175; Scl. P. Z. S.

Herpsilochomus pileatus, Scl. P. Z. S. 1858, p. 233.

Mission de San José, Prov. Chiquitos (O.).

306. *MYRMOTHERULA PYGMÆA* (Gm.).

Thamnophilus minutus, d'Orb. & Lafr. Syn. Av. i. p. 12.

Myrmotherula pygmæa, Scl. P. Z. S. 1858, p. 234.

Territory of the Yuracares Indians (O.).

307. *MYRMOTHERULA AXILLARIS* (Vieill.).

Thamnophilus axillaris, d'Orb. & Lafr. Syn. Av. i. p. 12.

Thamnophilus axillaris, d'Orb. Voy. Ois. p. 183.

Cochabamba, and Territory of the Yuracares Indians (O.).

308. *MYRMOTHERULA MÉNÉTRIÉSI* (d'Orb.).

Myrmothera ménétriési, d'Orb. Voy. Ois. p. 184.

Cochabamba, and Territory of the Yuracares Indians (O.).

309. *FORMICIVORA RUFATRA* (d'Orb. & Lafr.).

Thamnophilus rufater, d'Orb. & Lafr. Syn. Av. i. p. 12; d'Orb.
Voy. Ois. p. 180.

Provinces of Chiquitos and Moxos (O.).

310. PYRIGLENA LEUCOPTERA (Vieill.).

Thamnophilus domicella, d'Orb. & Lafr. Syn. Av. i. p. 11.*Formicivora domicella*, d'Orb. Voy. Ois. p. 178.*Pyriglena leucoptera*, Scl. P. Z. S. 1858, p. 246.

Mission de Santa Ana, Prov. Chiquitos (O.).

311. PYRIGLENA ATRA (Sw.).

Thamnophilus aterrimus, d'Orb. & Lafr. Syn. Av. i. p. 12.*Formicivora atra*, d'Orb. Voy. Ois. p. 179.*Pyriglena atra*, Scl. P. Z. S. 1858, p. 246.

Rio de Chairó, Prov. Yungas, and Prov. Chiquitos (O.).

312. MYRMECIZA HEMIMELÆNA, Scl.

Thamnophilus guttatus, d'Orb. & Lafr. Syn. Av. i. p. 13; d'Orb. Voy. Ois. p. 177 (nec Vieill.).*Myrmeciza hemimelæna*, Scl. P. Z. S. 1857, p. 48, et 1858, p. 249.

Territory of the Yuracares Indians (O.).

313. HYPOCNEMIS NÆVIA (Gm.).

Conopophaga nævia, d'Orb. & Lafr. Syn. Av. i. p. 13; d'Orb. Voy. Ois. p. 186.

Territory of the Yuracares Indians (O.).

314. PHLOGOPSIS NIGRO-MACULATA (d'Orb. & Lafr.).

Myothera nigro-maculata, d'Orb. & Lafr. Syn. Av. i. p. 14; d'Orb. Voy. Ois. p. 190, t. vi*. f. 2.*Phlogopsis nigro-maculata*, Scl. P. Z. S. 1858, p. 276.

Territory of the Guarayos Indians (O.).

315. FORMICARIUS ANALIS (d'Orb. & Lafr.).

Myothera analis, d'Orb. & Lafr. Syn. Av. i. p. 14; d'Orb. Voy. Ois. p. 191, t. vi. f. 1.*Formicarius analis*, Salvin, P. Z. S. 1866, p. 74.

Between Santa Cruz de la Sierra and Chiquitos (O.).

316. CHAMÆZA OLIVACEA, Tsch.; Scl. P. Z. S. 1858, p. 279.

Tilotilo, Prov. Yungas (B.).

317. GRALLARIA SQUAMIGERA, Prevost; Scl. Ibis, 1877, p. 439.

Tilotilo, Prov. Yungas (B.).

318. GRALLARIA ERYTHROTIS, Scl. & Salv. P. Z. S. 1876, p. 357.

Tilotilo, Prov. Yungas (B.).

319. CONOPOPHAGA ARDESIACA, d'Orb. & Lafr. Syn. Av. i. p. 13; d'Orb. Voy. Ois. p. 181; Scl. Cat. Am. B. p. 193.

Rio Meguilla, Carcuata, Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

320. CORYTHOPIS NIGRO-CINCTA (d'Orb. et Lafr.).

Conopophaga nigro-cincta, d'Orb. & Lafr. Syn. Av. i. p. 13; d'Orb. Voy. Ois. p. 187, t. vi. f. 2.

Mission de Santa Ana, Prov. Chiquitos (O.).

Fam. PTEROPTOCHIDÆ.

321. SCYTALOPUS SYLVESTRIS, Tacz. P. Z. S. 1874, p. 138.

Yuyo, Prov. Yungas (B.).

Fam. CYPSELIDÆ.

322. CYPSELUS ANDICOLA, d'Orb. & Lafr. Syn. Av. i. p. 70; d'Orb. Voy. Ois. p. 358.

Consata, Prov. Yungas (B.); La Paz, Cavari, and Inquisivi (O.).

323. HEMIPROCNE ZONARIS (Shaw).

Chætura zonaris, Scl. P. Z. S. 1865, p. 609.

Consata (B.).

Fam. CAPRIMULGIDÆ.

324. PODAGER NACUNDA (Vieill.).

Caprimulgus nacunda, d'Orb. & Lafr. Syn. Av. i. p. 67.

Santa Cruz de la Sierra, and Chiquitos (O.).

325. CHORDEILES RUPESTRIS (Spix).

Caprimulgus rupestris, d'Orb. & Lafr. Syn. Av. i. p. 68.

Prov. Moxos (O.).

326. STENOPSIS ÆQUICAUDATA (Peale).

Antrostomus æquicaudatus, Scl. P. Z. S. 1867, p. 342.

Tilotilo, Prov. Yungas (B.).

327. HYDROPSALIS TRIFURCATA, Scl. P. Z. S. 1866, p. 141.

Yuyo, Prov. Yungas (B.).

328. HYDROPSALIS SEGMENTATA, Cassin.

Tilotilo, Prov. Yungas (B.).

329. NYCTIDROMUS ALBICOLLIS (Gm.).

Caprimulgus albicollis, d'Orb. & Lafr. Syn. Av. i. p. 67.

Nyctidromus albicollis, Scl. P. Z. S. 1866, p. 144.

Prov. Chiquitos (O.).

Fam. TROCHILIDÆ.

330. PHAETHORNIS SUPERCILIOSUS (Linn.).

Trochilus superciliosus, d'Orb. & Lafr. Syn. Av. ii. p. 31.

Phaethornis malaris, Gould, Mon. Troch. i. pl. xvii.

Tilotilo (B.); Yungas, Guarayos (O.).

