

Skeleton imperfectly ossified, the bones flexible, so that the whole body is limp and destitute of firmness.

The two genera may be thus compared:

- * Head and body naked, covered with rather thick tough skin; lateral line and fin rays beset with spinules. Dorsal and anal rather high, the body at their bases closely compressed. Dorsal rays, 50 to 55; anal rays, 35 to 40; ventrals rather long, I, 4 ICOSTEUS.
- ** Head partly and the body wholly covered with small scales. Lateral line and fins rays smooth. Dorsal and anal fins low, their bases little compressed. Dorsal rays, 35 to 40; anal rays, 25 to 30; ventrals short, I, 5..... ICICHTHYS.

SAN FRANCISCO, CAL., *March 12, 1880.*

CATALOGUE OF TROCHILIDÆ IN THE COLLECTION OF THE UNITED STATES NATIONAL MUSEUM.

By ROBERT RIDGWAY.

The following catalogue enumerates all the species of Humming Birds which are contained in the collection of the National Museum, with the localities represented, the latter being in many cases additional to those given in standard text-books relating to this family of birds. The chief aim of the list is to show what species are wanted to complete the collection, and exchanges to this end are respectfully solicited. Many of the species of the list are represented by an incomplete series of specimens, often by a single skin only, and of these additional specimens are desirable, especially if from a locality not mentioned in the list. Such species are indicated by an asterisk prefixed to the name.

The names¹ and numbers correspond with those of Elliot's "List of Described Species of Humming Birds," published by the Smithsonian Institution.²

- * 1. *Eutoxeres aquila* (Bourc.) Reich.
Veragua.
4. *Rhamphodon nævius* (Dumont) Reich.
Brazil.
6. *Glaucis hirsuta* (Gmel.) Boie.
Costa Rica; Trinidad; Grenada, W. I.; E. Peru (Pebas); Panama; "Brazil".
- * 10. *Glaucis cervinicauda* (Gould) Salv. & Elliot.
E. Ecuador (Rio Napo); Brazil?
11. *Glaucis ruckeri* (Bourc.) Gould.
Panama; Costa Rica.³

¹A few names are here changed in consequence of recent emendations.

²List of Described Species of Humming Birds. By Daniel Giraud Elliot. Reprinted from a Synopsis of the Trochilidæ in the Smithsonian Contributions to Knowledge, Washington: Smithsonian Institution, 1879. (Smithsonian Miscellaneous Collections, No. 334.)

³Including the type of *G. anca* Lawr.

- * 13. *Phæoptila sordida* Gould.
S. Mexico (Oaxaca).
- * 16. *Phæthornis yaruqui* (Bourc.) Gould.
Ecuador.
18. *Phæthornis emiliæ* (Bourc.) Bonap.
Costa Rica; Colombia.
- * 19. *Phæthornis augusti* (Bourc.) Bonap.
Venezuela.
- * 20. *Phæthornis pretzii* Less.
Brazil.
- * 21. *Phæthornis superciliosus* (Linn.) Swains.
Bahia.
22. *Phæthornis longirostris* (Less.) Caban. & Hein.
Mexico; Guatemala; Colombia (Turbo);¹ Panama; E. Peru (Pebas);²
Chiriqui.
- * 23. *Phæthornis hispidus* (Gould) Gray.
E. Ecuador (Rio Napo).
- * 24. *Phæthornis syrmatophorus* Gould.
Quito.
- * 25. *Phæthornis anthophilus* (Bourc.) Gray & Mitch.
"Bogota".
- * 26. *Phæthornis euryncme* (Less.) Gray.
Brazil.
- * 27. *Phæthornis squalidus* (Temm.) Bonap.
Southern Brazil; Rio Negro.
- * 28. *Phæthornis longuemareus* (Less.) Gray.
Trinidad; "Brazil".
29. *Phæthornis adolphi* Gould.
Guatemala; Costa Rica; Panama; New Grenada (Turbo).
- * 30. *Phæthornis griseigularis* Gould.
Colombia.
- * 31. *Phæthornis striigularis* Gould.
Colombia.
36. *Eupetomena macroura* (Gmel.) Bonap.
Brazil (Bahia).
- * 37. *Eupetomena hirundo* Gould.
Bolivia.
38. *Sphenoproctus pampa* (Less.) Gould.
Guatemala.
- * 39. *Sphenoproctus curvipennis* (Licht.) Gould.
E. Mexico (Mirador).

