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.

VOLUME XXI

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SUMMARIO

Alipio de Miranda Ribeiro:

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

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

ALIPIO DE MIRANDA RIBEIRO

FAUNA BRASILIENSE

(PEIXES)

TOMO V

Eleutherobranchios Aspirophoros

PHYSOCLISTI

FAUNA BRASILIENSE — PEIXES

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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 Brasiliense". A segunda (*) já foi publicada no volume XVII.

O Auctor.

PRIMEIRA PARTE

RESENHA HISTORICA

A historia do estudo systematico dos *Physoclisti* brasileiros data de Marcgrave, 1648, sendo, entretanto, as numerosas e minuciosas descripções 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 Marcgrave, delle haurindo as seis especies que enfileirou no seu systema, dando-lhes, com as competentes referencias, designações binarias:

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

Gmlin, reeditando o Systema Naturæ de Linnæus numa decima terceira edição, em 1788, ainda achou material, indirecta e directamente, na "Historia Naturalis Brasiliæ" 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 Marcgrave, citado por intermedio de Gronow, no Mus. Ichthyologicum — 1757.

Em 1792 **Walbaum** ainda baptisa o Timucú de Marcgrave — *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 —, conseguio material para identificar mais 18 especies brasileiras, de Marcgrave e de M. de Nassau, desde 1787 até 1797, á saber:

1. **Rachycentron canadus** (L.) = Beijú-pirá de Marcgrave.
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 Marcgrave.
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 Marcgrave.
12. **Anisotremus virginicus** (L.) — o SPARUS VITTATUS, de Bloch, ou GUATUCUPA JUBA de Marcgrave.
13. **Paraupeneus maculatus** (Bl.)
14. **Abudefduf saxatilis** (L.) = Jaguacaguaré.
15. **Crenicichla brasiliensis** (Bl.) sobre indicações de Nassau e o Nhacundá de Marcgrave.
16. **Harpe rufa** (L.) = BODIANUS BODIANUS Bl., sobre um desenho de Nassau e a descripção do Pudiano vermelho de Marcgrave.
17. **Iridio radiatus** (L.) = Pudiano verde de Marcgrave.
18. **Leptecheneis naucrates** (L.) ou ECHENEIS CAUDA-ROTUNDA de Bloch, referindo o Iperuquiba de Marcgrave.

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 Marcgrave e este reproduzido de um desenho de Mauricio de Nassau.

Em 1822 **Lichtenstein** (Abhandlungen Akad. Berl.) ainda se referia á Marcgrave, 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. E' 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. & Schn.
11. **Haliperca radiale** (Quoy & Gaimard).

Mais uma especie referida por **Hollard** *Alutera schoepfi* (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 icthyologica, 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 Guarápucu;
2. **Hæmulon parra** (Desm.), o Uribaco.
3. **Cynoscion striatus** (Cuv.), o Guatucupa. 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 suisso que maior impulso deu, depois, ás explorações icthyologicas 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 *Iter 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. **Chirostoma tæniatum** (Spix).
2. **Chloroscombrus chrysurus** (L.)
3. **Vomer setipinnis** (Mitch.) (1)
4. **Caranx latus**, Agassiz.
5. **Trachurops crumenophthalmus** Bl. (*Caranx macrophthalmus 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. **Decapterus punctatus** (Agass.)
7. **Scomberomorus maculatus** (Mitch).
8. **Coryphæna hippurus**, L.
9. **Corniger spinosus** (Agass.)
10. **Pachyurus squamipinnis** (Agass.)
11. **Ophioscion adustus** (Agass.)
12. **Cichla ocellaris**, Bl & Schn.
13. **Astronotus ocellatus** (Agass.)
14. **Labrus livens** (L.)
15. **Iridio cyanophalus** (Bl.) (*Julis dimidiatus Agass.*)
16. **Xirichths uniocellatus** (Agass.)
17. **Sparisoma frondosum** (Agass.)
18. **Uranoscopus occidentalis** (Agass.)
19. **Davidia punctata** (Agass.)
20. **Neomoenis synagris** (L.) (*Meseprion uninotatus Agass.*)
21. **Uranoscopus occidentalis**, Agass.
22. **Anarhichas minor** (Olafsen).
23. **Solea brasiliensis**, Cuvier.