331. *PHAETHORNIS PHILIPPII* (Bourc.); Gould, Mon. Troch. i. pl. xxi.
Bolivia (teste *Bourcier*).
332. *PYGMORNIS PYGMÆUS* (Spix); Gould, Mon. Troch. i. pl. lvi.
Trochilus brasiliensis, d'Orb. & Lafr. Syn. Av. ii. p. 32.
Pygmornis pygmæus, Elliot, Ibis, 1877, p. 141.
Yuracares, Guarayos (*O.*); Guanai (*B.*).
333. *THRENETES LEUCURUS* (Linn.).
Trochilus leucurus, d'Orb. & Lafr. Syn. Av. ii. p. 32.
Threnetes leucurus, Elliot, Ibis, 1877, p. 142.
Yuracares (*O.*).
334. *CAMPYLOPTERUS ÆQUATORIALIS*, Gould, Intr. to Troch. p. 54.
Mapiri (*B.*).
335. *APHANTOCHROA HYPOSTICTA*, Gould, P. Z. S. 1862, p. 124.
Nairapi (*B.*).
336. *OREOTROCHILUS ESTELLA* (d'Orb. et Lafr.).
Trochilus estella, d'Orb. & Lafr. Syn. Av. ii. p. 32; d'Orb. Voy. Ois. p. 376, pl. lxi. fig. 1.
Oreotrochilus estella, Gould, Mon. Troch. ii. pl. lxx.
La Paz, Potosi (*O.*); Cachira (*B.*).
337. *OREOTROCHILUS ADELA* (d'Orb. et Lafr.).
Trochilus adela, d'Orb. & Lafr. Syn. Av. ii. p. 33; d'Orb. Voy. Ois. p. 377, t. lxi. fig. 2.
Oreotrochilus adela, Gould, Mon. Troch. ii. pl. lxxiii.
Mizqui and Cachira (*B.*); Chuquisaca (*O.*).
338. *LAMPORNIS VIOLICAUDA* (Bodd.).
Trochilus mango, d'Orb. & Lafr. Syn. Av. ii. p. 32.
Lampornis violicauda, Elliot, Ibis, 1877, p. 141.
Mojos, Guarayos (*O.*).
339. *HEMISTEPHANIA LUDOVICIÆ* (Bourc.); Gould, Mon. Troch. ii. pl. lxxxviii.
Tilotilo (*B.*).
340. *HELIODOXA LEADBEATERI* (Bourc.).
H. otero, Gould, Mon. Troch. ii. pl. xvi.
Near La Paz (*Bridges*, teste *Gould*); Tilotilo (*B.*).
341. *THALURANIA NIGROFASCIATA* (Gould); Elliot, Ibis, 1877, p. 335.
Ornismya furcata, d'Orb. & Lafr. Syn. Av. ii. p. 27.
Chiquitos, Santa Cruz, Moxos (*O.*); Consata, Nairapi, Apollo (*B.*).

342. *LOPHORNIS REGULUS*, Gould, Mon. Troch. iii. pl. cxx.
Tilotilo (B.).
343. *ACESTRURA MULSANTI* (Bourc.) ; Gould, Mon. iii. pl. cxlv.
Orn. cyanopogon, d'Orb. & Lafr. Syn. Av. ii. p. 28.
Acestrura mulsanti, Elliot, Ibis, 1877, p. 136.
Yungas (O.) ; Tilotilo (B.).
344. *STEGANURA ADDÆ* (Bourc.).
Spathura rufocaligata, Gould, Mon. Troch. iii. pl. clxv.
Sandillani, Yungas (*Bridges*, teste *Gould*) ; Bellavista, Tilotilo (B.).
345. *LESBIA NUNA* (Less.) ; Gould, Mon. Troch. iii. pl. clix.
Orn. gouldii, d'Orb. & Lafr. Syn. Av. ii. p. 17.
Enquisivi (O.) ; Sorata, Consata (B.).
346. *CYNANTHUS MOCOA* (Delattre et Bourc.) ; Gould, Mon. Troch. iii. pl. clxxiii.
Quilabaya and Tilotilo (B.).
347. *SAPPHO SPARGANURA* (Shaw).
Cometes sparganurus, Gould, Mon. Troch. iii. pl. clxxiv.
Orthorhynchus chrysurus, d'Orb. & Lafr. Syn. Av. ii. p. 26.
Chuquisaca (*Bonelli*, teste *Gould*) ; Yungas (O.).
348. *SAPPHO PHAON* (Gould) ; Gould, Mon. Troch. iii. pl. clxxv.
Ornismya chrysurus, d'Orb. & Lafr. Syn. Av. ii. p. 27.
La Paz, Sicasica (O.) ; Sapahaque, La Paz (B.).
349. *AGLÆACTIS PAMELA* (d'Orb. et Lafr.).
Aglæactis pamea, Gould, Mon. Troch. iii. pl. clxxxi.
Orn. pamea, d'Orb. & Lafr. Syn. Av. ii. p. 28.
Orthorhynchus pamea, d'Orb. Voy. Ois. p. 375, pl. lx. fig. 1.
Consata, Cillutincara, and Unduavi (B.) ; Tagesi, La Paz and Palca Grande, Ayupaya (O.).
350. *RHAMPHOMICRON OLIVACEUM*, Lawr. Ann. L. N. Y. viii. p. 45 (1847).
Bolivia (*Lawrence*).
351. *RHAMPHOMICRON RUFICEPS* (Gould) ; Gould, Mon. Troch. iii. pl. clxxxviii.
Tilotilo (B.).
352. *METALLURA ÆNEICAUDA* (Gould) ; Gould, Mon. Troch. iii. pl. cxcii.
Cillutincara (B.) ; Yungas (*Bridges*, teste *Gould*).

353. METALLURA SMARAGDINICOLLIS (d'Orb. et Lafr.).

Ornismya smaragdinicollis, d'Orb. & Lafr. Syn. Av. ii. p. 31.*Orthorhynchus smaragdinicollis*, d'Orb. Voy. Ois. p. 375, pl. lix. fig. 2.*Metallura smaragdinicollis*, Gould, Mon. Troch. iii. pl. cxevi.

Tilotilo (B.); Cagapi near Yanacaché, Yungas and Palca, Ayupaya (O.).

354. ADELOMYIA INORNATA (Gould); Gould, Mon. Troch. iii. pl. cxcvii.

Tilotilo (B.).

355. PETASOPHORA SERRIROSTRIS (Vieill.).

Ornismya petasophora, d'Orb. & Lafr. Syn. Av. ii. p. 28.*Petasophora serrirostris*, Elliot, Ibis, 1877, p. 137.

Valle Grande (O.).

356. PETASOPHORA ANAIS (Less.); Gould, Mon. Troch. iv. pl. ccxxiv.

Tilotilo (B.).

357. PETASOPHORA CYANOTIS (Bourc.); Gould, Mon. Troch. iv. pl. ccxxviii.

Tilotilo (B.).

358. CHRYSOBRONCHUS VIRESCENS (Dumont); Gould, Mon. Troch. iv. pl. ccxxx.

Trochilus viridis, d'Orb. & Lafr. Syn. Av. ii. p. 32.*Polytmus virescens*, Elliot, Ibis, 1877, p. 142.