¹Types of *P. cassini* Lawr.

²A specimen (No. 55374) from Pebas, labeled in Mr. Lawrence's handwriting "*P. moorei* Lawr.," is not distinguishable from northern specimens of *P. longirostris*. It does not, however, agree with Mr. Lawrence's description of *P. moorei*, so that Mr. Elliot may be right in referring the latter to *P. superciliosus*.

- * 40. *Campylopterus largipennis* (Bodd.) Cab. & Hein.
Cayenne.
- * 42. *Campylopterus rufus* Less.
Guatemala (Dueñas; Guatemala City).
- * 41. *Campylopterus obscurus* Gould.
E. Peru (Pebas).
44. *Campylopterus lazulus* (Bonnatt.) Bonap.
Colombia; W. Peru.
45. *Campylopterus hemileucurus* (Licht.) Cab. & Hein.
E. Mexico (Jalapa); Honduras; Veragua; Guatemala; Costa Rica.
- * 46. *Campylopterus ensipennis* (Swains.) Less.
Tobago.
- * 47. *Campylopterus villavicencio* (Boure.) Gould.
Rio Napo.
- * 50. *Campylopterus roberti* (Salvin) Gould.
Guatemala (Choctum, Vera Paz).
- * 52. *Aphantochroa cirrochloris* (Vieill.) Gould.
Brazil.
54. *Cæligena clemenciæ* Less.
E. Mexico (Mirador).
- * 55. *Cæligena henrici* (Less.) Cab. & Hein.
Guatemala.
56. *Cæligena viridipallens* Bourc. & Muls.
Guatemala (Coban, Vera Paz; Guatemala City); "Mexico".
- * 57. *Cæligena hemileuca* (Salvin) Elliot.
Costa Rica.
58. *Lamprolæma rhami* (Less.) Reich.
E. Mexico (Orizaba and Mirador); Guatemala (Guatemala City).
59. *Oreopyra calolæma* Salvin.
Costa Rica.
- * 60. *Oreopyra leucaspis* Gould.
Chiriqui.
52. *Oreotrochilus pichincha* (Boure. & Muls.) Bp.
Pichincha.
- * 63. *Oreotrochilus chimborazo* (Delattr.) Gould.
Chimborazo.
- * 64. *Oreotrochilus estellæ* (D'Orb. & Lafr.) Gould.
Bolivia (La Paz).
- * 65. *Oreotrochilus leucopleurus* Gould.
Chili (Valle del Yero).
68. *Lampornis violicauda* (Bodd.) Elliot.
"Florida";¹ Brazil (Bahia); Guiana; Venezuela; Panama; Colombia (Bogota and Cartagena); E. Peru (Pebas); Trinidad; Demerara.

¹Types of Audubon's works.