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 collecções 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. & Schn.
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. & Schn.)
23. » **hepatus.**

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

(2) Já depois de impressa a parte dos Scombridæ, obtive bellos exemplares deste peixe na Inspectoria da Pesca do Ministerio da Agricultura, 1913, um dos quaes vae 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 Marcgrave.
28. Rypticus saponaceus, Bl. & Schn.
29. » arenatus, Cuv. & Val.
30. Acanthistius brasilianus, Cuv. & Val.
31. Cerna adscensionis (Osb.), Cuv. & Val. descrevendo PIRAPIXANGA de Marcgr. (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 meroù" etc. — A descripção anterior refere-se á um animal mandado do Brasil, ao passo que, quanto á C. CATUS, esta é a unica informação.
33 Cerna gigas (Brunnich) (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 Caraúna de Marcgr. vol. II — 1828.
37. Dules auriga, Cuv. & Val.
38. Haliperca formosa (L.), SERRANES 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 brasilianus (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. Kiphosus incisor (Cuv. & Val.)
49. Haemulon plumieri (Lacép.) — Cuv. & Val. identificando o Guabicoara de Marcgr., 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.) descripto de proc. bras. como PRISTYSOMA MELANOPTERUM.
53. Genyatremus luteus (Bl.) Cuv. & Val., vol. V — 1830; descripto sob o nome de DIAGRAMMA CAVIFRONS.
54. Boridia grossidens, Cuv. & Val.
55. Eques acuminatus (Bl. & Schn.) descripto sob o nome de de E. LINEATUS.
56. Pogonias chromis (L.) Material de Delalande.
57. Menticirrhus americanus (L.) descripto 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 epóca, tão propicia para o desenvolvimento da ichthyologia brasilica, 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 squamossimus** (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 flavescens, 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 Marcgrave), **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 "Chailenger" 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. PLEII.
3. **Hippocampus villosus**, Günther — Chalenger — 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. & Schn.) — 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 UNDULOSOS — 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 —Exemplares do Brasil. Os Eigenmans citam-n'o de Pernambuco, Rio de Janeiro, Nazareth, S. Matheus 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. **Echeineis brachyptera** (Lowe), Günther — Cat. II — 1860.

E emquanto **Guichenot**, em 1865 (Scarides du Mus. de Paris — 1865), cita *Sparisoma chrysopterum* (Bl. & Schn.), descripto 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

Æquidens minutus (Hensel) — Esp. duvidosa — Beitr. zur Kenntniss Wirbelth. Süd-Bras., 1870 — Archif. fur Naturg.

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

Vaillant & Bocourt (Mission Scientifique au Mexique) e **Haly** — (Ann. Nat. Hist.) — 1875, trazem respectivamente *Alphestes afer* (Bl.) (chamado *Plectropoma chloropterum*), 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** (Hancok) — 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 & Gilb.) 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 trifilis** (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. Sciænoiden Bras.
12. **Isopisthus parvipinnis** (Cuv. & Val.), Porto Alegre — Denkschr. — 1879.
13. **Plagioscion virescens**, Cuv. & Val., como OTOLITHUS 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. **Biotœcus 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 predominio dos naturalistas americanos na ichthyologia brasilica; 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 estatistica 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 & GILBERT

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

JORDAN & SWAIN

Pr. U. S. Nat. Mus., vol. VII — 1884.

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

Swain & Meek referem á Fauna Brasiliense MUGIL TRICHODON, Poey (Pr. U. S. Nat. Mus., 1884), SYPHOSTOMA AFFINE, Günther, por dous 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**, Bn. & Dresel;

Rosa Smith Eigenmann & Crl. Smith Eigenmann — Rev. Amer. Gobidæ & Callyonimidæ — 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. Matheus. 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. Matheus, Rio Doce e Rio de Janeiro.
7. **Gobius stigmaticus** (Poey) — Rio de Janeiro.
8. » **smaragdus**, Cuv. & Val. — Rio de Janeiro.