Mojos (O.).

359. PATAGONA GIGAS (Vieill.); Gould, Mon. Troch. iv. pl. ccxxxii.

Ornismya gigantea, d'Orb. & Lafr. Syn. Av. ii. p. 26.*Patagona gigas*, Elliot, Ibis, 1877, p. 134.

Cochabamba, La Paz, Chuquisaca (O.); La Paz and Chuquisaca (Bonelli, teste Gould).

360. HELIANTHEA VIOLIFERA (Gould); Gould, Mon. Troch. iv. pl. ccxxxix.

Consata, Tilotilo (B.).

361. HELIANGELUS AMETHYSTICOLLIS (d'Orb. et Lafr.).

Orn. amethysticollis, d'Orb. & Lafr. Syn. Av. ii. p. 31.*Orthorhynchus amethysticollis*, d'Orb. Voy. Ois. p. 376, pl. lx. fig. 12.

Tilotilo (B.); Yuracares (O.).

362. DIPHLOGÆNA IRIS (Gould); Gould, Mon. Troch. iv. pl. ccxlvii.

Eastern slopes of Andes of Illimani and Sorata (Warszewicz).

363. *DIPHLOGÆNA AURORA* (Gould); Gould, Mon. Troch. iv. pl. ccxlviii.

Eastern slopes of Andes of Illimani and Sorata (*Warszewicz*).

364. *BOURCIERIA INCA*, Gould; Gould, Mon. Troch. iv. pl. ccliv. Coroico (*Warszewicz*); Tilotilo (*B.*).

365. *LAMPROPYGIA BOLIVIANA*, Gould; Gould, Introduction to Troch. p. 137; Elliot, Ibis, 1876, p. 57.

Tilotilo (*B.*).

366. *ERIOCNEMIS AURELIÆ* (Bourc.); Gould, Mon. Troch. iv. pl. cclxxxiii.

Apollo, Tilotilo (*B.*).

These specimens differ slightly from the true *E. aureliæ* in having the downy feathers of the tarsi pale brown instead of brown and white.

367. *ERIOCNEMIS GLAUCOPOIDES* (d'Orb. et Lafr.).

Ornismya glaucopoides, d'Orb. & Lafr. Syn. Av. ii. p. 27.

Eriocnemis glaucopoides, Elliot, Ibis, 1877, p. 136.

Valle Grande (*O.*).

368. *LEUCIPPUS CHIONOGASTER* (Tsch.); Gould, Introduction to Troch. p. 178.

Sorata, Tipuani, Tilotilo (*B.*).

369. *LEUCOCHLORIS ALBICOLLIS* (Vieill.).

Ornismya albicollis, d'Orb. & Lafr. Syn. Av. ii. p. 30.

Leucochloris albicollis, Elliot, Ibis, 1877, p. 30.

Yungas (*O.*).

370. *THAUMASIUS ALBIVENTRIS* (Less.).

Ornismya albiventris, d'Orb. & Lafr. Syn. Av. ii. p. 30.

Thaumantias albiventris, Elliot, Ibis, 1877, p. 138.

Mojos (*O.*).

371. *THAUMASIUS NEGLECTUS*, Elliot.

Ornismya bicolor, d'Orb. & Lafr. Syn. Av. ii. p. 30.

Thaumantias neglectus, Elliot, Ibis, 1877, p. 30.

Yungas, Moxos (*O.*).

372. *CHRYSURONIA JOSEPHINÆ* (Bourc. et Muls.); Gould, Mon. Troch. v. pl. cccxxvi.

Consata, Tilotilo (*B.*).

373. *CHRYSURONIA CHRYSURA* (Less.).

Ornismya ruficollis, d'Orb. & Lafr. Syn. Av. ii. p. 30.

Chrysuronia chrysura, Elliot, Ibis, 1877, p. 140.

Santa Cruz, Chiquitos (*O.*).

374. *HYLOCHARIS CYANEA* (Vieill.).*Ornismya cyanea*, d'Orb. & Lafr. Syn. Av. ii. p. 30.*Hylocharis cyanea*, Elliot, Ibis, 1877, p. 138.

Guarayos (O.).

375. *CHLOROSTILBON SPLENDIDUS* (Vieill.).*Ornismya aureiventris*, d'Orb. & Lafr. Syn. Av. ii. p. 28.*Chlorostilbon splendidus*, Elliot, Ibis, 1877, p. 136.

Moxos, Cochabamba (O.); Mizque (B.).

376. *CHLOROSTILBON PRASINUS* (Less.).*Ornismya mellisuga*, d'Orb. & Lafr. Syn. Av. ii. p. 30.*Chlorostilbon prasinus*, Elliot, Ibis, 1877, p. 139.

Yungas, Sicasica, Ayupaya (O.).

Family PICIDÆ.

377. *PICUMNUS ALBOSQUAMATUS*, d'Orb. Voy. Ois. p. 380, t. lxiv. f. 2.

Rio de Tamanipaya, Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

378. *CAMPEPHILUS TRACHELOPYRUS* (Malh.); ScL. Cat. Am. B. p. 332.

Apollo, Tilotilo (B.).

379. *CAMPEPHILUS BOIÆI* (Wagler).*Picus atriventris*, d'Orb. Voy. Ois. p. 378, t. lxiii. f. 1.*Phlæoceastes boiei*, Cab. et Heine, Mus. Hein. iv. p. 97.

Provinces of Chiquitos and Valle Grande (O.).

380. *PICUS LIGNARIUS*, Mol.*Picus puncticeps*, d'Orb. Voy. Ois. p. 379, t. xlv. f. 1.*Picus lignarius*, ScL. Cat. A. B. p. 334.

Chaluani, Cochabamba (O.).

381. *PICUS CACTORUM*, d'Orb. Voy. Ois. p. 378, t. lxii. f. 2.

Chaluani and Chilon, Prov. Mizque (O.).

382. *CHLORONERPES FUMIGATUS* (d'Orb.); d'Orb. Voy. Ois. p. 380, t. lxv. f. 1.

Santa Cruz de la Sierra and Prov. Chiquitos (O.); Tilotilo, Prov. Yungas (B.).

383. *CHLORONERPES MALHERBII*, ScL.*Picus nigriceps*, d'Orb. Voy. Ois. p. 380, t. lxv. f. 2.*Chloronerpes malherbii*, ScL. Cat. Am. B. p. 338.

Palca Grande, Prov. Ayupaya (O.).

384. CHLORONERPES RUFICEPS (Spix).

Campias ruficeps, Cab. et Heine, Mus. Hein. iv. p. 153.
Simacu (B.).

385. CHLORONERPES RUBIGINOSUS (Sw.).

Picus canipileus, d'Orb. Voy. Ois. p. 379, t. lxiii. f. 2.
Chupé, Prov. Yungas (O.); Tilotilo, Prov. Yungas (B.).

386. MELANERPES CRUENTATUS (Bodd.); Scl. Cat. Am. B. p. 341.
Simacu (B.).387. HYPOXANTHUS ATRICEPS, Scl. et Salv. P. Z. S. 1876,
p. 251.

