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Synopsis Avium Tanagrarum

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SYNOPSIS AVIUM TANAGRINARUM.



S. 968.

A DESCRIPTIVE CATALOGUE



OF THE KNOWN



SPECIES OF TANAGERS.

BY

PHILIP LUTLEY SCLATER, M.A., F.Z.S. &c.



[From the PROCEEDINGS OF THE ZOOLOGICAL SOCIETY,  
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PART I.

Genus I. PITYLUS.

*Pitylus*, Cuv. Regn. An. 1829, ii. p. 413.

*Cissurus*, Reich. Av. Syst. Nat. pl. 77.

*Periporphyrus*, Reich. l. c.

*Caryothraustes*, Reich. l. c.

*Rostrum maximum, breve, altum, latum, quasi coccothraustinum; mandibulae superioris marginibus fortiter sinuatis et mandibulam inferiorem tegentibus; culmine multum incurvo: alae modicæ, remigibus tertia, quarta et quinta longissimis: cauda plus minusve elongata, plerumque rotundata: tarsi robusti.*

The birds of this genus are the most finch-like of the Tanagers, and I have some doubts whether they are not as closely allied to *Guiraca*, *Hedymeles*, and other *Coccothraustine* forms, as to the present group. We want more information as to their habits and internal structure before this point can be satisfactorily settled.

a. *Pitylus*.

1. PITYLUS GROSSUS.

*Coccothraustes americana cærulea*, Briss. Orn. vi. App. p. 89.

*Grosbec bleu d'Amérique*, Buff. Pl. Enl. 154.

*Loxia grossa*, Linn. S. N. i. p. 307.

*Pitylus grossus*, Gray, Gen. p. 362; Schomb. Guian. iii. 677; Bp. Consp. p. 503; Cab. M. H. p. 143.

*White-throated Grosbeak*, Lath. G. H. v. 268.

*Cano-cærulescenti-schistaceus; facie, gutturis lateribus et cervice antica nigris; gula media alba. ♀ minus cærulescens et nigro colore carens.*

Long. tota 7·2, alæ 3·7, caudæ 3·3.

*Hab.* Cayenne; British Guiana (*Schomb.*); Bogota; Pebas, Upper Amazon (*Castelnau et Deville*).

*Mus.* Brit., Paris., Derbiano, &c.

2. PITYLUS FULIGINOSUS.

*Loxia fuliginosa*, Daud. Orn. ii. 372 (1801).

*Coccothraustes cærulescens*, Vieill. Nov. Dict. xiii. 546 (1817), et Enc. Meth. 1016.

*Fringilla gnatho*, Licht. Verz. d. Doubl. p. 22; Max. Beit. iii. 552.

*Pitylus atrochalybeus*, Jard. et Selb. Ill. Orn. i. pl. 3.

*Tanagra psittacina*, Spix, Av. Bras. ii. p. 44, pl. 57, fig. 2.

*Pitylus erythrorhynchus*, Sw. Class. ii. p. 282.

*Pitylus gnatho*, Gray's Gen. ii. p. 362; Bp. Consp. p. 503.

*Saltator psittacinus*, Bp. Consp. p. 490; Gray's Gen. ii. p. 363.

*Pitylus cærulescens*, Cab. M. H. p. 143.

*Sooty Grosbeak*, Lath. G. H. v. p. 269.

*Cærulescenti-niger*, gutture et pectore antico intensioribus, nigris :  
rostro rubro. ♀ unicolor, magis fusca, neque cærulescens.

Long. tota 9·0, alæ 4·1, caudæ 4·3.

*Hab.* South-east Brazil, Rio di Janeiro (*Spix*); Bahia (*Max.*).

*Mus.* Brit., Paris., Derbiano.

b. *Periporphyrus*.

3. PITYLUS ERYTHROMELAS.

*Loxia erythromelas*, Gm. S. N. ii. 859.

*Coccothraustes erythromelas*, Vieill. N. D. d'H. N. xiii. 547; Euc.  
Meth. 1017; Gal. des Ois. i. p. 70, pl. 59.

*Pitylus erythromelas*, Gray, Gen. p. 362.

*Periporphyrus erythromelas*, Bp. Consp. p. 503.

*Black-headed Grosbeak*, Lath. G. H. v. 237, pl. 88.

*Ruber*, capite toto cum gutture nigris : rostro plumbeo. ♀ brunneo-  
flava capite (sicut maris) nigro.

Long. tota 7·6, alæ 4·0, caudæ 3·8.

*Hab.* Cayenne; Para (*Wallace*).

*Mus.* Brit., Paris., &c.

4. PITYLUS CELENO.

*Fringilla celeno*, Licht. Preis-Verz. d. S. u. V. no. 72 (1831).

*Pitylus atro-purpuratus*, Lafr. R. Z. 1838, p. 224 (♂); Gray's  
Gen. p. 362.

*Pitylus atro-olivaceus*, Lafr. R. Z. 1838, p. 224 (♀); Gray's  
Gen. p. 362.

*Pyranga mexicana*, Less. R. Z. 1839, p. 41; Gray's Gen. p. 364;  
Bp. Consp. p. 241.

*Caryothraustes atro-olivaceus*, Bp. Consp. p. 503.

*Periporphyrus atro-purpuratus*, Bp. Consp. p. 503.

*Niger*: torque cervicali postica cum lateribus pectoris et ventre  
rubris: tectricibus subalaribus roseis: rostro plumbeo. ♀ olivacea,  
subtus flavescensior; pileo toto et gutture nigris.

Long. tota 8·4, alæ 4·0, caudæ 3·5.

*Hab.* South Mexico, Papantla (*Deppe*).

*Mus.* Paris., Lugdunensi, Berolin.

c. *Caryothraustes*.

5. PITYLUS VIRIDIS.

*Coccothraustes canadensis*, Briss. Orn. iii. 229.

*Grosbec de Cayenne*, Buff. Pl. Enl. 152, fig. 2 (fig. pess.).

*Loxia canadensis*, Linn. S. N. i. 304; Gm. i. 856; Lath. Ind.  
Orn. i. 379; Daud. ii. 373; Shaw's Zool. ix. 269.

*Pitylus canadensis*, Gray, Gen. p. 362; Schomb. iii. 667.

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- Coccothraustes viridis*, Vieill. Enc. Meth. p. 1017.  
*Caryothraustes viridis*, Cab. Mus. Hein. p. 144; Sclater, Tan. Cat. Sp. p. 3.  
*Caryothraustes cayanensis*, Bp. Consp. p. 514 (*partim*).  
*Pitylus personatus*, Less. Rev. Zool. 1839, p. 42; Descr. d. Mamm. et Ois. p. 344.  
*Canada Grosbeak*, Lath. G. H. v. p. 382.  
*Supra flavo-olivaceus, pileo flavescentiore; subtus flavus: loris et gula tota nigris.*  
 Long. tota 5·9, alæ 3·5, cauda 2·5.  
*Hab.* Cayenne (*Buff.*); British Guiana (*Schomb.*).  
*Mus.* Brit., Paris., &c.

#### 6. PITYLUS BRASILIENSIS.

- Fringilla viridis*, Max. Beít. iii. 555.  
*Fringilla cayanensis*, Licht. Verz. p. 22 (excl. Syn.).  
*Caryothraustes brasiliensis*, Cab. Mus. Hein. p. 144.  
*Similis* Pitylo viridi, sed major, rostro fortiore et nigredine gulari magis extensa.  
 Long. tota 6·8, alæ 3·7, caudæ 3·0.  
*Hab.* South Brazil, prov. Bahia (*P. Max.*).  
*Mus.* Berolin., &c.

#### 7. PITYLUS POLIOGASTER.

- Pitylus poliogaster*, Dubus, Bull. Ac. Brux. xiv. pt. ii. p. 105 (1847); Rev. Zool. 1848, p. 245; Gray's Gen. App. p. 16.  
*Pitylus flavocinereus*, Cassin, Pr. Ac. Phil. iv. p. 47 (1848).  
*Fringilla episcopus*, Licht. in Mus. Berol.  
*Caryothraustes episcopus*, Bp. Consp. p. 504.  
*Canada Grosbeak*, var. A. Lath. G. H. v. p. 282?  
*Olivacescenti-flavus: tectricibus alarum dorso proximis, dorso postico et abdomine cinereis: loris et gula nigris.*  
 Long. tota 7·0, alæ 3·7, caudæ 3·0.  
*Hab.* Mexico, Cosamaluapan (*Deppe*); vic. of Cordova (*Sallé*); Guatimala (*Dubus*).  
*Mus.* Berolin., Lugdunens., Philadelph. Academ. et Bruxell.

### Genus II. ORCHESTICUS.

- Orchesticus*, Cab. Mus. Hein. p. 143 (1851).  
*Rostrum modicum, breve, altum, latum, tumidum; mandibulæ superioris marginibus non sinuatis, culmine incurvo; alæ modicæ, remigibus secunda, tertia, quarta et quinta longissimis; cauda subrotundata.*

#### 1. ORCHESTICUS ABEILLII.

- Pyrrhula abeillei*, Less. Rev. Zool. 1839, p. 40.  
*Tanagra occipitalis*, Natt. in Mus. Berol.  
*Orchesticus occipitalis*, Cab. Mus. Hein. p. 143.

*Diucopsis leucophæa*, Bp. Consp. p. 491 (excl. syn.).

*Schistochlamys abeillei*, Selater, Tan. Cat. Sp. p. 4.

*Tangara roux*, Less. Tr. d'Orn. p. 464.

*Olivascenti-cinereus*, pileo plumbescente, fronte, alis caudaque rufis :  
subtus dilutior, ochraceo-rufus; lateribus obscurioribus :  
rostro plumbeo.

Long. tota 7·4, alæ 3·4, caudæ 3·5.

Hab. South Brazil, Bahia (*J. Verreaux*).

Mus. Paris., Brit., Berol., &c.

This curious bird has long been common in European collections, being often transmitted from Bahia. From its appearance one would suppose it to be a female, but M. Jules Verreaux (who has himself shot it in the island of Itaparica) informs me that the natives consider it a distinct species.

Lesson's description of his *Pyrrhula abeillei* "corpore isabellino : occipite, dorso et cauda supra brunneo-isabellinis : infra fronte et collo late isabellinis : alarum pennis nigris extus rufis," is, I think, sufficiently accurate to warrant us using his specific name for this bird.

## 2. ORCHESTICUS CAPISTRATUS.

*Saltator ruficapillus*, Vieill. Nouv. Dict. xiv. 108; Enc. Méth. p. 793; Puch. Arch. Mus. Paris. vii. 355?

*Tanagra capistrata*, P. Max. Reise n. Bras. ii. 500 (1821), et Beitr. iii. 500; Spix, Av. Bras. ii. p. 41, pl. 54, fig. 1.

*Pitylus capistratus*, Sw. Class ii. p. 282.

*Tuchyphonus? capistratus*, Gray's Gen. p. 365.

*Diucopsis capistrata*, Bp. Consp. p. 491.

*Schistochlamys capistrata*, Selater, Tan. Cat. Sp. p. 4.

*Tanagra leucophæa*, Licht. Verz. d. Doubl. p. 32, 1823.

*Schistochlamys leucophæa*, Cab. Mus. Hein. p. 141.

"*Tanagra conspicillata*, Mus. Paris." Bp. Consp. p. 491.

*Schistaceus*, pileo brunnescentiore: rostri cærulescentis ambitu nigro :  
subtus pallide ochraceo-rufus, ventre medio albescente, lateribus  
schistaceis.

Long. tota 6·7, alæ 3·3, caudæ 3·0.

Hab. South-east Brazil, prov. Bahia, et Minas Geraes (*P. Max.*); Rio (*Spix*).

Mus. Brit., Paris., &c.

## 3. ORCHESTICUS ATER.

*Tangara à cravatte noire de Cayenne*, Buff. Pl. Enl. 714, fig. 2.

*Tanagra atra*, Gm. S. N. 898.

*Saltator ater*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 36; Cab. in Schomb. Reis. iii. 677.

*Nemosia atra*, Bp. Consp. p. 236.

*Diucopsis atra*, Bp. Consp. p. 492.

*Schistochlamys atra*, Cab. Mus. Hein. p. 141; Selater, Tan. Cat. Sp. p. 4, et P. Z. S. 1855, p. 154.

*Tanagra melanopsis*, Lath. Ind. Orn. i. p. 422; Max. Beitr. iii. 504.

*Saltator melanopis*, Vieill. Nouv. Dict. xiv. p. 103, et Enc. Méth. p. 790; d'Orb. Voy. p. 291; Tsch. F. P. p. 210.

*Le Camail*, Desm. Tan. pl. 42.

*Black-faced Tanager*, Lath. G. H. vi. p. 12.

*Cinereo-griseus, subtilus dilutior*: pileo antico et capitis lateribus cum gutture toto juguloque nigris. Junior ex cinereo olivascens unicolor, nigredine vix perspicua.

Long. tota 6·2, alæ 3·3, caudæ 2·9.

*Hab.* British Guiana (*Schomb.*); Cayenne; Trinidad; New Grenada, Bogota; North-east Peru, wood-region (*Tsch.*); Bolivia, Moxos and Chiquitos (*d'Orb.*); Goyaz and Albuquerque, Rio Paraguay (*Cast. et Dev.*); South Brazil, prov. Rio and Espiritu S. (*P. Max.*).

*Mus.* Brit., Paris., &c.

### Genus III. DIUCOPIS.

*Diucopis*, Bp. Consp. p. 491 (1850).

*Schistochlamys*, Reich. Av. Syst. Nat. pl. 77 (1850).

*Rostrum suberiguum, rectum, conicum; alæ brevissimæ, remige prima secundam subæquante, hac cum tertia, quarta et quinta æqualibus et longissimis: cauda modica, subquadrata.*

#### I. DIUCOPIS FASCIATA.

*Tanagra fasciata*, Licht. Verz. d. Doubl. p. 32; Max. Beit. iii. 493; Bp. Consp. p. 238.

*Tanagra axillaris*, Spix, Av. Bras. ii. 41, pl. 54, fig. 2.

*Tachyphonus axillaris*, Gray, Gen. p. 365.

*Diucopis fasciata*, Bp. Consp. p. 491.

*Schistochlamys fasciata*, Selater, Tan. Cat. Sp. p. 3.

*Schistacea, subtilus albescens: loris, regione oculari et tectricibus alarum nigris: gutture et ventre toto cum fascia alari albis.*

Long. tota 6·9, alæ 2·9, caudæ 2·6.

*Hab.* South-east Brazil, prov. San Paolo (*Licht.*); Minas and Bahia (*P. Max.*).

*Mus.* Brit., Paris., Derbiano.

This bird differs from the members of the genus *Orchesticus*, with which it has been lately associated, in the smaller straighter bill, very short wings, and more squared tail.

#### 2. DIUCOPIS SPECULIGERA.

*Schistochlamys speculigera*, Gould, P. Z. S. 1855, p. 68, et Ann. N. H. xv. p. 345.

*Nigra: speculo alarum, tectricibus subalaribus et macula sub nucha pennis oblecta cum corpore subtilis albis: lateribus et dorso postico schistaceis.*

Long. tota 6·7, alæ 3·1, caudæ 2·8.

*Hab.* East Peru, river Ucayali (*Hawswell*).

*Mus.* Brit.



Mr. Gould's types are the only specimens I have seen of this peculiar bird. They were collected by Mr. Hawxwell in August 1852 upon the Ucayali, and are marked "*Irides red.*" I rather doubt this being the true place of this species, but at present I am unable to indicate a better one.

#### Genus IV. SALTATOR.

*Saltator*, Vieillot, Analyse, p. 32 (1816).

*Rostrum forte, elongatum, incurvum, vix sinuatum sed apice dentata: alæ rotundatæ, remigibus tertiâ, quarta et quinta fere æqualibus et longissimis: cauda admodum longa et plerumque rotundata: pilosis olivacea, schistacea, fulva, brunnea: sexus similes.*

##### 1. SALTATOR ATRICEPS.

*Saltator atriceps*, Less. Cent. Zool. pl. 69; Gray, Gen. p. 363; Bp. Consp. p. 489; Cab. M. H. p. 142.

*Arremon giganteus*, Bp. P. L. Z. 1837, p. 117; Gray, Gen. p. 361.

*Pyrrhula raptor*, Cabot, Boston Journ. v. p. 90.

*Saltator raptor*, Gray's Gen. App. p. 16; Bp. Notes s. l. coll. Delattre, p. 23.

*Flavo-olivaceus: capite toto cum mento et vitta cervicem anticam cingente nigris: superciliis a fronte curtis et plaga guluri media albis: abdomine cinereo, crisso ochraceo-rufo.*

Long. tota 9·5, alæ 4·7, caudæ 4·7.

*Hab.* South Mexico, Papantla (*Deppe*); vic. of Cordova (*Sallé*); Guatimala (*Bp.*); Escuintla (*Mus. Brit.*); Yucatan (*Cabot*).

*Mus. Brit., Parisiensi, &c.*

This is the largest and finest species of the genus. Prince Bonaparte (Notes Orn. s. l. coll. Delattre, p. 23) seems to consider Dr. Cabot's *Pyrrhula raptor* distinct, but Mr. Cassin, in his communication on Dr. Cabot's birds given in 'Jardine's Contributions,' 1852, p. 96, states it to be identical with the present bird, and the description given by Prince Bonaparte is applicable in every respect to this species.

##### 2. SALTATOR MAGNOIDES.

*Saltator magnoides*, Lafr. R. Z. 1844, p. 41; Gray, Gen. App. p. 10; Bp. Consp. p. 489.

*Saltator gigantodes*, Cab. M. H. p. 143.

*Supra olivaceus; capite cinereo, pileo viridi mixto: subtus schistaceus, mento albo, gutture et crisso ferrugineis: vitta lata gutturem undique cingente nigra.*

Long. tota 7·5, alæ 4·0, caudæ 3·6.

*Hab.* Mexico (*Lafr.*); vic. of Cordova (*Sallé*); Coban (*Mus. Brit.*); Chiriqui (*Bridges*).

*Mus. Brit. et Heineano.*

The *S. magnoides* is very like the preceding species but much smaller in size, and with but slight supercilia. Besides, the chin is

white and the throat brown like the *crissum*. I have seen the type of *S. gigantodes* in Herr Heine's museum, and consider it the same as *magnoides*.

### 3. SALTATOR MAGNUS.

*Tangara des grands bois de Cayenne*, Buff. Pl. Enl. 205 (fig. pess.).  
*Tanagra magna*, Gm. S. N. p. 890; Lath. Ind. Orn. i. p. 422;  
 Max. Beitr. iii. 525.

*Le griverd de Cayenne*, Buff. Pl. Enl. 616 (fig. pess.)?

*Coracias cayana*, Bodd. Table d. Pl. Enl.

*Coracias cayennensis*, Gm. S. N. p. 381.

*Saltator virescens*, Vieill. Nouv. Dict. xiv. 104, et Enc. Méth.  
 p. 790?

*Saltator olivascens*, Vieill. Nouv. Dict. xiv. 108; Enc. Méth.  
 p. 794, et Gal. des Ois. p. 103, pl. 77; Tsch. F. P. p. 209.

*Saltator cayennensis*, d'Orb. Voy. p. 290.

*Saltator magnus*, Gray's Gen. p. 363; Bp. Consp. p. 489; Cab.  
 Mus. Hein. p. 142.

*Supra flavescenti-olivaceo-viridis, capitis lateribus cinereis, superciliis ante oculos curtis albis: subtus fulvescenti-cinereus: gula media alba, utrinque nigro-marginata, cervice antica crissoque pallide rufis: rostro nigro.*

Long. tota 8·0, alæ 4·0, caudæ 3·7.

*Hab.* Cayenne (*Poiteau* in Mus. Paris.); British Guiana (*Schomb.*); Bogota (*Mus. Brit.*); East Peru, wood-region (*Tsch.*); Pintobamba (*Cast. et Dev.*); Bolivia, Yuracares (*d'Orb.*); Brazil, Rio (*P. Max.*).

*Mus. Brit., Paris., &c.*

This *Saltator* seems very widely distributed over the South American continent, and is in that respect different from the rest of its congeners. It may be at once distinguished by its uniform bright olive-green upper plumage (not of so yellowish a tint as in *Saltator atriceps*), and the brownish blotch on the foreneck: from *S. magnoides* it differs in the want of the black throat-band.

The Brazilian skins are of rather larger dimensions than the Cayenne birds, but do not otherwise differ.

### 4. SALTATOR ICTEROPYGIUS.

*Saltator icteropyga*, Dubus, Esq. Orn. pl. 13; Gray, Gen. App.  
 p. 16.

*Supra saturate cinerascanti-fuscus: superciliis, mento et gutture albis: pectore et epigastrio fulvescenti-cinereis: ventre dilute fulvo: hypochondriis cinereo-fulvis: crisso citrino: remigibus fuscis, extus cinereo limbatis: reatricibus supra nigris viridi-æneo submicantibus cinereoque extus limbatis: lateralibus quatuor utrinque macula magna alba in medio pogonii interni notatis: rostro corneo: pedibus fuscescentibus.*

*Hab.* Mexico.

The Vicomte Dubus has given the above description of this curious *Saltator*, of which there is a specimen in his collection. Prince



Bonaparte, in his 'Conspectus,' states, on the authority of Baron de Lafresnaye, that it is merely the common *S. magnus* supplied with the tail of a *Ptilogonys*. But Dr. Hartlaub, who has lately inspected the bird, is quite convinced of its being a good and distinct species. (See Journ. f. Orn. 1854, p. 255.)

#### 5. SALTATOR SIMILIS.

*Tanagra superciliaris*, Max. Beitr. iii. 518?

*Saltator similis*, Lafr. et d'Orb. Syn. Av. i. p. 36; d'Orb. Voy. p. 290, pl. 28, fig. 2; Gray, Gen. p. 363; Tsch. F. P. p. 209?; Bp. Consp. p. 489; Cab. Mus. Hein. p. 143.

*Saltator gutturalis*, Licht. in Mus. Berol.

*Supra cinereus; interscapulio et alarum marginibus olivaceo-vidibus: superciliis longis albis: subtus albido-cinereus, medialiter fulvo tinctus: gutture toto pure albo, utrinque nigro marginato: crisso rufescente: rostri inferioris basi alba.*

Long. tota 9.0, alæ 4.0, caudæ 4.0.

*Hab.* South Brazil, Corrientes (d'Orb.); Peru, wood-region and coast (Tsch.).

*Mus.* Paris., Brit.

This bird is common among the collections of Brazilian skins so frequently imported of late years. Comparing it with *S. magnus*, we find the olive colour, which there pervades the entire upper surface, confined in the present species to the middle of the back and edgings of the wings, the rest of the upper plumage being cinereous. The throat too is pure white, and wants the rufous blotch on the fore-neck.

#### 6. SALTATOR OLIVASCENS.

*Saltator olivascens*, Cab. in Schomb. Reise, iii. 676; Bp. Consp. p. 490; Cab. Mus. Hein. p. 142.

*Saltator plumbeus*, Bp. Notes Orn. p. 23.

*Fusco-cinereus unicolor; superciliis ante oculos curtis et gutture albis, hoc utrinque nigro marginato: subtus albo-cinereus, pectore cinerascens; ventre medio albescentiore, inferiore cum crisso pallide rufescenti-ochraceis: rostro nigro.*

Long. tota 8.0, alæ 3.75, caudæ 3.3.

*Hab.* British Guiana (Schomb.); Cayenne (*Mus. Paris.*); Venezuela, Cumana (*Mus. Eytoni*); S. Martha (*Bp.*); Trinidad (*Lord Harris*).

*Mus.* Bremensi; Eytoni; Berolin.; Heineano.

There is no trace of green colour on the plumage of this *Saltator*, the upper surface being uniform blackish-cinereous, as in *Saltator grandis*, to which it is very closely allied. But the latter bird may be distinguished by the blacker sides of the head and ear-coverts, and the greater breadth of the stripes on each side of the throat, which leave only a narrow longitudinal white band in the middle of it. And in the Central American bird the ochraceous colour of the crissum extends all over the abdomen more or less, while in the present species the middle of the belly is nearly white.

I have Prince Bonaparte's type of *S. plumbeus* in my possession, and consider it clearly the same as Dr. Cabanis' species.

#### 7. SALTATOR GRANDIS.

*Tanagra grandis*, Licht. Preis-Verz. no. 67 (1831).

*Saltator rufiventris*, Vig. Beechey's Voy. Pac. p. 19?

*Saltator vigorsi*, Gray, Gen. p. 363?; Bp. Consp. p. 489; Cab. Mus. Hein. p. 143; Bp. Notes Orn. p. 23.

*Saltator icterophrys*, Lafr. Rev. Zool. 1844, p. 40; Gray's Gen. App. p. 16; Bp. Consp. p. 490 (juv.?)??

*Saltator grandis*, Licht. in Mus. Berol.

*Saltator nigrigenis*, Sclater, MS.

*Supra nigrescenti-cinereus, lateribus capitis nigris: superciliis albis: gutturis stria mediali alba, utrinque late nigro marginata: abdomine cinereo fulvo tincto: ventre imo et crisso rufescentibus. Junior (S. ICTEROPHRYS, Lafr.?). Supra olivaceo indutus, superciliis et campterio flavidis: ventre rufescentiore.*

Long. tota 7.75, alæ 4.0, caudæ 4.0.

*Hab.* South Mexico, Jalapa (*Mus. Berol.*); Orizaba (*Boteri*); vic. of Cordova (*Sallé*); Guatemala (*Constancia*).

I have already stated the characters which distinguish this species from the preceding, which is its representative in the more northern portions of the South American continent, while *S. azarae* seems to take its place in Bolivia.

I am glad to be able to adopt Lichtenstein's name for the present bird, because I can only very doubtfully refer the other synonyms to this species, and in this state of uncertainty have occasionally applied to it the MS. name *nigrigenis*. But since I have seen the types of *S. grandis* at Berlin, and have ascertained that they are really the same as my *nigrigenis*, I have adopted Lichtenstein's name, which was published, although with rather insufficient specific characters, in 1831.

#### 8. SALTATOR MUTUS.

*Tanagra superciliaris*, Spix, Av. Bras. ii. 44, pl. 57?

*Saltator superciliaris*, Cab. Mus. Hein. p. 142, *certe*.

*Saltator cærulescens*, Tsch. F. P. p. 209? (teste Cab.).

*Tanagra muta*, Licht. in Mus. Berol.

*Supra nigricanti-cinereus unicolor; subtus albescenti-cinereus: superciliis ante oculos curtis et gutture medio albis, hoc nigro marginato: ventre medio albescentiore, crisso pallide rufescente: rostro nigro.*

Long. tota 8.5, alæ 4.3, caudæ 4.0.

*Hab.* North Brazil, Lower Amazon, island of Mexiana (*Wallace*).

*Mus. Berol.*

The description and figure given by Spix of his *S. superciliaris* are as applicable to this species as any other; but without examining the type (which I vainly sought for the last time I was at Munich), it is impossible to be sure of being right in using his name for the present

bird, and I have therefore adopted for it Lichtenstein's term *mutus*, by which it is known in the Berlin museum. In fact, the names *superciliaris* and *cærulescens* have been applied to so many of this group of species, and the original descriptions upon which these terms rest are so indefinite, that it only produces further confusion to continue to employ them.

The *Saltator mutus* is rare in collections. Besides the example at Berlin I have only seen the specimens collected by Mr. Wallace in the neighbourhood of Para, from one of which my characters are taken. It is distinguished from all its allies by the uniform blackish-gray colouring of the plumage, the same below as above, only much lighter and more white, without any tinge of green, brown or rufous, except on the crissum. The supercilia only extend to the top of the eye. The bill is deep black and more elongated than in its congeners.

#### 9. SALTATOR AZARÆ.

*Saltator azaræ*, d'Orb. Voy. p. 287: Bp. Consp. p. 490.

*Supra nigricanti-cinereus, dorso virescente tincto: alis nigricantibus cinereo limbatis: superciliis curtis et gutture medio albis, hoc anguste nigro marginato: abdomine summo albescente, cinereo et ochraceo tincto, imo autem cinnamomescenti-ochraceo.*

Long. tota 9·0, alæ 4·3, caudæ 4·3.

*Hab.* Bolivia, prov. Moxos and S. Cruz de la Sierra (d'Orb.).

*Mus.* Brit., Paris.

The closest allies of this bird are certainly *S. grandis* and *olivascens*, particularly the latter; but it is larger than either of them. From *S. olivascens* it may be also known by its cinereous back, having rather a greenish than a brownish tinge, and a deeper cinnamomeous colouring extending from the vent up to the middle of the belly, which in the *S. olivascens* is nearly white. From *S. grandis* it differs in its shorter bill and narrow throat-stripes, besides its superior size.

#### 10. SALTATOR CÆRULESCENS.

*Habia ceja blanca*, Azara, Pax. i. p. 344.

*Saltator cærulescens*, Vieill. Nouv. Diet. xiv. 105, et Enc. Méth. p. 791; Hartl. Ind. Az. p. 6; d'Orb. Voy. p. 287.

“*Saltator superciliaris*, Spix,” d'Orb. *ib.*

*Fusco-brunneus, virescente paululum tinctus, alis extus olivaceo marginatis: subtus cinerascens-albus: gutture medio albo, utrinque nigro marginato: ventre et crisso rufescente indutis, crisso saturatiore: superciliis a fronte ad nucham albis.*

*Hab.* Paraguay (Azara); Corrientes in rep. Arg. (d'Orb.).

*Mus.* Parisiensi.

I have only seen one specimen of this species, which is in the Paris Museum, and was brought by d'Orbigny from Corrientes. It is certainly very closely allied to the Bolivian '*azaræ*.' But the bill is shorter and thicker, and there is a greenish colouring on the back

and wings, of which there are no traces in the other bird, though I have some doubt whether this may not be due to the individual not being fully adult.

11. *SALTATOR GULARIS.*

*Loxia gularis*, Less. Tr. d'Orn. i. p. 448.

"*Saltator cærulescens*, Vieill.," Cab. Mus. Hein. p. 142.

*Saltator superciliaris*, Licht. in Mus. Berol.

*Saltator gularis*, Lafr. in Mus. suo.

*Supra nigrescenti-plumbeus, superciliis longis a fronte ad imam cervicem albis: subtus fulvescens, gutture utrinque nigro marginato; pectore et cervicis lateribus cinerascentibus: ventre medio albescentiore: rostro brevissimo, crassissimo, nigro, apice uncinata: mandibula superiore juxta nares aurantia.*

Long. tota 8·5, alæ 4·0, caudæ 4·0.

Hab. Monte Video (Cab.).

12. *SALTATOR MAXILLOSUS.*

*Saltator maxillosus*, Cab. Mus. Hein. p. 142 (note).

*Similis S. gulari, sed rostro adhuc majore, subtus minus ferrugineus, et alis olivaceo perfusis: a S. muto autem gula non alba sed sordide flavescenti-grisea et crisso clarius ferrugineo, necnon rostro forti dignoscendus.* (Cab. l. c.)

Hab. Monte Video (Cab.).

Mus. Berol.

I examined the type of this species when at Berlin, and was rather doubtful about its real distinctness from the preceding. I possess a specimen very much resembling it, as far as I can recollect and can gather from Cabanis' description. The bill of this example is not thicker than in one specimen of *S. gularis*, but is uniform black, and the back and wings are olive-green as in that in the Berlin Museum. But I think it is probable that this may be an immature stage of *S. gularis*.

13. *SALTATOR RUFIVENTRIS.*

*Saltator rufiventris*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 35; d'Orb. Voy. p. 289, pl. 28, fig. 1; Gray's Gen. p. 363; Bp. Consp. p. 489.

*Saturate plumbeus: superciliis elongatis albis: abdomine castaneo.*

Long. tota 9·0, alæ 4·4, caudæ 4·0.

Hab. Bolivia (d'Orb. et Bridges).

Mus. Brit. et Paris.

M. d'Orbigny found this species very common in the environs of Enquisivi, in the province of Sicasica, and near Palca, in the province of Ayupaya in Bolivia. Mr. Bridges' specimens in the British Museum are also from Bolivia. It is a well-marked bird, and not likely to be confounded with any of its congeners.

14. *SALTATOR AURANTIROSTRIS.*

*Habia pico naranjado*, Azara, Pax. i. p. 349.

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*Saltator aurantiorostris*, Vieill. N. D. d'H. N. xiv. p. 103, et Enc. Méth. p. 789; d'Orb. et Lafr. Syn. Av. in Mag. de Zool. 1837, p. 35; d'Orb. Voy. p. 288; Gray, Gen. p. 363; Bp. Consp. p. 490.

*Supra cinereus, pileo obscuriore: capitis lateribus, vitta subgutturali conjunctis, nigris: superciliis postice dilatatis et gutture albis: abdomine ochraceo-albido: cauda nigra, rectricibus lateralibus albo terminatis: rostro aurantio.*

Long. tota 8·5, alæ 4·0, caudæ 3·75.

*Hab.* Paraguay (*Azara*); Corrientes, La Plata (*d'Orb.*); Bolivia, Sicasica, Mizque, Valle-grande, Ayupaya, Cochabamba and La Paz (*d'Orb.*); Peru, Echarate (*Cast. et Dev.*).

*Mus.* Brit., Paris. &c.

This species, which may be always recognized by its bright orange bill, seems rather variable in some respects. There is a fine series of specimens of it in the Paris Museum, collected by d'Orbigny and Castelnau and Deville. In what seem to be the fully adults, the front sides of the head, throat and breast, are all deep black, a post-superciliary stripe and middle of the throat only being white. Others, which I suppose are immature, have the white space on the throat much larger, the black guttural band being confined to a mere ring, which in some specimens is hardly apparent.

#### 15. SALTATOR ALBICOLLIS.

*Saltator albicollis*, Vieill. N. D. d'H. N. xiv. 107, et Enc. Méth. p. 793; Gray, Gen. p. 363; Bp. Consp. p. 489.

*Fusco-olivaceus; subtus albo-subvirescens fusco maculatus: superciliis gulaque albidis.* (Bp.)

I have examined the type-specimen at Paris upon which Vieillot founded this species, and from which Prince Bonaparte took the short characters above given. It seems to be an immature bird, and I think the locality, *Cayenne*, is most likely wrong. I suspect it was probably from Trinidad, in which island there is a *Saltator* belonging to this section with the flammulated under-plumage. Of this I possess an example which may be described as follows:—

“Above greenish-olive; head darker, uropygium more cinereous; small yellowish supercilia before the eye; wings bordered with bright olive-green; tail brown like the wing-feathers inside, rectrices edged basally with cinereous; under-surface white, regularly flammulated with olive-green, middle of the throat and belly nearly all white, just the shafts of the feathers only being olive; under wing-coverts white; bill black, with the apex yellow. Whole length 7·5; wing 3·5, tail 3·3.”

There is a peculiar twist in the commissure in this bird which seems to agree with what Vieillot says of his *S. albicollis*; and I think it very probable that it is this Trinidad species that ought to bear that name.

But until an accurate comparison can be made between a series of individuals of each of the five members of this section of the genus, I think it almost hopeless to determine the species satisfactorily.



## 16. SALTATOR STRIATIPECTUS.

*Saltator striatipectus*, Lafr. R. Z. 1847, p. 73; Gray, Gen. App. p. 16; Bp. Consp. p. 489.

*Supra olivaceus; uropygio caudaque cinereis: linea a naribus ad oculos, palpebrisque pallide sulphureis: subtus albus, pectore parum ochraceo tincto et striis fusco-olivaceis flammulato: gula, ventre et ano albis: gutturis albedine lateraliter vitta fusca marginata: rostro nigro-corneo, apice pallescente.*

Long. tota 7.4.

*Hab.* Caly in New Grenada (*Lafr.*).

*Mus.* Lafresnayano.

## 17. SALTATOR MACULIPECTUS.

*Saltator maculipectus*, Lafr. R. Z. 1847, p. 73; Gray, Gen. App. p. 16; Bp. Consp. p. 489.

*Supra fusco-griseus, dorso supremo parum olivaceo tincto: remigibus fuscis olivaceo marginatis: macula ante oculos, palpebrisque vix conspicue albescentibus: subtus albus; collo antico pectoreque maculis sordide griseis, quæ supra ventrem et hypochondria in strias angustas mutantur, variegatis.*

Long. tota 6.8.

*Hab.* New Grenada (*Lafr.*).

*Mus.* Lafresnayano.

M. de Lafresnaye says of this species, that it differs from the preceding by its smaller size, grey and not olive tinge on the head and neck, belly white and not washed with olive, and beak shorter and yellow at the point.

## 18. SALTATOR GUADALUPENSIS.

*Saltator guadalupensis*, Lafr. R. Z. 1844, p. 167; Gray, Gen. App. p. 16; Bp. Consp. p. 489.

*Supra olivaceus; uropygio caudaque sordide griseis; vitta superciliari angusta a naribus ad occiput ducta albido-virescente: subtus griseo-rufescens; hypochondriis griseo-obscurioribus; ano pallide rufescente; pectore et ventre flammulis obscurioribus parum conspicuis variegatis: gutture colloque antico albis, utrinque vitta nigra marginatis: rostro basali et medio brunneo-nigris, apicali albido-flavo.*

Long. tota 7.9.

*Hab.* Island of Guadeloupe (*Ricord*).

*Mus.* Parisiensi.

## 19. SALTATOR MARTINICENSIS.

*Saltator martinicensis*, Bp. Consp. p. 489.

*Similis S. guadalupensi, sed rostro minus robusto (!).* (Bp.)

*Hab.* Island of Martinique.

*Mus.* Parisiensi.

There are six specimens of this *Saltator* from the island of Mar-

tinique in the museum of the Jardin des Plantes, presented by M. Alexander Rousseau in April 1842. I cannot see any specific difference between them and the Guadaloupe bird.

20. *SALTATOR ORENOCENSIS.*

*Saltator orenocensis*, Lafr. R. Z. 1846, p. 275; Gray, Gen. App. p. 16; Bp. Consp. p. 490; Cab. M. H. p. 143.

*Saltator genalis*, Licht. in Mus. Berol.

*Supra griseo-plumbeus; alis caudaque nigris, remigibus primariis strictissime secundariis et tertiariis late cinereo terminatis: tectricibus omnibus ejusdem coloris: rectricibus supra basi et extus griseo quasi vittatis, infra grisescentibus: vitta lata superciliari, gutture, collo antico, maculaque parva ad mandibulæ basin niveis: genis cum capitis, colli et pectoris lateribus atris: subtus pallide ochraceus, hypochondriis et subcaudalibus ferrugineis: rostro nigro aut nigro-plumbeo: pedibus fuscis.*

Long. tota 6·8.

*Hab.* Venezuela, Angostura (*Mus. Bremensi*); Trinidad (*Mus. H. E. S.*).

