

ARCHIVOS

DO

# MUSEU NACIONAL

DO

RIO DE JANEIRO

Nunquam aliud natura, aliud sapientia dicit.

J. 14. 321

In silvis academi quærere rerum,

Quamquam Socraticis madet sermonibus.

H.

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VOLUME XXI

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RIO DE JANEIRO

IMPRENSA NACIONAL

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# ARCHIVOS DO MUSEU NACIONAL

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COMMISSÃO DE REDACÇÃO

**Professores :**

**BRUNO LOBO  
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ROQUETTE-PINTO.**

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## SUMMARIO

**Alipio de Miranda Ribeiro :**

I — Fauna Brasiliense, Peixes — Tomo V (Eleutherobranchios Aspirophoros)  
— Physoclisti.

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A correspondencia relativa aos " ARCHIVOS DO MUSEU NACIONAL "  
deve ser dirigida ao director do Museu — Quinta da Boa Vista — Rio de Janeiro.



ALIPIO DE MIRANDA RIBEIRO

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FAUNA BRASILIENSE

(PEIXES)

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TOMO V

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Eleutherobranchios Aspirophoros

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PHYSOCLISTI

## FAÚNA BRASILIENSE — PEIXES

## SUMMARIO DO TOMO V

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**Observação:** Neste volume dos “Archivos” encontrar-se-á, apenas, a primeira e a terceira parte do tomo V dos peixes da minha “Fauna Brasileira”. A segunda (\*) já foi publicada no volume XVII.

O AUCTOR.

## PRIMEIRA PARTE

# RESENHA HISTORICA

A historia do estudo systematico dos *Physoclisti* brasileiros data de Maregrave, 1648, sendo, entretanto, as numerosas e minuciosas descrições do primeiro naturalista estrangeiro que se occupou dos peixes do Brasil, prejudicadas pelas leis dos Congressos de Zoologia, em face da adopção da nomenclatura binaria, linneana, á contar da decima edição do *Systema Naturæ* — 1758.

**Linneu** reportou-se fartamente á Maregrave, delle haurindo as seis especies que enfileirou no seu systema, dando-lhes, com as competentes referencias, designações binarias :

1. *Fistularia tabacaria* L. = Petimbuaba Maregr.
2. *Polydactylus virginicus* (L.) = Piracoaba Maregr.
3. *Selene vomer*, L. = Abucatuia Maregr.
4. *Trichiurus lepturus* (L.) — Endossando o PIRATIBIRA, escripto « ubirre », de Laet (1648) e remmindo-o ao « *Mugu* » de Maregr., independente das explicações de Gronow.
5. *Promicrops guttatus*, (L.) = Cuguapuguaçu de Maregr.
6. *Syacium papillosum* (L.) = Aramaca de Maregr.

**Gmlin**, reeditando o *Systema Naturæ* de Linnæus numa decima terceira edição, em 1788, ainda achou material, indirecta e directamente, na “*Historia Naturalis Brasilæ*” reproduzindo :

1. *Balistes forcipatus*, Gmlin, segundo Lister em Willughby (*Hist. Piscium* — 1686), que dava *Guaperva forcipata* de procedencia brasileira e —
2. *Eleotris pisonis*, Gml., ou o Amoré Pixúna de Maregrave, citado por intermedio de Gronow, no *Mus. Ichthyologicum* — 1757.

Em 1792 **Walbaum** ainda baptisa o Timucú de Maregrave — *Tylosurus timucú* (Walb.) no vol. III dos *Artedi Piscium*.

Não estava ainda esgotado o manancial das identificações, provando o cuidado do naturalista hollandez; **Marc Eliezer Bloch**, o maior ichthyologista allemão do seculo XVIII —, conseguiu material para identificar mais 18 especies brasileiras, de Maregrave e de M. de Nassau, desde 1787 até 1797, á saber :

1. *Rachycentron canadus* (L.) = Beijú-pirá de Maregrave.
2. *Diodon hystrix* (L.) = Guamaiacú-Guará (vol. IV — embora referindo-o a outra especie.)
3. *Lactrophrys tricornis* (L.) = Guamaiacú-apé.
4. » *trigonus* (L.) = Guamaiacú-apé-sine cornubus in fronte.
5. *Balistes vetula* L. = Guaperva da pg. 163 de Maregrave.
6. *Pomacanthus arcuatus* (L.) = Parú.
7. *Holocentrus adscensionis* (Osb.) = Jaguaruçá.
8. *Ocyurus chrysurus* (L.) = Acará-Pitamba.
9. *Neomænis aya* (Bl.) = Acará-Aya.
10. *Archosargus unimaculatus* (Bl.) (identificado duma figura feita pelo Principe Mauricio de Nassau.)
11. *Conodon nobilis* (L.) = Corô-corô de Maregrave.
12. *Anisotremus virginicus* (L.) — o *SPARUS VITTATUS*, de Bloch, ou *GUATUCUPA JUBA* de Maregrave.
13. *Paraupeneus maculatus* (Bl.)
14. *Abudefduf saxatilis* (L.) = Jaguacaguaré.
15. *Crenicichla brasiliensis* (Bl.) sobre indicações de Nassau e o Nhacundá de Maregrave.
16. *Harpe rufa* (L.) = *BODIANUS BODIANUS* Bl., sobre um desenho de Nassau e a descripção do Pudiano vermelho de Maregrave.
17. *Iridio radiatus* (L.) = Pudiano verde de Maregrave.
18. *Leptecheneis naucrates* (L.) ou *ECHENEIS CAUDA-ROTUNDA* de Bloch, referindo o Iperuquiba de Maregrave.

Em 1798, **Lacépède** referia, no vol. II da sua *Histoire Naturelle des Poissons*, *Chilomycterus spinosus* (L.) procedente do Rio de Janeiro.

E **Schneider**, publicando um systema posthumo ás obras de Bloch, em 1801, dava mais cinco especies ao Brasil:

1. *Caranx guará* (Bonnat.),
2. *Gobiomorus gronovii*, Gml.,
3. *Spheroides testudineus* (L.) que se suppõe ser o *Tetrodon punctulatus* de Schneider.
4. *Bathystoma striatum* (L.) e finalmente 5. *Gobioides broussonetti*, aquelle o Capeúna de Maregrave e este reproduzido de um desenho de Mauricio de Nassau.

Em 1822 **Lichtenstein** (*Abhandlungen Akad. Berl.*) ainda se referia á Maregrave, acreditando identificar um Gobio procedente do Brasil (*Chonophorus tajacica*) ao tajacica deste auctor.

O anno de 1824 marca o inicio da éra das viagens com fins scientificos em beneficio do conhecimento da nossa natureza. F' a viagem de Freycinet, com as corvetas francezas "l'Uranie et la Physicienne", a bordo das quaes viajavam os medicos Quoy e Paul Gaimard, que citaram ou descreveram outras 11 especies de physoclisti do Brasil:

1. *Tylossrus marinus* (Walb).
2. *Menidia brasiliensis* (Quoy & Gaimard).
3. *Seserinus* (Poronotus)? *xanthurus* Quoy & Gaim.
4. *Micropogon opercularis* (Quoy & Gaimard).
5. *Geophagus brasiliensis* (Quoy & Gaimard).
6. *Percophis brasiliensis* (Quoy & Gaimard).
7. *Salariichthys textilis* (Quoy & Gaimard).
8. *Lepisoma nuchipinnis* (Quoy. & Gaimard).
9. *Achirus lineatus* (L.)
10. *Symphurus plagusia* Bl. & Schm.
11. *Haliperca radiale* (Quoy & Gaimard).

Mais uma especie referida por **Hollard** *Atulera schepfi* (Walb.)— Bahia — em 1825 e quatro outras referidas por Valenciennes, no *Règne Animal* de G. Cuvier (1817) em 1829 e encontramos, na apreciação do resultado da primeira viagem ichthyologica, de fim puramente brasilico, com Agassiz

As novas especies brasileiras do *Règne Animal* de Cuvier são ainda, na sua maioria, identificações de Marcgrave:

1. *Scomberomorus cavalla* (Cuv.) o Guarápueu;
2. *Hæmulon parra* (Desm.), o Urubaco.
3. *Cynoscion striatus* (Cuv.), o Guaticupa. Só escapa 4. *Lepophidion brevibarbe* (Cuv.) provavelmente colligido por Delalande.

Os resultados ichthyologicos da viagem de João Baptista de Spix, jaziam no Museu de Munich, quando **Luiz Agassiz** (naturalista suiso que maior impulso deu, depois, ás explorações ichthyologicas no Brasil, conseguindo organizar, na America do Norte, uma expedição especial para esse fim, graças á liberalidade e philantropia do milionario Thayer) publicou, conforme á pag. 8 do IV tomo deste trabalho ja ficou dito, os peixes da *Iler brasiliensis*

Este foi o maior e unico trabalho que Agassiz executou sobre os nossos peixes, devendo-lhe nós, pois, de sua lavra, 23 especies de *Physoclisti*, citados ou descriptos:

- |   |   |
|---|---|
| 1. <i>Chirostoma tæniatum</i> (Spix).   | 4. <i>Caranx latus</i> , Agassiz.         |
| 2. <i>Chloroscombrus chrysurus</i> (L.) | 5. <i>Trachurops crumenophthalmus</i> Bl. |
| 3. <i>Vomer setipinnis</i> (Mitch.) (1) | ( <i>Caranx macropthalmus</i> Agass.)     |

(1) Comquanto desenhado por M. de Nassau, de exemplares brasileiros, só foi trazida á publico a sua existencia no Brasil por Agassiz, em Spix, como *Vomer brownii*.

- |   |   |
|---|---|
| 6. <i>Decapterus punctatus</i> (Agass.)                               | 16. <i>Xirichthys uniocellatus</i> (Agass.)                               |
| 7. <i>Scomberomorus maculatus</i> (Mitch.)                            | 17. <i>Sparisoma frondosum</i> (Agass.)                                   |
| 8. <i>Coryphæna hippurus</i> , L.                                     | 18. <i>Uranoscopus occidentalis</i> (Agass.)                              |
| 9. <i>Corniger spinosus</i> (Agass.)                                  | 19. <i>Davidia punctata</i> (Agass.)                                      |
| 10. <i>Pachyurus squamipinnis</i> (Agass.)                            | 20. <i>Neomoenis synagris</i> (L.) ( <i>Mesoprion uninoctatus</i> Agass.) |
| 11. <i>Ophioscion adustus</i> (Agass.)                                | 21. <i>Uranoscopus occidentalis</i> , Agass.                              |
| 12. <i>Cichla ocellaris</i> , Bl & Schm.                              | 22. <i>Anarhichas minor</i> (Olafsen).                                    |
| 13. <i>Astronotus ocellatus</i> (Agass.)                              | 23. <i>Solea brasiliensis</i> , Cuvier.                                   |
| 14. <i>Labrus livens</i> (L.)   |   |
| 15. <i>Iridio cyanophalus</i> (Bl.) ( <i>Julis dimidiatus</i> Agass.) |   |

De 1829 a 1846 coube maior quinhão á **Valenciennes**, em collaboração com Cuvier. Com effeito, Cuvier e Valenciennes publicaram, nesse lapso de tempo, (1) descripções e identificações de nada menos de 86 especies de physoclistes provenientes de aguas do Brasil; e o seu trabalho versa, principalmente, sobre as colleccões de Delalande, aqui mandado para colleccionar peixes.

1. *Ablennes hians* (Cuv. & Val.)
2. *Cypsilurus cyanopterus* (Cuv. & Val.) Bahia do Rio de Janeiro.
3. *Mugil lisa*, Cuv. & Val.
4. » *curema*, Cuv. & Val.
5. » *cephalus*, L. em M. PLUMIERI do Brasil.
6. *Querimana curvidens*, Cuv. & Val.
7. *Atherina lessoni*, Cuv. & Val., des. de Lesson.
8. *Sphyræna barracuda*, Walb.
9. *Oligoplites saurus*, Bl. & Schm.
10. » *saliens* (Bl).
11. *Trachynotus glaucus*, Bl.
12. » *falcatus* (L.)
13. » *carolinus* (Gml.)
14. *Caranx chrysus*, (Mitch), (recebido da Bahia e chamado então pelos autores C. PISQUETUS).
15. *Caranx hippos* (L.) «JUREL OU XUREL».
16. *Carangops amblyrhynchus* (Cuv. & Val.), como *CARANX AMBLYRHYNCHUS*.
17. *Seriola lalandi*, Cuv. & Val.
18. *Thyrsitops lepidopoides*, Cuv. & Val.
19. *Gymnosarda pelamys* (L.)
20. » *alleterata* (Raf.), (2)
21. *Istiophorus nigricans* (Lacép.) Cuv. & Val., VIII apud Marcgr. — Guebuçú.
22. *Teuthis caeruleus* (Bl. & Schm.)
23. » *hepatus*.

(1) Histoire Naturelle des Poissons — vols. III-XVIII.

(2) Já depois de impressa a parte dos Scombridae, obtive bellos exemplares deste peixe na Inspectoria da Pesca do Ministerio da Agricultura, 1913, um dos quaes vac reproduzido photographicamente.



24. *Chaetodipterus faber*, Brouss., vol. VII — 1831, Rio de Janeiro — Del. & Q. & Gmd.
25. *Myripristis jacobus*, Cuv. & Val.
26. *Priacanthus arenatus*, Cuv. & Val.
27. *Oxylabrax undecimalis* (Bl.), Cuv. & Val. — 1828, det. com o Camuri de Maregrave.
28. *Rypticus saponaceus*, Bl. & Schn.
29.     "    *arenatus*, Cuv. & Val.
30. *Acanthistius brasiliensis*, Cuv. & Val.
31. *Cerna adscensionis* (Osb.), Cuv. & Val. descrevendo PIRAPIXANGA de Maregr. (vol. II — 1828) que tem toda a probabilidade de ser o peixe em questão.
32. *Cerna catus*, Cuv. & Val. Os mesmos dizem, referindo-se á C. APUA: " Mr. Delalande nous a aussi envoyé un merou " etc. — A descrição anterior refere-se á um animal mandado do Brasil, ao passo que, quanto á C. CATUS, esta é a unica informação.
33. *Cerna gigas* (Brundich) (SERRANUS MENTZELI das costas do Brasil) — 1828.
34. *Garrupa niveata* (Cuv. & Val.)
35. *Epinephelus ruber*, Bl., SERRANUS ACUTIROSTRIS Cuv. & Val.
36. *Bodianus fulvus* (L.) identificado com SERRANUS CARAUNA — o Caratua de Maregr. vol. II — 1828.
37. *Dules auriga*, Cuv. & Val.
38. *Haliperca formosa* (L.), SERRANUS FASCICULARIS Cuv. & Val.
39. *Serranus flaviventris* (Cuv. & Val.) — DULES FLAV.
40.     "    *atrobranchus*, Cuv. & Val.
41. *Paranthias furcifer* (Cuv. & Val.) — SERRANUS FURCIFER.
42. *Odontanthias tonsor* (Cuv. & Val.) — SERRANUS TONSOR.
43. *Eucinostomus gula* (Cuv. & Val.) — GERRES GULA.
44. *Diapterus brasiliensis* (Cuv. & Val.) — GERRES BR.
45. *Rhomboplites aurorubens*, (Cuv. & Val.) os mesmos, vol. III (CENTROPRISTIS AUROR.
46. *Neomaenis griseus* (L.) Cuv. & Val., vol. II. — 1828-1829 como MESOPRION CYANOPTERUS.
47. *Diplodus argenteus* (Cuv. & Val.)
48. *Kiphusus incisor* (Cuv. & Val.)
49. *Haemulon plumieri* (Lacép.) — Cuv. & Val. identificando o Guabicoara de Maregr., vol. V — 1830.
50. *Bathystoma aurolineatum* (Cuv. & Val., vol. V — 1830 — Material de Delalande.
51. *Orthopristis ruber* (Cuv. & Val.) Os mesmos, vol. V — 1830.
52. *Anisotremus surinamensis* (Bl.) descrito de proc. bras. como PRISTYSOMA MELANOPTERUM.
53. *Genyatremus luteus* (Bl.) Cuv. & Val., vol. V — 1830 ; descrito sob o nome de DIAGRAMMA CAVIFRONS.
54. *Boridia grossidens*, Cuv. & Val.
55. *Eques acuminatus* (Bl. & Schn.) descrito sob o nome de de E. LINEATUS.
56. *Pogonias chromis* (L.) Material de Delalande.
57. *Menticirrhus americanus* (L.) descrito como UMBRINA GRACILLIS.

58. *Umbrina coroides*, Cuv. & Val.
59. *Pachyurus francisci*, Cuv. & Val.
60. *Stellifer stellifer* (Bl.)
61. *Larimus breviceps*, Cuv. & Val.
62. *Cynoscion acoupa* (Lacép.) descripto como *OTOLITHUS TOEROE* do Brasil.
63. *Cynoscion leiarchus*, (Cuv. & Val.)
64. *Eupomacentrus fuscus* (Cuv. & Val.)
65. *Pterophyllum scalare*, Cuv. & Val.
66. *Cryptotomus ustus*, Cuv. & Val.
67. *Scarus trispinosus*, Cuv. & Val.
68. *Sparisoma abildgardi* (Bl.) — Bahia.
69. *Oncocephalus longirostris*, Cuv. & Val. (Bahia) *MALTHEA LONGIROSTRIS*.
70. *Antennarius principis*, Cuv. & Val.
71.       »       *mentzelli*, Cuv. & Val.
72. *Cephalacanthus volitans* (L.) não só identificando o Pirabepé de Marcgr. como referindo exemplares do Brasil.
73. *Prionotus punctatus*, Cuv. & Val. (Veja-se *PRIONOTUS CAPELLA*, Mir. Rib. referindo ao Pirabepé de Marcgrave, em exemplares do Rio de Janeiro, vol. IV — 1829.
74. *Scorpæna brasiliensis*, Cuv. & Val.
75. *Scorpæna plumieri*, Bl.
76. *Parablennius pilicornis*, Cuv. & Val.
77. *Alticus atlanticus* (Cuv. & Val.) — Os mesmos identificando o Punarú de Marcgrave — 1836 — com um exemplar da ilha da Madeira.
78. *Salariichthys textilis* (Quoy & Gaimard.) Cuv. & Val. — Bahia (*Salarias vomerinus*).
79. *Malacoctenus delalandi* (Cuv. & Val.) — Bahia.
80. *Porichthys porosissimus* (Cuv. & Val.) — Rio de Janeiro — Santa Catharina.
81. *Marcgravichthys cryptocentrus* (Cuv. & Val.) — Bahia.
82. *Lobotes surinamensis*, Bl.
83. *Cheilodipterus saltator* (Un très grand individu pris à Bahia par M. Wied) — 1833.
84. *Caulolatilus chrysops* (Cuv. & Val.)
85. *Pinguipés brasilianus*, Cuv. & Val. — vol. III.
86. *Gnathipops cuvieri*, Val. in Cuv. & Val., vol. XI — *Opisthognathus cuvieri* — Bahia — ex-Blanchet.

Esta época, tão propicia para o desenvolvimento da ichthyologia brasileira, trouxe ainda mais material com os trabalhos do naturalista austriaco **Heckel**, que aproveitou as collecções de João Natterer, em grande parte, descrevendo ou citando 25 especies, das quaes 22 inteiramente novas:

1. *Plagioscion squamosissimus* (Heckel) — Rios Negro e Branco (Natt.) — Heckel — Ann. Wiener Museums, vol. II — 1840.
2. *Crenicichla macrophthalma*, Heckel.
3.       »       *saxatilis* (L.)
4.       »       *vittata*, Heckel.

5. *Batrachops semifasciatus*, Heckel.
6.       "       *reticulatus*, Heckel.
7. *Acaropsis nassa* (Heckel).
8. *Aequidens dorsigera* (Heckel)
9.       "       *vittatus* (Heckel.)
10.       "       *tetramerus* (Heckel.)
11. *Cichla temensis*, Humboldt.
12. *Geophagus surinamensis* (Bl.)
13.       "       *acuticeps*, Heckel.
14. *Geophagus dæmon*, Heckel.
15.       "       *cupido*, Heckel.
16.       "       *jurupari*, Heckel.
17.       "       *papaterra*, Heckel.
18. *Chætobranchus fiavescens*, Heckel.
19. *Cichlasoma festivum* (Heckel).
20.       "       *coryphænoides* (Heckel).
21.       "       *severum* (Heckel).
22.       "       *psittacum* (Heckel).
23. *Uarú amphiacanthoides*, Heckel.
24. *Symphysodon discus*, Heckel.
25. *Monocirrhus polyacanthus*, Heckel.

E Camillo Ranzani, nos Nov. Comm. Acad. Sci. Inst. Bonon.— 1840-1842 — descrevia outras 10, das quaes apenas uma não era nova.

RANZANI

1. *Tylosurus raphidoma* (Ranz.)
2. *Hyporhamphus unifasciatus* (Ranz.)
3. *Cypsilurus bahiensis* (Ranz.)
4. *Lagocephalus pachycephalus* (Ranz.)
5. *Sphæroides marmoratus* (Ranz.)
6. *Monacanthus hispidus* (L.)
7. *Cantherines pullus* (Ranz.)
8. *Alutera scripta* (Gml.)
9. *Syacium micrurum*, Ranz.
10. *Paralichthys brasiliensis* (Ranz.)

Ao contrario dos seus antecessores (exceptuado Maregrave), **Francisco Castelnau**, em 1855, publicava os resultados dos seus trabalhos de campo, elaborados por elle proprio, em extensas viagens pelo Brasil e outros paizes da America do Sul.

No grupo que agora nos interessa e de procedencia brasileira figura elle com 18 especies.

CASTELNAU

1. *Lactrophrys triqueter* (L.) — Bahia.
2. *Teuthis bahianus* (Casteln.) — Bahia.

3. *Chætodon striatus*, L.
4. *Angelichtys ciliaris*, L. (HOLAC, FORMOSUM).
5. *Apogon americanus* (Casteln.) — Bahia.
6. *Bodianus cruentatus* (Lacép.) *SERRANUS GUTTATUS*.
7. *Serranus castelnaui*, Jord. & Eigenm., *S. NEBULOSUS*, Casteln.
8. *Anisotremus bicolor* (Casteln.)
9. *Eques lanceolatus* (L.) — Bahia.
10. *Plagioscion auratus* (Casteln.)
11. *Eupomacentrus pictus* (Casteln.)
12. *Chromis marginatus* (Casteln.)
13. *Crenicichla lacustris* (Casteln.)
14. *Rotroculus lapidifer* (Casteln.)
15. *Æquidens obscurus* (Casteln.)
16. *Cichlasoma oblongum* (Casteln.)
17. *Malacanthus plumieri* (Bl.)
18. *Achirus punctifer* (Casteln.)

De 1857 á 1878 a intensidade dos trabalhos ichthyologicos chegou ao auge para o estudo da Fauna Brasileira, devido especialmente á Günther, dispondo de ricas collecções do Museu Britannico, com o material do "Challenger" e d'outras proveniencias, de um lado; e de outro devido á Steindachner, o infatigavel ichthyologista do Museu de Vienna que muito aproveitou da "Thayer Expedition", bem como de collecções que á expensas suas fez.

Chronologicamente apparece Gill, o primeiro naturalista norte-americano em se occupar dos nossos physoclistes, com uma especie (Annls. Lyc. N. York — 1857) *Gobius badius* (Gill).

Segue-se-lhe Günther com as 32 especies que passamos á enumerar:

1. *Potamorhaphis guianensis*, Schomb. Cat., vol. VI — 1866 — Rio Capim.
2. *Hemirhamphus brasiliensis* (L.) Cat., VI — Bahia como syn. de H. PLEH.
3. *Hippocampus villosus*, Günther — Challenger — Bahia.
4. *Lagocephalus lævigatus* (L.) Cat., vol. VIII — 1870 — Bahia — (Dr. Wucherer).
5. » *güntheri*, Mir. Rib. Sob o nome de T. LUNARIS, Var. B. — 1870. Cat., VIII — Brasil, levado por J. P. G. Smith.
6. *Sphaeroides formosus*, Günther, o mesmo Cat. — 1870 — Am. do Sul e Panamá.
7. *Colomesus psittacus* (Bl. & Schm.) — 1870 — Rio Capim (Dado por Bloch como procedente de Malabar).
8. *Milichthys piceus*, Atlantico tropical — 1870. Cat. VIII.
9. *Holacanthus tricolor* (L.) Cat. II — 1860 — Bahia.
10. *Cerna striata* (Bl.) Cat. I — 1859 — Bahia.
11. *Epinephelus bonaci*, Poey, 1859, como *SERRANUS UNDULOSUS* — Brasil.
12. *Serranus annularis*, Günther — Challenger — 1880.
13. *Neomænis analis* (Cuv. & Val.) como *MESOPR. VIVANUS* — Bahia. Cat. I — 1859.
14. *Brachygenis chrysargyreus*, Günther — Challenger, Shore-Fishes — Fernando de Noronha.

15. *Pachyurus schomburgki*, Günther — Cat. II — 1860 — Rio Capim.
16. *Heterogramma tæniatum*, Günther — Coll. Bates — Rio Capim.
17. *Cichlasoma facetum* (Jenyns), Günther Descr. H. AUTOCHTON — 1862.
18. *Xirichthys novacula* (L.) — Cat. IV — 1862.
19. *Gobius oceanicus*, Pallas — Cat. III — 1861 — Exemplos do Brasil. Os Eigenmans citam-no de Pernambuco, Rio de Janeiro, Nazareth, S. Mathheus e Porto Alegre.
20. *Peristedion truncatum* (Günther) — Shore-Fishes — 1880.
21. *Syacium cornutum*, Günther — Shore-Fishes — 1880.
22. *Achirus mentalis*, Günther — Cat. IV — 1862 — Pará.
23. *Echeneis brachyptera* (Günther) Cat. II — 1860.
24. *Epinephelus microlepis* (Gde. & Bn.) — 1859 — ex. da Bahia.
25. *Bathyanthias roseus* (Günther) — Shore-Fishes.
26. *Odontanthias asperilingua* (Günther), Cat. I — Am. do Sul.
27. *Eucinostomus harengulus*, Gde. & Bn. — Cat. VI — 1862 — GERRES APRION suppondo ser a esp. de Cuvier — Bahia.
28. *Diapterus plumieri* (Cuv. & Val.), Günther — Cat. IV — 1862 — Pernambuco e Bahia.
29. *Bairdiella ronchus* (Cuv. & Val.), Cat., vol. II — 1860 — Bahia.
30. *Sparisoma distinctum* (Poey) Descr. como *SCARUS FRONDOSUS*.
31. *Neobithites gillii*, Gde. & Bn. — Günther — Challenger.
32. *Echeneis brachyptera* (Lowe), Günther — Cat. II — 1860.

E enquanto **Guichenot**, em 1865 (*Scarides du Mus. de Paris — 1865*), cita *Sparisoma chrysopterum* (Bl. & Schn.), descrito sob o nome de *Scarus spinidens*, **Kaup** enumera tres outros de 1856 á 1866:

## KAUP

1. *Doryrhamphus lineatus* (Valenc.) — Bahia — Lophobr. — 1866.
2. *Syphostoma albirostre* (Heck.), Kaup. Lophobr. — 1856.
3. *Gymnachirus nudus*, Kaup. Um exemplar obtido na Bahia e pertencente ao Mus. de Genebra.

**Kner e Hensel** em 1869 e 1870 trazem mais:

## KNER

1. *Hippocampus punctulatus*, Guichen. Novara Reise — 1869 — Rio de Janeiro.
2. *Sphæroides spengleri* (Bl.)
3. *Monacanthus ciliatus* (Mitch.)
4. *Solea variolosa*, Kner — Rio de Janeiro.

## HENSEL

*Aequidens minutus* (Hensel) — Esp. duvidosa — Beitr. zur Kenntniss Wirbelth. Süd-Bras., 1870 — Archif. für Naturg.

**Edward Drinker Cope** (Pr. Acad. Nat. Sci. Philad. — 1871), refere *Aequidens freniferus* do Amazonas.

Vaillant & Bocourt (Mission Scientifique au Mexique) e Haly — (Ann. Nat. Hist.) — 1875, trazem respectivamente *Alphestes afer* (Bl.) (chamado *Plectropoma chloropteron*), levado do Brasil por Gay e *Hæmulon sciurus* (Shaw), colligido na Bahia.

A' Steidachner competem 32 physoclistos que elle descreveu e figurou como abaixo se verá:

1. *Tylosurus microps* (Günther), descr. como *BELONE AMAZONICA*, nas Ichthyol. Beitr. III — 1875.
2. *Mugil incilis* (Hancock) — Fish Fauna d. Magdal. Stromes — 1878.
3. *Oxylabrax ensiferus* (Poey), descr. em 1878 como *CENTROPOMUS AFFINIS* e de proc. do Rio de Janeiro.
4. *Oxylabrax pedimacula* (Poey), Denkschr. Akad. Wien — vol. XXXIX.
5. *Cerna morio*, Cuv. & Val. — Steind. Ichthyol. Beitr. 1876 — Rio de Janeiro.
6. *Hæmulon steindachneri* (Jordan & Gill.) Como *H. CAUDIMACULA* de Cuv. & Val. — Exped., do Rio Grande do Sul — 1875.
7. *Brachydeuterus corvinæformis* (Steind.) Ichthyol. Not., vol. VII, *HÆMULON CORV.*, Santos — 1868.
8. *Pachypops furcræus* (Lacép.) — Zur Kenntniss Sciaenoiden Brasiliens (Rio Negro) — 1863.
9. *Pachypops triflis* (Müll. & Tr.) — Rio Guaporé — Op. cit., — 1863.
10. *Pachypops adspersus* (Steind.) Ichthyol. Beitr. VIII — 1879 — Rios Parahyba — Doce — Santo Antonio — Mucury.
11. *Pachyurus nattereri*, Steind. Sciaenoiden Bras.
12. *Isopisthus parvipinnis* (Cuv. & Val.), Porto Alegre — Denkschr. — 1879.
13. *Plagioscion virescens*, Cuv. & Val., como *OROLITHUS MICROPS* — Neue Fish-Arten — Mus. Wien & Warsh. — 1879.
14. *Dicrossus maculatus*, Steind. — Sitzber. — Akad. Wien — 1875.
15. *Æquidens subocularis* (Cope), Steind. descrevendo *MESOPS THAYERI*. Sitzber. Akad. Wien — 1875.
16. *Heterogramma agassizi* (Steind.) — id. 1875.
17. *Biotæcus opercularis* (Steind.) — id. Stz. Ber. LXXI — 1875.
18. *Chætobranchus flavescens*, Steind. LXXI — 1875.
19. *Chætobranchopsis orbicularis*, Steind. LXXI — 1875.
20. *Tautogolabrus brandaonis*, Steind. modificação de nomenclatura de *CALL. FLAVESCENS*, de Bleeker, descripto por este autor, da Bahia — 1861.
21. *Astroscopus sexspinosus* (Steind.) Sitzungsber. LXXVI — 1876. R. de Janeiro.
22. *Astrocopus guttatus*, Abb. Steind. Sitzungsber. LXXVI — 1876. Rio de Janeiro.
23. *Thalassophryne amazonica*, Steind. — Ichthyol. Beitr. V — Sitzungsber. 1876.
24. *Thalassophryne punctata*, Steind., op. cit. (Bahia).
25. " " *nattereri*, Steind. » » Amazonas.
26. *Achiropsis nattereri*, Steind. Rio Negro — Ichthyol. Beitr. V. Stzber. — 1876.
27. *Polyclemus brasiliensis* (Steind.) Ichthyol. Beitr. II — 1875. Pará e Santos.
28. *Cynoscion microlepidotus* (Cuv. & Val.) Denkschr. Akad. Wien — 1877.
29. *Symphysoglyphus bairdi* (Steindachner) Neue Fisch-Arten Mus. Wien & Warsch. — 1879.

30. *Crenicara punctulata*, Günther — 1875.
31. *Cichlasoma spectabile* (Steind.) Stzber. Akad. Wien, LXXI — 1875.
32.       "       *temporale*, Günther.       "       "       "       "       "

De 1880 em diante começou o predomínio dos naturalistas americanos na ichthyologia brasílica; e se um ou outro europeu, como Sauvage (1880), Boulenger (1895), Perugia (1897), Régan (1903 á 1905) e Weber, apparecem isoladamente com algumas especies, a somma dos seus collegas de aquem mar eleva grandemente a nossa estatística ichthyologica.

A' seguir encontramos a necessaria lista:

## SAUVAGE

Bull. Soc. Philom. Paris. — 7 Ser., vol. IV — 1880.

1. *Guavina brasiliensis* (Sauvage) — Bahia.
2. *Gobius uranoscopus* Sauvage.

## JORDAN &amp; GILBERT

1. *Scomberomorus regalis* (B.) — Synopsis — 1883 — Brasil.

## JORDAN &amp; SWAIN

Pr. U. S. Nat. Mus., vol. VII — 1884.

1. *Haemulon flavolineatum*, Desm., *H. album*, Cuv. & Val.

**Swain & Meek** referem á Fauna Brasiliense *MUGIL. TRICHOBOX*, Poey (Pr. U. S. Nat. Mus., 1884), *SYPHOSTOMA AFFINE*, Günther, por dois exemplares colligidos por C. F. Hartt na Bahia (Abrolhos) e mandados para Yale College. (Proc. U. S. Nat. Mus., vol. 7, pag. 239 — 1885.)

**Joseph Swain e Seth E. Meek** (Material colligido por C. F. Hartt nos Abrolhos) — 1884.

1. *Syphostoma crinigerum*, Bu. & Dresel;

**Rosa Smith Eigenmann & Carl Smith Eigenmann** — Rev. Amer. Gobidae & Callyonimidae — 1888 (Pr. Cal. Acad. Sci., I pte.):

1. *Dormitador maculatus* (Bl.)
2. *Eleotris perniger* (Cope) — op. cit. — Rio de Janeiro.
3. *Guavina guavina* (Cuv. & Val.), op. cit. — Ceará, Victoria, S. Mathens, Rio de Janeiro, Rio Grande do Sul e Goyaz.
4. *Gobiosoma molestum*, Girard.
5. *Chonophorus flavus* (Cuv. & Val.)
6. *Gobius soporator* Cuv. & Val. — Pará, Itabapoana, Bahia, Pernambuco, S. Thomé, S. Mathens, Rio Doce e Rio de Janeiro.
7. *Gobius stigmaticus* (Poey) — Rio de Janeiro.
8.       "       *smaragdus*, Cuv. & Val. — Rio de Janeiro.

## JORDAN &amp; GOSS

Report. Fish Comm. for 1886-1889

1. *Etropus crossotus*, Jord. & Gilbert. — Mus. Comp. Zool. Cambr.
2. *Citharichthys spilopterus*, Günther Expl. Pará até Rio de Janeiro — 1889.
3. *Achirus garmanni*, Jord. & Goss — Rio Grande do Sul.
4. *Achirus asphyxiatus*, Jord. & Goss — Goyaz.

## JORDAN &amp; EIGENMANN

1. *Epinephelus falcatus* (Poey.)
2. » *tigris* (Cuv. & Val.) — Maranhão.
3. *Stellifer rastrifer*, Jord. & Eigenm. Rept. Fish Comm. for — 1886-1889 — Santos, Maranhão e Bahia.
4. *Stellifer microps* (Steind.). Citando exemplares do Mus. Zool. Comp. procedentes do Pará.
5. *Stellifer naso*, Jord. & Eigenm. Mesma collecção — Brasil.
6. *Cynoscion steindachneri*, Jord. & Eigenm. loc. cit. — Curuçá, Brasil (CESTREUS STEIND.)
7. *Sagenichtys ancylodon* (Bl. & Schn.)
8. *Iridio kirschii*, Jord. & Everm. — Confundido por Cuv. & Val. com *JULIS CROTAPHUS* de Cuv. (Bahia) XIII — 1839.

## DAVID STARR JORDAN

Pt. U. S. Nat. Mus. — 1890

1. *Neomænis apodus* (Walb.) *LUTJANUS CANIS* — Bahia.
2. » *jocú* (Bl. & Schn.)
3. *Hæmulon carbonarium* Poey — Bahia, Rpt. for 1887-1891.
4. *Cryptotomus beryllinus* (Jord. & Swain) — Rio de Janeiro.
5. » *roseus*, Cope.
6. *Iridio bivitatus* (Bl.)
7. *Scarus guacamaia*, Cuv. & Val. — Bahia do Rio de Janeiro.
8. *Sparisoma radians*, Cuv. & Val. » » » » »
9. » *flavescens* (Bl. & Schn.) — Bahia do Rio de Janeiro.
10. » *haplomystax* (Cope) — Confundido por Castelnau com *S. RADIANS* de Cuv. — 1855.
11. *Scorpæna grandicornis* (Cuv. & Val.) — Cat. Fishes North Amr. — 1885.
12. *Platophrys ocellatus*, Agass.

## HERMANN VON HERING

Koseritz Deutscher Volkskalendar — 1893

1. *Balistes carolinensis*, Gm. — Rio Grande do Sul.
2. *Parona signata* (Jenyns). » » » » »

## JORDAN &amp; FESSLER

Rpt. U. S. Fish. Comm. — 1893

1. *Calamus bajonado* (Bl. & Schn.) — Porto-Seguro, Mus. Comp. Zool.
2. » *penna* (Cuv. & Val.) — Camamu, Rio Grande do Sul.



3. *Hæmulon bonariense* (Cuv. & Val.) — Atribuído á Fauna Brasiliense desde que Jordan e Fessler identificaram-no á *H. CANA* (de Cuv. & Val.), da Martinica.
4. *Pomadasys ramosus*, Poey.
5. *Crocrô* (Cuv. & Val.)

## COPE

*Geophagus brachyurus*, Cope, Pr. Amer. Philos. — 1894. Soc. Rio Grande do Sul.

## BOULENGER

Cat. B. Mus., IIa. Ediç., 1 vol. — 1895

- Oxylabrax pectinatus* (Poey) — 1895 — Pernambuco.  
 " *parallelus* (Poey) — 1895.

## JORDAN &amp; EVERMANN

Bul. 47, U. S. N. Mus. — 1896

1. *Cypsilurus nigricans* (Bennet.)
2. *Sphyræna picudilla*, Poey.
3. *Seriola rivoliana*, Cuv. & Val.
4. *Lactophrys bicaudalis* (L.)
5. *Eucinostomus pseudogula* (Poey) — 1896.
6. *Diapterus rhombeus* (Cuv. & Val.) — 1896.
7. *Diapterus olisthostomus* (Gde. & Bu.) — Se ficar provado que *GERRES AURATUS* DE Ranzani não é identico á presente especie.
8. *Eupomacentrus caudalis* (Poey) — 1898.
9. *Batrachoides surinamensis* (Bl. & Schm.) — 1898.
10. *Blennius cristatus* (Linneus) — 1898.
11. *Apogon maculatus* (Poey).

## PERUGIA

Ann. Mus. Civ. di Genova, 1897 — Vol. XVIII (II)

*Batrachops ocellatus* (Perugia) — Procedencia do Alto Paraguay.

## JORDAN &amp; FORDICE

1. *Peprilus parú* (L.), dado como PROVAVEL — Pr. Acad. Nat. Sci. Philad. — 1884 — verificado por Mir. Rib. — 1903.

## EIGENM., MC. ATEE &amp; WARD.

Ann. Carnegie Museum., vol. IV, n. II — 1907

1. *Chaetobranchopsis australis* (Eigenm. & Ward.)

## STARKS

« The Fishes of the Stanford Expedition to Brasil — Leland Stanford Jr. University Publications — 1913

1. *Iridio irideus* Starks.
2. » *penrosei* Starks.
3. *Scarus croicensis* (Bl.) — Natal.
4. *Gobius glaucofrenum* (Gill.) — Natal.
5. » *boleosoma* (Jord. & Gill.) — Natal.
6. *Microgobius meeki* Everm. & Marsh.
7. *Thalassophryne branneri* Starks.
8. *Gobiesox barbatus* Starks.
9. *Pterophryne histrio* (L.)
10. *Dactyloscopus tridigitatus* Gill.
11. » *crossotus* Starks.
12. *Auchenopterus rubicundus* Starks.

## EIGENM. &amp; KENNEDY

Pr. Acad. Nat. Sci. Philad. vol. LV — 1903

1. *Heterogramma trifasciatum*, Eigenm. & Kennedy.

## REGAN

1. *Crenicichla wallacii*; Regan — Pr. Z. Soc. Ld. — 1905.
2. *Heterogramma corumbæ* Regan — An. & Mag. Nat. Hist. vol. XVII — 1906.
3. *Prionotus beani* Goode — Pr. Zool. Soc. Ldn. — 1903.

## WEBER

Nederl. Dierk. Verein — 1910

1. *Notopogon shoteli* (Weber).

## ROBERT CUSHMAN MURPHY

1. *Caranx lugubris* (Poey) — Trindade — 1914.

## GOMES DE FARIA

« Jornal do Commercio » — Maio, 1914

1. *Xiphias gladius* (L.)

De 1903 em diante começaram á apparecer provas da nossa ingerencia em questões de ichthyologia, no grupo de que óra tratamos.

A' principio demos uma lista, incompleta, do material do Museu, em collaboraço com' o nosso pranteado amigo C. Schreiner; onde verificámos, no alludido grupo, as quatro especies seguintes.

As demais tiveram publicidade nas Pescas do Annie (ns. 4 á 7 — Abril á Julho de 1903) no Relatorio do Ministerio da Agricultura, no Boletim do mesmo Ministerio ou aqui nestes Archivos.

## SCHREINER &amp; MIR. RIB.

Arch. Mus., vol. XII — 1903

1. *Belone trachura*, Cuv. & Val. — FERNANDO DE NORONHA.
2. *Chilomycterus atinga* (L.) — FERNANDO DE NORONHA.
3. *Sphaeroides adspersus*. Schr. & Mir. Rib. — FERNANDO DE NORONHA.
4. *Ranzania truncata* (Retzius) — S. Christovam, Egreja.

## MIRANDA RIBEIRO

(Pescas do Annie — 1903 — Cat. da Exposição do Pesca de 1908 — Bol. Min. da Agricultura e Archivos do Mus.)

1. *Potamorhaphis eigenmanni*, Mir. Rib. — Especie destacada de POTAM. GUIANENSIS, Eigenmann & Mc. Actee, Annals Carnegie Museum, vol. IV, n. 11, 1907.
2. *Scombrosox saurus* (Wallb.) Ref. á Fauna Brasiliense por ter sido encontrada ao Norte e ao Sul do Brasil — no Atlantico.
3. *Hyporhamphus kronei*, Mir. Rib. — vol. XVII — Archivos
4. *Cypsilurus heterurus* (Raf.) — idem
5. *Mugil platanus* (Günther) — idem
6. *Querimana brevirostris*, Mir. Rib., idem
7. *Kronia iguapensis*, Mir. Rib., idem
8. *Chirostoma humboldtianum* (Cuv. & Val.) — Nas condições de S. SAURUS. idem
9. *Pseudothyria iheringi*, Mir. Rib., idem
10. *Fistularia rubra*, Mir. Rib. (Pescas do Annie.) — 1903.
11. *Macrorhamphosus scolopax* (L.), } Pescas do Annie — 1903.
12.       »       *velitaris* (Pallas) }
13. *Sphyræna branneri*, Mir. Rib. — Archivos, vol. XVII.
14.       »       *sphyræna* (L.), idem.
15. *Zenopsis conchifer* (Lowe) — Pescas do Annie — 1903.
16. *Evoxymetopon tæniatus* (Poey), Relat. do Ministerio da Agricultura.
17. *Oligoplites rathbunni*, Mir. Rib., Arch., vol. XVII.
18. *Alectis ciliaris* (Bl.), idem.
19. *Trachurus trachurus* (L.) Pescas do Annie — 1903.
20. *Decapterus macarellus* (Cuv. & Val.) Archs, vol. XVII.
21. *Seriola carolinensis* (Holbr.).
22. *Naucrates ductor*, L., idem.
23. *Ruvettus pretiosus* Cocco, idem.
24. *Scomber colias*, Gml. Annie — 1903.
25. *Sarda sarda* (Bl.) Archiv. vol. XVII.
26. *Thunnus alalunga* (Gml.) — 1908 (Cat. Pesca.)
27. *Toledia macrophthalma* Mir. Rib.
28. *Diodon holacanthus* L.
29. *Chilomycterus tigrinus* (L.) — Duvida.
30. *Liosacus intermedius* Mir. Rib. — 1903.
31. *Alutera monocerus* (L.) — 1903.

a) *Mugil cephalus*, sem proced. det. (Brasil), foi obtida por mim em Santos e *Diodon holacanthus*, L. — ref. para a Am. do Sul — por Günther tambem foi por mim verificado do Brasil.

32. *Antigonia capros*, Lowe. — 1903
33. *Pomacanthus rathbuni*, Mir. Rib.
34. *Pempheris schreineri*, Mir. Rib.
35. *Dermatolepis inermis*, Cuv. & Val.
36. *Serranus cernipedis*, Mir. Rib.
37. *Odontanthias duplicidentatus*, Mir. Rib. — 1903.
38. *Chilodactylus macropterus*, Bl. & Schm.
39. *Pagrus pagrus* (L.) — 1903.
40. *Calamus arctifrons*, Gde. & Bn.
41. *Archosargus probatocephalus* (Walb.)
42. *Mulloides macrophthalmus*, Mir. Rib.
43. *Pseudomulloides carmineus*, Mir. Rib.
44. *Mullus surmuletus* (L.) — 1903.
45. *Micropogon undulatus* (L.) — Ref. em duvida 1895, Jord. & Everm. — Mir. Rib. — Archv., vol. XVII
46. *Nebris microps*, Cuv. & Val.
47. *Archoscion petranus*, Mir. Rib.
48. *Scarus coelestinus*, Cuv. & Val.
49. *Scarus caeruleus*, Bl.
50. *Lopholatilus villari*, Mir. Rib.
51. *Pseudopercis numida*, Mir. Rib. — 1903
52. *Astroscopus y-grecum*, Cuv. & Val. — Cat. Exp. Prefeitura — 1908.
53. *Hypsicometes heterurus*, Mir. Rib. — 1903.
54. *Lophius gastrophysus*, Mir. Rib. Archs., vol. XVII
55. *Antennarius scaber* (Cuv.) — 1903.
56. *Peristedion roseum*, Mir. Rib. — 1903.
57. *Pontinus corallinus*, Mir. Rib. — 1903.
58. *Hypoleurochilus geminatus* (Wood.)
59. *Urophycis chuss* (Walb.) — 1903.
60.     "      *latus*, Mir. Rib. — 1903.
61.     "      *mystaceus*, Mir. Rib. — 1903.
62. *Genypterus blacodes*, Bl. & Schm. — 1903.
63. *Merluccius bilinearis*, Mitch. — 1903.
64. *Xystreuris notatus*, Berg. — 1903.
65. *Paralichtys triocellatus*, Mir. Rib. — 1903.
66.     "      *bicyclophorus*, Mir. Rib. — 1903.
67. *Citharichthys rathbuni*, Mir. Rib.
68. *Gymnachirus zebrinus*, Mir. Rib. — 1903.
69. *Achirus errans*, Mir. Rib.
70.     "      *paulistanus*, Mir. Rib.
71. *Echeneis albescens*, Temm. — Arch. Mus., vol. XVII.
72. *Bathystoma rimator* Jord. & Swain. (1)
73. *Melichthys piceus* (Poey). (2)
74. *Oncocephalus truncatus* (Cuv. & Val.) — Santos.

(1) (*Bacmulon melanurum*, Bl.) não pôde ainda ser trazido à Fauna Brasileira, apesar da identificação de Jordan e Evermann, sobre a qual mantenho duvidas.

(2) Günther assigna para o Atlantico tropical. Em 1903, Cat. Mus., referimos exempls. trazidos por Branner de Fernando de Noronha. Actualmente possui o Museu outros exemplares da Trindado, ex-B. Lobo.

Das memorias até agora citadas, deixei excluidos da Fauna Brasileira — *Blennius pantherinus* e *Scorpaena serotina* de Cuv. & Val., referidos como boas especies por Jordan, na sua analyse dos typos dos Mus. de Paris (Pr. U. S. Nat. Mus., vol. IX — 1886). Do primeiro, até agora não me foi possível obter exemplares e a descripção de Jordan é muito pobre (1); do segundo só nos ultimos tempos da existencia da Inspectoria da Pesca foi-me possível obter bons exemplares procedentes de aguas fluminenses.

Egualmente não citamos outras formas que existem nas collecções do Museu; pelo simples motivo de que nenhuma indicação as acompanhava e serem formas raras que se não pôde attribuir á nossa fauna, só pelo facto de pertencerem á collecções brasileiras.

Com relação ao genero *Lepophidium*, Gill, deixo apenas referido *Ophidium brevibarbe*, á cuja synonymia reino *Leptoph. fluminense*, por mim descripto em 1903 na "Lavoura", Pescas do Annic. Quanto á *Ophidium brasiliense* Kaup, acho prudente não incluí-lo; a diagnose é insufficientissima e se refere aos barbilhões curtos, ausencia de aculeo no focinho e somente a dorsal orlada de negro.

Gill, referindo-se á *L. brevibarbe* diz o seguinte: "É provavel que o *Ophidium brevibarbe*, indicado por Cuvier e Kaup, pertençam á este genero (*Leptophidium*). Por Cuvier elle foi simplesmente alludido n'uma nota do Règne Animal, enquanto que por Kaup uma curta diagnose foi dada no Catalogo dos peixes Apodos. Como as noticias das especies de Kaup, como a maioria das diagnoses d'este cavalheiro, só servem para distinguil-o de especies de seu conhecimento, não se pôde ter uma idéa clara no que concerne a suas afinidades." Gill, (Goode & Bean-Oceanic Ichthyol, pg. 346—1895.

De *Urophycis brasiliensis* (Kaup) (2) recebi egualmente um exemplar de procedencia brasileira.

(1) A descripção de Jordan é a seguinte: Especimen em boas condições. Brasil Gaudichaud: Um verdadeiro *Blennius*; com cirrhos trançados sobre os olhos e caninos rijos em ambas as maxillas. Membranas de guelras livres deste o isthmo. Dorsal continua. Os espinhos não muito dissemelhantes dos raios brandos. D. XI+21; A 22. Corpo largamente manchado do escuro.

A descripção de Cuv. & Val. é um pouco mais detalhada: Os mares do Brasil nutrem um *Blennio* de tentaculos curtos e palmados que tem a cabeça sem crista e um sulco largo e profundo entre os olhos, formado principalmente porque os bordos das orbitas são elevados. O perill desce obliquamente para a bocca. O comprimento da cabeça é pouco mais ou menos 1/3 do total. Os dentes são fortes, sobre uma unica fila e um pouco achatados. Ha um forte canino no angulo de cada maxilla conto.  $\frac{23}{21}$  D. 11/21; A. 2/11; C. 12; Ps. 15; Vs. 2. Este peixe tem o lombo mais escuro que o ventre, e coberto de manchas redondas esparsas, irregulares mais juntas no lado dorsal; e ahí como que produzindo fachas difusas. Duas fachas denegridas atravessam-lhe a garganta. As nadadeiras são transparentes e pontilhadas de pardacento; estas pouco maiores e mais justos sobre a anal. escurecem esta nadadeira. Quatro polegadas ».