Hypoxanthus brevirostris, Tacz. P. Z. S. 1874, p. 546 (?)
Ramosani, Tilotilo (B.).

388. COLAPTES RUPICOLA, d'Orb. Voy. Ois. p. 377, t. lxii. f. 1.
La Paz, Chuquisaca, Potosi (O.).

Family MOMOTIDÆ.

389. MOMOTUS NATTERERI, Scl.

Prionites brasiliensis, d'Orb. & Lafr. Syn. Av. ii. p. 34.
Momotus nattereri, Scl. Cat. Am. B. p. 262.
Yungas (O.).

390. UROSPATHA MARTII (Spix).

Prionites martii, Spix, Av. Bras. ii. p. 46, t. 60.
Apollo (B.).

Family ALCEDINIDÆ.

391. CERYLE TORQUATA (Linn.).

Alcedo torquata, d'Orb. & Lafr. Syn. Av. ii. p. 34.
Santa Cruz de la Sierra, Chiquitos (O.).

392. CERYLE AMAZONA (Lath.).

Alcedo amazona, d'Orb. & Lafr. Syn. Av. ii. p. 34.
Chiquitos (O.).

393. CERYLE AMERICANA (Gm.).

Alcedo americana, d'Orb. & Lafr. Syn. Av. ii. p. 34.
Chiquitos, Valle Grande (O.).

Family TROGONIDÆ.

394. TROGON PERSONATUS, Gould, Mon. Trog. ed. ii. pl. 10.
Tilotilo (B.).

395. *TROGON VARIEGATUS*, Spix ; Gould, Mon. Trog. ed. ii. pl. 19.

Tilotilo (B.).

396. *PHAROMACRUS ANTISIANUS*, d'Orb.

Trogon antisianus, d'Orb. Mag. de Zool. 1837, Ois. t. 85.

Trogon antisiensis, d'Orb. Voy. Ois. p. 381, t. lxvi. f. i.

Pharomacrus antisianus, Gould, Mon. Trog. ed. ii. pl. 2.

Prov. Yungas (O.).

Family GALBULIDÆ.

397. *GALBULA RUFOVIRIDIS*, Cab. ; Scl. Cat. Am. B. p. 266.
Bolivia, Chiquitos (O.). Mus. Paris.

398. *BRACHYGALBA MELANOSTERNA*, Scl. P. Z. S. 1855, p. 15.
Guarayos (O.). Mus. Paris.

Family BUCCONIDÆ.

399. *BUCCO CHACURU*, Vieill. ; Scl. Syn. Bucc. p. 12.

Tilotilo (B.) ; Yungas and Santa Cruz (O.). Mus. Paris.

400. *BUCCO STRIATIPECTUS*, Scl. P. Z. S. 1853, p. 123, et Cat. Am. B. p. 271.

"*Chaunornis flammulata*, Verreaux," Mus. Paris.

Santa Cruz (O.). Mus. Paris.

401. *MALACOPTILA FULVOGULARIS*, Scl. P. Z. S. 1853, p. 123.
Tilotilo (B.).

402. *MONASA NIGRIFRONS* (Spix) ; Scl. Cat. Am. B. p. 274.
Bolivia (Behn, Mus. P. L. S.).

Family CUCULIDÆ.

403. *PIAYA CAYANA* (Linn.) ; Scl. Cat. Am. B. p. 321.

Juanani, Tilotilo (B.).

Family RAMPHASTIDÆ.

404. *RAMPHASTOS INCA*, Gould, Mon. Ramph. ed. 2, pl. x.
Chimoree, Yuracares (*Bridges, teste Gould*).

405. *RAMPHASTOS CULMINATUS*, Gould, Mon. Ramph. ed. 2, pl. xi.

Guanai, Tilotilo (B.).

406. *PTEROGLOSSUS CASTANOTIS*, Gould, Mon. Ramph. ed. 2, pl. xix.

Tilotilo (B.).

407. *ANDIGENA CUCULLATUS* (Gould); Gould, Mon. Ramph. ed. 2, pl. xxxix.

Tilotilo (*B.*); Cochabamba (*Bridges*, teste *Gould*).

408. *AULACORHAMPHUS DERBIANUS* (Gould); Gould, Mon. Ramph. ed. 2, pl. xliii.

Ronco, Yuracares (*Bridges*, teste *Gould*); Nairapi, Tilotilo (*B.*).

409. *AULACORHAMPHUS CÆRULEICINCTUS* (d'Orb.).

Pteroglossus cæruleicinctus, d'Orb. Voy. Ois. p. 382, t. lxvi. f. 2.

Aulacorhamphus cæruleicinctus, Gould, Mon. Ramph. ed. 2, pl. xlvii.

Chapaguaia, Tilotilo, Prov. Yungas (*B.*); Yanacache, Chupé and Irupana, Prov. Yungas (*O.*).

Family CAPITONIDÆ.

410. *CAPITO AURATUS* (Dumont); Marsh. Mon. Barb. pl. 64.

Pillon (*B.*).

411. *CAPITO VERSICOLOR* (Müller); Marsh. Mon. Barb. pl. 68.

Tilotilo (*B.*).

Family PSITTACIDÆ.

412. *ARA RUBRIGENIS*, Lafr. Rev. Zool. 1847, p. 65.

Sittace lafresnagi, Finsch, Papag. i. p. 394.

Bolivia (*O.* in Mus. Lugd.).

413. *ARA MILITARIS* (Linn.).

Sittace militaris, Finsch, Papag. i. p. 396.

Bolivian Andes (*Castelnau*, fide *Finsch*).

414. *ARA MACAO* (Linn.); Finsch, Papag. i. p. 398.

Santa Cruz de la Sierra (*Burmeister*, teste *Finsch*).

415. *ARA CHLOROPTERA*, Gray.

Sittace chloroptera, Finsch, Papag. i. p. 403.

Santa Cruz de la Sierra (*Burmeister*, teste *Finsch*).

416. *ARA ARARAUNA* (Linn.); Finsch, Papag. i. p. 410.

Santa Cruz de la Sierra (*Burmeister*, teste *Finsch*).

417. *ARA SEVERA* (Linn.); Scl. Cat. Am. B. p. 345.

Bolivia (*Bridges*, Mus. P. L. S.); Santa Cruz de la Sierra (*Burm.*, teste *Finsch*).

418. *ARA AURICOLLIS* (Cassin).

Sittace auricollis, Finsch, Papag. i. p. 423.

Bolivia (*Bridges*, Mus. Brit.); Santa Cruz de la Sierra (*Burm.*, teste *Finsch*).