*Mus.* Berolinensi, Heineano.

21. *SALTATOR ATRICOLLIS.*

*Habia gola negra*, Azara, Pax. i. p. 348.

*Saltator atricollis*, Vieill. N. D. d'H. N. xiv. 104, et Enc. Méth. p. 790; Less. Descr. d. Mamm. et Ois. p. 344; d'Orb. Voy. p. 288; Gray's Gen. ii. p. 363; Bp. Consp. p. 490.

*Tanagra atricollis*, Spix, Av. Bras. ii. p. 43, pl. 56, fig. 2.

*Habia robustona*, Azara, Pax. i. p. 350.

*Saltator validus*, Vieill. N. D. d'H. N. xiv. 106; Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 35.

*Tanagra jugularis*, Licht. Doubl. p. 31.

*Fringilla jugularis*, Max. Beitr. p. 558.

"*Loxia capsicum*, Val.," Less. Tr. d'Orn. i. 448.

*Saltator sordidus*, Less. Echo d. M. S. 1845, p. 295.

*Fusco-rufescens: alis caudaque et pilei pennis subtus nigricantibus: capite laterali et gutture toto nigris: abdomine albo-rufescente, ventre saturatiore: rostro aurantio, culmine nigro.*

Long. tota 8·0, alæ 3·75, caudæ 3·75.

*Hab.* Eastern Brazil, prov. Minas Geraes (*Spix*); San Paolo (*Licht.*); Rio; Bolivia, Chiquitos (*d'Orb.*); Paraguay (*Azara*).

*Mus.* Brit., Berol., Paris. &c.

Genus V. *PSITTOSPIZA.*

*Psittospiza*, Bp. Compt. Rend. xxxi. p. 424 (1850).

*Chlorornis*, Reichb. Av. S. N. pl. 77 (1850).

*Rostrum rectiusculum, elongatum, culmine incurvo, gonyde ascendente, dente finali distinctissimo: alæ elongatæ, remigibus secunda, tertia et quarta longissimis: cauda quadrata: pilosis nitide viridis.*

## 1. PSITTOSPIZA RIEFFERI.

- Tanagra riefferi*, Boiss. R. Z. 1840, p. 4.  
*Saltator riefferi*, Gray, Gen. p. 363, pl. 89; Tsch. F. P. p. 210.  
*Tanagra prasina*, Less. Echo d. M. S. 1843, p. 947.  
*Psittospiza prasina*, Bp. Consp. p. 492.  
*Chlorornis prasina*, Cab. Mus. Hein. p. 141.  
*Saltator elegans*, Tsch. Wieg. Archiv, 1844, p. 288.  
*Latissime viridis, lateribus capitis et gula summa cum ventre imo castaneis: rostro aurantio: pedibus flavis.*  
 Long. tota 7·2, alæ 4·5, caudæ 3·5.  
 Hab. New Grenada, Bogota; Ecuador, forests of the Andes near Quito (Jameson); wood-region of East Peru (Tsch.).  
 Mus. Brit., Paris, &c.

## Genus VI. LAMPROSPIZA.

- Lamprospiza*, Cab. Wieg. Arch. 1847, p. 246.  
*Rostrum Saltatoris, sed debilius: alæ elongatæ, remigibus quatuor primis fere æqualibus: cauda modica, quadrata.*

## 1. LAMPROSPIZA MELANOLEUCA.

- Saltator melanoleucus*, Vieill. Nouv. Dict. xiv. 105, et Enc. Méth. p. 791.  
*Divaricated Tanager*, Lath. G. II. vi. p. 40.  
*Tanagra duplicata*, Lath. in Mus. Derb.  
*Psaris habia*, Less. Cent. Zool. p. 186, pl. 59.  
*Tityra habia*, Gray, Gen. p. 253.  
*Lamprospiza habia*, Cab. Wieg. Arch. 1847, p. 246; Bp. Consp. p. 492.  
*Tangara double croissant*, Less. Tr. d'Orn. p. 379.  
*Lamprospiza melanoleuca*, Sclater, Tan. Cat. Sp. p. 4.  
*Supra aneo-niger; subtus albus; gutture toto et vitta utrinque a medio pectore ad latera transeunte cum tibiis et cauda tota nigris, dorso concoloribus: rostro rubro. ♀ dorso toto pallide cinereo.*  
 Long. tota 6·0, alæ 3·6, caudæ 2·5.  
 Hab. Cayenne.  
 Mus. Brit., Paris., Derbiano.

## Genus VII. CISSOPIS.

- Cissopis*, Vieill. Analyse, p. 40 (1816).  
*Bethylus*, Cuv. Regn. An. (1817).  
*Rostrum altum, compressiusculum; culmine multum incurvo; dente finali indistincto: alæ modicæ, remigibus tertia, quarta et quinta longissimis: cauda longissima et multum rotundata, rectricibus gradatim crescentibus: pitilosis albo-nigra: sexus similes.*

## 1. CISSOPIS LEVERIANA.

- Magpie Shrike*, Lath. Gen. Syn. i. p. 192.



*Lanius leverianus*, Gm. S. N. i. p. 302.

*Lanius picatus*, Lath. Ind. Orn. i. p. 73.

*Corvus leverianus*, Shaw, Mus. Lever. p. 241.

*Le pie piegrieche*, Le Vail. Ois. d'Afr. ii. p. 33. pl. 60.

*Corvus collurio*, Daud. Orn. ii. p. 246.

*Cissopis leverianus*, Gray, Gen. p. 362.

*Bethylus leverianus*, Bp. Consp. p. 491.

*Albus, capite toto undique cum collo ad medium dorsum triangulariter descendente et pectore simili modo triangulariter terminante splendenti-violaceo-nigris: alis caudaque nigris: tectricibus alarum minoribus albis, majoribus autem et secundariis albo extus limbatis; reetricibus omnibus albo terminatis: rostro et pedibus nigris.*

Long. tota 10·5, alæ 4·3, caudæ 6·0.

*Hab.* South East Brazil.

*Mus.* Brit., Paris., &c.

## 2. CISSOPIS MEDIA.

*Cissopis bicolor*, Vieill. N. D. d'H. N. xxvi. 417, et Enc. Méth. p. 750 (*partim*); Vieill. Gal. Ois. p. 226. pl. 140 ?

*Cissopis minor*, Cab. Schomb. Reis. iii. 677.

*Bethylus medius*, Bp. Consp. p. 491.

*Cissopis media*, Selater, Tan. Cat. Sp. p. 5.

*Medius: dorso dimidiato albo: rostro crasso incurvo.* (Bp.)

*Hab.* British Guiana (*Schomb.*).

*Mus.* Paris.

The Guiana *Cissopis* is rather smaller than the common Brazilian species, and the steel-black colour does not extend so far down the back. The Paris Museum specimen of this bird seems to want the white wing-spots. I am not confident as to the correctness of separating this and the Brazilian bird.

## 3. CISSOPIS MINOR.

*Saltator bicolor*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 36 ?

*Bethylus picatus*, d'Orb. Voy. p. 269 ?; Tsch. Wieg. Archiv, 1844, p. 288.

*Cissopis minor*, Tsch. Faun. Per., p. 211.

*Minor: dorso omnino albo: rostro minus valido, brevi, rectiusculo.*

Long. tota 9·5, alæ 4·2, caudæ 5·2.

*Hab.* Bolivia, Yuracares (*d'Orb.*); Eastern wood-region of Peru (*Tsch.*); New Grenada, Bogota.

*Mus.* Brit., Paris.

The Bogota *Cissopis* seems distinct from the Brazilian, having merely the upper neck steel-black, and the back all white. I am not quite certain whether d'Orbigny's Bolivian examples are best referable here. They seem to come pretty near the Cayenne bird.

## Genus VIII. OREOTHPRAUPIS.

*Rostrum validum, tomis mandibulae superioris medio turgidis et mandibulam inferiorem tegentibus, sicut in genere Lanione, sed brevius, altius, latius et medio minus uncinatum: alae breves, rotundatae: cauda sicut in genere Arremone.*

## 1. OREOTHPRAUPIS ARREMONOPS.

*Saltator arremonops*, Jard. Edinb. N. Phil. Journ. 1855, ii. p. 119; Sclater, P. Z. S. 1855, p. 84. pl. xcii.

*Rufo-brunneus, olivaceo parum tinctus; pectore multo clariore et rubescentiore: capite toto mentoque nigris; vitta mediali verticis et superciliari utrinque postice elongatis cum medio ventre cinereis: alis intus et cauda nigricantibus: rostro et pedibus nigris.*

Long. tota 7·25, alae 3·2, caudae 3·5.

*Hab.* Andes in the vicinity of Quito (*Jameson*).

*Mus.* Gul. Jardine, Baronetti.

This peculiar Tanager in style of plumage and general habit corresponds most closely with the members of the genus *Arremon*, but the bill is altogether abnormal, the upper mandible swelling in the middle and overlapping the under, as in the genus *Lanio*, though not developed into a decided hook: but it is much shorter, broader and deeper than in the last-named genus, and has more general resemblance to that of some of the *Saltatores*.

## Genus IX. ARREMON.

*Arremon*, Vieill. Analyse (1816), p. 32.

*Rostrum rectum, altum, breve, conicum, apice vix dentata: alae breves, remigibus quarta, quinta et sexta longissimis: cauda breviuscula, rotundata.*

## 1. ARREMON SILENS.

*Le Tangara de la Guyane*, Buff. Pl. Enl. 742.

*Tanagra silens*, Bodd. Table de Pl. Enl.; Lath. Ind. Orn. p. 432; Max. Beit. iii. 507.

*Arremon torquatus*, Enc. Méth. p. 794, et Vieill. Gal. Ois. p. 105. pl. 78.

*Arremon silens*, Gray, Gen. p. 361; Bp. Consp. p. 487.

*L'oiseau silencieux*, Desm. Tan. t. 38, 39, 40.

*Silent Tanager*, Lath. G. H. vi. p. 22.

*Olivaceus: capite et vitta pectorali nigris: tænia verticali cinerea: superciliis a fronte ad nucham, cum gutture albis: abdomine albido, lateribus cinerascens: campterio flavo: rostro nigro.*  
♀ *Supra mari similis: subtus fulvo tincta nec cinerascens: torque gutturali vix apparente.*

Long. tota 5·0, alae 2·8, caudae 2·4.

*Hab.* Cayenne; North Brazil, Capin river (*Wallace*); South East Brazil (*P. Max.*).

*Mus.* Brit., Paris., &c.

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The Brazilian specimens of this bird are slightly larger in size than those from Cayenne, and of rather a more yellowish green on the back. This species may be distinguished from all its nearest allies by its black bill.

2. ARREMON D'ORBIGNII, sp. nov.

*Embernagra silens*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 34 (*partim*).

*Arremon silens*, d'Orb. Voy. p. 281 (*partim*).

*Supra olivascens: tænia verticali cinerea: superciliis a fronte incipientibus cum corpore subtus albis; hoc nigro torquato: rostro flavo; mandibulæ superioris parte culminali nigra.*

*Hab.* Bolivia, prov. Yungas (*d'Orb.*).

*Mus.* Parisiensi.

This Bolivian species comes nearest to *A. flavirostris*, but there is more black on the upper mandible, and the superciliary stripes begin from the front, as in *A. silens*.

3. ARREMON FLAVIROSTRIS.

*Tordo de bosque torquato*, Azara, i. p. 331?

*Arremon silens*, Hartl. Ind. Az. p. 5?

*Arremon flavirostris*, Sw. An. in Men. p. 347; Gray, Gen. p. 361; Bp. Consp. p. 487.

*Supra olivascens: tænia verticali cinerea: superciliis ab oculo incipientibus et corpore subtus albis; hoc nigro torquato: lateribus cinerascens: rostro flavo: ipso culmine tantum nigro.*

*Hab.* Brazil, Cametá (*Mus. Berol.*).

*Mus.* Berol., Derbiano.

4. ARREMON DEVILLII, sp. nov.

*Arremon devillii*, Bp. in Mus. Paris.

*A. schistaceus, olivaceo paululum tinctus: tænia verticali dorso colore: superciliis ab oculo incipientibus et corpore subtus albis, hoc nigro torquato: tectricibus alarum superioribus olivaceis: rostro superiore nigro, inferiore flavo.*

Long. tota 6·0, alæ 2·2, caudæ 2·1.

*Hab.* prov. Goyaz in Brazil (*Cast. et Dev.*).

*Mus.* Parisiensi.

This bird is intermediate between *A. flavirostris* and *A. polionotus*. Unlike the latter, it has the whole upper mandible black and the back tinged with olive, and is besides of smaller size, and possesses a vertical band. From the former it appears distinguishable by its differently coloured bill and less olivaceous back.

5. ARREMON POLIONOTUS.

*Arremon polionotus*, Bp. Consp. p. 488

*Supra plumbeus: capite et torque angusta pectorali nigris: superciliis postocularibus et corpore subtus albis; lateribus cinerascens*

*tibus: tectricibus alarum olivaceis, ipsa flexura flava: rostro albo, mandibula superioris culmine nigro.*

Long. tota 6·0, alæ 2·9, caudæ 2·7.

*Hab.* Corrientes, La Plata (*Bp.*); Brazil, Cuyaba (*Natt.*).

*Mus.* Paris. et Vindob.

This species may be distinguished from the *A. silens* by its cinereous back, narrower throat-band and differently coloured bill.

#### 6. ARREMON ABEILLII.

*Arremon abeillei*, Less. R. Z. 1844, p. 435; Gray, Gen. App. p. 16.

*Schistaceus; capite toto et torque gutturali nigris: superciliis et corpore subtus albis: rostro nigro; pedibus luteis.*

*Hab.* Guyaquil (*Less.*).

*Mus.* Baronis de Lafresnaye et Princ. Car. Bonaparte.

I have seen specimens of this species in the collections of the Baron de la Fresnaye and Prince Charles Bonaparte. It appears very like the preceding, but has the bill black.

#### 7. ARREMON SEMITORQUATUS.

*Arremon semitorquatus*, Sw. An. in Men. p. 257; Gray, Gen. p. 361; *Bp.* Consp. p. 488.

*Supra olivaceus: capite et plaga utrinque cervicali (quasi semitorquem formante) nigris: vitta mediali verticis et cervice postica cum lateribus corporis et crisso cinereis: superciliis elongatis, gutture et abdomine medio albis: tectricibus alarum dorso concoloribus: mandibula superiore nigra, inferiore flava.*

Long. tota 6·0, alæ 2·9, caudæ 2·9.

*Hab.* South Brazil.

*Mus.* Brit., &c.

#### 8. ARREMON AXILLARIS.

*Arremon axillaris*, Sclater, P. Z. S. 1854, p. 97, et Tan. Cat. Sp. p. 15.

*Supra olivaceo-viridis; capite atro; superciliis productis albis; vitta verticali et cervice postica cinereis: subtus niveus, lateribus cinerascens; plaga utrinque cervicali (vittam quasi imperfectam formante) mentoque summo atris; remigibus reetricibusque nigricantibus: tectricibus alarum majoribus flavo-olivaceis, minoribus et camptero late flavis: mandibula superiore nigra, inferiore flava: pedibus clare brunneis.*

Long. tota 3·8, alæ 2·2, caudæ 1·4.

*Hab.* New Grenadian Andes, Bogota.

*Mus.* Brit. et Paris.

This species very much resembles *A. semitorquatus*, but has the bend of the wing bright yellow, instead of olive-green. I have only seen it in collections from Bogota.

#### 9. ARREMON SPECTABILIS.

*Arremon spectabilis*, Sclater, P. Z. S. 1854, p. 114. pl. 67.

*Supra aurescenti-olivaceus; capite nigro, vitta verticali cinerea: superciliis albis: axillis latissime croceis: subtus albus; mento summo et torque gutturali nigris, lateribus cinerascentibus: rostro flavo.*

Long. tota 5·8, alæ 2·8, caudæ 2·5.

*Hab.* Province of Quixos in Cisandean Ecuador.

*Mus.* Britannico; Gul. Jardine.

This beautiful species is from the Upper Rio Napo, where it traverses the province of Quixos on the eastern slope of the great Andean range. Specimens in Sir William Jardine's collection are labelled as having been prepared by M. Villavicencio, a Spanish naturalist resident in that locality.

#### 10. ARREMON ERYTHROHYNCHUS.

*Arremon erythrorhynchus*, Sclater, P. Z. S. 1855, p. 83. pl. 89.

*Olivaceus; capite nigro; vitta mediali verticis, nucha cervicisque lateribus cinereis: superciliis et corpore subtus albis: torque gutturali angusta nigra: lateribus cinerascentibus: campterio flavo: pedibus albis: rostro elongatiore, incurviore, rubro.*

Long. tota 5·8, alæ 3·0, caudæ 2·7.

*Hab.* New Grenadian Andes, Bogota.

*Mus.* Brit.

This *Arremon*, of which I have only yet seen one example—a Bogota skin, formerly in Mr. Gould's collection—may be distinguished from the preceding species by its more lengthened, incurved and brilliant orange-red bill, and the yellow bend of the wing.

#### 11. ARREMON AURANTIROSTRIS.

*Arremon aurantirostris*, Lafr. R. Z. 1847, p. 72; Des Murs, Icon. Orn. pl. 55; Gray, Gen. App. p. 16; Bp. Consp. p. 488.

*Brunnescenti-olivaceus; capite et vitta lata pectorali nigris: vitta mediali verticis dorso concolore: superciliis elongatis cum gutture toto et ventre medio albis: campterio flavo: rostro albescenti-aurantio.*

Long. tota 6·5, alæ 2·9, caudæ 2·5.

*Hab.* Isthmus of Panama (*Delattre*).

*Mus.* Brit.; Derbiano; Acad. Philadelph.

This bird may be distinguished from its congeners by the broadness of the pectoral band, and its large wholly yellow bill.

#### 12. ARREMON SCHLEGELI.

*Arremon schlegeli*, Lafr. M. S.; Bp. Consp. p. 488.

*Supra cinereus, dorso et tectricibus alarum superioribus flavescenti-olivascens: capite toto et plaga utrinque gutturali (quasi semitorquem formante) nigris: carpo flavo: subtus albus, lateraliter cinerascens: rostro flavo, culmine vix nigro.*

Long. tota 5·7, alæ 2·8, caudæ 2·3.

*Hab.* Littoral of New Grenada, S. Martha (*Verreaux*); Cartagena and Caraccas (*Mus. Paris*).

*Mus.* Brit., Paris., Lugdunensi.



This fine *Arremon* is at once recognizable by its black head, which is without the usual supercilia or medial band.

Genus X. PHÆNICOPHILUS.

*Phenicophilus*, Strickl. Cont. Orn. 1851, p. 104.

*Rostrum* Buarremonis, *sed elongatius: alæ elongatæ, remigibus tertia, quarta et quinta longissimis: cauda breviuscula, quadrata, rectricibus inter se æqualibus.*

1. PHÆNICOPHILUS PALMARUM.

*Le palmiste*, Briss. Orn. ii. p. 301. (♀.)

*Le palmiste à tête noire*, Briss. Orn. ii. p. 303. (♂).

*Turdus palmarum*, Linn. S. N. i. 295; Vieill. Ois. de l'Am. MÉR. ii. p. 16. pl. 69 ♂ 70 ♀.

*Le palmiste de Cayenne*, Buff. Pl. Enl. 539. fig. 1.

*Tachyphonus palmarum*, Vieill. N. D. d'H. N. xxxii. 359, et Enc. Méth. p. 803.

*Arremon palmarum*, Gray, Gen. Suppl. p. 16.

*Phenicophilus palmarum*, Strickl. Cont. Orn. 1851, p. 104.

*Dulus palmarum*, Bp. R. Z. 1851, p. 78, et Note s. l. Tang. p. 29.

*Dulus poliocephalus*, Bp. R. et M. de Zool. 1851, p. 78, et Note s. l. Tang. p. 29. (♀.)

*Phenicophilus poliocephalus*, Strickl. Cont. Orn. 1851, p. 104 (♀).

♂ *flavescenti-olivaceus: cervice postica et corpore subtus cinereis: gutture toto et abdomine medio albis: pileo nigerrimo; maculis utrinque, alia in fronte, alia supra oculum et alia sub oculo, niveis: rostro nigro.* ♀. *pileo plumbeo; gutture fere omnino cinereo.*

Long. tota 7·5, alæ 3·7, caudæ 3·0.

*Hab.* Island of S. Domingo.

*Mus.* Brit., Paris.

Genus XI. BUARREMON.

*Buarremon*, Bp. Consp. p. 483.

*Chrysopoga*, Bp. Consp. p. 480.

*Pipilopsis*, Bp. Consp. p. 485.

*Rostrum rectum, plus minusve elongatum, conicum; apice vix dentata: alæ longiores, remigibus quarta, quinta et sexta longissimis: cauda elongata et multum rotundata: ptilosis olivascens: sexus similes.*

a. *Buarremon.*

1. BUARREMON TORQUATUS.

*Embernagra torquata*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 34.

*Arremon affinis*, d'Orb. Voy. p. 282.

*Buarremon torquata*, Bp. Consp. p. 483.

*Clare olivascens: capite nigro, tænia verticali et cervicis lateribus cinereis: superciliis ab oculo incipientibus et corpore subtus albis:*

*pectore nigro torquato: lateribus et crisso viridescenti-olivaceis; cauda cinerea, viridescenti-olivaceo limbata: rostro nigro: pedibus clare brunneis.*

Long. tota 7·0, alæ 3·1, caudæ 2·9.

*Hab.* Bolivia, prov. Yungas (*d'Orb.*).

*Mus.* Parisiensi.

This bird is very like the *B. assimilis* so common in Bogota collections, but distinguishable by its black collar and white supercilia.

## 2. BUARREMON PHÆOPLEURUS, sp. nov.

*Clare olivascens: capite nigro, tania verticali et lateribus cervicis cinereis: superciliis a fronte incipientibus et corpore subtus albis: hoc nigro torquato: ventris lateribus et crisso brunnescentibus: cauda brunnea, olivaceo tincta: rostro nigro: pedibus clare brunneis.*

Long. tota 7·2, alæ 3·2, caudæ 2·8.

*Hab.* Venezuela, Caraccas (*Levraud.*)

*Mus.* Paris.

I have had a specimen of this bird in my possession for some time, but only lately discovered its distinctness from the preceding species, on comparing them together at the Jardin des Plantes. The Venezuelan form may be distinguished by the brown colour on the flanks and crissum, the brownish olive tail, and the commencement of the supercilia from the front. The examples of this *Buarremon* at Paris were sent to the Museum from Caraccas by M. Levraud.

## 3. BUARREMON ASSIMILIS.

*Tanagra assimilis*, Boiss. Rev. Zool. 1840, p. 67.

*Arremon assimilis*, Gray, Gen. p. 361.

*Buarremon assimilis*, Bp. Consp. p. 484.

*Olivaceus; pileo nigro: capitis vittis tribus cum cervice postica et laterali cinereis: subtus albus, lateribus et ventre imo crissoque cinerascanti-olivaceis: rostro nigro: pedibus brunneis.*

Long. tota 7·0, alæ 3·3, caudæ 3·3.

*Hab.* Bogota; Western declivity of Andes near Quito (*Jameson.*)

*Mus.* Paris., Brit.

## 4. BUARREMON VIRENTICEPS.

*Fringilla quadrivittata*, Licht. in Mus. Berol.

*Buarremon virenticeps*, Bp. Compt. Rend. Oct. 22, 1855.

*Similis Buarremoni assimili sed capitis striis et cervice tota olivascens, dorso concoloribus: rostro nigro: subtus magis cinereus.*

*Hab.* Mexico.

*Mus.* Berol.

## 5. BUARREMON BRUNNEINUCHUS.

*Embernagra brunneinucha*, Lafr. R. Z. 1839, p. 97; Boiss. R. Z. 1840, p. 68; Gray, Gen. p. 361.

*Arremon frontalis*, Tsch. Wieg. Arch. 1844, p. 239 et F. P. p. 213.

*Buarremon brunneinucha*, Bp. Consp. p. 484.

*Buarremon xanthogenys*, Cab. Mus. Hein. p. 141.

*Olivaceus: alis caudaque brunnescentioribus: pileo postico et nucha castaneis, striga utrinque cinnamomea: fronte et lateribus capitis nigris, illa albo trimaculata: subtus albus, nigro torquatus: lateribus et ventre imo cinereis, olivaceo indutis: rostro nigro.*

Long. tota 7·0, alæ 3·2, caudæ 3·2.

*Hab.* Mexico (*Lafr.*); Guatimala; Bogota; East Peru (*Tsch.*); Venezuela, Caraccas.

*Mus.* Brit., Paris.

I have seen the type of *B. xanthogenys* in Herr Heine's beautiful collection of birds at Halberstadt. I think it is only an accidental variety of the *B. brunneinuchus*, because other examples from the same locality—Caraccas—seem perfectly identical with New Grenadian specimens.

#### b. *Chrysopoga*.

#### 6. BUARREMON CHRYSOPOGON.

*Zonotrichia? aureigula*, Bp. M. S.

*Atlapetes chrysopogon*, Bp. in Mus. Paris.

*Chrysopoga typica*, Bp. Consp. p. 480.

*Brunnescenti-griseus, subtus dilutior, ventre medio cinereo-albescentiore: capite nigro, vitta mediali alba: gutture flavo: rostro nigro, pedibus brunneis.*

*Hab.* California?

*Mus.* Parisiensi.

This bird, of which I have only seen the specimen in the Paris Museum, resembles the better known *C. albinuchus*, but has only the throat, and not the whole under-surface, yellow.

#### 7. BUARREMON ALBINUCHUS.

*Embernagra albinucha*, d'Orb. et Lafr. R. Z. 1838, p. 165; Gray, Gen. p. 361.

*Buarremon albinucha*, Bp. Consp. p. 484.

*Atlapetes albinucha*, Cab. M. H. p. 140.

*Embernagra mexicana*, Less. R. Z. 1849, p. 42?

*Supra cinerascens-olivaceus; capite nigro, vitta mediali alba: subtus flava, lateribus et crisso olivascentibus: rostro nigro.*

Long. tota 6·5, alæ 3·0, caudæ 3·2.

*Hab.* Cartagena (*Candé*).

*Mus.* Paris.

#### 8. BUARREMON GUTTURALIS.

*Arremon gutturalis*, Lafr. R. Z. 1842, p. 97; Gray, Gen. p. 361.

*Buarremon gutturalis*, Bp. Consp. p. 484.



*Olivascenti-fuscus* : capite nigro, vitta mediali flavescenti-alba : subtus grisescenti-alba, gutture flavo : rostro nigro.

Long. tota 6·5, alæ 3·1, caudæ 3·4.

*Hab.* New Grenada, Bogota.

*Mus.* Lafresnayano.

c. *Carenochrous*.

#### 9. BUARREMON LATINUCHUS.

*Arremon rufinucha*, Tsch. Consp. Av. in Wiegmann, Arch. 1844, p. 289 ; Tsch. F. P. p. 212 ?

*Buarremon latinuchus*, Du Bus, Bull. Ac. Brux. xxii. p. 154.

*Schistaceus* : pileo toto et cervice postica castaneis : lateribus capitis nigris : subtus flavus, lateribus et crisso cinerascens.

Long. tota 6·5, alæ 3·1, caudæ 3·3.

*Hab.* Vicinity of Quito (*Jameson*) ; Eastern wood-region of Peru (*Tsch.*).

*Mus.* Jard.

M. DuBus considers this bird, which has been generally considered as the same as the Bolivian *rufinuchus*, distinct from that species. The principal difference apparent from d'Orbigny's figure seems to be the want of the lateral gular stripes, but I have seen indications of these in some Quitoian specimens.

#### 10. BUARREMON RUFINUCHUS.

*Embernagra rufinucha*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1839, p. 35 ; *Arremon rufinucha*, d'Orb. Voy. p. 283. pl. 27. fig. 2 ; Gray, Gen. p. 361 ; *Buarremon rufinucha*, Bp. Consp. p. 484 (*partim*).

*Supra nigra* ; subtus flava, lateribus et crisso olivascentibus : macula ante oculos sulfurascens : pileo et nucha cinnomomeo-rufis : lateribus capitis et vitta angusta utrinque ad latera gutturis nigris : rostro nigro.

Long. tota 6·3, alæ 3·0, caudæ 3·0 (*d'Orb.*).

*Hab.* Bolivia, (*d'Orb.* et *Bridges*).

*Mus.* Brit., Parisiensis.

#### 11. BUARREMON LEUCOPTERUS.

*Arremon leucopterus*, Jard. Edinb. N. Phil. Journ. n. s. iii. p. 92.

*Buarremon leucopterus*, Sclater, P. Z. S. 1855, p. 214, pl. 109.

*Schistacescenti-niger*, alis caudaque obscurioribus : capitis lateribus nigris : pileo ochraceo-rufo : macula utrinque ante-oculari et speculo alari cum corpore toto subtus albis, lateribus in cinereum trahentibus : tectricibus alarum inferioribus albis : rostro pedibusque nigris.

Long. tota 6·2, alæ 2·8, caudæ 2·7.

*Hab.* Western slope of the Andes near Quito (*Jameson*).

*Mus.* Gul. Jardine, Baronetti.

#### 12. BUARREMON PALLIDINUCHUS.

*Arremon pallidinucha*, Boiss. R. Z. 1840, p. 69 ; Gray, Gen. p. 361 ; Bp. Consp. p. 484 ; Less. Descr. d. Mamm. et Ois. p. 351.

*Buarremon pallidinucha*, Bp. Consp. p. 484.

*Atlapetes pallidinucha*, Cab. Mus. Hein. p. 140.

*Olivascenti-fuscus*, alis caudaque nigricantibus : capite nigro : vitta lata a fronte ad nucham antice latiore cinnamomea, postice angustiore albescente : subtus flavus, lateribus et crisso olivascentibus.

Long. 6·3, alæ 3·2, caudæ 3·1.

Hab. Bogota.

Mus. Brit.

### 13. BUARREMON ALBIFRENATUS.

*Arremon albifrenatus*, Boiss. R. Z. 1840, p. 68 ; Gray, Gen. p. 361.

*Buarremon albifrenatus*, Bp. Consp. p. 484.

*Arremon mystacalis*, Sclater, R. et Mag. de Zool. 1852, p. 8 ; Cont. Orn. 1852, pl. 99, p. 131.

*Olivaceus* : pileo castaneo : fronte et lateribus capitis nigris : subtus flavus : gutture et mystace utrinque ab hoc linea nigra divisa albis : rostro nigro : pedibus rubellis.

Long. tota 6·3, alæ 3·0, caudæ 3·0.

Hab. Bogota.

Mus. Paris., Brit.

### 14. BUARREMON SCHISTACEUS.

*Tanagra (Arremon) schistaceus*, Boiss. R. Z. 1840, p. 69.

*Arremon schistaceus*, Gray, Gen. p. 361.

*Buarremon schistaceus*, Bp. Consp. p. 484.

*Atlapetes schistaceus*, Cab. M. H. p. 140.

*Nigricanti-schistaceus*, subtus pallidior, albescentior ; alis caudaque nigris, speculo alari albo : pileo intense castaneo : gutture albedo ; capitis lateribus et stria utrinque gutturali nigris.

Long. tota 6·5, alæ 3·0, caudæ 3·1.

Hab. Bogota.

Mus. Brit.

*d. Pipilopsis.*

### 15. BUARREMON SEMIRUFUS.

*Tanagra (Arremon) semirufus*, Boiss. R. Z. 1840, p. 69.

*Arremon semirufus*, Gray, Gen. p. 361.

*Pipilopsis semirufus*, Bp. Consp. p. 485 ; Cab. M. H. p. 139.

*Olivaceus* ; capite et collo undique toto cum pectore cinnamomeis : abdomine flavo : lateribus olivascentibus : rostro plumbeo : pedibus rubellis.

Long. tota 6·5, alæ 3·0, caudæ 3·2.

Hab. Bogota ; Cumana (*Dyson*).

Mus. Brit., Paris.

### 16. BUARREMON FULVICEPS.

*Emberiza fulviceps*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 77 ; d'Orb. Voy. p. 362. pl. 46. fig. 2.

*Pipilopsis fulviceps*, Bp. Consp. p. 485 ; Cab. Mus. Hein. p. 138.

*Olivaceo-viridis* : capite et stria laterali gutturis castaneis : macula utrinque ante-oculari et corpore subtus ad medium ventrem flavis : lateribus olivaceo-viridibus.

*Hab.* Bolivia, prov. Mizque (*d'Orb.*).

*Mus.* Parisiensi.

This bird very closely resembles the *B. semirufus* in colour, but has the lores, middle of the throat, rectal striæ and breast yellow, the chestnut occupying the sides of the throat and dividing it from the striæ. The bill is rather more finch-like than in the former species.

#### 17. BUARREMON PERSONATUS.

*Arremon personatus*, Cab. in Schomb. Reise, iii. 678.

*Pipilopsis personatus*, Bp. Consp. p. 485.

*Pyrrhocomma personata*, Cab. M. H. p. 138.

*Fusco-cinereus* : dorso subolivascens : subtus flavus : pileo, gula collique lateribus rufis.

*Hab.* British Guiana, Roraima Mountains (*Schomb.*).

*Mus.* Berolinensi.

### Genus XII. CHLOROSPINGUS.

*Chlorospingus*, Cab. Mus. Hein. p. 139.

*Hemispingus*, Cab. l. c.

*Rostrum* Buarremonis sed tenuius, debilius, dente finali pæne obsoleto : alæ longiusculæ, remigibus tertia, quarta et quinta æqualibus : cauda elongata et rotundata : pilosis olivacea et schistacea : sexus similes.

This group forms a series, the first members of which are closely allied to the *Buarremones*, and have the bill nearly as strong, and of the same form as in that genus. But they grow gradually more tenuirostral, and ultimately show striking affinities towards *Trichas* and other forms of the *Mniotiltinæ*, with which they might at first sight be easily confounded.

#### a. *Chlorospingus*.

##### 1. CHLOROSPINGUS OPHTHALMICUS.

*Arremon ophthalmicus*, Du Bus, Bull. Ac. Brux. xiv. pt. 2. p. 107 (1847) ; R. Z. 1848, p. 247 ; Gray's Gen. iii. Supp. p. 16.

*Chlorospingus leucophrys*, Cab. Mus. Hein. p. 139.

*Pipilopsis albitemporalis*, Bp. Consp. p. 485 (*partim*).

*Supra brunnescenti-olivaceus, pileo et lateribus capitis obscure nigricanti-brunneis* : palpebris et macula postoculari albis : loris, gula et abdomine medio albis : pectore, hypochondriis et crisso flavescenti-olivaceis.

Long. tota 5·25, alæ 2·75, caudæ 2·25.

*Hab.* Mexico, vic. of Jalapa (*Cab.*) ; Cordova (*Sallé*).

*Mus.* Bruxell., Berlin., H. E. Strickland.

##### 2. CHLOROSPINGUS ALBITEMPORALIS.

*Tachyphonus albitemporalis*, Lafr. R. Z. 1848, p. 12 ; Gray, Gen. Supp. p. 17 ; Bp. Consp. p. 237.

D

*Chlorospingus ophthalmicus*, Cab. Mus. Hein. p. 139 (note).  
*Chlorospingus albitemporalis*, Sclater, P. Z. S. 1855, p. 155; List  
of Bog. B. p. 27.

*Supra læte olivaceus: pileo et lateribus capitis nigricanti-brunneis: loris subobsolete fulvescentibus: pennulis oculum postice tangentibus albis: gutture pallide fulvescenti-albido, striis minutis nigris asperso: pectore aureo, fulvo tincto: abdomine medio pure albo lateribus et crisso viridescenti-flavis.*

Long. tota 5·2, alæ 2·75, caudæ 2·25.

*Hab.* Bogota (Lafr.); Venezuela (Levraud); Bolivia (Bridges.).

*Mus.* Britannico.

This South American species may be distinguished from the Mexican *C. ophthalmicus* by its rather brighter olive colour above, its lores and throat tinged with fulvous-brown (in the other bird these parts are nearly pure white), and the fulvous-yellow breast, which in *C. ophthalmicus* is greenish yellow like the sides.

### 3. CHLOROSPINGUS FLAVIPECTUS.

*Arremon flavipectus*, Lafr. R. Z. 1840, p. 227; Gray, Gen. p. 361.

*Tachyphonus flavipectus*, Lafr. R. Z. 1848, p. 11; Bp. Consp. p. 237.

*Pipilopsis flavipectus*, Bp. Consp. p. 485.

*Chlorospingus flavipectus*, Cab. Mus. Hein. p. 139.

*Olivaceus: pileo et cervice postica nigrescenti-cinereis, lateribus capitis saturatoribus, loris pallidioribus: gula albida, fulvescente tinctu: abdomine viridescenti-flavo; ventre medio albo.*

Long. tota 5·4, alæ 2·7, caudæ 2·6.

*Hab.* Bogota.

*Mus.* Brit., Paris., &c.

This is a very common species in Bogota collections.

### 4. CHLOROSPINGUS CANIGULARIS.

*Tachyphonus canigularis*, Lafr. R. Z. 1848, p. 11; Bp. Consp. p. 237; Gray, Gen. App. p. 17.

*Pipilopsis canigularis*, Bp. Consp. p. 485.

*Chlorospingus canigularis*, Cab. Mus. Hein. p. 139.

*Hemispingus Veneris*, Bp. Notes Orn. p. 22.

*Similis C. flavipectori, sed rostro breviora, maxilla alba nec nigra, gula cinereo-alba nec brunnescenti-alba, capite nigrescentiore.*

Long. alæ 2·9.

*Hab.* Bogota.

*Mus.* Paris.

Prince Bonaparte's *Hemispingus veneris*, of which the type is in the Paris Museum, seems to me to be the same as this bird. It is certainly very closely allied to the common *C. flavipectus*, but I have no doubt it is really a distinct species.

### 5. CHLOROSPINGUS OLIVACEUS.

*Poospiza ! olivacea*, Bp. Consp. Av. p. 473.

*Chlorospingus olivaceus*, Sclater, Tan. Cat. Sp. p. 6.

*Brunnescenti-olivaceus*; capite nigricante; vertice et nucha pallidioribus, cinerascensibus; macula postoculari candida; loris et lateribus cervicis griseis: subtus pallide flavus, gutture et ventre medio grisescenti-albis.

Hab. Central America?

Mus. Paris.

This bird is of exactly the same cast of plumage as *C. flavipectus* and *canigularis*, but may be distinguished by the colouring of its head, which has a broad longitudinal paler band, and is darker, almost black, over the eyes and again beneath them, and by the white postocular spot. A specimen in my possession seems to be of Delattre's preparation, and agrees with that in the Paris Museum, upon which Prince Bonaparte established his *Poospiza olivacea*.