(2) D. 8 a 10 + 55 a 58; A. 45 a 50; L. lat. 132. Cabeça 1 e 1/2; altura 6 e 1/4. Olhos 6 a 6 1/2 na cabeça. Angulo da bocca sob a orla posterior da orbita. Aculeo opercular obsoleto. Dorsal pouco posterior á axilla das peitoraes que são arredondadas no extremo posterior e attingem a base de 11º raio da segunda dorsal. O terceiro raio da primeira contem o comprimento da cabeça cerca de 1/2 vez e meia, o das ventraes 2 e 1/3. A peitoral igual ao comprimento da parte post-oral da cabeça. Coloração plumbea carnea. Os raios longos da primeira dorsal e das ventraes com a parte livre negra; raio menor das ventraes branco. Dorsal e anal indistinctamente fimbriadas de negro; a caudal com uma indistincta tumbria pallida. A parte inferior do corpo alvadia finamente punctulada de negro.

Um exemplar medindo 24 centimetros e mandado de Iguape — S. Paulo, pelo Sr. Ricardo Krone.

\* \* \*

A systematica do grupo constituinte d'este tomo, tem sido um dos mais difficéis assumptos da morphologia moderna, devido, de um lado ao grande numero de formas, de outro á lentidão com a qual os conhecimentos sobre a embryologia se vão ampliando.

No primeiro tomo d'este trabalho, (1) foi dada uma enumeração historica da concepção dos principaes systemas ichthyologicos; e visto que não havia ainda oportunidade para a discussão da parte referente ao grupo agora em fóco, parámos ante os systemas de Régan e Boulenger, os seus ultimos e mais eminentes synthetisadores, com uma synthese do nosso modo de ver todos os grandes grupos em conjuncto.

Da pag. 103 em diante deixámos dadas as razões porque não accetámos as designações *Malacopterygios* e *Acanthopterygios* de Ray & Willughby, nem mesmo depois de restringidos por Artedi, Cuvier, Valenciennes e João Müller; e porque preferimos a designação de Lutken, accetando a terminologia *Physoclistes* e *Physostomi* para os dous grandes sub-grupos da pag. 122 (tomo I — 1906).

E não temos motivos, attendendo ao lapso decorrido da publicação d'aquelle tomo ao deste, para modificar o nosso modo de ver, senão, ao contrario, para verificá-lo robustecido pelo consenso de outros auctores, cujos resultados, se não são identicos, ao menos justificam cada vez mais um tal modo de ver, não só sobre estes sub-grupos como sobre as divisões anteriores.

Assim é que Regan em 1910 chegava ás seguintes conclusões quanto aos *Chimæroides*:

« Os *Holocephali* (ou *Chasmatopnea*) podem ser collocados em opposição aos *Pleuropterygios* *Acanthodes*, *Ichthyomus* e *Euselachios* que formam o grupo *Trematopnea*, do qual elles differem em certas feições de especialização. O character essencial dos dous grupos póde ser contrastado como se segue:

## TREMATOPNEA

Guelras abrindo-se directamente para o exterior — Pterygo-quadratum distincto do craneo.

## CHASMATOPNEA

Guelras abrindo-se n'uma camara com uma unica abertura externa. Pterygo-quadratum fundido com o craneo.

Os *Chasmatopnea* são claramente *Trematopnea* modificados e a presença de *myxopterygia* evidencia a relação entre os *Holocephalos*, *Ichthyomus* e *Euselachios*; porém, uma comparação d'alguns dos caracteres essenciaes d'essas ordens, mostra que a primeira não é derivada de

(1) Archivos do Museu, vol. XIV — 1907.

qualquer das outras, porém que todas tres se originam do mesmo estema.»  
 (The origin of the Chimaeroid Fishes — Proceedings of the Seventh International Zoological Congress — Boston — August 1907 — Mass., 1910.)

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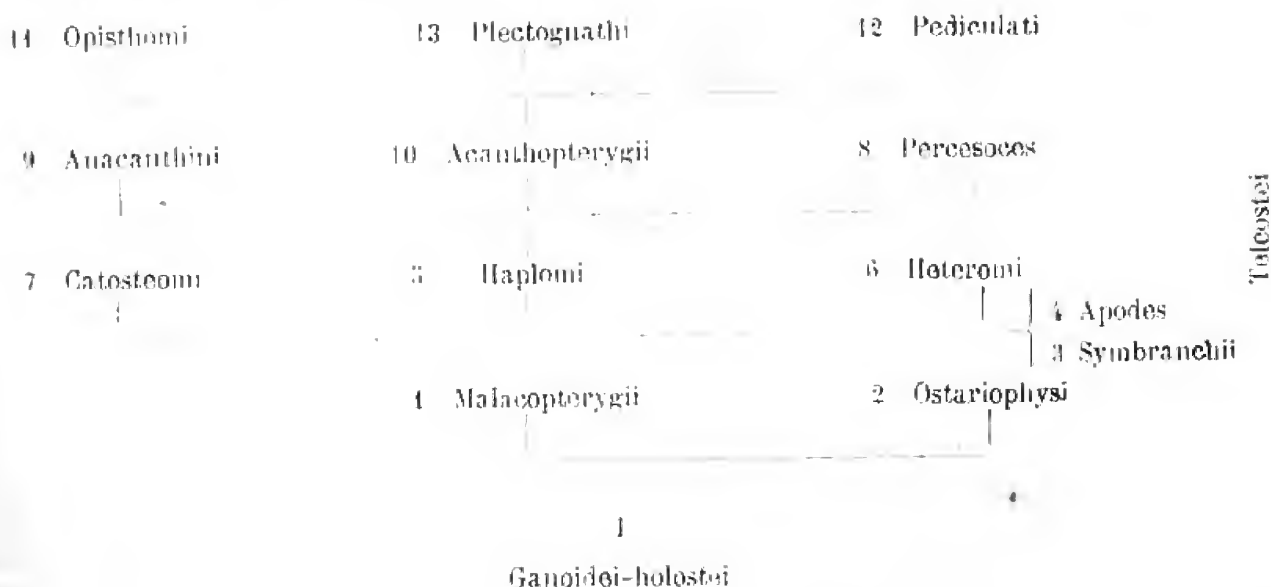
Ora, á pag. 124 do tomo I, escrevemos: E d'este modo nos parece que justificámos a presença dos *Holocephalos* ou *Chismomyxos* etc. no grupo dos *Eleutherobranchios*.

N'essa epocha nada absolutamente sabiamos á respeito das phases larvares de certas formas que de ha muito nos intrigavam viz *Gymnodontes typici*, *Sclerodermata*, etc.

Actualmente, ainda os trabalhos de Régan (Pr. Zol. Soc. Ld., II, pág. 284 — 1902) vem nos trazer o subsidio de que não só *Triodon*, cuja feição de *Gymnodonte* tem muito mais que ver com os *Sclerodermata typici* do que com os proprios *Gymnodontes* e que os Ostracodermas estão-lhes intimamente ligados; como ainda, reproduzindo uma larva de *Monacanthus scaber*, mostra a facies *Chimaeroide desta* e vem, por ahi, revelar as ligações phylogeticas provaveis dentre esses dous grupos de *Eleutherobranchios* — facto aliás já presentido pela fina intuição zoologica de Günther que, no celebre "Catalogo dos Peixes do Museu Britannico", os descrevia (no VIII volume) perto dos *Chimæroides*.

\*

A ultima concepção de Boulenger sobre o grupo dos *Teleosteos*, vem synthetisada do seguinte modo, á pag. 542 dos Peixes da "Cambridge Nat. History" (vol. VII — 1910):



Substituído o termo *Teleostei* por *Aspirophori* vemos ahi a indicação da nossa chave da pg. 122, dando os *Ganoides-Holosteos* como tronco dos

*Physostomos e Physoclystos.* Verificando na concepção de Boulenger os Physostomos (sub-ordens 1 á 5) temos que Boulenger considera os Physoclysti divididos em Heteromi, Catosteoimi, Percosoces, Anacanthini, Opisthomi, Pediculati e Plectognathi.

Volvendo agora á Regan e os Chimæroides, vem-o continuar do seguinte modo :

« Assim, na estrutura das peitoraes os Holocephalos são mais primitivos do que os Ichthyinos, pois os raios anteriores retêm sua ligação ao arco peitoral.

« Em muitos detalhes os Holocephalos são mais primitivos que os euselachios e podemos notar especialmente :

## HOLOCEPHALI

O arco hyoide é essencialmente semelhante aos arcos branchiaes succedentes ; o pharyngo-hyal é bem desenvolvido e o hyomandibular não é ligado ao craneo.

O pelvis fica separado.

O esqueleto do myxopterygio consiste em uma cartilagem axial, sem cartilagens terminaes ou separadas.

## EUSELACHIOS

O arco hyoide é modificado em conexão com a suspensão das maxillas ; o pharyngo-hyal está ausente e o hyo-mandibular articulado ao craneo.

O pelvis une-se formando uma cartilagem unica.

O esqueleto do myxopterygio consiste em uma cartilagem axial e um par de cartilagens marginaes, ás quaes se articulam varias peças terminaes.

« Devemos notar, continúa Regan, que os Cestracions são verdadeiros Euselachios, possuindo as particularidades acima mencionadas ; e que de modo algum não são generalizados, ve-se pela ampla divergencia em estrutura das nadadeiras dorsal e peitoral do primitivo typo euselachiano, retido em Scylliorhinidae.

« Uma analyse dos caractères que foram suppostos evidenciar a affinidade entre os Cestracions e os Holocephalos, só dá mais força á concepção de que elles não são relacionados.

« Assim, referio-se que ha semelhança na dentição. Mas está fartamente claro que a placa dentaria dos Chimæroides é uma estrutura composta e consiste em varias series de dentes encaixados n'uma matriz conjunctiva, cousa muito differente da placa dentaria coeliodonte que é formada pela fusão directa dos dentes de uma ou mais series.

« O aculeo dorsal dos Holocephalos e Cestracions foi comparado, porém parece muito improvavel que elles sejam homologos. O aculeo da nadadeira dos cestracions parece ser um denticulo dermico augmentado (Mayer nota e figura — Mittheill. Zool. Stat. Neapel, pg. 6 — 1889, pg. 280 — dois estados no desenvolvimento do aculeo dorsal dos Squalidae, que differem



*consideravelmente dos estados Chimæroides figurados por Dean, figs. 85-92 e est. IX, fig. 50, de modo que a embryologia revela a conclusão formada pela comparação das estruturas do adulto, de que os aculeos dorsaes dos chimæroides e esqualoides não são homologos), ao passo que o aculeo da nadadeira chimæroide resulta provavelmente da calcificação e da fusão das estruturas dermicas da orla anterior da nadadeira.» (Regan, op. cit.)*

Nos "Larval and Post-Larval Fishes (British Antarctic Terra Nova Expedition" — 1916), Regan figura um specimen post-larval, medindo 5<sup>m</sup>/m, de *Monacanthus scaber*, Forst., pescado junto ao Cabo Norte, Spirits-Bay, N. Zelandia, — est. X, fig. 3.

A inspecção da esplendida figura revela um animal de dentes reunidos em massa como qualquer Tetrodonte, com uma depressão frontal, um aculeo na primeira nadadeira, uma nadadeira caudal com um prolongamento Brasilar mediano e uma apresentação pelviana sui generis. Considerando esse desenho tem-se uma reminiscencia bem apreciavel do typo chimæroide. Dirse-ia uma chimæra sem peitoraes e que das ventraes apenas restassem os elaspers — desde que, está claro, não quizessemos entrar na apreciação de outros dados morphologicos. Mas essa apparencia chimæroide do alguns Plectognathas é aliás lembrada pelo facies externo anterior de algumas de suas formas, viz *Lagocephalus*, onde até vamos encontrar uma linha lateral de distribuição analoga.

Esta repetição de caracter, junto ao afastamento encontrado nas comparações de Holocephali e Cestraciontes, vem justificar, em vista da tendencia geral de attribuir aos Ganoides Holosteos o ponto de partida dos Teleostei, senão o ganho de causa, ao menos a justificativa da opinião de Zittel sobre a independência dos Holocephali do grupo Euselachii e a sua provavel relação com a fonte originaria dos Ganoides.

Com effeito não podemos admittir uma tal relação morphologica entre a larva de *Monacanthus* e *Chimæra* e aquelle e os *Tetrodontes*, attendendo-se ás relações destes ultimos para com os Physoclistos typicos, *sem a possibilidade de um estema ancestral commum, como o suppoz Zittel.*

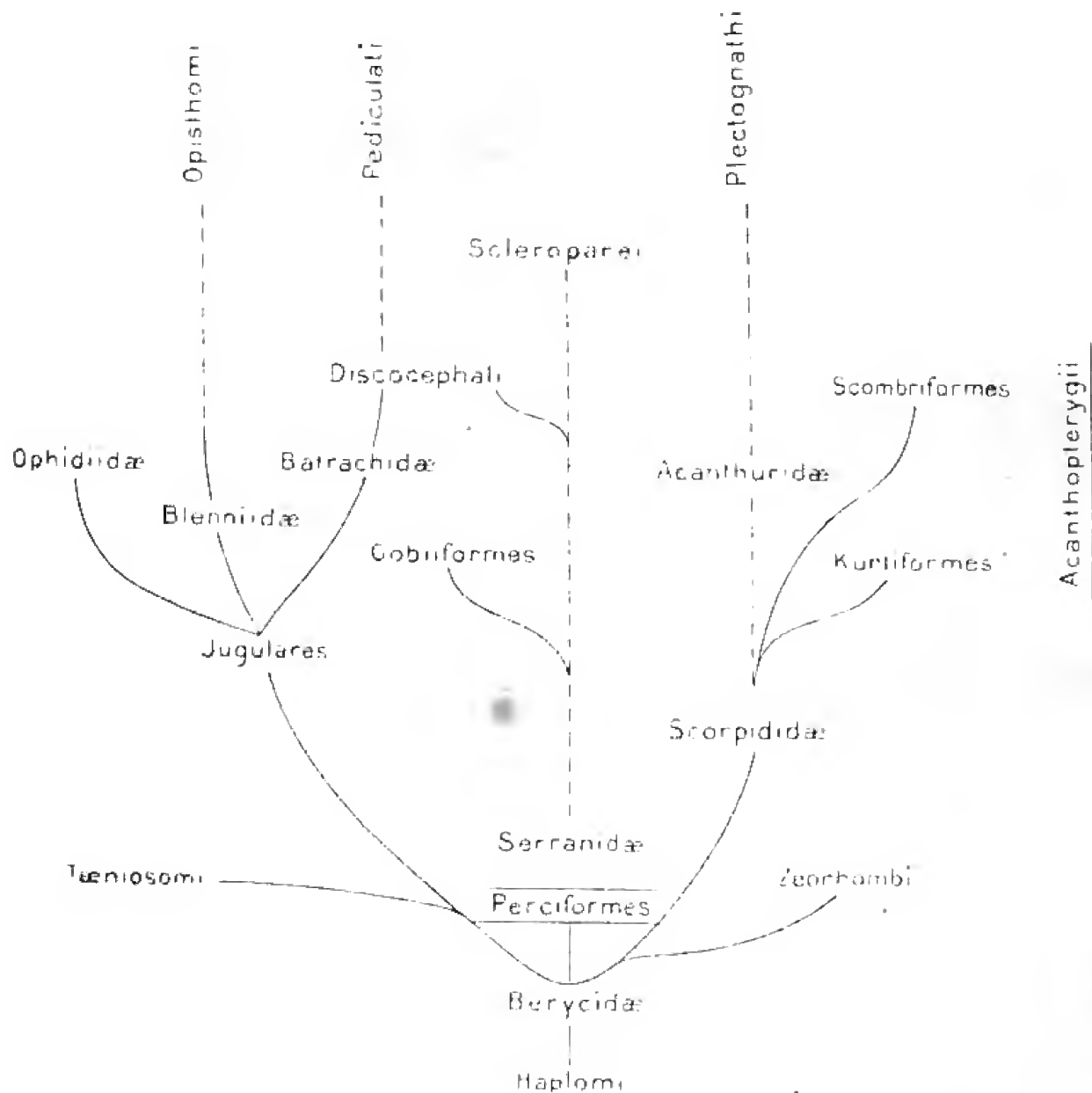
A larva de *Monacanthus* vem nos lembrar ainda a relatividade dos nossos conhecimentos sobre os demais grupos dos Physoclistos e vem provar, ainda, a impraticabilidade do grupo dos Acanthopterygios, com as sequencias lembradas por Boulenger.

Assim, os Plectognathas que chamamos aqui Esclerodermas, pela identidade natural do caracter das ossificações da pelle, devem constituir um grupo autonomo anterior á qualquer outro grupo dos Physoclistos; e sem outra relação com estes, além de trazer-lhe a referencia do grupo dos Chimæroides a que acima nos referimos, e nunca como um ramo que ir-

rompesse de *Berycidae*, typo muito mais ichthyco do que os Esclerodermas em geral.

Volvendo á concepção de Boulenger :

Pondo de parte, como grupos autonomos, os Heteromios (Halosauros, Notacanthus, etc.) e os Catosteomos (Lampris, Fistularia, Macrorhamphosus, Solenostoma etc.) e dando os *Haplomi* como estema, assim explica elle as provaveis relações ou Physoclistas :



Seccionando os Acanthopterygii em 9 divisões: I. Perciformes; II. Scombriformes; III. Zeorhombi; IV. Kurtiformes; V. Gobiiformes; VI. Discoccephali; VII. Scleroparei; VIII. Jugulares; IX. Taeniosomi.

Verifica-se neste systema dous inconvenientes, pela dissociação dos subgrupos, passando pelos Berycideos de um lado e pela constituição das secções dos Acanthopterygii, cujo senso aqui não é o primitivo, com os compostos filiados á palavra *forma*.

Se o primeiro inconveniente é explicavel pela difficuldade apresentada pela presença do ducto oesophagiano da vesicula natatoria, em face de qualquer arranjo *dichotomo*, o segundo, apesar de não ser de Boulenger, *não deixa de ser repetido pelo famoso ichthyologista*.

Sabido que *forma* e *eidos* significam a mesma causa, teremos que, quando dizemos *Perciformes* ou *Percidae*, estamos nos referindo aos peixes que têm a *forma*, a *semelhança* da Perca.

É como as divisões baseadas na fórma (geralmente externa) estão reservadas para designar as *familias*, segue-se que, com isso, produzimos uma repetição e uma confusão realmente lamentaveis.

A divisão dichotoma de Lutken é tão simples que o exemplo de *Bathyclupea* não deve lhe fornecer obstaculo; demais, se nós vamos achar razão na permanencia de grupos como *Ostariophysii*, baseada nos ossiclos weberianos em função do ducto oesophagiano da vesicula, com mais razão devemos considerar a sua existencia ou ausencia como um guia razoavel para os nossos conhecimentos actuaes.

Desde que o que se observa na Natureza é uma *dichotomização constante*, pela *differenciação de caractéres especiaes*, a passagem do grupo dos *Acanthopterygios* pelo centro *Beryx*, poderá conduzir, quando muito, aos "Perciformes", typo ichthyco por excellencia; mas pensamos que, partindo ou não do grande centro de dissociação, constituido pelo estema dos Ganoides, os *Plethognathas* sejam antes um traço inferior aos *Acanthuridae* (conduzindo aos *Squampinnes*?), sem dependencia alguma dos *Berycidae*.

Esta característica fórma deve dar passagem aos *Percoides sensu strictu*, no qual sejam incluidos os *Pediculados* e *Batrachoides*. É preciso não esquecermos as possibilidades de adaptação dos peixes em geral, e que o destacamento das ventraes póde se dar com tanta ou maior facilidade, quanto sabemos que a sua ablação se deu em varios grupos — tanto nos *Physoclistos* como nos *Physostomos*.

As relações de affinidade entre os *Zeorhombi* de Boulenger e os *Sciænoides* auctorum, são evidentes. Mas o seu afastamento de *Beryx* é tambem palpavel.

O nosso modo de ver collocar-o-ia isoladamente, partindo da fórma originaria (*Amphistoma*), por um lado, quando já em grupo em que os *Sciænoides*, completamente evoluidos, tivessem significação própria e partindo do estema commum aos *Ganoides* e aos *Blennioides*.

As mais modernas divisões de Tate Regan são as que mais se approximam do sentimento que recebemos da inspecção de todo o grupo dos peixes, a par de uma simplicidade verdadeiramente empolgante. (1) Segundo o

(1) Regan allia-se a Gill; já dissemos á respeito do systema de Gill.

ultimo fasciculo da Zoological Record, ao nosso dispor (1913), elle assim comprehende todos os peixes :

Marsipobranchii				
Pisces . . . .	Selachii . . . .	Euselachii . . . . .	Holocephali . . . . .	Pleurotremati. Hypotremati.
Ostracodermi.				
Arthrodira.				

Não é, entretanto, possível a admissão dos grupos — Pisces, Ostracodermi e Arthrodira, os dois ultimos autonomos e o primeiro com as subdivisões preferidas.

Com effeito, deixando de parte a repetição do termo *Pisces*, contra a qual já nos manifestámos a pag. 115 do tomo I (1916), vemos em primeiro logar que os grupos *Rhipidistia*, *Actinistia* e *Dipneusti* estão muito melhor definidos do que qualquer das subdivisões dos Neopterygii e que os seus caracteres geraes não os separam entre si e, antes, induzem á acceitação plena da sua apresentação em um grupo.

Nenhuma vantagem se observa na criação dos neologismos *Paleopterygii* e *Neopterygii* — porque os Rhipidistia, Actinistia e mesmo os Dipneusti são paleopterygii, com tendencia á simplificação destes ultimos.

E a divisão dos *Neopterygii* vem incidir nas repetições, incrépadas já de prejudiciaes, quando acima nos referimos ás designencias *morphi* e *eidos*, para constituição dos grupos secundarios :

Neopterygii																				
Protospondyli.	Isospondyli.	Ostariophysii.	Isiomi.	Apodes.	Lyomeri.	Microcyprini.	Synentognathi.	Anacanthini.	Selenichthyes.	Berycomorphi.	Zecomorphi.	Percomorphi.	Heterosomata.	Scleroparei.	Plectognathi.	Discocephali.	Xenopterygii.	Pediculati.	Symbranchii.	Opisthomi.

Parece-nos que o estudo ponderado das fórmulas larvares, conforme mesmo os trabalhos do proprio Tate Regan, não autorizam uma tal subdivisão, em que pese a sua affirmativa de que “esse estudo confirma o verificado” na systematica baseada, principalmente, na morphologia.

Se o principio de Fritz-Müller é verdadeiro, como elle diz, tambem para o grupo dos peixes, a conclusão lógica á tirar das fórmulas larvares viria deixar reunidos os Isospondylos, os Apodes e os Symbranchii; os Percomorphos, os Scleropareos, os Pediculados, o que já basta para modificar as divisões de Regan.

O que esse estudo parece indicar é que, fóra a larva dita, *Leptocephalus*, já perfeitamente definida e sufficiente para indicar as relações de grupos

que nos importam pouco neste tomo, vemos um outro typo *Chimæroide*, perfeitamente representado em os Plectognathi e reaparecendo vagamente em Zeomorphi, Selenichthyes, Percomorphi, e capaz de por si só justificar as subdivisões de Claus no isolamento anterior do primeiro grupo citado e consequente reunião de todos os outros.

No estado actual da embryologia comparada, muito ha ainda por fazer com relação ás interpretações phylogeticas para filiação dos grupos; e dali nos parecer melhor tentar por uma distribuição artificial provisoria, com o intuito unicamente taxonomico, na grande secção dos Physoclisti, como os entendia Lutken, acompanhando, por certo, tanto quanto possivel, os conhecimentos da ichthyologia de hoje, pois, como muito sensatamente nos disse Steindachner, só ousadamente podemos pretender alguma cousa de definitivo em tal terreno.

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fig. 1 — 1785; Bloch. & Schn., Syst., pg. 112 — 1801; Lacép., vol. 1, est. 19, fig. 3 e vol. II, pgs. 86 e 95; *Macrorhamphosus cornutus*, Lacépède, vol. V, pgs. 136 e 137 — 1803; *Solenostomus scolopax*, Risso, Ichthyol. Nice, pg. 80 — 1810; *Centriscus scolopax*, Cuv., Règne Anim., pg. 350 — 1818; Flemm. British Anim., pg. 220 — 1828; Val. in Cuv. Règne Anim., pg. 210 — 1829; Jenyns, Man., pg. 400 — 1835; Yarrel, British Fishes, vol. 1, pg. 302 e 2ª ed., pg. 346, 3ª ed., vol. II, pg. 190 — 1841; Guérin & Men., Icon. Règne Anim., Poiss., est. 45, fig. 2 — 1838; *Macrognathus scolopax*, Gronow, Cat. Fishes, pg. 147 — 1854; *Centriscus scolopax*, Günther, Cat., vol. III, pg. 518 — 1861; Jord. & Gilbert, Synopsis, pg. 388 — 1883; *Macrorhamphosus scolopax*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. 1, pg. 759 — 1896; *Centriscus scolopax*, Vaillant., Exped. Scient. Trav. et Talism., pg. 338, est. XXVII, fig. 3; Goode & Bean, Oceanic Ichthyol., pg. 483 — 1896 e atlas, est. 117, fig. 396 — 1896; *Macrorhamphosus scolopax*, Mir. Rib., "Lavoura", pg. 165, ns. 4 à 7 — Abril à Julho de 1903 e Pescas do Annie (ed. sep.), pg. 22 — 1904.

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**Sphyræna branneri**, Mir. Rib. = *Sphyræna branneri*, Mir. Rib. — Fauna Bras., Peixes, tomo V, Sphyrænidae, pg. 4 — 1915 (Archiv. do Mus. Nac., vol. XVII).

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**Rachycentron canadus** (L.) = *Gasterosteus canadus*, Linnæus, Syst. Nat. ed. XII, pg. 491 — 1766; *Scomber niger*, Bloch., Ichthyol., vol. X, pg. 48, est. CCCXXVII — 1797; *Centronolus gardenii*, Lacép., Hist. Nat. Poiss., vol. III, pg. 357 — 1803; *C. spinosus*, Mitch., Trans. Litt. & Philos. Soc. N. York, vol. I, pg. 490, est. III, fig. 9 — 1815; *Rachycentron typus*, Kaup, Isis, pg. 89 — vol. de 1826; *Elacate pondiceriana*, *E. molta*, *E. malabarica*, *E. atlantica* e *E. bivittata*, Cuv. & Val., vol. VIII, pgs. 244 à 248, est. 233 — 1831; *Elacate canada*, De Kay, N. Y. Fauna, Fishes, pg. 113, est. 25, fig. 77 — 1842; *Elacate falcipinnis*, Gosse, Jamaica, pg. 208 — 1851; *E. nigra*, Günther, Cat., vol. II, pg. 375 — 1860; *E. nigra*, Jord. & Gilbert, Synopsis, pg. 418 — 1883; *Rachycentron canadus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 948 — 1896 e pt. IV, est. CXLVIII, fig. 401 — 1900.

**Cheilodipterus saltator** (L.) = *Percu saltatrix* e *Gasterosteus saltatrix* Linnæus, Syst. Nat., ed. X, pg. 293 — 1758; e ed. XII, pg. 491 — 1766;

*Cheilodipterus heptacanthus*, Lacép., vol. III, pgs. 539 a 542 — 1798; *Pomatomus skib.*, o mesmo, vol. IV, pg. 436 — 1802; *Lopharis mediterraneus*, e *Gonession serra*, Rafinesque, Ind. d'It., pgs. 17 e 53 — 1810; *Chromis epicurorum*, Gronow, Cat., ed. Gray, pg. 149 — 1854; *Tennodon saltatrix*, Cuv. & Val., Hist. Nat. Poiss., vol. IX, pg. 168 — 1833; Stor. Fish. Mass., pg. 159, est. 15, fig. 1 — 1839; Günther, Cat., vol. II, pg. 479 — 1860; *Pomatomus saltator* et. *P. saltatrix*, Jord. & Gilb., Syn., pgs. 448 e 914 — 1883; *Pomatomus saltatrix*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 947 — 1896 e pt. IV, est. CXLVIII, fig. 400 — 1900; *Cheilodipterus saltatrix*, Jordan, Guide to study of Fishes, II, pg. 278, fig. 218 — 1905.

**Trichiurus lepturus**, Linnaeus = *Trichiurus lepturus*, Linnaeus, Syst. Nat., ed. X, pg. 246 — 1758; Cuv. & Val., Hist. Naturelle des Poissons, vol. VIII, 473 — 1831; Günther, Cat., vol. II, pag. 346 — 1860; *Lepturus lepturus*, Poey, Enumeratio, pg. 94 — 1860; *Trichiurus lepturus*, Streets Bull. U. S. N. Mus., VII, pg. 46 — 1877; *Trichiurus argenteus*, Shaw, Gen. Illustr. Zool., IV, 90, est. 12 — 1803; *Trichiurus lepturus* Jordan & Gilbert, Sinopsis, pg. 422 — 1883; *Trichiurus lepturus*, Jord. & Everm. Bull. 47 U. S. Nat. Mus., pg. 889 (1ª parte) — 1896; est. CXXXVI, fig. 375 (pte. IV) — 1900.

**Evoxymetopon tæniatus**, Poey = *Evoxymetopon tæniatus*, Poey in Gill, Proceedings of the Acad. of Nat. Sci. Philad., 228 — 1863; Gill, op. cit., pg. 206 — 1864; Goode & Bean, Oceanic Ichtyol., pg. 204 — 1895; Jordan & Evermann, Bull. 47 U. S. Nat. Mus., pt. I, pgs. 885 e 886 — 1896 e pt. IV, fig. 372 (est. 134) — 1900; Mir. Rib., Relat. Min. da Agricultura para 1913 — Relat., pg. 76.

**Parona signata** (Jenyns) = *Paropsis* (procc. por Oliver — 1807) *signata* Jenyns Zool. Beagle, Fishes, pg. 66, est. 13 — 1842; Günther, Cat., vol. II, pg. 486 — 1860; Steindachner, Sitzungsber. Akad. Wien LXXII, pg. 77 — 1875; Lütken, Vidensk. Selsk. Skr. (5) — XII, pgs. 6, 104 e 512 — 1880; Perugia, Ann. Mus. Civ. di Genova (2) X (XXX), pg. 614 — 1891; *Parona signata* Berg., An. Mus. B. Aires, vol. IV, pg. 39 — 1895; Lahille, Anales Min. Agricultura Rep. Argent., tomo III, n. 1, pg. 200 — 1906.

**Oligoplites saurus** (Bl. & Schn.) = *Scomber saurus*, Bloch. & Schneider, Syst., pg. 321 — 1801; *Centronotus argenteus*, Lacépède, Hist. Nat. des Poiss., vol. III, pg. 316 — 1802; *Lichia quiebra*, Quoy & Gaimard.,



Voy. Freycinet, Zool., pg. 365 — 1824; *Chorinemus guaribira*, *C. quiebra*, *C. saltans*, Cuv. & Val., Hist. Nat. Poiss., vol. VIII, pgs. 289 e 291 — 1831; *Chorinemus occidentalis*, Günther, Cat., vol. II, pg. 475 — 1860; *Oligoplites occidentalis* e *O. inornatus*, Gill, Pr. Ac. Nat. Sci. Philad., pg. 166 — 1863; *Chorinemus inornatus*, Günther, Fishes Centr. Am., pg. 433 — 1869; *Oligoplites saurus* e *O. inornatus*, Jordan & Gilbert, Synopsis, pag. 973 e 447 — 1883; *Oligoplites saurus*, Jord & Everm., Bull. 47 U. S. Nat. Mus., pg. 898 (1ª parte) — 1896; os mesmos, op. cit., pt. IV, est. CXXXVI, fig. 378 — 1900.

**Oligoplites rathbuni**, Mir. Rib. = *Oligoplites rathbuni*, Mir. Rib., Fauna Brasiliense — tomo V, Carangiche, pg. 8 — 1915 (Archivos do Mus. Nac., vol. XVII).

**Oligoplites saliens** (Bl.) = *Scomber saliens*, Bloch, Ausl. Fische, X pt., pg. 41, est. 335 — 1797; *Scomberoides saltator*, Lacépède, Hist. Nat. Poiss., vol. II, est. 19, figs. II e III, pg. 55 — 1798; *Chorinemus saliens*, Cuv. & Val., vol. VIII, pg. 286 — 1831; *Oligoplites saliens*, Günther, Cat., vol. II, pg. 475 — 1860; Jord. & Everm., Bull. 47 U. S. Nat. Mus., vol. I, pag. 899 — 1896.

**Trachinotus glaucus** (Bl.) = *Chaetodon glaucus*, Bloch, Ichthyol., vol. VI, pg. 76, est. 210 — 1787; *Trachinotus glaucus*, Cuv. & Val., vol. VIII, pg. 294 — 1831; Günther, Cat., vol. I, pg. 483 — 1868; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 270 — 1882; os mesmos, Synopsis, pg. 443 — 1883; Meek & Goss, Pr. Acad. Nat. Sci. Philad., pg. 222 — 1884; Berg., An. Mus. B. Aires, tomo IV, pg. 37 — 1895.

**Trachinotus falcatus** (Linnaeus) = *Labrus falcatus*, Linnaeus, Syst. Nat., ed. X, pg. 284 — 1758; *Chaetodon rhomboides*, Bloch, pt. 7ª, est. CCIX, pg. 75 — 1788; *Acanthinion rhomboides*, Lacép., Hist. Nat. Poiss., vol. IV, pg. 500 — 1803; *Trachinotus rhomboides*, *T. fuscus*, Cuv. & Val., vol. VIII — pgs. 300 e 302 — 1831; *Trachinotus spinosus*, De Kay, N. York Fauna, Fishes, pg. 117, est. 19, fig. 53 — 1842; *Lichia spinosa*, Baird, Ninth Smithsonian Report, pg. 22 — 1854; *Doliodon spinosus* Girar, U. S. Bound. Surv., pg. 22 — 1859; *Trachinotus oculus*, Gill, Proc. Acad. Nat. Sci. Philad., pg. 438 — 1862; idem, op. cit., pg. 332 — 1863; idem, Rep. U. S. Fish Comm., pg. 803 — 1872; Baird, Rep. U. S. Fish Comm., pg. 825 — 1872; Goode, Proc. U. S. Nat. Mus., pg. 112, — 1899; Jord. & Gilbert, op. cit., pg. 376 — 1878; Goode & Bean, op. cit., pg. 339 — 1879; Goode, Bull. U. S. Fish Comm., pg. 24 — 1880; Goode,

Bull. U. S. Fish Comm., pg. 39 — 1881; Goode & Bean, Pr. U. S. Nat. Mus., pg. 237 — 1882; Jord & Gilbert, Syn. pg. 442 — 1883; *Trachinotus ovalus*, (parte) Günther, Cat., II, pg. 481 — 1860; *Trachinotus rhomboides*, Lutken, Spolia Atlantica, pg. 602 — 1880; os mesmos, op. cit., pg. 974 — 1883; *Trachinotus falcatus*, Jordan, Pr. U. S. Nat. Mus., pg. 575 — 1886; *Trachinotus rhomboides*, Meek & Goss, Proc., Acad., Nat. Sci. Philad., pg. 124 — 1884; *Trachinotus falcatus*, Jordan, Bull. 47 U. S. Nat. Mus., pt. I — pg. 942 e pt. IV, est. CXLVI, fig. 396 — 1900.

**Trachinotus carolinus** (Gml.) = *Gasterosteus carolinus*, Gmlin Syst. Nat. pg. 490 — 1766; *Trachinotus argenteus*, *Tr. cupreus*, *Tr. pampanus*. (Cuv. & Val.), vol. VIII, pgs. 304 e 305, est. 237 — 1831; *Doliodon carolinus*, Girard, U. S. & Mex. Bound. Survey, pg. 22, est. XI, fig. 4 — 1839; *Lichia carolina*, De Kay, N. York Fauna, Fishes, vol. IV, pg. 114, est. X, fig. 3 — 1842; *T. argenteus*, *T. carolinus* e *T. pampanus*, Storer Syn. Fish. N. York, pgs. 96, 98 e 99 — 1846; *Lichia carolina*, Baird, Ninth Rep. Smit. Inst., pg. 21 — 1854; *Doliodon carolinus*, Girard, Pr., Acad. Nat. Sci. Philad. pg. 168 — 1858; *Bathrolæmus pampanus*, Holbrook, Ich. S. Car., *Trachinotus pampanus*, Günther, Cat., vol. II, pg. 484 — 1860; *Bathysacum pampanus*, *Tr. argenteus* e *Doliodon carolinus* Gill, Cat. Fishes East. Coast. N. Am., pg. 37 — 1861; *Trachinotus pampanus*, o mesmo, Pr. Acad. Nat. Sci. Philad., pg. 262 — 1862; *Trachinotus carolinus*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 438 — 1862; e op. cit., pgs. 84 e 332 — 1863; Gill., Rep. U. S. Fish Comm., pg. 803 — 1872; Baird, op. cit., pg. 825; Jordan & Bean, Pr. U. S. Nat. Mus., pg. 129 — 1879; Goode & Bean, Pr. U. S. Nat. Mus., pg. 112 — 1879; Bean, Pr. U. S. Nat. Mus., pg. 90 — 1880; Goode, Bull. U. S. Nat. Mus., pg. 24 — 1880; o mesmo, Bull. U. S. Fish. Comm., pg. 36 — 1881; Goode & Bean, Proc. U. S. Nat. Mus., pg. 237 — 1882; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 596 — 1882; Jordan & Gilbert, Proc. U. S. Nat. Mus., pg. 359 — 1882; Jordan & Gilbert, Proc. U. S. Nat. Mus., pg. 270 — 1882; Jordan & Gilbert, Syn. Fishes N. Am., pg. 442 — 1883; Jordan, Proc. Acad. Nat. Sci. Philad., pg. 45 — 1884; Jordan & Goss, Pr. Acad. Nat. Sci. Philad., for 1884 e pgs. 122 e 127 — 1885; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 940 e pt. IV, pg. 944, est. CXLVII — 1900.

**Chloroscombrus chrysurus** (Gml.) = *Scomber chrysurus*, Gmlin in Linnæus, Syst. Nat., pg. 494 — 1766; *Scomber chloris*, Bloch., Ichthyol., X pt. pg. 56, est. 339 — 1797; *Micropteria cosmopolita*, Agassiz & Spix

Pisc. Bras., pg. 104., est. LIX — 1829; *Seriola cosmopolita*, Cuv. & Val., Hist. Nat. Poiss., pg. 163, est. 259 — 1833; *Scomber latus*, Gronow, Catal. Fishes (ed. Gray.), pg. 127 — 1854; *Chloroscombrus caribaeus*, Girard, Mex. Bound. Surv., Zool., est. 9, fig. 6 — 1859; *Micropteria chrysurus* Günther, Cat., vol. II, pg. 460 — 1860; *Chloroscombrus chrysurus*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 437 — 1862; Jordan & Gilbert, Synopsis., pg. 441 — 1883; os mesmos, Pr. U. S. Nat. Mus. for — 1883, pg. 206 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 938 e 939 — 1896 e pt. IV, est. 145, fig. 394 — 1900; A. de Mir. Rib., Pescas do Annie, "Lavoura" ns. 4 a 7 — Abril a Julho de 1903 e sep., pg. 24 — 1904.

**Selene vomer** (L.) = *Zeus vomer*, et *Z. gallus* (parte) Linnaeus, Syst. Nat., ed. X, pg. 266 — 1758; *Zeus niger*, Bl. & Schm, Syst., pg. 98 — 1801; *Selene argentea*, *Argyreiosus vomer*, Lacépède, vol. IV, pgs. 560 e 566, est. 9, fig. 2 — 1803; *Zeus capillaris*, *Z. rostratus*, *Z. geometricus* Mitchill, Trans. Lit. & Philos. Soc., 1, pgs. 383 e 384 — 1815 e Am. Monthly Mag., vol. II, pg. 245 — 1818; *Argyreiosus vomer*, Agass. & Spix., Pisces Bras., pg. 109, est. LVIII — 1829; *Selene vomer* (Cuv. & Val.), vol. IX, fig. 132, est. 255 — 1833; *Argyriosus, oriucanthus*, *A. filamentosus*, *A. mauricei*, *A. setifer*, Swains., Nat. Hist. Classn., Fish, pgs. 250, 408 e 409 — 1839; *Argyriosus mitchilli*, De Kay, N. York Fauna, Fishes, pg. 126 — 1842; *A. spirii*, Casteln. Anim. Nouv. etc., pg. 23 — 1855; *Selene vomer*, Günther, Cat., vol. II, pg. 458 — 1860; *Selene vomer*, e *Argyreiosus vomer*, Gill., Pr. Acad. Nat. Sci. Philad., pgs. 436 e 437 — 1862; *A. brevoorti*, Gill, Proc. Acad. Nat. Sci. Philad., pg. 83 — 1863; *Argyreiosus pacificus*, Lockington, Pr. Acad. Nat. Sci. Philad., pg. 84 — 1876; *Selene vomer* Lütken, Spolia Atlantica, pg. 547 — 1880; Jord. & Gilbert, Synopsis, 439 — 1883. Brevoort, Ann. Lyc. Nat. Hist. N. York, vol. V, pg. 68, est. 4 — 1853; Jordan & Gilbert, Pr. U. S. Nat. Mus. for 1883, pg. 205 — 1884; *Selene vomer*, Jordan & Everm., Bull. 47 U. S. Nat. Mus. pt. I, pg. 936 — 1896; e pt. IV, est. CXLIV, fig. 393 e est. CXIV, fig. 393 a — 1900.

**Alectis ciliaris** (Bl.) = *Zeus ciliaris*, Bloch, Ichthyol., vol. VI, pg. 29, est. 29 — 1788; *Scomber filamentosus*, Mungo Park, Trans. Linn. Soc., vol. III, pg. 36 — 1797; *Gallus virescens*, Lacépède, Hist. Nat. Poiss., vol. IV, pg. 583 — 1803; *Zeus crinitus*, Mitchill, Ann. Journ. Sci. Arts., vol. XI, pg. 144 — 1826; *Blepharis sutor*, *B. major*, *Gallichthys chevola*, Cuv. & Val., vol. IX, pgs. 120, 121 e 130, est. 253 — 1833; *Blepharis crinitus*, De Kay, N. York Fauna, Fishes, pg. 123 — 1842; *Carangoides blepharis*

e *C. gallichthys*, Blecker, Verhandl., Batav. Genootsch., vol. XXIV, Makr., pgs. 67 e 68 — 1852; *Caranx sutor*, Günther, Cat., vol. II, pg. 454 — 1860; *Blenopharichthys crinitus*, Gill., Proc. Acad. Nat. Sci. Philad., pg. 262 — 1862; *Gallichthys crinitus*, Lütken, Spolia Atlantica, pgs. 131 e 197 — 1880; *Caranx crinitus*, Pr. U. S. Nat. Mus., pg. 359 — 1882; Jord. & Gilbert, Synopsis, pg. 438 — 1883; os mesmos, Pr. U. S. Nat. Mus. for 1883, pgs. 196 e 203 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 931 — 1896.

**Vomer setipinnis** (Mitch) = *Zeus setipinnis*, Mitchill, Trans. Lit. & Philos. Soc. N. York, pg. 384 — 1815; *Vomer brownii*, Agass. & Spix, Iter Bras., Pisces, 110, est. LVII — 1829; Cuv. & Val., vol. IX, pg. 141, est. 256 — 1833; *Platysomus spirii* e *P. micropteryx*, Swains. Classif. Fishes, vol. II, pgs. 250 e 406 — 1839; *Argyreiosus unimaculatus*, Batchelder, Pr. Bost. Soc. Nat. Hist., II, pg. 78 — 1845; *Argyreiosus setipinnis*, e variedades A e B Günther, Cat., vol. II, pg. 459 — 1860; *Vomer setipinnis*, e *V. dorsalis* Gill, Pr. Acad. Nat. Sci. Philad., pg. 436 — 1862; *Vomer sancte-marthae*, *V. columbianus*, *V. martiniensis*, *V. dominicensis*, *V. novemboracensis*, *V. sancti-petri*, *V. brasiliensis*, *V. cayennensis*, *V. cubae*, *V. gabonensis*, *V. senegalensis* e *V. gorceensis*, Guinchen., Ann. Soc. Linn. Maine et Loire, pgs. 38 á 44 — 1865; *Argyreiosus gabonensis*, Steindachner, Fish Fauna d. Senegal, pg. 38 — 1869; *V. curtus*, Cope, Pr. Amer. Philos. Soc. Philad., pg. 119 — 1870; *Selene setipinnis*, Lütken, Spolia Atlantica, pg. 135 — 1880; *Selene setipinnis* e *Caranx setipinnis*, Jord. & Gilbert, Synopsis, pg. 440 e Pr. U. S. Nat. Mus. for 1883; pgs. 196 e 203 — 1894; *Vomer dorsalis*, *V. setipinnis* e *V. gabonensis*, Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 934 e pt. IV, est. 934 — 1900.

**Caranx chrysus** (Mitchill.) = *Scomber chrysos*, Mitchill, Trans. Litter. & Philos. Soc. N. York, I, pg. 424 — 1815; *Caranx pisquetus*, Cuv. & Val., Hist. Nat. des Poiss., vol. IX, pg. 73 — 1833; *Caranx chrysus*, De Kay, N. Y. Fauna, Fishes, pg. 121 — 1842; *Trachurus squamosus*, Gronow, Cat. Fishes, ed. Gray, pg. 125 — 1854; *Trachurus boops*, Girard, Pacific R. Survey, Fishes, pg. 108 — 1858; *Caranx chrysus*, Günther, Cat., vol. II, pg. 445 — 1860; *Caranx boops*, *Paratractus pisquetus*, Gill, Pr. Acad. Nat. Sci. Philad., pgs. 261 e 432 — 1862; *Paratractus pisquetus*, Poey, Syn., pg. 336 — 1868; *Caranx caballus*, Günther, Fishes Centr. Amer., pg. 431 — 1869; *Caranx girardi*, Steindachner, Ichthyol. Notizen, vol. IX, pg. 25 — 1869; *Caranx caballus*, Günther, Challenger Shore Fishes, pg. 10 — 1880; *Caranx caballus*,

Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 456 — 1880; *C. chrysus* e *C. caballus*, os mesmos, op. cit., pgs. 195 e 199 — 1883; *C. caballus* e *C. chrysus*, os mesmos, Synopsis, pgs. 435 e 970 — 1883; *Caranx chrysus* e *C. caballus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 917 e 921 — 1896 e pt. IV, est. CXLII — 1900.

**Caranx lugubris**, Poey = *Scomber ascensionis*, Bl. & Schneider, Syst., pg. 33 — 1801; Forster, Descr. Anim., pg. 412 — 1844; *Caranx ascensionis*, Cuv. & Val., vol. IX, pg. 76 — 1833; Günther, Cat. pg. 432 — 1860; *Caranx lugubris*, *C. frontalis*, Poey, Mem. II, pg. 222 — 1860; *C. lugubris*, o mesmo, Syn. pag. 365 — 1868; *C. ascensionis*, Günther, Fische Südsee, vol. XI, pg. 132, est. 85 — 1876; *Caranx ascensionis*, Streets, Bull. U. S. Nat. Mus., vol. VII, pg. 88 — 1877; *Caranx ascensionis*, Günther, Challenger, Shore Fishes, pgs. 4 e 5 — 1880; *C. lugubris*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 227 — 1881; os mesmos, Pr. U. S. Nat. Mus., for 1883, pgs. 193 e 201 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 917 e 924 — 1896.

**Caranx hippos** (L.) = *Scomber hippos*, Linnaeus, Syst. Nat., ed. 12, pg. 494 — 1766; *Scomber caranx*, Bloch, Ichthyol., pte. N<sup>a</sup>, pg. 58, est. CCCXI. — 1797; *Caranx caranqua*, *C. erythrorus* e *C. daubentoni*, Lacép., Hist. Nat. des Poiss., vol. III, pgs. 59, 68, 72 e 74 — 1802; *C. xanthopygus*, *C. ekala*, *C. caranx*, Cuv. & Val., vol. IX, pgs. 68, 82 e 88 — 1833; *C. antillarum*, Bennet, Whaling Voyage, vol. II, pg. 282 — 1840; *C. defensor*, De Kay, N. York Fauna, Fishes, pg. 120 — 1842; *Caranx esculentus*, Girard, U. S. Mex. Bound Surv., pg. 23, est. XI, figs. 1 e 3 — 1859; *Caranx defensor*, Holbrook, Ichthyol. South-Carol; pg. 87 — 1860; *Caranx caranx*, Günther, Cat., vol. II, pg. 448 — 1860; *C. hippos* e *C. chrysus*, Gill, Pr. Acad. Nat. Sci. Phila., pg. 433 e 434 — 1862; *C. caninus*, Günther, Fishes Centr. Am., pg. 432 — 1869; *C. hippos*, Poey, Enum., pg. 75 — 1875; *C. hippos*, Jord. & Gill., Pr. U. S. Nat. Mus., pag. 269 — 1882; os mesmos, Pr. U. S. Nat. Mus., for 1883, pgs. 195 e 200 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 917 e 920 — 1896, pt. IV, est. CXLI, fig. 386 — 1900.

**Caranx guará** (Bonnaterre) = *Scomber guará*, Bonnaterre, Encycl., pg. 439, est. 58 — 1778; *Scomber dentex*, Bl. & Schneider, pg. 30 — 1801; *Trachurus imperialis* (?) Rafinesque, Caratteri, pg. 42 — 1810; *Caranx luna*, Geoffr. S. Hil., Descr. Esgypto, Poiss. Pl. 23 — 1820; *Citula banksi*, Risso, Europe, Merid., III, pg. 422 — 1826; *C. luna*, *Caranx platessa*, *C. giorgianus*, *C. solea*, *C. dentex*, *C. analis*, Cuv.

& Val. IX, pgs. 60, 63, 64 e 66 — 1833; *C. chilensis?* Gay, Hist. Chil. Zool., vol. II, pg. 250 — 1850; *Caranx dentex*, Günther, Cat., vol. II, pg. 441 — 1860; Steindachner, Ichthyol. Berichte, vol. V, pg. 36, est. 1 — 1868; Jordan. & Gilbert, Proc. U. S. Nat. Mus., for 1883, pgs. 194 e 198 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus. pt. I, pgs. 918 e 926 — 1896.

**Caranx latus**, Agass. = *Caranx latus*, e *C. lepturus* Agassiz in Spix, Iter Brasiliense, Pisces, pgs. 105 e 106, est. 56 b — 1829; *Scomber heberi*, Bennet, Fishes Ceylon, est. 26 — 1830; *C. fallax*, *C. sem.*, *C. forsteri*, *C. peronni*, *C. lessoni*, *C. belengeri*, Cuv. & Val., Hist. Nat. Poiss., vol. IX, pgs. 71, 79, 81, 84, 85 e 87 — 1833; *C. parapistes*, Richardson, Voyage Erebus & Terror., pg. 136 — 1844; *Carangus hippos*, Günther, Cat. Fishes, vol. II, pg. 449 — 1860; *Caranx richardi*, Holbrook, Ichthyol. S. Carol., pg. 96, est. 13 — 1860; *Carangus fallax*, Gill, Proc. Acad. Nat. Sci. Philad., pg. 433 — 1862; *Caranx hippos*, Day, Fishes Malabar, pg. 86 — 1865; *Carangus fallax*, Poey, Synopsis, pg. 364 — 1868; *Caranx hippos* Günther, Fishes Centre. America, pg. 431 — 1869; *C. aureus*, Poey, Enum., pg. 76 — 1875; *C. fallax*, o mesmo, Repert., pg. 328 — 1875; *C. hippos*, Günther, Fishes Sud See, pg. 131, fig. 84 — 1876; *C. fallax*, Jordan & Gilbert, Synopsis, pg. 437 — 1883; *C. latus*, os mesmos, Pr. U. S. Nat. Mus., for 1883, pgs. 195 e 200 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 917 e 923 — 1896 e pt. IV, est. CXLIII, fig. 389 — 1900.