419. *CONURUS ACUTICAUDATUS*, Vieill.; Scl. Cat. Am. B. p. 347; Finsch, Papag. i. p. 450.
Bolivia (*Bridges*, Mus. P. L. S. et Brit.).
420. *CONURUS MITRATUS*, Tsch.; Finsch, Papag. i. p. 461.
Consata (*B.*).
421. *CONURUS WEDDELLI*, Deville; Finsch, Papag. i. p. 497.
Bolivia (*Bridges*, Mus. Brit.). Santa Cruz de la Sierra (*Burm.*, teste *Finsch*).
422. *CONURUS MOLINÆ*, Mass. & Souanc.; Gray, List of Psitt. p. 40.
Bolivia (*Bridges*, Mus. Brit.); Tilotilo (*B.*).
423. *BOLBORHYNCHUS MONACHUS* (Bodd.); Finsch, Papag. ii. p. 114.
Bolivia (*Bridges*, teste *Finsch*).
424. *BOLBORHYNCHUS LUCHSI*, Finsch, Papag. ii. p. 121.
Bolivia (*Bridges*, Mus. Brit.).
425. *BOLBORHYNCHUS AYMARA* (d'Orb.); Finsch, Papag. ii. p. 125.
Conurus aymara, Scl. Cat. Am. B. p. 350.
Sorata (*B.*); Bolivia (*O.*).
426. *BOLBORHYNCHUS ORBIGNESIUS* (Bp.); Finsch, Papag. ii. p. 129.
Bolivia (*O.*, Mus. Par., et *Bridges*, Mus. Lugd.). Island of Puriti, Lake Titicaca (*Forbes*, Mus. P. L. S.).
427. *CHRYSTOTIS FARINOSA* (Bodd.); Finsch, Papag. ii. p. 565.
Santa Cruz de la Sierra (*Burm.*, teste *Finsch*).
428. *CHRYSTOTIS MERCENARIA* (Tsch.); Finsch, Papag. ii. p. 594.
Yungas (*O.*, Mus. Paris.).
429. *PIONUS MENSTRUUS* (Linn.); Finsch, Papag. ii. p. 441.
Pillon (*B.*).
430. *PIONUS MAXIMILIANI* (Kuhl); Finsch, Papag. ii. p. 448.
Santa Cruz de la Sierra (*Burm.*, teste *Finsch*).
431. *PIONUS TUMULTUOSUS* (Tsch.); Scl. in Rowley's Orn. Misc. iii. p. 8, pl. lxxxii.
Tilotilo (*B.*).
432. *PIONOPSITTA MELANOTIS* (Lafr.).
Pionias melanotis, Finsch, Papag. ii. p. 412.
Tilotilo (*B.*); Bolivia (*O.*).

Family STRIGIDÆ.

433. STRIX FLAMMEA, Linn.

Strix perlata, d'Orb. & Lafr. Syn. Av. i. p. 9; d'Orb. Voy. Ois. p. 135.

Provinces of Santa Cruz de la Sierra, Chiquitos, Moxos, Yungas, &c. (O.).

434. ASIO BRACHYOTUS (Forster).

Otus brachyotus, d'Orb. & Lafr. Syn. Av. i. p. 9; d'Orb. Voy. Ois. p. 134.

High plateau of Bolivia (O.).

435. BUBO MAGELLANICUS (Gm.); d'Orb. & Lafr. Syn. Av. i. p. 9; d'Orb. Voy. Ois. p. 137; Sharpe, Cat. B. ii. p. 29.

Provinces of Chiquitos and Moxos (O.).

436. SCOPS BRASILIANUS (Gm.); Scl. & Salv. Ex. Orn. p. 102.

Scops choliba, d'Orb. & Lafr. Syn. Av. i. p. 8; d'Orb. Voy. Ois. p. 132.

Provinces of Chiquitos and Moxos (O.).

437. PULSATRIX TORQUATA (Daud.).

Noctua torquata, d'Orb. & Lafr. Syn. Av. i. p. 8; d'Orb. Voy. Ois. p. 126.

Santa Cruz de la Sierra (O.).

Family FALCONIDÆ.

438. CIRCUS CINEREUS, Vieill.; d'Orb. & Lafr. Syn. Av. i. p. 7; d'Orb. Voy. Ois. p. 110.

Bolivia (O.).

439. CIRCUS MACROPTERUS, Vieill.; d'Orb. & Lafr. Syn. Av. i. p. 7; d'Orb. Voy. Ois. p. 112.

Prov. Chiquitos (O.).

440. ASTURINA NITIDA (Lath.).

Astur nitida, d'Orb. & Lafr. Syn. Av. i. p. 5; d'Orb. Voy. Ois. p. 95.

Prov. Chiquitos (O.).

441. ASTURINA SATURATA, Scl. & Salv. P Z. S. 1876, p. 357.

Apollo, Tilotilo (B.).

442. ASTURINA PUCHERANI, Scl. & Salv. P. Z. S. 1869, p. 133, et Ex. Orn. p. 177, t. 89.

Astur magnirostris, d'Orb. & Lafr. Syn. Av. i. p. 5; d'Orb. Voy. p. 91.

Chiquitos (O.).

443. *BUTEOLA BRACHYURA* (Vieill.) ; Sharpe, Cat. i. p. 201.
Tilotilo, Prov. Yungas (B.).
444. *BUTEO ERYTHRONOTUS*, King.
Buteo tricolor, d'Orb. & Lafr. Syn. Av. i. p. 6 ; d'Orb. Voy. Ois.
p. 106, t. iii. f. 1, 2.
La Paz (O.).
445. *BUTEO UNICOLOR*, d'Orb. & Lafr. Syn. Av. i. p. 6 ; d'Orb.
Voy. Ois. p. 109.
This seems to be a distinct species, judging from the single ex-
ample in the Paris Museum.
Palca, Prov. Ayupaya (O.).
446. *BUTEOGALLUS NIGRICOLLIS* (Lath.).
Buteo busarellus, d'Orb. & Lafr. Syn. Av. i. p. 6 ; d'Orb. Voy.
Ois. p. 103.
Provinces of Chiquitos and Moxos (O.).
447. *URUBITINGA ZONURA* (Shaw).
Morphnus urubitinga, d'Orb. & Lafr. Syn. Av. i. p. 4 ; d'Orb.
Voy. p. 84.
Prov. Chiquitos (O.).
448. *URUBITINGA UNICINCTA* (Temm.).
Astur unicinctus, d'Orb. & Lafr. Syn. Av. i. p. 5 ; d'Orb. Voy.
Ois. 93.
Santa Cruz de la Sierra (O.).
449. *URUBITINGA MERIDIONALIS* (Lath.).
Buteo rutilans, d'Orb. & Lafr. Syn. Av. i. p. 6 ; d'Orb. Voy.
Ois. p. 104.
Provinces of Chiquitos and Moxos (O.).
450. *GERANOÆTUS MELANOLEUCUS* (Vieill.).
Haliaetus melanoleucus, d'Orb. & Lafr. Syn. Av. i. p. 3 ; d'Orb.
Voy. p. 76.
Bolivia (O.).
451. *THRASAÆTUS HARPYIA* (Linn.).
Harpyia destructor, d'Orb. & Lafr. Syn. Av. i. p. 4 ; d'Orb.
Voy. p. 81.
Prov. Moxos, Cochabamba and Santa Cruz de la Sierra (O.).
452. *ACCIPITER VENTRALIS*, Scl. ; Scl. & Salv. Ex. Orn. p. 25,
t. xiii.
Nisus striatus, d'Orb. & Lafr. Syn. Av. i. p. 4 ; d'Orb. Voy.
Ois. p. 88 ?
Territory of the Yuracares Indians (O.) ; Tilotilo, Prov. Yungas
(B.).