#### 6. CHLOROSPINGUS FLAVIVENTRIS, sp. nov.

*Olivaceus*; capite cinereo, viridi paulum apparente; gula albescenti-cinerea: abdomine toto flavo: rostro nigro, mandibulæ inferioris basi albescente.

Long. tota 5·5, alæ 2·5, caudæ 2·25.

Hab. Trinidad (*Mus. Jard.*); Bolivia? (*Mus. H. E. S.*).

I have seen two specimens of this apparently unrecognized *Chlorospingus*, which agrees in form with the preceding species, but is distinguished by its wholly yellow abdomen. One of these specimens is in Sir William Jardine's possession, the other in the collection of the late Mr. H. E. Strickland.

#### 7. CHLOROSPINGUS SPODOCEPHALUS.

*Chlorospingus spodocephalus*, Bp. Notes Orn. p. 22.

*Flavo-olivaceus*, subtus aurantius: capite toto cinereo, gula dilutiore: rostro nigro: pedibus rubellis. (Bp.)

Hab. Nicaragua (*Delattre*).

Mus. — ?

#### 8. CHLOROSPINGUS FLAVIGULARIS.

*Pipilopsis flavigularis*, Sclat. R. Z. 1852, p. 8; Cont. Orn. 1852, p. 131, pl. 98.

*Olivaceus*: gutture flavo: abdomine et mento cinereis; ventre medio albescentiore; crisso flavescente: rostro plumbeo, basi albo notata; pedibus plumbeis.

Long. tota 5·5, alæ 3·25.

Hab. Bogota.

Mus. Parisiensi.

I have never seen any specimen of this bird except the type in the Paris Museum. The bill resembles that of *C. flavipectus*, but is rather stronger.

b. *Hemispingus*.

#### 9. CHLOROSPINGUS ATRIPILEUS.

*Arremon atripileus*, Lafr. R. Z. 1842, p. 335; Gray, Gen. p. 361.



*Pipilopsis atripileus*, Bp. Consp. p. 485.

*Chlorospingus atripileus*, Sclater, Tan. Cat. Sp. p. 6.

*Olivaceus*; pileo nigro; superciliis longis a fronte ad nucham antice flavidis, postice albis: subtus dilutior; gutture, pectore et ventre medio sordide flavis.

Long. tota 5·9, alæ 2·8, caudæ 3·0.

*Hab.* Bogota; vicinity of Quito (*Prof. Jameson*).

*Mus.* Brit., Jardinii, &c.

#### 10. CHLOROSPINGUS MELANOTIS.

*Chlorospingus melanotis*, Sclater, P. Z. S. 1854, p. 158. pl. 68; 1855, p. 155.

*Supra nigro-plumbeus, dorso imo brunnescentiore: alis caudaque brunnescentibus, illis penitus nigricantibus: loris et capitis lateribus cum regione auriculari nigris: subtus pallide ochraceo-rufus: mento summo nigricante; ventre medio dilutiore: rostro nigro: pedibus pallidis.*

Long. tota 5·25, alæ 2·5, caudæ 2·25.

*Hab.* Bogota.

*Mus.* Brit.

This little species, of which there are two examples in the British Museum, both apparently Bogota skins, differs from all its congeners in the colouring of the lower surface of the body, which is of a pale reddish buff, growing much whiter in the middle of the belly. Above the plumage is lead-coloured, with a greenish tinge superinduced towards the lower part of the back. The wings and tail are brown, with slight greenish edgings; the ear-coverts and whole side of the face are black. In the second specimen, apparently not so mature, there is a light-coloured spot on the front, just above the nostrils. The bill of this species agrees with that of *Chlorospingus atripileus* in size, but is rather straighter in form, as in *C. verticulis*.

#### 11. CHLOROSPINGUS RUBRIROSTRIS.

*Arremon rubrirostris*, Lafr. R. Z. 1840, p. 227; Gray, Gen. p. 361.

*Nemosia rubrirostris*, Lafr. R. Z. 1848, p. 11.

*Pipilopsis rubrirostris*, Bp. Consp. p. 485.

*Hemispingus rubrirostris*, Cab. Mus. Hein. p. 138.

*Chlorospingus rubrirostris*, Sclater, P. Z. S. 1855, p. 155.

*Olivaceus, capite cinerascentiore: gutture toto pallide cinereo: abdomine flavo, lateribus olivascentibus: rostro rubro: pedibus pallidis.*

Long. tota 5·7, alæ 3·1, caudæ 2·7.

*Hab.* Bogota.

*Mus.* Brit., &c.

#### 12. CHLOROSPINGUS SUPERCILIARIS.

*Arremon superciliaris*, Lafr. R. Z. 1840, p. 227; Gray, Gen. p. 361.

*Nemosia superciliaris*, Lafr. R. Z. 1848, p. 227.

*Pipilopsis superciliaris*, Bp. Consp. p. 485.



*Hemispingus superciliaris*, Cab. Mus. Hein. p. 138.

*Chlorospingus superciliaris*, Selater, P. Z. S. 1855, p. 155.

*Hylophilus leucophrys*, Lafr. R. Z. 1840, p. 227.

*Olivaceus : pileo antico cinereo : fronte et superciliis cum macula suboculari albidis : subtus flavus : rostro plumbescente : pedibus pallide brunneis.*

Long. tota 5·2, alæ 2·7, caudæ 2·5.

Hab. Bogota.

Mus. Brit., &c.

### 13. CHLOROSPINGUS XANTHOPHRYS.

*Chlorospingus xanthophrys*, Selater, P. Z. S. 1856, p. 30.

*Brunnescenti-olivaceus : loris nigricantibus : superciliis curtis a fronte ad oculum summum et corpore mediali subtus flavis : rostro nigro : pedibus pallide brunneis.*

Long. tota 4·7, alæ 2·5, caudæ 2·4.

Hab. Bogota.

Mus. P. L. S.

I possess a single example of this small *Chlorospingus*. It is closely allied to *C. superciliaris*, but is inferior in size, has short yellow instead of longer whitish supercilia, and the body beneath only yellow quite in the middle, the sides being olive. Its olive plumage is also of a more brownish tinge, and the feet are pale brown or flesh-coloured, not plumbeous.

### 14. CHLOROSPINGUS VERTICALIS.

*Nemosia verticalis*, Lafr. R. Z. 1840, p. 227 ; Bp. Consp. p. 236 ; Gray, Gen. p. 366.

*Chlorospingus verticalis*, Selater, P. Z. S. 1855, p. 155.

*Cinereus, subtus dilutior, ventre medio albo : alis caudaque nigricantibus : capite toto cum gula nigris ; vitta lata a fronte ad nucham fumoso-brunnea : rostro et pedibus nigris.*

Long. tota 5·0, alæ 2·8, caudæ 2·8.

Hab. Bogota.

Mus. Brit., Berol.

### 15. CHLOROSPINGUS LICHTENSTEINI.

*Nemosia verticalis*, Licht. in Mus. Berol. (*partim*).

*Chlorospingus lichtensteini*, Selater, P. Z. S. 1856, p. 30.

*Supra cinereus, alis caudaque nigricantibus : pileo atro, vitta mediali verticis ochraceo-albida : subtus albidus, lateribus cinerascens.*

Long. tota 6·3, alæ 3·0, caudæ 3·1.

Hab. New Grenada.

Mus. Berolinensi.

One specimen of this bird, which I observed in the Berlin Museum, was marked as having been received from M. Boissoneau of

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p. 94 — Paris, along with examples of the preceding species, from which it appeared not to have been distinguished. It is closely allied to that bird, but may be recognized by its rather larger size, and the black colouring of the head not extending round to the throat, as in *C. verticalis*, but the whole under surface being cinereous, growing white in the middle.

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PART II.

Genus XIII. PYRRHOCOMA.

*Pyrrhocomma*, Cab. Mus. Hein. p. 138 (1851).

*Rostrum breviusculum, incurvum, dente finali subobsoleto, mandibula superiore tumida: alæ subbreves, rotundatæ, remigibus quarta et quinta tertiam superantibus et longissimis: cauda modica.*

1. PYRRHOCOMA RUFICEPS.

*Tachyphonus ruficeps*, Strickl. Ann. N. H. 1840, p. 419; Gray, Gen. p. 365; Bp. Consp. p. 237.

*Pipilopsis ruficeps*, Bp. Consp. p. 485.

*Pyrrhocomma ruficeps*, Cab. Mus. Hein. p. 138.

*Schistaceus, capite toto et gutture castaneis: fronte, loris et mento summo nigris.*

Long. tota 5·6, alæ 2·6, caudæ 2·5.

*Hab.* Brazil; S. Paolo (*Sw.* in Mus. Cantab.); Paraguay (*Natterer*); Ypanema (*Von Olfers*).

*Mus.* Brit., Paris., Berol., &c.

Genus XIV. NEMOSIA.

*Nemosia*, Vieill. Analyse, p. 32 (1816).

*Hemithraupis*, Cab. Mus. Hein. p. 21 (1851).

*Thlypopsis*, Cab. Mus. Hein. p. 138 (1851).

*Rostrum tenue, elongatum, incurvum, acutum, dente finali fere nullo: alæ elongatæ, remige prima longa, tribus proximis paulo longioribus, æqualibus et longissimis: cauda modica, subquadrata: sexus dissimiles.*

a. *Nemosia*.

## 1. NEMOSIA PILEATA.

- Tangara à coiffe noire de Cayenne*, Buff. Pl. Enl. 720. fig. 2.  
*Tanagra pileata*, Bodd. Table d. Pl. Enl. ; Gm. S. N. 898.  
*Nemosia pileata*, Vieill. N. D. d'H. N. xxii. p. 490 ; Enc. Méth. p. 787 ; Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 28 ; d'Orb. Voy. p. 261 ; Gray, Gen. p. 366 ; Bp. Consp. p. 236.  
*Hylophilus cyanoleucus*, Max. Beitr. iii. p. 734 (♂).  
*Hylophilus cæruleus*, ib. p. 731 (♀).  
*Tangara à coiffe noire*, Desm. Tan. pl. 41.  
*Hooded Tanager*, Lath. G. H. vi. p. 13.  
*Pico de punzon negro azul y blanco*, Azara, no. 105 (♂).  
*P. d. p. azul y blanco*, id. no. 110 (♀).  
*Plumbescenti-cærulea, pileo supero cum capite et cervice laterali nigris : striga præoculari et corpore subtus albis : rostro nigro : pedibus flavidis.*—♀ *supra minus cærulescens et nigro colore omnino carens ; subtus minus pure alba.*  
 Long. tota 4·7, alæ 2·8, caudæ 1·8.  
*Hab.* Cayenne ; Brazil, Para (*Wallace*), Mexicana (*Wallace*), Bahia (*P. Max.*) ; Nauta (*Cast. et Dev.*) ; Bolivia, Chiquitos (*d'Orb.*) ; Paraguay (*Azara*) ; Venezuela, Caraccas (*Levraud*).  
*Mus. Brit., Paris., &c.*

b. *Hemithraupis*.

## 2. NEMOSIA GUIRA.

- Sylvia brasiliensis viridis*, Briss. Orn. iii. 533.  
*Motacilla guira*, Linn. i. p. 335.  
*Tang. olive à gorge noire de Cayenne*, Buff. Pl. Enl. 720. fig. 1.  
*Tanagra nigrigula*, Bodd. Table d. Pl. Enl.  
*Tanagra nigricollis*, Gm. S. N. p. 894.  
*Hylophilus guira*, Max. Beitr. iii. p. 736.  
*Nemosia nigricollis*, Vieill. N. D. d'H. N. xxii. p. 491 ; Enc. Méth. p. 788 ; Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 28 ; d'Orb. Voy. p. 261 ? ; Hartl. Ind. Az. p. 7 ; Gray's Gen. p. 366.  
*Nemosia guira*, Gray's Gen. App. p. 17 ; Bp. Consp. p. 236.  
*Hemithraupis guira*, Cab. Mus. Hein. p. 21 ; Bp. Consp. p. 312.  
*Pico de punzon amarillo barba negra*, Azar. Pax. no. 102.  
*Guira Warbler*, Lath. G. H. vii. p. 193.  
*Flavescenti-olivacea ; superciliis longis et vitta gutturem nigrum undique cingente flavis : pectore et dorso postico cinnamomeis : ventre cinerascenti-flavido, crisso saturatiore.* ♀ *flavicanti-olivacea, uropygio clariore : subtus valde dilutior.*  
 Long. tota 5·0, alæ 2·6, caudæ 2·0.  
*Hab.* Cayenne ; Brazil, south-eastern provinces (*P. Max.*) ; Bolivia (*d'Orb.* ?).  
*Mus. Brit., Paris., &c.*  
 There are slight variations in colouring between the Brazilian and

Cayenne examples of this species, but not sufficient to lead me to consider them distinct.

3. NEMOSIA GUIRINA, sp. nov.

*Nemosia guira*, Sclater, P. Z. S. 1855, p. 155.

*Flavescenti-olivacea, superciliis longis cum plaga cervicali utrinque conjunctis flavis: gutture et capitis lateribus nigris: dorso postico cinnamomeo, pectore item cinnamomeo sed saturatiore et magis castaneo: abdomine cinerascenti-flavido, crisso flavicante.*

Long. tota 5·0, alæ 2·9, caudæ 2·0.

*Hab.* New Grenada, Bogota; East Peru.

Three specimens of what would at first sight appear to be *N. guira*, in my possession, two of which are from New Grenada and the third from Peru, offer such a marked difference in the length of the wing on comparison with specimens from the eastern coast, that I cannot avoid separating them specifically. They are also distinguishable, as the yellow colour is more developed on the sides of the neck, but does not form a band between the breast and black throat, as in *N. guira*. And in the *N. guirina* the breast has more of a deep chestnut tinge, which extends quite up to the black throat.

Perhaps d'Orbigny's Bolivian *N. guira* may be rather referable to this species than to the previous bird.

4. NEMOSIA FLAVICOLLIS.

*Nemosia flavicollis*, Vieill. N. D. d'H. N. xxii. 491; Enc. Méth. p. 788; Gal. Ois. p. 99. pl. 75; Gray, Gen. p. 366; Bp. Consp. p. 236.

*Tanagra speculifera*, Temm. Pl. Col. 36. fig. 1. ♂. 2. ♀.

*Sylvia melanoxantha*, Licht. Verz. d. Doubl. p. 34.

*Hylophilus melanoxanthus*, Max. Beitr. iii. 736.

*Hemithraupis flavicollis*, Bp. Consp. p. 312.

*Hemithraupis melanoxantha*, Cab. M. H. p. 21.

*Nigra, dorso postico flavo: speculo alari et corpore subtus albis: gutture aureo: crisso flavo, dorso concolore. ♀ supra brunnescenti-olivacea: subtus flavida, medialiter clarior: alarum marginibus flavicantibus.*

Long. tota 5·1, alæ 2·7, caudæ 2·1.

*Hab.* Brazil (P. Max.).

*Mus.* Brit., &c.

5. NEMOSIA INSIGNIS, sp. nov.

*Nigra, brunnescente tincta: speculo alari et corpore subtus albis: interseapulio et dorso inferiore cum gutture et crisso flavis. ♀ brunnescenti-olivacea, alarum et caudæ marginibus flavescentibus: subtus flavida, lateribus obscurioribus.*

Long. tota 5·5, alæ 2·9, caudæ 2·1.

*Hab.* South Brazil.

*Obs.* *Similis* *N. flavicollis*, sed *crassitie majore, dorso flavo altius ascendente et gutture pallidius flavo, dorso fere concolore, distinguenda.*

I possess three specimens of this *Nemosia*, male, female and young male, out of a collection formed, I believe, in the southern part of Brazil. They are certainly larger in all their dimensions than the *N. flavicollis*, besides showing the other differences above noted, and I think can hardly be passed over as merely a local variety of that species.

6. *NEMOSIA AURICOLLIS*, sp. nov.

*Nemosia flavicollis* ex *Cayenna*, auct.

*Saturate nigricanti-brunnea; speculo alari parvo albo: dorso postico, gutture et crisso aureo-flavis, abdomine albido.*

Long. tota 4·6, alæ 2·7, caudæ 1·9.

*Hab.* Cayenne; East Peru, river Ucayali (*Hawxwell*).

*Mus. Brit., &c.*

*Obs.* *N. flavicollis* *simillima, sed colore brunneo, et dorso postico aurescentiore flavo, necnon speculo alari magis celato, distinguenda.*

7. *NEMOSIA PERUANA*.

*Hemithraupis peruana*, Bp. R. Z. 1851, p. 173; Note s. l. Tang. p. 24.

*Nemosia peruana*, Selater, Tan. Cat. Sp. p. 7.

*Nigra, brunnescente tincta; speculo alari albo: dorso postico toto, gutture, crisso et maculis in tectricibus alarum aureo-flavis: abdomine albo: pectore paululum nigro variegato. ♀ olivascanti-brunnea, uropygio et alarum caudæque marginibus flavicantioribus; subtus flavida, ventre dilutiore, crisso saturatiore.*

Long. tota 5·0, alæ 2·6, caudæ 2·0.

*Hab.* East Peru.

*Mus. P. L. S.*

*Obs.* *Species maculis alaribus aureis inter affines dignoscenda.*

8. *NEMOSIA ALBIGULARIS*.

*Nemosia albigularis*, Selater, P. Z. S. 1855, p. 109. pl. xcix. et p. 155.

*Nigra: dorso postico et crisso cum macula collari utrinque et plumis narium quibusdam aureo-flavis: speculo alari albo: subtus alba, pectoris et laterum plumis nigro variegatis.*

Long. tota 4·2, alæ 2·5, caudæ 1·8.

*Hab.* New Grenada, Bogota.

*Mus. Brit., Joh. Gould, &c.*

9. *NEMOSIA RUFICAPILLA*.

*Nemosia ruficapilla*, Vieill. N. D. d'H. N. xxii. p. 493; Enc. Méth. p. 788; Gray, Gen. p. 366; Bp. Consp. p. 236.

*Sylvia ruficapilla*, Vieill. Gal. Ois. Suppl. pl. 3.

*Hylophilus ruficeps*, Max. Beitr. iii. p. 725; Gray, Gen. p. 200.

*Hemithraupis ruficeps*, Cab. Mus. Hein. p. 21; Bp. Consp. p. 311.

*Olivaceo-viridis; capite et gutture undique castaneis: pectore*



*et dorso postico cinnamomeis: macula cervicali utrinque aurea: abdomine cineraceo, medialiter flavo-virescente, crisso flavicante.*

Long. tota 5·0, alæ 2·6, caudæ 2·1.

*Hab.* Brazil, Rio; Bahia (*P. Max.*).

*Mus.* Brit., &c.

c. *Thlypopsis.*

10. NEMOSIA SORDIDA.

*Nemosia sordida*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 28; d'Orb. Voy. p. 261. pl. 18. fig. 2; Gray, Gen. p. 366; Bp. Consp. p. 237.

*Nemosia fulvescens*, Strickl. Ann. N. H. (1844), p. 420; Gray, Gen. p. 366; Bp. Consp. p. 236.

*Thlypopsis fulvescens*, Cab. Mus. Hein. p. 138.

*Nemosia blanda*, Licht. in Mus. Berol.

*Brunnescenti-cinerea; pileo cinnamomescenti-castaneo: capitis lateribus et gula flavis: abdomine dilute brunnescenti-ochraceo, medialiter albescentiore.*

Long. tota 5·0, alæ 3·7, caudæ 3·1.

*Hab.* Bolivia, Yuracares (*d'Orb.*).

*Mus.* Brit., Paris., Berolin.

I have compared a specimen of this bird, which is in my own possession, with d'Orbigny's type in the Paris Museum and the example of *N. fulvescens* which is in Mr. Strickland's collection. It seems to agree with both of these nearly enough to induce me to regard the several appellations given by these writers as probably synonymous.

11. NEMOSIA RUFICEPS.

*Tachyphonus ruficeps*, Lafr. R. Z. 1848, p. 173.

*Thlypopsis fulviceps*, Cab. Mus. Hein. p. 138.

*Cinereus, capite toto cum gutture undique castaneis, gula dilutiore: abdomine medio albescente.*

Long. tota 5·0, alæ 2·5, caudæ 2·0.

*Hab.* Caraccas in Venezuela (*Lafr.*).

*Mus.* Parisiensi, Heineano.

Genus XV. CYP SNAGRA.

*Cypsnagra*, Less. Man. d'Orn. p. 460 (1831).

*Leucopygia*, Sw. Class. Birds, ii. p. 285 (1837).

*Rostrum tenue, arcuatum, acutum, dente finali obsoleto; gonyde vix ascendente: alæ modicæ, remigibus secunda et tertia longissimis: cauda modica rotundata: pedes robusti, unguibus acutis.*

1. CYP SNAGRA RUFICOLLIS.

*Tanagra ruficollis*, Licht. Verz. d. Doubl. p. 30.

*Tanagra hirundinacea*, Less. Tr. d'Orn. p. 460.

*Leucopygia ruficollis*, Sw. An. in Men. p. 312; Cab. Mus. Hein. p. 137.

*Tachyphonus ruficollis*, d'Orb. Voy. p. 277.  
*Cypsnagra ruficollis*, Gray, Gen. p. 167; Bp. Consp. p. 232.  
*Tanagra fumigata*, Temm. in Mus. Lugd.

*Supra niger, uropygio, speculo alari cum primariarum mediarum marginibus et tectricibus alarum majoribus (vittam formantibus) albis: subtus albus vix ochraceus, gutture ferrugineo.*

Long. tota, 6·2, alæ 3·2, caudæ 2·5.

Hab. S. Brazil, Bahia (Sw.); Rio; S. Paolo (Licht.); Bolivia, Chiquitos (d'Orb.).

#### Genus XVI. TACHYPHONUS.

*Tachyphonus*, Vieill. Analyse, p. 33 (1816).

*Pyrrota*, Vieill. ibid. p. 45.

*Comarophagus*, Boie, Isis, 1826, p. 974.

*Rostrum subconicum, compressum; apice incurva, acuta et dentata; commissura plus minusve sinuata et loba mediali interdum instructa: alæ modicæ, paulum rotundatæ, remigibus tertia, quarta et quinta longissimis; secunda brevior quam quinta: cauda elongata, rotundata: sexus dissimiles: ptilosis marium nigra, fæminarum brunnea.*

##### 1. TACHYPHONUS MELALEUCUS.

*Oriolus melaleucus*, Sparm. Mus. Carls. pl. 31 (1787).

*Tanagra noir d'Amérique*, Buff. Pl. Enl. 179. fig. 2 (♂).

*Tanagra roux de Cayenne*, ib. pl. 711 (♀).

*Tanagra nigerrima*, Gm. S. N. p. 899; Max. Beitr. iii. p. 534.

*Tanagra rufa*, Bodd. Table d. Pl. Enl. (♀).

*Oriolus leucopterus*, Gm. S. N. p. 392.

*Tachyphonus leucopterus*, Vieill. N. D. d'H. N. xxxii. p. 358; Enc. Méth. p. 803; Gal. Ois. pl. 82, p. 113; d'Orb. Voy. p. 277; Gray, Gen. p. 365.

*Pyrrota leucoptera*, Bp. Consp. p. 238.

*Tachyphonus nigerrimus*, Sw. Quart. Journ. Sc. 1826, p. 62; Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 29; Schomb. Guian. iii. p. 669.

*Tordo de bosque negro cobijas blancas*, Azara, Pax. no. 76.

*Tangara noir*, Desm. Tan. pl. 45 (♂) et 46 (♀).

*White-winged Oriole*, Lath. G. H. iii. p. 125, pl. 42.

*Tachyphonus beauperthuyi*, Bp. Compt. Rend. xxxii. (1851), p. 82?.

*Sericeo-ater; tectricibus alarum summis et tectricibus inferioribus albis. ♀ rufescenti-brunnea; subtus paulo dilutior.*

Long. tota 7·0, alæ 3·4, caudæ 3·0.

Hab. Cayenne; Guiana (Schomb.); Venezuela; Trinidad; Tobago (Kirk.); Bogota (Lewy in Mus. Paris); Pintobamba in Peru et Goyaz in Brazil (Cast. et Dev.); Brazil; Pernambuco (Sw.); Bahia (P. Max.); Rio Grande do Sul (Plant.); Paraguay (Azara); Corrientes (d'Orb.).

Mus. Brit., Paris., &c.

This seems one of the most common and widely distributed species of birds in Cisandean South America. There is some variation in the length and thickness of the bill, and amount of white on the wings. Prince Bonaparte has named a Venezuelan bird exhibiting some differences in these respects, *Tachyphonus beauperthuii*, but I have not recognized that species as distinct, because I have observed such differences in specimens brought from the same locality.

## 2. TACHYPHONUS VALERII.

*Pyrrota valeryi*, J. et E. Verr. R. Z. 1855, p. 351.

*Unicolor ater* : *campteriis item nigris*.

Long. tota 2·1, alæ 4·1, caudæ 3·9.

*Hab.* Central America.

*Mus.* Paris.

I have not seen this species.

## 3. TACHYPHONUS LUCTUOSUS.

*Tachyphonus luctuosus*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 29.

*Pyrranga luctuosa*, d'Orb. Voy. p. 263, pl. 20. fig. 1 ♂. 2 ♀.

*Tachyphonus tenuirostris*, Gray, Gen. p. 365 ; Bp. Consp. p. 240.

*Lanio tenuirostris*, Gray, Gen. App. p. 16.

*Ater* : *tectricibus alarum minoribus mediisque et tectricibus subalaribus albis*. ♀ *supra virescens, uropygio flavescentiore, pileo cinerascentiore* : *subtus flavescens, gula pallide grisea*.

Long. tota 5·0, alæ 2·5, caudæ 2·1.

*Hab.* Bolivia (d'Orb.) ; Eastern Peru ; prov. Quixos in Ecuador ; Bogota ; S. Martha ; Trinidad ; Tobago (Kirk.).

*Mus.* Brit., &c.

## 4. TACHYPHONUS CORONATUS.

*Tordo de bosque coronado y negro*, Azara, Pax. no. 77.

*Agelaius coronatus*, Vieill. N. D. d'H. N. xxxiv. p. 535, et Enc. Méth. p. 711 (1818).

*Tanagra coryphæus*, Licht. Verz. p. 31 (1824).

*Tachyphonus coryphæus*, Gray, Gen. p. 365 ; Hartl. Ind. Az. p. 5.

*Pyrrota coryphæus*, Bp. Consp. p. 238.

*Tachyphonus vigorsi*, Sw. Quart. Journ. Sc. 1826, p. 63 ; Jard. Ill. Orn. pl. 36. fig. 1.

*Tachyphonus coronatus*, Selater, Tan. Cat. Sp. p. 7.

*Ater* : *vertice medio ruberrimo* : *tectricibus alarum summis et tectricibus inferioribus albis*. ♀ *rufescenti-brunnea* ; *capite magis fusco* : *subtus paulo dilutior*.

Long. tota 7·0, alæ 3·2, caudæ 3·0.

*Hab.* Paraguay (Azara) ; South Brazil (Sw.).

*Mus.* Brit., Berol.

## 5. TACHYPHONUS SURINAMUS.

*Merula surinamensis*, Briss. Orn. Suppl. vi. p. 46.

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*Turdus surinamus*, Linn. S. N. i. p. 297.

*Tachyphonus surinamensis*, Lafr. R. Z. 1846, p. 202 ; Bp. Compt. Rend. xxxii. p. 81.

*Tanagra cristata*, Gm. S. N. p. 898 (*partim*).

*Tachyphonus cristatus*, Vieill. N. D. d'H. N. xxxii. p. 356, et Enc. Méth. p. 802 (*partim*).

*Tanagra martialis*, Temm. Analyse, p. Lxv.

*Tanagra desmaresti*, Sw. Quart. Journ. Sc. 1826, p. 67.

*Tachyphonus ochropygos*, Cab. Schomb. Reis. iii. p. 668.

*Lanio cristata*, Bp. Consp. 241 (*partim*).

*Tangara huppé de la Guyane*, Buff. Pl. Enl. 301. fig. 2.

*Le Houquette, adulte*, Desm. Tan. pl. 47.

*Surinam Thrush*, Lath. G. H. v. p. 150.

*Sericeo-ater* : *tectricibus alarum minoribus et tectricibus subalaribus albis* : *fronte nigra* : *pileo medio cristato aurescenti-fulvo* : *dorso postico dilutiore fulvo* : *hypochondriis imis castaneis*. ♀ *supra olivacea* ; *capite cinereo* : *pileo medio olivaceo* : *ciliis et regione oculari flavis* : *subtus pallide fulva, crisso flavescentiore*.

Long. tota 6·0, alæ 3·5, caudæ 3·2.

*Hab.* Cayenne ; Brit. Guiana (*Schomb.*) ; Guiana on the Rio Negro (*Wallace*).

*Mus. Brit., Paris., &c.*

#### 6. TACHYPHONUS CRISTATUS.

*Tangara hupe de Cayenne*, Buff. Pl. Enl. 7. fig. 2.

*Tangara Cayennensis nigra cristata*, Briss. Orn. Supp. p. 65.

*Tanagra cristata*, Gm. S. N. p. 898 ; Max. Beitr. iii. 474.

*Tachyphonus cristatus*, Vieill. Nouv. Dict. xxxii. p. 356, et Enc. Méth. p. 802 (*partim*) ; Sw. Quart. Journ. Sc. 1826, p. 66 ; Schomb. Guian. iii. 668 ; Gray's Gen. p. 365.

*Lanio cristatus*, Vieill. N. D. d'H. N. 1846, p. 203 ; Enc. Méth. p. 740 ; Lafr. R. Z. 1846, p. 203. sp. 2 et 5 ; Gray, Gen. p. 364 ; Bp. Consp. p. 240 (*partim*).

*Tanagra brunnea*, Spix, Av. Bras. ii. p. 37. pl. 49. fig. 2 (♀).

*Tanagra gubernatrix*, Temm. Tab. Méth. p. 30.

*Lanio vieillotii*, Lafr. R. Z. 1846, p. 204.

*Houquette, jeune âge*, Desm. Tan. pl. 48.

*Crested Tanager*, Lath. G. H. vi. p. 11.

*Ater* : *pileo toto cristato ruberrimo* : *gula et dorso postico pallide fulvis* : *tectricibus alarum minoribus et tectricibus inferioribus albis*. ♀ *cinnamomescenti-brunnea, subtus dilutior*.

Long. tota 6·5, alæ 3·1, caudæ 3·0.

*Hab.* Cayenne ; Brit. Guiana (*Schomb.*) ; Brazil ; New Grenada, Bogota.

*Mus. Brit., Paris., &c.*

#### 7. TACHYPHONUS RUFIVENTER.

*Tanagra rufiventer*, Spix, Av. Bras. ii. p. 37. pl. 50. fig. 1.

*Tachyphonus rufiventer*, Strickl. Cont. Orn. 1850, p. 49. pl. 50.

*Tachyphonus serrirostris*, Strickl. MS.

*Ater* : pileo medio et uropygio flavescenti-brunneis : gulari stria et abdomine toto pallide brunneis, hoc medialiter in castaneum transeunte : tectricibus alarum superioribus et inferioribus albis.

Long. tota 6·5, alæ 3·2, caudæ 2·75.

*Hab.* Eastern provinces of Peru, Sarayaçu (*Cast. et Dev.*); Chamicurros (*Hawxwell*).

#### 8. TACHYPHONUS DELATRII.

*Tachyphonus delatirii*, Lafr. R. Z. 1847, p. 72; Gray's Gen. App. p. 17; Bp. Consp. p. 237.

*Fusco-niger* : crista verticali nitide fulvo-aurantia.

Long. tota 5·8, alæ 2·8, caudæ 2·5.

*Hab.* North-western coast of New Grenada, S. Bonaventura (*Delattre*), Gorgona (*Capt. Kellett*).

*Mus.* Brit. et Acad. Philadelph.

#### 9. TACHYPHONUS PHÆNICEUS.

*Tachyphonus phæniceus*, Sw. An. in Men. p. 311; Gray's Gen. p. 365; Bp. Consp. p. 237.

*Tachyphonus saucius*, Strickl. Ann. Nat. Hist. xiii. 419.

*Tanagra leucocampter*, Licht. in Mus. Berol.

*Chalybeo-niger* : tectricibus alarum superioribus albis, rubro marginatis, inferioribus omnino albis. ♀ supra nigrescenti-brunnea, subtus clarior, cinerascens.

Long. tota 5·5, alæ 2·9, caudæ 2·6.

*Hab.* Interior of Brazil, Borba (*Natterer*).

*Mus.* Berolinensi et Vindobiensi.

#### 10. TACHYPHONUS XANTHOPYGIUS.

*Tachyphonus xanthopygius*, Sclater, P. Z. S. 1854, p. 158. pl. 69 (♀), et 1855, p. 83. pl. 90 (♂).

*Lanio auritus*, DuBus, Bull. Ac. Brux. xxii. p. 153 (1855).

*Niger* : tergo flavo : fascicula post-superciliari coccinea : carpo summo dilute flavo : tectricibus subalaribus albis. ♀ nigro-cinerea, subtus dilutior, tergo flavo : carpo summo et tectricibus subalaribus albis.

Long. tota 6·1, alæ 3·5, caudæ 2·5.

*Hab.* New Grenada, Bogota.

*Mus.* Brit.

### Genus XVII. TRICHTHRAUPIS.

*Trichothraupis*, Cab. Mus. Hein. p. 23 (1851).

*Rostrum* Tachyphoni sed haud sinuatum, basi dilatata, dente finali minus distincto; rictu setoso : alæ modicæ, rotundatæ,



*remigibus tertia et quarta longissimis, secunda autem quintam superante : cauda modica, rotundata.*

1. TRICHTHRAUPIS QUADRICOLOR.

*Tachyphonus quadricolor*, Vieill. N. D. d'H. N. xxxii. p. 359 ; Enc. Méth. p. 803 ; Gray, Gen. p. 365 ; Bp. Consp. p. 237.

*Lindo pardo copete amarillo*, Azara, no. 101 (*unde*).

*Muscicapa melanops*, Vieill. N. D. d'H. N. xxi. p. 452, et Enc. Méth. p. 827.

*Tanagra auricapilla*, Spix, Av. Bras. ii. pl. 52. fig. 1 (♂), 2 (♀), p. 39 ; Max. Beitr. iii. p. 538.

*Muscicapa galeata*, Licht. Doubl. p. 56.

*Tachyphonus suchii*, Sw. Quart. Journ. Sc. 1826, p. 66.

*Trichothraupis quadricolor*, Cab. M. H. p. 23.

*Supra brunnescenti-olivacea, pileo cristato medialiter flavo : fronte, oculorum ambitu et alis caudaque nigris : vitta alari interna rectricum basin transcunte et tectricibus subalaribus albis : subtus pallide rufescenti-fulva. ♀ mari similis, sed crista flava et facie nigra carens.*

Long. tota 6·2 ; alæ 3·2, caudæ 2·9.

*Hab.* Brazil, Bahia (*Max.*) ; Rio (*Spix*) ; San Paolo (*Licht.*) ; Paraguay (*Azar.*).

*Mus.* Brit., Paris., Berol., &c.

Genus XVIII. EUCOMETIS.

*Comarophagus*, Bp. Compt. Rend. xxxii. p. 81 (nec Boié).

*Rostrum* Tachyphoni *sed commissura* *via sinuata : alæ elongatæ, remigibus tertia, quarta et quinta longissimis : cauda elongata, rotundata : ptilosis olivacea : sexus similes.*

1. EUCOMETIS PENICILLATA.

*Tanagra penicillata*, Spix, Av. Bras. ii. p. 36. pl. 49. fig. 1.

*Tachyphonus penicillatus*, Gray, Gen. p. 365 ; Bp. Consp. p. 237.

*Flavo-brunnescenti-olivacea, uropygio clariore : capite toto cinerascente, crista elongata, alba, cinerascente marginata : subtus saturate aurantio-flava ; gutture albo, cinereo lavato : rostro pallide corneo : pedibus brunneis.*

Long. tota 7·0, alæ 3·5, caudæ 3·1.

*Hab.* Brazil (?) (*Spix*) ; Cayenne ; Surinam (*Mus. Senckenb.*).

*Mus.* Senckenb. et P. L. S.

This seems to be the species of this curious form which has the crest most developed, and from its locality the most likely to be what Spix intended by his *Tanagra penicillata*.

I have seen several examples of it, which I have no doubt from their preparation were Cayenne skins.

2. EUCOMETIS ALBICOLLIS.

*Pyranga albicollis*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837,

p. 33; d'Orb. Voy. p. 265. pl. 26. fig. 2; Gray, Gen. p. 264; Bp. Consp. p. 241.

*Trichothraupis albicollis*, Cab. Mus. Hein. p. 23 (note).

*Olivacea, uropygio flavescente: capite et collo sordide griseis: gutture albo: abdomine flavo: mandibula pallida: maxilla cornea.*

*Hab.* Bolivia, Chiquitos (d'Orb.).

*Mus.* Paris.

### 3. EUCOMETIS CRISTATA.

*Pipilopsis cristata*, DuBus, Bull. Ac. Brux. xxxii. p. 154 (1855).

*Trichothraupis penicillata*, Sclater, P. Z. S. 1855, p. 156.

*Flavo-brunnescenti-olivacea, uropygio clariore: capite cristato toto cum gutture cineraceis, sed gula dilutiore: abdomine aurantio-flavo: rostro nigricanti-corneo, pedibus pallide brunneis.*

*Long.* tota 7·0, alæ 3·5, caudæ 3·0.

*Hab.* New Grenada, S. Martha (*Verreaux*); Cartagena et Caracas (*Mus. Paris.*); Nicaragua (*Delatre*).

*Mus.* Paris.

This bird seems to differ from the one I have called *penicillata* in its shorter crest, which is not white at the base, darker cinereous throat, rather more yellowish belly and blacker bill. In my list of Bogota birds I called it *penicillata*, not having then noticed its apparent distinctness.

## Genus XIX. LANIO.

*Lanio*, Vieill. Analyse, p. 40 (1816).

*Pogonothraupis*, Cab. in Schomb. Guian. iii. p. 669 (1848).

*Rostrum rectum, compressum; mandibula superiore dentata, fortiter uncinata et loba mediali instructa: alæ elongata, remigibus tertia et quarta longissimis: cauda elongata, rotundata: ptilosis marium aurantiaca et nigra, feminarum brunnea.*

### 1. LANIO ATRICAPILLUS.

*Tang. jaune à tête noire*, Buff. Pl. Enl. 809. fig. 2.

*Tanagra atricapilla*, Gm. S. N. p. 898.

*Lanius aurantius*, Lath. Ind. Orn. 1. p. 79 ?