JORDAN & 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 & 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

Pr. U. S. Nat. Mus. — 1890

1. **Neómænis apodus** (Walb.) LUTJANUS CAXIS — 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 IHERING

Koseritz Deutscher Volkskalendar — 1893

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

JORDAN & FESSLER

Rpt. U. S. Fish. Comm. — 1893

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

3. **Hæmulon bonariense** (Cuv. & Val.) — Attribuido á Fauna Brasiliense desde que Jordan e Fessler identificaram-n'o 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 & 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. & Bn.) — Se ficar provado que GERRES AURATUS DE Ranzani não é identico á presente especie.
8. **Eupomacentrus caudalis** (Poey) — 1898.
9. **Batrachoides surinamensis** (Bl. & Schn.) — 1898.
10. **Blennius cristatus** (Linnæus) — 1898.
11. **Apogon maculatus** (Poey).

PERUGIA

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

Batrachops ocellatus (Perugia) — Procedencia do Alto Paraguay.

JORDAN & FORDICE

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

EIGENM., MC. ATEE & WARD.

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

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

STARKS

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

1. **Iridio irideus** Starks.
2. » **penrosei** Starks.
3. **Scarus croicensis** (Bl.) — Natal.
4. **Gobius glaucofrenum** (Gill.) — Natal.
5. » **boleosoma** (Jord. & Gilb.) — Natal.
6. **Microgobius meeki** Evern. & 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. & 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 collaboração 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 & 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, Egrejinha.

MIRANDA RIBEIRO

(Pescas do Annie — 1903 — Cat. da Exposição de 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. II, 1907.
2. **Scombresox saurus** (Walb.) 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. **Pseudothyrina 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.) — 1903 (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. & Schn.
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 cœlestinus, Cuv. & Val.
49. Scarus cæruleus, 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. Hypleurochilus geminatus (Wood.)
59. Urophycis chuss (Walb.) — 1903.
60. » latus, Mir. Rib. — 1903.
61. » mystaceus, Mir. Rib. — 1903.
62. Genypterus blacodes, Bl. & Schn. — 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) (*Racoulon melanurum*. (L.) não póde ainda ser trazido á Fauna Brasiliense, apesar da identificação do Jordan e Evermann, sobre a qual mantenho duvidas).

(2) Günther assignala para o Atlantico tropical. Em 1903, Cat. mus., referimos exempls. trazidos por Branner de Fernando de Noronha. Actualmente possue o Museu outros exemplares da Trindade, ex-B. Lobo.

Das memorias até agora citadas, deixei excluidos da Fauna Brasileira — *Blennius pantherinus* e *Scorpæna serofina* 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 possivel 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 possivel 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 póde 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 remmo *Leptoph. fluminense*, por mim descripto em 1903 na "Lavoura", Pescas do Amnie. Quanto á *Ophidium brasiliense* Kaup, acho prudente não incluil-o; 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. breviarbe* diz o seguinte: "E' 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, emquanto 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 póde ter uma idéa clara no que concerne a suas affinidades." 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 franjados sobre os olhos e caninos rijos em ambas as maxillas. Membranas de guelras livres desde o isthmo. Dorsal continua. Os espinhos não muito dissemelhantes dos raios brandos. D. XI+21: A 22. Corpo largamente manchado de 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 perfil 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. $\frac{23}{24}$ D. 11/21: A. 2/11: C. 12: Ps. 15: Vs. 2. Este peixe tem o lombo mais escuro que o ventre, o coberto de manchas redondas esparsas, irregulares mais juntas no lado dorsal: o ahi como que produzindo fachas diffusas. Duas fachas denegridas atravessam-lhe a garganta. As nadadeiras são transparentes e pontilhadas de purdacento: estes pouco maiores e mais justos sobre a anal, escurecem esta nadadeira. Quatro polegadas».