453. ACCIPITER POLIOGASTER (d'Orb. & Lafr.).

Nisus poliogaster, d'Orb. & Lafr. Syn. Av. i. p. 4; d'Orb. Voy. Ois. p. 89.

Santa Cruz de la Sierra and Chiquitos (O.).

We have not seen Bolivian examples of this species.

454. MICRASTUR CONCENTRICUS (Lesson).

Nisus concentricus, d'Orb. & Lafr. Syn. Av. i. p. 4; d'Orb. Voy. Ois. p. 88.

Prov. Yungas (O.).

455. GERANOSPIZIAS HEMIDACTYLA (Temm.).

Nisus hemidactylus, d'Orb. & Lafr. Syn. Av. i. p. 4; d'Orb. Voy. Ois. p. 86.

Prov. Chiquitos (O.).

456. HYPOTRIORCHIS FEMORALIS (Temm.).

Falco femoralis, d'Orb. & Lafr. Syn. Av. i. p. 7; d'Orb. Voy. Ois. p. 116.

Provinces of Moxos and Chiquitos, environs of Chuquisaca (O.).

457. TINNUNCULUS SPARVERIUS (Linn.).

Falco sparverius, d'Orb. & Lafr. Syn. Av. i. p. 8; d'Orb. Voy. Ois. p. 119.

Provinces of La Paz, Chuquisaca, and Chiquitos (O.).

458. ELANOIDES FURCATUS (Linn.).

Milvus furcatus, d'Orb. & Lafr. Syn. Av. i. p. 5; d'Orb. Voy. Ois. p. 100.

Provinces of Moxos and Chiquitos (O.).

459. ICTINIA PLUMBEA (Vieill.); d'Orb. & Lafr. Syn. Av. i. p. 101; d'Orb. Voy. Ois. p. 101.

Tilotilo, Prov. Yungas (B.); Provinces of Chiquitos and Moxos (O.).

460. HARPAGUS BIDENTATUS (Lath.).

Diodon bidentatus, d'Orb. & Lafr. Syn. Av. i. p. 8; d'Orb. Voy. Ois. p. 122.

Mission de Santo Corazon, Prov. Chiquitos (O.).

461. HERPETOTHERES CACHINNANS, Vieill.

Macagua cachinnans, d'Orb. & Lafr. Syn. Av. i. p. 5; d'Orb. Voy. Ois. p. 96.

Provinces of Santa Cruz de la Sierra, Moxos, and Chiquitos (O.).

462. MILVAGO CHIMANGO (Vieill.).

Polyborus chimango, d'Orb. & Lafr. Syn. Av. i. p. 3; d'Orb. Voy. Ois. p. 60, t. ii. f. 3, 4.

Bolivia (O.).

463. MILVAGO CHIMACHIMA (Vieill.).

Polyborus chimachima, d'Orb. & Lafr. Syn. Av. i. p. 3; d'Orb. Voy. Ois. p. 63.

Santa Cruz and Chiquitos (O.).

464. MILVAGO MEGALOPTERUS (Meyen).

Phalcobænus montanus, d'Orb. & Lafr. Syn. Av. i. p. 2; d'Orb. Voy. Ois. p. 51, t. ii. f. 1, 2.

La Paz and Cochabamba (O.).

465. POLYBORUS THARUS (Mol.).

Polyborus vulgaris, d'Orb. & Lafr. Syn. Av. i. p. 3; d'Orb. Voy. Ois. p. 55, t. i. f. 2 (egg).

Bolivia (O.).

Family CATHARTIDÆ.

466. CATHARTES AURA (Linn.); d'Orb. & Lafr. Syn. Av. i. p. 2; d'Orb. Voy. Ois. p. 38, pl. i. f. 2.

Provinces of Moxos and Chiquitos (O.).

467. CATHARTES ATRATUS (Bartr.).

Cathartes urubu, d'Orb. & Lafr. Syn. Av. i. p. 1; d'Orb. Voy. Ois. p. 31.

Bolivia (O.).

468. GYPAGUS PAPA (Linn.).

Sarcorhamphus papa, d'Orb. & Lafr. Syn. Av. i. p. 1.

Bolivia (O.).

469. SARCORHAMPHUS GRYPHUS (Linn.); d'Orb. & Lafr. Syn. Av. i. p. 1; d'Orb. Voy. Ois. p. 17.

Andes of Bolivia (O.).

Family COLUMBIDÆ.

470. COLUMBA ALBILINEA (Bp.).

Chlorænas albilinea, Bp. Consp. ii. p. 51.

Ramosani, Tilotilo (B.).

471. COLUMBA PLUMBEA, Vieill.

Chlorænas plumbea, Bp. Consp. ii. p. 53.

Mapiri, Tilotilo (B.).

472. ZENAIDA MACULATA (Vieill.); Bp. Consp. ii. p. 82.

Huachapampa (B.).

473. METRIOPELIA AYMARA (Knip & Prév.); Bp. Consp. ii. p. 76.

Tacora (O.).

474. COLUMBULA PICUI (Temm.); Bp. Consp. ii. p. 80.

Sorata (B.).

475. CHAMÆPELIA CRUZIANA (Knip & Prév.); Bp. Consp. ii. p. 80.

Santa Cruz (O.).

476. LEPTOPTILA MEGALURA, sp. n.

Supra læte brunnea, fronte alba verticem versus plumbea; capite postico et nucha, cervice postica et dorso antico vinaceis, illis rufescenti tinctis, his violaceo vix coruscantibus; subtus vinacea, facie tota, abdomine medio et crisso albis; caudæ rectricibus, nisi in duabus mediis, albo terminatis, subalaribus et remigibus intus (apicibus exceptis) læte cinnamomeis; rostro nigro, pedibus rubris. Long. tota 11·5, alæ 5·7, caudæ 4·7.

Hab. Tilotilo, Prov. Yungas, Bolivia (Buckley).

Mus. S.-G.

Obs. *L. rufaxillæ* ex Peruviâ et Amazoniâ affinis, sed staturâ majore, caudâ multo longiore, genis albidis nec violaceo tinctis, distinguenda.

This species belongs to the *L. rufaxilla* section of the genus, in which the top of the head is ash-coloured. *L. rufaxilla* was originally based upon a Guiana bird; and to this species we refer specimens from Yquitos, on the Upper Amazons, and from the Cosnipata valley in Eastern Peru. The bird now described differs from these in its greater size, the greater length of the tail, and in having the face almost pure white. Buckley's collection contained two skins.