*Lanio atricapillus*, Vieill. N. D. d'H. N. xxii. p. 305; Vieill. Enc. Méth. p. 741; Gal. Ois. pl. 138. p. 223; Gray, Gen. p. 364; Bp. Consp. Av. p. 240.

*Pogonothraupis atricapilla*, Cab. in Schomb. Reis. iii. p. 669.

*Ferruginolento-flavus, pectore in castaneum transeunte: capite toto et cervice undique cum alis caudaque nigris: tectricibus alarum minoribus et tectricibus subalaribus albis. ♀ fusco-brunnea unicolor; subtus paulo dilutior.*

*Long.* tota 6·8, alæ 2·7, caudæ 2·1.

*Hab.* Cayenne; British Guiana (*Schomb.*); New Grenada, Bogota.

*Mus.* Brit., Paris.

## 2. LANIO VERSICOLOR.

*Tachyphonus versicolor*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 28.

*Pyrranga versicolor*, d'Orb. Voy. p. 262. pl. 19. fig. 1.

*Lanio versicolor*, Lafr. R. Z. 1846, p. 203; Gray, Gen. p. 364; Bp. Consp. p. 240.

*Flavus*, dorso brunnescentiore: capite toto et gula cum alis caudaque nigris: tectricibus alarum superioribus omnino albis.

♀ flavo-brunnea unicolor, cauda rufescente: ventre flavescente.

Hab. Bolivia, Yuracares (d'Orb.).

Mus. Paris., Lafresnayano.

Obs. Affinis Lanioni atricapillo sed statura minore, dorso imo et colli lateribus flavescens, tectricibus alarum omnino albis, et corpore subtus flavescens distinguendus.

## 3. LANIO AURANTIUS.

*Lanio aurantius*, Lafr. R. Z. 1846, p. 204; Gray, Gen. App. p. 16; Bp. Consp. p. 240.

*Flavissimus*: capite toto cum gula et alis caudaque nigris: tectricibus alarum minoribus albis: plaga magna pectorali ferruginea.

♀ supra brunnea, uropygio flavicante: capite et collo postico ochraceo: gula fusca: abdomine flavo; crisso brunnescentiore: tectricibus subalaribus griseis.

Long. tota 8·0, alæ 3·9, caudæ 3·5.

Hab. Honduras (Dyson); S. Mexico, Orizaba (Sallé).

Mus. Brit., Lafresnayano.

## Genus XX. PHÆNICOTHAUPIS.

*Phænicothraupis*, Cab. Mus. Hein. p. 24 (1851).

Rostrum forte, elongatum, rectum, subconicum, compressum, commissura non sinuata; dente finali distincto: alæ longæ, remigibus tertia, quarta et quinta longissimis, sexta secundam superante: cauda longa, rotundata: pitilosis marium rubra, familiarum brunnea.

## 1. PHÆNICOTHAUPIS RUBICA.

*Habia roxiza*, Azara, no. 85.

*Saltator rubicus*, Vieill. N. D. d'H. N. xiv. p. 107; Enc. Méth. p. 792; Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 36; Gray, Gen. p. 363; Hartl. Ind. Az. p. 6.

*Tanagra flammiceps*, Temm. Pl. Col. 177; Max. Beitr. iii. 597.

*Tanagra porphyrio*, Licht. Verz. d. Doubl. p. 31.

*Pyrranga rubica*, d'Orb. Voy. p. 265.

*Phænicothraupis rubica*, Cab. Mus. Hein. p. 24: Sclater, Ann. N. H. xiv. p. 24.

*Fusco-rubescens fere unicolor*: cauda clariore: pileo cristato medialiter coccineo: capitis lateribus obscurioribus: rostro nigrescenti-plumbeo: pedibus pallidis. (♀) pallide fusco-brunnea unicolor; subtus dilutior.

Long. tota 7·2, alæ 3·9, caudæ 3·7.

*Hab.* South-east Brazil (*P. Max.*); Paraguay (*Azara*); Bolivia, Guarayos and Yuracares (*d'Orb.*).

*Mus.* Brit., &c.

2. PHÆNICOTHTRAUPIS RUBRA.

*Tachyphonus ruber*, Vieill. N. D. d'H. N. xxxii. p. 359; Enc. Méth. p. 804.

*Phæn. rubica* ex ins. Trinit., Sclater, Ann. N. H. xiv., p. 24.

*Fusco-rubescens*; *subtus clarior*; *abdomine et cauda roseo indutis*; *crista mediali coccinea*; *rostro fusco-plumbeo*; *pedibus pallide brunneis*.

Long. tota 6·8, alæ 3·7, caudæ 3·0.

*Hab.* Trinidad.

*Mus.* P. L. S.

This bird is rather smaller than the South Brazilian species, and may be distinguished from it by its brighter and more rosy colouring below, shorter tail and paler feet. I have only seen specimens from the island of Trinidad.

3. PHÆNICOTHTRAUPIS RUBICOIDES.

*Saltator rubicoides*, Lafr. R. Z. 1844, p. 41.

*Phænicothraupis rubicoides*, Cab. M. H. p. 24; Sclater, Ann. N. H. xiv., p. 25.

*Pyranga ignicapilla*, Licht. in Mus. Berol. (♂).

*Pyranga quajacina*, Licht. in Mus. Berol. (♀).

*Supra fusco-rubescens*, *cauda dorso concolore*; *subtus pectore toto multo clariore*, *ruberrimo*; *crista mediali verticis coccinea*; *rostro nigro-plumbeo*; *pedibus pallide brunneis*. ♀ *pallide fusco-brunnea*, *subtus dilutior*, *guttur pallidior*.

Long. tota 7·5, alæ 4·0, caudæ 3·75.

*Hab.* S. Mexico, Papantla (*Mus. Berol.*); Cordova (*Sallé*); Guatimala (*Mus. H.E.S.*); S. Martha (*Verr.*).

*Mus.* Brit., Berol., Lafresnayano, H.E.S.

This bird may be recognized by its tail being of the same colour as the back, not brighter, as in the Brazilian species, and the scarlet breast. My examples were collected by Signor Constancia in the vicinity of Guatimala. Specimens received by MM. Verreaux from S. Martha, New Grenada, to which I have seen the MS. name "*P. erythrolaimus*, Bp." attached, appear hardly different from the Mexican bird.

4. PHÆNICOTHTRAUPIS GUTTURALIS.

*Phænicothraupis gutturalis*, Sclater, Ann. N. H. xiv. (1854), p. 25.: P. Z. S. 1855, p. 156.

*Niger*: *vertice cristato cum gutture medio coccineis*; *rostro pedibusque nigris*.

Long. tota 7·25, alæ 3·8, caudæ 3·2.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., Paris.

Since describing this species, I have seen several other specimens of it in the Paris Museum, transmitted from Bogota by M. Fontanier in 1853.

Genus XXI. LAMPROTES.

*Lamprotes*, Sw. Class. Birds, ii. 283 (1837).

*Sericossypha*, Less. Echo d. M. S. 1844, p. 382.

*Rostrum* Orthogonydis *sed paulo fortius: alæ elongatæ, remige prima longa et vix brevior quam sequentibus: cauda breviuscula, rotundata: tarsi breves et sicut pedes robustissimi; ungues acutissimi: ptilosis aureo-nitens, marium rubro variegata, feminarum unicolor.*

a. *Lamprotes*.

1. LAMPROTÉS LORICATUS.

*Tanagra loricata*, Licht. Verz. d. Doubl. p. 31 (1823), (♀); Bp. Consp. p. 237.

*Sultator niger*, Vieill. Enc. Méth. p. 794 (jun.?).

*Tanagra rubricollis*, Spix, Av. Bras. ii. p. 43.

*Tanagra rubrigularis*, Spix, *ib.* p. 43.

*Lamprotes rubrigularis*, Sw. Class. ii. 283.

*Lamprotes ruficollis*, Gray, Gen. p. 362.

*Tachyphonus loricatus*, Gray, l. c.

*Tanagra bonariensis*, Max. Beitr. iii. 530.

*Lamprotes loricatus*, Sclater, Tan. Cat. Sp. p. 8.

*Fulgenti-ater, gutture et jugulo medialiter rubris. ♀ unicolor atra, gutture concolore.*

Long. tota 8·5, alæ 4·6, caudæ 3·0.

*Hab.* South-east Brazil, Bahia (*Max.*).

*Mus.* Brit., Paris., &c.

b. *Sericossypha*.

2. LAMPROTÉS ALBICRISTATUS.

*Lamprotes albocristatus*, Lafr. R. Z. 1843, p. 132; Lafr. Mag. de Zool. 1844, pl. 50; Gray, Gen. p. 362.

*Sericossypha sumptuosa*, Less. Echo d. M. S. 1844, p. 382; Less. Descr. d. Mamm. et Ois. p. 354.

*Velutino-ater: alis caudaque æneo fulgentibus: pileo niveo: gutture et jugulo sanguinolente purpureis.*

Long. tota 9·3, alæ 5·5, caudæ 4·0.

*Hab.* New Grenada, Bogota (*Lewy*); S. Martha (*Fontanier*).

*Mus.* Brit., Paris.

Some examples of this splendid bird have the throat much more red, almost scarlet. I have not yet seen the female, which would probably have the throat black.

Genus XXII. ORTHOGONYNS.

*Orthogonyns*, Strickl. Ann. Nat. Hist. xiii. (1844), p. 421.



*Cyanicterus*, Bp. Consp. p. 240 (1850).

*Rostrum elongatum, compressiusculum, culmine obtuse carinato et regulariter curvato; gonyde rectissima nec ascendente: alæ modicæ, remigibus secunda, tertia et quarta fere æqualibus, prima brevior quam quinta: cauda rotundata: tarsi breves.*

#### 1. ORTHOGONYS VIRIDIS.

*Tanagra viridis*, Spix, Av. Bras. ii. pl. 48, fig. 2.

*Orthogonys viridis*, Strickl. Ann. N. H. xiii. p. 421; Bp. Consp. p. 531.

*Lamprotes viridis*, Gray, Gen. p. 362.

*Tanagra vegeta*, Licht. in Mus. Berol.

(♂ et ♀ ?) *Supra olivaceo-viridis, subtus flavus, lateraliter olivascentior: rostro nigro, pedibus pallide brunneis.*

Long. tota 8·0, alæ 3·7, caudæ 3·5.

*Hab.* South Brazil, Rio (*Spix*).

*Mus.* Brit., Paris., &c.

I have seen many examples of this bird, all similar, from Brazilian collections, and therefore conclude the sexes are alike, although the colouring is what one would suppose to be that of a female bird.

#### 2. ORTHOGONYS CYANICTERUS.

*Pyrranga cyanicteræ*, Vieill. N. D. d'H. N. xxviii. p. 290 (♂ jun.); Vieill. Enc. Méth. p. 798; Vieill. Gal. Ois. pl. 81. p. 112; Gray, Gen. p. 364.

*Pyrranga icteropus*, Vieill. N. D. d'H. N. xxviii. p. 291; Vieill. Enc. Méth. p. 799; Puch. Arch. Mus. Par. vii. p. 356.

*Tachyphonus chloricterus*, Vieill. N. D. d'H. N. xxxii. p. 360 (♀); et Enc. Méth. p. 804?? Puch. Arch. Mus. Par. vii. p. 379.

*Tachyphone à épaulettes bleues*, Less. Tr. d'Orn. p. 463 (♀); Puch. Arch. Mus. Par. vii. p. 378. pl. xxii.

*Cyanicterus venustus*, Bp. Consp. p. 240.

*Orthogonys cyanicterus*, Selater, Tan. Cat. Sp. p. 8.

*Supra late cæruleus: infra gutture toto ad medium pectus cæruleo, abdomine flavo: rostro nigro, pedibus flavis. (♀) supra viridis cæruleo tincta: corpore subtus cum loris et oculorum ambitu flavis: rostro pallido: pedibus flavis.*

Long. tota 7·75, alæ 3·5.

*Hab.* Cayenne (Poiteau, 1822, *Mus. Par.*).

*Mus.* Brit., Paris., Lugdunensi, Lafresnayano.

There are pairs of this singular Tanager (marked ♂ and ♀) in the Paris, British, and Leyden Museums, but I have rarely met with it elsewhere. I consider it certainly congeneric with the Brazilian *O. viridis*. The only question is, whether that may not be the female of a corresponding brightly-coloured species. I may observe, that if the birds had not been marked as pairs in the collections above-cited, I should probably have considered the female as specifically distinct.

## Genus XXIII. PYRANGA.

*Pyranga*, Vieill. Analyse, p. 32 (1816).

*Phœnisoma*, Sw. Class. Birds, ii. p. 284 (1837).

*Rostrum subrectum, subconicum, cylindricum, culmine modice incurvo, apice dentata, maxilla lobâ mediali plerumque instructa: alæ elongatæ, remigibus quatuor primis fere æqualibus, sed secunda et tertia paulo longioribus: cauda modica, subquadrata: ptilosis marium coccinea, fœminarum flava aut flavo-virens.*

## 1. PYRANGA RUBRA.

*Tanagra rubra*, Linn. S. N. i. p. 314; Wils. Am. Orn. i. pl. 11. fig. 3, 4; Aud. Orn. Biogr. iv. p. 388. et Am. Orn. pl. 354. fig. 3 ♂, 4 ♀.

*Pyranga rubra*, Sw. North. Zool. ii. p. 273; Aud. Syn. p. 136; Jard. Wils. Am. Orn. i. p. 192; Aud. 8vo. ed. iii. p. 226. pl. 209; Gray, Gen. p. 364; Bp. Consp. p. 241; Selater, P. Z. S. 1855, p. 156.

*Pyranga erythromelas*, Vieill. N. D. d'H. N. xxviii. p. 293. et Enc. Méth. p. 800.

*Phœnisoma rubra*, Sw. Class. ii. p. 284.

*Tangara du Mexique*, Buff. Pl. Enl. 127. fig. 1 (♂).

*Tangara du Canada*, Buff. Pl. Enl. 156. fig. 1 (♂); Desm. Tan. pl. 34.

*Red Tanager*, Lath. G. H. vi. p. 5.

*Coccinea, alis caudaque nigris. ♀ olivacea, subtus flavescens, alis caudaque fuscis.*

Long. tota 6·7, alæ 3·8, caudæ 2·8.

*Hab.* North America from Texas to Lake Huron, summer migrant (*Aud., Wils., &c.*); Texas (*Sitgreaves*); Mexico (*Bullock*); Antilles, Cuba (*d'Orb.*) (*Poey*); Jamaica (*Gosse*); New Grenada, Bogota.

*Mus. Brit., Paris., &c.*

## 2. PYRANGA ÆSTIVA.

*Muscicapa rubra*, Linn. S. N. i. p. 326?

*Tanagra æstiva*, Gm. S. N. 889; Wils. Am. Orn. pl. 6. fig. 3; Aud. Orn. Biogr. i. p. 232. et Am. Orn. pl. 44. ♂ et ♀.

*Loxia virginica*, Gm. S. N. i. p. 849 (?).

*Tanagra variegata*, Lath. Ind. Orn. i. p. 421 (♂ juv.).

*Tanagra mississippiensis*, Gm. S. N. i. p. 889.

*Pyranga æstiva*, Vieill. N. D. d'H. N. xxviii. p. 291. et Enc. Méth. p. 799; Aud. Syn. p. 136; Jard. Wils. Orn. i. p. 95; Aud. 8vo. ed. iii. p. 222. pl. 268; Bp. P. Z. S. 1837, p. 117; Gray, Gen. p. 364; Bp. Consp. p. 241; Selater, P. Z. S. 1855, p. 156.

*Phœnisoma æstiva*, Sw. Class. ii. p. 284.

*Tangara de Mississippi*, Buff. Pl. Enl. 741; Desm. Tan. pl. 32 et 33.

*Summer Tanager*, Lath. G. H. vi. p. 8.

*Rosaceo-coccinea, dorso toto paulo obscuriore; rostro pallide*

F

*corneo, tomiis et apice pallescentibus. ♀ olivacea, subtus flavescens.*

Long. tota 6·5, alæ 3·8, caudæ 2·8.

*Hab.* North America, from Texas to Massachusetts, and in the interior to Canada (*Aud.*, &c.); Texas (*Sitgreaves*); Mexico, Cordova (*Sallé*); Guatemala (*Constancia*), (*Bp.*); Antilles, Cuba (*de la Sagra*), (*Poey*); Jamaica (*Gosse*); Chiriqui (*Bridges*); New Grenada, Bogota.

*Mus.* Brit., Paris., &c.

### 3. PYRANGA SAIRA.

*Habia punzó*, Azara, Pax. no. 88 (*unde*),

*Saltator ruber*, Vieill. Enc. Méth. p. 793 (♂).

*Habia amarilla*, Azara, Pax. no. 87 (*unde*),

*Saltator flavus*, Vieill. Enc. Méth. p. 791 (♀).

*Tanagra mississippiensis*, Licht. Verz. d. Doubl. p. 30; P. Max. Beitr. iii. p. 521.

*Tanagra saira*, Spix, Av. Bras. ii. pl. 48. fig. 1.

*Pyranga mississippiensis*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 31.

*Pyranga azaræ*, d'Orb. Voy. p. 264; Bp. Consp. p. 241; Gray, Gen. p. 364.

*Phœnisoma azaræ*, Tsch. F. P. p. 206; Schomb. Reise, iii. p. 668; Cab. Mus. Hein. p. 25.

*Rubro-coccinea, dorso toto et cauda obscurioribus: rostro cyanescens-plumbeo, tomiis pallidioribus: pedibus nigris. ♀ flavescens-olivacea: superciliis et corpore subtus flavis.*

Long. tota 8·0, alæ 3·9, caudæ 2·9.

*Hab.* British Guiana (*Schomb.*); Brazil; Rio; Bahia and Minas (*Max.*); S. Paolo (*Licht.*); Paraguay (*Azar.*); Bolivia (*d'Orb.*); Buenos Ayres (*d'Orb.*); East Peru (*Tsch.*).

*Mus.* Berol., Brit., &c.

This bird is clearly distinct from the North American *P. æstiva* upon an accurate comparison. It is of quite a different red, being much brighter; the bill is larger and of a dark plumbeous, not horn colour, and the feet are nearly black.

As I find that Spix's *T. saira*, of which I have seen the type at Munich, is the female of this bird, I have thought it right to use that name for it, as first given, instead of the usually adopted *azaræ*.

### 4. PYRANGA HEPATICA.

*Pyranga hepatica*, Sw. Phil. Mag. 1827, p. 438.

*Phœnisoma hepaticum*, Cab. Mus. Hein. p. 25.

*Pyranga dentata*, Licht. in Mus. Berol.

*Pyranga azaræ*, Sitgreaves' Rep. Exp. p. 82?

*Supra cinerascens-rubra; capite summo et corpore subtus coccineis, lateribus cinerascens: rostro nigro-plumbeo, pedibus nigro-brunneis. ♀ olivacea: pileo flavescens: subtus flava, lateraliter olivascens.*

Long. tota 8·0, alæ 4·1, caudæ 3·0.

*Hab.* Mexico, Real del Monte (*Bullock*); Orizaba (*Botteri*).

This Mexican species is quite different from the *saira* and *castiva*, being larger in size and greyish-red above. I have never observed it except in collections from Mexico. I think the *P. azaræ*, noticed in Sitgreaves' 'Report of the Zuni and Colorado Rivers Expedition,' is very likely to be this bird, as the *saira* (*azaræ*) does not range nearly so far north.

#### 5. PYRANGA LUDOVICIANA.

*Tanagra ludoviciana*, Wils. Am. Orn. pl. 20. fig. 1; Aud. Orn. Biogr. iv. p. 385. et v. p. 90; Am. Orn. pl. 354. fig. 1. 2 (♂), et 400. fig. 4 (♀).

*Pyranga ludoviciana*, Bp. P. Z. S. 1837, p. 117; Aud. Syn. p. 137. et Am. Orn. 8vo. ed. iii. pl. 210. p. 231; Gray, Gen. p. 364; Bp. Consp. p. 241.

*Tanagra columbiana*, Jard. Wils. i. p. 317.

*Pyranga erythroptis*, Vieill. N. D. d'H. N. xxviii. p. 291. et Enc. Méth. 799.

*Flava, interscapulio, alis et cauda nigris: alis flavo et flavicanti-albo bivittatis: capite et gutture undique coccineo indutis.*  
♀ *olivacea, subtus flava, alarum vittis et secundariorum margine externa apicali albis.*

Long. tota 6·7, alæ 3·9, caudæ 2·9.

*Hab.* North America, Platte river and Columbia river (*Aud.*); Mexico, Orizaba (*Botteri*); Guatimala (*Constancia*) (*Bp.*); San Blas (*Kellett*).

*Mus.* Brit., Derbiano.

#### 6. PYRANGA ERYTHROCEPHALA.

*Spermagra erythrocephala*, Sw. Phil. Mag. 1827, p. 437.

*Pyranga cucullata*, Du Bus, Bull. Ac. Brux. xiv. pt. 2. p. 105 (1847); R. Z. 1848, p. 245; Bp. Consp. p. 241; Gray, Gen. App. p. 16.

*Pyranga erythrocephala*, Bp. R. Z. 1851, p. 178. et Note s. 1. Tang. p. 29.

*Olivaceo-viridis, subtus flavescens: capite toto et gula coccineis: maxilla medialiter non dentata.*

Long. tota 6·0, alæ 3·0, caudæ 2·7.

*Hab.* Mexico, Temiscaltepec (*Bullock*).

*Mus.* Derbiano.

#### 7. PYRANGA RUBRICEPS.

*Pyranga rubriceps*, Gray, Gen. p. 364. pl. 89; Bp. R. Z. 1851, p. 178. et Note s. 1. Tang. p. 29; Sclater, P. Z. S. 1855, p. 156.

*Pyranga erythrocephala*, Gray, Gen. App. p. 16 (err.); Bp. Consp. p. 241.

*Pyranga pyrrocephala*, Massena, MS.

*Supra olivacea; alis caudaque nigris, cauda et secundariis*

*olivaceo limbatis: tetricibus superioribus flavis: capite toto cum cervice undique et pectore coccineis: abdomine flavo.*

Long. tota 6·7, alæ 3·7, caudæ 3·0.

Hab. New Grenada, Bogota.

Mus. Brit., Paris.

#### 8. PYRANGA ERYTHROMELANA.

*Tanagra erythromelas*, Licht. Preis-Verz. d. Säug. u. Vög. no. 69 (1831).

*Pyrrangula leucoptera*, Trudeau, Journ. Phil. viii. 160. 1837; Bp. Consp. p. 241.

*Pyrrangula bivittata*, Lafr. R. Z. 1842, p. 70; Gray, Gen. p. 364.

*Coccinea: fronte et lateribus capitis cum mento summo alis caudaque nigris: interscapulio partim nigro: alis albo bivittatis. ♀ flavo-olivascens, subtus flava, alis et cauda nigris: illis albo bivittatis.*

Long. tota 5·7, alæ 2·9, caudæ 2·2.

Hab. South Mexico, Lagunas (*Deppe*, in Mus. Berol.); Orizaba (*Botteri*, in Mus. Brit.); Xalapa (*Cab.*); Cordova (*Sallé*); Guatimala (*Constancia*, in Mus. H. E. S.).

Mus. Brit. Berlinensi.

#### 9. PYRANGA ARDENS.

*Phœnisoma ardens*, Tsch. Wieg. Arch. 1844, p. 207.

*Phœnisoma bivittatum*, Tsch. F. P. p. 207; Cab. Mus. Hein. p. 24.

*Pyrrangula erythromelas*, Selater, P. Z. S. 1855, p. 156.

*Coccineus: loris, alis et cauda nigris: alis albo bivittatis. ♀ flavo-olivascens, subtus flava: alis (albo bivittatis) et cauda nigris.*

Long. tota 5·7, alæ 3·0, caudæ 2·4.

Hab. New Grenada, Bogota; Venezuela, Cariana near Cariaca (*Dyson*); north-east wood-region of Peru (*Tsch.*).

Mus. Brit., Paris., Derbiano, &c.

This South American bird has not the black front and chin of the Mexican *P. erythromelana*, with which it is generally united, and has less appearances of black between the wings. If these differences are constant, as they appear to be in all the specimens which I have access to at present, the two species may be rightly regarded as distinct.

Lafresnaye gives no locality for his *P. bivittata*, but his description is rather more applicable to the Mexican bird, and Tschudi's 'ardens' seems the only term left for the South American form.

#### 10. PYRANGA BIDENTATA.

*Pyrrangula bidentata*, Sw. Phil. Mag. 1827, p. 428; Gray, Gen. p. 364; Bp. Consp. p. 241.

*Pyrrangula sanguinolenta*, Lafr. R. Z. 1839, p. 97; Gray, Gen. p. 364; Bp. Consp. p. 241.

*Phœnisoma bidentatum*, Cab. Mus. Hein. p. 24.



*Dilute coccinea: interscapulio pallide flavescenti-brunneo, nigro variegato: secundariorum et tetricum alarum apicibus albo maculatis, his maculis sanguineo tinctis.*

Long. tota 7·5, alæ 3·75, caudæ 3·25.

*Hab.* Mexico, Temiscaltepee (*Bullock*); Xalapa (*Mus. Berol.*).  
*Mus. Berol.*, *Eytoni*.

#### Genus XXIV. RAMPHOCELUS.

*Ramphocelus*, Desm. Tang. et Man. p. 5 (1805).

*Ramphopis*, Vieill. Analyse, p. 32 (1816).

*Jacapa*, Bp. R. Z. 1851, p. 178.

*Rostrum subbreve, mandibulæ inferioris basi dilatata et quasi quadriformi: alæ breves, remigibus tertia, quarta et quinta longissimis: cauda rotundata: ptilosis marium velutino-coccinea aut purpurea, fæminarum brunnea, aut olivaceo-flava.*

##### a. *Ramphocelus*.

##### 1. RAMPHOCELUS BRASILIUS.

*Tanager brasilia*, Linn. S. N. i. p. 314; Max. Beitr. iii. 515; Du Bois, Orn. Gal. pl. 124.

*Ramphocelus coccineus*, Vieill. Enc. Méth. p. 796. et Gal. Ois. pl. 79.

*Ramphopis coccinea*, Sw. Orn. Dr. pl. 18 (♂). 9 (♀).

*Ramphopis brasilia*, Gray, Gen. p. 363.

*Ramphocelus brasilius*, Bp. Consp. p. 242.

*Tangara du Mexique* appelée *Cardinal*, Buff. Pl. Enl. 127. fig. 1. ♂ (fig. pess.).

*Ramphocelus scarlatte*, Desm. Tan. pl. 28 (♂). 29 (♀).

*Brazilian Tanager*, Lath. G. H. vi. p. 3.

*Velutino-coccineus; alis, caudaque et tibiis nigris; rostro nigro-plumbeo, mandibulæ inferioris basi alba. ♀ fusco-brunnea; uropygio et abdomine erubescenti-brunneis.*

Long. tota 7·5, alæ 3·2, caudæ 3·2.

*Hab.* South-east Brazil; Rio; Bahia, common (*P. Max.*).

*Mus. Brit.*, *Paris.*, &c.

##### 2. RAMPHOCELUS DORSALIS.

*Ramphocelus dorsalis*, Bp. MS.; Sclater, P. Z. S. 1854, p. 97.

*Coccineus: dorso inter alas obscuriore: alis caudaque nigris: tibiis brunneis: rostro nigro-plumbeo, mandibulæ inferioris basi alba. ♀ fusco-brunnea: uropygio et abdomine erubescenti-brunneis.*

Long. tota 7·5, alæ 3·2, caudæ 3·2.

*Hab.* South-east Brazil, Rio and Pernambuco (*J. Verreaux*).

The characters that separate this species from the last are certainly slight, but I think it is very possible that they may be really distinct.

## 3. RAMPHOCELUS NIGRIGULARIS.

*Tanagra nigrogularis*, Spix, Av. Bras. ii. pl. 47. p. 35.

*Tanagra ignescens*, Less. Cent. Zool. pl. 24.

*Ramphopsis nigrigularis*, Sw. Orn. Dr. pl. 17; Gray, Gen. p. 363.

*Ramphocelus nigrigularis*, Bp. P. Z. S. 1837, p. 121; Bp. Consp. p. 242.

*Coccineus*: regione oculari cum gula summa, interscapulio, alis caudaque, et ventre medio cum crissi dimidio inferiore sericeo-aterrimis: rostro nigro-plumbeo, mandibulæ inferioris basi alba. ♀ mari similis sed valde obscurior et colore nigro brunnescente.

Long. tota 6·7, alæ 3·2, caudæ 3·0.

*Hab.* Upper Amazon (*Spix*); Barra do Rio Negro (*Wallace*); Sarayaçu on the Ucayali (*Hawxwell*).

*Mus.* Brit., Paris., &c.

b. *Jacapa*.

## 4. RAMPHOCELUS JACAPA.

*Tanagra jacapa*, Linn. S. N. i. p. 313.

*Le bec d'argent*, Buff. H. N. iv. p. 259.

*Tang. pourpré de Cayenne*, Buff. Pl. Enl. 128. fig. 1 et 2.

*Tanagra albirostris*, Bodd. Tabl. d. Pl. Enl.

*Ramphocelus purpureus*, Vieill. Enc. Méth. p. 796.

*Ramphopsis atrococcineus*, Sw. Orn. Dr. pl. 20; Schomb. Reise, iii. 668.

*Ramphocelus jacapa*, Less. R. Z. 1840, p. 132; Bp. Consp. p. 241.

*Ramphopsis jacapa*, Gray, Gen. p. 363. sp. 1.

*Ramphocela bec d'argent*, Desm. Tan. pl. 30 (♂). 31 (♀).

*Red-breasted Tanager*, Lath. G. H. vi. p. 2; Edwards, Glean. pl. 267.

*Sericeo-ater, capite toto et corpore subtus sanguinolente purpurascens*: dorso eodem colore tincto: ventre crissoque obscurioribus: alis caudaque nigerrimis brunneo tinctis: rostro et pedibus nigris: mandibulæ inferioris basi argentescens-plumbea. ♀ fusco-brunnea, alis caudaque obscurioribus: uropygio et corpore subtus erubescens: rostro toto brunnescenti-corneo.

Long. tota 6·5, alæ 3·1, caudæ 2·9.

*Hab.* British Guiana (*Schomb.*); Lower Amazon (*Wallace*); Cayenne.

*Mus.* Brit., &c.

## 5. RAMPHOCELUS UNICOLOR, sp. nov.

*Sanguinolente purpurascens fere unicolor*: alis caudaque nigris brunneo tinctis: rostro nigro, mandibulæ inferioris basi plumbea: pedibus nigerrimis.

Long. tota 6·0, alæ 3·1, caudæ 2·9.

*Hab.* New Grenada, Bogota.

*Mus.* Brit. & P. L. S.

I have two Bogota skins of this bird. It comes very close to *R. jacapa*, of which it is doubtless the New Grenadian representative. But it is of the same dark sanguineous purple above as below, while *R. jacapa* has the back almost black, just glossed with that colour. Its bill is of the same size as in the *jacapa*, but the base of the lower mandible is not so bright.

#### 6. RAMPHOCELUS MAGNIROSTRIS.

*Ramphocelus magnirostris*, Lafr. R. Z. 1853, p. 243.

*Similis* *R. jacapæ*, sed *crassitie paulo majore, rostro majore, longiore, et colore pectoris clariore differt.*

*Hab.* Trinidad.

*Mus.* Brit.

I have seen many examples of this bird from the island of Trinidad. It certainly seems to have the beak always larger than the Cayenne bird, but this feature varies a little, some individuals being particularly remarkable for the size of the beak. The breast is also rather brighter than in *R. jacapa*.

#### 7. RAMPHOCELUS VENEZUELENSIS.

*Ramphocelus venezuelensis*, Lafr. R. Z. 1853, p. 243.

*Valde affinis* *R. jacapæ*, sed *pileo, collo, dorso uropygioque totis nigro-granatinis, et subtus rubedine paulo intensiore: media parte abdominis nigra: mandibula inferiore brevior, retro minus producta: nigredine alarum et caudæ intensiore.*

*Hab.* Venezuela (Lafr.).

*Mus.* Lafresnayano.

I have not yet seen any bird answering to this description of M. de Lafresnaye.

#### 8. RAMPHOCELUS DIMIDIATUS.

*Ramphocelus dimidiatus*, Lafr. Mag. de Zool. 1837, pl. 81; Bp. Consp. p. 242; Sclater, P. Z. S. 1855, p. 156.

*Ramphopis melanogaster*, Sw. Am. in Men. p. 359.

*Ramphopis dimidiatus*, Gray, Gen. p. 363.

*Corpore supra ad dorsum medium et gutture cerviceque antica obscure coccineis, pennis subtus nigricantibus: dorso imo et abdomine coccineis, dorso clariore; ventre medio tibiisque nigris: alis caudaque nigricantibus: rostro nigricanti-plumbeo, sed basi argentescenti-alba. ♀ obscurior, capite toto et gutture nigricanti-fuscis, interscapulio erubescente: tergo et abdomine brunnescenti-coccineis: alis caudaque fuscis.*

Long. tota 6·5, alæ 3·2, caudæ 3·0.

*Hab.* Carthagenæ (*Mus. Paris*); New Grenada, S. Martha (*Fontanier*); Bogota; Chiriqui (*Bridges*); Nicaragua (*Delattre*).

*Mus.* Brit.

## 9. RAMPHOCELUS LUCIANI.

*Ramphocelus luciani*, Lafr. R. Z. 1838, p. 54; Mag. de Zool. 1839, pl. 2; Bp. Consp. p. 242.

*Ramphopis luciani*, Gray, Gen. p. 363.

*Similis R. dimidiato, sed dorso superiore atro: capite purpurascentiore nigro.*

*Hab.* Carthagera (*Lafr.*).

*Mus.* Lafresnayano.

I am not well acquainted with this bird, having seen only one example, and that several years ago, in the collection of Baron de Lafresnaye.

## 10. RAMPHOCELUS UROPYGIALIS.

*Ramphocelus affinis*, Less. R. Z. 1840, p. 1 et 133?; Bp. Consp. p. 242.

*Ramphopis affinis*, Gray, Gen. p. 363. sp. 4.

*Ramphocelus uropygialis*, Bp. R. Z. 1851, p. 178; Note s. l. Tang. p. 29.

*Velutino-niger, dorso medio coccineo tincto: cervice et pectore antico obscure coccineis, pennis subtus nigris: uropygio, abdomine laterali et crisso vivide coccineis, ventre medio et tibiis nigerrimis: alis caudaque fusco-nigris; rostro nigro, basi argentescenti-plumbea: pedibus nigris.*

Long. tota 6·8, alæ 3·3, caudæ 3·1.

*Hab.* Guatimala.

I have in my care at present the type of *R. uropygialis*. It is the property of Mr. Edward Wilson, and will eventually, I believe, go to the Museum of the Academy of Natural Sciences at Philadelphia. I have never seen a second specimen.

## 11. RAMPHOCELUS ATRISERICUS.

*Ramphocelus atrisericus*, Lafr. et d'Orb. Mag. de Zool. 1837, p. 34; d'Orb. Voy. p. 280. pl. 26. fig. 1; Tsch. F. P. p. 206; Bp. Consp. p. 242.

*Ramphopis atrisericus*, Gray, Gen. p. 363.

*Ramphocelus aterrimus*, Lafr. R. Z. 1853, p. 244 (avis junr.).

*Sericico-aterrimus: capite supra ad nucham et lateribus obscure purpureis: mento, gula et pectore antico coccineis. Junr. nigerrimus unicolor.*

Long. tota 6·5, alæ 3·1, caudæ 3·0.

*Hab.* Bolivia (*d'Orb.*); East Peru (*Tsch.*).

*Mus.* Brit., Paris.

I have seen several specimens, clearly showing by their intermediate plumage that Lafresnaye's *R. aterrimus* is nothing more than the present bird in its immature state.

## 12. RAMPHOCELUS PASSERINII.

*Ramphocelus passerinii*, Bp. L'Antologia, 1831, no. 130; Less. R. Z. 1840, p. 133 (excl. syn.); Bp. Consp. p. 242.

*Ramphopsis passerinii*, Bp. Notes Orn. p. 52.

*Ramphopsis flammigerus*, Baird, Stansbury's Exp. to Gt. Salt Lake, App. p. 36?

*Velutino-niger*: dorso postico toto rubro-coccineo. ♀ flavo-brunneo-olivascens; dorso postico brunnescenti-flavo: capite toto et gula fuscis: alis intus et cauda nigricantibus.

Long. tota 6·3, alæ 3·1, caudæ 2·7.

*Hab.* Colombia river, Oregon (Baird); Mexico, Guatimala, Nicaragua (*Delattre*); Chiriqui (*Bridges*).

*Mus.* Paris.

This species may be at once distinguished from *R. flammigerus*, with which it has been generally confounded, by its smaller size.

### 13. RAMPHOCELUS FLAMMIGERUS.

*Ramphopsis flammigerus*, Jard. and Selb. Ill. Orn. pl. 131; Sclater, P. Z. S. 1855, p. 156.

*Ramphocelus varians*, Lafr. R. Z. 1847, p. 216 (*partim*).

*Velutino-niger*: dorso postico toto ruberrimo.

*Hab.* New Grenada, Caly (*Delattre*); Bogota.

### 14. RAMPHOCELUS CHRYSONOTUS.

*Ramphocelus varians*, Lafr. R. Z. 1847, p. 216 (*partim*).

*Ramphocelus chrysonotus*, Lafr. R. Z. 1853, p. 246; Sclater, P. Z. S. 1855, p. 156.

*Ramphocelus aurinotus*, Sclater, Tan. Cat. Sp. p. 9 (err.).

*Velutino-niger*: dorso postico toto aurantiaco-flavo.

*Hab.* New Grenada, Juntas (*Delattre*).

*Mus.* Acad. Philadelph.

This orange-rumped bird is scarcer than the other two species, *R. flammigerus* and *icteronotus*, which it so closely resembles; and I have some doubts as to its real distinctness from the former.

### 15. RAMPHOCELUS ICTERONOTUS.

*Ramphocelus icteronotus*, Bp. R. Z. 1838, p. 8; P. Z. S. 1837, p. 121; Sclater, P. Z. S. 1855, p. 156.

*Ramphopsis icteronotus*, Gray, Gen. p. 363; Dubus, Esq. Orn. pl. 15. ♂ & ♀.

*Ramphocelus varians*, Lafr. R. Z. 1847, p. 216 (*partim*).

*Velutino-niger*: dorso postico toto flavissimo. ♀ pileo, cervice, interscapulio, campteriis et alarum tectricibus minoribus flavo-olivaceis: alis caudaque obscure fuscis, illarum tectricibus mediis et secundariis flavo-olivascente marginatis: rostri ambitu sordide fuscescenti-flavo: corpore subtus flavo.