**Carangops amblyrhynchus** (Cuv. & Val.) = *Caranx amblyrhynchus*, Cuv. & Val., vol. IX, pg. 76, est. 248 — 1833; *Caranx falcatus*, Holbrook, Ichthyol. S. Carol., pg. 94 — 1860; *Caranx amblyrhynchus*, Günther, Cat., vol. II, pg. 441 — 1860; *C. heteropygus*, Poey, Memorias, pag. 344 — 1860; *Carangops falcatus*, Gill., Pr. Acad. Nat. Sci. Philad., pg. 431 — 1862; *C. heteropygus*, Poey, Enum., pg. 77 — 1875; *Caranx amblyrhynchus*, Jord. & Gilbert, Proc. U. S. Nat. Mus., for 1883, pgs. 194 e 197; *Hemicaranx amblyrhynchus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 912 — 1896 e pt. IV, est. CXCI, fig. 386 — 1900.

**Trachurops crumenophthalmus** (Bl.) = *Scomber crumenophthalmus*, e *S. plumieri*, Bloch, Ichthyol., vol. X, pgs. 65 e 67, ests. CCCXLIII e CCCXLIV — 1797; *Scomber balantiophthalmus*, Bl. & Schm., Syst., pg. 29 — 1801; *Caranx crumenophthalmus* e *C. daubentoni*, Lacépède, Hist. Nat. des Poiss., vol. IV, pg. 107 — 1803; *Caranx macrophthalmus*, Agass. in Spix, Pisc. Bras., pg. 107, est. LVI, fig. 1 — 1829;

*Caranx crumenophthalmus*, *Caranx plumieri*, Cuv. & Val., vol. IX, pgs. 46 e 49 — 1833; *Caranx crumenophthalmus*, Günther, Cat., vol. II, pg. 429 — 1860; *Trachurops brachyurus*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 261 — 1862; *Trachurops plumieri*, Poey, Enumeratio, pg. 78 — 1875; *Caranx crumenophthalmus*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 358 — 1882; e op. cit. para 1883, pgs. 193 e 196 — 1884; *Trachurops crumenophthalmus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 911 e pt. IV, est. CXXI, fig. 385 — 1900.

**Trachurus trachurus** (Linnaeus) = *Scomber trachurus*, Linnaeus, Syst. Nat., ed. X, pg. 298 — 1758; *Scomber trachurus*, Bloch., Ichthyol. vol. II, pg. 138, est. XXXVI — 1784; *Carancomorus plumieranus* Lacép., Hist. Nat. Poiss., vol. III, pg. 84, est. 11 — 1802; *Trachurus saurus*, Rafinesque, Indice, pg. 20 — 1810; *Caranx semispinosus*, Nilson, Prodr. Ichthyol. Scand., pg. 84 — 1832; *Caranx trachurus*, Cuv. & Val., vol. IX, pg. 9, est. 246 — 1833; *Trachurus europæus*, Gron. Syst. (ed. Gray), pg. 125 — 1854; *Trachurus trachurus*, Günther, Cat., vol. II, pg. 419 — 1860; *Caranx trachurus*, Steindachner, Ichthyol. Berichte, vol. V, pg. 32 — 1868; *Trachurus linnaei*, Lütken, Spolia Atlantica, pg. 125 — 1880; *Caranx trachurus*, *Tr. saurus* e *Tr. declivis*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pgs. 269, 358 e 911 — 1882; *Trachurus saurus*, Jord. & Gilbert, Proceedings U. S. Nat. Mus. for 1883, pgs. 190 e 191 — 1884; *Trachurus trachurus*, Jord. & Evermann, Bull. 47 U. S. Nat. Mus., pt. I, pgs. 909 e 910, 47 — 1896, pt. IV, est. CXL, fig. 384 — 1900; Mir. Rib., Pescas do Annie, pg. 24, "Lavoura", Abril á Julho de 1903.

**Decapterus macarellus** (Cuv. & Val.) = *Caranx macarellus*, Cuv. & Val., Hist. Nat. Poiss., vol. IX, pg. 30 — 1833; Günther, Cat., vol. II, pg. 426 — 1860; *Decapterus macarellus*, Poey, Enum., pg. 79 — 1875; Jordan & Gilbert, Synopsis, pg. 433 — 1883; os mesmos, Pr. U. S. Nat. Mus. for 1883, pgs. 189 e 190 — 1884; Jordan & Evermann, Bull. 47 U. S. Nat. Mus., pt. I, pg. 909 — 1896 e pt. IV, est. CXL, fig. 383 — 1900.

**Decapterus punctatus** (Agass.) = *Scomber hippos*, Mitchell, Trans. Litt. and Philos. Soc. N. York, 1, est. 5 — 1815; *Caranx punctatus*, Agassiz, in Spix Pisces Brasilienses, pg. 108, est. 54, fig. 2 — 1829; Cuv. & Val., vol. IX, pg. 29 — 1833; Günther, Cat., vol. II, pg. 426 — 1860; *Decapterus punctatus*, Poey, Syn. Piscium Cub., pg. 368 — 1875; Jordan & Gilbert, Syn. Fish. N. Am., pg. 432 — 1883; Jord. & Gilbert, Pr. U. S. Nat. Mus., vol. VIII, pg. 189 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 907 — 1896.

- Seriola carolinensis**, Holbrook = *Seriola carolinensis*, Holbrook, Ichthyol. S. Carolina, pg. 62 — 1860; *Seriola steurnsii*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 48 — 1879; *Seriola carolinensis*, Jordan & Gilbert, Synopsis, pg. 445 — 1883; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. 1, pg. 903 — 1896; *Seriola dorsalis*, Mir. & Rib., Cat. dos Peixes Expostos na Inspect. de Caça e Pesca (Prefeitura), n. 75, pg. 38 — 1908.
- Seriola rivoliana**, Cuv. & Val. = *Seriola rivoliana*, *S. bosci*, *S. falcata*, *S. bonariensis*, Cuv. & Val., vol. IX, pgs. 154, 156 e 157 — 1833; *S. dubia*, Lowe, Pr. Z. Soc. Lond., pg. 81 — 1839; *S. declivis*, *S. ligulata* e *S. coronata*, Poey., Mem., vol. II, pgs. 230 e 232 — 1860; *S. bonariensis*, *S. falcata*, Günther, Cat., pg. 464 — 1860; *Zonichthys bosci*, Gill, Cat. Fishes E. coast. N. A., pg. 36 — 1861; *Holotractus bosci*, Gill, Proc. Acad. Nat. Sci. Philad., 442 — 1862; *S. declivis* e *Holotractus coronatus*, Poey, Syn., pg. 373 — 1868; *Zonichthys coronatus*, Poey, Rep., pg. 83 — 1875; *Seriola rivoliana* e *S. falcata*, Lütken, Spolia Atlantica, pg. 603 — 1880; Jord. & Gilbert, Pr. U. S. Nat. Mus., pgs. 237 e 271 — 1882; os mesmos, Goode e Bean, op. cit., 237 — 1882; Jord. & Gilbert, op. cit., pg. 444 — 1883; os mesmos, op. cit., pg. 123 — 1884; Jordan, op. cit., pg. 532 — 1886; Berg. An. Mus. Nac. B. Aires. (Enum. Syst. de los Peces, etc.) tomo IV, pg. 34 — 1895; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. 1, pgs. 904 e 905 — 1896.
- Seriola lalandi**, Cuv. & Val. = *Seriola lalandi*, Cuv. & Val., vol. IX, pg. 155 — 1833; Günther, Cat., vol. II, pg. 463 — 1860; *Seriola gigas*, Poey, Mem. II, pg. 227 — 1860.; *Seriola lalandi*, Steindachner, Ichthyol. Berichte, vol. V, pg. 40 — 1868; *Zonichthys gigas*, Poey, Synopsis, pg. 371 — 1868; *Seriola lalandi*, Goode & Bean, Bull. U. S. Fish Comm. I, pg. 43 — 1881; Jord. & Gilbert, Proc. U. S. Nat. Mus., pg. 271 — 1882; Jordan, U. S. Nat. Mus., pgs. 122 e 123 — 1884; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. 1<sup>a</sup>, pg. 903 — 1896; Mir. Rib., Cat. da Insp. Mattas, etc., Prefeitura — 1908.
- Naucrates ductor** (L.) = *Scomber ductor*, Osbeck, Act. Akad. Sci. Stockolin pg. 71 — 1755 e Reise pg. 73 — 1757; *Gasterosteus ductor*, Linnæus, Syst. Nat., X<sup>a</sup> ed., pg. 295 — 1758; *Scomber ductor*, Bl., X<sup>a</sup> pt., pg. 51, est. CCCXXXVIII — 1797; *Centronotus conductor*, Lacép., vol. III, pgs. 309 e 311, est. 10, fig. 3 — 1798; *Scomber kobreuteri*, Schneider, Syst., 570 — 1801; *Naucrates fafarus*, Balinesque, Caratteri, Alc. Nuovi Generi e Nuove Spec. di Animali e Piante della Sicilia, pg. 45 — 1810; *Naucrates indicus*, Less., Voy. la Coquille, Poissons, pg. 157, est.



232 — 1829; *Naucrates ductor*, *N. novemboracensis*, *N. indicus*, *N. kolreuteri*, *Seriola dusumieri*, *S. succinta*, *Nauclerus compressus*, *N. abbreviatus*, *N. brachycentrus*, *N. triancathus*, *N. annularis*, *N. leucurus*, Cuv. & Val., vols. VIII, pgs. 229 à 240, est. 232 — 1831 e IX, pgs. 162, 185 à 189, est. 263 — 1833; *Naucrates cyanophrys* e *N. seriatus*, Swainson, Classification of Fishes, etc. II, pgs. 225 e 412 — 1839; *Naucrates ductor*, Günther, Cat., vol. II, pg. 374 — 1860; Jordan & Gilbert, Synopsis, pg. 433 — 1883; Gill, Pr. U. S. Nat. Mus., pg. 490 — 1882; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 900 — 1896 e pt. IV, est. CXXXIX, fig. 379 — 1900.

**Thyrsitops lepidopoides** (Cuv. & Val.) = *Thyrsites lepidopoides*, Cuv. & Val., His. Nat. des Poissons, vol. VIII, pg. 150 — 1831; *Thyrsitops lepidopoides*, Gill, Proc. Acad. Nat. Sci. Philad., vol. de 1862, pg. 126 — 1863; Jordan & Evermann, Bull. 47 U. S. Nat. Mus., pt. I, pg. 878 (nota); *Thyrsitops lepidopoides*, Goode & Bean, Oceanic Ichthyol., pg. 194 — 1896; Mir. Rib., Pescas do Annie, "Lavoura", ns. 4 à 7 — Abril à Julho, pg. 167 — 1903; o mesmo, op. cit., ed. sep., pg. 24 — 1904; Lahille, Anal. Mus. B. Aires, tomo XXIV, pg. 16 — Lam. 5, fig. 2 — 1913.

**Ruvettus pretiosus**, Cocco = *Ruvettus pretiosus*, Cocco, Giornale di Scienza per la Sicilia, XLII, pg. 21 — 1829; *Tetragonurus simplex*, Lowe, Proc. Zool. Soc. London, pg. 143 — 1833; *Ruvettus temminkii*, Cantaine, Giorn. Sci. et Litt. Pisa — 1833; *Thyrsites acanthoderma* Lowe, Pr. Zool. Soc. London, pg. 78 — 1839; *Acanthoderma temminkii*, Journ. Acad. Sci. Belles-Lettres Bruxelles, X, est. 1 — 1835; *Apturus simplex*, Lowe, Trans. Zooll. Soc. Lond., II, pg. 180 — 1841. *Thyrsites scholaris*, Poey, Mem., vol. I, pg. 372, est. 32, fig. 1 — 1851; *T. pretiosus*, Günther, Cat., vol. II, pg. 351 — 1860; *Ruvettus pretiosus*, Gill, Proceedings of the Academy of Nat. Sciences of Philadelphia, vol. de 1862, pg. 126 — 1863; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 879 — 1896; *Ruvettus pretiosus*, Goode & Bean Oceanic Ichthyol., pg. 196, est. I.VII, pg. 210 — 1896.

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N. York, pg. 442 — 1815; *Scomber pneumatophorus*, *S. colias*, *S. grex*, Cuv. & Val., Hist. Nat. des Poiss., vol. 8, pgs. 26 e 33, est. 209 — 1831; *Scomber maculatus*, Couch, Mag. Nat. His. V, pg. 22, fig. 8 — 1832; *Scomber colias*, Storer, Fishes Massachusetts, pg. 45 — 1839; *Scomber grex*, *S. colias*, De Kay, N. York Fauna, Fishes, pgs. 103 e 104 — 1842; *Scomber diege*, Ayres, Pr. Cal. Acad. Sci. I, pg. 92 — 1856; *Scomber pneumatophorus*, *Scomber colias*, Günther, Cat., vol. II, pgs. 359 e 361 — 1860; *Scomber diege*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 260 — 1862; *Scomber dekayi*, Storer, Hist. Fish Massachusetts., pg. 130, est. 11, fig. 1 — 1867; *Scomber colias* Steindachner, Ichthyol. Notizen, VII, pg. 25 e Ichthyol. Bericht, V, pg. 3 — 1868; Gill, Cat. Fishes East. Coast N. A., Rept. U. S. Fish Comm., pg. 802 — 1872; Steindachner, Ichthyol. Beiträge, III, pg. 53 — 1875; *Scomber pneumatophorus*, Poey, Enumeratio Pisc. Cubens., pg. 73 — 1875; Bean, Pr. U. S. Nat. Mus., pg. 25 — 1879; *Scomber dekayi*, Kidder — Pr. U. S. Nat. Mus., pg. 314 — 1879; o mesmo, op. cit., pg. 88 — 1880; *Scomber pneumatophorus*, *S. diego*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 456 — 1880; *Scomber pneumatophorus*, Jord. & Gilbert, op. cit., pg. 45 — 1881; *Scomber grex*, *S. diego*, *S. colias*, *S. pneumatophorus*, Jord. & Gilbert, op. cit., pgs. 267, 268, 374, 593 e 594 — 1882; *Scomber colias*, Jordan, Pr. U. S. Nat. Mus., pg. 143 — 1883; *Scomber pneumatophorus*, Jord. & Gilbert, Synopsis, pg. 424 — 1883; *Scomber colias*, Goode, Nat. Hist. Aquat. Animals., pg. 303, est. 91, fig. 2 — 1884; Jordan, Pr. U. S. Nat. Mus., pg. 39 — 1884; *Scomber pneumatophorus*, o mesmo, Cat. Fishes N. Am., pg. 68 — 1885; *Scomber colias*, Steindachner & Döderlein, Beiträge z. Kenntniss d. Fisches Japan's, III — 1885; Jordan, Pr. U. S. Nat. Mus., pgs. 373, 1885 e 574, op. cit. — 1886; *Scomber colias*, Dresslar & Fesler, Bull. U. S. Fish Comm. vol. VII, pgs. 431 e 432, est. 11 — 1887 (1889); Jord. & Evermann., Bull. 47 U. S. Nat. Mus., part. I, pgs. 865 e 866 — 1896 e pt. IV, est. 133, fig. 364 — 1900; *Scomber scombrus*, A. de Mir. Rib., Pescas do Annie "Lavoura", Abril á Julho de 1903.

**Sarda sarda** (Bl.) = *Scomber pelamis*, Brunnich, Ichthyol. Massil., — 1768; *S. sarda*, Bloch, Ichthyol, X, est. 334 — 1793; *Scomber mediterraneus*, Bl. & Schm., Syst., pg. 23 — 1801; *Scomber pelanitus*, Raf. Caratt., pg. 44, est. 2 — 1810; *Thynnus sardus*, Risso, Eur. Merid. 417 — 1826; *Pelamys sarda*, Cuv. & Val., VIII, pg. 108, est. 217 — 1831; Storer, Rep. Fishes Mass. — 1839; De Kay, N. York Fauna, Fishes, 106, est. 9, fig. 27 — 1842; Ayres, Pr. Cal. Acad., pg. 74 — 1855; Günther, Cat., pg. 367 — 1860; Günther Fishes Centr. Am.,

pg. 435 — 1866; Storer, Hist. Fishes Mass., 141 — 1867; Steindachner, Ichthyol. Ber., V, pg. 8 — 1868; *Sarda pelamys*, Gill, Rep. U. S. Fish Com., 802 — 1872; Baird, Rept. U. S. Fish Com., 825 — 1872; Bean, Pr. U. S. Nat. Mus., pg. 89 — 1880; *Sarda mediterranea* Jordan & Gilbert, Synopsis, pg. 427 — 1883; Goode, Nat. Hist. Aquat. Anim., pg. 316, est. 92 — 1884; *S. mediterranea* e *S. sarda*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 19 — 1884; *Sarda sarda*, Dresslar & Fesler, Bull. U. S. Fish Comm., pg. 40, est. VIII — 1887 (1889). Jordan & Evermann, Bull. 47 U. S. Nat. Mus., 1 pt., pg. 872 — 1896.

**Gymnosarda pelamis** (L.) = *Scomber pelamis*, Linnaeus, Syst. Naturæ, X ed., pg. 297 — 1758; Bloch & Schneider, Syst., pg. 23 — 1801; *Scomber pelamides*, Lacépède, Hist. Nat. des Poissons, vol. III, pg. 14 — 1802; *Thynnus pelamis*, Cuv. & Val., Hist. Nat. des Poissons, VIII, pg. 82, est. 214 — 1831; *Thynnus pelamis*, Steindachner, Ichthol. Berichte, V, pg. 7 — 1868; *Oreynus pelamys*, Poey, Synopsis, pg. 362 — 1868; o mesmo, Enumeratio, pg. 72 — 1875; Gde. & Bn., Pr. U. S. Nat. Mus., pg. 24 — 1878; Bean, Pr. U. S. Nat. Mus., pgs. 89 e 94 — 1880; *Euthynnus pelamys*, Jordan & Gilbert, Synopsis, 430 — 1883; *Oreynus pelamys*, Goode, Nat. Hist. Aquat. Animals, pgs. 316 e 319, est. 95 B — 1884; *Euthynnus pelamys*, Jordan, Pr. U. S. Nat. Mus., pg. 574 — 1876; *Gymnosarda pelamis*, Dresslar & Fesler, Bull. U. S. Fish. Comm., vol. VII, est. IV — 1887 (1889); Jord. & Everm., Bull. 47 U. S. Nat. Mus., vol. I, pgs. 867 e 868 — 1898.

**Gymnosarda alleterata** (Raf.) = *Scomber alleterata* e *S. alleteratus*, Rafinesque, Caratteri etc., pags. 20 e 46 — 1810; *Thynnus leacheanus* Risso, Eur. Merid., III, pg. 414 — 1826; *Scomber quadripunctatus*, Geoffr. S. Hil, Descrip. Egypto. Poiss, est. 24, fig. 3 — 1827; *Thynnus brasiliensis* e *T. brevipinnis*, Cuv. & Val., vol. VIII, pags. 80 e 81 — 1831; *Thynnus affinis*, Cantor, Cat. Mal. Fishes, pg. 106 — 1850; *Thynnus affinis*, *T. thunnina*, Günther, Cat., II, pgs. 363 e 364 — 1860; *Thynnus thunnina*, Steind., Ichthyol. Ber., V, pg. 6 — 1868; *Oreynus alliteratus*, Gill, Cat. Fish. Bull. U. S. Fish Comm., pg. 802 — 1873; Baird, Rept. U. S. F. Comm., pg. 825 — 1873; *Oreynus thunnina*, Poey, Enum. pg. 72 — 1875; *Oreynus alliteratus*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 24 — 1878; Goode & Bn., op. cit., pg. 128 — 1879; *Thynnictlys thunnina*, *T. brevipinnis*, Giglioli, Cat. Pesci Ital., pg. 25 — 1880; *Oreynus alliteratus*, Gde & Bean, Pr. U. S. Nat. Mus., pg. 237 — 1882; *Euthynnus alliteratus*, Jord. & Gilbert, Syn. Fish. N. Am., pg. 430 — 1883; Jordan, Pr. U. S. Nat. Mus., pgs. 34 e 120 — 1884;

o mesmo, Bull. U. S. Fish Comm., 77 — 1884; *Oreopus alliteratus*, Bu. & Dresel, Pr. U. S. Nat. Mus., pg. 155 — 1884; *Gymnosarda alliterata*, Dreslar & Fesler, Bull. U. S. Fish. Com., pgs. 435 e 436, est. V — 1887-1889; Jordan & Everm., Bull. 47 U. S. Nat. Mus., I, pgs. 868 e 869 — 1896 e pt. IV, est. 134, fig. 366 — 1900.

**Thunnus alalunga** (Gml.) = *Scomber alalunga*, Gmlin, Syst. Naturæ, 1330, (Gmlin, en copiant Cetti — Hist. Nat. Sard., III, pg. 191 — 1878 — a fait une faute d'impression et a mis "alatunga." Cuv. & Val., vol. 8, pg. 88 — 1831); *Scomber alalunga*, *Scomber germo*, Lacép. Hist. Nat. Poiss. II, pg. 528 e III, pg. 21 — 1790 e 1802; *Oreopus alalunga*, Risso, Eur. Mer., III, pg. 419 — 1826; *Thynnus atlanticus*, Less. in Voyage de La Coquille, II, pg. 165 — 1828; *Thynnus alalunga*, *T. pacificus*, *T. argenticillatus* e *T. balleatus* Cuv. & Val., Hist. Nat. Poiss., VIII, pgs. 82 á 98, est. 215 — 1831; *Thynnus albacora*, Lowe, Pr. Zool. Soc. Lond., pg. 77 — 1839; o mesmo, Trans. Zool. Soc. London, III, pg. 4 — 1842; *Thynnus macropterus*, Temm. & Schlegel, Fauna Japonica, Poiss., pg. 98, est. 51 — 1850; *Thynnus pacificus* e *T. alalunga*, Günther, Cat. II, pgs. 365 e 366 — 1860; *Thynnus albacora*, *Oreopus pacificus*, Cooper, Pr. Cal. Acad. Nat. Sci., pg. 75 — 1863; *Thynnus alalunga*, Steindachner, Ichthyol. Berichte, V, pg. 7 — 1868; *Oreopus balleatus* e *O. albacora*, Poey Enum., pg. 71 — 1875; *Oreopus germo* e *O. subulatus*, Lutken, Spolia Atlantica, pgs. 474 e 596 — 1880; *Oreopus alalunga*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 456 — 1880; Jord. & Jony, op. cit., pg. 12 — 1881; Jordan & Gilbert, op. cit., pgs. 41, 42 e 45 — 1881; os mesmos, Synopsis, pg. 428 — 1883; *Oreopus alalunga* e *O. argenticillatus*, Goode, Nat. Hist. Aquat. Animals., pg. 320, est. 95 A — 1884; *Oreopus alalunga* Jordan, Pr. U. S. Nat. Mus., pg. 373 — 1885; o mesmo, op. cit., pg. 574 — 1886; *Albacora alalunga*, Dresslar & Fesler, Bull. U. S. Fish Com., vol. VII, pg. 438, est. VI — 1897 (1899); *Germa alalunga*, Jord. & Evermann, Bull. 47 U. S. Nat. Mus., pt. I, pg. 871 — 1896 e pt. IV, est. 134, fig. 367 — 1900; A. de Mir. Rib., Cat. Prefeitura (Insp. de Mattas) para exposição de 1908, pg. 38 (grav. n. 115) — 1908.

**Scomberomorus maculatus** (Mitch) = *Scomber maculatus*, Mitchill, Trans. Litt. and Philos. Soc., I, pg. 426, est. 6, fig. 8 — 1815; *Cybium maculatum* Cuv., Règne Anim., pg. 121 — 1829; Agassiz, in Spix, Pisc. Brasiliensium, pg. 103, est. 60 — 1829; Cuv. & Val., Hist. Nat. des Poiss., vol. VIII, pg. 133 — 1831; Storer, Boston Journ. Nat. Hist., IV, pg. 179 — 1848; Ayres, Bost. Journ. Nat. History, vol. IV, pg. 261 —

1842; De Kay, N. York-Fauna, Fishes, pg. 108, est. 73, fig. 232 — 1842; Storer, Synopsis, pg. 92 — 1846; Baird, Fishes N. Jersey Coast, pg. 21 — 1855; Holbrook, Ichthyol. S. Carol., pg. 66, est. 9, fig. 1 — 1855; Günther, Cat., II, pg. 372 — 1870; id. Fishes Centr. Am., pg. 388 — 1866; Storer, Hist. Fishes Mass., pg. 146 — est. 13, fig. 1 — 1867; Gill, Rept. U. S. Fish. Comm., pg. 802 — 1871-72; Baird, Rpt. U. S. Fish. Comm., pg. 825 — 1871-72; Gill, Cat. Fish East-Coast. N. Am., pg. 24 — 1873; Jordan & Gilb., Pr. U. S. Nat. Mus., pg. 375 — 1875; Poey, Pr. U. S. Nat. Mus., pg. 4 — 1878; Goode, Pr. U. S. Nat. Mus., pg. 3 — 1879; Goode & Bean, Pr. U. S. Nat. Mus., pg. 128 — 1879; os mesmos, Fishes Essex Co. Mus., pg. 15 — 1879; Bean, Pr. U. S. Nat. Mus., pg. 89 — 1880; Ryder, Bull. U. S. Fish Comm., pg. 25 — 1881; Earl, Bull. U. S. Fish. Comm., pg. 416 — 1884; *Scomberomorus maculatus*, Jord. & Gilb, Bull. U. S. Fish. Comm., pg. 106 — 1882; os mesmos, Bull. U. S. Fish. Comm., pg. 110 — 1882; Goode & Bean, Pr. U. S. Nat. Mus., pg. 237 — 1882; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 268 — 1882; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 594 — 1882; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 625 — 1882; Jord. & Gilbert, Synopsis, pg. 426 — 1883; Bean, Cat. Lond. Exhib., pg. 51 — 1883; Meek & Newland, Pr. Acad. Nat. Sci. Philad., pg. 232 — 1884; Good, Nat. Hist. Aquat. Anim., pg. 307, est. 93 — 1884; Jordan, Bull. U. S. Fish. Comm., pg. 78 — 1884; *Cybium maculatum*, Bull. U. S. Fish. Comm., pg. 74 — 1885; *Scomberomorus maculatus*, Jordan, Proc. U. S. Nat. Mus., pg. 373 — 1885; Page, Bull. U. S. Fish. Comm., pg. 406 — 1886; Jordan, Proc. U. S. Nat. Mus., pg. 27 — 1886; Jordan, Proc. U. S. Nat. Mus., pg. 36 — 1886; Dresslar & Fesler, Bull. U. S. Fish. Comm., vol. VII, pgs. 442 e 443, est. IX — 1887 (1889); Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pgs. 873 e 874 — 1896 e pt. IV, est. CXXXIV, fig. 368 — 1900; Mir. Rib., Cat. Expos. Nac., 1908, pg. 38, fig. 116.

**Scomberomorus regalis** (Bl.) = *Scomber regalis*. Bloch, Ichthyol. est. CCCXXXIII — 1793; Bloch & Schneider, Syst. Ichthyol., pg. 22 — 1801; *Scomberomorus plumieri*, Lacépède, III — 1802; *Cybium regale*, Cuv., Règne Anim., 2 ed., pg. 121 — 1829; *Cybium regale* e *C. acerrum*, Cuv. & Val., vol. VIII, pgs. 134 e 136 — 1831; *Cybium regale*, De Kay, N. Y. Fauna, Fishes, pg. 108 — 1842; Günther, Cat. II, pg. 372 — 1860; *Cybium acerrum*, Poey, Repert., I, pg. 322 e II, pg. 13 — 1867; *Cybium regale*, o mesmo, Syn. II, pg. 329 — 1868; Gill, Report. U. S. Fish. Comm., pg. 802 — 1871-72; Baird, op. cit.,

pg. 825; Gill., Cat. Fishes E. Coast N. Amer., pg. 24 — 1873; Poey, Enumer., pg. 73 — 1875; *Cybium acervum*, o mesmo, Enumeratio, pg. 73 — 1875 e Pr. U. S. Nat. Mus., pg. 4 — 1878; *Cybium regale*, o mesmo, loc. cit.; Goode, Pr. U. S. Nat. Mus., pg. 3 — 1879; *Scomberomorus regalis*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 237 — 1882; Jordan & Gilbert, Syn. Fishes N. Am., pg. 426 — 1883; Jordan, Pr. U. S. Nat. Mus., pg. 120 — 1884; o mesmo, Bull. U. S. Fish Comm., pg. 78 — 1884; Goode, Nat. Hist. Aquat. Anim., pgs. 307 e 316, e est. 94, fig. 2 — 1884; Meek & Newland, Pr. Acad. Nat. Sci. Philad., pg. 234 — 1884; Jordan, Pr. U. S. Nat. Mus., pg. 36 — 1886; o mesmo, Pr. U. S. Nat. Mus., pg. 574 — 1886; Dresslar & Fesler, Bull. U. S. Fish. Comm., vol. VII — 1887, pgs. 442 e 444, est. X — 1889; Jordan & Everm., Bull. 47 U. S. Nat. Mus., vol. I, pg. 875 — 1896 e vol. IV, est. CXXXV, fig. 369 — 1904.

**Scomberomorus cavalla** (Cuv.) = *Guarapucá*, Maregrav., Hist. Nat. Bras., Pisces, pg. 176 c. f. — 1648; *Cybium cavalla*, Cuvier, Règne Animal, 2<sup>a</sup> ed., pg. 121 — 1829; *Cybium caballa*, *C. tritor* e *C. immaculatum*, Cuv. & Val., VIII, pgs. 129, 137 e 140, est. 218 — 1831; *Cybium caballa*, Guichenot in Sagra, Poiss., 103 — 1850; *Cybium caballa*, Poey, Repert. I, 322 e II, 13 — 1867; e Synopsis, pg. 362 — 1868; e Enum., pg. 73 — 1875; e Pr. U. S. Fish. Comm., 118 — 1882; *Scomberomorus caballa*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 237 — 1882; Jord. & Gilb., Pr. U. S. Nat. Mus., pgs. 268 e 594 — 1882; os mesmos, Synopsis, pg. 427 — 1883; Goode, Nat. Hist. Aquat. Anim., pgs. 307 316, est. 94, fig. 1 — 1884; *Scomberomorus cavalla*, Jordan, Pr. U. S. Nat. Mus., pg. 119 — 1884; o mesmo, Bull. U. S. Fish. Comm., pg. 77 — 1884; Meek & Newland, Pr. Acad. Nat. Sci. Philad., 235 — 1884; Collins, Bull. U. S. Fish. Comm., 359 — 1885; Jordan, Cat. Fish. N. Am., pg. 68 — 1885; Jordan, Pr. U. S. Nat. Mus., pg. 36 — 1886; Jordan, Pr. U. S. Nat. Mus., 574 — 1886; Tybring, Bull. U. S. Fish. Comm., 150 — 1886; Dresslar & Fesler, Bull. U. S. Fish. Comm. for 1887, pgs. 442 e 444, est. XI — 1889; Jordan & Evermann, Bull. 47 U. S. Fish Comm., pt. I, pgs. 873 e 875 — 1896.

**Istiophorus nigricans** (Lacép.) = *Guebuçu*, Maregrave, R. Nat. Bras., Pisces, pg. 171 c. fig. — 1648; *Makaira nigricans*, Lacépède, Hist. Nat. des Poiss., IV, fig. 688 — 1803; *Niphias makaira*, Shaw, Général Illustration, IV, pg. 104 — 1803; *Istiophorus americanus*, Cuv. & Val., VIII, pg. 222 — 1831; *Skeponopodus guebuçu*, Nardo, Isis, XXVI, pg. 416 — 1833; *Istiophorus americanus*, Silva Maia, Rev. da

Soc. Vellosiana, pg. 69 — 1851; *Istiophorus nigricans* Jordan & Evermann, Bull. 47 U. S. Nat. Mus., part. I<sup>a</sup>, pg. 891 — 1896 e pt. IV, est. 137, fig. 376 — 1900.

**Xiphias gladius**, L. = *Xiphias gladius*, L., Syst. Nat., pg. 248 — 1758; Bloch., Ichthyol., pte. III, pg. 23, est. 76 — 1786; *Xiphias rondeletii*, Leach, Wern. Mem., II, pg. 58, est. 2, fig. 1 — 1818; *Xiphias gladius*, Cuv. & Val., VIII, pg. 187, ests. 225, 226 e 231 — 1831; Storer, Fishes Mass., pg. 71 — 1867; Jord. & Gilbert, Synopsis, pg. 420 — 1883; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 896 — 1896; Gomes de Faria, "Jornal do Commercio", 27 de Maio de 1914.

**Coryphæna hippurus** L. = *Guaracupema* e *Dorada*, Marcgrav, Hist. Nat. Bras., Pisces, pgs. 160 e 180 — 1648; *Coryphæna hippurus* e *Scomber pelagicus* L., Syst. Nat., ed. X, pgs. 261 e 299 — 1758; *Coryphæna hippurus*, Bloch, Ichthyol., V., pg. 116, est. CLXXIV — 1787; *Coryphæna immaculata*, Agass. in Spix, Iter, Pisces, pg. 102, est. 56 — 1829; *Coryphæna marcgravii*, *C. securii*, *C. dorada*, *C. dolfin* *C. virgata*, *C. argyreus*, *C. planimzii*, *C. siculus*, *C. scomberoides*, Cuv. & Val., vol. IX, pg. 223 usque ad 234 — 1833; *Lampugus pelagicus*, Cuv. & Val., loc. cit., pg. 318; — *Coryphæna hippurus*, Günther, Cat., II, pg. 405 — 1860; Lutken, Spolia Atlantica, pt. II, 1892; Jord. & Gilbert, Synopsis, 914 — 1893; Goode & Bean, Oceanic Ichthyol., pg. 209 e est. LX — 1896; Jordan & Evermann, Bull. 47 U. S. Nat. Mus., I pte., pg. 952 — 1896 e pt. IV, est. CXLIX, fig. 402 — 1900.

**Peprilus parú** (L.) = *Stromateus parú*, Linnaeus, Syst. Nat., ed. X, pg. 248 — 1758; *Chaetodon alepidotus*, Linnaeus, Syst. Nat., ed. XII, pg. 460 — 1766; Gmlin, Syst. Nat., 1240 — 1788; *Rhombus alepidotus*, Lacépède, Hist. Nat. Poiss., vol. II, pg. 221 — 1800; *Sternoptyx gardeni*, Bloch & Schneider, Syst., pg. 494 — 1801; *Stromateus longipinnis*, Mitch, Trans. Litt. & Philos. Soc. N. York, vol. I, pg. 366 — 1814; *Peprilus parú*, Cuv. Règne Animal — 1817; *Rhombus longipinnis*, Cuv. & Val., vol. IX, pg. 298, est. 274 — 1833; De Kay, N. York Fauna, Fishes, pg. 136, est. 75, fig. 239 — 1842; *Stromateus gardeni*, Günther, Cat., vol. II, pg. 399 — 1860; *Peprilus alepidotus*, Goode, Pr. U. S. Nat. Mus., pg. 112 — 1879; Goode & Bean, op. cit., pg. 130; Bean, op. cit., pg. 92 — 1880; *Stromateus alepidotus*, Lütken, Spolia Atlantica, pg. 521 — 1880; *Stromateus parú* e *S. alepidotus*, Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 597 — 1882 e Synopsis, pgs. 451 e 914 — 1882; *Stromateus alepidotus*, os mesmos, Pr. Acad. Sci.

Philad., pg. 45 — 1884; *Stromateus parú*, Morton & Fordice, op. cit., pg. 311 (parte) — 1884; *Rhombus parú*, Jord. & Evermann, Bol. 47 U. S. Nat. Mus., pg. 965, vol. II — 1896 e vol. IV, est. CL, fig. 965 — 1900; *Stromateus parú*, Berg., Anales del Mus. de B. Aires, IV, pg. 43 — 1895; A. de Mir. Rib., Pescas do Annie, "Lavoura", pg. 25. ns. 4 á 7, Abril á Julio de 1903; idd. Cat. da Pref. para Expos. Nac. de 1908, pg. 38 — 1908.

**Peprilus xanthurus** (Quoy & Gmrd.) = *Seserimus xanthurus*, Quoy & Gaimard, Voyage Freycinet, Zool., pg. 384 — 1824; *Rhombus xanthurus*, Cuv. & Val., vol. IX, pg. 301 — 1833.

**Toledia macrophthalma** Mir. Rib. = *Toledia macrophthalma*, Mir. Rib., Fauna Brasiliense, tomo V, *Stromateidae*, pg. 4 — 1915 (vol. XVII dos Archivos do Museu Nac. do Rio de Janeiro).

**Gobiomorus gronovii** (Gml.) = *Gobius gronovii* Gmlin, Syst. Nat. n. 1.203 — 1788; *Gobiomorus gronovianus*, Lacépède, Hist. Nat. Poiss., II, pg. 584 — 1799; *Eleotris mauritii*, Bloch & Schneider, Syst., pg. 66 — 1801; *Nomeus maculosus*, Bennet, Pr. Zool. Soc. London, pg. 146 — 1831; *Nomeus mauritii*, Cuv. & Val., IX, pg. 181, est. 262 — 1833; *Nomeus oxyurus*, Poey, Memorias, vol. II, pg. 236 — 1860; *Nomeus gronovii*, Günther, Cat., II, pg. 387 — 1860; Günther, Shore-Fishes Challenger- Report VI, pg. 9 — 1880; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 949 — 1896; Gde & Bean, Oceanic Ichthyol., pgs. 220 e 520, est. LXIII, fig. 227 — 1896.

**Ranzania truncata** (Retzius) = *Mola*, Jan. Plane Comm. Inst. Bon., II, 2, pg. 297, est. 17 — 1766; *Oblong diodon*, Penn. Brist. Zool., III, pg. 113, est. 19 e *Oblong tetradon*, Penn. Brist. Zool., III, pg. 170, est. 22 — 1812; *Tetradon truncatus*, Retzius Svensk Vet. Akad. Nya Handl., 2, pg. 116 — 1785; *Tetradon truncatus* Gml., Syst. Nat., vol. i, 1.448 — 1766; *Tetradon truncatus*, Lacép., H. Nat. Poiss. I, pg. 514 — 1797; *Orthogoriscus oblongus*, Bl. & Schm., Syst. Ichthyol., pg. 511 — 1801; *Tetradon truncatus*, Donovan, Br. Fishes, II, est. 41 — 1802; *Cephalus varius*, Shaw, Gen. Zool., vol. V, pg. 439 — 1804; *Cephalus elongatus*, Risso, Eur. Mer., III, pg. 173 — 1826; *Mola planci*, Nardo, Bull. Sci. Nat., XIII, pg. 437 — 1828; *Cephalus cocherani*, Trail, Wern. Mem., VI — 1832; *Orthogoriscus varius*, *O. elegans*, *O. ballaræ*, Ranzani, Nov. Comm. Ac. Sc. Bonon, III, pg. 80 — 1839; *Ranzania truncata*, Nardo, Ann. Sc. Regno Lombardo-Venet., vol. X, pg. 105 — 1840; Steenstrup



& Lütken, Overs. Danks Vid. Selsk. Forhendl., pg. 36 — 1863; *Orthogoriscus truncatus*, Günther, Cat., VIII, pg. 319 — 1870; Jord. & Gilbert, Syn., pg. 966 — 1883; *Orthogoriscus truncatus*, Day, Fish. Gr. Britain, pg. 276, est. 149 — 1884; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pt., 1.755 — 1898 e pt. IV, est. CCLXVIII, fig. 652 — 1900; C. Schreiner & Mir. Rib., Archivos do Museu Nacional, vol. XII, pg. 83 — 1903.

**Diodon holacanthus** (L.) = *Ostracion holacanthus*, Artedi, Gen., pg. 60 — 1738; *Crayracion* 9 e 15, Klein, Hist. Piscium, pgs. 19 e 20, est. 3, fig. 6 — 1740; *Diodon holacanthus*, Linnæus, Syst. Nat., ed. X, pg. 335 — 1758; *Eriso guanabena*, Parra, Dif. Piez., pg. 62, est. 29, fig. 2 — 1787; *Le diodon tachelé*, Lacép. Hist. Nat. Poiss., II, pg. 13 — 1798; *Diodon littuosus*, Shaw Zool., V, pg. 436, est. 2 — 1804; *Diodon spinosissimus*, *D. novemmaculatus*, *D. multimaculatus* *D. quadrimaculatus*, Cuv., Mem. Mus., IV, pgs. 134, 136 e 137, ests. 6 e 7 — 1818; *Diodon melanopsis*, Kaup. Wiegmanns Archiv, pg. 228, IIarg. — 1855; *Paradiodon quadrimaculatus*, Bleeker, Atlas. Gymnod., est. 8, fig. 2 — 1865; *Diodon sex-maculatus*, Günther, Cat. Fish. Centr. Am., pg. 396 — 1869; *D. maculatus*, var. *a*, Günther, Cat., VIII, pg. 307 — 1870; *Diodon maculatus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pgs. 70 e 453 — 1880; *Diodon holacanthus*, Jord. & Evermann, Bull. 47 U. S. Nat. Mus., II pt., pgs. 1.745 e 1.746 — 1898; Jord. & Snyder, Pr. U. S. Nat. Mus., vol. XXV, pg. 257 — 1902.

**Diodon hystrix** (L.) = *Orbis echinatus*, Rondelet, De Piscibus, pg. 324 — 1558; *Guamaiaicú guará*, Maregr., Hist. Nat. Bras. Pisces., pg. 159 — 1648; *Ostracion* 19 — Artedi, gen. 60 — 1738; *Eriso*, Parra, Dif. Piez., pg. 60, est. 29, fig. 1 — 1787; *Diodon hystrix*, Linnæus, Syst. Nat., ed. X, pg. 335 — 1758; *Diodon atinga*, Bl., Ichthyol., IV, pg. 75, est. 125 — 1787; *Le Diodon*, Lacép., Hist. Nat. Poiss., II, pgs. 1 e 10, est. 3, fig. 3 — 1798; *Diodon punctatus*, Cuv., Mem. Mus. H. Nat., IV, pg. 132 — 1818; *Diodon echinus*, Bonap., Cat. Met. Pisc. Eur., pg. 87 — 1846; *Diodon hystrix*, Briss. Barneville, Rev. Zool., pg. 141 — 1846; Günther, Cat., VIII, pg. 306 — 1870; Jord. & Gilbert, Syn., pg. 863 — 1883; Jord. & Rütter, Pr. Acad. Nat. Sci. Philad., pg. 130 — 1897; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pg. 1.745 — 1898, IV pt., est. vol. 1900; Schreiner & Mir. Rib., Archivos do Mus. Nac., CCLXVI, fig. 648, XII, pg. 84 — 1903.

**Chilomycterus spinosus** (L.) — *Guamaiaicú atinga*, Maregr., Hist. Nat. Brasil. Pisc., pg. 168 — 1648; *Orbis muricatus*, Willughby, Hist. Pis-

cium, pg. 145 — 1686; *Atinga minor orb.*, Lister, App. Hist. Piscium de Willughby, pg. 155 — 1686; *Ostracion* 15, Artedi Gen., pg. 59 — 1738; *Diodon spinosus*, Linn., Syst. Nat., ed. X, pg. 335 — 1758; *Le diodon orbe*, Lacép., Hist. Nat. Poiss., II, pg. 16 — 1798; *Diodon geometricus*, Bl. & Schn., Ichthyol., pg. 513, est. 96 — 1801; *Cylichthys corgeometricus*, Wiegmanns, Archiv, pg. 231 Harg. — 1855; *Chilomycterus natus* Kaup., var.  $\gamma$ , Günther, Cat., VIII, pg. 311 — 1870; *Chilomycterus spinosus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.747 e 1.749 — 1898; *Chilomycterus schöpfi*, Schreiner & Mir. Rib., Archivos do Mus. Nac. Rio de Janeiro, vol. XII, pg. 84 — 1903; *Chilomycterus geometricus*, A. Furtado, Thèse, pg. 96 e fig. — 1903; *Chilomycterus spinosus*, A. de Mir. Ribeiro, Pescas do Annie, "Lavoura", nos. 4 á 7, Abril á Julho, pg. 178 — 1903.

**Chilomycterus atinga** (L.) = *Orbis muricatus reticulatus*, Lister in Willughby, Hist. Pisc., pg. 155, est. 4 — 1686; *Ostracion subrotundus aculeis brevibus raris* et *bidens aculeis densis triquetris*, Artedi, Gen. pg. 59 — 1738; *Diodon atinga* et *D. reticulatus*, Linnaeus, Sys. Nat., ed. X, pg. 334 — 1758; *Diodon reticulatus*, Günther, Cat., VIII, pg. 313 — 1870; *Chilomycterus reticulatus*, Jord. & Gilb., Syn., pg. 966 — 1883; *Chilomycterus atinga*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.748 e 1.750 — 1898.

**Chilomycterus tigrinus** (Cuv.) = *Chilomycterus reticulatus*, Bibr. Rev. Zool., pg. 142 — 1846; *Diodon tigrinus* Cuv., Mem. Mus., pg. 127 — 1818; *Cyanichthys caruleus* Kaup, Wiegmanns, Archiv, pg. 233 — 1855; *Chylomycterus tigrinus* Günther, Cat., VIII, pg. 314 — 1870; *Chylomycterus atinga* Schreiner & Mir. Ribeiro, Archivos do Mus. Nac., vol. XII, pg. 86 — 1903.

**Lagocephalus laevigatus** (L.) = *Ostracion ps. 13.* — Artedi, Gen. Pisc. — 1738; *Tetrodon laevigatus*, Linnaeus, Syst. Nat., ed. XII, pg. 411 — 1766; *Tamboril*, Parra, Dif. Piez., lam. 10 — 1787; *Tetr. laevigatus*, Schoepf, Schrift. Naturf. Freunde, pg. 189 — 1788; Gmlin, Syst. Nat., pg. 1.447 — 1788; Walb., Artedi Pisc., pg. 595 — 1792; *L. tetrodon*, Mal-Armé, Lacép., Hist., Nat. Poiss., I, pg. 497 — 1798; *Tetrodon lagocephalus* e *Tetrodon laevigatus*, Bl. & Schn., Syst., pgs. 503 e 506 — 1801; *Tetrodon laevigatus*, Tuston, Syst. Nat., pg. 891 — 1806; *Tetrodon curvus* e *Tetrodon mathematicus*, Mitchill, Trans. Lit. & Philos. Soc. I, pgs. 472 e 474 — 1815; *Tetrodon curvus* e *Tetrodon laevigatus* De Kay N. York Fauna, Fishes, pgs. 328 e 329 — 1842; *Holu-*

*canthus melanotha* Gronow, Syst., ed. Gray, pg. 24 — 1954; *Tetrodon laevigatus*, Storer, Fishes Mass., pg. 224 — 1857; *Apsicephalus laevigatus*, Hollard, Études sur les *Gymnodontes*, Ann. Sciences Naturelles, vol. VIII, pg. 275 — 1857; *Gastrophysus laevigatus*, Bleeker, Natur. Verhandl. Holl. Maatsch. Wet., Harlem, XVIII, pg. 22 — 1863; *Tetrodon laevigatus* e *T. lineolatus* Poey, Syn., pgs. 431 e 432 — 1868; *Tetrodon laevigatus*, Günther, Cat., VIII, pg. 274 — 1870; Baird, U. S. Fish. Comm., pg. 823 — 1872; Gill, Cat. Fishes E. C. N. Am. pg. 171 — 1873; *Tetrodon laevigatus* e *Tetr. lineolatus*, Poey, Enum., pgs. 171 e 172 — 1875; *Lagocephalus laevigatus*, Jord. & Gilb. Pro. U. S. Nat. Mus., pg. 367 — 1878; Goode, Pr. U. S. Nat. Mus., pg. 109 — 1879; Goode & Bean, Pr. U. S. Nat. Mus., pg. 122 — 1879; Jord. & Gilb., Pr. U. S. Nat. Mus., pgs. 305 e 619 — 1882; Jord. & Gilb., Syn., pg. 860 — 1883; Jord., Cat. F. N. Am., pg. 141 — 1885; Berg., An. Mus. B. Ayres, tom. IV, serie II, tomo I, pg. 82 — 1885; Jord. & Edwards, Pr. U. S. Nat. Mus., pgs. 231 e 232 — 1887; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.727 e 1.728 — 1898 e pt. IV, est. CCLXIII — 1900; *Tetrodon laevigatus*, A. Furtado, Thèse, pg. 97, e. fig. — 1903; *Lagocephalus laevigatus*, C. Schreiner e A. de Mir. Rib., Archivos do Mus. Nac., vol. XII, pg. 84 — 1903.

**Lagocephalus pachycephalus** (Ranz.) = *Tetrodon pachycephalus*, Ranz., Nov. Com. Ac. Sci. Instit. Bonon., IV, pg. 73, est. 11, fig. 2 — 1840; *Lagocephalus pachycephalus*, Jord. & Rutter, Pr. Acad. Nat. Sci. Philad., pg. 128 — 1897; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.727 e 1.728 — 1898.

**Lagocephalus güntheri**, Mir. Rib. = *Tetrodon lunaris*, var. B. Günther, Cat., VIII, pg. 275 — 1870; Jord. & Edwards, Pr. U. S. Nat. Mus., vol. IX, pg. 231 (nota) — 1887; *Lagocephalus guntheri*, Mir. Rib., *Tetrandontidae*, Archivos do Mus. Nac., vol. XVII — 1915.

**Liosacus intermedius** Mir. Rib. = *Liosacus intermedius*, Alipio de Miranda Ribeiro, Pescas do Annie, "Lavoura", nos. 4 á 7, Abril á Julho, de 1903, pg. 176.

**Spheroides spengleri** (Bl.) = *Tetrodon spengleri*, Bl., Ichthyol., tomo IV, 13, est. 144 — 1782; Gmlin, Syst. Nat., 1446 — 1788; Walb., Art. Pisc., pg. 592 — 1792; *Le tetrodon spenglerien* e *Le t. plumier*, Lacép., Poiss., I, pgs. 501 e 504 — 1797; *Le spheroide tuberculé*, Lacép., II, pg. 1 — 1798; *Tetrodon spengleri* e *T. plumieri*, Bl. & Schm.

Syst., pgs. 504 e 508 — 1801; Turton, Syst. Nat., pg. 890 — 1806; Cuv., Règ. Anim., ed. II, pg. 338 — 1829; *Spheroides tuberculatus*, Pilot. Ed. Lacép., vol. VI, pg. 279 — 1831; *Cirrhisomus spengleri*, Sws. Nat. H. Class-Fishes, etc., II, pg. 328 — 1839; *Tetrodon turgidus*, Poey, Syn., pg. 432 — 1868; *Tetr. spengleri*, Günther, Cat., VIII, pg. 284 — 1870; *Tetrodon spengleri*, Trans. Am. Philos. Soc., pg. 479 — 1871; *Tetrodon turgidus* e *T. spengleri*, Poey, Enum., pgs. 172 e 173 — 1875; *Cirrhisomus spengleri*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 366 — 1878; *Tetrodon spengleri*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 235 — 1882; *Tetrodon turgidus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 306 — 1882; *Tetrodon spengleri*, Jord. & Gilb., Syn., pg. 861 — 1883; *Cirrhisomus spengleri*, Pr. U. S. Nat. Mus., pg. 421 — 1884; *Tetrodon spengleri*, Jord., Cat. Fishes North-Am., pg. 141 — 1885; *Spheroides spengleri* (parte) Jord. & Edwards, Pr. U. S. Nat. Mus., pgs. 234 e 237 — 1887; Jord. & Everm. Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.730 e 1.732 (pte.) — 1898 e IV pte., est. CCLXIV, fig. 1.702 — 1900; *Spheroides spengleri*, C. Schreiner & Mir. Rib., Archivos do Mus. Nac., vol. XII, pg. 84 — 1903.