69. *Lampornis mango* (Linn.) Gosse.
Jamaica.
70. *Lampornis prevosti* (Less.) Gould.
Mexico (Tehuantepec).
71. *Lampornis viridis* (Aud. & Vieill.) Gould.
Porto Rico.
- * 73. *Lampornis gramineus* (Gmel.) Gould.
Guiana.
75. *Lampornis dominicus* (Linn.) Elliot.
St. Thomas; Haiti; Porto Rico.
76. *Eulampis holosericeus* (Linn.) Gould.
St. Thomas; Martinique; Dominica; Antigua; Guadeloupe; St. Vincent; Grenada; Barbuda; Tobago; St. Bartholomew, and Barbadoes.
77. *Eulampis jugularis* (Linn.) Gould.
Martinique; Dominica; Guadeloupe, and St. Vincent.
78. *Lafresnaya flavicaudata* (Fraser) Bonap.
Colombia (Bogota and Popayan).
- * 79. *Lafresnaya gayi* (Bourc. & Muls.) Bp.
Ecuador (Quito).
80. *Chalybura buffoni* (Less.) Reich.
Venezuela (Laguayra); Colombia; Panama.
- * 82. *Chalybura isauræ* (Gould) Salv.
Veragua; Costa Rica.
83. *Chalybura melanorrhœa* Salvin.
Costa Rica.
- * 84. *Chalybura cæruleiventris* (Reich.) Cab. & Hein.
Colombia (Bogota).
85. *Florisuga mellivora* (Linn.) Bonap.
Guatemala; Bogota; E. Peru; Tobago; Guiana (Demerara); Ecuador (Quito); Tres Marias, W. Mexico! [?]
86. *Florisuga fusca* (Vieill.) Reich.
Brazil (Bahia).
87. *Petasophora anais* (Less.) Gould.
Colombia; Ecuador (Quito and Puna I.); Bolivia (La Paz).
88. *Petasophora thalassina* (Swains.) Gould.
Mexico (Jalapa and Tres Marias); Guatemala (V. de Fuego, 5,000 ft., and Guatamala City).
89. *Petasophora cyanotis* (Bourc.) Gould.
Costa Rica; Veragua; Colombia.
- * 92. *Petasophora serrirostris* (Vieill.) Bonap.
Brazil.
93. *Petasophora delphinæ* (Less.) Bonap.
Trinidad; Colombia; Guatemala (Coban, Vera Paz).
- * 94. *Panoplites jardini* (Bourc.) Gould.
Ecuador (Quito).

95. *Panoplites flavescens* (Lodd.) Gould.
Colombia (Bogota).
- * 96. *Panoplites matthewsi* (Bourc.) Gould.
E. Ecuador (Rio Napo); E. Peru (Pebas).
97. *Phæolæma rubinoides* (Bourc.) Reich.
Colombia.
99. *Clytolæma rubinea* (Gmel.) Gould.
Brazil.
- * 100. *Clytolæma aurescens* Gould.
E. Peru (Pebas).
- * 103. *Iolæma frontalis* (Lawr.) Gould.
E. Peru (Pebas).
- *¹ 103. *Eugenes fulgens* (Swains.) Gould.
Arizona; E. Mexico; Guatemala.
107. *Eugenes spectabilis* (Lawr.) Muls.
Costa Rica.
- * 109. *Eugenia imperatrix* Gould.
Ecuador (Quito).
111. *Heliodoxa jacula* Gould.
Costa Rica; Veragua; Colombia.
- * 112. *Heliodoxa jamesoni* (Bourc.) Gould.
Ecuador (Quito); Bogota.
113. *Heliodoxa leadbeateri* (Bourc.) Gould.
Colombia; "Rio".
- * 114. *Pterophanes temmincki* (Boiss.) Gould.
Bogota; Quito.
- * 115. *Patagona gigas* (Vieill.) Gray.
Quito; Chili; Peru (near Urubamba).
116. *Dòcimastes ensiferus* (Boiss.) Gould.
Ecuador (Quito); Bogota.
120. *Helianthea typica* (Less.) Gould.
Colombia.
121. *Helianthea bonapartii* (Boiss.) Gould.
Colombia.
- * 123. *Helianthea lutitiæ* (Delattr. & Bourc.) Gould.
Colombia (Popayan); Quito.
- * 130. *Bourcieria fulgidigula* Gould.
Ecuador (Quito).
131. *Bourcieria torquata* (Boiss.) Gould.
Colombia (Bogota).
- * 133. *Bourcieria wilsoni* (Delattr. & Bourc.) Bp.
Ecuador (Quito).
- * 135. *Bourcieria prunelli* (Bourc. & Muls.) Bp.
Colombia (Bogota).