Long. tota 6·8, alæ 3·6, caudæ 3·0.

*Hab.* New Grenada, western coast, S. Bonaventura (*Delattre*), Choco Bay (*Capt. Kellett*); Guyaquil (*Dubus*); Ecuador, western slope of the Andes, near Quito (*Jameson*).

*Mus.* Brit., Paris., &c.



## 16. RAMPHOCELUS SANGUINOLENTUS.

*Tanagra (Tachyphonus) sanguinolentus*, Less. Cent. Zool. p. 107.  
pl. 39.

*Tachyphonus sanguinolentus*, Gray, Gen. p. 365.

*Ramphocelus sanguinolentus*, Bp. Consp. p. 242.

*Velutino-ater* : pileo postico, nucha cum cervice laterali et pectore conjunctis necnon tectricibus subalaribus et uropygio crissoque coccineis : rostro albo : pedibus nigris. ♀ mari similis, sed coloribus obscuribus.

Long. tota 7·5, alæ 3·7, caudæ 3·3.

*Hab.* South Mexico, Valle Real (*Deppe* in Mus. Berol.); Cordova (*Sallé*); Coban (*Delattre*, in Mus. Derb.); Honduras, Camalacan river, near Truxillo (*Dyson*).

*Mus. Brit.*, Derbiano.

## PART III.

## Genus XXV. SPINDALIS.

*Spindalis*, Jard. & Selby, Ill. Orn. n. s. (1836).

*Rostrum Tanagræ, sed basi latiore et culmine incurviore : alæ modicæ ; remigibus tertia et quarta longissimis, secunda quintam æquante, prima sextam paulo superante : cauda modica, quadrata : sexus dissimiles.*

## 1. SPINDALIS NIGRICEPHALA.

*Serinus jamaicensis*, Briss. Orn. iii. 189 (*undè*),

*Fringilla cana*, Gm. S. N. 290 (?).

*Tanagra nigricephala*, Jameson, Ed. N. Phil. Journ. xix. 213 ;  
Gosse, Ill. B. Jam. pl. 56.

*Spindalis bilineatus*, Jard. & Selby, Ill. Orn. n. s. pl. 9.

*Tanagra zena*, Gosse, B. Jam. p. 231.

*Tanagra zenoides*, Des Murs, Icon. Orn. pl. 40.

*Spindalis nigricephala*, Bp. Consp. p. 240.

*Olivacea* : uropygio flavicante : capite toto cum gutture nigris, superciliis latis et stria rictali cum gula summa albis : abdomine aurescente, pectore aurantiaco, ventre imo et crisso albis : alis nigris albo marginatis : cauda nigra, rectrice una utrinque extrema albo extus limbata et intus terminata : tectricibus subalaribus albis. ♀. *Olivacea*, capite cinerascentiore, uropygio flavascentiore : subtus cinerea, abdomine medio aurescente : ventre imo crissoque albidis : alis caudaque nigris, illis albo limbatis.

Long. tota 7·5, alæ 4·2, caudæ 3·2.

*Hab.* Jamaica (*Gosse*).

*Mus. Brit.*, &c.

## 2. SPINDALIS MULTICOLOR.

*Tanagra multicolor*, Vieill. Enc. Méth. p. 776; Gal. Ois. i. p. 100. pl. 76.

*Spindalis multicolor*, Bp. Consp. p. 240.

*Capite nigro : stria utrinque superciliari et maxillari albis : cervice postica aurantia, interscapulio olivaceo, dorso imo aurescenti-castaneo : alis nigris albo limbatis : tectricibus alarum minoribus castaneis : subtus, mento albo ; gula media flava, macula utrinque magna nigra ; pectore summo castaneo, inferiore cum ventre aureis ; ventre imo cum crisso albis ; rectricibus nigris, duabus utrinque extimis albo variis ; rostro et pedibus nigris. ♀. Supra olivascens, uropygio flavescentiore : subtus albescens olivaceo indutus, ventre medio albo : alis nigris, albo limbatis.*

Long. tota 6·2, alæ 3·2, caudæ 2·8.

Hab. S. Domingo (*Vieillot*) (*Sallé*).

Mus. Brit.

This is a smaller bird than the *S. nigricephala*, and has the lesser wing-coverts chestnut and not black. From the true *zena* it may be distinguished by its smaller bill, the more extended and brighter yellow colour on the belly, and by its having the whole back of the neck bright yellow, not dark chestnut.

## 3. SPINDALIS ZENA.

*Fringilla bahamensis*, Briss. Orn. iii. 168; Catesby, Car. i. pl. 42.

*Fringilla zena*, Linn. S. N. i. 320.

*Tanagra zena*, d'Orb. in Sagra Hist. Cub. p. 74. pl. 11; Gray, Gen. p. 365. sp. 13 (*partim*).

*Tanagra pretrei*, Less. R. Z. 1839, p. 102; Cent. Zool. p. 122. pl. 45; Gray, Gen. p. 365. sp. 14.

*Spindalis zena et pretrei*, Bp. Consp. p. 248.

*Spindalis pretrei*, Cab. Journ. f. Orn. 1855, p. 476.

*Supra nigra : cervice postica et dorso imo brunnescenti-castaneis : stria superciliari et maxillari utrinque albis : alis nigris albo limbatis : mento summo albescente : gula media flava, laterali utrinque nigra : pectore summo castaneo, inferiore aureo : ventre cinerascens, crisso albo : rectricibus nigris : harum utrinque extimis albo variegatis.*

Long. tota 5·8, alæ 2·9, caudæ 2·6.

Hab. Cuba (*Ramon de la Sagra*); Bahamas (*Catesby*).

Mus. Brit.

## Genus XXVI. TANAGRA.

*Tanagra*, Linn. S. N. i. p. 316 (1766).

*Thraupis*, Boié, Isis, 1826, p. 974.

*Rostrum subincurvum, tam altum quam latum, modice elongatum et dente finali instructum ; culmine incurvo ; gonyde paulo ascendente : alæ modicæ ; remigibus secunda tertia et quarta longissimis, prima paulo brevioribus : cauda modica, quadrata :*

*ptilosis cærulea* : sexus plerumque similes, sed aves juniores diversæ.

### 1. TANAGRA EPISCOPUS.

*Episcopus avis*, Briss. Orn. iii. p. 40.

*Tanagra episcopus*, Linn. S. N. i. p. 316 ; Strickl. Ann. N. H. xx. p. 332 ; Bp. R. Z. 1851, p. 170 ; Note s. l. Tang. p. 21 ; Sclater, P. Z. S. 1855, p. 157.

*Gracula glauca*, Sparm. Mus. Carls. pl. 54.

*Tanagra glauca*, Gray, Gen. p. 364. sp. 5.

*Tanagra serioptera*, Sw. An. in Men. p. 313 ; Schomb. Guian. iii. 670 ; Cab. Mus. Hein. p. 28.

*Cærulescenti-cana* ; dorso obscuriore ; uropygio cyaneo lavato : alis caudaque nigris cæruleo limbatis : tectricibus alarum minoribus albis, nitore cyaneo ; majoribus autem eodem colore vix marginatis.

Long. tota 6·0, alæ 3·5, caudæ 2·4.

*Hab.* British Guiana (*Schomb.*) ; Cayenne ; New Grenada, Bogota.

*Mus.* Brit., &c.

The *T. episcopus* of Linnæus depends upon Brisson's '*Episcopus avis*,' and from Brisson's description and locality I think there can be little doubt that the present species with white shoulders and narrow edgings to the greater coverts was intended.

The only bird likely to be confounded with it is the next following species *T. cælestis*, which has a regular *white bar* across the wings formed by the pure white terminations of the greater coverts.

### 2. TANAGRA CÆLESTIS.

*Tanagra cælestis*, Spix, Av. Bras. ii. p. 42. pl. 55. fig. 2 ; Bp. P. Z. S. 1837, p. 121 ; R. Z. 1851, p. 169 ; Note s. l. Tang. p. 20 ; Sclater, P. Z. S. 1854, p. 115.

*Tanagra sayaca*, Tsch. Wieg. Arch. 1844, p. 286 ; F. P. p. 203.

*Thraupis episcopus*, Cab. Mus. Hein. p. 28 (note).

*Cærulescenti-cana, subtus dilutior* : alis caudaque nigris cæruleo limbatis : tectricibus alarum minoribus candidis, majoribus quoque albo late terminatis.

Long. tota 6·5, alæ 3·8, caudæ 2·7.

*Hab.* Upper Amazon, Fonteboa (*Spix*) ; Pintobamba (*Cast. et Dev.*) ; prov. Quixos, Ecuador.

*Mus.* Parisiensi.

### 3. TANAGRA CANA.

*Tanagra cana*, Sw. Orn. Dr. pl. 37 ♂ (adult) ; Strickl. Ann. N. H. xx. p. 332 ; Sclater, P. Z. S. 1855, p. 157.

*Tanagra cælestis*, Sw. Orn. Dr. pl. 41 (juv.) ?

*Tanagra Swainsoni*, Gray, Gen. p. 364. sp. 7.

*Thraupis cana*, Cab. Mus. Hein. p. 29.

*Tanagra episcopus*, Schomb. Guian. iii. p. 670 ?

*Tanagra sayaca*, Bp. R. Z. 1851, p. 170 ; Note s. l. Tang. p. 21.

*Cærulescenti-cana*; dorso obscuriore: uropygio cyanescente: alis caudaque nigris cæruleo limbatis: tectricibus alarum minoribus violaceo-cyanis: majorum autem marginibus angustis intense cæruleis.

Long. tota 6·4, alæ 3·6, caudæ 2·4.

*Hab.* Venezuela; Trinidad; Tobago (*Kirk.*); New Grenada, Bogota; British Guiana (*Schomb.*).

*Mus.* Brit., &c.

p. 233  
These blue 'Bishop' Tanagers are very puzzling, and I confess I am as yet quite unable to arrange them satisfactorily. After separating the true 'episcopus' and 'cælestis' (which are clearly distinct) and the large South Brazilian 'cyanoptera' (which may also be recognized without much difficulty), there remain four or five birds with different names attached to them varying a good deal in the amount of blue on the wings, but not otherwise presenting very appreciable differences. At present I am inclined to refer them to two species—a South American bird with the lesser wing-coverts of a more or less violet tint—and a Central American and Mexican species with these parts deep blue—like the South Brazilian *T. cyanoptera*. The former bird is common in collections from Bogota and Trinidad, and seems to range so far south as the Amazon at Para. The latter extends from the north coast of New Grenada through Central America as far north as the province of Vera Cruz, whence specimens have lately been brought by M. Sallé.

#### 4. TANAGRA DIACONUS.

*Tanagra (Aglaia) diaconus*, Less. R. Z. 1842, p. 175.

*Calliste diaconus*, Gray, Gen. p. 466. sp. 29.

*Tanagra episcopus*, Bp. P. Z. S. 1837, p. 116.

*Tanagra diaconus*, Selater, P. Z. S. 1856, p. 142.

*Tanagra cyanilia*, Bp. Notes Orn. p. 62?

*Thraupis glaucocolpa*, Cab. Mus. Hein. p. 28?

*Cærulescenti-cana*: dorso toto obscuriore: uropygio vix cærulescente: alis caudaque nigris cæruleo limbatis: tectricibus alarum minoribus lætissime cæruleis.

Long. tota 6·2, alæ 3·5, caudæ 2·5.

*Hab.* South Mexico, Cordova (*Sallé*); Guatemala (*Bp.*) (*Constancia*); Nicaragua, Realejo (*Less.*); Chiriqui (*Bridges*); New Grenada, S. Martha (*Verreaux*).

#### 5. TANAGRA CYANOPTERA.

*Tanagra brasiliensis varia*, Briss. Orn. iii. p. 18 (?).

*Tanagra sayaca*, Linn. S. N. i. p. 316 (?); Max. Beitr. iii. 484 (*certè*).

*Loxia virens*, Linn. S. N. i. p. 303 (?).

*Tanagra virens*, Strickl. Ann. N. H. xx. 332 (*certè*).

*Lindo saihobi*, Azar. Pax. i. p. 370.

*Saltator cyanoptera*, Vieill. N. D. d'H. N. xiv. p. 104; Enc. Méth. p.

*Tanagra episcopus*, Hartl. Ind. Az. p. 6; d'Orb. Voy. p. 274; Sw. Orn. Dr. pl. 39 (adult).

*Tanagra inornata*, Sw. Orn. Dr. pl. 40 (juv.); Gray, Gen. p. 364. sp. 8; Bp. Consp. p. 238.

*Tanagra argentata*, Gray, Gen. p. 364. sp. 6.

*Tanagra praelatus*, Less. Tr. d'Orn. p. 463.

*Tanagra cyanoptera*, Bp. R. Z. 1851, p. 170; Note s. l. Tang. p. 21.

*Thraupis cyanoptera*, Cab. Mus. Hein. p. 29.

*Thraupis sayaca*, Cab. Mus. Hein. p. 28.

*Major*: supra virescenti-cana : subtus grisescentior : alis nigris virescenti-cæruleo limbatis : tectricibus minoribus intense cæruleis.

Long. tota 6·5, alæ 3·8, caudæ 2·8.

*Hab.* South-east Brazil (*Max.*); Rio Grande do Sul (*Plant*); Paraguay (*Az.*); Corrientes and Buenos Ayres (*d'Orb.*); Bolivia, Cochabamba, Valle Grande and Yungas (*d'Orb.*).

*Mus. Brit., &c.*

#### 6. TANAGRA ORNATA.

*Tanagra ornata*, Sparm. Mus. Carls. pl. 95; Sw. Orn. Dr. pl. 42; Gray, Gen. p. 364. sp. 2; Bp. Consp. p. 238; R. Z. 1851, p. 470; Note s. l. Tang. p. 21 (*partim*).

*Tanagra archiepiscopus*, Desm. Tan. pl. 17; Spix, Av. Bras. ii. p. 42. pl. 55. fig. 1; Max. Beitr. iii. 481; Schomb. Reise, iii. 670.

*Thraupis ornata*, Cab. Mus. Hein. p. 28.

*Archbishop Tanager*, Lath. G. H. vi. 16.

*Olivaceo-viridis*: interscapulio obscuriore : pileo cæruleo : subtus fuscus cæruleo lavatus : alis caudaque nigris olivaceo limbatis : campteris cæruleis : tectricibus alarum minoribus flavis.

Long. tota 6·5, alæ 3·8, caudæ 2·8.

*Hab.* South-east Brazil (*Max.*); British Guiana (*Schomb.*).

*Mus. Brit., &c.*

#### 7. TANAGRA PALMARUM.

*Tanagra palmarum*, Max. Reise, ii. p. 76 (1821); Beitr. iii. 489.

*Tanagra olivascens*, Licht. Doubl. p. 32; d'Orb. Voy. p. 274; Sw. Orn. Dr. pl. 38; Schomb. Reise, iii. 670.

*Thraupis olivascens*, Cab. Mus. Hein. p. 28.

*Tangara Evêque, femelle*, Desm. Tan. pl. 16!

*Tanagra ornata* ♀, Bp. R. Z. 1851, p. 170, et Note s. l. Tang. p. 21!!

*Tang. de Cayenne, femelle*, Buff. Pl. Enl. 178. fig. 2?

*Intense oleagineus*: interscapulio obscuriore : tectricibus alaribus capite fere concoloribus sed paulo clarioribus : remigibus et rectricibus cum alula spuria fusco-nigris olivaceo-viridi marginatis : remigum basi albescenti-olivacea, vittam indistinctam transalarem formante.

Long. tota 7·0, alæ 3·7, caudæ 2·7.

*Hab.* Brazil, Para (*Wallace*); Rio Bahia, &c.; Bolivia (*d'Orb.*); British Guiana (*Schomb.*); Cayenne; Trinidad.

*Mus. Brit., &c.*



Prince Bonaparte, in his 'Note s. l. Tangaras,' has followed the example of some of the older authors in considering this bird as the female of *T. ornata*; but I have not the slightest doubt that it is quite a distinct species. See d'Orbigny's Voyage, p. 274, and P. Max. of Neu Wied's Beitrage, iii. 489.

8. TANAGRA MELANOPTERA.

*Tanagra olivascens*, Tsch. F. P. p. 204?

*Tanagra palmarum*, Selater, P. Z. S. 1855, p. 177?

*Tanagra melanoptera*, Hartl. R. Z.

*Similis* *T. palmarum*, sed paulo minor et coloribus lætioribus, dorso et ventre purpurascensioribus: alæ dimidio apicali nigro, plumis non viridi limbatis.

Long. tota 6·7, alæ 3·7, caudæ 3·3.

*Hab.* East Peru (*Hartlaub*); New Grenada, Bogota.

*Mus.* Bremensi.

This is perhaps a local variety only of the common *T. palmarum*, presenting no green edgings to the primaries or secondaries beyond the green bar. I have birds from S. Martha, Trinidad and Bolivia, which seem intermediate between this and the former species.

9. TANAGRA ABBAS.

*Tanagra abbas*, Licht. Preis-Verz. no. 70 (1831).

*Tanagra vicarius*, Less. Cent. Zool. pl. 68; Gray, Gen. p. 364. sp. 4; Bp. Consp. p. 238; P. Z. S. 1837, p. 116; R. Z. 1851, p. 171; Note s. l. Tang. p. 22.

*Thraupis vicarius*, Cab. Mus. Heim. p. 29.

♂. *Pallide olivascens: capite cæruleo, gutture cærulescente: interscapulii pennis medialiter nigricantibus: alis caudaque nigris: speculo in basi primariorum et secundariorum flavissimo: tectricibus alarum majoribus olivaceis, minoribus cærulescentibus: rostro et pedibus nigris.*

♀. *Mari similis, sed coloribus paulo dilutioribus: gutture viæ cærulescente.*

Long. tota 7·0, alæ 4·0, caudæ 2·9.

*Hab.* S. Mexico, Cordova (*Sallé*); Orizaba (*Botteri*); Honduras (*Dyson*); Guatimala (*Constancia*).

*Mus.* Brit., Derbiano, &c.

10. TANAGRA STRIATA.

*L'Onglet*, Buff. H. N. iv. p. 256.

*Tanagra striata*, Gm. S. N. i. p. 899; d'Orb. Voy. p. 275; Bp. Consp. p. 239; Hartl. Ind. Az. p. 6.

*Le Noir-souci*, Buff. H. N. iv. 150?

*Loxia bonariensis*, Gm. S. N. p. 850?

*Lindo celeste oro y negro*, Azar. Pax. i. p. 375.

*Tanagra chrysogaster*, Cuv. Règ. An. i. p. 366; Puch. Arch. Mus. Paris, vii. 344.

*Aglaiâ striata*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 32; G. R. Gray, Darwin's Voy. Beagle, p. 97.

*Tanagra darwini*, Bp. P. Z. S. 1837, p. 121 (♀); Darwin's Voy. pl. 34 (♂).

*Tanagra frugilegus*, Tsch. Av. Consp. in Wieg. Arch. 1844, p. 286; F. P. p. 204. pl. 17. fig. 1; Hartl. R. Z. 1849, p. 286 (♀).

*Calliste frugilegus*, Bp. Consp. p. 236. sp. 41.

*Chrysothraupis frugilegus*, Bp. R. Z. 1851, p. 143; Note s. l. Tang. p. 22.

♂. *Niger, dorso postico et abdomine aurantiacis, ventre imo in flavum transeunte: capite et gutture undique cum marginibus alarum et caudæ cæruleis: rostri ambitu nigro.*

♀. *Mari similis, sed dorso et scapularibus olivaceis, abdomine toto aurescenti-flavo.*

Avis junior. *Fusco-olivascens subtus grisescenti-albidus: capite cærulescente, uropygio flavido tincto.*

Long. tota 6·8, alæ 3·7, caudæ 2·8.

*Hab.* Southern Brazil, Rio Grande do Sul (*Plant*); Uruguay, Maldonado (*Darwin*); Montevideo, Buenos Ayres, Corrientes, Peru and Bolivia (*d'Orb.*); Paraguay (*Azara*); Western Peru, Lima (*Tsch.*); Western Ecuador, fruit gardens of Lima (*Tsch.*).

*Mus.* Brit., &c.

I believe now that there is little doubt that the olive-backed bird named *T. darwini* by Prince Bonaparte, and afterwards *T. frugilegus* by Tschudi, is really the female of *T. striata*, though at one time I thought otherwise. I have not yet seen the black-backed male from the western side of the Andes; but d'Orbigny's Bolivian collection in the Paris Museum contains examples of both sexes from the eastern side.

If the birds from all the localities given are identical, which I believe to be the case, this *Tanager* presents an instance of a remarkably extensive geographic range for a bird of this family.

#### 11. TANAGRA CYANOCEPHALA.

*Aglaiia cyanocephala*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 32.

*Tanagra maximiliani*, d'Orb. Voy. p. 276. pl. 23. fig. 2.

*Tanagra cyanocephala*, Gray, Gen. p. 364. sp. 11; Bp. Consp. p. 238; Tsch. Wieg. Arch. 1844, p. 286; F. P. p. 205 (?).

*Thraupis cyanocephala*, Cab. Mus. Hein. p. 29?

*Supra flavo-olivacea: pileo cæruleo: nucha viridescente: capitis lateribus nigris: subtus cinerea: ventre imo crissoque flavis viridi tinctis: tectricibus subalaribus pure flavis.*

Long. tota 7·8, alæ 3·5, caudæ 3·1.

*Hab.* Bolivia, Sicasica (*d'Orb.*); Western Peru, Lima (*Tsch.*).

*Mus.* Brit., Paris.

#### 12. TANAGRA AURICRISSA.

*Dubusia cyanocephala*?, Sclater, P. Z. S. 1855, p. 157.

*Dubusia auricrissa*, Sclater, P. Z. S. 1855, p. 227.

*Supra flavescenti-olivacea: capite toto et nucha cæruleis: loris*

*nigris : subtus cærulescenti-cinerea : tectricibus subalaribus et ventre imo crissoque cum tibiis flavissimis.*

Long. tota 6·5, alæ 3·6, caudæ 3·0.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., Paris.

13. TANAGRA OLIVICYANEA.

*Tanagra olivicyanea*, Lafr. R. Z. 1843, p. 69; Bp. Consp. p. 238.

*Tachyphonus olivicyaneus*, Gray, Gen. p. 365. sp. 15.

*Dubusia olivicyanea*, Selater, P. Z. S. 1855, p. 157.

*Supra flavescenti-olivacea : capite undique et corpore subtus cæruleis : ventre imo crissoque olivascenti-flavis : tibiis et tectricibus subalaribus flavissimis : loris nigris.*

Long. tota 7·3, alæ 2·5, caudæ 2·8.

*Hab.* Venezuela, Galipan alt. 8000 ft. (*Dyson*); New Grenada.

*Mus.* Brit.

Genus XXVII. DUBUSIA.

*Dubusia*, Bp. Compt. Rend. Ac. Sc. Par. xxxi. p. 424 (Sept. 1850).

*Rostrum elongatum, incurvum, compressiusculum, dente finali distincto; gonyde recta: alæ modicæ, rotundatæ, remigibus quarta et quinta longissimis: cauda longissima et rotundata: ptilosis nigra, cærulea, et flava: sexus similes.*

1. DUBUSIA TÆNIATA.

*Tachyphonus tæniatus*, Boiss. R. Z. 1840, p. 67; Bp. Consp. p. 237.

*Arremon tæniatus*, Gray, Gen. App. p. 16.

*Dubusia tæniata*, Selater, Tan. Cat. Sp. p. 10; P. Z. S. 1855, p. 157.

*Supra ex nigro-cærulescens : alis caudaque nigris, cærulescente limbatis : capite toto cum collo undique et gutture nigris, superciliis in collum utrinque elongatis et tectricibus alarum minoribus argenteo-cyaneis : abdomine flavo; pectore summo et crisso pallide ochraceis : tibiis nigris : rostro et pedibus nigris.*

Long. tota 7·3, alæ 3·7, caudæ 3·7.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., Paris., &c.

2. DUBUSIA SELYSIA.

*Tanagra selysia*, Bp. Consp. p. 239.

*Dubusia selysia*, Bp. Compt. Rend. xxxii. p. 81.

*Supra ex cinereo cærulescenti-viridescens : capite toto cum gutture nigris : fronte et superciliis latis et elongatis, collum posticum cingentibus, cum tectricibus alarum minoribus argenteo-cyaneis : remigum et reetricum marginibus cærulescentibus : abdomine*

*flavo, pectore summo brunnescentiore, crisso ochracescentiore :  
rostro et pedibus nigris.*

Long. tota 7·7, alæ 3·5, caudæ 3·4.

*Hab.* Vicinity of Quito, forests of the Andes (*Jameson*).

*Mus.* Lugdunensi, Joh. Gould et Gul. Jardine, Bart.

Genus XXVIII. COMPSOCOMA.

*Compsocoma*, Cab. Mus. Hein. p. 140 (1850).

*Rostrum rectum, elongatum, subconicum, dente finali indistincto :  
alæ elongatæ, remigibus secunda, tertia et quarta fere æqua-  
libus et longissimis : cauda longa, subrotundata ; pedes validi :  
sexus similes : ptilosis nigra, cærulea et flava.*

1. COMPSOCOMA VICTORINI.

*Tachyphonus victorini*, Lafr. R. Z. 1842, p. 336 ; Gray's Gen.  
p. 365.

*Tanagra victorini*, Bp. Consp. p. 239.

*Compsocoma victorini*, Cab. Mus. Hein. p. 140.

*Tachyphonus elegans*, Less. Echo d. M. S. 1844 ; Descr. d. Mamm.  
et Ois. p. 349.

*Tanagra flavivertex*, Lafr. MS.

*Olivascenti-viridis : tectricibus alarum minoribus cæruleis : pri-  
mariis et rectricibus thallassino marginatis : capite nigro, tænia  
lata verticali cum corpore subtus flavis.*

Long. tota 7·0, alæ 3·8, caudæ 2·8.

*Hab.* New Grenada, Bogota.

*Mus.* Brit. et Paris.

2. COMPSOCOMA SUMPTUOSA.

*Tachyphonus sumptuosus*, Less. Tr. d'Orn. p. 463 ; Puch. Arch.  
Mus. Par. vii. p. 379. pl. 23.

*Tanagra somptuosa*, Bp. Consp. p. 239.

*Tachyphonus flavinucha*, Tsch. F. P. p. 208.

*Compsocoma elegans*, Cab. Mus. Hein. p. 140.

*Tanagra chrysocome*, Licht. in Mus. Berol.

*Atra ; dorso imo olivascente : humeris cæruleis ; primariis et  
rectricibus thallassino marginatis : macula nuchali lata et cor-  
pore subtus flavis.*

Long. tota 6·5, alæ 3·5, caudæ 2·8.

*Hab.* Ecuador, vicinity of Quito (*Jameson*) ; Peru (*Tschudi et  
Philippi in Mus. Berol.*) ; Venezuela (*Levrault*).

*Mus.* Brit., Paris., Berolinensi.

This bird has been confounded both with the preceding and with  
the next following species, but may be easily distinguished by its  
black back and olivascent uropygium.

3. COMPSOCOMA FLAVINUCHA.

*Tachyphonus flavinucha*, Lafr. et d'Orb. Mag. de Zool. 1837, p. 29 ;  
d'Orb. Voy. p. 280. pl. 21 ; Gray's Gen. p. 365.

*Tanagra flavinucha*, Bp. Consp. p. 239.

*Compsocoma flavinucha*, Cab. Mus. Hein. p. 140.

*Niger*: humeris et dorso postico cum reetricum marginibus angustis cæruleis: primariis externe thalassino marginatis: vitta nuchali media et corpore toto subtus flavis.

Long. tota 6·7, alæ 3·6, caudæ 2·8.

*Hab.* Bolivia, prov. Yungas (*d'Orb.*).

*Mus.* Parisiensi et Derbiano.

The blue on the rump at once distinguishes this Bolivian bird from its three congeners.

#### 4. COMPSOCOMA NOTABILIS.

*Tanagra notabilis*, Jard. Edinb. N. Phil. Journ. n. s. ii. p. 119; Sclater, P. Z. S. 1855, p. 84. pl. 91.

*Compsocoma notabilis*, Sclater, ib.

*Flavo-olivacea*: capite undique et mento nigris: nucha triangulariter flava: alis nigris, cæruleo marginatis, tectricibus autem summis dorso concoloribus: cauda nigra, marginibus vix cærulescentibus: subtus aurantio-flava.

Long. tota 7·2, alæ 3·7, caudæ 3·0.

*Hab.* Ecuador, vicinity of Quito (*Jameson*).

*Mus.* Gul. Jardine, Britannico, Joh. Gould.

Since Sir William Jardine received his first examples of this beautiful species, which were transmitted by Professor Jameson from the Eastern Cordilleras near Quito, Mr. Gould has obtained other specimens from the same country. Some of these latter are now in the British Museum.

### Genus XXIX. BUTHRAUPIS.

*Buthraupis*, Cab. Mus. Hein. p. 29 (1850).

*Rostrum forte, subincurvum, breve, altum, compressiusculum, dente finali distincto: alæ longæ, remigibus tertia et quarta longissimis: cauda longa et paulum rotundata: pedes validi: tarsi longi: sexus similes: ptilosis cærulea, nigra et flava.*

#### 1. BUTHRAUPIS MONTANA.

*Aglaia montana*, Lafr. & d'Orb. Mag. de Zool. 1837, p. 32.

*Tanagra montana*, d'Orb. Voy. p. 275. pl. 23. fig. 1; Gray, Gen. p. 365; Bp. Consp. p. 239.

*Buthraupis montana*, Sclater, Tan. Cat. Sp. p. 10.

*Supra cærulea; cervice postica valde dilutiore, argentea: capite toto undique cum gutture atris: abdomine flavo.*

Long. tota 9·0, alæ 5·0, caudæ 3·4.

*Hab.* Bolivia, prov. Yungas (*d'Orb.*).

*Mus.* Parisiensi, Britannico, Derbiano.

#### 2. BUTHRAUPIS CUCULLATA.

*Tanagra cucullata*, Jard. Ill. Orn. n. s. pl. 43.



“*Tanagra montana*, d’Orb.,” Less. Descr. d. Mamm. et Ois. p. 348.

*Dubusia gigas*, Bp. Rev. Zool. 1851, p. 171, & Note s. l. Tang. p. 22.

*Buthraupis cucullata*, Sclater, P. Z. S. 1855, p. 157.

*Supra læte cærulea: capite toto cum gutture atris: abdomine flavo.*

Long. tota 8·2, alæ 5·2, caudæ 3·6.

*Hab.* New Grenada, Bogota; Ecuador, vic. of Quito (*Jameson*).

This is a common species in Bogota collections. In Gray’s Genera and Prince Bonaparte’s *Conspectus* it is erroneously united to *B. eximia*, from which it is quite distinct. Sir William Jardine possesses examples transmitted by Professor Jameson from the forests of the Andes near Quito, which are rather larger than Bogota skins, and have the bill stronger and are less black on the throat.

### 3. BUTHRAUPIS CHLORONOTA.

*Buthraupis chloronota*, Sclater, P. Z. S. 1854, p. 97. pl. 64; Tan. Cat. Sp. p. 15.

*Supra viridis: pileo cæruleo: alis caudaque nigris, illarum tectricibus minoribus cæruleis; majoribus et secundariis viridi limbatis: subtus flava, crisso saturatiore: gutture toto atro: rostro et pedibus nigris.*

Long. tota 8·8, alæ 4·6, caudæ 3·8.

*Hab.* Ecuador, vic. of Quito (*Jameson*).

*Mus.* Gul. Jardine, Bart., et P. L. S.

### 4. BUTHRAUPIS EXIMIA.

*Tanagra eximia*, Boiss. Rev. Zool. 1840, p. 66; Gray’s Gen. p. 365; Bp. *Consp.* p. 239.

*Tanagra (Saltator) eximia*, Less. Descr. d. Mamm. et Ois. p. 346.

*Buthraupis eximia*, Cab. Mus. Hein. p. 29; Sclater, P. Z. S. 1855, p. 157.

*Supra viridis: pileo, tectricibus alarum minoribus et dorso postico cæruleis: capitis lateribus, gutture et cervice antica nigris: abdomine flavo.*

Long. tota 7·2, alæ 4·6, caudæ 3·5.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., Paris., &c.

## Genus XXX. STEPHANOPHORUS.

*Stephanophorus*, Strickl. P. Z. S. 1841, p. 30.

*Rostrum breve, altum, latum; mandibulis intumidis; culmine multum incurvo, gonyde ascendente; dente finali indistincto: alæ modicæ, rotundatæ, remigibus tertia quarta et quinta fere æqualibus, quarta paulo longissima: cauda longa, rotundata: ptilosis cærulescens: sexus similes.*

p. 241  
 1. STEPHANOPHORUS LEUCOCEPHALUS.

*Lindo azul cabeza blanca*, Azar. Pax. i. p. 375.

*Tanagra leucocephala*, Vieill. N. D. d'H. N. xxxii. p. 408; Enc. Méth. p. 774.

*Tanagra diademata*, Mikan, Fl. et F. Bras. pl. 4; Temm. Pl. Col. 243.

*Pyrrhula cærulea*, Vieill. Gal. Ois. p. 61. pl. 54.

*Nemosia diademata*, Steph. Zool. xiv. p. 5.

*Stephanophorus cæruleus*, Strickl. P. Z. S. 1841, p. 31; Gray, Gen. p. 365; Bp. Consp. p. 234.

*Stephanophorus leucocephalus*, Hartl. Ind. Az. p. 6.

*Niger, sericeo-cærulescens: fronte loris et gutture cum alis caudaque nigris: alarum tectricibus cæruleis, remigibus et rectricibus cæruleo anguste limbatis: pileo postico albescenti-cæruleo: vertice mediali igneo-rubra: rostro et pedibus nigris.*

Long. tota 7·0, alæ 4·0, caudæ 3·4.

*Hab.* South Brazil, S. Paolo (*Natt.*); Uruguay; Paraguay (*Azar.*).

*Mus.* Brit., Paris., Berol.

Genus XXXI. PÆCILOTHRAUPIS.

*Pæcilothraupis*, Cab. Mus. Hein. p. 30 (1850).

*Anisognathus*, Reich. Av. S. N. pl. 77 (1850).

*Rostrum* Tanagræ, sed rectius, brevius et basi dilatata, culmine minus incurvo: alæ longæ, remigibus tertia, quarta et quinta longissimis, secunda sextam æquante: cauda longa quadrata: sexus similes: ptilosis nigra, rubro aut flavo varia.

1. PÆCILOTHRAUPIS LUNULATA.

*Tanagra lunulata*, DuBus, Bull. Ac. Brux. vi. pt. 1. p. 439 (cum fig.) (1839); Esq. Orn. pl. 4; Bp. Consp. p. 239.

*Tanagra (Euphonia?) constantii*, Boiss. R. Z. 1840, p. 3.

*Aglaiia erythrotis*, Jard. & Selby, Ill. Orn. n. s. pl. 36 (1840).

*Tanagra erythrotis*, Less. Echo d. M. S. 1843, p. 947.

*Tanagra igniventris*, Tsch. Wieg. Arch. 1844, p. 287; F. P. p. 203?

*Tachyphonus lunulatus*, Gray's Gen. p. 365. sp. 18.

*Pæcilothraupis igniventris*, Cab. Mus. Hein. p. 30.

*Niger: uropygio et alarum tectricibus minoribus cæruleis: macula auriculari magna et abdomine rubris, crisso nigro, interdum rubro variegato.*

Long. tota 7·0, alæ 3·8, caudæ 3·4.

*Hab.* New Grenada, Bogota; Ecuador, elevated region of the Andes near Quito (*Jameson*); Peru, Cordilleras, alt. 10,000 feet (*Tsch.*).

*Mus.* Brit., Paris., &c.

This species appears certainly distinct from d'Orbigny's *P. igniventris*, with which it is sometimes united. In that bird there are

blue edgings to the wings and tail, and the crissum is wholly red. In the present species the crissum is sometimes partly red, but I have never observed any traces of blue markings on the wings or tail.

## 2. PÆCILOTHRAUPIS IGNIVENTRIS.

*Aglaiia igniventris*, d'Orb. & Lafr. Syn. Av. in Mag. de Zool. 1837, p. 32.

*Tanagra igniventris*, d'Orb. Voy. p. 275. pl. 25. fig. 2; Bp. Consp. p. 239 (partim).

*Anisognathus igniventris*, Sclater, Tan. Cat. Sp. p. 11.

*Supra cærulescenti-ardesiacus: capite colloque nigris: uropygio cæruleo: alis nigris; tectricibus alarum minoribus et tectricum majorum necnon remigum reetricumque marginibus cæruleis: macula magna auriculari utrinque et ventre toto cum crisso ruberrimis.*

Long. tota 6·5, alæ 3·3, caudæ 2·8.

*Hab.* Bolivia, prov. Apolobamba (*d'Orb.*).

*Mus. Brit.*, Bremensi, Derbiano.

## 3. PÆCILOTHRAUPIS LACRIMOSA.

*Tachyphonus lacrimosus*, DuBus, Esq. Orn. pl. 10; Gray's Gen. App. p. 17; Bp. Consp. p. 237.

*Tanagra palpebrosa*, Lafr. R. Z. 1847, p. 71; Gray's Gen. App. p. 16; Bp. Consp. p. 239.

*Anisognathus lacrimosus*, Sclater, Tan. Cat. Sp. p. 11.

*Ardesiaco-niger: uropygio, tectricibus alarum minoribus et tectricum majorum necnon remigum reetricumque marginibus cæruleis: macula magna auriculari et parva suboculari utrinque cum corpore toto subtus aurantiis.*

Long. tota 6·8, alæ 3·5, caudæ 3·0.

*Hab.* New Grenada, Pasto (*Lafr.*); Bogota (*Mus. Brit.*); Eastern Peru (*DuBus*).

*Mus. Brit.*, Derbiano, Bruxell.

## Genus XXXII. IRIDORNIS.

*Iridosornis*, Less. Echo d. M. S. 1844, p. 80.

*Pæcilornis*, Hartl. R. Z. 1844, p. 369.

*Euthraupis*, Cab. Mus. Hein. p. 30 (1850).

*Rostrum subrectum, maxime compressum, culmine incurvo, gonyde ascendente, dente finali distincto: alæ modicæ; remigibus tertia, quarta et quinta longissimis, sexta his paulo brevior et secundam superante: cauda longiuscula, reetricibus acutis: ptilosis nitens, nigra, purpurea, flava: sexus similes.*

### 1. IRIDORNIS DUBUSIA.

*Arremon rufivertex*, Lafr. R. Z. 1842, p. 335 (err.); Gray, Gen. p. 361. sp. 3.

*Iridosornis rufivertex*, Less. Echo d. M. S. 1844, p. 80; R. Z. 1844, p. 431; Descr. d. Mamm. et Ois. p. 350.