**Spheroides marmoratus** (Ranz.) = *Tetrodon marmoratus*, Ranzani, Nov-Comm. Acad. Sci. Bonon., IV, pg. 72, est. 10, fig. 1 — 1840; *Spheroides marmoratus*, Jord. & Rutter, Pr. Acad. Nat. Sci. Philad., pg. 129 — 1897; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pg. 1.733 — 1898.

**Spheroides adpersus** Schr. & Mir. Rib. — *Spheroides adpersus* C. Schreiner & A. de Miranda Ribeiro, Archivos do Mus. Nac., vol. XII, pg. 71 — 1903.

**Spheroides formosus** (Günth.) — *Tetrodon formosus*, Günther, Cat., VIII, pg. 283 — 1870; *Spheroides formosus*, Jord. & Edwards., Pr. U. S. Nat. Mus., vol. IX, pgs. 235 e 240 — 1887; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.730 e 1.736 — 1898.

**Spheroides testudineus** (L.) = *Ostracion oblongus glaber*, Artedi, Gen. — 1738; Glob-Fish, Catesby, Nat. Hist., pg. 28 — 1743; *Ostracion oblongus glaber*, L., Amoenitates Academ., I, pg. 591 — 1749; *Tetrodon testudineus*, L., Syst. Nat., ed. X, pg. 333 — 1758 e ed. XII, pg. 410 — 1766; Gmlin, Syst. Nat., 1.446 — 1788; Walb., Artedi Piscium, pg. 590 — 1792; *Tetrodon punctatus* e *T. geometricus*, Bl. & Schn., Syst., pgs. 506 e 508 — 1801; *Tetrodon geometricus*, Cuv., Règne

Anim., 11—1829; *Chelichthys punctatus*, Müll. & Tr., Schomb., British. Guiana, 3<sup>o</sup> vol., pg. 641—1842; *Tetrodon annulatus*, Jenyns, Zool. Beagle, pg. 153—1842; *Tetrodon amocryptus*, Gosse, Nat. H. Jam., pg. 287—1851; *Anchisomus geometricus* e *A. reticularis*, Richardson, Voyage Herald, pgs. 156 á 161, est. 31—1854; *Holacanthus leionothus*, Gronow, Syst. Nat., ed. Gray, pg. 24—1854; *Tetrodon bayacú*, Casteln., Anim. Nouv. etc., pg. 98, est. 47, fig. 3—1855; *Tetrodon testudineus*, *Tannulatus*, Jordan, Cat. Fish N. Am., pg. 141—1885; *Tetrodon punctatus*, Poey, Syn., pg. 432—1868; *Tetrodon geometricus*, Günther, Fishes Centr. Am., pg. 489—1868; *Tetrodon testudineus* e *T. heraldi*, Günther, Cat., VIII, pgs. 282 e 283—1870; *Tetrodon geometricus*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 120—1870; *Tetrodon reticularis*, Cope, Trans. Am. Philos. Soc., pg. 479—1871; *Tetrodon testudineus* Poey, Enum., pg. 172—1875; *Tetrodon annulatus*, Steind., Ichthyol. Beitr., V, pg. 23—LXXIV Bd. Sitzb. Akad. Wien I Abth.—1876; *Cirrosonus testudineus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 366—1878; Goode, Pr. U. S. Nat. Mus., pg. 109—1879; *Tetrodon testudineus* Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 111—1882; e Pr. U. S. Nat. Mus., pgs. 370 e 381—1882; Jord. & Gilb., Syn., pg. 861—1883; Bean, Nat. Intern. Fish Exhib. pg. 43—1883; Gill, Pr. U. S. Nat. Mus., pg. 421—1884; Bean & Dresel, Pr. U. S. Nat. Mus., pg. 151—1884; Jord., Pr. U. S. Nat. Mus., pg. 372—1885; Jord., Cat. Fish North-Am., pg. 140—1885; Jord. & Edwards, Pr. U. S. Nat. Mus., vol. IX, pgs. 235 e 237—1886; Jord. & Rutter, Pr. Acad. Nat. Sci. Philad., pg. 130—1897; *Spheroides testudineus* e *S. annulatus*, Jord. & Everm. Bull. U. S. Nat. Mus., II etc., pgs. 1.734 e 1.735—1898 e IV pte., est. CCLXV—1900; *Tetrodon testudineus*, A. Furtado, Thése, pgs. 97 e 138, e. f.—1903; *Spheroides testudineus*, C. Schreiner e A. de Mir. Rib., Archivos do Mus. Nac., vol. XII, pg. 84—1903.

**Colomesus psittacus** (Bl. & Schm.) = *C. psittacus* Peixes, est. 54, Alexandre Rodrigues Ferreira, Cópia dos desenhos etc.—1783-93; *Ostracion tetraodon*, Artedi, Thesaurus Sebæ, pg. 60, est. XXIV, fig. 1—1758; *Tetrodon psittacus*, Bl. & Schm., Syst. Ichthyol., pg. 505, est. 95—1801; *Chelichthys psittacus* e *C. usellus*, Müll. & Tr. in Schomb. Reise in Guiana, III, pg. 641—1842; *Batrachops psittacus*, Hollard, Ann. Sci. Nat., pg. 322—1857; *Chelichthys psittacus*, Steind. Verh. Zool. Bot. Gesellsch. Wien—pg. 141, est. 4, fig. 2—1861; *Tetrodon psittacus*, Günther, Cat., VIII, pg. 286—1870; *Colomesus psittacus*, Gill, Pr. U. S. Nat. Mus., pg. 422—1884; *Les Batra-*

*chopes*, Bibr. Rev. Zool., pg. 279 — 1885; *Colomesus psittacus*, Jord. & Edwards, Pr. U. S. Nat. Mus., vol. IX, pg. 244 — 1887; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1740 — 1898; *Tetrodon psittacus*, Goeldi, Bull. Mus. Paraense, vol. II, pgs. 456, 461 e 487 — 1898.

**Lactophrys tricornis** (L.) = *Guamaiacu-apé*, Marcgr., Hist. Nat. Bras., pg. 142, IV — 1648; *Piscis triangularis cornutus clusii*, Willughby, Hist. Pisc., XIV, est. J — 1686; *Piscis triangularis, maxime cornutus et triang. capite cornutus e media cauda aculeus erigit*, Lister, App. Pisc. Willughby, op. cit., pgs. 15 e 19 — 1686; *Piscis triangularis clusii cornutus, Piscis triangularis, capite cornutus e media cauda aculeus erigit*, Ray Syn., pg. 44 — 1713; *Ostracion triangulatus e aculeis etc.*, Artedi, Syn., pg. 85, nos. 9 e 10 — 1738 e Genera Piscium, pg. 56, nos. 5 e 6 — 1738; *Ostracion tricornis e O. quadricornis*, L., Syst. Nat., ed. X, pg. 331 — 1758; ed. XII, pg. 408 — 1766; *Toro*, Parra, Dif. Piez., II, pg. 81, est. XVII, fig. 2 — 1787; *Ostracion quadricornis*, Bl., Ichthyol., IV, pg. 113, est. 134 — 1787; Gmlin, Syst. Nat., I, pg. 1442 — 1788; *Ostracion quadricornis, O. tricornis e O. listeri*, Lacép. Hist. Nat. Poiss., I, pgs. 442, 465 e 468 — est. XXIII, fig. 2 — 1798; *Ostracion quadricornis*, Bl. & Schn., Syst., pg. 499 — 1801; Shaw, Zool., pg. 424 — 1804; Cuv., Règne Anim., I ed., pg. 154 — 1817 e II ed., pg. 375 — 1829; Kaup, Archif. fur Naturg., XXI, pg. 218 — 1815; *Ostracion sex-cornutus*, Mitch, Am. Monthly Mag., II, pg. 328 — 1818; *Lactophrys quadricornis*, Sws. Class. Fishes etc., II, pg. 324 — 1839; *Lactophrys sex-cornutus*, Storer, Mem. Am. Acad. II, pg. 498; Syn., pg. 246 — 1846; *Ostracion cornutus* Müll. & Troschel, Shomb. Hist. Barb., pg. 677 — 1848; *Ostracion quadricornis*, Casteln., Anim. Nouv. etc., Poiss., pg. 99 — 1855; *Ostracion quadricornis e O. maculatus*, Hollard, Ann. Sci. Nat., pgs. 148 e 149 — 1857; *Ostracion quadricorne*, Poey, Mem., II, pg. 362 — 1861; *Ostracion quadricornis*, Bleeker, Poiss. Guin., pg. 20 — 1863; *Ostracion (Acanthostracion) quadricornis* Bleek. Atlas Ichthyol., pg. 32 — 1865; *Ostracion (Acanthostracion) quadricorne, et. sp. dub. Acanthostr. maculatum* Poey, Rep. II, pg. 439 — 1868; *Acanthost. polygonius*, Poey, Enum., pg. 175 — 1876; *Ostracion quadricornis*, Günther, Cat., VIII, pg. 258 — 1870; *Ostracion quadricorne* Cope, Trans. Am. Philos. Soc., pg. 474 — 1870; *Acanthostracion quadricorne*, Poey, Enum., pg. 174 — 1876; *Ostracion quadricorne*, Goode, Cat. Fishes, Bermudas, pg. 24 — 1876; o mesmo, Amer. Journ. Sci. & Arts, pg. 290 — 1877; *Ostracion quadricornis*, Goode, Pr. U. S. Nat. Mus., vol. II, pgs. 267, 270 e 278 — 1879;

Jord. & Gilb., Syn., pg. 854 — 1883; *Lactophrys tricornis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.722, 1.724 e 1898 e pt. IV, est. CCLXI, fig. 639 — 1900; *Lactophrys quadricornis*, C. Schreiner & Mir. Rib., Arch. do Mus., Nac., vol. XII, pg. 85 — 1903.

**Lactophrys bicaudalis** (L.) = *Piscis triangularis, parvus non nisi ino ventre cornutus et Piscis tr. mediocris* etc., Lister, in App. Willughby Hist. Piscium, XIV, pg. 20 — 1686; Ray Syn., pg. 45 — 1713; *Ostracion triangularis* etc., nos. 8 e 9, pg. 57, Gen. Pisc. e nos. 12 e 13, pg. 85, Syn. — 1738; *Ostracion bicaudalis*, L., Syst. Nat., ed. X, pg. 330 — 1758; o mesmo, ed. XII pg. 408 — 1766; Bl., Ichthyol IV, pg. 109, est. 132 — 1787; Gmlin., Syst. Nat., I, pg. 1.441 — 1788; Lacépède, Hist. Nat. Poiss., vol. I, pgs. 465 e 466 — 1798; Bl. & Schn., Syst., pg. 499 — 1801; Shaw-Zool. V, pg. 423 — 1804; Cuv., Règne Anim. Poiss., I ed., pg. 154; II ed., vol. II, pg. 375 — 1829; *Lactophrys bicaudalis*, Swains, Nat. Hist. Fishes etc., II, pg. 323 — 1839; *Ostracion bicaudalis*, Kaup, Archiv fur Naturg., pg. 217 — 1855; Hollard, Ann. Sci. Nat., IV serie, Zool., vol. VII, pg. 153 — 1857; *Ostracion bicaudale*, Poey, Mem. VI, pg. 362 — 1861; *Ostracion bicaudalis* Poey, Rep. II, pg. 442 — 1868; Günther, Cat., VIII, pg. 257 — 1870; *Ostracium bicaudale*, Cope, Pr. Am. Philos. Soc., pg. 474 — 1870; *Lactophrys bicaudale* Poey, Enum., pg. 176 — 1876; *Ostracion bicaudalis*, Goode, Pr. U. S. Nat. Mus., pgs. 267, 270 e 274 — 1879; Jord. Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.722 e 1.723 — 1899 e pte. IX, est. CCLXII — 1900.

**Lactophrys trigonus** (L.) = *Piscis triangularis clusii, cornibus curvus*, Lister in Willughby, App. Hist. Pisc., pg. 156 — 1686; Ray Syn. Pisc., pg. 44 — 1713; *Ostracion ns. 7 e 11*, Artdi, Gen., pg. 56 e Syn., pg. 85 — 1738; *Ostracion abdomine pone bicorni*, Linnæus, Iter Scand., pg. 160 — 1751; *Ostracion trigonus*, Linnæus Syst. Nat., ed. X., pg. 330 — 1758 e ed. XII, pg. 408 — 1766; Bloch, Ichthyol., VI, pg. 115, est. 135 — 1787; *Chopin*, Parra. Dif. Piez, pg. 31, est. 1, fig. 1 — 1787; *Ostracion triangulo-tuberculé*, Bonnat, Encyclop. Method, pg. 21, est. XIII — 1788; Gmlin, Syst., Nat., I, 1.441 — 1788; Lacépède, Hist. Nat. Poiss., I, pgs. 465 e 466 — 1798; Bl. & Schn., Syst., pg. 499 — 1801; Shaw, Zool., V, pg. 422 — 1804; Cuv., Règne Anim., pg. 154 (1ª. ed.) 1817 e 375 (IIª. ed.) — 1829; *Ostracion galei*, Storer, Bost. Journ. Nat. Hist., I, pg. 353, est. 8 — 1837; *Lactophrys trigonus*, Swainson, Nat. Hist. Fishes, etc., II, pg. 324 — 1839; *Lactophrys*

*yalei*, De Kay, N. Y. Fauna, Fishes, pg. 362 — 1842; *Lactophrys oviceps*, *L. trigonus*, Kaup., Archiv für Naturg., pg. 218 — 1855; *Ostracion trigonus*, Hollard, Ann. Sci. Naturelle, IV serie, vol. VII, pg. 150 — 1857; *Lactophrys trigonus* e *L. undulatus*, Poey., Mem., II, pg. 362 — 1861; *Lactophrys yalei*, Storer, Mem. Am. Acad. Sci., VIII, pg. 429, est. XXXV, fig. 3 — 1861; *Chopin*, Poey, Pr. Acad. Nat. Sci., Philad., pg. 183 — 1863; o mesmo, Hist. Fish Massachusetts, pg. 429, est. XXV, fig. 3 — 1867; *Ostracion (Lactophrys) undulatus Sp. dub.* e *Lactophrys undulatus*, Poey; Rep., II, pg. 441 — 1868; *Ostracion expansum*, Cope, Tr. Am. Philos. Soc., pg. 474 — figs. 9 e 10 — 1870; *Lactophrys trigonus* e *L. undulatus*, Poey, Enum., pgs. 174 e 176 — 1876; *Ostracion trigonus*, Goode, Pr. U. S. Nat. Mus., vol. II, pgs. 267, 270 e 276 — 1879; *Ostracion trigonus*, Jord. & Gilb., Syn., pg. 853 — 1883; *Lactophrys trigonus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.772 e 1.723 — 1898 e pt. IV, est. CCLXIII, figs. 641 e 641<sup>a</sup> — 1900; C. Schreiner e A. de Miranda Ribeiro, Archivos do Mus. Nac., vol. XII, pg. 85 — 1903.

**Lactophrys triqueter** (Linnaeus) = *Pisces triang. ex toto cornib.*, Lister, App. Willughby, Hist. Piscium, pg. 20 — 1686; *Ostracion triangulus* etc., Artedi, Gen. Pisc., pg. 57, n. 10 — 1738; Synonymia, pg. 85, n. 14 — 1738; *Ostracion polyod. inermis triqueter*, Linn., Mus. Adolphi Fred., I, pg. 60 — 1754; *Ostracion triqueter*, Linn, Syst. Nat., ed. X, pg. 330 — 1758; o mesmo, ed. XII, pg. 407 — 1766 e *Ostracion concatenatus* Bl., Ichthyol, IV, pg. 106, ests. 130 e 131 — 1787; *Ostracion triqueter* Gmlin, Syst. Nat. i-pg. 1.441 — 1788; Lacép., Hist. Nat. Poiss., I, pg. 444 — 1798; Bl. & Schneid., Syst., pg. 498 — 1801; Shaw Zool., V, pg. 420 — 1804; — Cuv., Règne Anim., ed. 1, pg. 154 — 1817, ed. II, pg. 376 — 1829; *Rhinesomus triqueter*, Swainson, Class. Fishes, etc., pg. 323 — 1839; Müller & Troschel, Shomburgk, Hist. Barb., pg. 677 — 1848; Kaup, Archiv. für Naturg., pg. 217 — 1855; *Ostracion triqueter*, Casteln. Anim. Nouv. etc., Poiss, pg. 99 — 1855; Hollard., Ann. Sci. Nat., pg. 154, vol. VII — 1857; *Ostracion triquetrum*, Poey, Mem., II, pg. 361 — 1861; *Ostracion triqueter* Bleeker, Atl. Ichthyol., V, pg. 26 — 1865; *Ostracion triquetrum*, Poey, Rep., II, pg. 442 — 1868; *Ostracion triqueter*, Günther, Cat., VIII, pg. 256 — 1870; *Ostracion triquetrum*, Cope, Trans. Am. Philos. Soc., pg. 475 — 1870; Poey, Enum., pg. 176 — 1870; *Ostracion triquetrum*, Goode, Cat., Fishes Bermudas, pg. 23 — 1876; Am. Journ. Sci. & Arts., pg. 290 — 1877; *Ostracion triqueter*, Goode, Study of the Trunk-Fishes etc., pgs. 7 e 11 — 1879; *Ostracion triqueter*,



Jord. & Gilb., Syn., pg. 965 — 1883; *Lactopbrys triquetra*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pg. 1.722 — 1898 e pte. IV, est. CCLXI, fig. 638 — 1900.

**Melichtys piceus** (Poey) = *Balistes nigra*, Osbeck, Iter Chin., pg. 295 — 1757; *Balister ringens*, Osbeck, op. cit. nas edições post-lineanas (preocupado); *Galafate*, Parra, Dif. Piez., pg. 18 — 1787; *Balistes piceus*, Poey, Pr. Acad. Nat. Sci. Philad., pg. 190 — 1863; *Balistes buniva*, Günther (parte), Cat., VIII, pg. 228 — 1870; *Melichthys piceus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.711 — 1898.

**Balistes carolinensis** = Gmlin, *Balistes carolinensis* e *B. capriscus*, Gmlin, Syst. Nat., 1, 1.471 — 1788; *Balistes buniva*, Lacép., Hist. Nat. Poiss., 1, pg. 1.798; *Balistes caprinus*, Val., Ichthyol. Canaries, pg. 94, est. 16 — 1836; *Balistes fuliginosus*, De Kay, N. Y. Fauna, Fishes, pg. 339, est. 57, fig. 188 — 1842; *Capriscus carolinensis*, Gronow., ed. Gray, pg. 29 — 1854; *Balistes tenuipterus*, Poey, Mem. II., pg. 326 — 1891; *Balistes capriscus*, Günther; Cat., VIII, pg. 217 — 1870; Jord. & Gilb., Synopsis, pg. 855 — 1883; *Capriscus carolinensis*, Jordan., Pr. U. S. Nat. Mus., vol. VII, pg. 144 — 1884; o mesmo, Report U. S. Fish Comm. for. 1885, pg. 928 — 1887; *Balistes carolinenses*, C. Berg., Enumeración etc., Anales del Museo Nacional de Buenos Aires, vol. IV (serie 2ª, tom. 1), pg. 81 — 1895; *Balistes carolinensis*, Ihering, Os Peixes da Costa do Mar, pg. 18 — 1896; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.700 e 1.701 — 1898 e IV pte., est. CCLVIII, fig. 632 — 1900; C. Schreiner e A. de Mir. Rib., Archivos do Museu Nacional, vol. XII, pg. 86 — 1903.

**Balistes forcipatus**, Gmlin. = Stipvisch, Willughby, His. Pisc., pg. 7 (App.), est. 9, fig. 4 e *Guaperva lata forcipata*, Lister, na mesma obra (App.) pg. 21, est. 1, fig. 22 — 1686; *Balistes forcipatus* e *B. punctatus*, Gmlin, Syst. Nat., 1, 1.472 — 1788; *Balistes spilopterygius* e *B. guttatus*, Walb. Art. Pisc., III, pgs. 455 e 467 — 1792; *Balistes ciliaris*, Bl. & Schm., Syst. Ichthyol., pg. 471 — 1801; *Balistes liberiensis*, Steind. Ichthyol., not. IV, pg. 9, Sitzungsber. Akad. Wien — 1867; *Balistes powelli*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 120 — 1870; *Balistes forcipatus*, Günth., Cat., VIII, pg. 216 — 1870; *Balistes moribundus*, Cope, Trans. Am. Philos. Soc., pg. 479 — 1871; *Balistes forcipatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.700 e 1.702 — 1898.

**Balistes vetula** (L.) = *Guaperva*, Mareg., Hist. Bras., pg. 163—1648; *Turdus oculoradiato* (Old-Wife) Catesby, Nat. Hist. Carol., est. XXII—1725; *Balistes vetula*, Osbeck, Iter Chin., pg. 294—1757; *Balistes vetula*, L., Syst. Nat., ed. X, pg. 329—1758; *Balistes bellus*, Walb., Artedi Piscium, III, pg. 467—1792; *Chaliosma velata*, Swainson, class'n. Fishes, II, pg. 325—1839; *Balistes equestris*, Gronow, Cat. Fishes, ed. Gray, pg. 31—1854; *Balistes vetula*, Günther, Cat., VIII, pg. 215—1870; Jord. & Gilb., Syn., pg. 855—1883; S. Garman, Bull. Essex-Institute, vol. XXII, ns. 4, 5 e 6—1890; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II, pgs. 1.702 e 1.703—1898; C. Schreiner & A. de Miranda Ribeiro, Archivos do Museu Nacional, vol. XII, pg. 86—1903.

**Monacanthus hispidus** (L.) = *Balistes hispidus*, Linnæus, Syst. Nat., ed. XII, pg. 405—1766; *Balistes broccus*, Mitchill, Trans. Litt. and Philos. Soc., I, pg. 467—1815; *Monacanthus filamentosus* e *M. gallinula* Valenciennes, Iles Canaries, pg. 95—1836; *Monacanthus varius*, Ranz., Nov. Comm. Bonon., V, 6—1842; *Monacanthus massachusettsensis* e *M. setifer*, De Kay, N. Y. Fauna, Fishes, pg. 337, ests. 57 e 59—1842; *Monacanthus signifer*, Storer, Synopsis, pg. 497—1846; *Monacanthus auriga*, Lowe, Pr. Zool. Soc. London, pg. 253—1850; *Stephanolepis setifer*, Gill., Cat. Fishes E. Coast. N. A., pg. 78—1861; *Monacanthus setifer*, Günth., Cat., VIII, pg. 240 (pte.)—1870; *Monacanthus broccus*, Jord. & Gilb., Syn., pg. 856—1883; *Balistes hispidus*, Jordan, Pr. U. S. Nat. Mus., pg. 145—1884; *Monacanthus hispidus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.714 e 1.715—1888 e pt. IV, est. CCLIX, fig. 635—1900; A. Furtado, Thèse, pg. 96 e fig. — 1903; C. Schreiner e A. de Miranda Ribeiro, Archivos do Museu Nacional, vol. XII, pg. 86—1903; Miranda Ribeiro — “Lavoura”, nos. 4 á 7, pg. 175—1903.

**Monacanthus ciliatus** (Mitchill) = *Balistes ciliatus*, Mitchill, Am. Monthly Magasin & Crit. Rev., pg. 326—1818; *Monacanthus piraaca*, Kner, Novara Reise, Fische, pg. 396—1867; *Monacanthus occidentalis*, Günther, Cat., VIII, pg. 237—1870; *Monacanthus davidsoni*, Cope, Trans. Am. Philos. Soc. Philad. XIV, pg. 476—1870; *Monacanthus occidentalis* e *M. davidsoni*, Jord. & Gilb., Syn., pgs. 856 e 857—1883; *Monacanthus ciliatus*, Jord., Pr. U. S. Nat. Mus., pg. 145—1884; Jord. & Everm. Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.714—1898 e pt. IV, est. CCLIX, fig. 634—1900.

**Cantherines pullus** (Ranzani) = *Lija colorada*, Parra, Diff. Piez. est. 23 — 1787; *Monacanthus pullus*, Ranzani, Nov. Comm. Acad. Sci. Inst. Bonon. V, pg. 4, est. 1 — 1842; *Monacanthus macroceros*, Hollard, Ann. Sc. Nat., 4<sup>a</sup> serie, vol. II, pg. 327, est. II, fig. 1 — 1854; *Monacanthus ruppelii*, Castelnau, Anim. Nouv. etc., Poissons, pg. 97, est. 47, fig. 2 — 1855; *Monacanthus striatus* e *M. irroratus*, Poey, Mem., II, pgs. 329 e 330 — 1861; *Monacanthus parvayanus*, Poey, Pr. Acad. Nat. Sci. Philad., pg. 185 — 1863; *Monacanthus punctatus*, Poey, Syn., pg. 437 — 1868; *Monacanthus pardalis* (parte), Günther, Cat., VIII, pg. 230 — 1870; *Monacanthus pullus*, Jord. & Gilb., Syn., pg. 858 — 1883; *Cantherines pullus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.713 — 1898; Schreiner & Miranda Ribeiro, Archivos do Museu Nacional do Rio de Janeiro, vol. XII, pg. 85 — 1903.

**Alutera monoceros** (Osbeck) = *Capriseus murium dentibus*, Klein, Ich., Miss. III, 25-est. 3 f. 2 — 1742; *Balistes monoceros*, Osbeck, Iter Chin. 110-1757; Linneu, Syst. Nat., ed. X, pg. 327 — 1758; *Balistes oblongiscutulus*, Gronow, Zooph. n. 193 — 1765; *Lija barbuda*, Parra, Diff. Piez., pg. 48, est. 22, fig. 2 — 1787; *Balistes kleinii*, Gmlin, Syst. Nat. — 1788; *Balistes barbatus*, Walb., Artedi Piscium, III, pg. 464 — 1792; *Balistes monoceros*, var. *unicolor*, Bl. & Schm., Syst., pg. 463 — 1801; *Balistes serraticornis* Fremerville, Nouv. Boul. Soc. Philom., pg. 249, est. 4, fig. 1 — 1813; *Aluteres berardi*, Lesson, Voyage de La Coquille, Zool., pg. 108, est. 7 — 1828; *Alutera cinerea*, Tem. & Schleg., Fauna Japonica, Poiss., pg. 292, est. 131, fig. 1 — 1847; *Alutarius obliteratedus*, Cantor, Malayan Fishes, pg. 353 — 1850; *Balistes inguatula*, Gronow, Cat., ed. Gray, pg. 35 — 1854; *Alutarius anginosus*, Hollard, Ann. Sci. Nat., IV, pg. II — 1855; *Balistes unicornus*, Basilewsky, Nouv. Mem. Soc. Sci. Nat. Moscow, vol. X, pg. 263 — 1855; *Alutarius macracanthus*, Bleeker, Verh. Bat. Gen. Balist., XXIV, pg. 22, est. 3, fig. 6 — 1862; *Alutera guntheriana*, Poey, Proc. Acad. Nat. Sci. Philad., pg. 184 — 1863; *Monacanthus monoceros*, Günther, Cat., VIII, pg. 251 — 1870; *Alutera monoceros*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.718 e 1.720 — 1898; Mir. Rib., "Lavoura", Abril á Julio, pg. 176 — 1903.

**Alutera schœpfi** (Walb.) = *Balistes schœpfi*, Walb., Artedi Piscium, pg. 461 — 1792; *Balistes aurantiacus*, Mitchill, Trans. Litt. & Philos. Soc. N. Y., vol. I, pg. 468 — 1815; *Alutera cuspidicauda*, De Kay N. Y. Fauna, Fishes, pg. 338 — 1842; *Alutera holbrookii* e *A. cultrifrons* Hollard, Ann. Sci. Nat., 4<sup>a</sup> serie, pgs. 7 e 8, est. I, fig. 2 — 1855; *Cera-*

*Macanthurus aurantiacus*, Gill, Cat. Fishes East Coast. North Am., pg. 57 — 1861; *Alutera schaeppi*, Jord. & Everm. Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.717 e 1.718 — 1898 e pt. IV, est. CCLX, fig. 636 — 1900; Schreiner & Miranda Ribeiro, Archivos do Museu Nacional do Rio de Janeiro, vol. XII, pg. 86 — 1903.

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1801; *Acanthurus chirurgus* e *Acanthurus phlebotomus*, Cuv. & Val., Hist. Nat. Poiss., X, pgs. 123 e 129, est. 287 — 1835; *Aerourus fuscus*, Gronow, Cat., ed. Gray, pg. 119 — 1854; *Acanthurus chirurgus* e *Acanthurus phlebotomus* Cast., Anim. Nouv. ou Râres, etc., pgs. 24 e 25 — 1855; *Aerourus carneus*, Poey, Mem., II, pg. 207 — 1860; *Acanthurus chirurgus*, Günther, Cat., III, pg. 329 — 1861; *Acanthurus phlebotomus*, Poey, Rep. I, pg. 256 — 1867; *A. phlebotomus* e *Acanthurus chirurgus*, o mesmo, Syn., pgs. 245 e 355 — 1868; *Acanthurus chirurgus* e *A. nigricans*, Jord. & Gilb., Syn., pgs. 617 e 941 — 1883; *Teuthis hepatus*, Jord. & Meek, Pr. Acad. Nat. Sci. Philad., pg. 229 — 1884; *Teuthis hepatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.690 e 1.691 — 1898.

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— 1829; *Ephippus gigas*, Agass. in Spix, Pisces Bras., pg. 113, est. 61  
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 pgs. 97 e 98, est. 23, figs. 68 e 71 — 1842; Holbrook, Ichthyol S. Ca-  
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 pg. 1667 — 1898 e pt. IV, est. CCXLVII, fig. 619 — 1900; A. de  
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*P. balleatus*, *P. cingulatus*, *P. quinquecinctus* e *P. arcuatus*, Cuv., &  
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 Poey, Syn., pgs. 350 e 351 — 1868; *Pomacanthus arcuatus*, Lütken,  
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**Apogon americanus** Casteln. = *Apogon americanum*, Castelnau, Anim. Nouv. ou Rares de l'Am. du Sud, Poiss., pg. 3, est. 3, fig. 2 — 1855; *Apogonichthys americanus*, Günther, Cat., I, pg. 247 — 1859; *Apogon americanus*, Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 1.107 — 1896.

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**Oxylabrax undecimalis** (Bl.) = *Camuri*, Maregrav, Hist. Piscium, lib. IV, pg. 160, Piso & Maregr. Hist. Nat. Brasiliae — 1648; est. X dos Desenhos de Gentios, animaes quadrupedes, aves, amphibios, peixes, insectos, etc., de Alexandre Rodrigues Ferreira — 1783-93; *Sciæna undecimalis*, Bloch, Ichthyologie, IX parte, pg. 51, est. 303 — 1797; *Platycephalus undecimalis*, Bloch & Schneider, Ichthyologie, pg. 54 — 1801; *Centropomus undecim-radiatus*, Lacépède, Hist. Nat. des Poiss., vol. IV, pgs. 267, 268 e 269 — 1802; *Perca loubina*, o mesmo, op. cit., pgs. 397, 421 e 422 — 1802; *Sphiræna aureoviridis*, o

mesmo, op. cit., vol. V, pgs. 325, 327 e 329, est. IX, fig. 2—1803; *Centropomus undecimalis*, Cuvier, Règne Animal, Poiss., pg. 21—1816; Cuvier & Valenciennes, Hist. Nat. des Poiss., vol. II, pgs. 75 á 79 (nec est. 14)—1828; Schomburk, Hist. Barbadoes, pg. 665—1847; o mesmo, Reisen in British-Guiana, III vol., pg. 620—1848; Guichenot in Ramon de la Sagra, H. Nat. de l'I. de Cuba, Poiss., pg. 9—1853; Günther, Cat. of Fishes of British Museum., I, pg. 79—1859; Poey, Mem. de la Isla de Cuba, II, pg. 119—1860; Gill, Proc. Acad. Nat. Sci. of Philad., pg. 48—1861; Vaillant & Bocourt, Mission Scientifique au Mexique, IV, pg. 17, estampa 2, fig. 1—1874; Günther, Trans. Zool. Soc. London, VI, pg. 406—1868; Lockington, Proceed. Calif. Acad., VIII, pg. 110—1877; Boulenger, Catal. of Fishes in the British Museum I, 2ª edit., 367—1895; Jordan & Evermann, Fishes of North and Middle-America, I, pg. 119—1896 e IV, est. CLXXIX—1900; Galdi, Bol. Mus. Paraense, vol. II, pg. 470—1898; Mir. Ribeiro, “Lavoura”, n. 788, pg. 251—1902; o mesmo, “Lavoura”—Abril á Julho, pg. 157—1903.

**Oxylabrax ensiferus** (Poey) = *Centropomus undecimalis* (parte) Günth., Cat., I, pg. 79—1859; *Centropomus ensiferus*, Poey., Mem. de la I. de Cuba, II, pg. 122, pt. XII, fig. 1—1860; *Centropomus armatus*, Gill., Proc. Acad. Phila., pg. 163—1863; *Centropomus affinis*, Steindachner, Sitzungsberichte Akad. Wissenschaft zu Wien, XLIX, 1, pg. 200, est. 1, fig. 1—1864; *Centropomus brevis*, Günth., Proc. Zool. Soc., pg. 145—1864; *Centropomus ensiferus*, Günth., Trans. Zool. Soc. VI, pg. 408—1868; *Centropomus scaber*, Bocourt, Ann. Sc. Nat. (5ª série), pg. 90—1868; *Centropomus ensiferus*, Poey, Rep. Fis. Nat. de la I. de Cuba, II, pg. 280—1868; *Centropomus armatus* Günth., Tr. Zool. Soc. London, t. VI, pte. VII, pg. 408—1868-69; *Centropomus affinis*, Vaillant & Bocourt, Mission Scientifique au Mexique—Poissons, pg. 31, est. 1, figs. 1, 1ª, 1ª, 1ª—1874; *Centropomus armatus*, Vaillant & Boc., loc. cit., pg. 34, est. 1, ter. fig. 2; *Centropomus brevis*, Vaillant & Boc., loc. cit., pg. 36; *Centropomus ensiferus*, Vaillant & Bocourt, loc. cit., pg. 33; *Centropomus ensiferus*, Steindachner, Denkschrift f. W. Akad. Z. Wien, XXXIX, pg. 21—1878; *Centropomus robalito*, Jord. & Gilbert, Proc. U. S. Nat. Mus., IV, pg. 462—1882; Jordan, Proc., U. S. Nat. Mus., IX, pg. 39—1886; *Centropomus ensiferus*, Boulenger, Catal. (2ª ed.)—1895; *Centropomus affinis*, Mir. Rib., “Lavoura”, 8 especies de Peixes do rio Pomba, pg. 3 (parte)—1902.

**Oxylabrax pedimacula** (Poey.) = *Centropomus undecimalis*, Cuv. & Val., parte, Hist. Nat. des Poiss., II vol., pg. 102 — 1828; *Centropomus pedimacula*, Poey, Mem. Cuba, II, pg. 122 — 1860; *Centrop. medius*, Günther, Proc. Zool. Soc. Lond., pg. 144 — 1864; *Centropomus pedimacula*, Poey, Repert. Fis. Nat., pg. 280 — 1868; *Centropomus medius*, Günther, Trans. Zool. Soc., pg. 406, VI — 1868; *Centropomus curieri*, Bocourt, Ann. Sc. Nat. (5) IX, pg. 91 — 1868; *Centropomus pedimacula*, Vaillant & Bocourt, Miss. Sc. au Mexique, Poiss., pg. 29; *Centropomus curieri*, os mesmos, loc. cit., pg. 26, pl. I, ter, fig. 1; *Centropomus medius*, Vail. & Boc., loc. cit., pg. 30 — 1874; *Centropomus pedimacula*, Steind., Denkschrift Akad. Wiss. Wien, XXXIX, pg. 22 — 1878; Jordan, Proc. U. S. Nat. Mus., VIII, pg. 376 — 1885; *Centropomus grandoculatus*, Jenkins & Everm., Proc. U. S. Nat. Mus., XI, pg. 139 — 1888; *Centropomus pedimacula*, Boul., Cat. (2<sup>a</sup> ed.), pg. 371.

**Oxylabrax pectinatus** (Poey) = *Centropomus undecimalis* (parte) Günther, Cat., I, pg. 79 — 1859; *Centropomus pectinatus*, Poey, Memorias, tom. II, pg. 121, est. XIII, fig. 6 — 1860; Repert., II, pg. 280 — 1868; *Centropomus pectinatus*, Vaillant & Bocourt, Miss. Sc. au Mexique, Poiss., pg. 25 — 1874; *Centropomus pectinatus*, Boulenger (Cat. 2nd. edition), pg. 368 — 1895; *Centropomus pectinatus*, Jord. & Everm., Fishes N. & Middle America I, pg. 1122 — 1896.

**Oxylabrax parallelus** (Poey) = *Centropomus undecimalis*, Günther, Cat., I, pg. 79 — 1859; *Centropomus parallelus*, Poey, Mem. Cuba, II, pg. 120 — 1860; o mesmo, Repert. II, pg. 280 — 1868; Günther, Trans. Zool. Soc. Ld., VI, pg. 406 (pte.) e 407 — 1868; *Centropomus mexicanus*, Bocourt, Ann. des Sc. Nat., 5 ser., IX, pg. 90 — 1868; *Centropomus appendiculatus*, Günther, (pte.) Trans. Zool. Soc., VI — 1868; Vaillant & Bocourt, Mission Scientifique au Mexique, Poiss., pg. 23, est. I, fig. 2 — 1874; *Centropomus parallelus*, os mesmos, loc. cit., pg. 22; *Centropomus parallelus* Boulenger (Cat. 2nd. ed.), pg. 369; *Centropomus mexicanus* e *C. parallelus*, Jordan & Evermann-Fishes N. & M. America-Bull. 47 U. S. Nat. Mus., parte I, pags. 1121 e 1122 — 1896; *Centropomus affinis* (parte), Mir. Rib. "Lavoura", nos. 7 à 8, pg. 252 — 1902.

**Rypticus saponaceus** (Bl. & Schm.) = *Jaboucillo*, Parra, Dil. Piez. de H. Nat., pg. 51, est. 24, fig. 2 — 1787; *Aulthias saponaceus*, Bl. & Schm., Syst. 310 — 1801; *Rypticus saponaceus*, Cuv. & Val., Hist. Nat. des Poiss.,

vol. III, pg. 46 — 1829; Storer, Syn. Fishes N. Am., 289 — 1846; *Rhyplieus microps*, Castelnau, Animaux Nouv. au Râres de l'Amérique du Sud, pg. 6 — 1855; *Rhyplieus arenatus*, Steind., Sitzs. ber. Akad. Wissenschaft. Wien, LVI, pg. 347 — 1867; *Ryplieus saponaceus*, Poey, Syn. Pisc. Cub., pg. 297 — 1868; Günther, Proc. Zool. Soc. of London, pg. 225 — 1868; Gill., Proc. Acad. Nat. Sciences Philad., pg. 52 — 1869; Cope, Trans. Am. Philos. Soc., pg. 467 — 1870; *Eleutheractis coriaceus*, Cope, Trans. Am. Philos. Soc., pg. 467 — 1870; *Rhyplieus saponaceus*, Poey, Emm., pg. 34 — 1875; *Ryplieus saponaceus*, Peters, Berl. Monatsber., pg. 245 — 1876; Günther, Cat., I, 172 — 1879; Poey, Fauna Puerto Riqueña, pg. 322 — 1881; Jord., Proc. U. S. Nat. Mus., pg. 35 — 1884; o mesmo, Cat. Fish. N. Am., pg. 85 — 1885; Proc. U. S. Nat. Mus., pgs. 41 e 581 — 1886; Jord. & Eigenmann — Bull. of th U. S. Fish-Comm., pgs. 337, 338 e 340 — 1888 (1890); *Ryplieus arenatus*, Jord. & Eigen. (parte), loc. cit., pgs. 338, 340; *Ryplieus coriaceus*, Jord. & Eigenmann, op. cit., pg. 341; *Rhyplieus saponaceus*, Boulenger, Cat. I (2d ed.), pg. 348 — 1895.

**Ryplieus arenatus** Cuv. & Val = *Ryplieus arenatus*, Cuv. & Val., vol. III, pg. 65, est. XLV — 1829; Günther, Cat., I, pg. 173 (1859); *Rhyplieus subbifrenatus*, Gill., Proc. Acad. Philad., pg. 53 — 1861; *Rhyplieus nigromaculatus*, Steind., Akad. Wien, LVI, I, pg. 348 — 1867; *Rhyplieus arenatus* (parte) Jord. & Eigenm., Bull. U. S. Fish. Comm., pgs. 338 e 340; *Ryplieus nigromaculatus*, Jord. & Eigenm., loc. cit., pg. 341 — 1888 (1890); *R. arenatus*, Boul., Cat., I (2d ed.), pg. 349 — 1895.

**Acanthistius brasiliensis** (Cuv. & Val.) = *Plectropoma brasiliensis*, Cuv. & Val., II, pg. 397 — 1828; *Plectropoma aculeatum*, Cuv. & Val., IV, pg. 523 — 1830; Günther, Catal., I, pg. 163 — 1859; *Acanthistius brasiliensis*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., VII — 1888, pg. 348 — 1890; Boulenger, Cat., I (2d ed.), pg. 141 — 1895.

**Alphestes afer** (Bl.) = *Epinephelus afer*, Bloch, Ichthyology, vol. X, pg. 10, tab. 327 — 1797; *Alphestes afer*, Bl. & Schneider., Syst. Ichthyol., 236 — 1801; *Plectropoma chloropterum*, Cuv. & Val., II, pg. 398 — 1828; *Plectropoma monacanthus*, Müll. & Trosch., in Schomb. Hist. Barb., pg. 665 — 1847; Poey, Mem. I, pg. 73, pl. IX, fig. 3 — 1851; Günther, Cat., I, pg. 164 — 1859; *Plectropoma monacanthus*, Günther, loc. cit., pg. 164; *Alphestes afer*, Peters, Monatsber. Berl. Acad., pg. 105 —

1865; *Prospinus chloropterus*, Poey, Repert., II, pg. 289 — 1868; *Alphestes monacanthus*, Cope, Trans. Amer. Philos. Soc. (2) XIV, pg. 467 — 1871; *Plectropoma chloropterus*, Vaillant & Boc., Miss. Sci. au Mexique, Poiss., pg. 107, pl. V, fig. 3 — 1877; *Alphestes afer*, Jord. & Swain, Bull. U. S. Nat. Mus., VII, pg. 396 — 1884; Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pgs. 349 e 350 — 1890; *Serranus armatus*, Osorio, Journ. Sc. Lish. (2) III, pg. 74 — 1894; *Epinephelus afer*, Boulenger, Cat., I (2 ed.), pg. 254 — 1895.

**Dermatolepis inermis** (Cuv. & Val.) = *Serranus inermis*, Cuv. & Val., Hist. Nat. Poiss., IX, 436 — 1833; Poey, Mem., I, pg. 54, est. 4, fig. 2 — 1851; Günther, Cat., I, pg. 153 — 1859; Poey, Rep. I, 198 — 1867; *Lucioperca inermis*, Poey, Syn., pg. 282 — 1868: o mesmo, Enum., pg. 17 — 1875; *Dermatolepis inermis*, Jordan & Swain, Proc. U. S. Nat. Mus., pg. 405 — 1884; Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pg. 375 — 1890; *Epinephelus inermis*, Boul., Cat., pg. 257 — 1895.

**Promicrops guttatus** (L.) = *Cugupuguacu e Itaiara*, Maregrav., Hist. Nat. Brasil., Pisces, pg. 169 — 1648; Willoughby, Hist. Pisc., pg. 303 — 1686; *Perca guttata*, Linnaeus, Syst. Nat., pg. 292 (Excl. Syn. de Catesby) — 1758; *Serranus itaiara*, Lichtenstein, Abhandl. Acad. Berl., pg. 279 — 1820-21; Cuv. & Val., II, pg. 376 — 1828; Müll. & Tr., in Shomburgk. Reise B. Guiane, pg. 621 — 1842; *Serranus galeus*, Günther, Cat., I, pg. 130 — 1859; *Serranus guasa*, Poey, Mem. II, pg. 141, est. 13, f. 8 — 1860; *Serranus itaiara*, Peters, Berl. Monatsberichte, pg. 110 — 1865; *Promicrops guasa*, Poey, Rep. II, 154 — 1867; Syn., 287 — 1868; *Serranus quinquefasciatus*, Bocourt, Ann. Sc. Nat., pg. 223 — 1868; *Promicrops guasa*, Gill., Rep. U. S. F. Comm., pg. 806 — 1871-72; *Serranus itaiara*, Vaillant & Boc., Miss. Sci. au Mexique, pg. 90, est. II, fig. 4 — 1875; *Promicrops guasa*, Poey, Enum., pg. 18 — 1875; *Serranus itaiara* Steindachner, Ichthiol. Beiträge, V, pg. 127 — 1876; *Oligorus terre-reginæ* Ramsay, Proc. Linn. Soc. N. S. W., V, pg. 90, est. IX — 1880; *Epinephelus quinquefasciatus*, Jordan & Gilbert, Bull. U. S. Fish. Comm., pgs. 106, 110 e 112 — 1882; *Promicrops guasa*, Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; *Epinephelus guasa*, Gde. & Bu. Pr. U. S. Nat. Mus., pg. 238 — 1882; *Promicrops guasa*, Jord. & Gilbert, Bull. U. S. Nat. Fish. Comm., pg. 542 — 1883; *Epinephelus itaiara*, Jord., Proc. U. S. Nat. Mus., pg. 124 — 1884; *Promicrops itaiara*, Jord. & Swain, pg. 877 — 1884; *Promicrops guttatus*,

Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pg. 363, est. LXII — 1890; *Epinephelus itaiara*, Boul. (Cat. 2a edic.) — pg. 252 — 1895.

**Cerna adscensionis** (Osb.) = *Pira-pixanga*, Marcgr. Hist. Nat. Brasiliae, pg. 152 — 1648; *Percu* tab. 27, pg. 76, Artedi, in Seba Thesaurus III-1—758; *Trachinus adscensionis*, Osbeck, Reise nach China 1757, ed. inglesa, pg. 96 (1771); *Trachinus punctatus*, Bonnaterre, Tabl. Encyclop. Method., pg. 46 — 1788; *Holocentrus punctatus*, Bl. Ichthyol., VIII, est. 241 — 1790; *Percu maculata*, Bloch, Ichthyol, est. 313 — 1792; *Trachinus osbecki*, Lacép, Poiss., II, pg. 364 — 1800; *Sparus atlanticus*, Lacép., IV, pg. 156, est. CLVII, fig. 1 — 1803; *Serranus nigriculus*, Cuv. & Val., vol. II, pg. 375 — 1828; *Serranus pixanga*, Cuv. & Val., II, 383; *Serranus aspersus*, Jenyns, Zool. Beagle, Fishes, pg. 6 — 1842; *Serranus impetiginosus*, Müll. & Trosch in Shomburgk, Hist. Barbades, pg. 665 — 1847; *Serranus trimaculatus*, *Serranus impetiginosus*, *Serranus ura*, Günther, Cat. Fishes British Museum, vol. I, pgs. 109, 142 e 147 — 1859; *Serranus capreolus*, Poey, Mem. II, pg. 145 — 1860; *Serranus maculatus*, var. *impetiginosus*, Peters, Monatsberichte Berl. Acad., pg. 110 — 1865; *Epinephelus impetiginosus*, Poey, Rep. I, pg. 201 — 1866; *Serranus impetiginosus*, Günth., Proc. Zool. Soc. Lond., pg. 225 — 1868; *Serranus varius*; Boc., Ann. Se. Nat. (5) X, pg. 222 — 1868; *Epinephelus punctatus*, Poey, Enum. Pisc. Cub., pg. 16 — 1875; *Serranus impetiginosus*, Steind., Ich. Beitr. V, 127 — 1876; *Serranus capreolus*, Vaill. & Boc., Miss. Se. au Mex., pg. 87, est. 3, fig. 1 — 1877; *Serranus impetiginosus*, Günth., Challenger, Shore Fishes, 5 — 1880; *Epinephelus punctatus*, Poey, Anales Soc. H. Nat. Madrid, pg. 319 — 1881; *Epinephelus capreolus*, *Epinephelus impetiginosus*, Jord. & Gilbert., Syn. Fishes N. Am., pgs. 539 e 973 — 1883; *Serranus clathratus*, Gde., Fish & Fisheries Industries U. S., vol. I, est. CLXVI — 1884; *Epinephelus ascensionis*, Jord. & Swain, U. S. Nat. Mus., vol. VII, pg. 391 — 1884; *Epinephelus adscensionis*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pgs. 351 e 354, est. 60 — 1890; *Epinephelus aspersus*, Jord. & Eigenmann, loc. cit., pgs. 352 e 358; *Epinephelus ascensionis*, Boulenger (Cat. F. B. Mus., 1 (2d. ed.) I, 228) — 1895.

**Cerna striata** (Bl.) = *Cerna striata*, Seba, Thes. vol. 3<sup>o</sup>, pg. 76, est. XXVII, fig. 9, vol. 3<sup>o</sup> — 1761; *Cherna*, Parra, Diff. Piez., pg. 50, est. XXIV, fig. 1 — 1787; *Anthias striatus*, Bl., Ichthyol., IX, pg. 109, est. CCCXXIV — 1797; *Anthias striatus*, Bl. & Schn., Syst. Ichthyol.,

pg. 305 — 1801; *Anthias cherna*, Bl. & Schn., Syst., pg. 310 — 1801; *Sparus chrysomelanus*, Lacép., Poiss., t. IV, pgs. 53 e 160 — 1802; *Serranus striatus*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 228 — 1828; Storer, Syn. Fishes N. Am., pg. 27 — 1847; Guichenot in Ramon de la Sagra, H. Cuba, Poiss., pg. 12 — 1853; Günther, Cat., vol. I, pg. 110 — 1859; *Epinephelus striatus*, Gill, Proc. Acad. Nat. Sc. Phil., pg. 105 — 1865; *Serranus striatus*, Poey, Rep. I, 198 — 1867; *Epinephelus striatus*, Poey, Rep. Fis. Nat., vol. II, pg. 285 — 1868; Syn., pg. 310 — 1868; Cope, Trans. Am. Philos. Soc., pg. 466 — 1871; Poey, Enum., pg. 15 — 1875; *Serranus striatus*, Vaillant & Bocourt, Mission Sc. au Mexique, pg. 76 — 1875; Goode, Bull. U. S. Nat. Mus., vol. V, pg. 57 — 1876; Bean, Proc. U. S. Nat. Mus., pg. 99 — 1880; Poey, An. H. Nat., pg. 319 — 1881; Jord. & Gill., Syn. Fish. N. Am., pg. 918 — 1883; Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; Jord., Proc. U. S. Nat. Mus., pg. 125 — 1884; Jord. & Swain, Proc. U. S. Nat. Mus., pg. 384 — 1884; Jord. & Eigenmann, Proc. U. S. Fish. Comm., vol. VIII, pg. 356 — 1890; Boulenger, Cat., I, pg. 235 — 1895.