¹ Females particularly desired.

- * 137. *Bourcieria cæligena* (Less.) Elliot.
Bogota (?).
- * 138. *Bourcieria columbiana* Elliot.
Colombia (Bogota).
- * 140. *Hemistephania johannæ* (Bourc.) Reich.
Colombia (Bogota).
- * 141. *Hemistephania ludovicicæ* (Bourc. & Muis.) Reich.
Colombia (Bogota).
- * 142. *Hemistephania rectirostris* (Gould) Elliot.
Ecuador.
- * 144. *Hemistephania veraguensis* (Salv.) Elliot.
Costa Rica.
145. *Floricola longirostris* (Vieill.) Elliot.
Mexico (Chiapas); Guatemala (Dueñas); Costa Rica; Panama; Trinidad.
147. *Floricola constanti* (Delattr.) Elliot.
Costa Rica; Guatemala; San Salvador; Chiapas; Mazatlan.
- * 148. *Floricola leocadiæ* (Bourc.) Elliot.
Mexico (Tehuantepec, Acapulco, and Mazatlan).
- * 149. *Lepidolarynx mesoleucus* (Temm.) Reich.
Brazil.
150. *Heliomaster furcifer* (Shaw) Elliot.
Brazil; Buenos Ayres (Conchitas).
152. *Heliotrypha exortis* (Fras.) Elliot.
Colombia (Bogota).
155. *Heliangelus clarissæ* (De Long.) Bp.
Colombia (Bogota).
- * 156. *Heliangelus strophianus* (Gould) Bp.
Ecuador (Quito).
- * 161. *Urosticte benjamini* (Bourc.) Gould.
Ecuador (Quito and Nanegal).
162. *Eustephanus galeritus* (Mol.) Reich.
Chili (Santiago).
- * 165. *Topaza pella* (Linn.) Gray.
Cayenne; Demerara.
167. *Aithurus polytmus* (Linn.) Cab. & Hein.
Jamaica.
169. *Thalurania glaucopsis* (Gmel.) Gould.
Brazil (Rio and Bahia); "Tres Marias Islands"¹ [??].
170. *Thalurania columbica* (Bourc. & Muls.) Gould.
Costa Rica; Veragua; Panama; Colombia.
- * 171. *Thalurania furcata* (Gmel.) Gould.
Guiana (Demerara); Trinidad.
- * 173. *Thalurania nigrofasciata* (Gould) Bp.
Ecuador (Quito); E. Peru (head Huallaga R.); Upper Amazons?

¹ Type of *T. lucie* Lawr.

- * 177. *Thalurania eriphile* (Less.) Bp.
Brazil (Rio Grande do Sul); Ecuador (Quito).
- * 179. *Thalurania bicolor* (Gmel.) Elliot.
Dominica.
180. *Mellisuga minima* (Linn.) Bp.
Jamaica; St. Domingo; Haiti (Pt. au Prince).
- * 182. *Microchera parvirostris* Lawr.
Costa Rica (Angostura).
183. *Trochilus colubris* Linn.
Eastern North America (numerous localities); Mexico; Guatemala;
Costa Rica; Veragua.
184. *Trochilus alexandri* Bourc. & Muls.
California; Nevada; Utah; New Mexico; Arizona.
- * 185. *Calypte costæ* (Bourc.) Gould.
Guatemala; W. Mexico (Mazatlan); S. California (Ft. Tejon); Cape
St. Lucas; Arizona.
186. *Calypte annæ* (Less.) Gould.
California; Arizona.
- * 187. *Calypte helenæ* (Lemb.) Gould.
Cuba.
189. *Selasphorus platycercus* (Swains.) Bp.
Guatemala; Mexico (Mirador); Arizona; New Mexico; Colorado;
Utah; E. Nevada; Wyoming (Ft. Bridger).
- * 190. *Selasphorus ardens* Salvin.
Costa Rica.
192. *Selasphorus alleni* Henshaw.¹
California (coast-region, Santa Cruz to Nicasio).
194. *Selasphorus rufus* (Gmel.) Aud.²
Columbia R., Oregon (3 specimens, types of Audubon's works!);
Sitka, Alaska; Ft. Steilacoom, Washington Terr.; Dakota; Nevada;
California; Colorado; Idaho; Arizona; New Mexico; Texas (El Paso);
table-lands of Mexico, south to Mirador.
193. *Selasphorus scintilla* Gould.
Costa Rica; Veragua.
- * 197. *Atthis heloisæ* (Less.) Reich.
E. Mexico.
- * 198. *Atthis ellioti* Ridgw.
Guatemala.
199. *Stellula calliope* Gould.
New Mexico; Arizona; California (Ft. Tejon, Ft. Crook, Honey Lake,
&c.); Nevada; Montana (Ft. Ellis).
- * 202. *Heliactin cornuta* (Max.) Boie.
Brazil.
- * 204. *Calothorax lucifer* (Swains.) Gray.
E. Mexico (Mirador); Arizona.