(2) D. 8 a 10 + 55 á 58: A. 45 á 50: L. lat. 132. Cabeça 1 e 1/2: altura 6 e 1/4. Olhos 6 á 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 arrendondadas 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 vez e meia, o das ventraes 2 e 1/9. A peitoral egual 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 fimbria 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 difficeis 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 opportunidade 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 acceitámos 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, acceitando 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 verifical-o 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, Ichthyomos e Euselachios *que formam o grupo Trematopnea*, do qual elles differem em certas feições de especialização. O caracter essencial dos dous grupos póde ser contrastado como se segue:

TREMATOPNÉA	CHASMATOPNEA
Guelras abrindo-se directamente para o exterior — Pterygo-quadratum distincto do craneo.	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, Ichthyomos e Euselachios; *porém, uma comparação d'alguns dos caractéres 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 Fiahes — Procedings of the Seventh International Zoological Congress — Boston — August 1907 — Mass., 1910.)

* * *

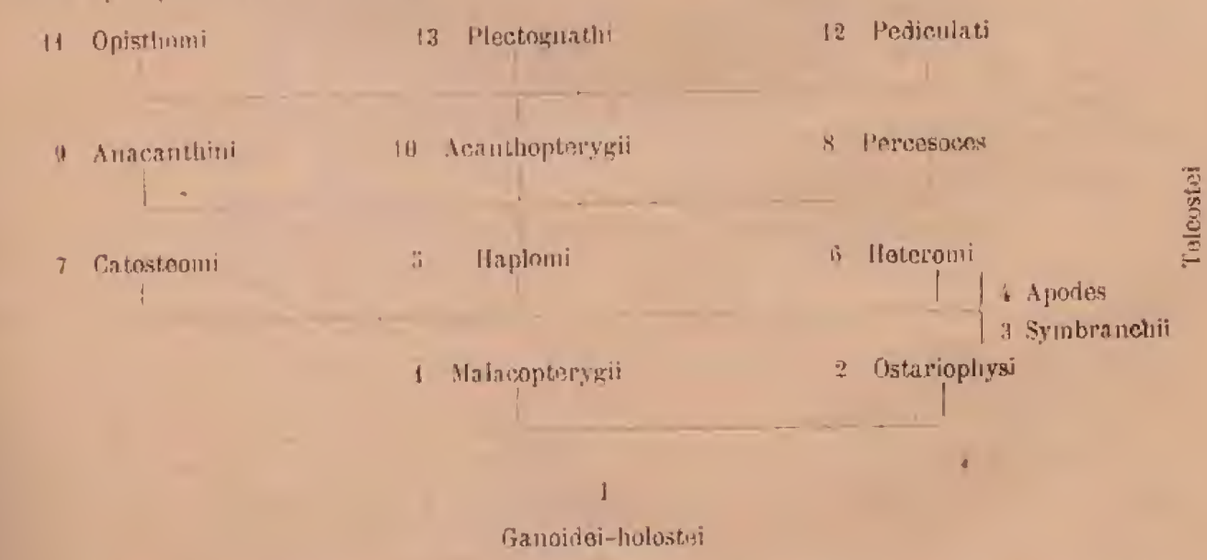
Ora, á pag. 124 do tomo I, escrevemos: E d'este modo nos parece que justificámos a presença dos *Holocephalos* ou *Chismopneos* etc. no grupo dos *Eleutheurobranchios*.

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, pg. 284 — 1902) vem nos trazer o subsidio de que não só *Triodon*, cuja feição de *Gymnodonte* tem muito mais que ver com os *Esclerodermata typici* do que com os proprios Gymnodontes e que os Ostracodermas estão-lhes intimamente ligados; como ainda, reproduzindo uma larva de *Monacanthus scaber*, mostra *o facies Chimaeroide desta* e vem, por ahi, revelar as ligações phylogeneticas provaveis dentre esses dous grupos de *Eleutherobranchios* — facto aliás já presentido pela fina intuição zoologica de Günther que, no celébre "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):



Substituido 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 Physoclisti divididos em Heteromi, Catosteomi, Percesoces, Anacanthini, Opisthomi, Pediculati e Plectognathi.