**Cerna catus** (Cuv. & Val.) = *Cugupuquacu*, Catesby, Hist. Nat. Carol., est. 14 — 1743; *Cabrilla*, Parra., Diff. Piez. de Hist. Nat. Cuba — 1787; *Lutjanus lunulatus* (his) Bl. & Schn., Syst., pg. 329 — 1801; *Serranus apua*, *Serranus maculosus* (\*) *Serranus catus*, *Serranus lunulatus*, e *Serranus arara*, Cuv. & Val., II, pgs. 287, 332, 373, 377 e 379 — 1828; *Serranus catus*, Guichenot, in Ramon de la Sagra, H. Nat. de I. de Cuba, II, 13 — 1850; *Serranus oncus*, *S. angustifrons*, Steind. Verhandlungen Zool. Bot. Ges. Wien, XIV, pg. 230, est. VII, pg. 283 — 1864; *Serranus maculatus*, *Serranus apua*, Günther, Cat., I, pgs. 130 a 140 — 1859; *Serranus maculatus*, var. *cubanus* et var. *catus* Peters, Berl. Mon., pg. 110 — 1865; *Serranus lunulatus*, Steindachner, Ichthyol. Mittheil., IX, pg. 15 — 1866 e Poey, Rép. I, pg. 200 — 1867; *Serranus apua*, Steind., Ichthyol. Not. VI, pg. 43 — 1867; *Epinephelus cubanus*, Poey, Rep. Fis. Nat. I, Cuba I, pg. 202 — 1867; *Epinephelus lunulatus*, Poey, Syn. Pisc. Cub., 286 — 1868; *Epinephelus cubanus*, o mesmo, loc. cit., pg. 287; *Epinephelus lunulatus*, Cope, Trans. Amer. Philos. Soc., pg. 465 — 1871; *Serranus maculatus*, Vaillant & Boc., Mission Scient. au Mexique, IV, pg. 83 — 1875; *Epinephelus lunulatus* e *Epinephelus cubanus*, Poey, Enum., pgs. 16 e 17 — 1875; *Epinephelus guttatus*, Goode, Bull. U. S.

(\*) Alguns auctores consideram preocupado este nome por « E. adscensionis » chamada « Perca maculata » por Bloch — 1792.

Nat. Mus., V., pg. 58 — 1876; *Serranus stathouleri*, Vaillant, Miss. Scient. au Mexique, Poisson, pg. 69 — 1877; *Serranus apua*, Günther, Challenger, Shore-Fishes, pg. 6 — 1880; *Epinephelus guttatus*, Bean, Proc. U. S. Nat. Mus., pg. 99 — 1880; *Epinephelus guttatus* e *E. apua*, Jordan & Gilbert, Syn. Fish N. Am., pgs. 919 e 973 — 1883; *Epinephelus apua*, Jord. & Swain, Proc. U. S. Nat. Mus., pg. 389 — 1884; *Epinephelus catus* e *Dermatolepis angustifrons*, Jord. & Eigenmann, Bull. U. S. Fish Comm., pgs. 355 e 375 — 1890; Boulenger, Cat. Fishes British Mus. (2ª ed.) 1 vol., pg. 210 — 1895; *Epinephelus maculosus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. 1, pg. 1.159 — 1896.

**Cerna gigas** (Brünn.) = *Perca gigas*, Brunnich, Ichthyol. Massil. pg. 65. n. 81 — 1768; *Holocentrus gigas*, Bl. & Schn., Syst. Ichthyol., pg. 322 — 1801; *Holocentrus merou*, Lacép., Poiss., IV, pg. 376 — 1802; *Serranus gigas*, Geoffr., Mem. du Mus., XI, pg. 443, est. XXI — 1824; Risso, Europ. Mer., III, pg. 373 — 1826; Cuv. & Val., II, pg. 201, est. 33 — 1828; *Serranus mentzelii* e *S. dichropterus*, (parte) os mesmos, op. cit., pgs. 291 e 293; Bory, Exped. Morée, vol. III, Poiss., est. XVI, fig. 1 — 1832; *Serranus marginalis*, Lowe, Proc. Zoological Soc. London, pg. 142 — 1833; *Serranus fimbriatus*, o mesmo, Trans. Camb. Philosophical Soc., VI, pg. 195 — 1836; *Serranus gigas* (parte) Yarrel, British Fishes, vol. 1, pg. 15, c. f. — 1836; *Cerna gigas*, Bonat., Icon. Fam. Ital., III, introdução — 1841; *Serranus fimbriatus*, Val. in Web. & Berthel., I, Canaries, Poiss., pg. 8 — 1843; *Serranus gigas*, Guichenot, Explor. Scient. Alger., Poiss., pg. 35 — 1850; *Cerna gigas*, Costa, Fauna Nap., pg. 1, est. VII bis — 1850; *Serranus mentzelii*, Günther, Cat., I, pg. 140 — 1859; *Serranus gigas*, o mesmo, loc. cit., pg. 132; *Serranus ongus*, Günth., loc. cit., pg. 142 (parte); *Serranus gigas*, Capello, Journ. de Scienc. de Lisbona, vol. 1, pg. 244 — 1867; *Serranus fimbriatus*, o mesmo, loc. cit., pg. 246; *Serranus gigas*, Steind., Sitzgsber. Akad. Wien, I, LXI, pg. 613 — 1867; *Epinephelus bracysonus*, Cope, Trans. Amer. Philos. Soc. (2) XIV, pg. 466 — 1871; *Serranus gigas*, Canestrini, Fauna Italica, Pesci, pg. 76 — 1874; Steind., op. cit., vol. LXXIV, I, pg. 175 — 1876; Day, Fishes G. Brit., pg. 16 — 1880; *Epinephelus gigas*, Mor., Poiss. de France, II, pg. 368 — 1881; *Cerna gigas*, Doderlein, Giorn. Sc. Palermo, XV, pg. 177, est. 1, fig. 1 — 1882; *Epinephelus gigas*, Jord. & Swain, Proc. U. S. Nat. Mus., VII, pg. 388 — 1884; Doderl. Man. Ittiol. Medit., IV, pg. 61 — 1889; Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pg. 359 — 1890; Boul., Cat. F. B. Mus. (2ª ed.) 1 vol., pgs. 231-2 — 1895.



**Cerna morio**, (Cuv. & Val.) = *Serranus morio*, Cuv. & Val., vol. II, pg. 285 — 1828; Dekay, N. York Fauna, Fishes, pg. 23 — 1842; *Serranus erythrogaster*, Storer, Syn., pg. 30 — 1846; o mesmo, op. cit., pg. 21, est. XIX, fig. 52; *Serranus morio*, Günth., Cat., I, pg. 142, — 1859; *Serranus striatus*, o mesmo, loc. cit., pg. 110 (parte); *Serranus erythrogaster*, o mesmo, loc. cit., pg. 133; Holbr., Ichthyol., S. Carol. (2ª ed.), pg. 29, est. V, fig. 2 — 1860; *Serranus remotus*, Poey, Mem. Cuba, vol. 2ª, pg. 140 — 1860; *Epinephelus morio*, e *Epinephelus erythrogaster*, Gill, Proc. Ac. Nat. Sci. Philad., pgs. 28 e 30 — 1861; *Serranus morio*, Poey, Repert. Fis. Nat. I. Cuba, vol. I, pg. 197 — 1865; *Epinephelus morio*, o mesmo, op. cit., II vol., pg. 285 — 1868; o mesmo, Enum. Pisc. Cub., 15; *Serranus morio*, Steindachder, Ichthyol. Beitr., V. Ztsber. Akad. Wien. LXXIV, I, pg. 175 — 1876; *Epinephelus morio*, Jord. & Gilb., Proc. U. S. Nat. Mus., 379 — 1878; Gde. & Bn., Proc. U. S. Nat. Mus., vol. II, pg. 139 — 1879; Gde., op. cit., pg. 115 — 1879; *Epinephelus morio*, Bn., Proc. U. S. Nat. Mus., pg. 99 — 1880; Poey, An. Hist. Nat., pg. 319 — 1881; Gd. & Bn. op. cit., pg. 238 — 1882; Bn. Cat. Fishes Exhib. Ldon. pg. 60 — 1883; Jord., Proc. U. S. Nat. Mus., pg. 124 — 1884; Jordan & Gilbert, Synopsis, Fishes N. America, pg. 510 — 1883; Gde., Fish. & Fisheries Ind. U. S., vol. I, est. CLXIV — 1884; Jordan & Swain, Proc. U. S. Nat. Mus., VII, pg. 341 — 1884; Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII, pg. 361 — 1890; Boulenger, Cat. Fishes B. Mus. (2ª ed.), vol. I, pg. 237 — 1895.

**Garrupa niveata** (Cuv. & Val.) = *Serranus niveatus*, Cuv. & Val., vol. II, pg. 380 — 1828; Castelnau, Anim. Nouv. etc., Am. Sud., Poiss., pg. 2, est. I, fig. 2 — 1855; *Serranus nigrilus*, Holbr., Ichthyol. N. Carol., pg. 173, est. XXV, fig. 11 — 1856; *Serranus niveatus*, *Serranus margaritifera* e *Serranus nigrilus*, Günth., Cat., I, pgs. 130, 131 e 134 — 1859; *Serranus conspersus*, Poey, Mem., II, pg. 139 — 1860; *Hyporhodus flavicauda* e *Epinephelus nigrilus*, Gill, Proc., Ac. Philad., pg. 98 e App., pg. 30 — 1861; *Epinephelus flavolimbatus*, Poey, Rep., vol. I, 183 — 1867; *Centropristis merus*, Poey, Rep. Cuba II, pg. 288 — 1868; *Epinephelus niveatus*, Poey, Rep. II, pg. 286 — 1868; *Epinephelus flavolimbatus*, Poey, Syn., pg. 286 — 1868; *Hyporhodus flavicauda*, Cope, Pr. Ac. Philad., pg. 119 — 1870; *Epinephelus flavolimbatus*, Poey, Enum., pg. 15 — 1875; *Epinephelus nigrilus*, Gde. & Bn., Proc. U. S. Nat. Mus., I, pg. 182 — 1878 e II, pg. 139 — 1879; Goode, Proc. U. S. Nat. Mus., pg. 139 — 1879; Jord. & Gilb., Syn., pg. 540 e *Epinephelus niveatus*, os mesmos, loc. cit., pg. 541 — 1882;

*Cerna sicana*, Doderl., Giorn. Sc. Palermo, XVI, pg. 82 — 1882; *Epinephelus nigrilus* e *E. niveatus*, Jord. & Swain, Proc. U. S. Nat. Mus., VII, pgs. 380 e 386 — 1884; *Epinephelus nigrilus*, Jord., Proc. U. S. Nat. Mus., pg. 208 — 1885; Bn., op. cit., pg. 231; *Epinephelus niveatus*, e *E. flavolimbatus*, Jord. & Everm., Proc. U. S. Nat. Mus., IX, pg. 475 — 1886; *Epinephelus sicanus*, Doderl., Man. Ichthiol. Medit., IV, pg. 57 — 1889; *Epinephelus niveatus*, *Epinephelus flavolimbatus*, *E. nigrilus* e *E. merus* Jord. & Eigenmann., Bull. U. S. Fish. Commission, VIII, pgs. 357, 361 e 362; *Epinephelus niveatus* e *E. nigrilus*, Boulenger, Cat. Fishes. B. Mus., 2<sup>a</sup> ed., pgs. 225 e 238 — 1895.

**Epinephelus ruber** Bl. = *Epinephelus ruber*, Bloch, Ichthyol., VII, pg. 22, est. 331 — 1793; *Serranus fuscus*, *Serranus emarginatus*, *Serranus acutirostris*, *Serranus undulosus*, Cuv. & Val., Hist. Nat. Poiss. II, pgs. 9, 10, 286 e 295 — 1828; *Serranus linca*, Cantraine, Giorn. Sc. Pisa — 1833; *Serranus nebulosus*, Cocco, Giorn. Lett. Sicil., XLII, pg. 21 — 1833; *Serranus fuscus*, Lowe, Tr. Cambr. Philos. Soc., VI, pag. 196 — 1836; *Serranus linca*, Cantraine, Nouv. Mem. Acad. Bruxelles, XI, c. I. — 183; *Serranus acutirostris* Cuv. in Webb & Berth. I. Can., Ichthyol., pg. 11, est. III, fig. 1 — 1843; *Cerna macrogenis*, Sassi, Cat. Pesci Lig., pg. 135 — 1846; *Serranus acutirostris*, Guichen., Expl. Alg., Poiss., pg. 35 — 1850; *Serranus fuscus*, *S. emarginatus*, *Serranus acutirostris*, *S. undulosus* e *S. flavoceruleus*, Günther, Catal., I, pgs. 134, 135, 143 e 144 — 1859; *Cerna macrogenis*, Canestrini, Mem. Ac. Torino, (2<sup>a</sup>) XXI, pg. 359, est. 1 fig. 1 — 1864; *Serranus undulosus*, Kner, Novara R. Fische, pg. 24 — 1865; *Serranus ruber*, Peters, Monatsber. Berl. Ac., pag. 107 — 1865; *Serranus fuscus*, Steind, Sitzungsber. Akad. Wien, LVI, I pg. 616, est. II, fig. 1 — 1867; *Epinephelus chalinus*, Cope, Trans. Am. Philos. Soc., (2) XIV, pg. 465 — 1871; *Serranus macrogenis*, Canestrini, Fauna Ital, Pesci, pag. 76 — 1874; *Epinephelus cuvieri*, Bleek, Atl. Ichthyol. VII, pg. 46 — 1876; *Serranus acutirostris*, *S. undulosus*, Steind, Sitzungsber. Akad. Wissenschafte z. Wien, LXXXVI, i, pg. 63 — 1882; *Cerna acutirostris*, *C. acutirostris* var. *fusca*, var. *lata*, Doderl. Giorn. Sc. Palermo, XV, pgs. 226, 240 e 243, ests. III fig. 5, IV fig. 8 — 1882; *Mycteroperca scirenga*, Jord. & Swain, Proc. U. S. Nat. Museum, vol. VII, pg. 369 — 1884; Jordan, Pr. U. S. Nat. Mus., IX, 532 — 1886; *Epinephelus acutirostris*, Doderl. Man. Ichthiol. Medit., IV, pg. 76 — 1889; *Mycteroperca rubra*, Jord. & Eigenmann, Bull. U. S. Fish Comm., vol. VIII, pgs. 366 e

372 — 1890; *Mycteroperca simonii*, Steind, Sitzungsber. Akad. Wien, pg. 352, est. 1, fig. 1 — 1891; *Epinephelus ruber*, Boulenger, Cat. 1 (2<sup>da</sup> ed.), pg. 267 — 1895.

**Epinephelus falcatus** (Poey) = *Serranus falcatus*. Poey, Mem., vol. II, pg. 138 — 1860; *Trisotropis falcatus*, Poey, Rep. Cuba, vol. II, pg. 285 — 1868; Poey, Ann. Lyc. Nat. Hist. New York, pg. 309 — 1869 e Enum., pg. 15 — 1875; *Trisotropis brunneus*, Goode & Bean, Proc. U. S. Nat. Mus., vol. II, pg. 140 — 1879; Poey, Bull. U. S. Fish Comm., vol. II, pg. 118 — 1882; Jord. & Gilb., Proc. U. S. Nat. Mus., pg. 273 — 1882; os mesmos, Synop., pg. 538 — 1883; *Epinephelus falcatus* Jord., Proc. U. S. Nat. Mus., pg. 124 — 1884; *Trisotropis falcatus*, Jord. & Swain., Proc. U. S. Nat. Mus., vol. VII, pg. 362 — 1884; *Mycteroperca falcata phenax*, Jord. & Swain, Proc. U. S. Nat. Mus., pg. 363 — 1884; *Mycteroperca falcata*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 365 e 368 — 1890; *Epinephelus falcatus*, Boul., Catal. Brihil. Ann. (2<sup>a</sup> ed.), vol. I, pg. 261 — 1895.

**Epinephelus microlepis** (Gde. & Bn.) = *Serranus acutirostris* (parte), Cuv. & Val., H. Poiss., vol. IX, pg. 432 — 1833; *Serranus ongus*, parte, Günther, Cat., vol. I, pg. 142 — 1859; *Trisotropis microlepis*, Gde. & Bn., Proc. U. S. Nat. Mus., vol. II, pg. 141 — 1879; Gde. & Bn., op. cit., pg. 238 — 1882; *T. microlepis* e *T. stomias*, Jord. & Gilb., Syn. Fish. N. Am., pgs. 538, 918 e 971 — 1883; *Trisotropis stomias*, os mesmos, Proc. U. S. Nat. Mus., vol. V, pg. 273 — 1882; Gde. & Bn., op. cit., pg. 427; *Trisotropis microlepis*, Gde., Fish. & Fisher. Ind. U. S. I, pl. CLXVII — 1884; *Epinephelus microlepis*, Jord., Proc. U. S. Nat. Mus., VII, pg. 124 — 1884; *Mycteroperca microlepis*, Jord. & Sw., Proc., U. S. Nat. Mus., vol. VII, pg. 367 — 1884; Jord. Pr. U. S. Nat. Mus., pg. 27 — 1886; Jord. & Eigenmann, Bull. U. S. Fish. Comm., vol. VII, pgs. 366 e 371, est. LXIII — 1890; *Epinephelus microlepis*, Boul., Cat., pg. 260 — 1895.

**Epinephelus bonaci** (Poey) = *Bonaci arára*, Parra, Diff. Piez, est. 16, fig. 2 — 1787; *Serranus undulosus*, Günth., Cat., vol. I, pag. 143 (parte) — 1859; *Serranus bonaci*, *S. brunneus*, *S. arára*, *S. decimatis*, *S. cyclopomatus* *S. latepictus*, Poey, Mem., vol. II, pgs. 129, 131, 132, 138 e 353 — 1860; *Serranus brunneus*, Poey, Rep., vol. II, pg. 156 — 1868; *Trisotropis bonaci*, *Trisotropis brunneus*, *T. aguaji*, Poey., Syn., pgs. 283 e 284 — 1868; *Trisotropis aguaji*, Poey, Rep., vol. II, pg. 229 — 1868; *Trisotropis brunneus*, *T. bonaci*, *T. aguaji*, Poey, Ann. Lyc. Nat. H.

New York, vol. IX, pgs. 305 e 306 — 1870; *Trisotropis bonaci*, *T. brunneus* *T. aguaji*, Poey, Enum., pgs. 13 e 14 — 1875; *Trisotropis brunneus*, Poey, Bull. U. S. Fish. Comm., pag. 118 — 1882; Jord. & Gilbert, Syn. Fish. N. Am., pg. 538 — 1883; *Epinephelus bonaci*, Jord., Pt. U. S. Nat. Mus., pag. 124 — 1888; *Mycteroperca bonaci*, *M. bonaci* var. *xanthosticta*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 370 e 371 — 1884; *Mycteros perca bonaci*, Jord. & Eigenmann, Bull. U. S. Fish. Com., vol. VIII, pgs. 366 e 370 — 1890; *Epinephelus bonaci*, Boul., Cat., vol. I, pg. 265 — 1895.

**Epinephelus tigris** (Cuv. & Val.) = *Serranus tigris*, Cuv. & Val., H. Nat. Poiss., vol. IX, pg. 440 — 1833; *S. tigris*, *S. undulosus* (parte) Günther., Cat., vol. I, pgs. 112 e 143 — 1859; *Serranus camelopardalis*, *S. felinus*, *S. rivulatus*, Poey, Mem., pgs. 132, 134 e 135 — 1860; *Trisotropis reticulatus*, Gill., Proc. Ac. Philad., pg. 105 — 1865; *Trisotropis camelopardalis*, *T. felinus*, Poey, Rep., vol. II, pg. 283 — 1868; *Trisotropis camelopardalis* e *T. tigris*, o mesmo, Ann. Lyc. N. H. N. Y., vol. IX, pg. 307 — 1870; *Trisotropis tigris* e *T. camelopardalis*, Poey, Enum., pg. 14 — 1875; *Mycteroperca tigris* e *M. reticulata*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 364 e 373 — 1884; Jord. & Eigenmann, Bull. U. S. Fish. Comm., pgs. 365 e 369 — 1890; *Epinephelus tigris*, Boul., Cat., vol. I, pg. 259 — 1895.

**Bodianus fulvus** (L.) = *Carauna*, Marcgrave, Hist. Nat. Bras., pg. 147 — 1648; *Perca marina-punctulata* e *Turdus cauda-conveva*, Catesby, Nat. H. Carol., VII est., e X, fig. 2 — 1743; *Labrus fulvus* e *Perca punctulata*, L. Syst. Nat. pgs. 287 e 296 — 1758; *Guativerere* e *G. amarella*, Parra Dill. Piez., est. V, figs. 1 e 2 — 1787; *Perca punctulata*, Gmlin, Syst. Nat., pag. 1.315 — 1788; *Perca punctulata* e *Holocentrus auralus*, Bl., Ichthyol., vol. VII, pg. 57, ests. CCXXXVI e CCCXIV — 1792; Bl. & Schm., Syst. Ichthyol., pg. 314 — 1801; *Bodianus guativerere* e *Gymnocephalus ruber*, os mesmos, Syst., pgs. 336 e 346, est. 67 — 1801; *Serranus auralus*, *Serranus ouatalibi* e *S. carauna*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pgs. 364, 381 e 384 — 1828; *Serranus guativerere*, *S. ouatalibi*, Müll. & Tr., in Schomb, H. Barb., pg. 665 — 1848; *S. ouatalibi*, Guichenot, in La Sagra, pag. 11 — 1853; *S. ouatalibi* e *S. carauna*, Casteln., An. Nouv. ou R. de L'Am. du Sud., vol. II, Poiss., pgs. 1 e 2, est. I, figs. 1 e 3 — 1855; *Serranus ouatalibi*, Gunth., Cat. vol. I, pg. 120 — 1859; *Serranus auralus*, Peters, Berl. Monatsber., pg. 103 — 1865; *Serranus guativerere*, Steind., Verhandl. Zool-Botan. Geselsch. Wien, vol. XVI, pg. 776 — 1866; *Serranus ouatalibi*

e *S. quativere*, Poey, Rep., vol. I, pgs. 202 e 203 — 1867; — *Enneacentrus punctatus*, o mesmo, Syn., pg. 288 — 1868; *Serranus quativere* e *S. ouatalibi*, Trans. Am. Philos. Soc., pg. 466 — 1871; *Enneacentrus punctulatus*, Poey, Enum., pg. 20 — 1875; *Enneacentrus punctatus*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 59 — 1876; *Epinephelus punctatus* e *Bodianus punctatus*, Jord. & Gilbert, Syn., pgs. 541 e 919 — 1883; *Enneacentrus fulvus* *E. ouatalibi* e *E. f. punctatus*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 402 e 403 — 1884; *Bodianus fulvus*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 378 e 379 — 1890; *Epinephelus punctatus*, Boul., Cat., vol. I, pg. 183 — 1895.

**Bodianus cruentatus** (Lacép.) = *Perca guttata*, Bl. Ichthyol., vol. VI, pg. 89, est. CCCXII — 1792; *Serranus cruentatus*, Lacép., Hist. Nat. des Poiss., vol. IV, pg. 157, est. 4, fig. 1 — 1803; *Serranus coronatus*, Cuv. & Val., vol. II, pg. 371 — 1828; *Serranus guttatus*, Casteln. Anim. N. ou R. de l'Am. du Sud., pg. 312 — 1854; *Serranus coronatus* e *S. coronatus*, var. *nigriculus*, Günther, Cat., vol. I, pg. 124 — 1859; *Serranus apiarius*, Poey, Mem. vol. II, pg. 143 — 1860; *Petrometopon apiarius* e *P. guttatus*, o mesmo, Synopsis, pg. 288 — 1868; *Serranus coronatus*, Poey, Report, vol. I, pg. 198 — 1868; *Serranus coronatus*, Cope, Trans. Am. Philos. Soc., pg. 466 — 1871; *Petrometopon guttatus* e *P. apiarius*, Poey, Enum., pgs. 19 e 20 — 1875; *Enneacentrus guttatus coronatus* e *Epinephelus guttatus*, Jordan, Proc. U. S. Nat. Mus., vol. VII, pg. 125 — 1884; *Enneacentrus coronatus*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 398 e 399 — 1884; *Bodianus cruentatus*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pg. 378 — 1890; *Epinephelus guttatus*, Boul., Cat., vol. I, pg. 176 — 1895.

**Dules auriga** Cuv. & Val., Hist. Nat. des Poiss., vol. III, pg. 112, est. 51 — 1829; Jenyns, Zool. Beagle, Fish., pg. 16 — 1840; Dekay, New York Fauna (?) Fishes, pg. 34, est. 10, fig. 34 — 1842; Castelnau, Anim. Nouv. ou Rar. de l'Am. du Sud., pg. 6 — 1855; Günther, Cat., vol. II, pg. 266 — Bahia — 1859; Jord. & Gilb., Syn., pg. 542 — 1883; Jordan, Proc. Acad. Nat. Sci. Philad., pg. 98 — 1884; Jordan & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 374 e 375 — 1890; *Serranus auriga*, Boul. (parte) Cat., vol. I, pg. 287 — 1895.

**Haliperca formosa** (L) = *Perca formosa*, Linneu, Syst. Nat. (in lide Jordani), ed. XII, pg. 488 — 1766; Gmlin, Syst. Nat., pag. 1.322 — 1788;

*Serranus radians*, Quoy & Gmrd, Voy. de l'Uran., Poiss., pg. 313, tab. 58, fig. 2 — 1824; *Serranus irradians* e *S. fascicularis*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pgs. 244 e 245, est. 30 — 1833; *Serranus fascicularis*, Cuv., Règne Anim. — 1829; Cuv. & Val., vol. IX, pg. 431 — 1833; Storer, Syn., pg. 280 — 1846; *Centropristis radians* e *C. fascicularis*, Günther, Cat., vol. I, pg. 83 — 1859; *Diplelectron fasciculare*, Holbrook, Ichthyol. S. Carol., pg. 32, est. 5, fig. 1 — 1860; Poey, Rep., vol. I, pg. 195 — 1867; o mesmo, Syn., pg. 282 — 1868; *Diplelectron radians*, o mesmo, Ann. Lyc. Nat. Hist., pg. 34 — 1871; *Diplelectron fasciculare*, Gill, Cat. Fishes E. C. N. Am., pg. 28 — 1873; *Diplelectron radians*, Poey, Enum., pg. 23 — 1875; An. Soc. Espan., vol. IV, pg. 97 — 1875; *Serranus fascicularis*, Jord. & Gilbert, Proc. U. S. Nat. Mus., pg. 273 — 1882; os mesmos, Synopsis, pg. 534 — 1883; *Serranus formosus*, Jordan, Proc. U. S. Nat. Mus., pgs. 35, 39 e 125 — 1884; o mesmo, Cat. Fish. North Am., pg. 82 — 1885; o mesmo, Proc. U. S. Nat. Mus., pg. 39 — 1886; *Diplectrum formosum*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., pgs. 396 e 397 — 1890; *Serranus radians*, Boul., Cat., vol. I, pg. 295 — 1895.

**Haliperca radialis**, Quoy & Gmrd. = *Serranus radialis*, Quoy & Guimard, Voy. de l'Uranie, pg. 316 — 1824; *Serranus radialis* e *Serranus bivittatus*, Cuv. & Val., vol. II, pgs. 234 e 241 — 1828; *Serranus radialis*, Cuv., Règne Anim. — 1829; *Serranus bivittatus*, Storer, Syn. Fish. N. Amer., pg. 279 — 1846; *Centropristis bivittatus* e *C. radialis*, Günther, Cat., vol. I, pgs. 82 e 83 — 1859; *Centropristis ayresi*, Steind., Ichthyol. Notiz, vol. VII, pg. 1, est. 1, fig. 1 — 1868; *Haliperca bivittata* — Poey, Synopsis., pg. 282 — 1868; o mesmo, Enum., pg. 22 — 1875; *Centropristis radialis*, Steind., Ichthyol. Beitr., vol. IV, pg. 6 — 1875; *Diplectrum radiale*, Streets, Bull. U. S. Nat. Mus., vol. VII — 1877; *Serranus radialis*, Jordan, Cat. Fish. N. Am., pg. 82 — 1885; o mesmo, Proc. U. S. Nat. Mus., pg. 376 — 1885; o mesmo, op. cit., pg. 181 — 1889; *Diplectrum radiale*, Jord. & Eigenm., Bull. U. S. Fish. Comm., vol. VIII, pgs. 397 e 398 — 1890; Boul., Cat., vol. I, pg. 297 (parte ?) — 1895.

**Serranus flaviventris**, (Cuv. & Val.) = *Dules brasiliensis*, Cuv. & Val., Hist. Nat. Poiss., vol. III, pg. 113 — 1829; *Centropristis brasiliensis*, Brissout, Rev. Zool., pg. 131 — 1847; *Centropristis brasiliensis* e *Dules flaviventris*, Günther, Cat., vol. I, pgs. 85 e 267 — 1859; *Centropristis dispilurus* e *Serranus brasiliensis*, Jord., Proc. U. S. Nat. Mus., vol. IX, pgs. 27 e 533 — 1866; *Serranus flaviventris* Jord. &

Eigenmann, Bull. U. S. Fish Com., vol. VIII— pgs. 401 a 406— 1890; *Serranus auriga*, Boul., Cat., vol. I, pg. 287 (parte) — 1895.

**Serranus annularis** Günth. = *Centropristis annularis*, Günth, Shore Fishes, Challenger, pg. 6, est. 1, fig. C — 1880; *Serranus annularis*, Jord. & Eigenman, Bull. U. S. Fish. Comm., vol. VIII, pgs. 401 e 405 — 1890; Boul., Cat., vol. I, pg. 293 — 1895.

**Serranus castelnaui**, Jord. & Eigenmann. = *Centropristis nebulosus*, Castelnau, Anim. Nouv. ou Rar. de l' Amer. du Sud, Poiss., pg. 5, est. 1, fig. 4 — 1855; *Serranus castelnaui*, Jord. & Eigenmann., Bull. U. S. Fish Comm., pgs. 403 e 409 — 1890; Boul., Cat., vol. I, pg. 279 — 1895.

**Serranus atrobranchus** (Cuv. & Val.) = *Centropristis atrobranchus*, Cuv. & Val., Hist. Nat. Poiss., vol. III, pg. 45 — 1829; Günther, Cat., vol. I, pg. 86 — 1859; *Serranus atrobranchus*, Jord., Proc. U. S. Nat. Mus., vol. IX, pg. 532 — 1886; Jord. & Eigenmann, Bull. U. S. Fish Comm., vol. VIII, pgs. 401 e 404 — 1890; Boul., Cat., vol. I, pg. 289 — 1895.

**Paranthias furcifer** (Cuv. & Val.) = *Rabirrubia de lo alto*, Parra, Piez. de H. Nat., pg. 43, est. 20, fig. 2 — 1787; *Serranus furcifer* e *Serranus creolus*, Cuv., & Val., vol. II, pgs. 264 e 265 — 1828; *Serranus creolus*, Cuv. Règne Animal, vol. III, est. VIII, fig. 1 — 1836; *Corvina oxyptera*, Dekay, N. Y. Fauna, Fishes, pg. 77, est. XXX, fig. 96 — 1842; *Serranus colonus*, Val., Voyage Venus, Zool., pg. 300, est. 2, fig. 1 — 1846; *Serranus creolus*, Storer, Synopsis, pg. 278 — 1846; *Anthias furcifer* e *Serranus creolus*, Günther, Cat., vol. I, pgs. 91 e 100 — 1859; *Brachyrhinus creolus* e *B. colonus*, Gill, Proc. Acad. Nat. Sci. Philad., pgs. 249 e 250 — 1862; *Paranthias creolus* e *Paranthias furcifer*, Guichm, Ann. de la Soc. Lin. Maine et Loire, pg. 87 — 1868; *Brachyrhinus creolus*, Poey, Synopsis, pg. 281 — 1868; *Serranus creolus*, Günth., Fish of Centre. Am., pg. 409 — 1869; *Brachyrhinus furcifer*, e *B. creolus*, Poey, Ann. Lyc. Nat. Hist. N. York, pgs. 34 e 46 — 1871; *Brachyrhinus furcifer*, o mesmo, Enum., pg. 19 — 1875; *Serranus creolus*, Steind. Ichthyol. Beitr., vol. IV, pg. 6 — 1875; *Brachyrhinus furcifer*, Jord., & Gilb., Syn. Fish. N. A., pg. 916 — 1882; *Paranthias furcifer*, Jord., Cat. Fish. N. Am., pg. 83 — 1885; o mesmo, Proc. U. S. Nat. Mus., pg. 377 — 1885; o mesmo, op. cit., pg. 39 — 1886; o mesmo, op. cit., pg. 181 — 1889; Jord. & Eigenmann., Bull. U. S. Fish Comm., vol. VIII, pg. 381 — 1890; Boul., Cat., vol. I, pg. 273 — 1895.

**Bathyantias roseus** Günth = *Bathyanthias roseus*, Günther, Shore Fishes of the Challenger Expedition, pg. 6, est. I, fig. B — 1880; Jordan & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 416 e 417 — 1888 (1890).

**Odontanthias** (?) *tonsor* (Cuv. & Val.) = *Serranus tonsor*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 195 — 1828; *Anthias tonsor*, Günther, vol. I, pg. 91 — 1859; *Odontanthias* (?) *tonsor*, Jordan & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 415 e 416 — 1890; *Anthias tonsor*, Boul., Cat., pg. 324 — 1895.

**Odontanthias asperilingua** Günther = *Anthias asperilinguis*, Günther, Cat. vol. I, pg. 89 — 1859; Boulenger, Cat., vol. I, pg. 326 — 1895; *Odontanthias asperilinguis*, Jord & Eigenm., Bull. U. S. Fish. Comm., vol. VIII, pg. 416 — 1890; *Anthias asperilinguis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 1.227 — 1896.

**Odontanthias duplicidentatus** Mir. Rib. = *Anthias duplicidentatus*, Mir. Rib., Pescas do Annie, pg. 26, Abril a Julho — 1903; Fauna Bras., *Serranidae*, pg. 36 — 1913.

**Lobotes surinamensis** (Bl.) = *Holocentrus surinamensis*, Bl., Ichthyol., est. 243 — 1890; *Bodianus triurus*, Mitchell, Trans. Lit. and Philos. Soc., I, pg. 418 — 1815; *Lobotes erate*, Cuv., Règne Animal, ed. II, pg. 177 — 1829; Cuv. & Val., Hist. Nat. Poiss., vol. V, pg. 322 — 1830; *Lobotes farkharii*, os mesmos, loc. cit., pg. 324; *Lobotes somnolentus*, os mesmos, loc. cit., *Lobotes incurvus*, Richardson, Ich. China, pg. 237 — 1846; *Lobotes auctorum*, Günth., Cat., vol. I, pg. 338 — 1859; *Lobotes surinamensis*, Holbrook, Ichthyol. S. Carol., pg. 169 — 1860.

**Eucinostomus gula** (Cuv. & Val.) = *Gerres gula* (Cuv. & Val.), H. Nat. Poiss., vol. VI, pg. 349 — 1830; Günther, Cat., vol. I, pg. 346 — 1859 e vol. IV, pg. 255 — 1862; *Eucinostomus argenteus*, Baird & Girard, vol. IX, Smithsonian Rept., pg. 345 — 1855; *Eucinostomus gulula*, Poey. Enum., pg. 54, est. 2 — 1875; *Diapterus homonymus*, Goode & Bn., Pr. U. S. Nat. Mus., pg. 340 — 1879; *Gerres argenteus*, *G. homonymus*, Jord. & Gilb., Syn., pg. 584 — 1883; *Gerres gula*, Evermann & Meek, Pr. Ac. Nat. Sc. Philad., pg. 264 — 1886; *Eucinostomus gula*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.367 e 1.370 — 1898.



**Eucinostomus harengulus** Goode & Bean = *Gerres aprion*, Günther, Cat. vol. I, pg. 352 — 1859 e vol. VI, pg. 255 — 1862; *Eucinostomus harengulus*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 132 — 1879; *Gerres harengulus*, Jordan & Gilbert, Synopsis, pg. 584 — 1883; *Eucinostomus harengulus*, Jord. & Everm. Bull. 47 U. S. Nat. Mus., II part., pgs. 1.367 e 1.368 — 1898.

**Eucinostomus pseudogula** Poey = *Eucinostomus pseudogula*, Poey, Enum., pg. 53, est. 1 — 1875; *Gerres jonesi*, Günth., Ann. & Mag. Nat. Hist., vol. III, pgs. 150 e 389 — 1879; *Gerres pseudogula*, Everm. & Meek, Pr. Ac. Nat. Sc. Philad., pg. 260 — 1876; *Eucinostomus pseudogula*, Jord. & Eigenmann, Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.367, 1.368 — 1898; Mir. Rib., Pescas do Annie. "Lavoura", n.ºs. 4 a 7, Abril a Julho, pg. 172 — 1903.

**Diapterus rhombeus** (Cuv. & Val.) = *Gerres rhombeus*, Cuv. & Val., Hist. Nat. Poiss., vol. VI, pg. — 1830; Günther, Cat., vol. I, pg. 341 — 1859; Everm. & Meek, Pr. Ac. Nat. Sci. Philad., pg. 266 — 1886; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.373 e 1.374 — 1898.

**Diapterus olisthostomus** (Goode & Bean.) = (*Gerres auralus Ranzani?*) — *Gerres olisthumus*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 423 — 1882; Everm. & Meek, Pr. Acad. Nat. Sc. Philad., pg. 267 — 1886; Everm. & Bean. Sen. Doc. 46 54 — Congr. 2ª Sess. 23 — 1897; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.374 e 1.376 — 1898 e IV parte, est. CCXVIII, fig. 557 — 1900.

**Diapterus brasiliensis** (Cuv. & Val.) = *Gerres brasiliensis*, Cuv. & Val., vol. VI, pg. 344 — 1830; *Gerres patão*, Poey, Mem., II, pg. 320 — 1868; *Gerres brasiliensis*, Everm. & Meek, Pr. Acad. Nat. Sc. Philad., pg. 268 — 1886; Jord., Pr. U. S. Nat. Mus., pg. 231 — 1890; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.374 e 1.378 — 1898.

**Diapterus plumieri** (Cuv. & Val.) = *Gerres plumieri*, Cuv. & Val., vol. VI, pg. 340, est. 167 — 1830; Günther, Cat., vol. I, pg. 340 — 1859 e vol. IV, pg. 253 — 1862; Jordan & Gilbert, Synopsis, pg. 583 — 1883; Evermann & Meek, Pr. Acad. Sc. Philad., pg. 270 — 1886; Jordan & Evermann, Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.374 e 1.379 — 1898.

- Chilodactylus macropterus** (Bl. & Schn.) = *Cichla macroptera*, Bl. & Schn. Syst., pg. 342 — 1801; *Sciæna macroptera*, Licht. (Forst. sec Berg.) *Cheilodactylus macropterus*, Richardson, Proc. Zool. Soc. London, pg. 62 — 1850; o mesmo, Ann. & Mag. Nat. Hist., vol. VII, pg. 278 — 1851; *Chilodactylus macropterus*, Günther, Cat., vol. II, pg. 78 — 1860; Hutton, Fish. N. Zeal, pgs. 8 e 107, fig. 10 — 1872; Günther, Shore Fishes, Chall. Exped., pg. 26 — 1880; Perugia, Ann. Mus. Civ. Genova. (2) X (XXX), pg. 612, 10 — 1891; Gill, Mem. Nat. Acad. Sci. Washington, vol. VI., pg. 99 — 1893; Berg., An. Mus. Nac. B. Ayres, vol. V, ser. II, tomo II, pg. 60 — 1896.
- Rhomboplites aurorubens** (Cuv. & Val.) = *Centropristis aurorubens*, Cuv. & Val., H. Nat. Poiss, vol. III, pg. 34 — 1829; Storer, Syn., pg. 288 — 1846; *Mesoprion elegans*, Poey, Mem., vol. II, pg. 153 — 1860; *Mesoprion aurorubens*, Günth, Cat., vol. I, pg. 207 — 1859; Gill, Proc. Acad. Nat. Sci. of Philad., pg. 236 — 1862; *Rhomboplites elegans*, Poey, Rep., vol. II, pg. 158 — 1868; e Synopsis, 295 — 1868; Enum., pg. 31 — 1875; *Lutjanus aurorubens*, Vaillant & Boc., M. Sci. au Mexique, Poiss., pg. 117 — 1877; *Rhomboplites aurorubens*, Gde. & Bn., Pr. U. S. Nat. Mus., pg. 136 — 1879; Bn., Pr. U. S. Nat. Mus., pg. 96 — 1880; Jordan & Gilbert, Synopsis, pg. 549 — 1883; *Aprion ariommus*, Jord. & Gilbert, Proc. U. S. Nat. Mus., pg. 147 — 1883; *Rhomboplites aurorubens*, Jord., Pr. U. S. Nat. Mus., pg. 36 — 1884; Gill, Pr. U. S. Nat. Mus., pg. 354 — 1884; Jord. & Swain, Proc. U. S. Nat. Mus., pgs. 463 e 464 — 1884; Jord., loc. cit., pg. 319 — 1890; *Rhomboplites aurorubens*, Jord. & Fesler., Rep. U. S. Fish Comm., pgs. 454 e 543, est. 34 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., part. II, pgs. 1.276-7 — 1898 e parte IV, estampa CC, fig. 52 — 1900.
- Ocyurus chrysurus**, (Bl.) = *Acará pitamba*, Maregrav., Hist. Bras., pg. 155 — 1648; *Rabirrubia*, Parra, Dif. Piez., est. 20, fig. 1 — 1787; *Sparus chrysurus*, Bl., Ichthyol., vol. VIII, pg. 25, est. 262 — 1797; *Gramistes chrysurus* e *Anthias rabirrubia*, Bl. & Schn., Syst. Ichthyol., pgs. 187 e 309 — 1801; *Sparus chrysurus* e *S. semiluna*, Lacép., Hist. Nat. Poiss., vol. IV, pgs. 115 e 141 — 1803; *Mesoprion aurovittatus*, Agass., Spix, Pisc. Bras., est. 66 — 1829; *Ocyurus chrysurus*, Gill, Proc. Acad. Nat. Sc. Philad., pg. 236 — 1862; *Mesoprion chrysurus*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 459 — 1828; Guichenot, in Sagra, H. Cuba, pg. 24 — 1855; Günther, Cat., vol. I, pg. 186 — 1859; *Ocyurus chrysurus* e *O. aurovittatus*,

Poey, Syn., pg. 295 — 1868; *Ocyurus riggersmoe*, Cope, Trans. Am. Philos. Soc., pg. 468, fig. 4 — 1871; *Ocyurus aurovittatus* e *O. chrysurus*, Poey, Enum., pgs. 31 e 40 — 1875; *Lutjanus chrysurus*, Vaillant & Boc., Miss. Sc. au Mexique, pg. 133, est. 5 — 1875; *Ocyurus chrysurus*, Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; Jord. & Gilb., Syn., pg. 921 — 1883; Jord., Proc. U. S. Nat. Mus., pg. 125 — 1884; Tarleton & Bean, Proc. U. S. Nat. Mus., pg. 151 — 1884; Gill, op. cit., pg. 354; Jordan & Swain, op. cit., pg. 461 — 1884; Jord., op. cit., pg. 319 — 1890; Jord. & Fesler, Report. U. S. Nat. Mus., pg. 452 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., vol. II, 1.275 — 1898 e vol. IV, est. CXCIX, fig. 520 — 1900.

**Neomænis analis** (Cuv. & Val.) = *Anthias quartus etc.*, Catesby, N. H. Carol. — 1743; *Mesoprion analis* e *Mesoprion sobra*, Cuv. & Val., vol. II, pgs. 341 e 342 — 1828; *Mesoprion isodon*, os mesmos, vol. IX, pg. 328 — 1833; *Mesoprion sobra*, Guichenot, Sagra, H. Cuba, Poiss., pg. 22 — 1859; *Mesoprion vivanus*, *M. isodon* e *M. sobra*, Günther, Cat., vol. I, pgs. 203, 206 e 209; *Mesoprion analis*, Poey, Mem., II, pg. 146, est. 13, fig. 9 — 1860; o mesmo, Report., I, pg. 266 — 1867 e Synopsis, pg. 294 — 1868; *Mesoprion rosaceus*, o mesmo, Ann. Lyc. Nat. H. N. York, vol. IX, pg. 317 — 1870; *Lutjanus analis* e *L. rosaceus*, o mesmo, Enum., pgs. 29 e 30 — 1875; *Lutjanus analis*, Vaillant & Bocourt, Miss. Scient. au Mexique, pg. 119, est. V bis, fig. 1 — 1881; *Lutjanus analis*, Jord., Proc. U. S. Nat. Mus., pg. 125 — 1884; *Lutjanus analis*, Jord. & Swain, loc. cit., pgs. 433 e 445 — 1884; Jord., loc. cit., pg. 648 — 1889; o mesmo, loc. cit. — 1890; Jord. & Fesler, Rep. U. S. Fish. Comm., pgs. 445 e 446 — 1893; *Neomænis analis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.250 e 1.265 (II parte) — 1898 e est. CXCVIII, fig. 517 — 1900.

**Neomænis aya** (Bl.) = *Acará-aya*, Marcgrave, Hist. Bras., pgs. 167 e 168 — 1648; *Bodianus aya*, Bl. Ichthyol., vol. VII, pgs. 35 e 227 — 1797; *Bodianus ruber*, Bl. & Schn., Syst., pg. 330 — 1801; *Mesoprion campechianus*, Poey, Mem., II, pg. 149 — 1860; *Lutjanus campechianus*, Poey, Syn., pg. 294 — 1866 e Ann. Lyc. N. H. N. York, pg. 317 — 1870 e Enum., pg. 29 — 1875; *Lutjanus aya*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 55 — 1876; *Lutjanus blackfordi*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 176 — 1878; Goode, Pr. U. S. Nat. Mus., pg. 114 — 1879; Gde. & Bean, loc. cit., pgs. 137 e 156; Bean, op. cit., pg. 96 — 1880; Gde. & Bn., op. cit., pg. 238 — 1882; Good. & Gilb., pg. 275 — 1882; *Lutjanus campechianus*, Poey, Bull. U. S. F. Comm.,

pg. 118 — 1882; *Lutjanus blackfordi* e *L. campechianus*, Jord. & Gilb., Syn., pgs. 549 e 921 — 1883; *Lutjanus campechianus*, Jord., Pr. U. S. Nat. Mus., pg. 125 — 1884; *Lutjanus vivanus*, Jord. & Swain, Pr. U. S. Nat. Mus., pgs. 433 e 453 — 1884; *Lutjanus aya*, Jord. & Fesler, pgs. 436 e 447, est. 30 — 1893; *Noemænis aya*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., vol. II, pgs. 1.250 e 1.264 — 1898, est. CXCVII, fig. 516 — 1900.

**Neomænis griseus** (L) = *Turdus pinnis etc.*, Catesby, H. Nat. Carol., est. 9 — 1743; *Labrus griseus*, L., Syst. Nat., pg. 283 — 1758; *Caballerote*, Parra, Descr. Diff. Piez., est. 25, fig. 1 — 1787; Gmlin, Syst. Nat., pg. 1.283 — 1788; *Sparus tetracanthus*, Bl., Ichthyol., vol. VIII, pg. 93, est. 279 — 1797; *Labrus griseus*, *Anthias caballerote* e *Cichla tetracantha*, Bl. & Schm., Syst., pgs. 268, 310 e 338 — 1801; *Bodianus vivanet*, Lacép., Hist. Nat. Poiss., vol. IV, est. 4, fig. 3 — 1803; *Mesoprion griseus* e *M. cynopterus*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pgs. 355 e 357 — 1828; *Mesoprion cyanopterus* e *M. pargus*, os mesmos, loc. cit., pgs. 472 e 473; *Lobotes emarginatus*, Baird & Girard, Smithsonian, Report (9<sup>o</sup>) pg. 332 — 1855; *Mesoprion griseus*, Guichenot in Sagra, H. Cuba, pg. 26 — 1859; Günther, Cat., vol. I, pg. 194 — 1859; *Neomænis emarginatus*, Girard, U. S. Boundd Surv., est. 18, IX, figs. 5 e 8 — 1859; *Neomænis emarginatus*, Gill, Proc. Acad. Nat. Sc. Philad., pg. 94 — 1861; *Lutjanus novemfasciatus*, Gill, Proc. Acad. Nat. Sc. Philad., pg. 251 — 1862; *Mesoprion cynodon* e *M. caballerote*, Poey, Proc. Ac. Nat. Sc. Philad., pg. 185 — 1863; *Mesoprion pacificus*, Boc., Ann. Sc. Nat. Paris, pg. 223 — 1868; *Mesoprion caballerote*, Poey, Report., vol. II, pg. 157 — 1868; *Mesoprion cynodon*, Poey, Rep., vol. II, pg. 268 — 1868; *Lutjanus caballerote*, o mesmo, Synopsis, pg. 293 — 1868; *Lutjanus cynodon*, o mesmo, Syn., pg. 294 — 1868; *Genyaroge canina*, Steind., Ichthyol. Not., IX, pg. 18 — 1869; *Lutjanus cubera*, o mesmo, Ann. Lyc. Nat. Hist. N. York, pg. 75 — 1871; *Lutjanus griseus*, Cope, Bull. Trans. Amer. Philos. Soc., pg. 470 — 1871; *Lutjanus caxis*, Gill, Rep. U. S. Fish Comm., pg. 806 — 1872-1873; *L. caballerote* e *L. cubera*, Poey, Enum., pgs. 26 e 27 — 1875; *Lutjanus stearnei*, Good. & Bn., Pr. U. S. Nat. Mus., pg. 179 — 1878; *Lutjanus caxis*, Goode, Bull. U. S. N. Mus., vol. V, pg. 54 — 1876 e Proc. U. S. N. Mus., pg. 137 — 1879; *L. caxis*, Jord., Proc. U. S. Nat. Mus., pg. 19 — 1880; *Lutjanus dentatus*, Vaillant & Boc., Miss. Scient. au Mexique, pg. 125 — 1881; *Lujanus pacificus*, Vaillant & Boc., Miss. Sc. au Mexique, pg. 123, est. III, fig. 2 — 1881; *L. caballerote*, Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; *L. caxis*, Jord. & Gilb., Proc.