¹S. *rufus* of Elliot's list.²S. *henshawi* of Elliot's list.

- *205. *Acestrura mulsanti* (Boure.) Gould.
Ecuador (Quito).
- *207. *Acestrura heliodori* (Boure.) Gould.
Colombia (Bogota).
213. *Doricha enicura* (Vieill.) Reich.
Guatemala (Coban and Guatemala City).
214. *Doricha elizæ* (Less. & Delattr.) Gould.
Jalapa; Mirador; Merida; Yucatan.
- *215. *Doricha bryantæ* Lawr.
Costa Rica; Veragua?
- *216. *Doricha evelynæ* (Boure.) Gould.
Bahamas (Nassau, New Providence).
217. *Doricha lyrura* Gould.
Bahamas (Inagua).
- *218. *Myrtis fanny* (Less.) Reich.
Ecuador (Quito).
220. *Tilmatura duponti* (Less.) Cab. & Hein.
Guatemala.
223. *Calliphlox amethystina* (Gmel.) Reich.
Trinidad; Brazil.
- *225. *Lophornis stictolophus* Salv. & Elliot.
Colombia (Bogota).
- *226. *Lophornis delatirii* (Less.) Gould.
Panama; Veragua?
- *228. *Lophornis ornatus* (Bodd.) Gould.
"Brazil"; Trinidad.
- *230. *Lophornis magnificus* (Vieill.) Gould.
Brazil.
231. *Lophornis helenæ* (Delattr.) Reich.
"Mexico"; Guatemala.
- *233. *Lophornis verreauxi* (Boure.) Reich.
E. Peru (Pebas).
- *234. *Lophornis chalybea* (Vieill.) Bp.
Brazil.
- *235. *Popelaria¹ tricholopha* Reich.
Colombia.
- *236. *Popelaria langsdorffi* (Boure. & Vieill.) Ridgw.
Brazil; E. Peru (Pebas).
- *237. *Popelaria conversi* (Boure. & Muls.) Ridgw.
Costa Rica.
240. *Steganura underwoodi* (Less.) Reich.
Colombia (Bogota).
- *241. *Steganura melanantha* (Jard.) Reich.
Ecuador (Quito).
247. *Lesbia gouldi* (Lodd.) Reich.
Colombia (Bogota).

¹Name *Souldia* preoccupied in Conchology (C. B. ADAMS, Cat. Gen. & Sp. recent Shells, Jan. 1847, p. 29; cf. DALL, P. Z. S. 1879, pp. 131, 132).