*Pœcilornis rufivertex*, Hartl. R. Z. 1844, p. 369.

*Tanagra dubusia*, Bp. Consp. p. 239.

*Euthraupis dubusia*, Cab. Mus. Hein. p. 30.

"*Tanagra chrysolopha*, auct.," Bp. R. Z. 1851, p. 131; Note s.

1. Tang. p. 6.

*Iridosornis dubusia*, Strickl. Cont. Orn. 1852, p. 127. pl. 94.

*Iridornis dubusia*, Sclater, P. Z. S. 1855, p. 157.

*Nigra*; dorso toto cum tectricibus alarum minoribus et pectore purpureis; abdomine sensim obscuriore: ventre imo et crisso castaneis: pileo medio nuchaque cristatis, aurantiis: alis caudaque extus purpurascens marginatis: mandibula inferiore albicante, superiore cum pedibus nigris.

Long. tota 5·5, alæ 3·0, caudæ 2·6.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., &c.

## 2. IRIDORNIS ANALIS.

*Tanagra analis*, Tsch. in Wieg. Arch. 1844, p. 286; F. P. p. 205. pl. 18. fig. 1; Gray, Gen. App. p. 16; Lafr. R. Z. 1847, p. 71 (?).

*Calliste analis*, Bp. Consp. p. 236. sp. 42.

*Euthraupis analis*, Cab. Mus. Hein. p. 30 (note).

*Supra ex cinereo-viridescens, alis caudaque nigris viridescens limbatis: fronte et capitis lateribus nigris: pileo plumbeo subtus ochracea, mento summo nigro, gutture toto aureo: crisso castaneo: rostro albicante, culmine nigro.*

Long. tota 6·0, alæ 3·3, caudæ 2·5.

*Hab.* Western Peru, fruit gardens of Lima (Tsch.).

*Mus.* Bremensi.

This species and the next following are certainly not very typical *Iridornithes*, but without creating a new generic appellation for them, I hardly know at present where to place them more satisfactorily.

## 3. IRIDORNIS PORPHYROCEPHALA.

"*Tanagra analis*, Tsch.," Licht. in Mus. Berol.

*Iridornis porphyrocephala*, Sclater, P. Z. S. 1855, p. 227. pl. cx.

*Supra purpurea, dorso imo et alarum caudæque marginibus viridescens: fronte, loris, mento summo et regione auriculari nigris: gutture late et læte aureo-flavo: pectore summo purpurascens; ventre viridescens, medialiter rufescenti-ochraceo: ano intense ferruginescenti-castaneo: tectricibus alarum inferioribus viridescens: rostro superiore nigro, inferiore albo.*

Long. tota 5·6, alæ 3·0, caudæ 2·2.

*Hab.* New Grenada; Ecuador, vic. of Quito.

*Mus.* Berol. et Joh. Gould.

This bird may be distinguished from the preceding species by its purple head and upper back, and the greenish tinge of the lower plumage.

Genus XXXIII. CALLISTE.

- Calliste*, Boie, Isis, 1826, p. 978.  
*Aglaiia*, Sw. Zool. Journ. iii. p. 347 (1827).  
*Calospiza*, G. R. Gray, List of Gen. 1840.  
*Tatao*, Bp. Compt. Rend. xxxii. p. 80 (1851).  
*Chrysothraupis*, Bp. R. Z. 1851, p. 142.  
*Ixothroaupis*, Bp. R. Z. 1851, p. 143.  
*Gyrola*, Rehb. Av. S. N. pl. 77 (1850).  
*Euschemon*, Sclater, Cont. Orn. 1851, p. 95.  
*Euprepiste*, Sclater, Cont. Orn. 1851, p. 95.  
*Procnopsis*, Cab. Wieg. Arch. 1844, p. 284.  
*Chalcothroaupis*, Bp. R. Z. 1851, p. 144.

*Rostrum rectum, breve, tenue, compressiusculum, culmine incurvo, gonyde paulum ascendente, denie finali distincto: alæ elongatiores, remigibus secunda, tertia et quarta longissimis, prima brevior: cauda modica, quadrata: pedes plerumque debiles: ptilosis nitidissima: sexus adulti plerumque similes: juniores colore obscuriores.*

a. *Tatao*.

1. CALLISTE TATAO.

- Tangara du Brésil*, Buff. Pl. Enl. 127. fig. 1.  
*Tangara*, Buff. Pl. Enl. 7. fig. 1 (fig. pess.); Briss. Orn. iii. p. 3.  
*Le Septicolor*, Buff. H. N. iv. 278.  
*Tanagra tatao*, Linn. S. N. i. 315; Kittl. Küpf. d. Vög. pl. 31. fig. 3; Vieill. Enc. Méth. p. 778; Hayes, Osterly Park, p. 32; d'Orb. Voy. p. 270?  
*Aglaiia tatao*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 32?  
*Aglaiia paradisea*, Sw. Class. Birds, ii. p. 286.  
*Callispiza tatao*, Schomb. Reise, iii. p. 669; Cab. Mus. Hein. p. 26.  
*Tatao paradisea*, Bp. Note s. l. Tang. p. 15; Rev. Zool. 1851, p. 141.  
*Calliste tatao*, Gray, Gen. B. p. 366. sp. 13; Bp. Consp. p. 234. sp. 13; Sclater, Jard. Cont. Orn. 1851, p. 50.  
*Tangara septicolor*, Desm. Tan. pl. 1.  
*The Paradise Tanager*, Lath. G. H. vi. p. 27.  
*Titmouse of Paradise*, Edwards, Glean. t. 349.  
*Supra velutino-atra: dorsi postici parte superiore coccinea, inferiore aurea: pilei summi et capitis laterum pennis coarctatis et squamatis, colore lætissime viridibus: fronte et oculorum ambitu anguste nigris: tectricibus alarum summis et corpore subtus splendide cæruleis; gutture et pectore summo cum tectrici-*



*bus alarum mediis et marginibus remigum externarum purpureis : ventre medio crissoque atris.*

♀. *Mari similis, sed coloribus minus vividis ; dorso postico omnino aureo.*

Long. tota 4·7, alæ 2·7, caudæ 2·0.

*Hab.* Cayenne ; Brit. Guiana (*Schomb.*) ; Upper Rio Negro (*Wallace*).

*Mus.* Brit., &c.

## 2. CALLISTE CÆLICOLOR.

*Calliste cælicolor*, Sclater, Cont. Orn. 1851, p. 51 ; P. Z. S. 1855, p. 157.

*Supra velutino-atra : dorsi postici parte superiore coccinea, inferiore aurea : pilei usque ad nucham et capitis laterum pennis coarctatis et squamatis, colore latissime viridibus : fronte angustissima et oculorum ambitu nigris : tectricibus alarum summis et corpore subtus splendide cæruleis : gutture cum tectricum alarum mediarum et remigum externarum marginibus purpureis : ventre medio et crisso atris.*

♀. *Mari similis, sed coloribus obscurioribus et dorso postico omnino flavo.*

Long. tota 5·0, alæ 3·1, caudæ 2·1.

*Hab.* New Grenada, Bogota.

*Mus.* Brit.

## 3. CALLISTE YENI.

*Aglaiia chilensis*, Vig. P. Z. S. 1832, p. 3 ; Jard. & Selb. Ill. Orn. n. s. pl. 25.

*Aglaiia yeni*, Lafr. & d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 31.

*Tanagra yeni*, d'Orb. Voy. p. 270. pl. 24. fig. 2.

*Callospiza yeni*, Tsch. Wieg. Arch. 1844, p. 286 ; Tsch. F. P. p. 201.

*Calliste chilensis*, Gray, Gen. p. 366. sp. 14.

*Calliste yeni*, Bp. Cousp. p. 234 ; Sclater, Cont. Orn. 1851, p. 51.

*Tatao yeni*, Bp. R. Z. 1851, p. 141 ; Note s. l. Tang. p. 15.

*Supra velutino-atra : dorso postico toto ruberrimo : pilei et capitis laterum pennis coarctatis et squamatis, colore latissime viridibus : oculorum ambitu anguste nigro : tectricibus alarum summis et corpore subtus splendide cæruleis ; gutture et tectricum alarum mediarum et remigum externarum marginibus purpureis : ventre medio et crisso nigris.*

Long. tota 5·2, alæ 2·9, caudæ 2·2.

*Hab.* Bolivia, Yuracares and Yungas (*d'Orb.*) ; Eastern Peru (*Tsch.*) ; River Ucayali (*Hawxwell*).

*Mus.* Brit., &c.

b. *Calliste*.

## 4. CALLISTE TRICOLOR.

*Tang. cayanensis varia chlorocephalos*, Briss. Orn. vi. App. p. 59.

*Tang. varié à tête verte*, Buff. Pl. Enl. 32. fig. 1 (♂).

*Le Tricolor*, Buff. H. N. iv. 276 (partim).

*Tanagra tricolor*, Gm. S. N. i. 891; Vieill. Enc. Méth. p. 779; Temm. Pl. Col. 215. fig. 1 (♀).

*Tanagra tatao*, Max. Beitr. iii. 459.

*Calliste tricolor*, Gray, Gen. p. 366. sp. 1; Bp. Consp. p. 234; Sclater, Cont. Orn. 1851, p. 51.

*Callispiza tricolor*, Cab. Mus. Hein. p. 26.

*Tatao tricolor*, Bp. R. Z. 1851, p. 141; Note s. l. Tang. p. 16.

*Tatao tricolor mâle*, Desm. Tan. pl. 3.

*Green-headed Tanager*, Lath. G. H. vi. p. 24.

*Læte viridis*: *rostri ambitu et collo antico interscapulioque nigris*: *capite undique et vitta gulam summam transeunte læte cærulescenti-viridibus*: *pectore cæruleo*: *dorsi postici parte superiore flammea*: *tectricibus alarum superioribus purpureis*: *rostro et pedibus nigris*.

♀. *Mari similis, sed coloribus omnibus obscurioribus*; *dorso postico flavo*.

Long. tota 5·2, alæ 2·7, caudæ 2·1.

*Hab.* South-eastern Brazil (*P. Max.*).

*Mus. Brit., &c.*

## 5. CALLISTE FASTUOSA.

*Tanagra fastuosa*, Less. Cent. Zool. pl. 58. p. 184.

*Calliste fastuosa*, Gray, Gen. p. 366. sp. 20; Bp. Consp. p. 235; Sclater, Cont. Orn. 1851, p. 52.

*Tatao fastuosus*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 16.

*Fronte, mento, gutture medio et interscapulio velutino-nigris*: *dorso postico aurantiaco*: *capite et cervice tota cum vitta gulam transeunte lætissime cæruleo-viridibus*: *alis caudaque nigris, purpureo marginatis*: *tectricibus alarum minoribus lætissime cæruleis*: *secundariarum trium ultimarum marginibus externis pallide aureis*: *abdomine toto purpureo, pectore lilacescente*.

♀. *Mari similis, sed coloribus obscurioribus*.

Long. tota 5·5, alæ 2·8, caudæ 2·0.

*Hab.* Eastern Brazil, Pernambuco.

*Mus. Brit., Paris., &c.*

## 6. CALLISTE FESTIVA.

*Tang. cayanensis varia cyanocephalos*, Briss. Orn. vi. App. p. 62.

*Tang. à tête bleue de Cayenne*, Buff. Pl. Enl. 33. fig. 2 (♂).

*Le Tricolor*, Buff. H. N. iv. p. 276 (partim).

*Tanagra tricolor, var. β*, Gm. S. N. 892; Don. Nat. Rep. pl. 23.

*Tanagra festiva*, Shaw, Nat. Misc. pl. 537.

*Tanagra cyanocephala*, Vieill. N. D. d'H. N. xxxii. p. 425; Enc. Méth. p. 780; Temm. Pl. Col. 215. fig. 2 (♀).

*Tanagra trichroa*, Licht. Verz. d. Doubl. p. 30; Kittl. Küpf. d. Vög. pl. 31. fig. 1.

"*Tanagra rubricollis*, Temm.," Max. Beitr. iii. 456.

*Aglaiia cyanocephala*, Sw. Orn. Dr. pl. 5.

*Calliste festiva*, Gray, Gen. p. 366. sp. 2; Bp. Consp. p. 234; Sclater, Cont. Orn. 1851, p. 51.

*Callispiza festiva*, Cab. Mus. Hein. p. 26.

*Tatao festiva*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 16.

*Tangara tricolor femelle*, Desm. Tan. pl. 4.

*Green-headed Tanager*, var. *A*, Lath. G. H. vi. p. 25.

*Læte viridis*: rostri ambitu et interscapulio nigris: pileo toto nuchaque cum gutture cæruleis: oculorum ambitu et pilei cærulei margine antica thalassinis: regione auriculari cum collo laterali et postico late rubris: alis caudaque nigris viridi limbatis; tectricibus alarum minoribus nigris aurantio terminatis: alis caudaque nigris.

♀. *Mari similis, sed coloribus dilutioribus; dorso viridi nigro variegato.*

Long. tota 5·0, alæ 2·5, caudæ 1·9.

*Hab.* South-eastern Brazil (*P. Max.*).

*Mus.* Brit.

#### 7. CALLISTE CYANEIVENTRIS.

*Tanagra cyanoventris*, Vieill. N. D. d'H. N. xxxii. p. 426; Enc. Méth. p. 781.

*Tanagra elegans*, Max. Reise n. Bras. i. p. 187.

*Tanagra citrinella*, Temm. Pl. Col. 42. fig. 2; Max. Beitr. iii. p. 464.

*Aglaiia citrinella*, Sw. Orn. Dr. pl. 6.

*Calliste citrinella*, Gray, Gen. p. 366. sp. 3; Bp. Consp. p. 234.

*Callispiza citrinella*, Cab. Mus. Hein. p. 26.

*Chrysothraupis citrinella*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 17.

*Calliste cyanoventris*, Sclater, Cont. Orn. 1851, p. 54.

*Supra aureo-flava; dorso superiore et medio nigro variegatis: alis caudaque nigris viridi limbatis: infra nitide cyanea, mento summo et collo antico nigris: vitta gulam summam transeunte aurea, capite concolore: ventre medio crissoque ochraceo viridi perfusis: rostro nigro: pedibus fuscis.*

♀. *Mari similis, sed coloribus dilutioribus.*

Long. tota 5·25, alæ 2·7, caudæ 2·1.

*Hab.* South-eastern Brazil (*Temm.*).

*Mus.* Brit.

#### 8. CALLISTE THORACICA.

*Tanagra thoracica*, Temm. Pl. Col. 42. fig. 1.

*Calliste thoracica*, Gray, Gen. p. 366. sp. 4; Bp. Consp. p. 234; Slater, Cont. Orn. 1851, p. 54.

*Callispiza thoracica*, Cab. Mus. Hein. p. 26.

*Chrysothraupis thoracica*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 17.

*Supra nitide viridis nigro variegata: fronte nigra: regione oculari et vitta pileum anticum transeunte thalassino-cyaneis: gutture et pectore toto aurantio-flavis, plaga in gutture medio cum mento summo nigris: alis caudaque nigris viridi limbatis; tectricibus alarum summis nigris aurantio terminatis: abdomine nitide viridi, hypochondriis cyaneo tinctis: ventre medio et crisso flavicantibus.*

♀. *Mari similis, sed coloribus dilutionibus.*

Long. tota 5·5, alæ 2·8, caudæ 2·4.

*Hab.* South-eastern Brazil (*Natt.*).

*Mus.* Brit., Paris., &c.

#### 9. CALLISTE SCHRANKI.

*Tanager schrankii*, Spix, Av. Bras. ii. p. 38. pl. 51 (♂) et (♀); d'Orb. Voy. p. 270. pl. 24. fig. 1.

*Aglaia schrankii*, Lafr. & d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 31; Bp. P. Z. S. 1837, p. 122.

*Aglaia melanotis*, Sw. An. in Men. p. 355 (♀).

*Calliste schrankii*, Gray, Gen. p. 366. sp. 17; Bp. Consp. p. 235. sp. 18; Slater, Cont. Orn. 1851, p. 54; P. Z. S. 1854, p. 115.

*Callospiza schrankii*, Tsch. Wieg. Arch. 1844, p. 286, et F. P. p. 201.

*Chrysothraupis schrankii*, Bp. R. Z. 1851, p. 143; Note s. l. Tang. p. 17.

*Læte viridis: interscapulii et secundariarum ultimarum pennis nigris, viridi marginatis: alis caudaque nigris cærulescenti-viridi limbatis: fronte lata et capitis lateribus nigris: pileo postico aureo: dorso imo cum pectore et ventre summo medioliter flavis: rostro et pedibus nigris.*

♀. *Mari similis, sed coloribus minus vividis: capite viridi: uropygio flavicante.*

Long. tota 4·6, alæ 2·7, caudæ 1·7.

*Hab.* East Peru (*Tsch. & Hawxwell*); prov. Maynas (*Pöppig*); Ecuador, prov. Quixos; Bolivia, Yuracares (*d'Orb.*).

*Mus.* Brit., Paris.

#### c. *Isothraupis*.

#### 10. CALLISTE PUNCTATA.

*Tangara viridis indica punctata*, Briss. Orn. iii. 19.

*Tang. verd tacheté des Indes*, Buff. Pl. Enl. 133. fig. 1.

*Le Syacou*, Buff. H. N. iv. p. 288.

*Tanager punctata*, Linn. S. N. i. 316.

*Calliste punctata*, Gray, Gen. p. 366. sp. 12; Bp. Consp. p. 234. sp. 8; Sclater, Cont. Orn. 1851, p. 55.

*Callispiza punctata*, Cab. Mus. Hein. p. 26.

*Ixothraupis punctata*, Bp. R. Z. 1851, p. 143; Note s. l. Tang. p. 18.

*Spotted Green Titmouse*, Edwards, Glean. vi. pl. 262.

*Tangara syacou*, Desm. Tan. pl. 8 et 9.

*Supra late viridis: capitis et dorso superioris pennis medialiter nigris viridi marginatis: alis caudaque nigris viridi limbatis: loris nigris: fronte angusta et ciliis oculorum albescens: subtus alba, viridi tincta et nigro guttata, lateraliter paulum flavescens: ventre medio albo: hypochondriis viridibus: crisso flavicante: rostro et pedibus nigris.*

♀. *Minor et obscurior: guttis corporis inferi pæne obsoletis.*

Long. tota 4.6, alæ 2.5, caudæ 1.6.

*Hab.* Cayenne (*Buff.*).

*Mus. Brit.*

#### 11. CALLISTE GUTTATA.

*Spotted Emerald Tanager*, Lath. G. H. vi. 19.

*Callospiza punctata*, Cab. in Schomb. Reise, iii. p. 669.

*Callispiza guttata*, Cab. Mus. Hein. p. 26.

*Calliste guttulata*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 76;

Sclater, P. Z. S. 1855, p. 157.

*Calliste chrysophrys*, Sclater, Cont. Orn. 1851, p. 24. pl. 69. fig. 2, et p. 54.

*Ixothraupis guttulata*, Bp. R. Z. 1851, p. 144; Note s. l. Tang. p. 18.

*Supra aurescenti-viridis: capitis totius et dorsi superioris pennis medialiter nigris, viridi marginatis: fronte et regione oculari aureis: alis caudaque nigris, hac viridi, illis autem cærulescenti-viridi latius marginatis: loris nigris: subtus alba, cærulescente tincta et guttis rotundis præcipue in pectore perfusa: his maculis in gula minoribus: ventre medio albescente: lateribus et crisso flavo-virescentibus: rostro et pedibus nigris.*

♀. *Paulo minor et coloribus minus claris.*

*Hab.* British Guiana (*Schomb.*); Venezuela; Trinidad; New Grenada, Bogota; Ecuador (*Bourcier*).

#### 12. CALLISTE XANTHOGASTRA.

*Calliste xanthogastra*, Sclater, Cont. Orn. 1851, p. 23 & 55; P. Z. S. 1854, p. 115, et 1855, p. 157.

*Ixothraupis chrysogaster*, Bp. Rev. Zool. 1851, p. 144; Note s. l. Tang. p. 18.

*Late viridis: capitis et corporis inferi ad medium pectus pennis medialiter nigris, viridi late circumcinctis: interscapulii, alarum et caudæ plumis nigris, cærulescenti-viridi late marginatis: ventre medio flavo: lateribus viridibus: tectricibus subalaribus albis: rostro et pedibus nigris.*

Long. tota 4.2, alæ 2.5, caudæ 1.5.

*Hab.* New Grenada, Bogota; Eastern Peru; Ecuador, prov. Quixos.



## 13. CALLISTE GRAMINEA.

*Tang. tacheté de Cayenne*, Buff. Pl. Enl. 301. fig. 1.

*Le Syacou*, Buff. H. N. iv. p. 288 (partim).

*Tanagra petit Syacou*, Less. Trait. d'Orn. p. 462.

*Tanagra graminea*, Spix, Av. Bras. ii. p. 40. pl. 53. fig. 2 (♀).

*Calliste virescens*, Sclater, Cont. Orn. 1851, p. 22. pl. 69. fig. 1, et p. 56.

*Ixothraupis pusilla*, Bp. Rev. Zool. 1851, p. 144; Note s. l. Tang. p. 18.

*Calliste graminea*, Sclater, Tan. Cat. Sp. p. 11. sp. 17.

*Viridis*: alis caudaque nigris; harum marginibus externis cum interscapulio toto carulescentibus: ventre medio vix flavescente.

♀. *Viridis fere unicolor*: alis caudaque fusco-nigris, viridi limbatis; ventre flavescente.

Long. tota 3·9, alæ 2·3, caudæ 1·5.

*Hab.* Cayenne; Lower Amazon.

*Mus.* Brit., Bruxell.

## 14. CALLISTE RUFIGULARIS.

*Tanagrella rufigula*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 77; Rev. Zool. 1851, p. 130; Note s. l. Tang. p. 4.

*Calliste rufigula*, Sclater, Cont. Orn. 1851, p. 55.

*Supra niger*: interscapulii, alarum et caudæ pennis anguste viridi marginatis: dorso imo pure pallido viridi: subtus virescenti-albida: pectoris et laterum pennis nigro guttatis; gula cuprescenti-rufa: abdomine medio albido; crisso ochracecente: tectricibus subalaribus albis: rostro nigro, basi plumbescenti-albida: pedibus nigris.

Long. tota 4·5, alæ 2·7, caudæ 1·7.

*Hab.* Ecuador, vic. of Quito (*Bourcier*) (*Jameson*).

*Mus.* Paris.

d. *Chrysothraupis*.

## 15. CALLISTE AURULENTA.

*T. (Aglaia) aurulenta*, Lafr. R. Z. 1843, p. 290, et 1854, p. 207.

*Calliste aurulenta*, Gray's Gen. App. p. 17; Bp. Consp. p. 235; Sclater, Cont. Orn. 1851, p. 52 (partim); P. Z. S. 1855, p. 157.

*Chrysothraupis aurulenta*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 16.

*Aurea, pileo aurantio tincto*: interscapulio nigro variegato: loris et regione auriculari nigerrimis: alis caudaque nigris: alarum tectricibus omnibus et secundariis viridescenti-aureo limbatis; reetricum marginibus externis eodem colore vix tinctis: subtus aureo-flava: rostro et pedibus nigris.

Long. tota 5·0, alæ 2·8, caudæ 1·9.

*Hab.* New Grenada, Bogota.

*Mus.* Brit.

## 16. CALLISTE SCLATERI.

*Calliste aurulenta*, Sclater, Cont. Orn. 1851, p. 52.

*Calliste sclateri*, Lafr. Rev. Zool. 1854, p. 207; Sclater, P. Z. S. 1855, p. 157.

*Supra latissime aurea, regione oculo citrino-flava: loris et regione auriculari nigerrimis: dorso nigro variegato: alis caudaque nigris: alarum tectricibus omnibus et secundariis viridescenti-aureo limbatis: rectricum mediarum marginibus externis eodem colore vix tinctis: subtus saturate brunnescenti-aurea: rostro et pedibus nigris.*

Long. tota 5·5, alæ 3·1, caudæ 2·1.

*Hab.* New Grenada, Bogota.

*Mus.* Lafresnayano.

## 17. CALLISTE PULCHRA.

*Calospiza pulchra*, Tsch. Av. Consp. in Wieg. Arch. 1844, p. 285; F. P. p. 200. pl. 18. fig. 2; Gray, Gen. App. p. 17; Bp. Consp. p. 235. sp. 32; Lafr. R. Z. 1854, p. 206.

*Aureo-flava: interscapulio limonaceo-flavo et nigro variegato: fronte angusta, mento summo, loris et regione auriculari cum alis caudaque nigerrimis: alarum tectricibus et secundariis viridescenti-aureo anguste limbatis: gutture et cervice antica castaneo-aureis: rostro et pedibus nigris.*

Long. tota 5·75, alæ 3·3, caudæ 2·4.

*Hab.* Eastern wood-region of Peru (Tsch.); Quixos in Ecuador.

*Mus.* Neuchatel et Joh. Gould.

This bird may be distinguished from the two preceding by its larger size and chestnut throat.

## 18. CALLISTE ARTHUSI.

*Tanagra arthus*, Less. Ill. Zool. pl. 9; Gray, Gen. p. 21.

*Calliste arthusi*, Bp. Consp. p. 235. sp. 36; Sclater, Cont. Orn. 1851, p. 53.

*Chrysothraupis arthus*, Bp. R. Z. 1851, p. 442; Note s. l. Tang. p. 16.

*Supra latissime aurea, rostri ambitu et regione auriculari nigris: interscapulio nigro variegato: alarum tectricibus et secundariis nigris virescenti-aureo limbatis: subtus castanea, gutture aureo: ventre medio pallide flavo.*

Long. tota 5·7, alæ 3·0, caudæ 2·3.

*Hab.* Venezuela; Cariaco (Dyson), Caraccas (Levraud).

*Mus.* Brit., Parisiensi.

## 19. CALLISTE ICTEROCEPHALA.

*Calliste icterocephala*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 76; Sclater, Cont. Orn. 1851, p. 53. pl. 70. fig. 1.

*Chrysothraupis icterocephala*, Bp. Note s. l. Tang. p. 17; R. Z. 1851, p. 445.

*Flava: interscapulio et tectricibus alarum summis nigro variegatis:*

*alis caudaque nigris aurescenti-viridi limbatis: gutture et torque cervicali undique pallide virescenti-argenteis.*

Long. tota 5·0, alæ 2·8, caudæ 1·9.

*Hab.* Ecuador, valley of Punta playa (Bourcier).

*Mus.* Parisiensi.

e. *Euschemon.*

20. CALLISTE VITRIOLINA.

*Callispiza vitriolina*, Cab. Mus. Hein. p. 28.

*Calliste ruficapilla*, Sclater, Cont. Orn. 1851, p. 61; P. Z. S. 1855, p. 158.

*Calliste vitriolina*, Bp. R. Z. 1851, p. 159; Note s. l. Tang. p. 13.

*Ex griseo nitenti-viridescens: pileo rufo: capitis lateribus nigris: alis caudaque nigris cærulescenti-viridi limbatis: subtus dilutior, ventre albidiore: crisso pallide rufescente.*

♀. *Mari similis, sed coloribus dilutioribus et marginibus alarum viridescens.*

Long. tota 5·3, alæ 3·0, caudæ 2·2.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., &c.

21. CALLISTE CAYANA.

*Tang. cayanensis viridis*, Briss. Orn. iii. 21.

*Tanagra cayana*, Linn. S. N. i. 315; Vieill. Enc. Méth. p. 777.

*Fringilla autumnalis*, Linn. S. N. i. p. 320?

*Calliste cayana*, Gray, Gen. p. 366. sp.; Bp. Consp. p. 234. sp. 1;

R. Z. 1851, p. 140; Note s. l. Tang. p. 14.

*Calospiza cayana*, Schomb. Reise, iii. p. 670.

*Callispiza cayana*, Cab. Mus. Hein. p. 27.

*Calliste chrysonota*, Sclater, Cont. Orn. 1850, p. 50. pl. 51, et 1851, p. 62.

*Moineau à tête rousse de Cayenne*, Buff. Pl. Enl. 201. fig. 2 (*fig. pess.*).

*Tang. à tête rousse de Cayenne*, Buff. Pl. Enl. 290. fig. 1.

*Le Passevert*, Buff. H. N. iv. 273; Desm. Tan. pl. 10, 11.

*The rufous-headed Tanager*, Lath. G. H. vi. p. 30.

*Flavescenti-ochracea: pileo cuprescenti-rufo: capitis lateribus nigris: alis nigris cærulescenti-viridi limbatis: gutture toto cærulescenti-nigro perfuso.*

♀. *Obscurior: marginibus alarum et caudæ viridescens.*

Long. tota 4·8, alæ 2·7, caudæ 1·5.

*Hab.* Cayenne.

*Mus.* Brit.

22. CALLISTE CYANOLÆMA.

*Calliste cyanolæma*, Bp. Note s. l. Tang. p. 14; R. Z. 1851, p. 140.

*Calliste cyanolæma*, Sclater, Tan. Cat. Sp. p. 12. sp. 21.

*Nitentissime flavescenti-ochracea: pileo cuprescenti-rufo: capitis*

*lateribus nigris · alis caudaque nigris viridescenti-cæruleo limbatis : gutture toto cyaneo relucente.*

♀. *Obscurior : marginibus alarum et caudæ viridescens.*

Long. tota 5·5, alæ 2·8, caudæ 2·1.

*Hab.* Interior of Venezuela, Rio Negro ; Trinidad (?).

*Mus.* P. L. S.

*Obs.* Vix a *Calliste cayana* distincta, et crassitie paulo majore et coloribus clarioribus solum dignoscenda.

### 23. CALLISTE CUCULLATA.

*Aglaiæ cucullata*, Sw. Orn. Dr. pl. 7.

*Calliste cucullata*, Gray's Gen. p. 366. sp. 9 ; Bp. Consp. p. 234 ; Selater, Cont. Orn. 1851, p. 63 ; Bp. R. Z. 1851, p. 14 ; Note s. l. Tang. p. 14.

*Supra flavescenti-ochracea, viridescente tincta : pileo nigro-cinnamomeo : infra rufescentior ; pectore cærulescente : alis caudaque nigris viridi limbatis : rostro validiore.*

Long. tota 5·0, alæ 2·9.

*Hab.* Venezuela, Angostura.

*Mus.* Parisiensi, Stricklandico.

This is a scarce bird in collections, but I have no doubt about its being a good species. It is distinguishable from all its affines by its peculiar dark cinnamon-coloured head.

### 24. CALLISTE FLAVA.

*Tang. brasiliensis flava*, Briss. Orn. iii. 39.

*Tanagra flava*, Gm. i. p. 896 ; Lath. Ind. Orn. i. p. 431 ; Max. Beitr. iii. 467.

*Lindo bello*, Azara, Pax. i. p. 387.

*Tanagra formosa*, Vieill. N. D. d'H. N. xxxii. p. 407 ; Enc. Méth. p. 773.

*Tanagra chloroptera*, Vieill. N. D. d'H. N. xxxii. p. 407.

*Aglaiæ flava*, Sw. Zool. Ill. n. s. pl.

*Calliste flava*, Gray, Gen. p. 366. sp. 15 ; Bp. Consp. p. 234 ; Selater, Cont. Orn. 1851, p. 61 ; Bp. R. Z. 1851, p. 140 ; Note s. l. Tang. p. 14.

*Callispiza flava*, Cab. Mus. Hein. p. 27.

*Yellow Tanager*, Lath. G. H. p. 22.

*Clare ochraceo-flava : alis caudaque nigris cærulescenti-viridi limbatis : corpore subtus a mento ad ventrem medialiter nigro.*

♀. *Ochraceo-flava, obscurior : dorso viridescente tincto : alis caudaque nigris viridi limbatis : gutture et pectore mediali albidis nigricante mixtis.*

Long. tota 5·8, alæ 2·9, caudæ 2·0.

*Hab.* South-eastern Brazil (*Max.*) ; Pernambuco (*Sw.*) ; Paraguay (*Azara*).

*Mus.* Brit., &c.

## 25. CALLISTE PRETIOSA.

*Lindo precioso*, Azara, Pax. i. p. 381.

*Aglaiia cayana*, d'Orb. et Lafr. Syn. Av. in Mag. de Zool. 1837, p. 32?

*Tanagra cayana*, d'Orb. Voy. p. 272?

*Calliste cayana*, Hartl. Ind. Az. p. 6.

*Tanagra gyrola*, Max. Beitr. iii. 471 (partim); DuBois, Orn. Gal. pl. 87 (♂).

*Callispiza preciosa*, Cab. Mus. Hein. p. 27.

*Calliste castanonota*, Sclater, Cont. Orn. 1851, p. 63.

*Calliste pretiosa*, Bp. R. Z. 1851, p. 159; Note s. l. Tang. p. 14.

*Nitenti-flavescenti-ochracea*: capite toto cum cervice postica et dorso summo cuprescenti-rufis: remigibus reatricibusque nigris, cæruleo limbatis: loris nigris: subtus viridescens, abdomine medio cærulescente, ventre imo, crisso et tibiis pallide rufis.

♀. *Viridescens, plumarum marginibus obscurioribus: alis caudaque nigris viridi limbatis: pileo cuprescente: subtus dilutior, crisso rufescente.*

Long. tota 6·3, alæ 3·3, caudæ 2·3.

*Hab.* Southern Brazil, Rio Grande do Sul (*Plant*); Paraguay (*Azara*); Monte Video (*Selloe*); Curytiba (*Natt.*); Corrientes (*d'Orb.*).

*Mus.* Derbiano, Heineano, Bruxell., Vindob., Berol.

## 26. CALLISTE MELANONOTA.

*Tanagra peruviana*, Desm. Tan. pl. 11 (♂); Vieill. Enc. Méth. p. 778.

*Tanagra gyrola*, Max. Beitr. iii. 471 (partim); DuBois, Orn. Gal. pl. 87. p. 134 (♀).

*Aglaiia melanota*, Sw. Orn. Dr. pl. 31 (♂), 43 (♀).

*Calliste peruviana*, Gray, Gen. p. 366. sp. 8; Bp. Consp. p. 234; R. Z. 1851, p. 140; Note s. l. Tang. p. 14; Sclater, Cont. Orn. 1851, p. 64.

*Nitenti-flavescenti-ochracea*: capite toto cum cervice postica saturate cupreo-rufis: interscapulio nigerrimo: remigibus reatricibusque nigris cærulescente limbatis: loris nigris: subtus clare viridis, ventre vix cærulescente: ventre imo, crisso et tibiis pallide rufis.

♀. *Supra viridis, interscapulio vix obscuriore: pileo et cervice postica cuprescentibus: loris nigris: subtus viridescens, ventre medio flavescenti-albido, imo cum crisso paululum rufescente.*

Long. tota 5·8, alæ 3·0, caudæ 2·0.

*Hab.* South-east Brazil (*Max.*).

*Mus.* Brit., &c.

I have not continued to employ Desmarest's name for this bird, because it is not found in Peru—but in South-eastern Brazil—a very different zoological province.

## 27. CALLISTE CYANOPTERA.

*Aglaiia cyanoptera*, Sw. Orn. Dr. pl. 8.



p. 255  
*Tanagra argentea*, Lafr. R. Z. 1843, p. 69.  
*Calliste cyanoptera*, Gray, Gen. p. 366. sp. 10; Bp. Consp. p. 234.  
 sp. 15; R. Z. 1851, p. 140; Note s. l. Tang. p. 15; Selater, Cont.  
 Orn. 1851, p. 64.

*Callispiza cyanoptera*, Cab. Mus. Hein. p. 27.

*Argentescenti-ochracea, viridi micans: capite undique cum gutture  
 alis caudaque nigris: harum marginibus angustis clare cæruleis.*  
 ♀. *Viridescens, uropygio et ventre subtilus flavescientioribus, capite  
 obscuriore et cærulescente tincto: gutture albido: alis caudaque  
 nigris viridi limbatis.*

Long. tota 5·5, alæ 3·0, caudæ 2·0.

*Hab.* Venezuela, Caraccas (*Levraud*).

*Mus.* Paris.

f. *Gyrola*.

28. CALLISTE GYROLA.

*Tang. peruviana viridis*, Briss. Orn. iii. p. 23.

*Tanagra gyrola*, Linn. S. N. i. 315; Lath. Ind. Orn. i. 427; Vieill.  
 Enc. Méth. p. 778.

*Aglaia chrysoptera*, Sw. An. Men. p. 356.

*Calliste gyrola*, Gray, Gen. p. 366. sp. 5; Bp. Consp. p. 234;  
 Selater, Cont. Orn. 1851, p. 67.

*Callispiza gyrola*, Cab. Mus. Hein. p. 28.

*Gyrola chrysoptera*, Bp. R. Z. 1851, p. 139; Note s. l. Tang.  
 p. 13.

*Le Rouverdin*, Buff. H. N. iv. 286.

*Tang. du Pérou*, Buff. Pl. Enl. 133. fig. 2.

*Tang. rouverdin, mâle*, Desm. Tan. pl. 6.

*Red-headed Greenfinch*, Edwards, Glean. pl. 23.

*Red-headed Tanager*, Lath. G. H. vi. 15.

*Clare viridis: capite et mento summo castaneis: campterio aurescente: abdomine medio cærulescente: tibiis pallide rufis.*

Long. tota 4·5, alæ 2·7, caudæ 1·8.

*Hab.* Cayenne; Brit. Guiana (*Sw.*).

*Mus.* Brit.

29. CALLISTE GYROLOIDES.

*Aglaia gyrola*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837,  
 p. 32.

*Tanagra gyrola*, d'Orb. Voy. p. 272.

*Aglaia peruviana*, Sw. An. in Men. p. 356.

*Callospiza gyrola*, Tsch. Wieg. Arch. 1844, p. 286; F. P. p. 202.

*Calliste cyanoventris*, Gray, Gen. p. 366. sp. 19.

*Aglaia gyroloides*, Lafr. R. Z. 1847, p. 277.

*Calliste gyroloides*, Gray, Gen. App. p. 17; Bp. Consp. p. 234;  
 Selater, Cont. Orn. 1851, p. 67; P. Z. S. 1854, p. 115; 1855, p. 158;  
 Cassin, Rep. U.S. Astron. Exp. ii. p. 182. pl. xix. fig. 1.

*Gyrola cyanoventris*, Bp. R. Z. 1851, p. 139; Note s. l. Tang. p. 13.

*Clare viridis*: capite et mento summo castaneis: torque nuchali et campteris aurescentibus: dorso postico et abdomine toto cæruleis: tibiis pallide rufis.

Long. tota 5·0, alæ 2·9, caudæ 1·8.