477. GEOTRYGON MONTANA (Linn.); Scl. & Salv. Ex. Orn. p. 79.

Apollo, Tilotilo (B.).

478. GEOTRYGON FRENATA (Tsch.); Scl. & Salv. P. Z. S. 1873, p. 785.

Simacu, Yuyo, Tilotilo (B.).

Family CRACIDÆ.

479. PENELOPE OBSCURA, Temm.; Sclat. & Salv. P. Z. S. 1870, p. 525.

Bolivia (*Bridges*).

480. PENELOPE SCLATERI, Gray; Scl. & Salv. P. Z. S. 1876, p. 527.

Bolivia (*Bridges*); Tilotilo (B.).

481. ORTALIDA GUTTATA (Spix); Scl. & Salv. P. Z. S. 1870, p. 537.

Tilotilo (B.).

Family TETRAONIDÆ.

482. ODONTOPHORUS MARMORATUS, Gould, P. Z. S. 1843, p. 107.
Yuyo (B.).

Family RALLIDÆ.

483. PORZANA MELANOPHÆA (Vieill.); Scl. & Salv. P. Z. S. 1868, p. 453, et Ex. Orn. p. 107, t. liv.

Chiquitos (O.).

484. PORPHYRIOPS MELANOPS (Vieill.); Scl. & Salv. P. Z. S. 1868, p. 461.

Bolivia (O., Mus. Paris).

485. FULICA CORNUTA, Bp.; Scl. & Salv. P. Z. S. 1868, p. 463, et Ex. Orn. p. 120.

Potosi (Cast. et Dev., Mus. Paris).

486. FULICA ARDESIACA, Tsch.; Scl. & Salv. P. Z. S. 1868, p. 464, et Ex. Orn. p. 113, t. lvii.

Bolivian Andes (O.).

487. FULICA LEUCOPTERA, Vieill.; Scl. & Salv. P. Z. S. 1868, p. 468, et Ex. Orn. p. 117, t. lix.

Chiquitos (O., Mus. Paris).

Family THINOCORIDÆ.

488. ATTAGIS LATREILLII, Lesson; Gray, List of Gall. p. 96.
Bolivia (Bridges, Mus. Brit.).

489. THINOCORUS ORBIGNIANUS, Geoffr. & Less.; Scl. & Salv. P. Z. S. 1867, p. 989.

Cinti (B.).

Family SCOLOPACIDÆ.

490. GALLINAGO JAMESONI (Bp.); Scl. & Salv. Ex. Orn. p. 196.
Cillutincara (B.).

491. TRINGA MACULATA (Vieill.); Scl. & Salv. P. Z. S. 1873' p. 455.

Tilotilo (B.).

Family LARIDÆ.

492. LARUS SERRANUS, Tsch.; Scl. & Salv. P. Z. S. 1871, p. 577.
Bolivia (O.).

Family PODICIPITIDÆ.

493. PODICEPS CALLIPARIUS, Less.; Scl. & Salv. Ex. Orn. p. 190.
Potosi (O.).

494. CENTROPELMA MICROPTERUM (Gould); Scl. & Salv. Ex. Orn. p. 189, pl. 95.

Lake Titicaca (Forbes).

Fam. TINAMIDÆ.

495. *CRYPTURUS OBSOLETUS* (Vieill.); Burm. Syst. Ueb. iii. p. 316.

Tilotilo (*B.*).

496. *CRYPTURUS RADIATUS* (Gray).

Tinamus radiatus, Gray, List of Gall. p. 100.

Nothocercus scolopax, Bp. Tabl. d. Gall. p. 18 (?)

Bolivia (*Bridges*, Mus. Brit.).

497. *RHYNCHOTUS MACULICOLLIS*, Gray, List of Gall. p. 102.

Bolivia (*Bridges*).

See Bridges's notes (P. Z. S. 1846, p. 9) in relation to this and other Tinamous of Bolivia.

498. *NOTHOPROCTA ORNATA* (Gray).

Nothoprocta ornata, Scl. & Salv. Nomencl. p. 153.

Rhynchotus ornatus, Gray, List of Gall. p. 102.

Bolivia (*Bridges*).

499. *NOTHOPROCTA PENTLANDI* (Gray).

Nothoprocta pentlandi, Scl. & Salv. Nomencl. p. 153.

Rhynchotus pentlandi, Gray, List of Gall. p. 103.

Nothura punctulata, Mus. Paris (partim).

Andes of Bolivia (*Pentland*, Mus. Brit.). Sicasica and Chiquitos (*O.*, Mus. Paris).

The specimens of this species in the Paris Museum are marked "*Nothura punctulata*, Gay"¹; but we consider *N. pentlandi* distinct, though nearly allied. *N. doeringi*, Cab. (J. f. O. 1878, p. 198) is a third species of the same group.

500. *NOTHURA MARMORATA*, Gray; Gray, List of Gall. p. 104.

Cinti (*O.*).

501. *TINAMOTIS PENTLANDI*, Vig. P. Z. S. 1836, p. 79; Gray & Mitch. Gen. B. t. 137.

Andes near Potosi (*Bridges*). Mus. Brit.

APPENDIX.

List of Bolivian species mentioned by d'Orbigny but not identified by the authors of this paper:—

1. *Emberiza obscura*, d'Orb. & Lafr. Syn. Av. i. p. 81.

Prov. Chiquitos (*O.*).

2. *Emberiza uropygialis*, d'Orb. & Lafr. Syn. Av. i. p. 75.

Andes of Bolivia (*O.*).

¹ Gay, Hist. Phys. y Pol. de Chile, Zool. i. p. 391.

3. *Emberiza olivascens*, d'Orb. & Lafr. Syn. Av. i. p. 75.

La Paz (O.).

4. *Icterus maxillaris*, d'Orb. & Lafr. Syn. Av. ii. p. 6; d'Orb. Voy. Ois. p. 367, t. lii. f. 2, 3. *Cyrtotes maxillaris*, Bp. Consp. i. p. 437.

Cochabamba (O.).

5. *Icterus chrysopterus*, d'Orb. & Lafr. Syn. Av. ii. p. 5.

Bolivia (O.).

6. *Popoaza montana*, d'Orb. & Lafr. Syn. Av. i. p. 64; d'Orb. Voy. Ois. p. 352.

La Paz and Inquisivi, Prov. Sicasica, Palca, Prov. Ayupaya (O.).

7. *Muscisaxicola striaticeps*, d'Orb. & Lafr. Syn. Av. i. p. 66; d'Orb. Voy. Ois. p. 356, t. xli. f. 1.

Environs of La Paz (O.).

8. *Muscicapa olivacea*, d'Orb. & Lafr. Syn. Av. i. p. 54. *Muscicapa boliviana*, d'Orb. Voy. Ois. p. 328.

Prov. Yungas (O.).

9. *Muscicapa ventralis*, d'Orb. & Lafr. Syn. Av. i. p. 53. *Muscicapara ventralis*, d'Orb. Voy. Ois. p. 328.

Territory of the Guarayos Indians (O.).