250. *Lesbia amaryllis* (Boure.) Reich.
Colombia (Bogota); Ecuador (Quito).
253. *Cynanthus forficatus* (Linn.) Bp.
Bogota; Quito.
- * 259. *Oxyopogon guerini* (Boiss.) Gould.
Colombia.
- * 261. *Rhamphomicron olivaceus* Lawr.
Bolivia (La Paz).
262. *Rhamphomicron heteropogon* (Boiss.) Bp.
Colombia (Bogota).
- * 263. *Rhamphomicron herrani* (Delattr. & Bourc.) Gould.
Ecuador (Quito).
- * 264. *Rhamphomicron stanleyi* (Bourc. & Muls.) Gould.
Bolivia (La Paz).
266. *Rhamphomicron microrhynchum* (Boiss.) Bp.
Bogota; Quito.
- * 268. *Avocettula recurvirostris* Swains.
Guiana.
276. *Metallura tyrianthina* (Lodd.) Bp.
Bogota; Quito.
- * 278. *Chrysuronia humboldti* (Bourc. & Muls.) Reich.
Buenaventura, Ist. Panama.¹
- * 279. *Chrysuronia ænone* (Less.) Bp.
Colombia.
- * 280. *Chrysuronia josephinæ* (Bourc. & Muls.) Reich.
E. Peru (Pebas).
- * 281. *Chrysuronia elicixæ* (Bourc. & Muls.) Bp.
Guatemala (Masagua, Pacific coast).
282. *Chrysuronia chrysura* (Less.) Bp.
Brazil; Argentine Republic (Conchitas).
- * 287. *Schistes geoffroyi* (Bourc. & Muls.) Gould.
Bogota.
288. *Heliothrix auritus* (Gmel.) Boie.
Brazil; Colombia (Bogota).
- * 289. *Heliothrix auriculatus* (Licht.) Gray.
Brazil.
290. *Heliothrix barroti* (Bourc.) Gray.
Guatemala; Costa Rica; Veragua; Panama.
291. *Chrysolampis moschitus* (Linn.) Boie.
Tobago; Trinidad; Brazil (Rio Janeiro and Bahia); Colombia (Bogota and Cartagena).
292. *Bellona cristata* (Linn.) Muls.
Grenada; St. Vincent; Barbadoes; "Venezuela".²
- [292a.] *Bellona ornata* (Gould) Ridgw.
St. Vincent.

¹Type of *Thaumalias viridicaudus* Lawr.²Type of *Orthorhynchus emigrans* Lawr.

293. *Bellona exilis* (Gm.) Muls.
 Dominica; St. Thomas; Martinique; Antigua; Guadeloupe; Barbuda; Porto Rico; St. Bartholomew.
- * 294. *Cephalolepis delalandi* (Vieill.) Lodd.
 Brazil (Rio Grande do Sul).
- * 295. *Cephalolepis loddigesi* (Gould) Bp.
 Brazil.
299. *Adelomyia melanogenys* (Fras.) Gould.
 Bogota; Quito.
301. *Abeillia typica* Bonap.
 Guatemala.
302. *Klais guimeti* (Bourc. & Muls.) Reich.
 Costa Rica; Veragua; Colombia.
303. *Aglæactis cupripennis* (Bourc. & Muls.) Bp.
 Colombia; Ecuador (Quito).
- * 304. *Aglæactis caumatonota* (Gould) Bp.
 Peru (Matara, prov. Ayacucho).¹
- * 307. *Eriocnemis derbiana* (Delattr. & Bourc.) Bp.
 Ecuador (Quito).
309. *Eriocnemis aureliæ* (Bourc. & Muls.) Reich.
 Colombia (Bogota).
- * 311. *Eriocnemis lugens* Gould.
 Ecuador (Quito).
- * 312. *Eriocnemis alinæ* (Bourc.) Reich.
 Colombia.
- * 315. *Eriocnemis luciani* (Bourc.) Reich.
 Ecuador (Quito).
316. *Eriocnemis cupreiventris* (Fras.) Reich.
 Colombia (Bogota).
320. *Eriocnemis vestita* (Longnem.) Reich.
 Colombia (Bogota).
- * 324. *Panterpe insignis* Cab. & Hein.
 Costa Rica.
- * 325. *Uranomitra quadricolor* (Vieill.) Reich.
 Orizaba; Mazatlan.
- * 326. *Uranomitra violiceps* (Gould) Cab. & Hein.
 Mexico (Orizaba and Mazatlan).
327. *Uranomitra viridifrons* Elliot.
 S. Mexico (Tehuantepec).
328. *Uranomitra cyanocephala* (Less.) Reich.
 Mexico (Mirador, Tehuantepec, Chiapas, Tres Marias); Guatemala (Vera Paz).
330. *Uranomitra franciæ* (Bourc.) Reich.
 Colombia (Bogota).