U. S. Nat. Mus., pg. 118 — 1882; *Lutjanus novemfasciatus* e *L. prieto*, Jord. & Gilb., op. cit., pgs. 232, 338, 353 e 355 — 1881 e 360, 361 e 365 — 1882; e Bull. U. S. Nat. Mus., pgs. 107, 110 e 112 — 1882; *Lutjanus stearnsi* e *L. caxis*, os mesmos, Pr. U. S. N. Mus., pg. 275 e Synopsis, pgs. 549 e 578 — 1883; Jord. & Gilbert, Synopsis, pg. 921 — 1883; *Lutjanus griseus*, Jord., Proc. U. S. Nat. Mus., pg. 193 — 1884; *Lutjanus caballerote*, o mesmo, Bull. U. S. Fish Comm., pg. 35 — 1884; o mesmo, Proc. U. S. N. Mus., pg. 126 — 1884; *Lutjanus stearnsi*, Gde. & Bn., Pr. U. S. Nat. Mus., pg. 42 — 1884; *Lutjanus griseus*, *L. cuberu* e *L. novemfasciatus*, Jord. & Swain, Proc. U. S. Nat. Mus., pgs. 431, 439, 442 e 443 — 1884; *Lutjanus cyanopterus*, Jord., Pr. U. S. Nat. Mus., pg. 534 — 1886; *Lutjanus griseus*, Jord., *L. novemfasciatus*, Everman & Jenkins, Proc. U. S. Nat. Mus., pg. 146 — 1891; *Lutjanus caninus*, *L. novemfasciatus*, *L. cyanopterus* e *L. griseus*, Jord. & Fesler, Rep. U. S. Fish Com., pgs. 433, 434, 439, 440 e 441, est. 28 — 1893; *Neomænis novemfasciatus*, *N. cyanopterus* e *N. griseus*, Jord. & Everm., Bull. 47 (II parte) U. S. Nat. Mus., pgs. 1.248, 1.252, 1.254 e 1.255 — 1898.

**Neomænis apodus** (Walb.) = ? *Perca marina*, etc. Catesby, Hist. Carol., tab. 41 — 1743; *Caxis* Parra, Diff. Piez., est. 8, fig. 2 — 1787; ? *Perca apoda*, Walbaum, Art. Pisc. — 1802; *Sparus caxis* e *Bodianus striatus*, Bl. & Schn., Syst., pgs. 284 e 335, est. 65 — 1801; *Lutjanus acuti-rostris*, Desm. Prém. Dec. Ichthyol., pg. 12, est. 3 — 1823; *Mesoprion cynodon*, *M. linea* e *M. flavescens*, Cuv. & Val., Hist. Poiss vol. II, pgs. 465, 468 e 472 — 1828; ? *Perca apoda* Forster, Cat. Anim. (pg. 21) — 1844; *Mesoprion albostriatum*, Peters, Berl. Monatsber, pg. 111 — 1865; *Mesoprion cynodon*, Boc., Ann. d'Hist. Nat. de Paris, pg. 224 — 1868; *Mesoprion caxis*, Poey, Rep., vol. II, pg. 269 — 1868; *Lutjanus caxis*, o mesmo, Synopsis, pg. 293 — 1868; o mesmo, Enum., pg. 25 — 1875; *Lutjanus caxis*, Jord., Pr. U. S. Nat. Mus., pg. 125 — 1884; Jord. & Swain, Pr. U. S. Nat. Mus., pg. 435 — 1884; *Mesoprion cynodon*, Jord., Pr. U. S. Nat. Mus., pg. 534 — 1886 e *M. caxis* Jord., loc. cit., pg. 648 — 1889; Jord., loc. cit., pg. 319 — 1890; Jord. & Fesler, Rep. U. S. Fish. Comm., pgs. 435 e 443, est. 29 — 1893; *Neomænis apodus*, Jord. & Everm., Bull. 47 (II parte) U. S. Nat. Mus., pgs. 1.249 e 1.258 — 1893 e IV parte, est. CXC VII, fig. 515 — 1900.

**Neomænis jocú** (Bl. & Schn.) = *Jocú*, Parra, Descr. Diff. Piez. Hist. Nat., vol. I, est. 25, fig. 2 — 1787; *Anthias jocú*, Bl. & Schn., Syst., pg. 310

—1801; *Mesoprion jocú*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 466 — 1828; *Mesoprion litura*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 467 — 1828; *Mesoprion cynodon*, Günth., Cat., vol. I, pag. 194 — 1859; *Mesoprion jocú*, Poey, Rep., pg. 268 — 1867; *Lutjanus jocú*, Poey, Synopsis, pg. 292 — 1868; *Lutjanus jocú*, Poey, Enum., pg. 26 — 1873; Vaillant & Boc., Miss. Sci. au Mexique, vol. IV, est. 5, fig. 19 — 1881; Jord., Proc. U. S. Nat. Mus., pg. 125 — 1884; *Misoprion litura*, Jord., loc. cit., pg. 524 — 1886; Jord., & Swain, Proc. U. S. Nat. Mus., pgs. 431 e 437 — 1884; Jord., Proc. U. S. Nat. Mus., pg. 648 — 1889; o mesmo, loc. cit., pg. 319 — 1890; Jord. & Fesler, Rpt. U. S. Fish. Comm., pgs. 434 e 443 — 1893.

**Neomænis synagris** (L.) = *Salpa purpurascens*, etc., Catesby, H. N. Carol., est. 17 — 1743; *Sparus synagris*, Linnæus, Syst. Nat., pg. 280 — 1758; Gmlin., Syst. Nature, pg. 1.257 — 1788; *Sparus synagris* e *Sparus vermicularis*, Bl. & Schn., Syst. Ichthyol., pgs. 274 e 275 — 1801; *Lutjanus aubrieti*, Desmar. Prém. Dec. Ichthyol., pg. 17, est. 2 — 1823; *Mesoprion uninotatus*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 449 — 1828; Agassiz in Spix, Pis. Bras., pg. 120, est. 65 — 1829; Casteln., Anim. Nouv., est. 65, pg. 4, Guichenot, in Sagra, H. Cuba, pg. 21 — 1859; Günther, Cat., vol. I, pg. 202 — 1859; *Lutjanus uninotatus*, Poey, Synopsis, pg. 294 — 1868; *Lutjanus uninotatus*, Cope, Trans. Am. Philos. Soc., pg. 470 — 1871; *Lutjanus synagris*, Poey., Enum., pg. 27 — 1875; *Lutjanus aubrieti*, Vaillant & Boc., M. Sc. au Mexique, pag. 126 — 1881; *L. synagris*, Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; Jord. & Gilbert, Synopsis, pg. 922 — 1883; Jord., Bull. U. S. Fish. Com., pg. 77 — 1884; Jordan & Swain, Pr. U. S. Nat. Mus., pgs. 432 e 448 — 1884; Jordan, Proc. U. S. Nat. Mus., pgs. 125, 1884 e 648 — 1889; Jordan, op. cit., pg. 319 — 1890; Jordan & Fesler, Rep. U. S. Fish. Comm., pgs. 437 e 450, est. 32 — 1893; Jord. & Everm., Bull. 47, 2ª parte, pgs. 1.251 e 1.270 — 1898 e est. CXCVIII — 1900.

**Pagrus pagrus** (L.) = *Sparus pagrus*, L., Syst. Nat., pg. 279 — 1758; *Sparus argenteus*, Bl. & Schn., pg. 271 — 1801; *Pagrus argenteus*, Cuv., Règne Anim., vol. I, pg. 272 — 1817; *Pagrus vulgaris*, Cuv. & Val., vol. VI, pg. 142, est. 148 — 1830; *Pagrus vulgaris*, Günth., Cat., vol. I, pg. 466 — 1859; *Pagrus argenteus*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 133 — 1879; *Sparus pagrus*, Jord., Pr. U. S. Nat. Mus., pg. 278 — 1882; *Sparus pagrus*, Jord. & Gilb., Syn. Fish N. Am., pg. 556 — 1883; Jord., Report. U. S. Fish. Com., pg. 878 — 1887;

*Pagrus vulgaris*, Perugia, Ann. Mus. Civ. de Genova (2) X (XXX) pgs. 612-9 — (1891); *Sparus pagrus*, Jord. & Fesl., pgs. 515 e 516 — Rep. U. S. Fish. Comm., est. 53 — 1893; C. Berg., Enum. Pec. Marinos, An. Mus. Nat. B. Aires, pg. 49, tom. IV (II serie, tom. I) — 1895; *Pagrus pagrus* (L.) Jord. & Eigenmann, Bull. 47 U. S. Nat. Mus., parte II, pg. 1.356 — 1898, est. CCXV, fig. 551 — 1900.

**Calamus bajonado** (Bl. & Schn.) = *Bajonado*, Parra, Piez., pg. 13, est. 8 — 1787; *Sparus bajonado*, Bl. & Schn., Syst., pg. 284 — 1801; *Pagellus caninus*, Poey, Mem., vol. II, pg. 199 — 1860; *Calamus plumatula*, Guichenot, Revis. des Pagels, Mém. Soc. Imp. Cherb., pg. 119 — 1868; *Pagellus bajonado*, Poey, Pr. Ac. Nat. Sc. Philad., pg. 177 — 1863; o mesmo, Synopsis, pg. 308 — 1868; *Calamus bajonado*, o mesmo, Ann. Lye. Nat. Hist. N. York, vol. X, pg. 176, est. VI, fig. 1 — 1872; o mesmo, Enum., pg. 55 — 1875; o mesmo, An. Soc. H. Nat. Hesp., vol. X, pg. 328 — 1881; Jordan & Gilbert, Pr. U. S. Nat. Mus., pg. 20 — 1884; *Calamus plumatula*, Jord., Pr. U. S. Nat. Mus., pg. 537 — 1886; *Calamus bajonado*, Jord. & Fesler, pgs. 509 e 512, est. 50 — 1893; Jord. & Eigenm., pgs. 1.348 e 1.352, Bull. 47 U. S. Nat. Mus., II parte — 1898 e est. CCXIII, fig. 548, IV parte — 1900.

**Calamus penna** (Cuv. & Val.) = *Pagellus penna*, Cuv. & Val., Hist. Nat. Poiss., vol. VI, pg. 154 — 1830; *Pagellus microps*, Guichenot, in Sagra II. Nat. Cuba, pg. 188, est. 3, fig. 1 — 1845; *Pagellus humilis*, Poey, Ann. Synopsis, pg. 308 — 1868; *Grammateus humilis*, Poey, Ann. Lye. Nat. Hist. N. York, pg. 182 — 1872 e Enum., pg. 56 — 1875; *Pagellus milneri*, Good & Bean, Pr. U. S. Nat. Mus., pg. 134 — 1879; *Calamus penna* e *C. microps*, Guichenot, Revision des Pagels. Mem. Soc. Imp. de Cherbourg, pgs. 114 e 118, vol. XIV; *Sparus milneri*, Jord. & Gilb. Synopsis, pg. 556 — 1883; *Calamus penna*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pg. 21 — 1884; *Calamus microps*, Jordan, Pr. U. S. Nat. Mus., pg. 537 — 1886; *Calamus penna*, Jordan e Fesler, Rpt. U. S. Fish. Comm., pgs. 510 e 514, est. 51 — 1893; Jord. & Eigem., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.349 e 1.354 — 1898 e IV parte, est. CCXIV, fig. 549 — 1900.

**Calamus arctifrons** (Goode & Bean.) = *Calamus arctifrons*, Good. & Bean, Pr. U. S. Nat. Mus., pg. 425 — 1882; Jordan & Gilbert., Synopsis, pg. 928 — 1883; Jordan & Gilbert., Pr. U. S. Nat. Mus., pg. 23 — 1884; Jordan & Swain, Pr. U. S. Nat. Mus., pg. 232 — 1884; Jord. & Fesler, Report. U. S. Fish. Comm., pgs. 510 e 514, est. 52 — 1893, Jord. & Ei-

genm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.349 e 1.355 — 1898 e IV parte, est. CCXIV, fig. 550 — 1900.

**Archosargus unimaculatus** (Bl.) = ? *Salema*, Marcgrav., Hist. Nat. Bras. Pisces, fig. 153 — 1648; *Bream*, Browne, Jamaica, fig. 446, n. 1 — 1756; *Perca unimaculata*, Bl., Ichthyol., est. 308 — 1792; *Grammistes unimaculatus*, Bl. & Schn., Syst., pg. 184 — 1801; *Sparus salin*, Lacépède, Hist. Nat. Poiss., pg. 136, vol. IV — 1803; *Sargus humerimaculatus*, Quoy & Gaimard, Voy. Freycinet, Zool., pg. 297 — 1825; *Sargus unimaculatus*, Cuv. & Val., vol. VI, pg. 46 — 1830; *Sargus flavolineatus*, Cuv. & Val., Hist. Nat. Poiss., vol. VI, pg. 44 — 1830; Storer, Syn. Fishes. N. Am., pg. 334 — 1845; *Sargus flavolineatus* e *S. unimaculatus*, Günther, Cat., vol. I, pg. 446 — 1859; *Sargus caribeus*, Poey, Mem. Pisc. Cub., vol. II, pg. 197 — 1860; *Sargus unimaculatus*, Fish. Centr. Am., pg. 386 — 1866; *Sargus flavolineatus*, Poey, Syn. Fish., pg. 310 — 1868; Poey, Enum., pg. 57 — 1875; *Sargus caribeus*, Poey, Fauna P. Riqueña, pg. 328 — 1881; *Diplodus caribeus*, Jord. & Gilb., Syn., pg. 930 — 1883; *Diplodus unimaculatus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 128 — 1884; Bean, estes Proceedings, pg. 158; Jord. Cat. Fish. N. Am., pg. 91 — 1885; Jord., Pr. U. S. Nat. Mus., pg. 43 — 1886; *Diplodus flavolineatus*, *Diplodus unimaculatus*, Jord., Pr. U. S. Nat. Mus., pg. 42 — 1886; *Sargus flavolineatus*, Eigenmann & Hughes, Pr. U. S. Nat. Mus., pg. 69 — 1887; *Archosargus unimaculatus*, Jord. & Fesler, Report. U. S. Fish. Comm., pgs. 519 e 520, est. 55 — 1893; Jordan & Eigenmann, Bull. 47 U. S. Nat. Mus., parte II, pg. 1.359 — 1898 e parte IV, est. CCXVI, fig. 553 — 1900.

**Archosargus probatocephalus** (Walb.) = *Sparus*, Schopf, Schrift Gesellschaft. Naturf. Freunde, vol. VIII, pg. 152 — 1788; *Sparus probatocephalus*, Walbaum, Artedi Pisc., pg. 295 — 1792; *Sparus ovicephalus*, Bl. & Schn., Syst., pg. 280 — 1801; *Sargus ovis*, Mitch, Trans. Lit. and Phil. Soc. N. Y. I., pg. 392, est. 2, fig. 5 — 1814; *Sargus ovis* e *Sargus aries*, Cuvier & Val., vol. VI, pg. 42 — 1830; *Sargus ovis*, De Kay, Nat. H. New-York, Fishes, pg. 89, est. 8, fig. 23 — 1842; Storer, Synopsis, pg. 332 — 1846; Günther, Cat., vol. I, pgs. 447 e 449 — 1859; *Sargus ovis*, Holbr. I. S. Carol., pg. 54, est. 8, fig. 2 — 1860; *Sargus ovicephalus*, Gill., Pr. Academy Nat. Sci. Philad., pg. 20 — 1860; Gill., Cat. Fish. East Coast N. Am., pg. 31 — 1861; *Sargus aries*, Günth., Fish. Centr. Am., pg. 386 — 1864; *Sargus ovis*, Storer, Fish. Mass., pg. 126, est. X, fig. 1 — 1867; *Archosargus probatocephalus*, Gill., Cat. Fish. East Coast N. Am., pg. 27 — 1873; *Archosargus*



*probatocephalus*, Uhler & Lugger, Fishes of Maryland, pg. 103—1874; Jord. & Gilb., Pr. U. S. N. Mus., pg. 379—1878; Goode e Bean, Pr. U. S. Mus., pg. 133—1879; Jordan, Pr. U. S. Nat. Mus., pg. 22—1880; Bn., Pr. U. S. Nat. Mus., pg. 95—1880; *Diplodus probatocephalus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 605—1882; Jord. & Gilb., Syn., pg. 558—1883; *Diplodus probatocephalus*, Jord., Pr. U. S. Nat. Mus., pg. 128—1884; Jord. & Swain, Pr. U. S. Nat. Mus., pg. 332—1884; Jord. & Meek, Pr. U. S. Nat. Mus., pg. 237—1884; Jord., Cat. F. N. Am., pg. 91—1885; Gill., Standart Nat. II, vol. III, pg. 220, fig. 125—1885; *Archosargus probatocephalus*, Goode e Bean, U. S. Nat. Mus., pg. 208—1885; *Diplodus probatocephalus*, Goode H. Aquat. Anim., pg. 381, ests. 130 e 131—1886; *Sargus probatocephalus* e *S. aries*, Jord., Proc. U. S. Nat. Mus., pgs. 27 e 538—1886; Eigenmann & Huges, Pr. U. S. Nat. Mus., pg. 68—1887; *Archosargus probatocephalus* e *A. aries*, Jord. & Fesl., pgs. 520 e 522, ests. 56 e 57—1893; Jord. & Eigenm., Bull. 47, U. S. Nat. Mus., II parte, pgs. 1.359 e 1.361—1898; IV parte, est. CCXVI, fig. 554—1900.

**Diplodus argenteus** (Cuv. & Val.) = *Sargus argenteus*, Cuv. & Val., Hist. Nat. Poiss., vol. VI, fig. 44—1830; Günther, Cat., vol. I, pg. 444—1859; *Sargus caudimacula*, Poey, Mem., vol. II, pag. 198—1860; o mesmo, Syn., pg. 310—1868; *Sargus argenteus*, Günther, Challenger, Shore Fishes, pg. 5—1880; Jord., Pr. U. S. Nat. Mus., vol. IX, pg. 538—1886; *Diplodus argenteus*, Eigenm. & Hugues, Pr. U. S. Nat. Mus., pg. 73—1887; Jord. & Fesler, Rev. Sparoid Fishes, pg. 524—1893; Berg, An. Mus. B. Ayres, pg. 50—1895; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.363—1898.

**Kyphosus incisor** (Cuv. & Val.) = *Pimelepterus incisor*, Cuv. & Val., Hist. Nat. des Poiss., vol. VIII, pg. 198—1831; *Pimelepterus flavolineatus*, Poey, Rep., pg. 319—1866; *Kyphosus incisor*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.386—1898; Mir. Rib., Cat. da Inspectoria de Mattas e Pesca da Prefeitura, pg. 39, n. 124, est. n. 119—1908.

**Haemulon sciurus** (Shaw.) = *Anthias formosus*, Bl., Ichthyol., est. CCCXIII—1790; *Sparus sciurus*, Shaw, Gen. Zool., vol. IV, est. 64—1803; *Haemulon elegans*, Cuv., Règne Anim., vol. II (2ª ed.), pg. 175, —1829; Cuv. & Val., vol. V, pag. 227—1830; *Haemulon similis*, Casteln. Anim. Nouv. etc., vol. II, pg. 11—1885; Günther, Cat., vol. I,

pg. 306 — 1859; *Hæmulon luteum* e *H. multilineatum*, Poey, Mem., vol. II, pgs. 174 e 188 — 1860; *Hæmulon elegans*, Putnam, Bull. Mus. Comp. Zool, pg. 12 — 1863; Poey, Rep., vol. I, pg. 309 — 1867; *Hæmulon luteum* e *H. multilineatum*, Poey, Synopsis, pgs. 317 e 318 — 1868; Cope, Trans. Am. Philos. Soc., pg. 471 — 1871; *Hæmulon hians*, Haly, Ann. Nat. Hist., vol. XV, pg. 268 — 1875; *Hæmulon luteum* e *H. multilineatum*, Poey, Enum., pg. 44 — 1875; *Hæmulon elegans*, Vaillant & Boc., Exped. Scient. au Mexique, IV parte, est. 7 — 1877; *Hæmulon luteum*, Poey, Anal. H. Nat. Madrid, pg. 201 — 1881; *Diabasis elegans*, Jord. & Gilbert, Syn., pg. 923 — 1883; *Hæmulon sciurus*, Jord., Pr. U. S. Nat. Mus., pg. 426 — 1884; *Hæmulon sciurus*, Jord. & Swain, Proc. U. S. Nat. Mus., pgs. 286 e 321 — 1885; Jord. & Fesler., Report, U. S. Fish. Comm., pgs. 466 e 474, est. 38 — 1893; Jord. & Everm., pgs. 1.293 e 1.303, Bull. 47 U. S. Nat. Mus., II pt., est. 205, pg. 531 — 1898 e pt. IV — 1900.

**Hæmulon plumieri** (Lacép.) — *Guabicoara*, Margrave, Hist. Nat. Bras., pg. 163 — 1648; *Perca Marina*, etc., Catesby, Hist. Nat. Carol., est. 6 — 1743; *Labrus plumieri*, Lacép., Hist. Nat. Poiss., vol. III, pg. 480, est. 2, fig. 2 — 1802; *Hæmulon formosum*, Cuv., Règne Anim., pg. 175, — 1829; *Hæmulon arcuatum*, Cuv. & Val., Hist. Nat. Poiss., vol. IX, pg. 481 — 1833; *Hæmulon formosum*, Günther, Cat., vol. I, pg. 305 — 1859; *Hæmulon arara* e *H. subarcuatum*, Poey, Mem., vol. II, pgs. 177 e 419 — 1860; *Diabasis plumieri*, Jord. e Gilb., Pr. U. S. Nat. Mus., pg. 603 — 1882, Synopsis, pg. 971 — 1883 e Pr. U. S. Nat. Mus., pg. 126 — 1884; Jord. & Swain, Pr. U. S. Nat. Mus., pgs. 286 e 303 — 1884; Jord. & Fesler, Rep. U. S. Fish. Comm., pgs. 466 e 475 — 1893; Jord. & Eigenm., Bull. 47 U. S. Nat., Mus., II parte, pgs. 1.293 e 1.304 — 1898 e IV pte., est. CCV — 1900.

**Hæmulon flavolineatum** (Desm.) — *Diabasis flavolineatus*, Desm., Première Décade Ichthyol., pg. 35, est. 2, fig. 1 — 1823; Desm., Dict. Class., vol. V, pg. 235, est. 98, fig. 1 — 1825; *Hæmulon heterodon*, e *Hæmulon xanthopterum*, Cuv. & Val., Règne Anim., pgs. 174 e 176 — 1829; *H. heterodon*, Cuv. & Valenci., Hist. Nat. des Poiss., vol. V, pg. 175, est. 121 — 1830; *Hæmulon xanthopterum*, Günther, Cat., vol. I, pg. 312 — 1859; *Anaromiosus flavolineatus*, Putnam, Bull. M. C. Zool. Cambridge, pg. 12 — 1863; *Hæmulon flavolineatum* e *H. heterodon*, Poey, Synopsis, Rep., vol. I, pg. 318 — 1867; *Hæmulon flavolineatum*, Poey., pg. 318 — 1868 e Enum., pg. 45 — 1875; *Hæmulon xanthopterum*, Cope, Pr. Am. Phil. Soc., pg. 471 — 1871; *Hæmulon xanthopterum*, Bean., Pr. U. S.

Nat. Mus., pg. 96 — *Hæmulon flavolineatum*, Jord., Pr. U. S. Nat. Mus., pg. 126 — 1884; Jord. & Swain, Proc. U. S. Nat. Mus., pgs. 286 e 305 — 1884; Jord. & Fesler, Rep., U. S. Fish Comm., pgs. 466 e 476 — 1893; Jord. & Everm., pgs. 1.293 e 1.396 — 1898.

**Hæmulon parra** (Desm.) = *Diabasis parra*, Desm., Prém. Dec. Ichthyol., pg. 30, est. 2, fig. 2 — 1823; *Hæmulon cana*, Agassiz, Spix, Pisc. Bras., pg. 130, est. 69 — 1829; *Hæmulon caudimacula*, Cuv. & Règne Anim., pg. 176 — 1829; Cuv. & Valenciennes, Hist. Nat. Poiss., vol. V, pg. 176, e *H. chromis*, os mesmos, loc. cit., pg. 180 — 1830; *Hæmulon parra*, Casteln., Anim. Nouv., etc., pg. 10 — 1855; Günther, Cat., vol. I, pgs. 310 e 313 — 1859; *Hæmulon acutum*, *H. serratum* e *H. albidum*, Poey, Mem., vol. II, pgs. 180, 181 e 354 — 1860; *Anarmosthus serratus*, Putnam, Bull. Mus. Comp. Zool., pg. 12 — 1863; Rep., vol. I, pg. 310 — 1867; *Hæmulon acutum*, Poey; Synopsis, pgs. 315, 316 e 317 — 1868; Poey, Enum., pg. 45 e 46 — 1875; *H. serratum*, e *H. albidum*, Poey, Synopsis, pg. 316 e *Hæmuloncaudimacula*, Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 322 — 1881; *Hæmulon serratum*, Poey, Anal. Hist. Nat. Madrid, pg. 201 — 1881; *Diabasis chromis*, Jord. & Gilb., Syn., pg. 924 — 1883; *Hæmulon acutum*, Bn. & Dresel, Pr. U. S. Nat. Mus., pg. 158 — 1884; Jord. & Swain, os mesmos proceedings, pgs. 285 e 294; *Hæmulon parra*, Jord., Bull. U. S. Fish., Comm., pg. 78 — 1884 e Proc. U. S. Nat. Mus., pg. 126 — 1884; *Hæmulon parra*, Jord. & Fesler, Rep. U. S. Fish. Comm., pgs. 465 e 470, est. 37 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., vol. II, pgs. 1.293 e 1.297 — 1898 e IV parte, est. CCIV, fig. 530 — 1900.

**Hæmulon carbonarium** (Poey) = *Hæmulon carbonarium*, Poey, Mem., vol. II, pg. 176 — 1860; Poey, Synopsis, pg. 318 — 1868; Poey, Enum., pg. 44 — 1875; Jord. & Swain, Proc. U. S. Nat. Mus., pgs. 285 e 298 — 1885; Jord., Pr. U. S. Nat. Mus., pg. 319 — 1890; Jord. & Fesler, Report U. S. Fishes Comm., pgs. 465 e 472 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.293 e 1.300 — 1898.

**Hæmulon steindachneri** (Jord. & Gilb.) = *Hæmulon caudimacula*, Steind., Ichthyol. Beitr., vol. III, pg. 15 — 1875; *Diabasis steindachneri*, Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 322 — 1881, e pgs. 107 e 110 — 1882; Proc. U. S. Nat. Mus., pgs. 361 e 372 — 1882; *Hæmulon steindachneri*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 285 a 299 — 1884 (1885); *Hæmulon schranki*, Everm. & Jenkins, Proc. U. S. Nat. Mus., pg. 153 — 1891; Jord. & Fesler, Report U. S. Fish. Comm.,

pgs. 466 e 473 — 1893; *Hæmulon steindachneri*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.293 e 1.301 — 1898.

**Hæmulon album** Cuv. & Val. = *Perca marina gibbosa*, Catesby, Nat. Hist. Carol., pg. 2, est. 2 — 1742; *Perca gibbosa*, Walbaum, Artedi Pisc., pg. 348 — 1792; *Calliodon gibbosus*, Bloch & Schn., Syst., pg. 312 — 1801; *Hæmulon album*, Cuv. & Val., Hist. Nat. Poiss., vol. V, pg. 179 — 1830; *Hæmulon microphthalmum*, Günth., Cat., vol. I, pg. 306 — 1859; *Diabasis album*, Putnam, Bull. Mus., Comp. Zool., pg. 12 — 1863; Poey, Rep., vol. I, pg. 310 — 1867; Synopsis, pg. 312 — 1868; Enum., pg. 45 — 1875; *Hæmulon chrysopterum*, Goode, Bull. U. S. Nat. Mus., vol. V pg. 53 — 1876; Poey, Bull. U. S. Fish. Comm., pg. 118 — 1882; *Diabasis album*, Jord. & Gilb., Syn., pg. 924 — 1883; *Hæmulon gibbosum*, Jord., Proc. U. S. Nat. Mus., pg. 126 — 1885; Bn. & Dresel, Pr. U. S. Nat. Mus., pg. 158 — 1885; Jord. & Swain, Pr. U. S. Nat. Mus., pgs. 284 e 290 — 1885; *Hæmulon album*, Jord. & Fesl., Rep. U. S. Fish. Comm., pgs. 465 a 469, est. 35 — 1893; Jord. & Eigenm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.292 e 1.295 — 1898 e IV parte, est. CCIII, pg. 528 — 1900.

**Hæmulon bonariense** Cuv. & Val. — *Hæmulon canna*, Cuv. & Val., Hist. Nat. Poiss., vol. V, pg. 173 e *Hæmulon bonariense*, Cuv. & Val., H. Nat. Poiss., vol. V, pg. 174 — 1830; *Hæmulon canna*, Günth., Cat., vol. I, pg. 311 — 1859; Poey, Repert., vol. I, pg. 309 — 1867; *Hæmulon notatum*, Poey, Mem., vol. II, pg. 179 — 1868; Synopsis, pg. 317 — 1868; *Hæmulon retrocurrens*, Poey, Rep., vol. II, pgs. 236 e 461 — 1868; Enum., pg. 46 — 1875; *Hæmulon continuum*, Poey, Enum., pg. 46 — 1875; o mesmo, Ann. Soc. Hist. Nat. de Madrid, pg. 210 — 1881; *Hæmulon parræ*, Jord. & Swain, Pr. U. S. Nat. Mus., pgs. 285 e 292 — 1885; *Hæmulon bonariense*, Jord. & Fesl., Report. U. S. Fish. Comm., pgs. 465 e 470 — 1893; Jord., & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.292 e 1.297 — 1898.

**Bathystoma rimator** (Jord. & Swain) = *Hæmulon chrysopteron*, Cuv. & Val., His. Nat. Poiss., vol. V, pg. 240 — 1830 (Erroneamente confundido com *Perca chrysoptera* L.); *Hæmulon chrysopterum*, Gthr., Cat., vol. I, pg. 313 — 1859; *Hæmulon quadrilineatum*, Holbr., Ichthyol. S. Carol., pg. 195 — 1860; *Hæmulon? caudimacula*, Poey, Synopsis, pg. 47 — 1875; *Hæmulon parræ*, Poey, Enum., pg. 47 — 1875; *Diabasis aurolineatus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 276 e 307 — 1882; *D. chrysopterus* e *Diabasis aurolineatus*, Jord. & Gilb.,

Synopsis, pgs. 553 e 973 — 1883; *Hemulon rimator*, Bean & Dresel., Pr. U. S. Nat. Mus., pg. 158 — 1884; Jord. & Swain., Pr. U. S. Nat. Mus., pg. 308 — 1884; Jord. & Fesler, Rep. U. S. Fish. Comm., pgs. 467 e 477, est. 41 — 1883; *Bathystoma rimator*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pg. 1.308 (parte II — 1898), parte IV, est. CCVI, fig. 534 — 1900.

**Bathystoma aurolineatum** (Cuv. & Val.) = *Hemulon aurolineatum*, Cuv. & Val., vol. V, pag. 237 — 1830; Günther, Cat., vol. I, pg. 318 — 1859; *Hemulon jeniguano*, Poey, vol. II, pg. 183 — 1860; *Bathystoma jeniguano*, Putnam, Bull. Mus. Comparat. Zool., pg. 12 — 1863; *Hemulon jeniguano*, Poey, Synopsis, pg. 319 — 1868; Poey, Enum., pg. 47 — 1875; *Diabasis jeniguano*, Jord. & Gilb. — Synopsis, pg. 925 — 1883; *Hemulon aurolineatum*, Jord., & Swain, Proc. U. S. Nat. Mus., pgs. 287 e 310 — 1885; Jord., Pr. U. S. Nat. Mus., pg. 319 — 1890; Jord. & Fesl. Rep. U. S. Fish. Comm., pgs. 467 e 478 — 1893; *Bathystoma aurolineatum*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.308 e 1.310 — 1898.

**Bathystoma striatum** (L.) = *Capéuna*, Marcgrave, pg. 155 — 1648; *Percastriata*, Linneu, Syst. Nat., pg. 293 — 1758; *Grammistes trivittatus*, Bl. & Schn., Syst., pg. 188 — 1801; *Serranus capéuna*, Licht, Abhandl. Berl. Akad., pg. 288 — 1821; *Hemulon capéuna*, Cuv., Règne Anim., pg. 176 — 1829; *Hemulon quadrilineatum*, Cuv. & Val., vol. V, pg. 238, est. 120 — 1830; Günther, Cat., vol. I, pg. 316 — 1859; *Hemulon quinquelineatum*, Poey, Mem., pg. 419 — 1860; o mesmo, Report., vol. I, pg. 310 — 1867 e vol. II, pg. 161 — 1868; Enum., pg. 47 — 1895; *Hemulon capéuna*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 53 — 1876; *Diabasis trivittatus*, Jord. & Gilb., Synopsis, pg. 554 — 1883; *Hemulon quadrilineatum*, Jord. & Swain, Pr. U. S. Nat. Mus., pgs. 277 e 311 — 1885; *Hemulon striatum*, Jord. & Fesler, Report. U. S. Fish. Comm., pgs. 468 e 479 — 1893; *Bathystoma striatum*, Jord. & Eigenm., Bull. 47 U. S. Nat. Mus., pgs. 1.308 e 1.310 — 1898.

**Brachygenys chrysargyreus** (Günth.) = *Hemulon chrysargyreum*, Günth., Cat., vol. I, pg. 314 — 1859; *Hemulon læniatum*, Poey, Mem., vol. II, pg. 182 — 1860; *Brachygenys læniata*, Poey., Synopsis, pg. 310 — 1868; Poey, Enum., pg. 47 — 1875; *Hemulon chrysargyreum*, Günth., Shore Fishes of Chall. Exped., pg. 7 — 1880; Jord., Proc. U. S. Nat. Mus., pg. 126 — 1884; *Hemulon læniatum*, Jord. & Swain, loc. cit., pg. 307; *Hemulon chrysargyreum*, Jord., Pr. U. S. Nat.

Mus., vol. IX, pg. 536 — 1886; Jord. & Swain, Bull. U. S. Nat. Mus., pg. 305 — 1885; Jord., Pr. U. S. Nat. Mus., pg. 648 — 1889; Jord. & Fesler, Report U. S. Nat. Mus., pgs. 467 e 476, est. 40 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pg. 1.307 — 1898, e parte IV, est. CCVI, fig. 533 — 1900.

**Conodon nobilis** (L.) = *Perca nobilis*, Linnæus, Syst. Nat., pg. 291 — 1758; *Sciæna plumieri*, Bl., Ichthyol., vol. IX, pg. 57, est. 306 — 1797; *Sciæna coro*, Bl., op. cit., est. 307, fig. 2 — 1791; *Cheilodipterus chrysopterus*, Lacép., H. N. Poiss., vol. III, pg. 542, est. 33, fig. 1 — 1802; *Conodon autilanus*, Cuv. & Val., Hist. Nat. Poiss, vol. V, pg. 116 — 1830; *Pristipoma coro*, os mesmos, op. et loc. cit., pg. 198; *Conodon plumieri*, Günth., Cat., vol. 1, pg. 304 — 1859; *Conodon nobilis*, Jord. & Fesler, Rep. U. S. Fish. Comm., pg. 488 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pg. 1.324 — 1898.

**Brachydeuterus corvinæformis** (Steind.) = *Hemulon corvineforme*, Steind., Ichthyol. Notizen, vol. VII, pg. 16 — 1868; *Pomadasyis corvinæformis*, Jord. & Fesler, pgs. 492 e 495 — 1893; *Pomadasyis corvinæformis*, Ihering, Os peixes da Costa do Mar no Estado do Rio Grande do Sul, pg. 11 — 1896; *Brachydeuterus corvinæformis*, Jord. & Rutter, Proc. Acad. Nat. Sci. Philad., pg. 410 — 1897; Jord. & Eigenmann, Bull. 47 U. S. Nat. Mus., pg. 1.326 — 1898.

**Pomadasyis ramosus** (Poey.) = *Pristipoma ramosum*, Poey, Mem., vol. II, pg. 186 — 1860; *Pristipoma boucardi*, Steind., Ichthyol., not. IX, pg. 1 — 1869; *Pomadasyis ramosus*, Jord. & Fesler, Report U. S. Fish Comm., pgs. 491 e 494; Jord. & Eigenmann, Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.330 e 1.334 — 1898.

**Pomadasyis crocro** (Cuv. & Val.) = *Pristipoma crocro*, Cuv. & Val., H. Nat. des Poiss., vol. V, pg. 197 — 1830; *Pristipoma cultriferum*, Poey, Mem., vol. II, pg. 185 — 1860; *Pomadasyis approximans*, Bn. & Dres., Pr. U. S. Nat. Mus., pg. 160 — 1884; *Pomadasyis crocro*, Jord. & Fesl., Rep. U. S. Fish. Comm., pgs. 490 e 493 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 1.330 e 1.333 — 1898.

**Orthopristis ruber** (Cuv. & Val.) = *Pristipoma rubrum* e *P. lineatum*, Cuv. & Val., H. N. des Poiss., vol. V, pgs. 212 e 214 — 1830; *Orthopristis ruber*, Jord. & Fesler, Report, U. S. Fish. Comm., pgs. 496 e

499 — 1893; Mir. Rib., Pescas do Annie, pg. 171, Bol. Soc. Nac. de Agricultura — Abril á Julho, 1903 — Separata, pg. 28 — 1904.

**Anisotremus bicolor** (Casteln.) = *Pristipoma bicolor*, Castelnau, Animaux Nouveaux ou Rares de la Amerique du Sud, pg. 8, est. 2, fig. 2 — 1850; *Pristipoma trilineatum*, Poey, Mem., vol. II, pg. 343 — 1861; *Pristoma brasiliense*, Steind, Stzungsber Akads. Wien, 1013, est. XVII — 1863; *Anisotremus bicolor*, Jord. & Fesler, Report., U. S. Fish. Comm., pgs. 482 e 485 — 1893; *Anisotremus bicolor*, Jord., Proc. U. S. Nat. Mus., pg. 319 — 1890; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.315 e 1.319 — 1898.

**Anisotremus surinamensis** (Bl.) = *Lutjanus surinamensis*, Bl. Ichthyol, pg. 1, est. 253, vol. VIII — 1797; *Holocentrus gibbosus*, Lacép., vol. IV, pg. 344 — 1803; *Pristipoma bilineatum*, Cuv. & Val., vol. V, pgs. 271 — 1830; *Pristipoma melanopterum*, Cuv. & Val., vol. V, pag. 273; *Pristipoma surinamensis*, Cuv. & Val., pg. 273, vol. V — 1830; *Hemulon obtusum* e *H. labridum*, Poey, Mem., vol. II, pgs. 182 e 419 — 1860; *Genytremus interruptus*, Gill., Pr. Acad. Nat. Sci. Philad., pg. 256 — 1861; *Pristipoma furthi*, Steind., Ichthyol, Beitr., vol. V, pg. 4 — 1876; *Pomadasy bilineatum* e *P. furthi*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 385 — 1881; *Anisotremus bilinatus*, Jord. & Boll., Pr. U. S. Nat. Mus., pg. 181 — 1889; Jord., Pr. U. S. Nat. Mus., pg. 319 — 1890; *Anisotremus surinamensis*, Jord. & Fesler, Report., U. S. Fish. Comm., pgs. 482 e 484 — 1893; *Anisotremus surinamensis* e *A. interruptus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.315, 1.318 e 1.898 e IV parte, est. CCVIII, fig. 537 — 1900.

**Anisotremus virginicus** (L.) = *Guatucupa-juba*, Maregrave, Hist. Nat. Brasil., Pisces, pg. 147 — 1648; *Acará pinima*, o mesmo, loc. cit., pg. 152; *Sparus virginicus*, L., Syst. Nat., pg. 281 — 1758; *Sparus vitatus*, Bl., Ichthyol., est. 263 — 1791; *Perca juba*, Bl., Ichthyol, est. 308, fig. 2 — 1791; *Grammistes mauritii*, Bl. & Schn., Syst., pg. 185 — 1801; ? *Pristipoma catharinæ*, Cuv. & Val., V, pg. 269 — 1830; *Pristipoma rodô*, Cuv. & Val., loc. cit., pg. 274; *Pristipoma acará-pinima*, Casteln. Anim. Nouv. etc., pg. 8 — 1850; *Pristipoma virginicum*, Günther, Cat. I, pg. 288 — 1859; *Anisotremus virginicus*, Gill., Proc. Acad. Nat. Sci. Philad., pg. 107 — 1861; *Pomadasy virginicus*, Jord. & Gilb., Proc. U. S. Nat. Mus., pg. 385 — 1881; *Anisotremus virginicus*, Jord., Proc. U. S. Nat. Mus., pg. 319 — 1890; *A. virginicus* e *A. catharinæ*, Jord. & Fesler, Rep. U. S. Fish. Com., pgs. 483, 486

e 487, est. 43 — 1893; *Anisotremus virginicus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.316 e 1.322, II parte, 1898 e IV parte, est. CCIX — 1900.

**Genyatremus luteus** (Bl.) = *Lutjanus luteus*, Bl., Ichthyol., est. 247 — 1793; *Grammistes hepatus*, Bl. & Schn., Syst., pg. 187 — 1801; *Dagrammina cavifrons*, Cuv. & Val., Hist. Nat. des Poiss., vol. V, est. 123 — 1830; *Genyatremus luteus*, Jord. & Fesler, Report. U. S. Fish. Comm., pg. 564 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 13 — 1898.

**Boridia grossidens** Cuv. & Val. = *Boridia grossidens*, Cuv. & Val., H. Nat. de Poiss., vol. V, pg. 115, est. 114 — 1830; Jordan & Fesler, Report. U. S. Nat. Mus., pg. 526 — 1893; Berg., Comm. Mus. B. Aires, Tomo I, n. 9, pg. 308 — 1901; *Genyatremus luteus*, Mir. Rib., Pescas do Annie. "Lavoura", Abril á Julho de 1903, pg. 171; *Myliacrodon göeldi*, Regan, Proc. Zool. Soc. London, vol. II, pg. 68 — Outubro de 1903; *Genyatremus luteus*, Mir. Rib., Pescas do Annie, Separata, parte 23, Outubro de 1903-1904; *Boridia grossidens*, Mir. Rib., Fauna Brasiliense, Hemulidae, pg. 29 — 1913.

**Paraupeneus maculatus**, (Bl.) = *Pira-melira*, Maregrave, pg. 156 — 1648; *Mullus maculatus*, Bloch, tab. 348, pg. 79, X pte. — 1797; *Upeneus maculatus* e *Upeneus punctatus*, Cuv. & Val., Hist. Nat. des Poiss., III, pgs. 478 e 482 — 1829; Poey, Mem., I, pg. 223 — 1851; Günther, Cat., I, pg. 408 — 1859; *Mullypheneus maculatus*, Poey, Syn., pg. 307 — 1868; *Upeneus maculatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 858 — 1896.

**Mulloidides macrophthalmus**, Mir. Rib. = *Mulloidides macrophthalmus*, Miranda Ribeiro, Fauna-Brasiliense, Peixes, Tomo V, Archivos do Museu Nacional, vol. XVII, Mullidae, pg. 3 — 1916.

**Pseudomulloidides carmineus**, Mir. Rib. = *Pseudomulloidides carmineus*, Miranda Rib., loc. cit. — 1916.

**Mullus surmuletus** (L.) = *Mullus surmuletus*, Linnaeus, Syst. Naturæ, ed X, pg. 300 — 1758; Bloch, Ichthyol., II pte., pg. 103, est. LVII — 1785; Lacép., vol. III, pg. 394 — 1801; Cuv., Règne Animal, Poiss., est. 19, fig. 2 — 1829; Günther, Cat., I, pg. 404 — 1859; Mir. Rib., Pescas do Annie, "Lavoura", nos. 4 á 7, pg. 165, Abril á Julho de 1903.



**Eques acuminatus** (Bl. & Schn.) = *Eques acuminatus* est. 26, fig. 33, Artedi in Seba, tomo III — 1758; *Grammistes acuminatus*, Bl. & Schn., Syst., pg. 184 — 1801; *Eques lineatus*, Cuv. & Val., vol. V, pg. 126 — 1830; *Eques acuminatus*, Casteln. Anim., Nouv., etc., pg. 10 — 1855; Günther, Cat., vol. II, pg. 280 — 1860; Poey, Mem., vol. II, pg. 370 — 1861; o mesmo, Synopsis, pg. 325 — 1868; Cope, Ich. L. Ant., pg. 471 — 1870; Poey, Enum., pg. 49 — 1875; *Paréques acuminatus*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 50 — 1876; Jordan, Cat. Fish. N. Am, pg. 94 — 1885; Jordan & Eigen., Report., U. S. Fish. Comm., pgs. 439 e 440 — 1889; for — 1886, *Eques acuminatus* e *Eques acuminatus* var *umbrosus*., Jordan & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.485 e 1.487 — 1898.

**Eques lanceolatus**, (L.) = *Chatedon lanceolatus*, Linnaeus, Systema Nat., ed. X, pg. 277 — 1758; *Serrana*, Parra, Dif. Piez, est. II — 1787; *Eques ámerinus*, Bl., Ichthyol, est. 347 — 1793; *Eques balleatus*., Cuv., Règne Anim, ed. II, est. 29, fig. 2 — 1829; Cuv. & Val., H. Nat. Poisson, vol. V, pg. 122 — 1830; *Sciæna edwardi*, Gronow, Cat., ed. Gray, pg. 53 — 1854; *Eques lanceolatus*, Castelnau. Anim. Nouv. etc., Poiss., pg. 10 — 1855; Günther, Cat., vol. II, pg. 279 — 1860; Poey, Enum., pg. 49 — 1875; Jord. & Gilb., Synopsis, pg. 932 — 1883; Jord. & Eigenmann. pg. 442 — 1889.

**Pogonias chromis** (L.) = *Labrus cromis*, L., Syst. Nat., ed. XII, 479 — 1766; Gmlin, Syst. Nat., pg. 1.292 — 1788; *Labrus cromis*, Schopf, Schrift Naturf. Freunde Berlin, VIII, pg. 158 — 1788; *Sciæna chromis*, Bl. & Schn., Syst., pg. 82 — 1801; *Pogonias fasciatus*, Lacép., H. Nat. Poiss., vol. III, pg. 137 — 1802; *Pogonathus courbina*, Lacép., Hist. Nat. des Poiss., V, pg. 121 — 1803; Lacép., Hist. Nat. Poiss., IV, pg. 314 — 1802; *Mugil gruniens* e *M. gigas*, Mitchill, Report Fish. N. York, pg. 16 — 1814; *Labrus gruniens*, *Sciæna fusca*, *S. gigas*, Mitchill, Trans. Litt. Philos. Soc., pgs. 405, 409 e 413 — 1815; *Pogonias chromis*, Cuv., Règne Anim., est. 29, fig. 1 — 1829; *Pogonias chromis* e *Pogonias fasciatus*, Cuv. & Val., Hist. Nat. des Poiss., V, pgs. 153 e 156, est. 118 — 1830; *Pogonias gigas*, Ayres, Fish, Brookhaven, pg. 260 — 1842; *Pogonias chromis* e *Pogonias fasciatus*, De Kay, New-York Fauna, Fishes, pgs. 80 e 81, est. 14, fig. 40 — 1842; Storer, Syn. Fish. N. Am., pg. 342 — 1846; Storer, Syn., pg. 324 — 1846; *Pogonias chromis*, Girard, U. S. & Mexico Bound. Surv., pg. 11 — 1859; *Pogonias chromis* e *Pogonias fasciatus*, Holbrook, Ichthyol S. Carol, 1ª ed., pgs. 112 e 118, est. 16, figs. 1 e 2 — 1860; *Pogonias chromis* e

*Pogonias fasciatus*, Günther, Cat., II, pg. 270—1860; *Pogonias chromis*, Uhler & Lugger, Fishes Maryland, pg. 98—1876; Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 377—1878; *Pogonias chromis*, Gde. & Bean, Fishes Essex County, Mass. Bay, pg. 17—1879; Goode & B., Pr. U. S. Nat. Mus., pg. 131—1879; Bean., Pr. U. S. Nat. Mus., pg. 93—1880; *Pogonias fasciatus*, Günther, Ann. & Mag. Nat. Hist., 1880; *Pogonias chromis*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 280—1882; Jordan & Gilbert., loc. cit., pg. 605—1882; Jord. & Gilb., Synopsis, pg. 568—1883; Jord. & Swain., Pr. U. S. Nat. Mus., pg. 233—1884; Jord. & Meek, Pr. U. S. Nat. Mus., pg. 237—1884; Gde., II. Aquat. Anim., pg. 367, ests. 121 e 122—1884; Jord., Cat. F. N. Am., pg. 93—1885; *Pogonias chromis*, Jord. & Eigenm., Report U. S. Fish. Comm. for 1886, pg. 435, est. IV, figs. 10 e 11—1889; *Pogonias chromis*, Berg., An. Mus. B. Aires, pg. 57—1895; Ihering, Os Peixes da Costa do Mar, pg. 12—1896; *Pogonias chromis* e *P. corbinae*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.482 e 1.483—1898; parte IV, est. CCXV, fig. 573—1900.

**Menticirrhus americanus** (L.) = *Alburnus americanus*, Catesby, Nat. Hist. Carol., est. 12, fig. 2—1771; *Cyprinus americanus*, Linn., pg. 321—1758; *Perca alburnus*, L., ed. XII, S. Nat., pg. 482—1766; Schöpf. Schrift. Naturf. Freunde Berlin, VIII, pg. 162—1788, Bl. & Schn., Syst., pg. 87—1801; *Centropomus alburnus*, Lacép., Hist. Nat. Poiss., IV, pgs. 249, 257 e 264—1802; *Umbrina alburnus* e *Umbrina* Cuv. & Val., *martinicensis*, vol. V, pgs. 133 e 138; *Umbrina gracilis* e *Umbrina arenata*, os mesmos., loc. cit., pg. 141—1830; *Umbrina arenata*, Jenyns, Zool. Beagle, Fishes, pg. 44—1842; *Sciæna alburnus*, Gronow, Cat. Fishes (ed. Gray), pg. 51—1854; *Umbrina alburnus*, Holbr., Ichthyol. S. Carol., est. II, fig. 20 e pg. 136—1856; *Umbrina phalæna*, Girard. Pr. Acad. Nat. Sci. Philad., pg. 167—1858; o mesmo, U. S. & Mexico Bound. Surv., pg. 13—1859; *Umbrina martinicensis*, Storer, Syn. Fish. North. Am., pg. 323—1846; *Umbrina alburnus*, *Umbrina gracilis* e *Umbrina arenata*, Günth., Cat., vol. II, pgs. 275, 276 e 277—1860; *Umbrina martinicensis* e *Umbrina gracilis*, Jord., Pr. U. S. Nat. Mus., pg. 539—1886; *Umbrina phalæna*, Steind., Ichthyol. Not. IX, 20, Sitzungsber. Akad. Wien, LX Bd.—1869; *Umbrina januaria*, Steind., Ichthyol. Beitr., vol. V, pg. 122—Sitzungsber. Akadem. Wien., vol. LXXIV—1876; *Menticirrhus alburnus*, Uhler & Lugger, Fishes Maryland, pg. 101—1876; Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 378—1878; Gde. & Bn., Pr. U. S. Nat. Mus., pg. 132—

1879; Jord. & Gib., Pr. U. S. Nat. Mus., pag. 282 — 1882; os mesmos, loc. cit., pg. 606; os mesmos, Syn., pg. 577 — 1883; Gde., Hist. Aquat. Anim., pg. 376, est. 127 — 1884; Gde. & Bn., Pr. U. S. Nat. Mus., pg. 202 — 1885; Jord., Cat. Fish. N. Am., pg. 94 — 1885; *Menticirrhus martinicensis*, *M. americanus*, Jord. & Eigenmann, Rpt. U. S. Fish. Comm., for 1886, pgs. 425, 429 e 430, est. III, fig. 9 — 1889; *Menticirrhus martinicensis* Berg., An. del Mus. B. Ayres, tomo IV (ser. II, tomo 1º), pg. 56 — 1895; Ihering, Peixes da Costa do Mar, pg. 13 — 1896; Jord. & Everm., Bull. 47, II parte, pgs. 1.470 e 1.473 — 1898 e pt. IV, est. CCXXV, fig. 572 — 1898.