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

« Assim, na estructura das peitoraes os Holocephalos *são mais primitivos* do que os Ichthymos, pois os radiaes anteriores retem sua ligação ao arco peitoral.

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

HOLOCEPHALI	EUSELACHIOS
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 arco hyoide é modificado em connexão com a suspensão das maxillas: o pharyngo-hyal está ausente e o hyo-mandibular articulado ao craneo.
O pelvis fica separado.	O pelvis une-se formando uma cartilagem unica.
O esqueleto do myxopterygio consiste em uma cartilagem axial, sem cartilagens terminaes ou separadas.	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 generalisados, ve-se pela ampla divergencia em estructura das nadadeiras dorsal e peitoral do primitivo typo euselachiano, retido em Scyliorhinidae.

« Uma analyse *dos caractéres 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 estructura composta* e consiste em varias series de dentes encaixados n'uma matriz conjunctiva, cousa muito differente da placa dentaria cochliodonte 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 — *dous 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 estructuras 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 estructuras dermicas da orla anterior da nadadeira.*» (Regan, op. cit.)

Nos "Larval and Post-Larval Fishes (British Antarctic Terra Nova Expedition" — 1916), Regan figura um especimen post-larval, medindo $5\,^{m}/_{m}$, de *Monacanthus scaber*, Forst., pescado junto ao Cabo Norte, Spirts-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. Dir-se-ia uma chimæra sem peitoraes e que das ventraes apenas restassem os claspers — 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 independencia 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 Heteromos (Halosauros, Notacanthus, etc.) e os Catosteomos (Lampris, Fistularia, Macrorrhamphosus. Solenostoma etc.) e dando os *Haplomi* como estema, assim explica elle as provaveis relações ou Physoclistas:

Seccionando os Acanthopteri em 9 *divisões*: **I. Perciformes; II. Scombriformes; III. Zeorhombi; IV. Kurtiformes; V. Gobiiformes; VI. Discocephali; 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 Acanthopteri, 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 œsophagiano 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 teem a *forma*, a *semelhança* da Perca.

E 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 *Ostariophysi*, baseada nos ossiculos weberianos em funcção do ducto œsophagiano da vesicula, com mais rasão 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 *Acanthopleryggios* 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 Pletognathas sejam antes um traço inferior aos Acanthuridæ (conduzindo aos Squampinnes?), sem dependencia alguma dos Berycidæ.

Esta caracteristica fórma deve dar passagem aos Percoides *sensu strictu*, no qual sejam incluidos os *Pediculados* e *Batrachoides*. E' 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 *Sciænoidei* auctorum, são evidentes. Mas o seu afastamento de *Beryx* é tambem palpavel.

O nosso modo de ver collocal-o-ia isoladamente, partindo da fórma originaria (*Amphistoma*), por um lado, quando já em grupo em que os *Sciænoides*, completamente evoluidos, tivessem significação propria e partindo do estema commum aos Gadoides 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 filia-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 . . . . . { Pleurotremati. / Hipotremati. } Palæopterygii. / Neopterygii.
Pisces . . . . . Rhipidistia. / Actinistia. / Dipneusti.

Ostracodermi.
Arthrodira.

Não é, entretanto, possivel a admissão dos grupos — Pisces, Ostracodermi e Arthrodira, os dous 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 creação dos neologismos *Palæopterygii* e *Neopterygii* — porque os Rhipidistia, Actinistia e mesmo os Dipneusti são palæopterygii, com tendencia á simplificação destes ultimos.