¹Type of *A. olivaccoauda* Lawr.

- * 332. *Leucippus chionogaster* (Tschudi) Gould.
Bolivia (La Paz).
- * 333. *Leucippus chlorocercus* Gould.
E. Peru (Pebas).
334. *Leucochloris albicollis* Vieill.
Brazil.
- * 335. *Agyrtia niveipectus* Cab. & Hein.
Trinidad.
- * 336. *Agyrtia leucogaster* (Gmel.) Reich.
Brazil (Bahia).
- * 338. *Agyrtia milleri* (Bonre.) Reich.
Colombia.
339. *Agyrtia candida* (Bonre. & Muls.) Cab. & Hein.
S. Mexico (Tehuantepec); Guatemala.
341. *Agyrtia brevirostris* (Less.) Reich.
Brazil (Rio Grande do Sul).
- * 347. *Agyrtia tephrocephala* (Vicill.) Elliot.
Brazil; Surinam.
- * 349. *Agyrtia fluviatilis* (Gould) Heine.
E. Ecuador (Rio Napo).
- * 356. *Elvira cupreiceps* (Lawr.) Muls.
Costa Rica.
- * 357. *Elvira chionura* (Gould) Muls.
Costa Rica (Dota).
- * 358. *Callipharus nigriventris* (Lawr.) Elliot.
Costa Rica.
- * 360. *Eupherusa eximia* (Delattr.) Gould.
Guatemala.
- * 361. *Eupherusa cgregia* Sel. & Salv.
Costa Rica.
362. *Polytmus thaumantias* (Linn.) Cab. & Hein.
Trinidad; Venezuela; Bogota!
- * 363. *Polytmus viridissimus* (Vieill.) Elliot.
Guiana; Surinam?
- * 368. *Amazilia dumerili* (Less.) Bp.
Ecuador (Puna I., Guayaquil).
369. *Amazilia cinnamomea* (Less.) Elliot.
Yucatan; Nicaragua; Tehuantepec; Mazatlan; San Salvador.
- * 370. *Amazilia graysoni* Lawr.
W. Mexico (Tres Marias Islands).
- * 371. *Amazilia yucatanenses* (Cabot) Gould.
Mexico (Jalapa); S. Texas (Ft. Brown).
372. *Amazilia fuscicaudata* (Fras.) Ridgw.
S. Mexico (Cordova and Tehuantepec); S. Texas (Ft. Brown); Guatemala; Nicaragua; Costa Rica; Colombia; Ecuador (Guayaquil).