10. *Muscicapa obsoleta*, d'Orb. & Lafr. Syn. Av. i. p. 53. *Muscicapara obsoleta*, d'Orb. Voy. Ois. p. 328.

Prov. Chiquitos (O.).

11. *Muscicapa stramineoventris*, d'Orb. & Lafr. Syn. Av. i. p. 53. *Muscicapara stramineoventris*, d'Orb. Voy. Ois. p. 327.

Santa Ana, Prov. Chiquitos (O.).

12. *Muscicapa albicilla*, d'Orb. & Lafr. Syn. Av. i. p. 52. *Muscicapara gaimardi*, d'Orb. Voy. Ois. p. 326.

Territory of the Yuracares Indians (O.).

13. *Muscicapa angustirostris*, d'Orb. & Lafr. Syn. Av. i. p. 52. *Muscicapara angustirostris*, d'Orb. Voy. Ois. p. 325.

Prov. Yungas (O.).

14. *Muscicapa elegans*, d'Orb. & Lafr. Syn. Av. i. p. 52. *Muscicapa viridicata*, d'Orb. Voy. Ois. p. 325.

Santa Corazon, Prov. Chiquitos (O.).

15. *Muscipeta querula*, d'Orb. & Lafr. Syn. Av. i. p. 47. *Muscipeta acadica*, d'Orb. Voy. Ois. p. 318.

Mission de Santa Corazon, Prov. Chiquitos (O.).

16. *Muscipeta bimaculata*, d'Orb. & Lafr. Syn. Av. i. p. 48 ; d'Orb. Voy. Ois. p. 320.

Prov. Yungas (O.).

17. *Tyrannus fumigatus*, d'Orb. & Lafr. Syn. Av. i. p. 43 ; d'Orb. Voy. Ois. p. 307.

Irupana, Prov. Yungas (O.).

18. *T. rufescens*, d'Orb. & Lafr. Syn. i. p. 44.

Garayos (O.).

[This is a species of *Attila* ; but we are not certain whether it is *A. thamnophiloides* or an allied species.]

19. *Certhilauda maritima*, d'Orb. & Lafr. Syn. Av. i. p. 72 ; d'Orb. Voy. Ois. p. 360, t. xlv. f. 1.

Cobija (O.).

20. *Upucerthia andecola*, d'Orb. & Lafr. Syn. Av. ii. p. 21 ; d'Orb. Voy. Ois. p. 371, t. lvi. f. 2.

Valley of La Paz, Inquisivi, Totora, and Valle Grande (O.).

21. *Anabates gutturratus*, d'Orb. & Lafr. Syn. Av. ii. p. 14.

Territory of the Yuracares Indians (O.).

22. *Anabates striaticeps*, d'Orb. & Lafr. Syn. Av. ii. p. 19 ; d'Orb. Voy. Ois. p. 254.

Prov. Sicasica (O.).

23. *Dendrocolaptes rectirostris*, d'Orb. & Lafr. Syn. Av. ii. p. 12.

Prov. Chiquitos (O.).

24. *Thamnophilus lafresnayanus*, d'Orb. & Lafr. Syn. Av. i. p. 13. *Formicivora lafresnayana*, d'Orb. Voy. Ois. p. 182, t. vi. f. 1.

Cochabamba (O.).

25. *Thamnophilus affinis*, d'Orb. & Lafr. Syn. Av. i. p. 12 ; d'Orb. Voy. Ois. p. 175.

Mission de Santa Ana, Prov. Chiquitos (O.).

26. *Cypselus montivagus*, d'Orb. & Lafr. Syn. Av. i. p. 70 ; d'Orb. Voy. Ois. p. 357, t. xlii. f. 1.

Las Habras Mountains between Samaypata and Santa Cruz de la Sierra (O.).

27. *Caprimulgus psalurus*, d'Orb. & Lafr. Syn. Av. i. p. 67.

Chiquitos (O.).

28. *Ornismya macrourus*, d'Orb. & Lafr. Syn. Av. ii. p. 26.

Chiquitos, Moxos (O.).

No specimen in Paris Museum, v. Elliot, Ibis, 1877, p. 134.

29. *Ornismya longirostris*, d'Orb. & Lafr. Syn. Av. ii. p. 29.

Guarayos (O.).

No specimen in Paris Museum (Elliot, *l. c.*).

30. *Noctua ferox*, d'Orb. & Lafr. Syn. Av. i. p. 8; d'Orb. Voy. Ois. p. 127.

Prov. Chiquitos (O.).

31. *Ibycter gymnocephalus*, d'Orb. & Lafr. Syn. Av. i. p. 2; d'Orb. Voy. Ois. p. 50.

Cochabamba (O.).

3. On the *Acanthomys leucopus* of Gray.

By EDWARD R. ALSTON, F.L.S., F.Z.S., &c.

[Received June 3, 1879.]

In the first part of Prof. Schlegel's new periodical, 'Notes from the Royal Zoological Museum of the Netherlands at Leyden,' Dr. F. A. Jentink identifies two specimens of a spiny Rat from Celebes with the North-Australian species described by the late Dr. Gray under the name of *Acanthomys leucopus*¹. The specific identity of a *Mus* from Celebes with one from the continent of Australia seemed so unlikely that I suspected that Dr. Jentink might have been misled by Gray's very insufficient description; and I was consequently induced to reexamine the types in the British Museum. A comparison of the description given below with that of Dr. Jentink will show that the two species are evidently quite distinct, the Celebes animal being a fourth smaller than the Australian, with much smaller feet, and having the tail longer than the head and body, thinly haired and tufted, instead of shorter and naked.

In a note to my report on the Rev. G. Brown's collection, I remarked that Gray's species belonged to the restricted genus *Mus* and not to *Acanthomys*, Lesson (= *Acomys*, Geoffroy), and that it would require to be renamed, the specific name being preoccupied by the common North-American White-footed Mouse, the *Mus leucopus* (Rafinesque) of Desmarest and other writers, *Hesperomys leucopus* of more recent zoologists². Dr. Jentink also places the Australian species in the genus *Mus*, but on different grounds; he rejects the genus *Acomys* or *Acanthomys* altogether, as being founded merely on the superficial character of the possession of spinous hairs. But that group was founded by the older Geoffroy on the *Mus cahirinus* of Desmarest; and it has been restricted by subsequent writers to the small group of Ethiopian *Mures* in which a spiny coat is combined with marked cranial peculiarities, notably with shallow pterygoid fossæ, very small incisive foramina and slightly developed coronoid processes³.

¹ P. Z. S. 1867, p. 598.

² P. Z. S. 1877, p. 124, footnote.

³ Cf. Peters, Reise n. Mozambique, i. p. 161; Alston, P. Z. S. 1876, p. 83.



Sclater, Philip Lutley and Salvin, Osbert. 1879. "2. On the Birds collected in Bolivia by Mr. C. Buckley." *Proceedings of the Zoological Society of London* 1879, 588–645. <https://doi.org/10.1111/j.1096-3642.1879.tb02687.x>.

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