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

Neopterygii

Protospondyli. / Isospondyli. / Ostariophysi. / Iniomi. / Apodes. / Lyomeri. / Microcyprini. / Synenthgnathi. / Anacanthini. / Selenichthyes. / Berycomorphi. / Zeomorphi. / Percomorphi. / Heterosomata. / Scleroparei. / Plectognathi. / Discocephali. / Xenopterigii. / Pediculati. / Symbranchii. / Opisthomi.

Parece-nos que o estudo ponderado das fórmas 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 fórmas 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 delfinida 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 reapparecendo 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 phylogeneticas para filiação dos grupos; e dahi 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.

TERCEIRA PARTE

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fig. 1 — 1785; Bloch. & Schn., Syst., pg. 112 — 1801; Lacép., vol. I, 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. I, 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. I, 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 á 7 — Abril á Julho de 1903 e Pescas do Annie (ed. sep.), pg. 22 — 1904.

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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.

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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.) = *Chætodon 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 (Linnæus) = *Labrus falcatus*, Linnæus, Syst. Nat., ed. X, pg. 284 — 1758; *Chætodon 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 ovatus*, 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 ovatus*, (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*, Girad, 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 corolinus* 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. 120 — 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; *Micropleriæ 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; *Micropterix 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. & Schn, 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, oriacanthus*, *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. spixii*, 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. CXLV, 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 chevolu*, 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; *Blenepharichthys 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*, Michill, 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 spixii* e *P. microlepis*, 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 sanctæ-marthæ*, *V. columbianus*, *V. martinicensis*, *V. dominicensis*, *V. novemboracensis*, *V. sancti-petri*, *V. brasiliensis*, *V. cayennensis*, *V. cubæ*, *V. gabonensis*, *V. senegalensis* e *V. goreensis*, 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 chysus*, Günther, Cat., vol. II, pg. 445 — 1860; *Caranx boops*, *Paratrachus pisquetus*, Gill, Pr. Acad. Nat. Sci. Philad., pgs. 261 e 432 — 1862; *Paratrachus 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 ascencionis*, 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, Fishe Südsee, vol. XI, pg. 132, est. 85 — 1876; *Carangus 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*, Linnæus, Syst. Nat., ed. 12. pg. 494 — 1766; *Scomber carangus*, Bloch, Ichthyol., pte. X[a], pg. 58, est. CCCXL — 1797; *Caranx carangua*, *C. erythrurus* e *C. daubentoni*, Lacép., Hist. Nat. des Poiss., vol. III, pgs. 59, 68, 72 e 74 — 1802; *C xanthopygus*, *C. ekala*, *C. carangus*, 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; *Carangus 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 carangus*, Günther, Cat., vol. II, pg. 448 — 1860; *C. hippos* e *C. chrysus*, Gill, Pr. Acad. Nat. Sci. Phild., pg. 433 e 434 — 1862; *C. caninus*, Günther, Fishes Centr. Am., pg. 432 — 1869; *C. hippos*, Poey, Enum., pg. 75 — 1875; *C. hippus*, Jord. & Gilb., 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. 139, 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 bankesi*, 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. I — 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 — 1883; *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 Centr. 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. & Schn., 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. Brs., 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. CXLI, fig. 385 — 1900.

Trachurus trachurus (Linnæus) = *Scomber trachurus*, Linnæus, Syst. Nat., ed. X, pg. 298 — 1758; *Scomber trachurus*, Bloch., Ichthyol. vol. II, pg. 138, est. XXXVI — 1784; *Caranxomorus plumieranus* Lacép., Hist. Nat. Poiss., vol. III, pg. 84, est. 11 — 1802; *Trachurus saurus*, Rafinesque, Indice, pg. 20 — 1810; *Caranx semispinosus*, Nilson, Prodr. Ichthiol. 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 linnæi*, 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, Pro ceedings 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*, Mitchill, Trans. Litt. and Philos. Soc. N. York, I, 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 stearnsii*, 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. I, pg. 903 — 1896; *Seriola dorsalis*, Mir. & Rib., Cat. dos Peixes Expostos na Inspect. de Caça e Pesca (Prefeitura), n. 75, pg. 38—1908.