- * 373. *Amazilia viridiventris* (Reich.) Elliot.
Colombia (Bogota).
375. *Amazilia beryllina* (Licht.) Gould.
Mexico (Jalapa); Guatemala.
- * 376. *Amazilia edwardi* (Del. & Boure.) Bp.
Panama.
- * 377. *Amazilia niveiventris* (Gould) Elliot.
Costa Rica.
- * 378. *Amazilia mariæ* (Boure.) Elliot.
Guatemala.
- * 379. *Amazilia cyanura* Gould.
Guatemala (Pacific side); Realejo.
382. *Amazilia erythronota* (Less.) Elliot.
Tobago; Trinidad.
384. *Amazilia sophiæ* (Boure. & Muls.) Bp.
Costa Rica; Nicaragua.
387. *Amazilia cyanifrons* (Boure.) Elliot.
Colombia (Bogota).
- * 389. *Basilinna leucotis* (Vieill.) Boie.
Mexico (Jalapa, Mirador, and Mazatlan); Guatemala (Chilasco, Vera Paz).
- * 390. *Basilinna xantusi* (Lawr.) Elliot.
Cape St. Lucas.
391. *Eucephala grayi* (Del. & Boure.) Reich.
Ecuador (Quito).
397. *Eucephala cærulea* (Vieill.) Gould.
Trinidad; Guiana; Demerara; Bahia.
- * 401. *Juliamyia typica* Bonap.
Panama; Bogota; Turbo.
- * 402. *Juliamyia feliciana* (Less.) Gould.
Ecuador (Guayaquil); Bogota!
403. *Damophila amabilis* (Gould) Reich.
Costa Rica; Panama; Bogota; Turbo.
- * 404. *Iache latirostris* (Swains.) Elliot.
W. Mexico (Colima, Mazatlan, and Tres Marias); Arizona.
- * 405. *Iache doubledayi* (Boure.) Elliot.
Tehuantepec (Chihuitan).
408. *Hylocharis sapphiria* (Gm.) Gray.
Brazil (Bahia and Rio Grande do Sul); Demerara.
409. *Hylocharis cyanea* (Vieill.) Gray.
Brazil (Bahia and Rio Grande do Sul); Surinam.
410. *Cyanophaia cæruleigularis* (Gould) Elliot.
Panama; Cartagena: "Centr. Am."
411. *Cyanophaia goudoti* (Boure.) Elliot.
Colombia (Bogota).

- *412. *Cyanophaia luminosa* (Lawr.) Elliot.
Colombia (Cartagena).
- *414. *Sporadinus elegans* (Vieill.) Bp.
St. Domingo.
415. *Sporadinus ricordi* (Gerv.) Bp.
Cuba.
- *416. *Sporadinus maugæi* (Vieill.) Bp.
Porto Rico.
418. *Chlorostilbon caniveti* (Less.) Bp.
Mexico (Mirador, Jalapa, and Tehuantepec); Yucatan (Merida); Guatemala; Costa Rica.
419. *Chlorostilbon pucherani* (Boure. & Muls.) Ell.
Southeastern Brazil (Rio Grande do Sul); W. Mexico (Tres Marias) [???].¹
420. *Chlorostilbon splendidus* (Vieill.) Elliot.
Buenos Ayres (Conchitas); Paraguay (Rio Parana).
421. *Chlorostilbon haberlini* (Reich.) Cab & Hein.
Colombia (Bogota).
422. *Chlorostilbon angustipennis* (Fras.) Gould.
Costa Rica (Cartago); Panama; Quito; E. Peru (Pebas).
423. *Chlorostilbon atala* (Less.) Gould.
Trinidad.
- *425. *Panychlora poortmani* Boare.
Colombia (Bogota).
- *427. *Panychlora stenura* Cab & Hein.
"New Granada."

DESCRIPTION OF A NEW EMBIOTOCOID FISH (*DITREMA ATRIPES*),
FROM THE COAST OF CALIFORNIA.

By DAVID S. JORDAN and CHARLES H. GILBERT.

Allied to *Ditrema* (*Phaneroodon*) *furcatum*. Body unusually elongate, slenderer than in *Ditrema furcatum*, tapering into a long and slender caudal peduncle. Back little elevated. Profile slightly depressed above the eyes, the snout rather projecting.

Head small, triangular in profile, the snout rather acute. Mouth small, oblique, the maxillary not reaching the front of the eye. Pre-maxillary anteriorly rather above the level of the lower edge of the pupil. Lower jaw slightly included in the closed mouth. Teeth smaller and fewer in number than in *D. furcatum*, conical, in one series, $\frac{8}{6}$ or less in number (about $\frac{15}{12}$ in *D. furcatum*).

Eye moderate, about as long as snout, $3\frac{1}{2}$ in length of head. Inter-

¹Type of *C. insularis* Lawr.

²Females wanted.