*Hab.* Chiriqui, vic. of David (*Bridges*); New Grenada, Bogota; Ecuador, prov. Quixos; Eastern Peru (*Tsch.*); Bolivia, Yuracares (*d' Orb.*).

*Mus.* Brit., Paris., &c.

### 30. CALLISTE DESMARESTI.

*Tang. rouverdin, femelle*, Desm. Tan. pl. 7 (?).

*Tanagra gyrola*, Sw. Zool. Ill. n. s. pl. 28.

*Calliste desmaresti*, Gray, Gen. p. 366. sp. 6; Selater, Cont. Orn. 1851, p. 67; Cassin, Rep. U.S. Astr. Exp. ii. p. 182. pl. xix. fig. 2.

*Aglaiia viridissima*, Lafr. R. Z. 1847, p. 277.

*Gyrola viridissima*, Bp. R. Z. 1851, p. 139; Note s. l. Tang. p. 13.

*Calliste viridissima*, Bp. Consp. p. 234.

*Clare viridis*: capite toto et mento summo castaneis: tibiis pallide rufis.

Long. tota 5·0, alæ 2·7, caudæ 1·7.

*Hab.* Venezuela; Trinidad.

*Mus.* Brit., &c.

### g. *Euprepiste.*

### 31. CALLISTE BRASILIENSIS.

*Tang. brasiliensis cærulea*, Briss. Orn. iii. p. 9.

*Tang. bleu de Brésil*, Buff. Pl. Enl. 179. fig. 1.

*Tanagra brasiliensis*, Linn. S. N. i. p. 316; Vieill. Enc. Méth. p. 780; Max. Beitr. iii. p. 477.

*Tang. barbadensis cærulea*, Briss. Orn. iii. p. 8?

*Tang. bleu de Cayenne*, Buff. Pl. Enl. 155. fig. 1; H. N. iv. p. 282?

*Tanagra barbadensis*, Kuhl, Ind. Pl. Enl. p. 3; Temm. Ind. Pl. Col. p. 31?

*Calliste albiventer*, Gray, Gen. p. 366?

*Calliste brasiliensis*, Gray, Gen. p. 366. sp. 11; Bp. Consp. p. 234; Selater, Cont. Orn. 1851, p. 68.

*Callospiza barbadensis*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 80.

*Callospiza brasiliensis*, Bp. R. Z. 1851, p. 468; Note s. l. Tang. p. 19; Cab. Mus. Hein. p. 27.

*Nigra*: capite antico et laterali cum gutture, pectore et lateribus necnon dorso postico alarum tectricibus et remigum marginibus externis cæruleis: rostri ambitu, torque gutturali ininterrupto, et maculis in lateribus pectoris et ventris nigris: abdomine medio et tectricibus subalaribus albis.

Long. tota 6·0, alæ 3·3, caudæ 2·2.

*Hab.* South-eastern Brazil, Rio (*Max.*).

*Mus.* Brit., &c.

## 32. CALLISTE FLAVIVENTRIS.

*Tang. cayennensis cærulea*, Briss. Orn. iii. p. 6.

*Tang. tacheté de Cayenne*, Buff. Pl. Enl. 290. fig. 2.

*Tang. diable carhumé*, Buff. H. N. iv. 27; Desm. Tang. pl. 2.

*Tanagra mexicana*, Linn. S. N. i. 315.

*Tanagra flaviventris*, Vieill. N. D. d'H. N. xxxii. p. 411; Euc. Méth. p. 774.

*Calliste mexicana*, Gray, Gen. p. 366. sp. 21; Bp. Consp. p. 235.

*Callospiza mexicana*, Schomb. Reise, iii. 670.

*Calliste flaviventris*, Selater, Contr. Orn. 1851, p. 69.

*Callispiza flaviventris*, Cab. Mus. Hein. p. 27.

*Callospiza cayennensis*, Bp. R. Z. 1851, p. 169; Note s. l. Tang. p. 20.

*Black and Blue Tanager*, Edwards, Glean. t. 350; Lath. G. H. vi. 35.

*Nigra*: capite antico et laterali cum gutture, pectore et lateribus necnon dorso postico et tectricum alarum majorum marginibus externis cæruleis; rostri ambitu, torque gutturali interrupto et maculis in lateribus pectoris et ventris nigris: tectricibus alarum minoribus turcoso-cæruleis: remigum externarum margine angusta cyanea: abdomine medio cum crisso et tectricibus subalaribus albis, sulphureo tinctis.

Long. tota 5·4, alæ 2·7, caudæ 1·8.

*Hab.* Cayenne; Upper Rio Negro (Wallace).

*Mus.* Brit., &c.

## 33. CALLISTE VIEILLOTI, sp. nov.

*Tanagra flaviventris*, Vieill. Enc. Méth. p. 774 (partim).

*Callospiza mexicana*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 80; R. Z. 1851, p. 169; Note s. l. Tang. p. 20.

*Nigra*: capite antico et laterali cum gutture, pectore et lateribus necnon dorso postico et tectricum alarum majorum marginibus externis cæruleis; rostri ambitu, torque gutturali interrupto et maculis in lateribus pectoris et ventris nigris: tectricibus alarum minoribus turcoso-cæruleis: remigum margine externa anguste viridescente: abdomine medio cum crisso et tectricibus alarum inferioribus clare flavis.

♀. *Ventre pallidiore.*

Long. tota 4·5, alæ 2·9, caudæ 1·7.

*Hab.* Trinidad.

*Mus.* Paris. et P. L. S.

This Tanager was first well-distinguished from *C. flaviventris* of Cayenne by Prince Bonaparte, who proposed to retain for it the Linnæan name *mexicana*. This I cannot assent to, as the bird has nothing to do with Mexico; and moreover, if that name is used at all, it must be applied to the Cayenne bird, as Linnæus's species was grounded principally on Brisson's *Tang. cayennensis cærulea*.

The *Calliste vieillotii* is common in collections from Trinidad, and

may be readily recognized by its bright yellow belly and under wing-coverts, which in *C. flaviventris* are creamy white tinged with yellow.

34. CALLISTE BOLIVIANA.

*Aglaiia mexicana*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 32.

*Tanagra flaviventris*, d'Orb. Voy. p. 270.

*Callospiza boliviana*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 80 ; R. Z. 1851, p. 169 ; Note s. l. Tang. p. 20.

*Calliste boliviana*, Sclater, Contr. Orn. 1851, p. 69.

*Nigra* : capite antico et laterali cum gutture pectore et lateribus necnon dorso postico et tectricibus alarum minoribus cum marginibus tectricum majorum cæruleis : rostri ambitu, torque gutturali interrupto et maculis in lateribus pectoris et ventris nigris : remigum margine externa anguste cyanescente : abdomine medio crissoque cum tectricibus subalaribus flavissimis.

Long. tota 5·0, alæ 2·75, caudæ 1·9.

*Hab.* New Grenada, Bogota ; East Peru ; Upper Amazon, Ega (*Wallace*) ; Bolivia, Guarayos and Yuracares (*d'Orb.*).

*Mus.* Paris., Derbiano.

35. CALLISTE INORNATA.

*Calliste inornata*, Gould, P. Z. S. 1855, p. 158 (note).

*Supra nigro-grisea* : alis caudaque fusco-nigris : alarum tectricibus minoribus turcoso-cæruleis : subtus pallidior ; abdomine toto crissoque et tectricibus subalaribus lactescenti-albis : rostro et pedibus nigris.

Long. tota 4·75, alæ 2·5, caudæ 1·75.

*Hab.* New Grenada, Bogota.

*Mus.* Joh. Gould.

This curious little bird, of which Mr. Gould possesses a single specimen, appears to me to represent an immature state of some species of true *Calliste*, probably as yet undescribed.

h. *Procnopis*.

36. CALLISTE ATRICÆRULEA.

*Procnopis atrocærulea*, Tsch. in Wieg. Arch. 1844, p. 285 ; F. P. p. 199. pl. 13. fig. 2.

*Calliste atrocærulea*, Gray, Gen. App. p. 17 ; Sclater, Contr. Orn. 1851, p. 59 ; Bp. Consp. p. 235.

*Chalcothraupis atrocærulea*, Bp. R. Z. 1851, p. 144 ; Note s. l. Tang. p. 19.

*Cærulea* : interscapulio nigro : capite toto ex cinereo cærulescente : nuchali macula dilute straminea : alis nigris cæruleo limbatis : gula et pectore cyaneis.

*Hab.* Eastern Peru (*Tsch.*) ; Bolivia (*Bridges*).

*Mus.* Neuchatel, Derbiano.

## 37. CALLISTE RUFICERVIX.

*Aglaia ruficervix*, Prev. Voy. Venus, Ois. pl. 5. fig. 1.

*Arremon rufivertex*, Gray, Gen. p. 361. sp. 3.

*Procnopis atrocærulea et Tanagra ruficervix*, Bp. Compt. Rend. 1851, xxxii. p. 77.

*Chalcothraupis ruficervix*, Bp. R. Z. 1855, p. 144; Note s. l. Tang. p. 18.

*Calliste leucotis*, Sclater, Contr. Orn. 1851, p. 58.

*Calliste ruficervix*, Sclater, Contr. Orn. 1851, p. 58; P. Z. S. 1855, p. 158.

*Cærulea*: dorsi plumis medialiter et intus nigris: alis caudaque nigris cæruleo limbatis: pileo et cervice postica purpureis: vitta lata trans nucham aurescenti-rufa: fronte, mento et loris nigris: ventre medio crissoque ochraceis.

Long. tota 4·5, alæ 2·8, caudæ 1·7.

*Hab.* New Grenada, Bogota; Ecuador, vic. of Quito (*Bourcier*).

*Mus.* Brit., Paris.

## 38. CALLISTE ATRICAPILLA.

*Tanagra (Aglaia) atricapilla*, Lafr. R. Z. 1843, p. 290.

*Calliste atricapilla*, Bp. Consp. p. 235; Sclater, Contr. Orn. 1851, p. 59.

*Chalcothraupis atricapilla*, Bp. R. Z. 1851, p. 144; Note s. l. Tang. p. 19.

*Procnias heinei*, Cab. Mus. Hein. p. 31 (jun.); Bp. R. Z. 1851, p. 134; Note s. l. Tang. p. 8.

*Cærulescenti-argentea*: alis caudaque nigris eodem colore limbatis: pileo toto nigerrimo: gutturis totius et pectoris plumarum basibus nigris, apicibus autem acutis et colore clare viridibus.

♀. *Viridis*: pileo obscuriore: gutture mari simili, sed pallidiore.

Long. tota 4·8, alæ 2·8, caudæ 1·7

*Hab.* New Grenada, Bogota; Venezuela, near Caraccas (*Dyson*); Popayan (*Mus. Derb.*).

*Mus.* Brit., Derbiano.

## 39. CALLISTE ARGENTEA.

*Procnopis argentea*, Tsch. Wieg. Arch. 1844, p. 285; F. P. p. 199. pl. 14. fig. 2.

*Calliste argentea*, Gray, Gen. App. p. 14; Bp. Consp. p. 235; Sclater, Contr. Orn. 1851, p. 60.

*Chalcothraupis argentea*, Bp. R. Z. 1851, p. 145; Note s. l. Tang. p. 19.

*Supra cinerascenti-argenteo-cyanescens, pileo nigro: gutture aurescenti-stramineo: pectore et ventre medio nigris.*

Long. tota 5·5.

*Hab.* Eastern Peru (*Tsch.*).

*Mus.* Neuchatel et Derbiano.



## 40. CALLISTE NIGRIVIRIDIS.

*Tanagra nigroviridis*, Lafr. R. Z. 1843, p. 69; Mag. de Zool. 1843, pl. 43.

*Calliste nigro-viridis*, Gray, Gen. p. 366. sp. 23; Bp. Consp. p. 235; Selater, Contr. Orn. 1851, p. 56; P. Z. S. 1855, p. 158.

*Callispiza nigroviridis*, Cab. Mus. Hein. p. 27.

*T. (Aglaia) nigroviridis*, Less. Descr. p. 348.

*Chalcothraupis nigro-viridis*, Bp. R. Z. 1851, p. 145; Note s. l. Tang. p. 19.

*Nigra*: pileo cervice et dorso postico cum corpore toto subtus argentescenti-cyaneis, plumis subtus nigris argentescenti-cyaneo terminatis: fronte, loris, regione oculari et mento nigris: abdomine medio albicante: remigibus reetricibusque nigris cyaneo marginatis: tectricibus alarum minoribus intense cyaneis: majoribus autem argentescenti-cyaneo marginatis.

Long. tota 5·0, alæ 2·9, caudæ 1·8.

*Hab.* New Grenada, Bogota; Ecuador, prov. Quixos; Western Ecuador, Calacali (*Bourcier*).

*Mus.* Paris., Brit.

## 41. CALLISTE CYANESCENS, sp. nov.

*Nigra*: pileo, cervice et dorso postico cum corpore subtus argentescenti-cyaneis; plumis subtus nigris argentescenti-cyaneo terminatis: fronte, loris, regione oculari et mento summo nigris: abdomine medio crissoque albis: alis caudaque nigris cyanescente marginatis, campteriis intensius cyanescentibus.

Long. tota 5·0, alæ 3·0, caudæ 1·9.

*Hab.* Venezuela, Caraccas (*Levraud*); Colonia di Tovar, alt. 8000 feet (*Dyson*).

*Mus.* Brit., Paris.

*Obs.* Affinissima *C. nigriviridi* et crassitie paulo majore, alæ totius marginibus cyanescentibus unicoloribus et colore pectoris cyanescentiore, ventris autem albidioris, vix distinguenda.

I have seen many specimens of this bird, which is the Venezuelan representative of *Calliste nigriviridis*. It is certainly very closely allied to that species, but presents as good distinctive characters as many other birds which are now generally allowed to be independent species.

## 42. CALLISTE LARVATA.

*Calliste larvata*, DuBus, Esq. Orn. pl. 9; Gray, Gen. App. p. 17; Bp. Consp. p. 236; Selater, Contr. Orn. 1851, p. 64.

*Tatao larvatus*, Bp. R. Z. 1851, p. 142; Note s. l. Tang. p. 16.

*Capite colloque toto cum gula nitidissime cuprescenti-aureis: rostri ambitu nigro; vitta ultra frontem et capitis lateribus cæruleis, hujus coloris margine posteriore in viridescentem transeunte: interscapulio, alis caudaque cum pectore toto nigris: tectricibus alarum minoribus cæruleis; mediarum autem et majorum marginibus cum*

*dorso postico cyaneis : remigibus et rectricibus aurescenti viridi limbatis : abdomine medio albo, utrinque cæruleo, lateribus viridescentibus : rostro et pedibus nigris.*

♀. *Coloribus minus claris.*

Long. tota 5·0, alæ 2·9, caudæ 1·8.

*Hab.* Southern Mexico, Tabasco (*Ghiesbreght*) ; Chamalican river, Spanish Honduras (*Dyson*).

*Mus.* Brit., Derbiano.

#### 43. CALLISTE FRANCISCÆ.

*Aglaia fanny* (!), Lafr. R. Z. 1847, p. 72.

*Calliste fanny*, Gray, Gen. App. p. 17 ; Bp. Consp. p. 236. sp. 38 ; Des Murs, Icon. Orn. pl. 56. fig. 1.

*Calliste franciscæ*, Selater, P. Z. S. 1856, p. 142.

*Capite colloque toto cum gula nitidissime virescenti-aureis : rostri ambitu nigro, deinde cæruleo et in viridem transeunte : interscapulio alis caudaque cum pectore toto nigerrimis : dorso postico et tetricibus alarum mediis viridescenti-cyaneis ; remigibus et rectricibus eodem colore anguste limbatis : tetricibus alarum summis cæruleis : abdomine medio crissoque albis, lateribus viridescenti-cæruleis : rostro et pedibus nigris.*

Long. tota 5·0, alæ 2·8, caudæ 1·6.

*Hab.* Veragua (*Delattre*) ; vic. of David, prov. Chiriqui, Panama (*Bridges*).

*Mus.* Acad. Philadelph. et Joh. Gould.

This beautifully coloured bird, which was first discovered by Delattre in Veragua, has been generally supposed to be the same as the *C. larvata*, and it was only upon a close examination of the specimen lately procured by Mr. Bridges, and comparison of it with individuals of the other species, that I was enabled to recognize its difference. This *Calliste* is slightly smaller than the *larvata*, and has the head of a much lighter golden green, in some lights passing almost into pale green. In the other bird these parts are more of a coppery brown. In this species, also, the lower back and edgings of the middle and greater wing-coverts are of a much greener tinge, and there is more white in the middle of the belly and crissum.

#### 44. CALLISTE NIGRICINCTA.

*Aglaia nigro-cincta*, Bp. P. Z. S. 1837, p. 121.

*Calliste nigro-cincta*, Gray, Gen. p. 366. sp. 16 ; Bp. Consp. p. 235 ; Selater, Contr. Orn. 1851, p. 68.

*Chalcothraupis nigro-cincta*, Bp. R. Z. 1851, p. 145 ; Note s. l. Tang. p. 19.

*Calliste thalassina*, Strickl. Ann. N. H. (1844) xiii. p. 419 ; Gray, Gen. p. 366. sp. 30 ; Selater, Contr. Orn. 1851, p. 57 ; P. Z. S. 1854, p. 115, et 1855, p. 158.

*Aglaia wilsoni*, Lafr. R. Z. 1847, p. 71.

*Calliste wilsoni*, Gray, Gen. App. p. 17 ; Bp. Consp. p. 236. sp. 37 ; Des Murs, Icon. Orn. pl. 56. fig. 2.

*Chrysothraupis thalassina*, Bp. R. Z. 1851, p. 143; Note s. l. Tang. p. 17.

*Calliste larvata*, Cassin, Rep. U.S. Astr. Exp. p. 182. pl. xviii. fig. 2.

*Capite et cervice undique cum gula thalassino-cyaneis, regione auriculari cum mento pallide viridibus: loris, interscapulio et pectore toto nigerrimis: dorso postico late cæruleo: abdomine medio albo, lateribus cærulescentibus: remigibus et rectricibus nigris cærulescenti-viridi marginatis: tectricibus alarum summis late cæruleis, mediis et majoribus viridibus.*

Long. tota 5·0, alæ 2·8, caudæ 1·8.

*Hab.* New Grenada, Bogota; Ecuador, prov. Quixos; Eastern Peru, Guaunco (*Delattre*); River Ucayali (*Hawxwell*); Marabitanas on the Rio Negro (*Natt.*).

*Mus.* Brit., Derbiano, Vindobiensi.

#### 45. CALLISTE CYANEICOLLIS.

*Aglaia cyanicollis*, Lafr. et d'Orb. Mag. de Zool. 1837, p. 33.

*Tanager cyanicollis*, d'Orb. Voy. p. 271. pl. 25. fig. 1.

*Callospiza cyanicollis*, Tsch. Wiegman. Arch. 1844, p. 286; F. P. p. 202.

*Aglaia cæruleocephala*, Sw. An. in Men. p. 356.

*Calliste cæruleocephala*, Gray, Gen. p. 366. sp. 18; Bp. Consp. p. 235. sp. 19.

*Calliste cyanicollis*, Selater, Contr. Orn. 1851, p. 115; P. Z. S. 1854, p. 115, et 1855, p. 158; Cassin, Rep. U.S. Astr. Exp. ii. p. 181. pl. xviii. fig. 1.

*Capite toto et gutture undique late cyaneis: gula purpurascente: loris interscapulio et abdomine toto nigerrimis; hoc cæruleo lavato: dorso postico et alarum tectricibus pallide viridibus, tectricibus alarum summis aurescentioribus: remigibus et rectricibus nigris viridi anguste marginatis.*

Long. tota 4·7, alæ 2·6, caudæ 1·7.

*Hab.* New Grenada, Bogota; Ecuador, prov. Quixos (*Gould*); Eastern Peru (*Tsch.*); Bolivia, Yuracares (*d'Orb.*).

*Mus.* Brit., Paris., &c.

#### 46. CALLISTE LABRADORIDES.

*Tanager (Aglaia) labradorides*, Boiss. R. Z. 1840, p. 67; Less. Descr. p. 347.

*Aglaia labradorides*, Prevost, Voy. Venus, Ois. pl. 5. fig. 2.

*Calliste labradorides*, Gray, Gen. p. 366. sp. 25; Bp. Consp. p. 235; Selater, Contr. Orn. 1851, p. 57; P. Z. S. 1855, p. 158.

*Chalcothraupis labradorides*, Bp. R. Z. 1851, p. 144; Note s. l. Tang. p. 18.

*Nitenti-viridis cæruleo vir tincta, capite aurescentiore: fronte, loris, mento summo, nucha et cervice postica cum scapularibus nigris: alis caudaque nigris cærulescenti-viridi marginatis; tectricibus*

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*alarum summis cæruleis : ventre imo crissoque pallide ochraceis.*

Long. tota 4·5, alæ 2·6, caudæ 1·7.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., &c.

#### 47. CALLISTE PARZUDAKII.

*Tanagra parzudakii*, Lafr. R. Z. 1843, p. 97 ; Mag. de Zool. 1843, Ois. pl. 41.

*Calliste parzudakii*, Gray, Gen. p. 366. sp. 27 ; Bp. Consp. p. 235. sp. 26 ; Selater, Contr. Orn. 1851, p. 66 ; P. Z. S. 1854, p. 115, et 1855, p. 158.

*Chrysothraupis parzudakii*, Bp. R. Z. 1851, p. 143 ; Note s. l. Tang. p. 18.

*Nigra : dorso postico cum tectricibus alarum minoribus et tectricum majorum apicibus externis argenteo-cyanescentibus : pileo toto cum nucha et collo laterali flavissimis ; fronte et regione oculari ruberrimis : loris nigris : subtus argenteo-cyanescens ochraceo tincta ; gula nigra ; ventre medio crissoque ochraceis.*

Long. tota 5·5, alæ 3·3, caudæ 2·0.

*Hab.* New Grenada, Bogota ; Ecuador, Quixos.

*Mus.* Brit.

#### 48. CALLISTE LUNIGERA.

*Calliste lunigera*, Selater, Contr. Orn. 1851, p. 65. pl. 70. fig. 2.

*Nigra : dorso postico cum tectricibus alarum minoribus et tectricum majorum secundariorumque marginibus argenteo-viridescentibus : pileo toto et capitis lateribus aurantiacis, macula magna auriculari cum gula nigris : pectore argenteo-viridescente ; abdomine rufescenti-ochraceo.*

Long. tota 5·3, alæ 2·8, caudæ 1·8.

*Hab.* Western Ecuador, vicinity of Quito (Jameson).

*Mus.* Gul. Jardine, Bart. et P. L. S.

#### 49. CALLISTE CHRYSOTIS.

*Calliste chrysotis*, DuBus, Esq. Orn. pl. 7 ; Gray, Gen. App. p. 17 ; Bp. Consp. p. 236 ; Selater, Contr. Orn. 1851, p. 66.

*Chrysothraupis chrysotis*, Bp. R. Z. 1851, p. 142 ; Note s. l. Tang. p. 17.

*Supra nigra : dorso postico et interscapulii alarumque pennarum omnium marginibus clare viridibus : pileo nigro : fronte aurescenti-viridi : regione auriculari cuprescenti-aureo : subtus clare viridis ; abdomine medio crissoque castaneis.*

Long. tota 5·5, alæ 2·9, caudæ 1·9.

*Hab.* Eastern Peru (DuBus).

*Mus.* Bruxell., Derbiano.

## 50. CALLISTE XANTHOCEPHALA.

*Callospiza xanthocephala*, Tsch. Wieg. Arch. 1844, p. 285; F. P. p. 200. pl. 17. fig. 2 (*fig. pess.*); Gray, Gen. App. p. 17; Bp. Consp. p. 235.

*Calliste lamprotis*, Sclater, Contr. Orn. 1851, p. 65.

*Chrysothraupis xanthocephala*, Bp. R. Z. 1851, p. 443; Note s. l. Tang. p. 17.

*Late cæruleo-viridis*: interscapulii, alarum et caudæ plumis nigris eodem viridi limbatis: fronte, loris, gula summa et cervice postica nigris: pileo toto aurantiaco: capitis lateribus et regione auriculari flavissimis: ventre medio crissoque pallide ochraceis.

Long. tota 5·3, alæ 2·9, caudæ 1·9.

*Hab.* Eastern Peru (Tsch.); Bolivia (Bridges).

*Mus.* Brit., Neuchatel.

## 51. CALLISTE VENUSTA.

*Calliste xanthocephala*, Sclater, Contr. Orn. 1851, p. 58; P. Z. S. 1854, p. 115.

*Calliste venusta*, Sclater, P. Z. S. 1854, p. 248, et 1855, p. 158.

*Late cæruleo-viridis*: interscapulii, alarum caudæque plumis nigris, eodem viridi marginatis: fronte, loris, gula summa et cervice postica nigris: pileo lateribusque capitis flavis: ventre medio crissoque pallide ochraceis: rostro nigro: pedibus pallidis.

Long. tota 4·5, alæ 2·5, caudæ 1·5.

*Hab.* New Grenada, Bogota; prov. Quixos in Ecuador.

*Mus.* Brit., Berol.

## Genus XXXIV. DIVA.

*Procnopis*, Bp. Compt. Rend. xxxii. p. 80 (1851), nec Cab.

*Diva*, Sclater, Tan. Cat. Sp. p. 16 (1854).

*Forma Callistæ, sed rostro brevior et basi dilatata; dente finali obsoleto: ala longæ, remigibus secunda, tertia et quarta longissimis, prima brevior quam quinta: cauda modica quadrata: ptilosis cærulea, unicolor.*

## 1. DIVA VASSORI.

*Tanagra (Euphonia?) vassorii*, Boiss. R. Z. 1840, p. 4; Mag. de Zool. 1841, pl. 23.

*Aglaiia diva*, Less. Echo d. M. S. 1844, p. 57; Descr. d. Mam. et Ois. p. 347.

*Calliste vassorii*, Gray, Gen. p. 366. sp. 26; Bp. Consp. p. 235. sp. 25; Sclater, Contr. Orn. 1851, p. 60.

*Procnopis vassori*, Bp. Compt. Rend. xxxii. p. 80; R. Z. 1851, p. 134; Note s. l. Tang. p. 9.

*Diva vassori*, Sclater, Tan. Cat. Sp. p. 13; P. Z. S. 1855, p. 158.



*Lucide cærulea* : loris, alis caudaque nigris : tectricibus alarum minoribus et tectricum majorum marginibus cæruleis.

♀ aut junior. *Griseo-cinerea* : subtus clarior.

Long. tota 4·7, alæ 2·8, caudæ 1·7.

*Hab.* Bogota.

*Mus.* Brit., &c.

The bird which I formerly described as *Pipridea albiventris* (Contr. Orn. 1852, p. 131. pl. 100. fig. 2), and afterwards made a second species of this form, is, I now think, though somewhat intermediate in characters, more strictly referable to the neighbourhood of the genus *Dacnis* in the family *Cærebidæ*.

### Genus XXXV. PIPRIDEA.

*Pipraeidea*, Sw. Zool. Journ. iii. p. 173 (1827).

*Procnopis*, Bp. Compt. Rend. xxxii. p. 80, nec Cab.

*Rostrum* Callistæ, sed brevius, altius, basi dilatata, rictu plumoso : alæ modicæ, remigibus quatuor primis fere aqualibus sed secunda et tertia paulo longioribus : cauda modica subquadrata : ptilosis cærulea et rufa : sexus dissimiles.

#### 1. PIPRIDEA MELANONOTA.

*Pico di punzon azul y canela*, Azar. Pax. i. p. 413.

*Tanagra melanonota*, Vieill. N. D. d'H. N. xxxii. 407.

*Tanagra melanotha*, Vieill. Enc. Méth. p. 773.

*Tanagra vittata*, Temm. Pl. Col. 48 (♂ et ♀).

*Pipraeidea cyanea*, Sw. Zool. Journ. 1827, p. 173 ; Bp. Consp. p. 231.

*Aglaiia vittata*, Darwin, Voy. Beagle, p. 98.

*Calliste vittata*, Gray, Gen. p. 366. sp. 24.

*Procnopis vittata*, Cab. in Wiegman. Arch. 1844, p. 284.

*Procnopis melanota*, Bp. Compt. Rend. xxxii. p. 80 ; R. Z. 1851, p. 134 ; Note s. l. Tang. p. 8.

*Calliste melanonota*, Selater, Contr. Orn. 1851, p. 61.

*Pipraeidea melanonota*, Selater, Tan. Cat. Sp. p. 13.

*Supra cærulea* : interscapulio toto valde obscuriore, nigricanti-cæruleo tincto : alis caudaque nigris nigricante cæruleo limbatis : campteris late cæruleis : vitta lata frontali per oculos utrinque transeunte nigerrima : subtus ochraceo-cinnamomea.

♀. Obscurior : interscapulio fusco : alarum caudaque marginibus viridescentibus.

Long. tota 5·8, alæ 3·1, caudæ 2·0.

*Hab.* Southern Brazil ; Uruguay, Maldonado (*Darwin*) ; Paraguay (*Azara*).

*Mus.* Brit., &c.

#### 2. PIPRIDEA VENEZUELENSIS, sp. nov.

*Supra late cærulea* : interscapulio alis caudaque nigris, cæruleo

*tinctis* : *campteriis læte cæruleis* : *vitta frontali per oculos utrinque transeunte nigerrima* : *subtus ochracea*.

Long. tota 5·1, alæ 3·1, caudæ 1·9.

*Hab.* Venezuela, Caraccas (*Levrault*).

*Mus.* Parisiensi.

*Obs.* Affinissima *P. melanonotæ*, sed paulo minor et colore cæruleo clariore et rostro breviora distinguenda.

### 3. PIPRIDEA CASTANEIVENTRIS.

*Calliste castaneiventris*, Sclater, Contr. Orn. 1851, p. 60.

*Pipraidea castaneiventris*, Sclater, Tan. Cat. Sp. p. 13.

*Supra fusco-cærulea* : *alis caudaque nigris fusco-cæruleo limbatis* : *loris et regione oculari atris* : *infra brunneo-castanea* : *rostrum elongatiore, mandibula inferiore brunnescente, superiore cum pedibus nigris*.

Long. tota 6·4, alæ 3·15.

*Hab.* Bolivia (*Bridges*).

*Mus.* Derbiano.

## Genus XXXVI. CHLOROCHRYSA.

*Chlorochrysa*, Bp. Compt. Rend. xxxii. p. 76 (1851).

*Calliparæa*, Bp. R. Z. 1851, p. 129.

*Rostrum tenue, elongatum, mandibula superiore paulum incurva, inferiore rectissima* : *dente finali fere obsoleto* : *alæ elongatæ, remigibus quatuor primis fere æqualibus et longissimis* : *cauda brevi quadrata* : *ptilosis nitentissime viridis* : *sexus similes*.

### 1. CHLOROCHRYSA CALLIPARÆA.

*Callospiza calliparæa*, Tsch. in Wiegmann, Arch. 1844, p. 202 ; F. P. p. 202.

*Calliste calliparæa*, Gray, Gen. App. p. 17 ; Bp. Consp. p. 235. sp. 30.

*Calliste bourcierii*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 76.

*Calliparæa bourcierii*, Bp. R. Z. 1851, p. 129 ; Note s. l. Tang. p. 3.

*Chlorochrysa calliparæa*, Sclater, Contr. Orn. 1851, p. 99. pl. 73. fig. 1.

*Lucide viridis* : *regione oculari dorso inferiore et ventre cærulescente tinctis* : *gula nigra* : *regione auriculari castanea* : *uropygio croceo*.

Long. tota 4·6, alæ 2·8, caudæ 2·0.

*Hab.* Wood-region of E. Peru (*Tsch.*) ; Valley of Baños, Ecuador (*Bourcier*) ; Anolaima, New Grenada (*Chapoul*).

*Mus.* Berol., Parisiensi.

### 2. CHLOROCHRYSA PHÆNICOTIS.

*Calliste phænicotis*, Bp. Compt. Rend. Ac. Sc. Par. xxxii. p. 76.

*Calliparæa phænicotis*, Bp. R. Z. 1851, p. 129 ; Note s. l. Tang. p. 3.

*Chlorochrysa phanicotis*, Sclater, Contr. Orn. 1851, p. 100. pl. 73. fig. 2.

*Lucide viridis : tectricibus alarum minoribus, tibiis et macula altera suboculari et altera pone oculum utrinque splendenti-olivaceo-brunneis : his secundis maculis corallino-rubro versus nucham terminalis.*

♀. *Mari similis sed minor.*

Long. tota 5·0, alæ 3·0, caudæ 1·7.

*Hab.* Ecuador, Nanegan, north of Quito (*Bourcier*).

*Mus.* Paris. et Gul. Jardine, Bart.

#### Genus XXXVII. TANAGRELLA.

*Tanagrella*, Sw. Class. B. ii. p. 121.

*Hypothlypis*, Cab. in Schomb. Reise, iii. p. 667.

*Rostrum tenue, elongatum, mandibula inferiore recta, superiore incurva, dente finali indistincto : alæ longæ, remigibus secunda et tertia longissimis, prima quartam æquante et illis vix brevioribus : cauda longa quadrata : ptilosis nigro-cærulea : sexus similes.*

##### 1. TANAGRELLA VELIA.

*Red-bellied Blue-bird*, Edwards' Glean. pl. 22.

*Motacilla velia*, Linn. S. N. i. p. 336 (partim).

*Le Pipit bleu de Surinam*, Buff. Pl. Enl. 669. fig. 3.

*Le Pipit varié*, Buff. H. N. v. 341.

*Tangara varié*, Desm. Tan. pl. 2.

*Tanagra velia*, Vieill. N. D. d'H. N. xxxii. p. 424 ; Enc. Méth. p. 780.

*Tanagra varia*, Steph. Zool. xiv. p. 7 ; Cuv. Règn. An. i. p. 367.

*Hypothlypis iridina*, Cab. in Schomb. Reise, iii. p. 667 ?

*Tanagra iridina*, Hartl. R. Z. 1841, p. 105 ?

*Tanagrella iridina*, Gray, Gen. p. 366.

*Tanagrella velia*, Bp. Consp. p. 236 ; Sclater, Contr. Orn. 1851, p. 97.

*Red-bellied Tanager*, Lath. G. H. vi. 34.

*Nigra : gula, capitibus lateribus, alarum caudæque marginibus et caudæ tectricibus superioribus cæruleis : dorso postico viridescente argenteo nitente : pileo antico viridescente cyaneo, versus rostrum cærulescentiore : loribus et narium plumis nigris : subtus cærulea, collo antico nigro : pectore lilacescente : ventre medio et crisso castaneis : tectricibus subalaribus albis : rostro et pedibus nigris.*

Long. tota 5·4, alæ 2·9, caudæ 2·0.

*Hab.* Cayenne ; British Guiana (*Schomb.*).

*Mus.* Brit., &c.

##### 2. TANAGRELLA ELEGANTISSIMA.

*Tanagrella elegantissima*, J. et E. Verr. Rev. Zool. 1853, p. 195.

*Nigerrima : gula, capitibus lateribus et pileo antico cum fronte et loribus,*

*alarum caudaeque marginibus et tectricibus caudæ superioribus latissime cæruleis : dorso postico viridescente argenteo nitente : subtus cærulea, collari interrupto nigro : pectore paululum lilascescente : ventre medio et crisso castaneis : tectricibus alarum inferioribus albis : rostro et pedibus nigris.*

Long. tota 5·5, alæ 3·0, caudæ 1·9.

*Hab.* New Grenada, Bogota ; Rio Xié (*Natterer*) ; Porto Cabello (*Mus. Hein.*).

*Mus.* Heineano ; Vindob.

This species, of which I have seen many examples in the most recently imported Bogota collections, is very closely allied to the *T. velia* of Cayenne ; but in the present bird the front lores and throat are of the same full blue as the wing-edgings, and there is no tinge of greenish colouring on the head as in its Cayenne representative. The whole colouring is also generally more intense, and the black collar on the throat is narrower and less defined.

### 3. TANAGRELLA CYANOMELAS.

*Sylvia surinamensis cærulea*, Briss. Orn. iii. p. 536 ?

*Motacilla velia*, Gm. S. N. i. 991 (partim).

*Tanagra cyanomelas*, Max. Beitr. iii. 453.

*Tanagrella multicolor*, Sw. An. in Men. p. 313.

*Tanagrella tenuirostris*, Sw. Class. ii. p. 121.

*Tanagrella velia*, Gray, Gen. p. 366. sp. 1.

*Tanagrella cyanomelas*, Bp. Consp. p. 236 ; Sclater, Contr. Orn. 1851, p. 97.

*Nigra : gula, fronte, capitis lateribus, marginibus alarum et caudæ cum tectricibus caudæ superioribus cæruleis : pileo antico supra frontem et dorso postico viridescenti-argenteis : subtus late cærulescenti-grisea, ventre medio et crisso castaneis : collari interrupto nigro : tectricibus subalaribus albis.*

Long. tota 5·7, alæ 3·0, caudæ 2·2.

*Hab.* South-eastern Brazil (*Max.*).

*Mus.* Brit., &c.

### 4. TANAGRELLA CALOPHRYS.

*Hypothlypis calophrys*, Cab. in Schomb. Reise, iii. 668 (note).

*Tanagrella calophrys*, Bp. Compt. Rend. 1851, p. 77 ; R. Z. 1851, p. 130 ; Note s. l. Tang. p. 5 ; Sclater, Contr. Orn. 1851, pl. 74. p. 98.

*Supra nigerrima : fronte angusta, capitis lateribus cum marginibus alarum et caudæ et tectricibus caudæ superioribus cæruleis : pileo mediali cum superciliis latis et elongatis et dorso postico viridescenti-argenteis : subtus cærulea, ventre imo et crisso nigris : tectricibus subalaribus nigricanti-cinereis : rostro et pedibus nigris.*

Long. tota 5·4, alæ 3·0, caudæ 2·0.

*Hab.* Ecuador, prov. Quixos (*Bourcier*) ; East Peru, river Uca-yali (*Hawxwell*).

*Mus.* Berol.

## Genus XXXVIII. GLOSSIPTILA.

*Neornis*, Hartl. 1846, Nachtr. z. Verz. Brem. Mus., nec Hodgs.

*Rostrum tenue, elongatum, incurvum, commissura arcuata, gonyde recta, dente finali nullo: alæ longæ, remige tertia et quarta longissimis et secundam paulo superantibus, prima paulo brevior quam quinta: cauda breviuscula quadrata: sexus dissimiles: ptilosis mascula cærulea, feminea grisea.*

## 1. GLOSSIPTILA RUFICOLLIS.

*Motacilla campestris*, Linn. S. N. i. p. 329 (♀)?

*Rufous-throated Tanager*, Lath. Syn. ii. pt. 1. p. 241.