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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 á 240, est. 232 — 1831 e IX, pgs. 162, 185 á 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., pte. I, pg. 900 — 1896 e pt. IV, est. CXXXIX, fig. 379 — 1900.

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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 Massachusets., 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 Eeast. 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, 1.885 e 574, op. cit. — 1886; *Scomber colias*, Dresslar & Fesler, Bull. U. S. Fish Comm. vol. VII, pgs. 431 e 432, est. II — 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.

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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. 440, est. VIII — 1887 (1889). Jordan & Evermann. Bull. 47 U. S. Nat. Mus., I pt., pg. 872 — 1896.

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1842; De Kay, N. York-Fauna, Fishes, pg. 108, est. 73, fig. 232 — 1842; Storer, Synopsis, pg. 92 — 1846; Baird, Fishes N. Gersey 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; Earll, 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.

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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.) = *Guarapucú*, Marcgrav., Hist. Nat. Bras., Pisces, pg. 176 c. f. — 1648; *Cybium cavalla*, Cuvier, Règne Animal, 2ª 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; Dreslar & 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.

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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; *Cyclichthys orgeometricus*, Wiegmans. Archif, pg. 231 Iharg. — 1855; *Chilomycterus nutus* Kaup., var. γ, 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, Thése, pg. 96 e fig. — 1903; *Chilomycterus spinosus*, A. de Mir. Ribeiro, Pescas do Amnie, "Lavoura", nos. 4 á 7, Abril á Julho, pg. 178 — 1903.

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Anim., 11 — 1829; *Chelichthys punctatus*, Müll & Tr., Schomb., British. Guiana, 3º vol., pg. 641 — 1842; *Tetrodon annulatus*, Jenyns, Zool. Beagle, pg. 153 — 1842; *Tetrodon amoeryptus*, Gosse, Nat. H. Jam., pg. 287 — 1851; *Anchisomus geometricus* e *A. reticularis*, Richardon, Voyage Herald, pgs. 156 á 161, est. 31 — 1854; *Holacanthus leionothus*, Gronow, Syst. Nat., ed. Gray, pg. 24 — 1854; *Tetrodon bayaci*, Casteln., Anim. Nouv. etc., pg. 98, est. 47, fig. 3 — 1855; *Tetrodon testudineus*, *T. annulatus*, 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; *Cirrosomus 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. 47 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, c. f. — 1903; *Spheroides testudineus*, C. Schreiner e A. de Mir. Rib., Archivos do Mus. Nac., vol. XII, pg. 84 — 1903.

Colomesus psittacus (Bl. & Schn.) = *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. & Schn., Syst. Ichthyol., pg. 505, est. 95 — 1801; *Chelichthys psittacus* e *C. asellus*, Mull. & Tr. in Schomb. Reise in Guiana, III, pg. 641 — 1842; *Batrachops psittacus*, Hollard, Ann. Sci. Nat., pg. 322 — 1857; *Cheilichthys 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. 1.740 — 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. 1.442 — 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 Nakurg., 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 imo ventre cornutus et Picis tr. mediocris* etc., Lister. in App. Willughby Hist. Piscium, XIV, pg. 20 — 1686; Ray Syn., pg. 45 — 1713; *Ostracion triangulatus* 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. & Shn., 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 carens*, Lister in Willughby, App. Hist. Pisc., pg. 156 — 1686; Ray Syn. Pisc., pg. 44 — 1713; *Ostracion ns. 7 e 11*, Artedi, Gen., pg. 56 e Syn., pg. 85 — 1738; *Ostracion abdomine pone bicorni*, Linnæus, Iter Scand., pg. 160 — 1751; *Ostracium 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 yalei*, 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 fur 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 641ª — 1900 ; C. Schreiner e A. de Miranda Ribeiro, Archivos do Mus. Nac., vol. XII, pg. 85 — 1903.