**Umbrina coroides** (Cuv. & Val.) = *Umbrina coroides*, Cuv. & Val., vol. V, pg. 159, est. 117 — 1830; Storer, Syn. F. N. Am., pg. 323 — 1846; *Umbrina broussoneti*, Günther, Cat., II, pg. 277 — 1860; *Umbrina coroides*, Poey, Enum., pg. 48 — 1875; *Umbrina broussoneti*, Jord. & Gilbert, Syn., pg. 576 — 1883; Jord. & Eigenmann, Report, U. S. Nat. Mus., for 1886, pgs. 421 e 422 — 1889; *Umbrina coroides*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.465 e 1.466 — 1898.

**Micropogon undulatus** (L.) = *Perca undulata* (L.) Syst. Nat., ed. XII — 1766; *Sciæna croker*, Lacép., H. Nat. Poiss., vol. IV, pgs. 309, 314 e 316 — 1802; *Bodianus costatus*, Mitchell, Trans. Lit. & Phil. Soc. New York, pg. 417 — 1815; *Micropogon undulatus*, Cuv. & Val., vol. V, pg. 163 — 1830; Girard, U. S. Bound. Surv., pg. 13, est. 12 — 1859; Günther, Cat., vol. II, pg. 271 — 1860 (parte); Jord. & Gib., Syn., pg. 575 — 1883; Jord. & Eigenmann, Report U. S. Fish. Comm., for 1886, pgs. 416 e 418 — 1889; *Micropogon undulatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 1.461, est. CCXXIV, fig. 570 — 1898.

**Micropogon opercularis** (Quoy., & Gmrd.) = *Sciæna opercularis*, Quoy & Gaimard, Voy. Uran., Zool., pg. 347 — 1824; *Micropogon lineatus*, Cuv. & Val., vol. V, pg. 160, est. 119 — 1830; *Micropogon fourneri*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 417 e 418 (parte) — 1889; *Micropogon undulatus*, Berg., Ann. Mus. B. Aires, vol. IV (ser. II, tomo I) pg. 54 — 1895; *M. opercularis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 1.461; Mir. Rib., Pescas do Annie "Lavoura", nos. 4 á 7, pg. 156, Abril á Julho de 1903.

**Polyclemus brasiliensis** (Steind.) = *Genyonemus brasiliensis*, Steind., Ichthyol. Beitr., II Sitzungsber. Akad. Wien, LXXI Bd., pg. 476 —

1875; *Micropogon ornatus*, Günther, Ann. & Mag. Nat. Hist. (5), vol. VI, pg. 9 — 1880 e Chall. Shore Fishes, pg. 13, est. 7, fig. A — 1880; *Genyonemus brasiliensis*, Steind., loc. cit., LXXXIII, Bd. pg. 215 — 1881; *Polycirrhus brasiliensis*, Jord. & Eigenm., Report U. S. Fish. Comm., for 1886, pgs. 414 e 415 — 1889; *Polyclemus brasiliensis*, Berg, Anales Mus. B. Aires, pg. 54 do tomo IV (ser. 2ª, tomo 1º) 1895.

**Pachypops furcraeus** (Lacép.) = *Perca furcraea*, Lacép., Hist. Nat. Poiss., IV., pgs. 398 e 424 — 1802; *Corvina furcraea*, Cuv. & Val, V, pg. 82 — 1830; *Corvina biloba*, Cuv. & Val., V, pg. 83 — 1830; *Pachypops furcraeus*, Steind, Sitzungsber. Akad. Wissench. Wien, XLVIII, Band I, Abtheil., pg. 165, est. I — 1863; *Pachypops biloba*, Steind., Sitzber. Akad. Wien, LXIX, Band I, Abtheil., pg. 206 — 1864; *Pachyurus furcraeus*, Steind., Sitzungsber. Akad. Wissenschaft, Wien, LXXX, Band, pg. 12 — 1879; *Pachypops furcraeus*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 412 e 413 — 1889; Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. 14, pg. 67 — 1891; Berg, An. Mus. B. Ayres, vol. IV, pg. 53 — 1895; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 1459 — 1898.

**Pachypops trifilis** (Mull. & Tr.) = *Micropogon trifilis*, Müller & Troschel, in Shomburgk, Reise Guyana, vol. III, pg. 622 — 1848; Günther Cat., II, pg. 273 — 1860; *Pachypops trifilis*, Gilb., Pr. Acad. Nat. Sci. Philad., pg. 87 — 1861; Steindachner, Sitzber. Akad. Wien, XLVIII Bd., pg. 168, est. II — 1863; *Pachyurus trifilis*, Steindachner, Ichthyol. Beitr., VIII, pg. 12, Sitzber. Akad. Wien, LXXX Bd. — 1879; *Pachypops trifilis*, Jord. & Eigenm. Report. U. S. Fish. Comm., for 1886, pg. 413 — 1889.

**Pachypops adpersus** (Steind.) = *Pachyurus adpersus*, Steindachner, Ichthyol. Beitr., VIII, pg. 5, Sitzungsber. Akad. Wien, LXXX Bd. — 1879; Jord. & Eigenm., Rept. U. S. Fish. Comm., for 1886, pgs. 413 e 414 — 1889.

**Pachyurus francisci** (Cuv. & Val.) = *Lepipterus francisci*, Cuv. & Val., V, pg. 113, est. 113 — 1830; *Pachyurus francisci*, Günther, Cat., II, pg. 281 — 1860; *Pachyurus corvina*, Lütken, Velhas-Flodens, Fiske, pg. XX, Vidensk. Selsk. Skr., 5te Række, Naturhist. Mathem. Afd. 12 te. Bd. II, pg. 248 — 1875; *Pachyurus francisci*, Jord. & Eigenm., Report U. S. Fish Comm. for 1886, pgs. 413 e 414 — 1898.

- Pachyurus squamipinis**, Agass. = *Pachyurus squamipinis*, Agassiz in Spix, Pisc. Bras., pgs. 125 e 127 e 128, est. 71 — 1829; Günther, Cat., II, pg. 281 — 1860; *Pachyurus landii*, Lütken, Velhas-Flodens, Fiske, pgs. 248 (analyse comparativa com outras especies), e XX Videsnk. Selsk. Skr., 5te. Raekke, Naturvid. of Mathem. Afd., 12te, Bd. II — 1875; Steindachner, Stzungsber. Akad. Wien, LXXX Mus., Band. pg. ? — 1879; *Pachyurus squamipinis*, Eigenm., Pr. U. S. Nat., pg. 67 — 1891.
- Pachyurus nattereri**, Steind. = *Pachyurus nattereri*, Steindachner, Stzungsber. Akad. der Wissench. Wien, XLVIII Band., I Abtheil., pg. 171, est. III — 1863.
- Pachyurus schomburgki**, Günther = *Pachyurus schomburgki*, Günther, Catalogo II, pg. 282 — 1860; Jord. & Eigenmann, Report. U. S. Fish. Comm., for 1886, pgs. 411 e 412 (parte) — 1889.
- Ophioscion adustus** (Agassiz) = *Sciæna adusta*, Agassiz, Spix, Pisc. Bras., pg. 126, tab. 70 — 1829; Günther, Cat., II, pg. 289 — 1860; Jord. & Eigenmann, Report. U. S. Fish. Comm., for 1886, pgs. 398 e 403 — 1889; Perugia, Ann. Mus. Civ. Gen., X, pg. 603 — 1891; Berg., Ann. Mus. B. Ayres, IV (ser. 2ª, tomo I), pg. 52 — 1895; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.446 e 1.447 — 1898.
- Bairdiella ronchus** (Cuv. & Val.) = *Corvina ronchus*, Cuv. & Val., vol. V, pg. 79 — 1830; Storer, Syn., pg. 320 — 1846; Günther, Cat., vol. II, pg. 299 — 1860; *Bairdiella armata*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 164 — 1863; *Bairdiella ronchus*, Poey, Synopsis, pg. 324 — 1868; *Corvina ronchus* e *Corvina armata*, Günther, Fishes Centr. Am., pgs. 387 e 428 — 1869; Cope, Ichthyol. Less. Ant., pg. 471 — 1870; *Bairdiella ronchus*, Poey, Enum., pg. 48 — 1875; *Corvina acutirostris*, Steind. Ichthyol. Beitr., vol. III, pg. 28, est. IV — 1875; Fish. Fauna Magdal. Strom., pg. 9 — 1878; Poey, Fauna P. — Riqueña, pg. 326 — 1881; *Sciæna armata*, Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 316 — 1881; Gilb., Bull. U. S. Fish. Comm., pg. 112 — 1882; Jord. & Gilb., Proc. U. S. Nat. Mus., pg. 276 — 1882; *Bairdiella armata*, Bean & Dresel, Proc. U. S. Nat. Mus., pg. 156 — 1884; *Sciæna ronchus*, Jord., Proc. U. S. Nat. Mus., pg. 44 — 1886; *Bairdiella ronchus* e *Bairdiella armata*, Jord. & Eigenm., Report. U. S. Fish., Comm., for 1886, pgs. 385 e 388 — 1889; Jord.

& Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.432 e 1.436 — 1898; *Corvina ronchus*, A. Furtado, pg. 108, c. f. — 1903.

**Stellifer rastrifer** (Jord. & Eigenm.) = *Stelliferus rastrifer*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 391 e 393 — 1889; *Stellifer rastrifer*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 1.441 (nota) — 1898.

**Stellifer stellifer** (Bl.) = *Bodianus stellifer*, Bl. Ichthyol., vol. VII, pg. 41, est. CCXXXI — 1797; *Corvina trispinosa*, Cuv. & Val., vol. V, pg. 80 — 1830; Steind., Sitzber. Akad. Wien, vol. 48, I Abtheil., pg. 175 — 1863; *Sciæna stellifera*, Jord., Pr. U. S. Nat. Mus., pg. 540 — 1886; *Stelliferus stellifer*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 1.391 e 1.394 — 1889; *Stellifer stellifer*, Jord. & Eigenm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.440 e 1.443 — 1898.

**Stellifer microps** (Steind.) = *Corvina stellifera*, Günth., Cat., vol. II, pg. 299 — 1860; *Corvina microps*, Steindachner, Sitzber. Akad. Wissensch. Wien XLIX Band, I Abtheil., pg. 205, est. II, fig. 2 — 1864; *Stelliferus microps*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 392 e 395 — 1889; *Stellifer microps*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pgs. 1.440 e 1.445 — 1898.

**Stellifer naso** (Jord. & Eigenm.) = *Stelliferus naso*, Jord. & Eigenm., Rep. U. S. Fish. Comm., for 1886, pgs. 392 e 395 — 1889; *Stellifer naso*, Jord. & Everm., Bull. 47, U. S. Nat. Mus., II parte, pg. 1.445 (nota) — 1898.

**Larimus breviceps**, Cuv. & Val., = *L. breviceps*, H. Nat. des Poiss., V, pg. 108, est. 111 — 1830; Storer, Syn. Fish. N. Am., pg. 321 — 1846; Günth., Cat., II, pg. 268, — 1860; Günth., Fish. Centr., Am., pgs. 387 e 425 — 1869; Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 107 — 1882; Gilb., op. cit., 112; Bean & Dresel, Pr. U. S. Nat. Mus., pg. 158 — 1884; Jord. & Eigenmann, Report U. S. Fish. Comm., for 1886, pg. 375 — 1889; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.420 e 1.423 — 1898.

**Nebris microps**, Cuv. & Val. = *Nebris microps*, Cuv. & Val., V, pg. 111, est. 112 — 1830; Günther, Cat., II, pg. 316 — 1860; Steindachner, LXXII Band, Sitzber d. k. Akad. Wissensch. Wien I Abtheil., pg. 10,

Ihargang — 1875; Jord. & Gilb., Bull. U. S. Fish. Comm., pg. 111 — 1882; Jord. & Eigenm., Rep. U. S. Fish. Com., for 1886 — pgs. 373 e 374 — 1889; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pg. 1.417 — 1898.

**Plagioscion auratus** (Casteln.) = *Johnius auratus*, Catelnau, Anim. Nouv etc., pg. 12, est. IV, fig. 2 — 1855; *Sciæna aurata*, Günther, Cat., II, pg. 287 — 1860; *Plagioscion auratus*, Jord. & Eigenm., Report U. S. Fish. Comm., for 1886, pgs. 381 e 383 — 1889; Eigenm. & Eigenm. Proc. U. S. Nat. Mus., vol. XIV, pg. 67 — 1891; Göeldi, Bol. Mus. Paraense, II, pg. 472 — 1898.

**Plagioscion squamosissimus**, Heckel = *Sciæna squamosissima*, Heckel, Annalen Wiener Mus., II, pg. 438 — 1840; Reinhardt, Med. Naturhist. Foren. Kjöbenhavn, pg. 108 — 1854; *Johnius crowina* e *J. amasonica*, Casteln., Anim. Nouv. etc., Poiss., pgs. 11 e 12, est. 4, fig. 2 e est. 5, fig. 1 — 1855; *Sciæna amasonica*, *S. crowina* e *Pachyurus squamosissimus*, Günther, Cat., II, pgs. 284, 287 e 526 — 1860; *Sciæna squamosissima*, Steind., Beitr. Kenntniss Fish-Fauna S. Am., pg. 3, Denkschrift Akad. Wien, XLI Bd. — 1879; *Diptolepis squamosissimus*, Steind., Sciaenoiden Brasiliens, pg. 163, Sitzungsber. Akad. Wien, XLVIII Bd. — 1863; *Plagioscion squamosissimus*, Jord. & Eigenm., Report U. S. Nat. Mus., pgs. 381 e 382 — 1889; Eigenmann & Eigenmann., Proc. U. S. Nat. Mus., vol. XIV, pg. 67 — 1891; *Sciæna amasonica*, *Plagioscion squamosissimus*, Geöldi, Boletim do Mus. Paraense, pgs. 471, tomo II — 1898; *Plagioscion squamosissimus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pag. 1.418 — 1898.

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- Cynoscion steindachneri**, (Jord. & Eigenm.) = *Cestreus steindachneri*, Jord. & Eigenmann, Report. U. S. Fish. Comm., for 1886, pgs. 362 e 363 — 1889.
- Cynoscion virescens** (Cuv. & Val.) = *Otolithus virescens* Cuv. & Val., V, pg. 54 — 1830; *Gynoscion virescens*, Jord., Pr. U. S. Nat. Mus., pg. 588 — 1886; *Otolithus microps*, Steindachner, Denkschrift. Akadm. Wien, I Abtheil., n. 41, pg. 38, est. VIII, pgs. 2 e 2<sup>a</sup> — 1879; *Cestreus virescens* Jord. & Eigenm., Report U. S. Fish. Comm., for 1886, pgs. 362 e 371 — 1889; *Gynoscion virescens* Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte., pgs. 1.403 e 1.415 — 1898.
- Cynoscion striatus** (Cuv.) = *Guatucúpa*, Marcgrave, H. Bras., pg. 177 — 1.648; *Otolithus striatus*, Cuv., Règne Animal, ed. II, pg. 180 — 1829; *Otolithis guatucupa*, Cuv. & Val., Hist. Nat. Poiss., vol. V, pg. 56, est. 104 — 1830; Jenyns., Zool. Beagle, Fishes, pg. 41 — 1842; Günther, Cat., II, pg. 309 — 1860; Günther, Shore-Fishes, Chall., pg. 13 — 1880; *Cestreus striatus*, Jord. & Eigenmann, Report. U. S. Fish. Comm., for 1886, pgs. 346 e 365 — 1889; Miranda Ribeiro, Pescas do Annie, "Lavoura" Abril á Julho, pg. 156 — 1903.
- Cynoscion microlepidotus** (Cuv. & Val.) = *Otolithus microlepidotus*, Cuv. & Val., pg. 59 — 1830; Günther, Cat., II, pg. 311 — 1860; Steindachner, Denkschrift. Akad. Wiss. zu Wien, vol. 41, 1<sup>o</sup> fasciulo, pg. 39 — 1879; *Cestreus striatus*, Jord. & Eigenmann, Report. U. S. Nat. Mus. for 1886, pgs. 362 e 371 — 1889; *Gynoscion striatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.403 e 1.415 — 1898.
- Cynoscion leiarchus** (Cuv. & Val.) — *Otolithus leiarchus*, Cuv. & Val., pg. 58, (V) — 1830; Günther, Cat., II, pg. 308 — 1860; Jordan, Pr. U. S. Nat. Mus., pg. 540 — 1886; *Cestreus leiarchus*, Jord. & Eigenm., Report. U. S. Fish. Comm., pg. 371 — 1889; *Cynoscion leiarchus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.403 e 1.414 — 1898.
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*parvipinnis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.398 e 1.399 — 1898.

**Symphysoglyphus bairdi** (Steind.) = *Otolithus bairdi*, Steindachner, Denkschr. Akad. Wien, 41 Band, 1 Abtheil., pg. 40, est. 1, fig. 2 — 1879; *Cestreus bairdi*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pg. 363 e 372 — 1889.

**Sagenichthys ancylodon** (Bl. & Schn.) = *Lonchurus ancylodon*, Bl. & Schn., Syst. Ichthyol., pg. 102, est. 25 — 1801; *Ancylodon jaculidens*, Cuv. & Val., V, pg. 60 — 1830; Günther, Cat., II, pg. 311 — 1860; *Ancylodon atricauda*, Günth., Shore-Fishes. Chall., pg. 12 — 1880; Jord. & Gilb.; Bull. U. S. Fish. Comm., pg. 111 — 1882; *Ancylodon ancylodon*, Jord. & Eigenm., Report. U. S. Fish. Comm., for 1886, pgs. 372 e 373 — 1889; *Sagenichthys ancylodon*, Berg., An. Mus. B. Aires, IV (II serie, 1) pg. 52 — 1895; Ihering, Peixes da Costa do Mar, pg. 13 1896; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pg. 1.416 — 1898, e parte IV, est. CCXXI, fig. 564 — 1900.

**Abudefduf saxatilis** (L.) = *Jaguacaguari*, Marcgrav., H. N. Brasilia, Pisces, pg. 156 — 1648; *Chaetodon saxatilis*, Linneus, Syst. Nat., Pisces pg. 276 — 1758; *Chaetodon marginatus*, e *Chaetodon mauricii*, Bl., Ichthyol., III, pgs. 98 e 213, ests. 207 e 109 — 1785; *Chaetodon sargoides* e *Glyphisodon moucharra*, Lacép., H. Nat. Poiss., IV, pgs. 453 e 542 — 1803; *Glyphisodon saxatilis*, Cuv. & Val., H. Nat. Poiss., vol. V, pg. 333 — 1830; *Glyphisodon troschelii*, Gill, Pr. Acad. Nat. Sci. Philad., pg. 150 — 1862; *Glyphisodon saxatilis* e *G. troschelii*, Günther, Cat., IV, pgs. 35 e 36 — 1862; *Glyphisodon saxatilis*, Jord. & Gilbert, Pr. U. S. Nat. Mus., pgs. 336 e 377 — 1882; Jordan, Pr. U. S. Nat. Mus., pg. 134 — 1884; Jordan & Everm., Bull. 47 U. S. Nat. Mus., parte II — 1898 e parte IV, est. CCXXXIV, fig. 1.561 — 1900.

**Eupomacentrus fuscus** (Cuv. & Val.) = *Pomacentrus fuscus*, Cuv. & Val. H. Nat. des Poiss., vol. V, pg. 324 — 1830; *Pomacentrus fuscus* e *P. variabilis*, Casteln., Anim. Nouv. etc., Poissons, pg. 9, est. 3, fig. 3 — 1855; *Pomacentrus nigricans*, parte, Gron., Syst., pg. 61 (ed. Gray) — 1854; *Pomacentrus atrocyanus*, Poey, Mem., II vol., pg. 190 — 1860; *Pomacentrus fuscus*, Günther, Cat., IV, pg. 31 — 1862; Jordan, Pr. U. S. Nat. Mus., vol. XIII, pg. 323 — 1890; *Eupomacentrus fuscus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.550 e 1.552 — 1898.

**Eupomacentrus caudalis** (Poey) = *Pomacentrus caudalis*, Poey, Synopsis, pg. 328 — 1867; Jord. & Swain, Pr. U. S. Nat. Mus., pg. 545 — 1884; Jord., Pr. U. S. Nat. Mus., pg. 325 — 1890; Jord. & Everm., Bul. 47 U. S. Nat. Mus., parte II, pg. 1.556 — 1898.

**Eupomacentrus ? pictus** (Cast.) = *Pomacentrus pictus*, Casteln. Anim. Nouv. ou Rares, etc., Poiss., pg. 9, est. II, fig. 1 — 1855; Günther, Cat., vol. IV, pg. 16 (nota) — 1862.

**Chromis marginatus** (Cast.) = *Heliasis marginata*, Casteln., Animaux Nouv. etc., Poiss., pg. 9, est. 3, fig. 1 — 1855; Günther, Cat., vol. IV, pg. 64 — 1862; (Nec. syn.) Jord. & Everm., Bull. 47 U. S. Nat. Mus., pg. 1.546 (nota) — 1898.

**Crenicichla lacustris** (Casteln.) = *Cycheila lacustris*, Casteln., Animaux Nouveaux ou Rares de l'Amér. du Sud, Poissons, pg. 19, est. 8, fig. 3 — 1855; *Crenicichla lacustris*, Günther, Catal., IV, pg. 308 — 1862; *Crenicichla punctata*, *Cr. polysticta*, Hensel, Beitr. Z. Kenntn. Wirbelth. Bras., Archif. für Naturg., 36 Jharg., pgs. 57 e 58 — 1870; *Crenicichla lacustris* Steindachner S.-W.- Fische, Südöstliche Brasilien, — Sitzungsber. Akad. Wien, pg. 18 — 1874; *Cr. lacustris*, *Cr. punctata*, *Cr. polysticta*, Eigenm. & Eigenm., Proc. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Cr. lacustris*, Mir. Rib., Peixes do Rioomba, Bol. Soc. Nac. Agric., nos. 7 e 8, pgs. 252 e 255 — 1902; *Cr. geayji*, Pellegr., Bull. Mus. Paris, pag. 123 — 1903; e Mem. Soc. Zool. France, vol. XVI, pg. 375, est. VI, fig. 4 — 1903 (1904); Regan, Proc. Zool. Soc. London, vol. I, pg. 161 — 1905; Eigenmann, Report Princeton Univ., vol. III, pt. IV, pg. 477 — 1917; *Cr. dorsocellata*, Hasemann, Ann. Carnegie Museum, vol. VII, pg. 355, est. LXIII — 1911; *Cr. geayji*, *Cr. dorsocellata*, *Cr. lacustris*, Regan, Ann. & Mag. Nat. Hist., ser. 8, vol. XI, pags. 499 e 501 — 1913.

**Crenicichla macrophthalma**, Heck., = *Crenicichla macrophthalma*, Heckel, Ann. Wien Mus., vol. II, pg. 427 — 1840; Günth., Cat., vol. IV, pg. 305 — 1862; Goeldi, Peixes do Valle do Amazonas, Bol. Mus., Paraense, pg. 459 — 1898; *Cr. macrophthalmus*, Pellegr., Mem. Soc. Zool. de France, vol. XVI, pg. 379 — 1903-1904; Regan, Proceedings Zool. Soc. London, pg. 162 — 1905; Rud. Ihering., Rev. Mus. Paulista, vol. VII, pg. 303 — 1907; Eigenm., Report Princet. Univ., vol. III, pt. IV, pg. 477 — 1910; *Cr. santaremensis*, Hasemann, Ann. Carneg. Mus., vol. VII, pg. 354, est. LXII, fig. 1 — 1911; *Cr. macrophthalma*, Regan, Annals & Mag. Nat. Hist., ser. 8, vol. XI, pgs. 499 e 512 — 1913.

- Crenicichla wallacii**, Regan, Proc. Zool. Soc. Lond., pg. 163, est. XIV, fig. 2—1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 303—1907; Eigenmann, Report Princet. Univ., vol. III, pt. IV, pg. 477—1910; *Cr. macrophthalmus*, Hasemann, Ann. Carnegie Mus., vol. VII, pg. 353—1911; Regan, Annals & Mag. Nat. History, vol. XI, ser. 8, pgs. 499 e 502—1913.
- Crenicichla saxatilis** (L.) = *Sciæna*, L., Mus. Ad. Fred., pg. 65, est. 31, fig. 1—1754; Gronow, Mus. Ichthyol., II, pg. 29—est. VI, fig. 3—1756; *Sparus saxatilis*, Linnaeus, Syst. Nat., ed. X, pg. 278—1758; *Scarus rufescens*, Gronow, Zoolphil., pg. 67, est. 6, fig. 3—1763; *Sparus saxatilis*, Linnaeus, Syst. Nat., ed. XII, 1, pg. 468—1766; Gmlin, Syst. Nat., III, pg. 1.271, n. 7—1788; *Perca saxatilis*, Bl. Ichthyol., pg. 79, est. 309—1792; *Cichla labrina*, Agass. in Spix Pisc. Bras., pg. 99, est. LXII, fig. 1—1829; *Cr. lepidota* e *Cr. saxatilis*, Heckel, Fluss-Fische Brasilens, pgs. 429 e 432; Ann. Wiener Mus., II—1840; *Cichla labrina* e *C. rutilans*, Schomb., Fishes Guiana, pgs. 139 e 142, ests. 3 e 5—1843; *Sc. pavoninus*, Gron., Cat., pg. 67—1854; *Cr. frenata*, Gill., Ann. Lye. N. York, VI, pg. 386—1858; *Cr. saxatilis*, Günther, Cat., IV, pg. 308—1862; *Cr. lucius*, Cope, Proc. Ann. Philos. Soc., XI, pg. 570—1871; *Cr. proteus* e *Cr. proteus argyminis*; *Cr. anthurus*, o mesmo, Proc. Acad. Philad., XXIII, pg. 252, est. X—1872; *Cr. saxatilis*, Boulenger, Pr. Zool. Soc. London, pg. 275—1887; *Cr. saxatilis*, *Cr. lepidota*, *Cr. anthurus*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 70—1891; *Cr. saxatilis* var. *semicineta*, Steind. Denkschrift Akad. Wien LIX, pg. 376—1892; *Cr. saxatilis*, Eigenm. & Bray, Ann. N. York. Akad. Sci., pg. 620—1894; *Cr. saxatilis*, Boulenger, Bol. Mus. Anat. Comp. Torino, X, pg. 1—1895 e XX, pg. 1—1897; o mesmo, Ann. & Mag. Nat. Hist., 6 ser., vol. XX, pg. 295—1897; Perugia, Ann. Mus. Civico d'Hist. Nat. di Genova, (2) vol. X (XXX), pg. 622—1891; Goeldi, Peixes do Valle do Amazonas, Bol. Mus. Paraense, vol. II, pgs. 459 e 475—1898; Berg., Comunicazione Mus. Nat. B. Aires, Tomo I, n. 5—pg. 170—1899; *Cr. proteus*, *Cr. argyminis*, *Cr. saxatilis*, *Cr. sax-albopunctata*, *Cr. sax-semincta* *Cr. vaillanti*, Pellegr. Mem. Soc. Zool. France, pgs. 373, 374 e 376—1903; *Cr. vaillanti*, o mesmo, Bull. Mus. Paris, pg. 124—1903; *Cr. lepidota* e *Cr. saxatilis*, Eigenm. & Kennedy., Pr. Akad. Nat. Sci. Philad., pg. 535—1903; *Cr. lepidota*, *Cr. saxatilis*, *Cr. lucius*, *Cr. geayi*, Regan, Proc. Zool. Soc. London, pgs. 157 a 161—1905; *Cr. lepidota* e *Cr. saxatilis*, Rud. Ihering, Rev. Mus. Paulista, vol. VII, pgs. 301 e

302 — 1907; *Cr. lepidota*, *Cr. saxatilis*, *Cr. lucius* e *Cr. geayi*, Eigenm., Report. Princeton Univ., vol. III, parte IV, pg. 477 — 1910; *Cr. lepidota*, *Cr. saxatilis*, *Cr. lucius*, *Cr. geayi* e *Cr. dorsocellata*, Regan, Ann. & Mag. Nat. History, vol. XI, ser. 8, pgs. 499 e 501 — 1913.

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**Crenicichla brasiliensis** (Bl) = *Ahaquandá*, Maregr. Pisc. Bras., pg. 175 — 1648; Estampa XIV dos Peixes de Alexandre Rodrigues Ferreira; *Perca brasiliensis*, Bl., VI, pg. 84, est. 310, fig. 2 — 1797; *Cichla brasiliensis*, Bl. & Schm., pg. 339 — 1801; *Crenicichla vittata*, *Cr. lenticulata*, *Cr. adspersa*, *Cr. lugubris*, *Cr. funebris*, *Cr. johanna* Heck., Natterers' brasilianische Fluss-Fische, pgs. 417 á 425, Ann. Wiener Mus. — 1840; *Cr. obtusirostris*, *Cr. johanna*, Günther, Cat., IV, pgs. 305 e 306 — 1862; *Cr. obtusirostris* e *Cr. brasiliensis* et var., Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 69 — 1891; *Cr. brasiliensis*, var. *adspersa*, Eigenm. & Bray., Ann. N. York Acad. Sc., vol. VII, pg. 620 — 1894; *Cr. adspersa*, *Cr. obtusirostris*, *Cr. johanna*, *Cr. lenticulata*, Goedli, Bull. Mus. Paraense, vol. II, pgs. 458, 459 e 474 — 1898; *Cr. brasiliensis vittata*, Berg, Comunicaciones Ichthyol. del Mus. Nac. B. Aires, Tomo I, n. 5, pg. 169 (30-XII) — 1899; *Cr. multispinosa*, *Cr. strigata*, *Cr. marmorata*, *Cr. lugubris*, *Cr. cincta*, *Cr. ornata*, *Cr. lenticulata*, *Cr. johanna*, Regan, Proc. Zool. Soc., pgs. 164, 168, est. XV, figs. 1 e 2 — 1905; Rud. Ihering Rev. Mus. Paulista, vol. VII, pgs. 304 e 307 — 1907; Eigenm., Report Princet. Univ., vol. III, pt. IV, pg. 478 — 1910; *Cr. camelana*, Steind., Akad. Anz. Wien, pg. 369 — 1911; *Cr. camelana*, e as demais acima citadas em Regan, Regan., Annales & Mag. Nat. Hist., vol. XI, ser. 8 (Maio), pgs. 500, 503 e 504 — 1913.

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Pellegr., Mem. Soc. Zool. de France, vol. XVI, pg. 375 — 1903 (1904); *Batrachops semifasciatus*, Regan, Proceedings Zool. Soc. London, pg. 155 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 298 — 1907; Eigenm., Report. Princeton Univ., vol. III, pt. IV, pg. 477 — 1910.

**Batrachops reticulatus**, Heck. = *Batrachops reticulatus*, Heckel, Ann. Wiener Museums, vol. II, pg. 423 — 1840; *Crenicichla reticulata*, Günther, Cat., IV, pg. 309 — 1862; Eigenmann & Eigenmann, Pr., U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Batrachops reticulatus*, Goeldi, Bol. Mus. Paraense, vol. II, pg. 459 — 1898; *Crenicichla reticulata*, Pellegr., Mem. Soc. Zool. de France, XVI, pg. 378 — 1903 (1904); *Batrachops reticulatus* e *B. punctulatus*, Regan, Proceedings Zool. Soc. London., pgs. 155 e 156 — 1905; est. XIV, fig. 1, Rud. Ihering, Rev. Mus. Paulista, vol. 7<sup>o</sup>, pgs. 298 e 299; Eigenmann, Report Princeton Univ., vol. III, pt. IV, pg. 477 — 1910.

**Batrachops ocellatus** (Perugia) = *Boggiania ocellata*, Perugia, Ann. Museo Civ. Genova (2) XVIII, pg. 148 — 1897; Pellegrin, Mem. Soc. Zool. France, XVI, pg. 371 — 1903 (1904); *Batrachops ocellatus*, Regan, Proc. Zool. Soc. London., vol. 1905, pg. 154 — 1905; Rud. Ihering, Rev. do Museu Paulista, vol. VII, pg. 298 — 1907; Eigenm., Report Princet. Univ., vol. III, pt. IV, pg. 477 — 1910.

**Dicrossus maculatus**, Steind. = *Dicrossus maculatus*, Steindachner, Sitzungsber. Akad. Wien, Bd. LXXI, pg. 102 — 1875; Pellegr., Mem. Soc. Zool. France, XVI, pg. 170 — 1903 (1904); *Crenacara maculata*, Regan, Proc. Zool. Soc. London, pg. 153 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 297 — 1907; *Dicrossus maculatus*, Eigenm., Rept. Princeton Univ., vol. III, pt. IV, pg. 477 — 1910.

**Crenicara punctulata** (Günther) = *Acuri punctulata*, Günther, Annals & Mag. Nat. Hist., XII, pg. 441 — 1863; *Crenicara elegans*, Steindachner, Sitzungsber. Akad. Wien., LXXI, pg. 99 — 1875; Eigenm. & Bray., Ann. Acad. N. York, VII, pg. 619 — 1894; Pellegr., Mem. Soc. Zool. de France, XVI, pg. 169 — 1903 (1904); *Crenicara punctulata*, Regan, Proceedings Zool. Soc. London, vol. 1 — 1905, pg. 152 — 1905; *Crenicara punctulata*, Rud. Ihering., Rev. Mus. Paulista, vol. VII, pg. 296 — 1907; Eigenmann, Report Princeton Univ., vol. III, pt. IV, pg. 477 — 1910.

**Retroculus lapidifer** (Casteln.) = *Chromis lapidifera*, Casteln., Anim. Nouv. etc., Poiss., pg. 16 — 1855; Günther, Cat., vol. IV, pg. 276 (parte) — 1862; *Chromis lapidifera*, Steindl., Sitzungsber. Akad. Wien, LXXI, pg. 122 — 1875; *Geophagus (Satanoperca) lapidifera*, Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Retroculus boulengeri*, Eigenm. & Bray, Ann. Acad. N. York., VII, pg. 614 — 1894; *Retroculus boulengeri* e *Geophagus lapidifer*, Pellegr., Mem. Soc. Zool. France, pgs. 181 e 199 — 1903 (1904); *Retroculus lapidifer*, Regan, Ann. & Mag. Nat. Hist., vol. 17, ser. 7, pgs. 49 e 50 — 1906; Rud. Hering, Rev. Mus. Paulista, vol. VII, pg. 325 — 1907; Eigenmann, Report. Princeton Univ., vol. III, pt. IV, pg. 478 — 1910.

**Acaropsis nassa** (Heckel) = *Acará nassa*, *A. cognatus* e *A. unicolor*, Heckel, Ann. Wiener Museums, vol. II, pgs. 353, 356 e 357 — 1840; *Centrarchus cyanopterus*, Schomb., Fish Guiana, parte II, pag. 165, est. XVI — 1852; *Acará nassa*, Günther, Cat., IV, pg. 281 — 1862; *Acará (Acaropsis) nassa*, Steindl., LXXI Bd. Sitzber. Akad. Wien, Beitr. Chrom. Amas. Stromes, pg. 20 — 1875; *Acaropsis nassa*, Eigenm. & Eigenmann, Pr. U. S. Fish. Comm, vol. XIV, pg. 68 — 1891; Eigenmann & Bray, Ann. N. Y. Acad. Sci., vol. VII, pg. 613 — 1894; *Acará nassa* Goeldi, Bol., Mus. Paraense, pg. 456 — 1898; *Acaropsis nassa*, Pellegr., loc. cit., pg. 207 — 1902; Regan, Ann. & Mag. Nat. Hist., ser. 7, vol. XV, pgs. 345 e 346 — 1905; Rud. Hering., Rev. Mus. Paulista, vol. VII, pg. 307 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. IV, pg. 470 — 1910.

**Æquidens minutus** (Hensel) = ? *Acará gymnopoma*, Günther, Cat., IV, pg. 278 — 1862; *Acará minuta* Hensel, Beitr. z. Kenntniss Wirbelthiere Sud Brasiliens (Archif. f. Naturg. 36 Harg.), pg. 53 — 1870; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., pg. 68 — 1891.

**Æquidens obscurus** (Casteln.) = *Chromis obscura*, Castelnau, Animaux Nouveaux, etc., Poissons, pg. 14, est. 6, fig. 3 — 1855; *Acará obscura*, Günther, Cat., IV, pg. 281 — 1862; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 68 — 1891.

**Æquidens dorsiger** (Heck.) = *Acará dorsiger*, Heckel, Ann. Wiener Museums, II, pg. 348 — 1840; Günther, Cat., IV, pg. 280 — 1862; Eigenm. & Eigenm., Boll. U. S. Nat. Mus., vol. IV, pg. 68 — 1891.

**Æquidens freniferus** (Cope) = *Acará freniferus* Cope, Proc. Acad. Nat. Sci. Philad., pg. 225 — 1871; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV — 1891.

**Æquidens vittatus** (Heckel) = *Acará vittata*, Heckel, Ann. Wiener Museums, vol. II, pg. 346 — 1840; ? *Hoplarchus planifrons*, Kaup, Archif. f. Naturgeschichte, vol. 26, pg. 131 — 1860; Günther, Cat., IV, pg. 279 — 1862; *Acará sypsilus*, Cope, Proc. Acad. Nat. Sci. Philad., pg. 255, est. XI, fig. 3 — 1872; *Acará thayeri*, *A. vittata* Steind., Sitzungsber. Akad. Wien, vol. LXXI, pgs. 68 e 72, est. I, fig. 2 e est. III, fig. 1 — 1875; *Acará vittata*, *A. sypsilus*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 68 — 1891; *Acará vittatus*, Goeldi, Bol. Mus. Par., vol. II, pg. 453 — 1898; *Æquidens paraguayensis*, Eigenm. & Bray, Am. Acad. Nat. Sci. Philad., n. 56, pg. 534 — 1894; *Æquidens sypsilus*, *Æ. paraguayensis*, Pellegr., loc. cit., pgs. 138, e 139 — 1902; *Æquidens paraguayensis*, Eigenm., Mc Atce & Ward, Ann. Carnegie Museum, vol. IV, n. II, pg. 144, est. XLIV, fig. 2 — 1907; *Acará vittata* e *Acará thayeri*, Regan, Ann. & Mag. Nat. Hist., ser. VII, vol. XV, pgs. 333 e 342 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pgs. 310 e 312 — 1907; *Æquidens paraguayensis*, *Æ. vitale* e *Æ. thayeri*, Eigenm., Rep. Princet. Univ., vol. III, pt. IV, pg. 472 — 1910.

**Æquidens tetramerus** (Heck) = *Acará tetramerus*, *A. viridis*, *A. diadema*, *A. pallidus*, *A. dimerus*, Heckel, Ann. Wiener Museums, vol. II, pgs. 341, 343, 344, 347 e 351 — 1840; *Chromis uniozellata*, Casteln., Anim. Nouv. etc., Poiss., pg. 15, est. VI, fig. 1 — 1855; *Acará tetramerus*, *A. viridis*, *A. pallidus*, *A. uniozellatus* e *A. dimerus* Günther, Cat., IV, pgs. 277, 280 e 281 — 1862; *Acará flavilabris*, Cope, Pr. Ann. Philos. Soc., pg. 570 — 1870; *Acará portalegrensis*, Hensel, Archif. f. Naturg., 36 Jharg., pg. 52 — 1870; *Acará tetramerus* e *A. flavilabris*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 255, est. XI, fig. 4 — 1872; *Acará tetramerus*, Steindachner, Beitr. z. Kenntniss Chrom. Amas. Stromes, pg. 5, Sitzber. Akad. Wien, LXXI Bd. — 1875; *Acará flavilabris*, Cope, Pr. Amer. Philos. Soc., pg. 698 — 1876; *Acará tetramerus*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 68 — 1891; *Astronotus* (*Æquidens*) *tetramerus*, Eigenm. & Bray, Ann. N. Y. Acad. of Sci., vol. VII, pg. 617 — 1894; *Acará tetramerus*, *A. viridis*, *A. diadema*, *A. pallidus*, *A. dimerus*, Goeldi, Bol. Mus. Paraense, vol. II, pgs. 452, 453 e 473 — 1898; *Astronotus portalegrensis*, von Ihering. Os peixes d'agua-doce do Rio Grande do Sul,

pg. 27 — 1897; *Æquidens tetramerus* Eigenm. & Kennedy, Pr. Acad. Nat. Sci. Philad., n. 56, pg. 534 — 1903; *A. partalegrensis*, Pellegr., loc. cit., pg. 137 — 1902; Regan, Ann. & Mag. Nat. Hist., ser. VII, vol. XV, pg. 341 — 1905; Rud. Hering, Rev. do Mus. Paulista, vol. VII, pg. 311 — 1907; Eigenm., Report. Princet. Univ., vol. III, pg. 472 — 1910.

**Æquidens sub-ocularis** (Cope) = *Gephyagus thayeri*, Steind., Sitzungsber. Akad. Wien LXXI, pg. 108, est. III, fig. 2 — 1875; *Acará sub-ocularis*, Cope, Proc. Am. Philos. Soc., XVII, pg. 696 — 1878; *Gephyagus thayeri*, Pellegr., Mem. Soc. Zool. France, XVI, pg. 189 — 1903 (1904); *Acará sub-ocularis*, Regan, Annals & Mag. Nat. Hist., ser. VII, vol. XV, pg. 557 — 1905; Rud. Hering, Rev. Mus. Paulista, vol. VII, pg. 311 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. IV, pg. 472 — 1910.

**Astronotus ocellatus** (Agass.) = *A. ocellatus* Peixes, est. XI, Alexandre Rodrigues Ferreira — 1783-93; *Lobotes ocellatus*, Agass. in Spix, Pisc. Bras., pg. 129, est. 68 — 1829; *Astronotus ocellatus*, Swainson, Nat. Hist. Fish. Amph. Rept., vol. II, pg. 229 — 1839; *Acará crassispinis*, Heckel, Fluss-Fische etc., Ann. Wiener Museums, II, pg. 357 — 1840; *Cichla rubro-ocellata*, Schomb., Fishes Guiana, II, pg. 153, est. X — 1852; *Hydrogonus ocellatus*, Günth, Cat., IV, pg. 303 — 1862; *Acará compressus*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 256 — 1872; *Acará ocellata*, Steind., LXXI Bd., Sitzber. Akad. Wien, Beitr. z. Kenntn. Chrom. Amaz. Stromes, pg. 17 — 1875; *Astronotus hypostictus*, Cope, Ann. Philos. Soc. — 1877; *Astronotus ocellatus*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 68 — 1891; Eigenm. & Bray, Ann. N. Y. Acad. Sci., vol. VII, pg. 617 — 1894; *Acará ocellata* e *Hydrogonus ocellatus*, Goeldi, Bol. Mus. Paraense, vol. II, pgs. 454 e 474 — 1898; *Astronotus ocellatus* e *A. hypostictus*, Pellegrin, loc. cit., pg. 147 — 1902; Régan, Ann. & Mag. Nat. Hist., ser. VII, vol. XV, pg. 347 — 1905; Rud. Hering, Rev. Museu Paulista, vol. VII, pg. 313 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 470 — 1910.

**Cichla ocellaris** Bl. & Schn. = *Cichla ocellaris*, Bl. & Schn., pg. 340, est. 66 — 1801; *Cinla monoculus*, Agass., Spix, Pisces Bras., pg. 100, ests. 63 e E — 1829; Cuv., Règne Anim. (II), pg. 279 — 1829; *Cichla orinocensis*, *Cichla atabapensis*, *Cichla argus*, Val.in Humboldt, Ob. Zool. II, pgs. 167, 168 e 169, est. XLV, fig. 3 — 1833; *Cichla monoculus*, Heck., Ann. Wiener Mus., II, pg. 411 — 1840; *Cichla nigro-maculata*, *Cichla*



*argus*, *C. trifasciata* Schomb., Fishes B. Guiana, II, pgs. 151, 147, 149 e 197—1843, ests. VII, VIII, IX XXVI; *Cichla orinocensis*, *Acharnes speciosus*, Müll. & Tr., Schomb, Guiana Reise, III, pg. 625 e Horae — Ichthyol., pg. 27, est. V, fig. 3—1849; *Cichla tucunarai*, Casteln. Anim. Nouv. etc., pg. 17, est. 10, fig. 1—1855; *Acharnes speciosus*, Günther, Cat., IV, pg. 369—1862; *Cichla oculata*, Günther, Cat., pg. 304, IV—1862; *Cichlaorinocensis*, Günther, op. cit., pg. 309—1862; Cope, Proc. Amer. Philos. Soc., pg. 697—1878; Steind., Beitr. Kenntn. Flussfische Sud-Am., IV, Denkschrift Akad. Wien, XLVI Bd., pg. 3, est. 1, fig. 2—1882; Eigenmann & Eigenmann, Proc. U. S. Nat. Mus., vol. XIV, pg. 69—1891; Eigenmann & Bray, Ann. New-York Acad. Sci., vol. VII, pg. 611—1894; Göldi, Bol. do Museu Paraense, vol. II, pgs. 468, 469 e 474—1898; *Cichla ocellaris*, var. *argus*, Pellegrin, Bull. Mus. Paris, pg. 183—1902; *Cichla ocellaris*, Régan, Annals & Mag. Nat. Hist., ser. VII, vol. XVII, pg. 232—1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, 292—1907; *C. ocellaris*, Eigenmann, Rep. Princet. Univ. Exped., vol. III, pt. IV, pg. 469—1910.

***Cichla temensis*** Humb. = *C. temensis* Peixes, est. IX, Alexandre Rodrigues Ferreira “Desenhos de Indios” etc.; *Cichla temensis*, Humboldt, Obs., Zool. II, pg. 169—1811; *Cichla temensis* e *C. tucunaré*, Heckel, Bras. Fluss Fische, Ann. Wiener Mus., pg. 443—1840.

***Cichla flavomaculata*** Schomb. = *Cichla flavomaculata*, Fishes Guiana, II, pg. 145, est. VI—1843; *Cichla conibos*, Casteln. Anim. Am. Sud. Poiss., pg. 18, est. X, fig. 3—1855; *Cichla temensis* e *C. conibós* Günther, pgs. 304 e 305, Cat., IV—1862; Steindachner Denkschrift Acad. Wien, XLVI Bd., pg. 3, est. 1, fig. 3—1882; Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. XIV, pg. 69—1891; Eigenmann & Bray, Ann. N. Y. Acad. Sci., vol. VII, pgs. 611 e 612—1894; *Cichla tucunaré* e *C. temensis*, Goeldi, Bol. Mus. Paraense, pgs. 469 e 474—1898.

***Cichla temensis***, Pellegr. Mem. — *C. temensis*, Soc. Zool. France, XVI, pg. 185—1903 (1904); Régan, Annals & Mag. Natural History, vol. XVII, ser. 7—1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 292—1907; Eigenm., Rep. Univ. Exped., vol. III, pt. IV, pg. 469—1910.

***Geophagus surinamensis*** (Bl.) = *Sparus surinamensis*, Bl., Ichthyol., VIII, pg. 89, est. 277, fig. 2—1797; *Geophagus allifrons* e *G. megasema*,

Heck., Ann. Wiener Museums, vol. II, pgs. 385 e 388 — 1840; *Geophagus surinamensis*, Müll. & Trosch., in Schomb. Reise in Guiana, III, pg. 625 — 1848; *Chromis proxima*, Casteln., Anim. Nouv. ou Râres etc., Poiss., pg. 14, est. 7, fig. 1 — 1855; *Satanoperca proxima* e *Geophagus surinamensis*, Günther, Cat., IV, pgs. 314 e 315 — 1862; *Geophagus surinamensis*, Eigenmann & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 71 — 1891; Eigenmann & Bray, Ann. N. Y. Acad. Sci., vol. VII, pg. 622 — 1894; Goeldi, Bol. Mus. Paraense, vol. II, pgs. 453 e 474 — 1898; Pellegr., Mem. Soc. Zool. France, XVI, pg. 198 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pg. 55 — 1906; Rud. Ihering, Rev. Mus. Paulista., vol. VII, pg. 317 — 1907; Eigenmann, Report Princet. University Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus acuticeps** Heck. = *Geophagus acuticeps*, Heckel, Ann. Wiener Museums, vol. II, pg. 394 — 1840; *Satanoperca acuticeps*, Günther, Cat., IV, pg. 312 — 1862; *Geophagus (Satanoperca) acuticeps*, Steind., Beitr. Kenntn. Chromid Am. Stromes, pg. 57, Sitzungsber. Akad. Wien, vol. LXXI — 1875; Eigenm., Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Geophagus acuticeps*, Eigenmann & Bray, Ann. N. Y. Acad. Sci., vol. VII, pg. 622 — 1894; *Geophagus acuticeps*, Pellegr., Mem. Soc. Zool. de France, XVI, pg. 191 — 1903 (1904); Régan., Ann. & Mag. Nat. Hist., vol. XVII, ser. 7<sup>a</sup>, pg. 60 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 321 — 1907; *Satanoperca acuticeps*, Eigenm., Report. Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus dæmon** Heck. = *Geophagus dæmon*, Heckel, Ann. Wien. Mus., II, pg. 389 — 1840; *Satanoperca dæmon*, Günther, Cat., IV, pg. 313 — 1862; Seind., Sitzungsber. Akad. Wien, LXXI, pg. 118 — 1875; Pellegr., Mem. Soc. Zool. France, XVI, pg. 197 — 1903 (1904); Régan, Ann. & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pg. 59 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, 320 — 1907; Eigenm., Report Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus cupido** (Heck.) — *Geophagus cupido*, Heckel, Ann. Wiener Museums, II, pg. 399 — 1840; *Mesops cupido*, Günther, Cat., IV, pg. 311 — 1862; *Geophagus cupido*, Steind., Beitr. Chrom. Amaz. Stromes, pg. 47, Sitzgsber. Akad. Wien, vol. LXXI — 1875; Cope, Ann. Philos. Soc., pg. 697 — 1878; Eigenmn. & Eigenm., Proc. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; Eigenm. & Bray, Ann. N. Y. Acad. of Sci.,

vol. VII, pg. 621 — 1894; *Geophagos cupido*, Pellegrin, Mem. Soc. Zool. France, vol. XVI, pg. 189 — 1903 (1904); Régan, Annals. & Mag. Nat. Hist., vol. XVII, pg. 54 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 317 — 1907; Eigenmann, Report Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus brachyurus** Cope = *Geophagus brachyurus*, Cope, Proc. Am. Philos. Soc., XXXIII, pg. 105, est. IX, fig. 18 — 1894; Pellegr., Mem. Soc. Zool. de France, XVI, pg. 195 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pg. 54 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. 7<sup>o</sup>, pg. 316 — 1907; Eigenmann, Rept. Princet. Univ., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus jurupari** Heck. = *Geophagus jurupari*, Heckel, Ann. Wiener Museums, vol. II, pg. 392 — 1840; *Geophagus jurupari* e *Geophagus leucostictus*, Müll. & Trosch, Reise in B. Guiana, pg. 625 — 1848; *Satanoperca jurupari*, *S. macrolepis* e *S. leucostictus*, Günther, Cat., vol. IV, pgs. 313 e 314 — 1862; *Geophagus jurupari*, Cope, Proc. Philad., XXIII, pg. 251 — 1872; Steindachner, Sitzungsber. Akad. Wien, vol. LXXI, pg. 120 — 1875 e Denkschrift Akad. Wien, XLVI, pg. 2 — 1883; *Geophagus (Satanoperca) jurupari* Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 71 — 1891; *Geophagus jurupari*, Eigenm. & Bray., Ann. of N. Y. Acad. of Sci., vol. VII, pg. 622 — 1894; *Satanoperca jurupari*, Goeldi, Bol. Mus. Paraense, vol. II, pgs. 453 e 475 — 1898; *Geophagus jurupari*, Pellegr., Mem. Soc. Zool. France, XVI, pg. 195 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., vol. XVII, ser. 7<sup>a</sup>, pg. 56 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. 7<sup>o</sup>, pg. 319 — 1907; Eigenmann, Report, Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus papaterra**, Heck. = *Geophagus papaterra* Heckel, Ann. Wiener Museums, vol. II, pg. 396 — 1840; *Satanoperca papaterra*, Günth, Cat., IV, pg. 313 — 1862; *Geophagus (Satanoperca) papaterra*, Steindachner, Sitzungsber. Akad. Wien, pg. 120, vol. LXXI — 1875; *Geophagus (Satanoperca) papaterra*, Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Geophagus papaterra*, Goeldi, Bol. Mus. Paraense, vol. II, pg. 463 — 1898; *Geophagus papaterra*, Eigenmann & Kennedy, Pr. Acad. Nat. Sci. Philad., pg. 536 — 1903; Pellegr., Mem. Soc. Zool. France, XVI, pg. 192 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pg. 59 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 320

— 1907 — *Satanoperca papaterra*, Eigenmann, Report Princet Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Geophagus brasiliensis** (Quoy & Gm.) = *Chromis brasiliensis*, Quoy & Gmard, Voy. Uran., Zool., Poiss., pg. 286 — 1824; *Geophagus brasiliensis*, Kner, Fishes Novara Reise, pg. 266, est. X, fig. 3 — 1865; *Chromis unipunctata*, *Cr. unimaculata*, Casteln., Anim. Nouv. etc., Poiss., pg. 13, est. VII, fig. 2 e est. VIII, fig. 2 — 1855; *Acará brasiliensis* e *A. unipunctata*, Günther, Cat., IV, pgs. 278 e 283 — 1862; *Geophagus brasiliensis*, *G. rhabdotus*, *G. gymnogenys*, *G. bucephalus*, *G. labiatus*, *G. scymnophilus*, e *G. pygmæus*, Hensel, Archiv für Naturg., vol. 36, pgs. 59 á 65 — 1870; *Geophagus brasiliensis*, Steind., Süßwasserfische Südöstlichen Brasiliens, pg. 13, ests. 2 e 3, Sitzungsber. Akad. Wien, vol. LXX — 1874; *Geophagus brasiliensis*, *G. rhabdotus*, *G. gymnogenys*, *G. bucephalus*, *G. labiatus*, *G. scymnophilus* e *G. pygmæus*, Eigenm., & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 71 — 1891; *Geophagus scymnophilus* e *Geophagus brasiliensis*, Eigenmann & Bray, Ann. N. Y. Acad. of. Sci., vol. VII, pgs. 622 e 623 — 1894; *Geophagus brasiliensis*, Eigenm. Ann. N. Y. Acad. Sci., vol. VII, pg. 637 — 1894; *Geophagus brasiliensis*, *G. gymnogenis*, Ihering, Os Peixes d'agua-doce do Rio Grande do Sul, pg. 27 — 1897; *G. gymnogenis* et *G. brasiliensis* Pellegrin, Mem. Soc. Zool. France, XVI, pg. 194 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pgs. 53 e 57 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pgs. 316 e 318 — 1907; Eigenmann, Report, Princet Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Heterogramma agassizii** (Steind.) = *Geophagus (Mesops) agassizi*, Steindachner, Sitzungsber. Akad. Wien, LXXI, Bd. I e II, Heft., pg. 111, est. VIII, figs. 2, 2<sup>a</sup> e b — 1875; *Biotodoma agassizi*, Pellegr., Mem. Soc. Zool. France, XVI, pg. 187 — 1903 (1904); *Heterogramma agassizi*, Regan, Annals & Mag. Nat. Hist., vol. XVII, ser. 7<sup>a</sup> — 1906; Rud. Ihering, Rev. do Mus. Paulista, vol. VII, pg. 323 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 468 — 1910.