*Tanagra ruficollis*, Gm. S. N. ii. p. 894; Edwards, Glean. pl. 122.

*Tanagrella ruficollis*, Gray, Gen. App. p. 17; Bp. Consp. p. 236; Gosse, B. of Jam. p. 236; Ill. B. Jam. pl. 58.

*Tachyphonus ruficularis*, Lafr. R. Z. 1846, p. 320.

*Pyrrhulagra ruficollis*, Bp. Consp. p. 236 (excl. syn.).

*Neornis cærulea*, Hartl. Nachtr. z. Verz. Mus. Brem. p. 8 (descr. nulla).

*Rufous-chinned Finch*, var. A, Lath. G. H. vi. 126.

*Cærulescenti-plumbea, facie nigricante: plaga magna gutturali castaneo-rufa.*

♀. *Cupite colloque viridescenti-griseis: dorso olivascenti-brunneo: subtus cinerea, medialiter albescens.*

Long. tota 4·8, alæ 2·8, caudæ 1·8.

*Hab.* Jamaica (Gosse); S. Domingo.

*Mus.* Paris., Brit.

## Genus XXXIX. CHLOROPHONIA.

*Chlorophonia*, Bp. R. Z. 1851, p. 137.

*Triglyphidia*, Reich. Av. Syst. Nat. pl. 73.

*Genus vir ab Euphonia diversum: rostrum minus altum et basi magis dilatata: alæ longæ: remigibus 4 primis inter se fere aequalibus: cauda brevissima: tarsi breves: ptilosis læte viridis, flavo varia: sexus dissimiles.*

## 1. CHLOROPHONIA VIRIDIS.

*Tanagra viridis*, Vieill. N. D. d'H. N. xxxii. p. 426; Temm. Pl. Col. 36. fig. 3.

*Pipra chlorocapilla*, Shaw, Zool. xiii. p. 255.

*Euphonia viridis*, Gray, Gen. p. 367. sp. 10; Tsch. in Wiegmann. Arch. 1844, p. 284; Bp. Consp. p. 233; Sclater, Contr. Orn. 1851, p. 88.

*Procnias (!) viridis*, Cab. in Tsch. F. P. p. 197.

*Chlorophonia viridis*, Bp. R. Z. 1851, p. 137; Note s. l. Tang. p. 12.

*Clare viridis: ciliis oculorum et dorso toto cæruleis: abdomine flavo.*



♀. *Clare viridis*; *cervice postica et uropygio cæruleis*: *abdomine flavescenti-viridi*.

Long. tota 4·5, alæ 2·5, caudæ 1·4.

*Hab.* S.E. Brazil (*Temm.*); S. João del Rey and Ypanema (*Natt.*); Eastern Peru (*Tsch.*).

*Mus.* Brit., Vindob.

## 2. CHLOROPHONIA LONGIPENNIS.

*Euphonia longipennis*, DuBus, Bull. Ac. Brux. xxii. p. 156 (1855).

*Clare viridis*: *cervice postica et dorso imo cum ciliis oculorum cæruleis, interscapulio eodem colore lavato*: *abdomine late flavo*.

♀. *Viridis*; *uropygio cærulescente*: *abdomine flavescenti-viridi*.

Long. tota 4·5, alæ 2·55, caudæ 1·2.

*Hab.* New Grenada, Bogota.

*Mus.* Dubusi, et P. L. S.

## 3. CHLOROPHONIA FRONTALIS.

*Chlorophonia frontalis*, Bp. MS.

*Euphonia frontalis*, Sclater, Contr. Orn. 1851, p. 89.

*Clare viridis*: *cervice postica et uropygio toto cum ciliis oculorum cæruleis*: *fronte et abdomine toto flavis*.

Long. tota 4·5, alæ 2·7, caudæ 1·5.

*Hab.* Venezuela, Caraccas (*Levraud*).

*Mus.* Berol., Paris., Heineano.

## 4. CHLOROPHONIA OCCIPITALIS.

*Euphonia occipitalis*, DuBus, Esq. Orn. pl. 14 (♀); Gray, Gen. App. p. 17; Bp. Consp. p. 233; Sclater, Contr. Orn. 1851, p. 90.

*Chlorophonia occipitalis*, Bp. R. Z. 1851, p. 138; Note s. l. Tang. p. 12; Cassin, Rep. U.S. Astr. Exp. ii. p. 182 pl. xx. fig. 2 (♂).

*Clare viridis*: *semitorque angusto postico et vertice summa cæruleis*: *vitta pectorali nigro-castanea*: *abdomine flavissimo, lateribus virescentibus*.

♀. *Viridis*, *macula verticali et semitorque minus conspicua cæruleis*: *abdomine flavo, lateribus virescentibus*.

Long. tota 5·5, alæ 2·8.

*Hab.* S. Mexico (*DuBus*).

*Mus.* Brit., Parisiensi.

## 5. CHLOROPHONIA PRETREI.

*Tanagra (Euphonia) pretrei*, Lafr. R. Z. 1843, p. 97; Mag. de Zool. 1842, Ois. pl. 42.

*Euphonia pretrei*, Gray, Gen. p. 367. sp. 19; Bp. Consp. p. 233; Sclater, Contr. Orn. 1851, p. 89.

*Chlorophonia pretrei*, Bp. R. Z. 1851, p. 138; Note s. l. Tang. p. 12.

*Euphonia pyrrhophrys*, Sclater, Contr. Orn. 1851, p. 89. pl. 75. fig. 2 (♀).

♂. *Clare viridis*: *pileo cæruleo*: *fronte angusta et linea super-*

*ciliari nigris: fascia uropygiali et abdomine flavissimis: hujus media parte cum crisso castaneis: torque pectorali angusto nigro.*  
 ♀. *Viridis: pileo cæruleo: fronte et superciliis castaneis: uropygio et abdomine flavicantibus.*

Long. tota 4·5, alæ 2·7, caudæ 1·6.

*Hab.* New Grenada, Bogota.

*Mus.* Brit., &c.

#### Genus XL. EUPHONIA.

*Euphonia*, Desm. H. N. des Tang. (1805).

*Cyanophonia*, Bp. R. Z. 1851, p. 138.

*Pyrrhuphonia*, Bp. Compt. Rend. xxi. p. 423 (1850).

*Ypophæa*, Bp. Ann. d. Sc. Nat. 1855.

“*Acroleptes*, Schiff.,” Bp. l. c.

*Iliolopha*, Bp. l. c.

*Rostrum breve, altum, dilatatum, culmine incurvo; gonyde ascendente; commissura ad apicem dentata et plerumque serrata: alæ longæ: remigibus 4 primis inter se fere æqualibus sed secunda et tertia plerumque paulo longioribus: cauda brevi quadrata: sexus dissimiles: ptilosis marium nigra et flava; feminarum olivacea.*

#### a. *Cyanophonia*.

##### 1. EUPHONIA MUSICA.

*L'Organiste*, Buff. H. N. iv. p. 290.

*L'Organiste de S. Dominge*, Buff. Pl. Enl. 809. fig. 1.

*Pipra musica*, Gm. S. N. 1004.

*Tanagra musica*, Vieill. Enc. Méth. p. 787.

*Euphonia cæruleocephala*, Sw. Class. ii. 286.

*Euphonia musica*, Gray, Gen. p. 367. sp. 1; Bp. Consp. p. 232; Sclater, Contr. Orn. 1851, p. 82.

*Euphone musica*, Lembeye, Aves de Cuba, p. 42.

*Supra nitenti-nigra: pileo cæruleo: fronte aurea, postice nigro-marginata: uropygio et abdomine toto fulvo-aurantiis, gula nigra.*

Long. tota 4·4, alæ 2·5, caudæ 1·5.

*Hab.* S. Domingo (*Buff.*, *Sallé*); Cuba (*Lembeye*).

*Mus.* Brit.

##### 2. EUPHONIA FLAVIFRONS.

*Tanagra flavifrons*, Lath. Ind. Orn. Suppl. p. 47 (♀); Vieill. Enc. Méth. p. 775.

*Emberiza flavifrons*, Sparm. Mus. Carls. iv. no. 92 (♀).

*Euphone organiste*, Desm. Tan. pl. 19 ♂, 20 ♀ Vieill. Gal. Ois. Suppl. pl. s. n. (♂ et ♀).

*Cyanophonia musica*, Bp. R. Z. 1851, p. 138; Note s. l. Tang. p. 12.

*Euphonia sclateri*, Bp. in Mus. Paris.

*Euphonia flavifrons*, Sclater, Tan. Cat. Sp. p. 13 et p. 16.

♂. *Supra nitenti-nigra* : pileo cæruleo : fronte aurea postice nigro marginata : uropygio et corpore subtus flavo-aurantiis.

♀. *Olivaceo-viridis* ; uropygio et corpore subtus flavescens : gula flavicante : fronte aurea postice angustissime nigro marginata.

Long. tota 4·2, alæ 2·4, caudæ 1·4.

*Hab.* Porto Rico (*Maugé*) ; Trinidad ; Cayenne ?

*Mus.* Parisiensi.

This is the species figured by Desmarest and Vieillot as the true *musica*, and considered by me in my Synopsis of this genus, given in the 'Contributions to Ornithology' for 1851, to be that bird in an immature state. But on an examination of Desmarest's types in the Paris Museum, I agree with Prince Bonaparte (who has done me the honour to call this species *E. sclateri*) that it is apparently distinct.

A specimen of the female of this bird in the Derby Museum at Liverpool bears the label "*Tanagra flavifrons*, Latham;" and as Latham's description and Sparman's figure agree sufficiently well with it, and this specimen is probably the type of Latham's description, I feel bound to employ the term *flavifrons* as the first-given appellation of this *Euphonia*.

### 3. EUPHONIA NIGRICOLLIS.

*Pipra cyanocephala*, Vieill. N. D. d'H. N. xix. p. 165 (♀) ?

*Tanagra nigricollis*, Vieill. N. D. d'H. N. xxxii. p. 412; Enc. Méth. p. 782.

*Lindo azul y oro*, Azar. Pax. i. p. 390 (unde),

*Tanagra aureata*, Vieill. Enc. Méth. p. 782.

*Tanagra chrysoogastra*, Cuv. Règn. An. i. p. 366.

*Euphonia nigricollis*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 30; Sclater, Contr. Orn. 1851, p. 83. pl. 75. fig. 1.

*Euphonia aureata*, d'Orb. Voy. p. 267; Gray, Gen. p. 367. sp. 9; Bp. Consp. p. 233.

*Cyanophonia aureata*, Bp. R. Z. 1851, p. 138; Note s. l. Tang. p. 13.

*Purpurascanti-nigra* : pileo cæruleo : fronte et gula nigris : uropygio et abdomine toto aureo-flavis.

♀. *Olivaceo-viridis*, subtus flavescens : pileo cæruleo : fronte castanea.

Long. tota 4·3, alæ 2·6, caudæ 1·5.

*Hab.* Trinidad ; Venezuela, Caraccas (*Levraud*) ; New Grenada, Bogota ; Western Ecuador, vic. of Quito (*Jameson*) ; Brazil, Rio (*P. Max.*) ; Paraguay (*Azara*) ; Rincon de Luna et Corrientes (*d'Orb.*).

*Mus.* Brit., Paris., &c.

### 4. EUPHONIA ELEGANTISSIMA.

*Pipra elegantissima*, Bp. P. Z. S. 1837, p. 112.

*Euphonia cælestis*, Less. R. Z. 1839, p. 42.

*Pipra galericulata*, Giraud, B. Texas, no. 10. pl. 5. fig. 2 (1840).  
*Euphonia elegantissima*, Gray, Gen. App. p. 17; Bp. Consp. p. 232; DuBus, Esq. Orn. pl. 8; Baird, in Stansbury's Exp. to Utah, p. 330; Sclater, Contr. Orn. 1851, p. 83.

*Euphonia tibicen*, Licht. in Mus. Berol.

*Purpurascenti-nigra*: pileo cæruleo: fronte saturate castanea postice nigro marginata: gula nigra: abdomine flavescente-fulvo.

♀. Olivaceo-viridis, subtus flavescens: pileo cæruleo: fronte castanea, nigrescente postice marginata.

Long. tota 4·3, alæ 2·6, caudæ 1·6.

Hab. Guatimala (Bp.); S. Mexico, Oaxaca (DuBus), Xalapa (Mus. Berol.), Cordova (Sallé); Texas (Giraud and Baird).

Mus. Brit., Berolin., &c.

b. *Euphonia*.

5. EUPHONIA CHLOROTICA.

*Tang. cayennensis nigro-lutea*, Briss. Orn. iii. 34.

*Tang. de Cayenne*, Buff. Pl. Enl. 114. fig. 1.

*Tanagra chlorotica*, Linn. S. N. i. 317; Vieill. Enc. Méth. p. 782.

*Tanagra violacea*, var. β. *chlorotica*, Gm. S. N. i. 890.

*Euphonia chlorotique*, Desm. Tan. pl. 24, 25.

*Euphonia chlorotica*, Licht. Verz. Doubl. p. 29; Gray, Gen. p. 367. sp. 5; Bp. Consp. p. 232; Sund. Vet. Ac. Sv. 1833, pl. 10. figs. 2 & 3; Sclater, Cont. Orn. 1851, p. 84; Bp. R. Z. 1851, p. 136, et Note s. l. Tang. p. 10.

*Golden Tanager*, var. α, Lath. G. II. vi. p. 28.

♂. *Atror-nitens*; capite, gutture et dorso superiore violaceo-purpurascens: pilei dimidio antico usque ad angulum oculi extremum et abdomine toto aureis: macula magna ovali in pogonio interno rectricum duarum utrinque extimarum et alis subtus albis.

♀. *Olivascens*: alis caudaque intus fuscis: subtus flavescens.

Long. tota 3·4, alæ 2·1, caudæ 1·2.

Hab. Cayenne.

Mus. Brit.

In this *Euphonia* the lores and nasal feathers are black, and the yellow on the head reaches up to a straight line between the farther corners of the eyes.

6. EUPHONIA SERRIROSTRIS.

*Euphonia serrirostris*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 30; d'Orb. Voy. p. 267. pl. 23. fig. 2; Gray, Gen. p. 367; Bp. Consp. p. 233; Sclater, Contr. Orn. 1851, p. 90 (♀).

*Euphonia chlorotica*, Tsch. Av. Consp. in Wieg. Arch. 1844, p. 284, et F. P. p. 197?

*Similis E. chloroticæ ex Cayenna, sed forsân distincta: major: nucha intensius violacea et rostro magis serrato: hujus basi quoque albescente.*

Long. tota 4·4, alæ 2·25, caudæ 1·5.

♀. (*E. SERRIROSTRIS*, Lafr. et d'Orb.!) *Supra flavo-olivacea: subtus flavescens: pectore et ventre mediis cinerascens.*

*Hab.* Bolivia, Guarayos (*d'Orb.*); Eastern Peru (*Tsch.*)?

*Mus.* Lafresnayano, Brit.

The *Euphonia serrirostris* figured by d'Orbigny seems to be nothing more than the female of a species very closely allied to the *Euphonia chlorotica*. As however I think it possibly distinct from the *E. chlorotica* of Cayenne, MM. Lafresnaye and d'Orbigny's name can be retained for the Bolivian bird, until further examination of a series of specimens can be made—by which means only the question of their identity can be determined.

#### 7. EUPHONIA TRINITATIS.

*Euphonia trinitatis*, Strickl. Cont. Orn. 1851, p. 72; Selater, Cont. Orn. 1851, p. 84.

♂. *Atro-nitens sed magis viridescens quam E. chlorotica: capite et gutture purpureo tinctis: fronte angusta nigra: pileo supero toto postice rotundato et abdomine aureis: macula magna ovali in pogonio interno rectricum duarum utrinque extimarum et alis subtus albis.*

♀. *Supra olivascens: subtus flava.*

Long. tota 3·9, alæ 2·2, caudæ 1·3.

*Hab.* Trinidad.

*Mus.* P. L. S.

I have seen a good many examples of this Trinidad species, which appears correctly separable from the Cayenne bird.

#### 8. EUPHONIA AFFINIS.

*Tanagra (Euphonia) affinis*, Less. R. Z. 1842, p. 175.

*Euphonia affinis*, Gray, Gen. p. 367. sp. 20; Bp. Consp. p. 233.

♂. *Atro-nitens: capite et gutture purpureo tinctis: fronte angusta nigra: pilei dimidio antico usque ad angulum oculorum extremum et abdomine toto limonaceo-flavis: macula magna in pogonio externo rectricum duarum utrinque extimarum et alis subtus albis.*

. *Supra olivascens, pileo postico et dorso superiore cinereo tinctis: subtus flavescens, abdomine medio clariore.*

Long. tota 3·0, alæ 2·1, caudæ 1·3.

*Hab.* S. Mexico, Orizaba (*Botteri*); Guatemala; Realejo, Central America (*Less.*).

*Mus.* P. L. S.

In the amount of yellow on the head, and general appearance, this species comes very near the true *chlorotica*. But it may be recognized by the paler tinge of the yellow and the absence of the violaceous colouring upon the back.

#### 9. EUPHONIA MINUTA.

*Euphonia olivacea*, Desm. Tan. pl. 27; Gray, Gen. p. 367. sp. 2; Bp. Consp. p. 232 (♀)?

*Tanagra olivacea*, Vieill. Enc. Méth. p. 782.



*Euphonia minuta*, Cab. in Schomb. Reise, iii. p. 671; Selater, Tan. Cat. Sp. p. 14 (♀).

*Euphonia strictifrons*, Strickl. Contr. Orn. 1851, p. 72; Selater, Contr. Orn. 1851, p. 84.

*Euphonia pumila*, Bp. R. Z. 1851, p. 136; Note s. l. Tang. p. 10.

*Euphonia leucopyga*, Natt. in Mus. Vindob.

*Atro-nitens*; dorso viridescentiore, capite et gutture purpurascen-  
tioribus: fronte lata et abdomine aureis: crisso, tibiis et rectri-  
cum trium utrinque extimarum pogonio interno fere toto cum  
tectricibus alarum inferioribus albis.

♀. *Supra olivacea*: subtus flavescens, abdomine medio grisescente.

Long. tota 3·4, alæ 1·9, caudæ 1·0.

*Hab.* Cayenne; Brit. Guiana (*Schomb.*); Barra do Rio Negro  
(*Natt.*); New Grenada, Bogota.

*Mus.* Brit., Vindob.

This species is very easily distinguished among its close affines by the narrow yellow head-band and white crissum.

I have seen the type of Cabanis' *E. minuta*, and have no doubt it is the female of this bird, the male of which was afterwards named by Prince Bonaparte and Mr. Strickland almost simultaneously.

I have little doubt that Desmarest's *Euphonia olivacea* is also the female of this bird, but the name is hardly sufficiently applicable to warrant its adoption.

#### 10. EUPHONIA CONCINNA.

*Euphonia concinna*, Selater, P. Z. S. 1854, p. 98. pl. 85. fig. 2, et 1855, p. 159; Tan. Cat. Sp. App. p. 16.

*Euphonia hirundinacea*, Bp. R. Z. 1851, p. 156; Note s. l. Tang. p. 10?

*Supra nigro-violacea*: vertice summa flava, fronte et linea supra  
oculos nigris: gutture violaceo-nigro: abdomine aurantiaco:  
cauda subtus immaculate nigra.

Long. tota 3·8, alæ 2·2, caudæ 1·4.

*Hab.* New Grenada, Bogota.

*Mus.* P. L. S.

#### 11. EUPHONIA XANTHOGAстра.

*Euphonia xanthogastra*, Sund. Vet. Ac. Handl. 1833, pl. 10. fig. 1; Gray, Gen. p. 367. sp. 22; Bp. Consp. p. 233; Selater, Contr. Orn. 1851, p. 85; P. Z. S. 1854, p. 115, et 1855, p. 159.

*Euphonia brevirostris*, Bp. R. Z. 1851, p. 156, et Note s. l. Tang. p. 10.

*Nitens-cærulescenti-nigra*, cervice postica violacea: gutture nigro:  
pileo supero toto postice rotundato cum fronte et narium plumis et  
abdomine aurantiaco-flavis: macula in rectricis unæ utrinque ex-  
time pogonio interno et tectricibus subalaribus albis.

Long. tota 4·0, alæ 2·4, caudæ 1·3.

*Hab.* Southern Brazil; Ecuador, prov. Quixos; New Grenada,  
Bogota.

*Mus.* Brit.

L 2

I can find no difference between the Brazilian bird and the Bogota specimens (*E. brevirostris*) sufficient to warrant their separation.

## 12. EUPHONIA RUFICEPS.

*Euphonia ruficeps*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 30; d'Orb. Voy. p. 268. pl. 22. fig. 2; Gray, Gen. p. 367. sp. 18; Bp. Consp. p. 232; R. Z. 1851, p. 136; Note s. l. Tang. p. 10; Sclater, Contr. Orn. 1851, p. 85.

*Nitenti-cærulescenti-niger, cervice postica intense violacea: gutture nigro: pileo summo cum fronte castaneis: abdomine aureo medialiter aurantiaco: macula in pogonio externo reatricis una utrinque extima et tectricibus subalaribus albis.*

Long. tota 4.0, alæ 2.4, caudæ 1.2.

*Hab.* Bolivia, Yuracares (d'Orb.); Venezuela, Caraccas (Levraud).

*Mus.* Parisiensi, Lafresnayano, Derbiano.

A bird in the collection lately transmitted to the Paris Museum by M. Levraud from Caraccas, differs from the true Bolivian *ruficeps* only in having rather more chestnut colouring on the head, and that of a lighter and more orange-coloured tinge. I should be unwilling to separate it specifically without seeing more specimens.

## 13. EUPHONIA FULVICRISSA, sp. nov.

*Supra nitenti-æneo-nigra, pileo postice rotundato flavo: gutture toto cum cervice versus ventrem in semicirculum terminata æneo-nigris: abdomine aureo, medialiter aurantiaco: crisso fulvo: reatricis una utrinque extima macula in pogonio externo et tectricibus subalaribus albis; his flavescente tinctis.*

Long. tota 3.7, alæ 2.0, caudæ 1.2.

*Hab.* S. Martha in New Grenada.

I possess a single specimen of this *Euphonia* which was received by MM. Verreaux from their collector at S. Martha. It appears to me to constitute a new species of this genus, distinguished by the way in which the black throat is produced towards the breast and rounded at its termination, and the peculiar colour of the crissum.

## 14. EUPHONIA CHALYBEA.

*Tanagra chalybea*, Mikan, Faun. et Flor. Bras. pl. 3. fig. 1 ♂, 2 ♀.

*Euphone ænea*, Sund. Vet. Ac. Sv. 1834, p. 309. pl. 11. fig. 4; Less. Descr. d. Mamm. et Ois. p. 348.

*Euphonia ænea*, Gray, Gen. p. 367. sp. 21; Bp. Consp. p. 233; R. Z. 1851, p. 136; Note s. l. Tang. p. 11.

*Euphonia pardalates*, Less. Echo d. M. S. 1844.

*Euphonia chalybea*, Sclater, Contr. Orn. 1851, p. 85.

"*Euphonia pyrrhuloides*, Natt.," Gray, Gen. App. p. 16.

*Euphonia chloritica*, Licht. in Mus. Berol.

*Corpore supero cum gula summa intense æneis: vitta frontali et abdomine toto flavis, rostro crasso.*

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 ♀. *Olivacea* : *subtus grisea, lateribus et ventre imo crissoque flavescenti-olivaceis.*

Long. tota 5·0, alæ 2·6, caudæ 1·6.

*Hab.* Southern Brazil, Rio Grande do Sul (*Plant*).

*Mus.* Brit., Paris.

#### 15. EUPHONIA VIOLACEA.

*Tang. brasiliensis nigro-lutea*, Briss. Orn. iii. p. 31.

*Tanagra violacea*, Linn. S. N. p. 315 ; Vieill. Enc. Méth. p. 783 ; Max. Beitr. iii. p. 441.

*Tang. de Brésil*, Buff. Pl. Enl. 114. fig. 2.

*Le Teité*, Buff. H. N. iv. 295 (partim).

*Euphonia violacea*, Gray, Gen. p. 267. sp. 3 ; Schomb. Reise, iii. 671 ; Bp. Consp. p. 232 ; Sclater, Contr. Orn. 1851, p. 86 ; Bp. R. Z. 1851, p. 136 ; Note s. l. Tang. p. 10.

*Euphone teité*, Desm. Tan. pl. 21. 22. 23 (?).

*Golden Tanager*, Lath. G. H. vi. 27.

*Nitenti-cæruleo-nigra* ; *cervice postica violaceo tincta* : *fronte tota et pileo antico a mediis oculis cum corpore subtus aureis* ; *rect. 2 aut 3 extimis in pogonio interno albo maculatis.*

♀. *Olivacea, subtus dilutior, medialiter flavescens.*

Long. tota 4·0, alæ 2·3, caudæ 1·3.

*Hab.* Trinidad ; Cayenne ; Brit. Guiana (*Schomb.*) ; South-eastern Brazil (*P. Max.*) ; Southern Brazil.

*Mus.* Brit., &c.

#### 16. EUPHONIA LANIROSTRIS.

*Euphonia lanirostris*, Lafr. et d'Orb. Syn. Av. in Mag. de Zool. 1837, p. 30 ; d'Orb. Voy. p. 266. pl. 23. fig. 1 ; Gray, Gen. p. 367. sp. 17 ; Bp. Consp. p. 223 ; Rev. Zool. 1851, p. 136 ; Note s. l. Tang. p. 10.

*Major* : *nigro-violaceo-nitens* : *pileo summo postice rotundato et corpore subtus aureo-flavis* : *rostrum maximo, crassissimo.*

♀. *Viridescenti-olivacea, uropygio flavescentiore* : *subtus flavescenti-viridescens.*

*Hab.* Bolivia, prov. Yungas Guarayos and S. Cruz de la Sierra (*d'Orb.*).

*Mus.* Parisiensi, Lafresnayano.

#### 17. EUPHONIA CRASSIROSTRIS, sp. nov.

*Euphonia fortirostris*, Lafr. in Mus. suo ?

*Nitenti-cæruleo-nigra, nucha vix violaceo tincta* : *pileo summo postice rotundato flavo* : *linea angusta supra oculos et narium plumis nigris* : *subtus læte flava* : *rectricum duarum utrinque extimarum macula longa in pogonio interno et tectricibus subalaribus albis* : *rostrum forti, crasso.*

♀. *Olivacea, subtus flava, lateribus olivascentibus.*

Long. tota 4·1, alæ 2·6, caudæ 1·6.

*Hab.* New Grenada, Bogota.

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I had formerly thought this Bogota bird might be the same as the Central American *E. hirundinacea*, but I have lately obtained other specimens, and find that such is not the case. The upper colouring of this bird is not of the peculiar green shade which exists in the true *hirundinacea*, and the yellow head, instead of being confined to the frontal half and terminated by a straight line, extends further back and is posteriorly rounded. The bill of this bird is also thicker, broader and stronger, and shows more approach to the true Bolivian *lanirostris*.

I am not now certain whether it is this species or the *hirundinacea* to which the Baron de la Fresnaye has given the MS. name *fortirostris*.

#### 18. EUPHONIA HIRUNDINACEA.

*Euphonia hirundinacea*, Bp. P. Z. S. 1837, p. 117; Gray, Gen. p. 367. sp. 4; Bp. Consp. p. 232; Selater, P. Z. S. 1854, p. 98. pl. 85. fig. 1 (*fig. mala*).

*Euphonia lanirostris*, Selater, Contr. Orn. 1851, p. 86.

*Viridescenti-aeneo-nigra, cervice postica caerulecentiore: pileo a fronte ad initium oculorum et corpore subtus flavis, macula in ventre imo alba: rectricum duarum utrinque extimarum macula oblonga in pogonio interno et tectricibus subalaribus albis.*

Long. tota 4·2, alæ 2·5, caudæ 1·3.

*Hab.* Guatimala (*Bp. et Constancia*); S. Mexico, Cordova (*Sallé*).

I had not very good specimens of this bird when I described it in P. Z. S. for 1854, and the figure there given would suit better my *Euphonia crassirostris*. M. Sallé, however, has lately brought some beautifully prepared skins from Southern Mexico, which have enabled me to determine the species more satisfactorily.

I have seen specimens in which the white belly-spot, which is perhaps produced by abrasion of the feathers in the most adult birds, was scarcely apparent.

#### 19. EUPHONIA MELANURA.

*Euphonia melanura*, Selater, Contr. Orn. 1851, p. 86; P. Z. S. 1855, p. 159.

*Nitenti-violaceo-nigra: pileo summo cum fronte et corpore subtus aureis: rectricibus immaculate nigris.*

Long. tota 4·0, alæ 2·3, caudæ 1·3.

*Hab.* Barra do Rio Negro (*Wallace*); New Grenada, Bogota?

The Bogota birds have the bill rather stronger and the yellow on the head more extended than the specimens from the Amazons.

#### c. *Iliolopha*.

#### 20. EUPHONIA CAYANA.

*Tang. cayanensis nigra*, Briss. Orn. iii. 219.

*Tang. de Cayenne*, Buff. Pl. Enl. 114. fig. 3.

*Tang. nègre*, Buff. H. N. iv. 297.

*Tanagra cayana*, Linn. S. N. i. p. 14.

*Tanagra cayennensis*, Gm. S. N. ii. 894.

*Euphonia cayennensis*, Gray, Gen. p. 367. sp. 6; Schomb. Reise, iii. 671.

*Euphonia cayana*, Bp. Consp. p. 233; R. Z. 1851, p. 135; Note s. l. Tang. p. 10; Sclater, Contr. Orn. 1851, p. 88.

*Euphone négre*, Desm. Tan. pl. 26.

*Atro-violaceo-nitens*: *macula magna utrinque pectorali late flava*.

Long. tota 4·0, alæ 2·5, caudæ 1·3.

*Hab.* Cayenne; Brit. Guiana (*Schomb.*); Lower Amazon (*Wal-lace*).

#### 21. EUPHONIA RUFIVENTRIS.

*Tanagra rufiventris*, Vieill. N. D. d'H. N. xxxii. p. 426; Enc. Méth. p. 781; Gal. Ois. Supp. pl. 24.

*Euphonia rufiventris*, Gray, Gen. p. 367. sp. 12; Bp. Consp. p. 233; R. Z. 1851, p. 135; Note s. l. Tang. p. 10; Sclater, Contr. Orn. 1851, p. 87; Cassin, Rep. U.S. Astr. Exp. ii. p. 182. pl. xx. fig. 1.

*Euphonia bicolor*, Strickl. Contr. Orn. 1850, p. 48. pl. 49. fig. 2.

"*Tanagra chrysogaster*, Cuv.," Less. Tr. d'Orn. p. 461.

*Atro-nitens*: *abdomine toto rubrescenti-aurantio, lateraliter flavescentiore*.

♀. *Olivaceo-viridis*; *subtus medialiter cinerea, lateraliter flavescenti-olivacea*.

Long. tota 4·5, alæ 2·4, caudæ 1·4.

*Hab.* Eastern Peru, prov. Maynas (*Pöppig*); r. Ucayali (*Haw-well*); Rio Negro, Barcellos et S. Carlos (*Natterer*).

*Mus.* Brit., Derbiano, Vindob. et Lipsiensi.

#### 22. EUPHONIA PECTORALIS.

*Pipra pectoralis*, Lath. Ind. Orn. Supp. p. 57.

*Euphonia castaneiventris*, Vieill. Gal. Ois. Supp. pl.

*Tanagra rufiventris*, Licht. Doubl. p. 30; Max. Beitr. iii. 447.

*Tanagra chlorocyanea*, Vieill. N. D. d'H. N. xxxii. p. 427; Puch. Arch. Mus. vii. p. 355.

*Euphonia pectoralis*, Gray, Gen. p. 367. sp. 7; Bp. Consp. p. 233; R. Z. 1851, p. 135; Note s. l. Tang. p. 10; Sclater, Cont. Orn. 1851, p. 87.

*Euphonia umbilicalis*, Less. Tr. d'Orn. p. (♀); Bp. Consp. p. 233; R. Z. 1851, p. 400, et Note s. l. Tang. p. 11.

*Atro-violaceo-nitens*: *plaga utrinque pectorali flava: ventre toto saturate castaneo: tectricibus subalaribus albis*.

♀. *Olivacea: pileo postico griseo: subtus flavo-olivacea: pectore et cervice cinereis: crisso castaneo*.

Long. tota 4·0, alæ 2·5, caudæ 1·5.

*Hab.* S.E. Brazil (*Max.*); Goyaz (*Cast. et Dev.*).

*Mus.* Brit., Parisiensi.



d. *Pyrrhuphonia*.

## 23. EUPHONIA JAMAICENSIS.

*Fringilla jamaicensis*, Briss. Orn. iii. 166.

*Grey Grosbeak*, Brown, Illustr. pl. 26.

*Fringilla jamaica*, Linn. S. N. i. p. 323.

*Euphonia jamaica*, Gray, Gen. App. p. 17; Gosse, B. Jam. p. 238; Ill. Orn. Jam. pl. 59 ♂ et ♀; Bp. Consp. p. 233; Selater, Contr. Orn. 1851, p. 91.

*Pyrrhuphonia jamaica*, Bp. R. Z. 1851, p. 157; Note s. l. Tang. p. 11.

*Euphonia cinerea*, Lafr. R. Z. 1846, p. 277; Bp. Consp. p. 235; Gray, Gen. App. p. 17.

*Banana Finch*, Lath. G. H. vi. 125.

*Cærulescenti-grisea*: *subtus dilutior, ventre flavo, crisso albido.*

♀. *Mari similis, sed uropygio virescente, ventre non flavo.*

Long. tota 4·3, alæ 2·5, caudæ 1·5.

*Hab.* Jamaica (*Gosse*).

*Mus.* Brit.

## 24. EUPHONIA PLUMBEA.

*Euphonia poliocephala*, Natt. in Mus. Vindob.

*Euphonia plumbea*, DuBus, Bull. Acad. Brux. xxii. p. 156.

*Griseo-plumbea, viridi micans*: *ventre et crisso flavissimis.*

♀. *Grisea, olivaceo tincta*: *gula grisea*: *ventre flavescentiore*: *crassitie E. minutæ.*

*Hab.* Rio Negro (*Natt.*).

*Mus.* Vindob.

There are specimens of both sexes of this somewhat abnormally coloured *Euphonia* in the Vienna Museum, collected by Natterer on the Rio Negro, and numbered 967 in his collection.



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## GENERUM TANAGRINORUM

### DISTRIBUTIONIS GEOGRAPHICÆ

#### SCHEMA.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	Total number of species.
	North America.	Mexico and Central America.	Antilles.	New Grenada (Bogota).	Transandean Ecuador (Quito).	Eastern Peru.	Western Littoral of Peru.	Littoral of Bolivia.	Paraguay, Uruguay & S. Brazil.	Littoral of Brazil.	Guiana and Cayenne.	Venezuela and Littoral of New Grenada.	Trinidad.	
1. Pitylus.....	...	2	...	1	...	1	...	...	1	2	3	...	...	7
2. Orchesticus.....	...	...	...	1	...	1	...	1	...	3	1	1	1	3
3. Schistochlamys ..	...	...	...	...	...	1	...	...	...	1	...	...	...	2
4. Saltator .....	...	3	2	3	...	2	...	5	6	4	2	2	3	21
5. Psittospiza .....	...	...	...	1	1	1	...	...	...	...	...	...	...	1
6. Lamprospiza .....	...	...	...	...	...	...	...	...	...	...	1	...	...	1
7. Cissopis .....	...	...	...	1	...	1	...	1	1	1	1	...	...	3
8. Oreothraupis .....	...	...	...	...	1	...	...	...	...	...	...	...	...	1
9. Arremon .....	1	...	2	1	1	1	...	1	2	3	1	1	...	12
10. Phœnicophilus ..	...	1	...	...	...	...	...	...	...	...	...	...	...	1
11. Buarremon .....	3	...	6	2	2	2	...	3	...	...	1	3	...	17
12. Chlorospingus.....	2	...	11	...	...	...	...	1	...	...	...	1	1	15
13. Pyrrhocoma .....	...	...	...	...	...	...	...	1	...	...	...	1	1	1
14. Nemosia .....	...	...	2	...	3	...	3	2	4	3	2	1	1	11
15. Cypsnagra .....	...	...	...	...	...	...	1	...	1	...	...	...	...	1
16. Tachyphonus .....	...	...	5	...	4	...	1	2	2	3	2	2	2	10
17. Trichothraupis ..	...	...	...	...	...	...	...	1	1	1	...	...	...	1
18. Eucometis .....	...	...	...	...	...	...	1	...	...	...	1	1	...	3
19. Lanio .....	1	...	1	...	...	...	1	...	...	1	...	...	...	3
20. Phœnicothraupis..	1	...	1	...	...	...	1	1	1	1	...	1	1	4
21. Lamprotes .....	...	...	1	...	...	...	...	...	1	...	...	...	...	2
22. Orthogonyx .....	...	...	...	...	...	...	...	...	1	1	...	...	...	2
23. Pyrrhocolaptes ..	3	7	2	4	...	2	...	1	1	1	1	2	1	10
24. Ramphocelus .....	4	...	5	...	3	...	1	...	3	1	2	1	1	16
25. Spindalis .....	...	3	...	...	...	...	...	...	...	...	...	...	...	3
26. Tanagra .....	2	...	4	1	3	2	4	2	4	3	3	2	2	13
27. Dubusia .....	...	...	1	1	...	...	...	...	...	...	...	...	...	2
28. Compsocoma .....	...	...	1	2	1	...	1	...	...	...	...	...	...	4
29. Buthraupis .....	...	...	2	2	...	...	1	...	...	...	...	...	...	4
30. Pœcilothraupis ..	...	...	2	1	...	1	1	...	...	...	...	...	...	3
31. Iridornis .....	...	...	1	1	...	1	...	...	...	...	...	...	...	3
32. Calliste .....	3	...	17	6	12	...	7	3	9	7	8	3	51	1
33. Diva .....	...	...	1	...	...	...	...	...	...	...	...	...	...	1
34. Pipridea .....	...	...	...	...	...	...	1	1	1	...	1	...	...	3
35. Chlorochrysa .....	...	...	1	2	1	...	...	...	...	...	...	...	...	2
36. Tanagrella .....	...	...	1	...	1	...	...	...	1	1	1	...	...	4
37. Glossiptila .....	...	1	...	...	...	...	...	...	...	...	...	...	...	1
38. Chlorophonia .....	1	...	2	...	1	...	...	...	1	...	1	...	...	5
39. Euphonia .....	3	3	6	1	4	...	3	1	4	5	3	3	3	24
40. Stephanophorus ...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
	3	33	12	84	22	45	4	40	25	50	37	35	19	272

PLAN ROZWIĄZANIA

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