**Heterogramma tæniatum** (Günther) = *Mesops tæniatus*, Günther, Cat., IV, pg. 312 — 1862; *Geophagus amoenus*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 250 — 1872; Eigenmann & Eigenmann. Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; *Mesops tæniatus*, Boul., Bol. Mus. Torino, X, n. 196 — 1895; *Heterogramma tæniatum* e *H. borelii*,

Regan, *Annals & Mag. Nat. Hist.*, ser. VII, vol. XVII, pgs. 61 e 63 — 1906; Rud. Ihering, *Rev. Mus. Paulista*, vol. VII, pgs. 322 e 323 — 1907; Eigenmann & Ward, *Annals of the Carnegie Museum*, vol. IV, n. II, pgs. 146 e 147 — 1907; Eigenm., *Report. Princet. Univ.*, vol. III, pt. IV, pg. 478 — 1910.

**Heterogramma trifasciatum** (Eigenm. & Kennedy) = *Mesops læniatus*, Boul., *Boll. Mus. Tor.*, X, 196, pg. 33 — 1895; *Biotodoma trifasciatum*, Eigenmann & Kennedy, *Proc. Acad. Nat. Sci. Philad.*, vol. LV, pg. 536 — 1903; Pellegr., *Mem. Soc. Zool. de France*, XVI, pg. 188 — (1904); *Heterogramma trifasciatum*, Regan, *Ann. & Mag. Nat. Hist.*, ser. 7<sup>a</sup>, vol. XVII, pg. 65 — 1906; Rud. Ihering, *Rev. Mus. Paulista*, 324 — 1907; Eigenm. & Ward, *Ann. Carnegie Mus.*, vol. IV, n. II, pg. 145, est. XLV, fig. 2 — 1907; Eigenm., *Report. Princet. Univ. Exped.*, vol. III, pt. IV, pg. 478 — 1910.

**Heterogramma corumbæ**, Regan, = *Mesops læniatus* (pt.) Boulenger, *Bol. Mus. Torino*, X, pg. 33 — 1895; *Heterogramma combæ*, Regan, *Annals & Mag. Nat. Hist.*, ser. 7<sup>a</sup>, vol. XVII, pg. 64 — 1906; Rud. Ihering *Rev. do Museu Paulista*, vol. VII, pg. 324 — 1907; *Heterogramma corumbæ*, Eigen Mc. Actee & Ward, *Annals of the Carnegie Museum*, vol. IV, n. II, pg. 146, est. XLV, fig. 3 — 1907.

**Biotæcus opercularis** (Steindachner) = *Saraca opercularis*, Steindachner, *Sitzungsber. Akad. Wien*, LXXI, Bd. I e II Heft, pg. 125 — 1875; *Biotæcus opercularis*, Eigenmann & Kennedy, *Proc. Acad. Nat. Sci. Philad.*, vol. LV, pt. II, pg. 533 — 1903; Pellegr., *Mem. Soc. Zool. de France*, XVI, pg. 199 — 1903 (1904); Regan, *Annals. & Mag. Nat. Hist.*, vol. XVII, serie 7<sup>a</sup>, pg. 65 — 1906; Rud. Ihering, *Rev. Mus. Paulista*, vol. VII, pg. 325 — 1907; Eigenmann, *Report Princet. Univ. Exped.*, vol. III, pte. IV, pg. 479 — 1910.

**Chætobranchus flavescens**, Heck. = *Chætobranchus flavescens* e *C. brunneus*, Heckel, *Ann. Wien. Mus.*, II, pgs. 402 e 405 — 1840; *Chromis ucuyalensis*, Casteln, *Anim. Nouv. ou Râres*, etc., *Poiss.*, pg. 15, est. VI, fig. 2 — 1855; *C. flavescens*, *C. brunneus* e *C. robustus*, Günther, *Cat.*, vol. IV, pg. 410 — 1862; *Geophagus badiipinnis*, Cope, *Pr. Academ. Nat. Sci. Philad.*, pg. 251, est. XI, fig. 1 — 1871; *Chætobranchus flavescens*, Steind, *Sitzungsber. Akad. Wien*, LXXI, B, pg. 128, est. VI — 1875; Eigenmann & Eigenmann, *Pr. U. S. Nat. Mus.*, vol. XIV, pg. 70 — 1891; Eigenmann & Bray, *Ann. New-York*

Akad. of Sci., vol. VII, pg. 610 — 1894; *Chaetobranchius robustus, brunneus*. Göldi, Bol. Museu Paraense, II, pgs. 452, 473 e 474 — 1898; *Geophagus badiipinis*, Pellegrin, Mem. Soc. Zool. de France, XVI, pg. 201 — 1904; *Chaetobranchius flavescens*, Régan, Ann. & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pgs. 234 e 235 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 294 — 1907; Eigenmann, Report Princet. Univ., vol. III, parte IV, pg. 469 — 1910.

**Chaetobranchius semifasciatus**. Steind, = *Chaetobranchius semifasciatus*, Steindachner Sitzungsber, Akad. Wien, Bd., LXXI, pg. 130, est. VII — 1875; Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; Eigenmann & Bray, Ann. N. Y. Acad. of Sci., vol. VII, pg. 610 — 1894; Pellegrin, Mem. Soc. Zool. de France, XVI, pg. 201 — 1903 (1904); Regan, Annals and Magaz. Natural History., ser. VII, vol. XVII, pgs. 234 e 235 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pgs. 294 e 295 — 1907; Report Princet. Univ. Exped., vol. IV, pg. 469 — 1910.

**Chaetobranchopsis orbicularis**, Steind, = *Chaetobranchoides orbicularis*, Steind., Chrom. Amaz. Stromes, pg. 73. Sitzungsber. Akad. Wien, LXXI, Bd. — 1875; Eigenmann & Eigenmann, Pr. U. S. Nat. Mus., vol. XIV, pg. 70 — 1891; Eigenmann & Bray, Ann. New-York Academ. of Sci., vol. VII, pg. 610 — 1894; Pellegrin, Mem. Soc. Zool. de France, XVI, pg. 202 — 1903 (1904); Regan, Annals and Magz. Nat. Hist., ser. 7<sup>a</sup>, vol. XVII, pg. 236 — 1906; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 295 — 1907; Eigenmann, Report Princet. Exped., vol. III, pt. IV, pg. 469 — 1910.

**Chaetobranchopsis australis**, Eigenmann & Ward. = *C. australis*, Annals Carnegie Museum, vol. IV, n. II, pg. 144, e est. XLIV, fig. 1 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. III, pg. 469 — 1910.

**Pterophyllum scalare** (Cuv. & Val.) = *Platax scalaris*, Cuv. & Val., H. Nat. Poiss., vol. VII, pg. 177 — 1831; *Pterophyllum scalaris*, Heckel, Ann. Wiener Museums, vol. II, pg. 335 — 1840; *Plataxoides dumerilii*, Casteln., Anim. Nouv. etc., Poiss. pg. 21, est. 11, fig. 3 — 1855; *Pterophyllum scalare*, Günth., Cat., IV, pg. 316 — 1862; Kner, Sitzungsber. Akad. Wien, vol. XLVI, pg. 295, est. I, fig. 1 — 1862; Steindachner, Sitzungsber. Akad. Wien., LXXI, pg. 136 — 1875; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV — 1891; *Pterophyllum scalaris*, Eigenm. & Bray, Ann. N. York Akad. of Sci.,

vol. VII, pg. 624 — 1894; Goeldi, Bol. Mus. Paraense, vol. II, pg. 457 — 1898; Pellegrin, Mem. Soc. Zool. de France, XVI, pg. 251 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., ser. 7<sup>a</sup>, vol. XVI, pg. 441 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 334 — 1907; Regan, Report Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Cichlasoma festivum** (Heck.) = *Heros festivus* e *H. insignis*, Heckel, Ann. Wien. Mus., pgs. 375 e 379 — 1840; *Chromys acorá*, Casteln., Anim. Nouv. ou Rares, etc., pg. 17, est. IX, fig. 1 — 1885; *Mesonauta insignis*, Günther, Cat., IV, pg. 300 — 1862; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 69 — 1891; *Heros festivus* e *Mesonauta insignis*, Goeldi, Bol. Mus. Paraense, vol. II, pgs. 452, 453, 454 e 475 — 1898; *Mesonauta festivus*, Eigenm. & Bray, Ann. N. Y. Acad. of Sci., vol. VII, pg. 619 — 1894; *Cichlasoma insigne*, Pellegrin, Mem. Soc. Zool. de France, vol. XIV, pg. 221 — 1903 (1904); *C. festivum*, Regan, Annals. & Mag. Nat. History, vol. XVI, pgs. 63 e 69 — 1905; Rud. Ihering, Rev. do Mus. Paulista, vol. VII, pg. 332 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 473 — 1910.

**Cichlasoma spectabile** (Steind.) = *Petenia spectabilis*, Steindachner, Sitzungsber. Akad. Wissenschaft zu Wien, LXXI Bd., I. Heft II, pg. 96, est. IV — 1875; Eigenm. & Bray, Ann. Acad. N. York, VII, pg. 615 — 1894; Pellègrin, Mém. Soc. Zool. de France, XVI, pg. 244 — 1903 (1904); *Cichlasoma spectabile*, Régan, Ann. & Mag. Nat. History, vol. XVI, ser. 7<sup>a</sup>, pgs. 67 e 339 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 328 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. IV, pg. 467 — 1910.

**Cichlasoma bimaculatum** (L.) = *Acará*, Marcgr., Hist. Nat. Bras. Pisc., pg. 168 — 1648; Piso, Hist. Nat. Med., pg. 67 — 1658; *Labrus 87*, *Sparus 223* Gronow, Mus. Ichthyol., pg. 36 — 1754 e Zoophyl., pg. 64, est. V, fig. 4 — 1763; *Sciæna bimaculata* e *S. punctata*, Linnæus, Mus. Ad. Fred. I, pg. 66 — 1754; *Labrus bimaculatus* e *L. punctatus*, L., Syst. Nat., pg. 285 — 1758; *Perca bimaculata*, Bl., IX pte., pg. 82, est. 310, fig. 1 — 1797; *Labrus punctatus* Bl., est. 295, IX pt. — 1797; *Cichla bimaculata* e *L. punctatus* Bl. & Schn., pg. 338 — 1801; *Chromis lænia*, Benet., Pr. Zool. Soc., vol. 1, pg. 112 — 1830; *Acará margarita*, *A. punctatus*, *A. lænia* e *A. gronovii*, Heck., Ann. Wiener Mus., II, pgs. 338, 360 e 361 — 1840; *Chromis lænia*, Storer, Mem.

Amer. Acad., II, pg. 520 — 1846; *Cichlasoma taenia* Gill, Fishes Trinidad, pg. 23 — 1858; *Acará bimaculatus*, Günth., Cat., IV, pg. 276 — 1862; Steindl., Sitzber. Akad. Wien, LXXI Bd., Chrom. Amaz. Stromes, pg. 22 — 1875; *Cichlasoma bimaculata*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 68 — 1891; Eigenm. & Bray, Ann. N. York Akad. of Sci., pg. 618, vol. VII — 1894; *Acará margarita*, Goeldi, Bol. Mus. Paraense, vol. II, pg. 453 — 1898; Pellegr., Mem. Soc. Zool. de France, XVI, pg. 204 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., vol. XVI, ser. 7<sup>a</sup>, pgs. 63 e 68 — 1905; Rud. Ihering, Rev. do Museu Paulista, vol. VII, pg. 331 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. IV, pg. 473 — 1910; Idem, Mem. Carneg. Mus., V, pg. 495 — 1912.

**Cichlasoma coryphaenoides** (Heck.) = *Heros coryphaenoides* e *H. niger*, Heckel, Ann. Wiener Museums, II, pgs. 373 e 375 — 1840; *Heros coryphaenoides*, Günther, Cat., IV, pg. 296; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 69 — 1891; *Heros coryphaenoides* e *H. niger* Goeldi, Bol. Mus. Paraense, vol. II, pgs. 453 e 474 — 1898; *Cichlasoma coryphaenoides*, Pellegr., Mem. Soc. Zool. de France, XVI, pg. 219 — 1904; Regan, Annals & Mag. Nat. Hist., vol. XVI, ser. 7<sup>a</sup>, pgs. 63 e 74 — 1905; Rud. Ihering, Rev. do Museu Paulista, vol. VII, pg. 330 — 1907; Eigenm., Report. Princet., Univ., vol. III, pt. IV, pg. 473 — 1910.

**Cichlasoma temporale** (Günther) = *Heros temporalis*, Günther, Cat., IV, pg. 287 — 1862; *Heros (Acará) crassus*, Steindl., Sitzungsberichte Akad. Wien, LXXI, Chrom. Amaz. Stromes, pg. 88 — 1875; *Heros crassus*, Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. 14, pg. 69 — 1891; *Heros goeldii*, Boul., Ann. & Magasin of Nat. Hist., XX — pg. 298 — 1897; Goeldi, Bol., Mus. Paraense, vol. II, pgs. 452 e 473, est. 1, fig. 2 — 1898; *Cichlasoma temporale*, Pellegr., Mem. Soc. Zool. France., XVI, pg. 218 — 1903 (1904); Regan, Annals & Mag. Nat. Hist., vol. XVI, ser. 7<sup>a</sup>, pgs. 63 e 73 — 1905; Rud. Ihering, Rev. do Mus. Paulista, vol. VII, pg. 329 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 473 — 1910.

**Cichlasoma oblongum** (Casteln.) = *Chromis oblonga*, Casteln., Anim. Nouv. ou Râres etc., Poiss., pg. 14 — 1855; *Heros oblongus*, Günther, Cat., IV, pg. 299 — 1862; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 69 — 1891; *Cichlasoma oblongum*, Pellegr., Mem. Soc. Zool. de France, XVI, pg. 236 — (1904); Rud. Ihering, Rev. do Mus.



Paulista, vol. VII, pg. 334—1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 473—1910.

**Cichlasoma facetum** (Jenyns) = *Chromis facetus*, Jenyns, Zool. Beagle Fishes, pg. 104—1842; *Heros facetus* e *Heros autochton*, Günther, Cat., IV, pgs. 290 e 299—1862; *Heros jenynsii*, *H. facetus*, Steindl., Ichthiol. Not., IX, pg. 3, est. II, Sitzungsber. Akad. Wien—1869; *Acará autochton*, Steindl., SW. Fische So. Bras., pg. 4, est. I, LXX Bd. Situngsber Akad. Wien—1874; *Heros facetus*, *H. autochton* e *H. acaroides* Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pgs. 68 e 69—1891; *Heros autochton*, Kner, Novara, Expedition-Fische, pg. 265; *Heros acaroides*, Hensel, Wirbelthiere Süd Bras. Archif f. Naturgesch, Jharg. 36, vol. I, pg. 54; *Cichlasoma facetum* facetum Pellegrin, Mem. Soc. Zool. France, vol. XVI, pg. 217—1903 (1904); *C. facetum* e *C. autochton*, Regan, Annals & Mag. Nat. Hist., vol. XVI, ser. 7ª, pgs. 63, 70 e 71—1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pgs. 332 e 333—1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 473—1910.

**Cichlasoma severum** (Heck.) = *Acará severus*, *A. coryphaeus*, *A. modestus*, *A. spurius* e *A. severus*, Heckel, Ann. Wiener Mus., vol. II, pgs. 362, 366, 368 e 372—1840; *Chromis appendiculata* e *C. fasciata* Casteln., Anim. Nouv. etc., Poiss., pg. 15, est. 7, fig. 3—1855; *Heros spurius* e *H. efasciatus*, Günther, Cat., IV, pgs. 293 e 294—1862; *Uarús centrarchoides*, Cope, Pr. Acad. Nat. Sci. Philad., pg. 253, est. XI, fig. 2—1862; *Heros spurius*, Steindl. SW., Fische S. Brasiliens, pg. 9, est. IV—Sitzungsber. Akad. Wien, LXIX—1874; *Heros severus* e *H. efasciatus* Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pgs. 68 e 69—1891; *Astronotus (Cichlasoma) severus*, Eigenm. & Bray, Ann. N. York Acad. Sci., vol. VII, pg. 619—1894; *Heros modestus*, Göldi, Bol. Mus. Paraense, vol. II, pg. 453; *Cichlasoma severum*, Regan, Ann. & Mag. Nat. Hist., vol. XVI, ser. 7ª, pgs. 66 e 322—1905; Rud. Ihering, Rev. do Mus. Paulista, vol. VII, pg. 333—1907; Eigenm., Rep. Princet. Univ., vol. III, pt. IV, pg. 475—1910.

**Cichlasoma psittacum** (Heckel) = *Heros psittacus*, Heckel Ann. Wiener Mus., vol. II, pg. 369—1840; *Hoplarchus pentacanthus*, Kaup., Wigmans Archif. Natu. gr 36 Jharg., pg. 129, est. VI, fig. 1—1860; *Heros psittacus*, Günther, Cat., VI, pg. 299—1862; *Heros psittacus* Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIX, pg. 68—1891;

*Heros psittacus*, Goeldi, Bol. Mus. Paraense, vol. II, pg. 453; Pellegr., Mem. Soc. Zool. de France, XVI, pg. 242 — 1904; *Cichlasoma psittacum*, Regan, Ann. & Mag. Nat. Hist., vol. XVI, ser. 7<sup>a</sup>, pgs. 66 e 323 (parte) — 1905; Rud. Ihering., Rev. do Mus. Paulista, vol. VII, e 329 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 476 — 1910.

**Uarú amphiacanthoides**, Heck. = *Uarú amphiacanthoides*, Heckel, Ann. Wiener Museums, vol. II, pg. 331 — 1840; *Pomotis fasciatus*-Schomb., Fish. Guiana, II parte, pg. 169, est. XVII — 1852; *Uarú amphiacanthoides*, e *U. obscurum* Günther, Cat., IV, pg. 302 — 1862; *Acará amphiacanthoides*, Steind., Sitzungsber. Akad. Wien, vol. LXXI (Beitr. Chrom. Amaz. Stromes) pg. 34 — 1875; *Uarú amphiacanthoides*, Eigenm. & Eigenm., Proc. U. S. Nat. Mus., vol. XIV, pg. 69 — 1891; *Acará (Pomotis) fasciatus* e *Uarú amphiacanthoides* Goeldi, Bol. Mus. Paraense, vol. II, pgs. 454 e 469 — 1898; Eigenm. & Bray, Ann. N. York Acad. Sci., vol. VII, pg. 612 — 1894; *Acará imperialis*, Steindachner, Sitzber. Akad. Wien., LXXX, pg. 161 — 1879; *Uarú imperialis*, Pellegr., Mem. Soc. Zool. France, XVI, pg. 247 — 1903 (1904); *Uarú amphiacanthoides*, Regan, Ann. & Mag. Nat. Hist., ser. VII, vol. XVI, pg. 439 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 334 — 1907; *U. amphiacanthoides* e *U. imperialis*, Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 469 — 1910.

**Symphysodon discus**, Heckel = *Symphysodon discus*, Heckel, Ann. Wiener Museums, vol. II, pg. 333 — 1840; Günther, Cat., IV, pg. 316 — 1862; Kner, Sitzungsberichte Akad. Wien, vol. XLVI, pg. 299, est. II — 1863; Steind., Sitzungsber. Akad. Wien, LXXI, pg. 106 — 1875; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 71 — 1891; Eigenm. & Bray, Ann. N. Y. Acad. of. Sci., vol. VII, pg. 624 — 1894; Goeldi, Bol. Mus. Paraense, vol. II, pg. 462 — 1898; Pellegrin, Mem. Soc. Zool. France, XVI, pg. 250 — 1903 (1904); Regan, Annals & Mag. Natural Hist., ser. 7<sup>a</sup>, vol. XVI, pg. 440 — 1905; Rud. Ihering, Rev. Mus. Paulista, vol. VII, pg. 355 — 1907; Eigenm., Report. Princet. Univ. Exped., vol. III, pt. IV, pg. 479 — 1910.

**Monocirrhus polyacanthus**, Heckel = *Monocirrhus polyacanthus*, Heckel, Natterers Brasilianische Flussefische, Annales des Wiener Museums der Naturgeschichte, Bd. II, pg. 439 — 1840; Günther, Cat., III,

pg. 371 — 1861; Kner, Sitzber. Akad. Wien, vol. XLVI, pg. 300, est. I, fig. 3 — 1863; Eigenm. & Eigenm., Pr. U. S. Nat. Mus., vol. XIV, pg. 66 — 1892.

**Harpe rufa** (L.) = *Pudiano vermelho*, Marcgrav., Hist. Brasil., Pisces, pgs. 145-6 — 1648; *Turdus flavus*, Catesby, Nat. Hist. Carol., II, est. II, fig. 1 — 1743; *Labrus rufus*, Linn., Syst., ed. X, pg. 284 — 1758 e ed. XII, pg. 475 — 1766; *Perro colorado*, Parra, Dif. Piez., 3, est. 3, fig. 1 — 1787; *Bodianus bodianus*, *Lutjanus verres*, *Sparus falcatus*, Bl. Ichthyol., vol. VII, pg. 24, est. 223 — 1790 e ests. 251 e 258 — 1791; *Labrus semiruber*, *Bodianus blochii*, *Harpe caelureo-aureus*, Lacép. Hist. Nat. Poiss., vol. III, pg. 428 — 1802, e vol. IV, pgs. 279, 290, 426 e 427, est. 8, pg. 2 — 1803; *Cossyphus bodianus*, Cuv. & Val., XIII, pg. 75 — 1839; *Cossyphus verres*, Casteln., Anim. Nouv. ou Rares, etc., pg. 27 — 1855; *Cossyphus pulchellus*, Poey, Mem. II, pg. 208 — 1860; *Cossyphus rufus*, *C. pulchellus*, Günther, vol. IV, pg. 108 — 1862; *Harpe rufa*, Gill, Pr. Acad. Nat. Sci. Philad. pg. 222 — 1863; *Bodianus rufus*, Poey, Rep., II, pg. 331 — 1867; *B. rufus* e *B. pulchellus*, o mesmo, Synopsis, pgs. 331 e 332 — 1868; o mesmo, Enum., pg. 105 — 1875; *Harpe rufa*, Goode, Fishes, Berm. pg. 37 — 1876; *Cossyphus rufus*, Günth., Shore-Fishes, Challenger pg. 14 — 1880; *Bodianus rufus*, Jord. Pr. U. S. Nat. Mus., pg. 148 — 1884; *Labrus rufus*, Goode & Bn., Pr. U. S. Nat. Mus., pg. 200 — 1885; *Bodianus rufus*, Jord., Pr. U. S. Nat. Mus., pg. 45 — 1886; *Harpe rufa* e *H. pulchella*, Jordan, Report. U. S. Fish. Com., for 1887, pgs. 628 á 630 — 1891; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.581 a 1.584 — 1898.

**Labrus livens** (L.) = *Turdus niger*, *Merula salviani*. Willugby, 320 — 1686; *Labrus caeruleus nigricans*, Artedi, Synonymia Piscium, pg. 55 — 1738; *Labrus livens*, *L. merula*, Linæus, Syst. Naturæ, ed. X, pgs. 287, 288 — 1758; *Labrus psittacus*, Risso, Europ. Merid. — 1826; *Labrus crassus*, Agass. & Spix., Pisc. Bras. pg. 95, tab. 52 — 1829; *Labrus lividus*, *L. limbatus*, *L. lineolatus* e *L. saxorum*, Cuv. & Val., Hist. Nat. Poiss., vol. VIII, pgs. 63 á 66 — 1839; *Scarus viridis*, Gronow, Syst., ed. Gray., pg. 63 — 1854; *Labrus merula*, *L. crassus*, Günther, Cat., IV, pgs. 72 e 74 — 1862; *Labrus livens*, Jordan, pt. XV, U. S. Fish. & Fisheries Comm., for 1887, pgs. 607 e 609 — 1891.

**Tautogolabrus brandaonis** (Steind.) = *Ctenolabrus (Tautogolabrus) brandaonis*, Steind., Sitzungsberichte Akad. Wien, LV Bd, I Abtheil.,

pgs. 531 — 1867; *Ctenolabrus brandaonis*, Jordan, U. S. Fish. & Fisheries Comm., pt. XV, for 1887, pgs. 623 e 624 — 1891.

**Iridio radiatus**, (L.) = *Pudiano verde*, Maregrav, H. Nat. Bras., Poiss. pg. 146 — 1648; *Tardus oculo-radiato*, Catesby, Nat. Hist. Carol., vol. II, pg. 12, est. 12 e fig. 1 — 1743; *Labrus radiatus*, Linnæus, Syst. Nat., ed. X, pg. 288 — 1758; *Doncella*, Parra, Dif. Piez., pg. 95, est. 37 — 1787; *Labrus brasiliensis*, Bl., Ichth., VIII, pg. 108, est. 280 — 1797; Bl. & Schn., Syst., pg. 242 — 1801; *Julis crotaphus*, Cuv. Règne Animal, II ed., vol. 2, pgs. 258-30 — 1829; *Julis cyanostigma*, *Julis opalina*, *Julis palatus* e *Julis principis*, Cuv. & Val., Hist. Nat. Pois., vol. XIII, pg. — 1839; *Chlorichthys brasiliensis*, Sws., Class., pg. 232 — 1839; *PlatyGLOSSUS cyanostigma*, *P. opalinus*, *P. radiatus* e *P. principis*, Günther, Cat., IV, pgs. 161, 163 e 164 — 1862; *Chærojulis cyanostigma*, Poey, Synopsis, pg. 334 — 1868; Cope, Trans. Am. Philos. Soc., pg. 464 — 1871; o mesmo, Enum., pg. 107 — 1875; *Chærojulis radiatus*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 35 — 1875; *PlatyGLOSSUS cyanostigma*, Günther, Shore Fishes, Chal., pg. 4 — 1880; *PlatyGLOSSUS radiatus*, Jord., Pr. U. S. Nat. Mus., pg. 135 — 1884; o mesmo, Cat. Fish. North. Am., pg. 98 — 1885; Jord. Pr. U. S. Nat. Mus., pg. 45 — 1886; Jord. & Hugues, Pr. U. Nat. Mus., pg. 59 — 1886; *Halichæres radiatus*, Jord., Report. U. S. Fish. Comm., for 1887, pgs. 638 e 641 — 1891; *Iridio radiatus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.587 e 1.590 — 1898.

**Iridio cyanocephalus** (Bl.) = *Labrus cyanocephalus*, Bl., Ichthyol, est. 286 — 1791; *Julis dimidiatus*, Ag. Spix., Pisc. Bras., pg. 29, est. 53 — 1829; Cuv. & Val., XIII, pg. 297 — 1839; *Ichthyocallus dimidiatus*, Sws., Class. Fish., pg. 232 — 1839; *Julis internasalis*, Poey, Mem., II, pg. 421 — 1860.

**Iridio bivittatus** (Bl.) = *Sparus radiatus* Linnæus Syst. Nat., ed. XII, pg. 472 — 1766; *Labrus bivittatus*, Bl., Ichthyol, VIII, pg. 107, est. 284, fig. 1 — 1797; *Labrus psittaculus*, Lacép., vol. III, pg. 522 — 1800; *Julis psittaculus*, Cuv. & Val., XIII, pg. 283 — 1839; *Julis humeralis*, Poey, Mem., II, pg. 212 — 1860; *PlatyGLOSSUS bivittatus*, e *P. humeralis*, Günth., Cat., IV, pgs. 164 e 165 — 1862; *Chærojulis grandisquamis*, Gill., Pr. Ac. Nat. Sci. Philad., pg. 206 — 1863; *PlatyGLOSSUS bivittatus*, Steind., Ichthyol. Noitz., VI, pg. 49, Sitzungsber. Akad. Wien. — 1867; *Chærojulis bivittatus*, Poey, Synopsis, 335 — 1868; Cope, Trans. Am. Philos. Soc., pg. 463 — 1870; *Chærojulis arangoi*,

Poey, Enum., pg. 109 — 1875; *Cheirojulis humeralis*, Goodé & Bean, Pr. U. S. Nat. Mus., pg. 338 — 1879; *Platyglossus florealis*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 287 — 1882; *Platyglossus radiatus*, Jord. & Gilb., Pr. U. S. Nat. Museum, pg. 608 — 1882; *Platyglossus grandisquamis*, Jord., Pr. U. S. Nat. Mus., pg. 603 — 1883; *Platyglossus bivittatus*, Jord., Pr. U. S. Nat. Mus., pg. 136 — 1884; Bean. & Dresel, Pr. U. S. N. Mus., pg. 153 — 1884; Jord., Cat. Fish N. Am., pg. 98 — 1885; Jord., Pr. U. S. Nat. Mus., pg. 45 — 1886; Jord., Pr. U. S. N. Mus., pg. 540 — 1886; *Halichæres bivittatus*, Jord., Report, U. S. Fish. Comm., for 1887, pgs. 640 e 645, ests. V e VI — 1890; *Iridio bivittatus*, Jord & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.589, 1.598 e 1.595 e IV pte., est. CCXXXIX, figs. 600 e 601 — 1900.

**Iridio irideus** (Starks) = *Halichæres irideus*, Starks, The Fishes of the Stanford Expedition to Brasil, Leland Stanford Junior University Publications, pg. 60 — 1913.

**Iridio kirschii** Jord. & Everm. = *Julis crotaphus*, Cuv. & Val., Hist. Nat. Poiss., XIII, pg. 289, est. 395 — 1839 (Preocupado); *Platyglossus crotaphus*, Günth., Cat., IV, pg. 163 — 1862; Cope, Trans. Am. Philos. Soc., pg. 463 — 1870; *Cheirojulis crotaphus*, Poey, Enum., pg. 109 — 1875; *Halichæres poeyi*, Jord., Rep. U. S. Fish. Comm. for 1887, pgs. 640 e 646 — 1890; *Iridio kirschii*, Jord. & Everm., Check list-Fishes, pg. 413 — 1896; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.589 e 1.598 — 1898; *Halichæres poeyi*, Starks, The Fishes of the Stanford Expedition to Brasil, pg. 61, Março — 1913.

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**Xyrichtys novacula** (L.) = *Coryphæna palmaris pulchre varia etc.* Artedi, Genera 15 — 1738; et Synonymia 29 — 1738; *Coryphæna novacula* Linneus, Syst. Nat., ed. X., pg. 262; *Coryphæna psittacus*, Linn., Syst. Nat., ed. II, pg. 448 — 1766; *Coryphæna psittacus* e *C. lineata*, Gmlin, Syst., Nat., pg. 1.194 e 1.195 — 1788; *Coryphæna novacula*, Bl. & Schn., Syst., pg. 295 — 1801; Lacép., vol. III, pg. 203 — 1802; *Coryphæna lineolata*, Rafinesque, Caratteri, pg. 33 — 1810; *Xyrichtys novacula*, Cuv., Règne Anim., III, Poiss., pg. 202, est. 89, fig 3 — 1816; *Xyrichtys cultratus*, *X. lineatus*, Cuv. & Val., vol. XIV, pgs. 28 e 37, est. 391 — 1839; *Xyrichtys vermiculatus*, Poey, Mem., II, pg. 215

— 1860; o mesmo, Rep., II, pg. 238 — 1862; *Novacula cultrata*, *N. lineata*, Günther, Cat., IV, pgs. 169 e 171 — 1862; *Xyrichthys vermiculatus*, Poey, Syn., pg. 336 — 1868; *Xyrichthys vermiculatus* e *X. venustus*, o mesmo, Enum., pg. 110 — 1875; *Xyrichthys lineatus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 609 — 1882 e pg. 143 — 1883; *X. lineatus* e *X. vermiculatus* ainda os mesmos, Synopsis, pg. 605 — 1883; *Xyrichthys psittacus*, Goode & Bean, Pr. U. S. Nat. Mus., pg. 45 — 1884; os mesmos, loc. cit., pg. 195 — 1885; *X. venustus* e *X. psittacus*, Bean, Bull. U. S. Fish. Comm., pgs. 200 e 202 — 1888; *Xyrichthys novacula*, Jordan, Rep. U. S. Fish. Com., for 1887, pgs. 658 e 660, est. VIII — 1891; *Xyrichthys psittacus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 1.618 — 1898; *Coryphæna novacula*, Shaw, Zool. IV, pg. 217 — 1903; Risso, Ichthol. Nice, pg. 181 — 1910.

***Xyrichthys uniocellatus***, Agass. = *Xyrichthys uniocellatus*, Agassis in Spix-Pisces Brasil., pag. 97, est. 55 — 1829; Cuv. & Val., XIV, pg. 36 — 1839; *Novacula uniocellata*, Gunth., IV, pg. 171 — 1862; *Xyrichthys uniocellatus*, Jord., Pr. U. S. Nat. Mus., pg. 541 — 1886; Jord., Rep. U. S. Fish. Comm., for 1887, pgs. 658 e 666 — 1891.

***Xyrichthys splendens***, Casteln. = *Xyrichthys splendens*, Casteln., Anim. Nouv. ou Râres, etc., Poiss., pg. 28, est. V, fig. 2. — 1855; Com esta especie o Professor David Star Jordan identifica: *X. argentinaculata*, Steind., Zool. Bot. Gesellschaft z. Wien, pg. 134 — 1861 e Günther, Cat., IV, pg. 170 — 1862; *X. splendens*, Jordan, Rep. U. S. Nat. Mus., for 1887, pgs. 657 e 659 — 1891.

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***Cryptotomus auropunctatus*** (Cuv. & Val.) = *Callyodon auropunctatus*, Cuv. & Val., vol. XIV, pg. 215 — 1839; Günther, Cat., IV, pg. 214 — 1862; Guichenot, Scarides, pg. 60 — 1865; *Cryptotomus auropunctatus*, Jordan, Pr. U. S. Nat. Mus., pg. 228 — 1886; *Callyodon auropunctatus*, Jordan, Pr. U. S. Nat. Mus., pg. 542 — 1886; *Cry-*

*ptotomus auro punctatus*, Jordan, Review Labr. Fishes, pgs. 665 e 666 — 1891; Jord & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.622 e 1.624 — 1898.

**Cryptotomus beryllinus** Jord. & Swain = *Cryptotomus beryllinus*, Jord. & Swain, Pr. U. S. Nat. Mus., pg. 101 — 1884; Jord., Pr. U. S. Nat. Mus., pgs. 45 e 228 — 1886; *Sparisoma sp.*, Bean, Bull. U. S. Fish. Comm., pg. 137 — 1888; *Cryptotomus beryllinus*, Jord., Review Labr. Fishes, pgs. 665 e 666, est. IX — 1891; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.622 e 1.625 — 1898 e pt. IV, est. CCXLII — 1900; *Scarus frondosus*, Azurém Furtado, Peixes da Bahia do Rio de Janeiro, pag. 102 — 1903.

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**Calliodontichtys bleekeri**, Steind. = *Calliodontichthys flavescens*, Pieter van Bleeker, Scarid., Versl. in Med. Akad. Wetensch. Amsterd., pg. 2 — 1861; o mesmo, All. Ichthyol. des Ind. Orient. Nard., vol. I, pg. 5 — 1862; *Calliodontichthys bleekeri*, Steind., Ichthyol. Mitteilungen, (V) pg. 1, est. XXIV, fig. 2, Verhandl. k. k. Zool. bot. Gesellsch. Wien, XIII, Bd., pg. 1.111 — 1863; Jordan, Labroid Fishes, pgs. 69 e 70 — 1891.

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Comm., pg. 128 — 1888; Jordan & Everm., Bull. 47 U. S. Nat. Mus., I pte., pg. 1.650 — 1896; Starks, The Fishes of the Stanford Expedition to Brasil, pg. 61 — 1913.

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**Scarus guacamaia**, Cuv. = *Guacamaia*, Parra, Dif. Piez., pg. 54, estampa 26 — 1787; *Scarus guacamaia*, Cuv., Règne Anim., ed. II, vol. 2, pg. 265 — 1829; *Scarus turquesius*, Cuv. & Val., II. Nat. Poiss.,



vol. XIV, pg. 134 — 1839; *Scarus rostratus*, Poey, Mem., vol. II, pg. 221 — 1860; *Pseudoscarus turquesius*, Poey., Repert. I, pg. 317 — 1861; *Scarus guacamaia*, Günth., Cat., IV, pg. 233 — 1862; *Scarus turquesius*, Guichenot, Scarides, pg. 23 — 1865; *P. guamaia*, *P. turquesius* e *P. rostratus*, Poey, Syn., pgs. 348 e 349 — 1868; *Pseudoscarus rostratus*, Poey, Enum., pg. 118 — 1875; o mesmo, Fauna Puerto-Riqueña, pg. 337 — 1875; *Hemistoma* e *Scarus guacamaia*, Jord. & Gilb., Syn., pags. 607 e 938 — 1883; *Scarus guacamaia*, Jord. & Swain., Pr. U. S. Nat. Mus., pg. 84 — 1884; Jord., loc. cit., pg. 137; *Scarus guacamaia* e *S. turquesius*, Jord., op. cit., pgs. 48 e 543 — 1886; *Scarus guacamaia*, Jord., Labroid Fishes, pgs. 84 e 90, est. XI — 1891; *Pseudoscarus guacamaia*, Jord., & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.655 e 1.657 — 1898 e pt. IV, est. CCXLVI, fig. 617 — 1900.

**Sparisoma radians**, (Cuv. & Val.) = *Scaris radians*, Cuv. & Val., Hist. Nat. Poiss., XIV, pg. 153 — 1839; Guichenot, Scarides, pg. 17 — 1865; *Scarus lacrymosus*, Poey, Mem. II, pg. 422 — 1861; o mesmo, Syn., pg. 343 — 1868; *Sparisoma radians*, Jordan, Labroid Fishes, pgs. 671 e 677 — 1891; *Sparisoma radians*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.628 e 1.631 — 1898.

**Sparisoma abildgaardii** (Bl.) *Vieja*, Parra, Dif. Piez., pg. 58, est. 28, fig. 2 — 1787; *Scarus abildgaardii*, Bl., Ichthyol., est. 259 — 1791; *Scarus coccineus*, Bl. & Schn., Syst., pg. 289 — 1801; *Scarus aure-oruber*, Lacép., Hist. Nat. Poiss., IV, pgs. 55 e 163 — 1803; *Scarus abildgaardii*, Cuv. & Val., Hist. Nat. Poiss., vol. XIV, pg. 130 — 1839; *Sparisoma abildgaardii*, Sws., Nat. Hist. Class., Fisches, II, pg. 227 — 1839; *Scarus amplus*, Ranzani, Nov. Com. Ac. Sci. Institut. Bonon., pg. 324, est. 5, fig. 25 — 1842; *Scarus abildgaardii*, Günth., Cat., IV, pg. 209 — 1862; *Scarus erythrinoides* e *S. abildgard*, Guichenot, Scarides, pg. 10 — 1865; *Scarus oxybrachius*, Poey, Synopsis, pg. 342 — 1868; o mesmo, Enum., pg. 411 — 1875, Cope, Trans. Am. Philos. Soc., pg. 462 — 1871; *Sparisoma abildgaardii*, Jord. & Swain., Pr. U. S. Nat. Mus., pg. 97 — 1884; Jordan, Pr. U. S. Nat. Mus., pg. 47 — 1886; Jordan, Labroid Fishes, pgs. 72 e 78 — 1891; Jordan & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.629 e 1.635 — 1898.

**Sparisoma hoplomystax** (Cope) = *Labrus radians*, Castelnau, Anim. Nouv., etc., pg. 29 — 1855; *Scarus radians*, Gunther, Cat., IV, pg. 211 — 1862; *Scarus hoplomystax*, Cope, Trans. Am. Philos. Soc.,

pg. 462 — 1869; *Scarus radians*, Jord. & Gilb., Syn., pg. 906 — 1883; *Sparisoma cyanolene*, Jord. & Swain, Pr. U. S. Nat. Mus., pg. 98 — 1884; Bean, Bull. U. S. Fisk Com., pg. 198 — 1888; *Sparisoma hoplomyxax*, Jord., Labroid Fishes, pgs. 671 e 677, est. X — 1891; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.628 e 1.632 — 1898 e pt. IV, est. CCXLIV, fig. 611 — 1900.

**Sparisoma chrysopterum** (Bl. & Schn.) — *Vieja*, Parra, Dif. Piez, pg. 58, est. 28, fig. 4 — 1787; *Scarus chrysopterus* e *Scarus chlorys*, Bl. & Schn., Syst., pgs. 286 e 289 — 1801; *Scarus chrysopterus*, Cuv. & Val., vol. XIV, pg. 185 — 1839; *Scarus lateralis*, Poey, Mem., pg. 219 — 1860; *Scarus chrysopterus*, Gunth., Cat., IV, pg. 211 — 1862; *Scarus chrysopterus* e *Scarus spinidens*, Guichenot, Scarides, pgs. 12 e 15 — 1865; *Scarus lateralis*, Poey, Synopsis, pg. 337 — 1868; *Scarus chrysopterus*, Cope, Trans. Am. Philos. Soc., pg. 462 — 1871; *Scarus chloris*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 34 — 1876; *Sparisoma chrysopterum*, Jord. & Swain, Pr. U. S. Nat. Mus., pg. 94 — 1884; Jord., loc. cit., pg. 47 — 1886; Jord., Labroid Fishes, pgs. 72 e 76 — 1891.

**Sparisoma distinctum** (Poey) = *Scarus distinctus*, Poey, Mem., II, pg. 423 — 1861; o mesmo, Repert, II, pg. 163 — 1867; o mesmo, Snop., pg. 341 — 1868; o mesmo, Enum., pg. 141 — 1875; *Scarus frondosus*, Gunth., Cat., IV, pg. 210 — 1862; *Sparisoma distinctum*, Jordan, Labroid Fishes., pgs. 72 e 78 — 1891; Jord. & Rutter, Pr. Acad. Nat. Sci. Philad., pg. 119 — 1897; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II pte., pgs. 1.629 e 1.635 — 1898.

**Sparisoma frondosum** (Agassiz) = *Scarus frondosus*, Agassiz in Spix, Pisc. Bras., pg. 98 — 1829; Cuvier & Val., vol. XIV, pg. 151 — 1839; *Scarus aracanga*, Günther, Cat., IV, pg. 209 — 1862; *Scarus frondosus*, Guichenot, Scarides, pg. 15 — 1865; Jord., Pr. U. S. Nat. Mus., pg. 542 — 1886; *Sparisoma aracanga*, Jord., Rew. Labroid, Fishes, pgs. 71 e 74 — 1891; *Sparisoma frondosum*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pgs. 1.630 e 1.642 — 1898; Starks, The Fishes of the Stanford Expedition to Brasil, pg. 61 — Março de 1913.

**Sparisoma flavescens** (Bl. & Schn.) = *Vieja*, Parra, Dif. Piez., pg. 58, est. 28, fig. 4 — 1787; *Scarus flavescens*, Bl. & Schneider, Syst., pg. 290 — 1801; *Callyodon flavescens*, Cuv. & Val., Hist. Nat. Poiss.,

vol. XIV, pg. 215 — 1839; *Scarus squalidus*, Poey., Mem, II parte, pg. 218 — 1860; *Scarus squalidus*, Gunther, Cat., IV, pg. 212 — 1862; Poey, Synopsis, pg. 338; *Scarus flavescens*, o mesmo, Enum., pg. 113 — 1875; *Scarus squalidus*, Jord. & Gilb., Synopsis, pg. 938 — 1883; *Sparisoma flavescens*, Jord. & Swain, Pr. U. S. Nat. Mus., pg. 92 — 1884; Jordan., op. cit., pg. 47 — 1884; Jord., Pr. U. S. Nat. Mus., pg. 47 — 1886; Bean; Bull. U. S. Fishes Comm., pg. 198 — 1888; Jordan, Labroid, Fishes, pgs. 71 e 74 — 1891; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte II, pgs. 1.629 e 1.630 — 1878.

**Malacanthus plumieri** (Bl.) = *Malajuelo blanco*, Parra, Dif. Piez., pg. 22, est. 13 — 1787; *Choryphæna plumieri*, Bloch, Ichthyol., vol. V, pg. 119, est. CLXXV — 1787; *Sparus oblongus*, Schneider, Syst., pg. 283 — 1801; *Malacanthus trachinus*, Cuv., Règne Animal, III, est. 90, fig. 3 — 1829; *Malacanthus plumieri* Cuv. & Val., pg. 233, est. 380 — 1839; Casteln., Anim. Nouv. ou Râres de L'Amérique du Sud., Poiss., pg. 29 — 1855; Günther, Catalogo, vol. III, pg. 359 — 1861; Jord. & Everm., Bull. 47 U. S. Nat. Mus., parte III, pg. 2.276 — 1888.

**Caulolatilus chrysops** (Cuv. & Val.) = *Latilus chrysops*, Cuv. & Val., vol. IX, pg. 366 — 1883; Günther, Cat., II, pg. 253 — 1860.

**Lopholatilus vilarii** Miranda Rib. = *Lopholatilus vilarii*, Miranda Ribeiro, Fauna Brasiliense, Peixes, V, Malacanthidae, pg. 7 dos Archivos do Museu Nacional, vol. XVII — 1915.

**Pseudopercis numida**, Mir. Rib. = *Pseudopercis numida*, Mir. Rib., Pescas do Annie, "Lavoura", Abril á Julho, pg. 184 — 1903.

**Pinguipes brasilianus** Cuv. & Val. = *Pinguipés brasilianus*, Cuv. & Val., vol. III, pg. 206, est. 63 — 1829; *Pinguipés fasciatus*, Jenyns, Zool. Beagle, pg. 20, est. 5 — 1860; *Pinguipés brasilianus* e *P. fasciatus*, Günther, Cat., II, pgs. 251 e 252 — 1860; *Pinguipés fasciatus*, Berg., An. Mus. B. Aires IV, pg. 61 — 1895; Mir. Rib., Pescas do Annie, — "Lavoura", Abril á Julho, pg. 183 — 1903.

**Gnathypops cuvieri** Val. = *Opisthognathus cuvieri*, Val. in Cuvier & Val., Hist. Nat. Poiss., vol. XI, pg. 371, est. 343 — 1836; Günther., Cat., II, pg. 256 — 1860; *Gnathypops cuvier*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. III, pg. 2.284 nota — 1898.

**Dormitator maculatus** (Bl.) = *Sciæna maculata*, Bl., pt. IX, pg. 39, est. 299 — 1797; *Eleotris mugiloides*, *E. grandisquama* e *E. sima*, Cuv. & Val, vol. XII, pgs. 170, 173 e 174 — 1837; *Eleotris latifrons*, Richards., Voyage Sulphur., Fishes, pg. 57, est. 35, figs. 4 e 5 — 1837; *Eleotris somnolentus*, Girard, Pr. Acad. Nat. Sci. Philad., pg. 169 — 1858; *Eleotris omocyanus*, Poey, Memorias, II, pg. 269 — 1860; *Dormitator microphthalmus* e *D. lineatus*, Gill, Pr. Acad. Nat. Sci. Philad., pgs. 170 e 271 — 1863; *Dormitator gundlachi*, Poey, Syn., pg. 396 — 1868; *Dormitator maculatus*, Jord. & Gilb., Syn., pg. 632 — 1883; Jord. & Eigenm., Pr. U. S. Nat. Mus., for. 1886, pg. 482 — 1887; Eigenmann & Eigenm., Pr. Calif. Acad. of Sciences, vol. I, parte I, pg. 52 — 1888; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. II, pg. 2.196 — 1898 e pt. IV, est. CCCXXIV, fig. 782 — 1900; Everm. & Marsh, Bull. U. S. Fish. Comm., vol. XX, parte, pg. 289 — 1902.

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