Lactophrys triqueter (Linnæus) = *Pisces triang. ex loto 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. fur 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; *Lactophrys triqueter*, 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 (preoccupado); *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., I, 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 læniopterus*, 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. I), pg. 81 — 1895; *Balistes carolinensis*, Ihering. Os Peixes da Costa do Mar, pg. 18 — 1896; Jord. & Everm., Bull. 47 U. S. Nac. 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., I, 1.472 — 1788; *Balistes spilopterygius* e *B. gullatus*, Walb. Art. Pisc., III, pgs. 455 e 467 — 1792; *Balistes ciliaris*, Bl. & Schn., 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*, Marcg., 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*, Linnæu, Syst. Nat., ed. XII, pg. 405 — 1766; *Balistes broccus*, Mitchill, Trans. Litt. and Philos. Soc., I, pg. 467 — 1815; *Monacanthus filamentosus* e *M. gallinula* Vallenciennes, Iles Canaries, pg. 95 — 1836; *Monacanthus varius*, Ranz., Nov. Comm. Bonon., V, 6 — 1842; *Monacanthus massachusettensis* 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; *Ballistes 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, Thése, 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, Fishe, 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, Dif. Piez. est. 23 — 1787; *Monacanthus pullus*, Ranzani, Nov. Comm. Acd. Sci. Inst. Bonon. V, pg. 4, est. 1 — 1842; *Monacanthus macroceros*, Hollard. Ann. Sc. Nat., 4ª 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 parrayanus*, 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) = *Capriscus marium 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 oblongiusculus*, 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. & Schn., Syst., pg. 463 — 1801; *Balistes serraticornis* Freminville, 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 obliteratus*, 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 Julho, pg. 176 — 1903.

Alutera schœpfi (Walb.) = *Balistes schœpfii*, 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 holbrooki* e *A. cultrifrons* Hollard, Ann. Sci. Nat., 4 serie, pgs. 7 e 8, est. 1, fig. 2 — 1855; *Cera-*

Iacanthus aurantiacus, Gill, Cat. Fishes East. Coast. North Am, pg. 57 — 1861; *Alutera schœpfi*, 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.

Alutera scripta (Osbeck) = *Unicornu bahamensis*, Catesby, H. Nat. Carol., II, est. 19 — 1737; *Balistes scriptus*, Osbeck, Iter Chin., I, pg. 144 — 1757; *Balistes monoceros* v. *scriptus*, Gml., Syst. Nat., pg. 1.463 — 1788; *Lija trompa*, Parra, Dif. Piez, pg. 46, est. 22, fig. 1 — 1787; *Balistes lævis*, Bl., Ichthyol., IX, pg. 82, est. 414 — 1795; *Balistes ornatus*, Marion, Bull. Soc. Philom., pg. 131 — 1882; *Aluteres pareva*, Lesson, V, Coquille, Zool., pg. 106 — 1828; *Monacanthus proboscideus*, Ranzani, Nov. Com. Acad. Sc. Instituto Bonon., pg. 8 — 1842; *Aluterus venosus*, Hollard, Ann. Sc. Nat., 4ª serie, vol. IV, pg. 14, est. 1, fig. 3 — 1855; *Alutera picturata*, Poey, Pr. Acad. Nat. Sci. Philad., pg. 183 — 1863; *Monacanthus scriptus*, Günther, Cat., VIII, pg. 252 — 1870; *Alutera scripta* Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.718 e 1.719 — 1898 e pte. IV, est. CCLX, fig. 637 — 1900.

Davidia punctata (Agass.) = *Alutera punctata*, Agassiz in Spix, Pisces Bras., pg. 137, est. 76 — 1829; Castelnau, Anim. Nouv. etc., Poissons, pg. 96 — 1855; Jord. & Rutter, Pr. Acad. Nat. Sci. Philad., pg. 127 — 1896; ? *Monacanthus punctatus*, Günther., Cat., VIII, pg. 254 — 1870; *Alutera punctata*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pgs. 1.718 e 1.719 — 1898.

Teuthys cæruleus (Bl. & Schn.) — *Turdus rhomboidalis*, Catesby, Nat. Hist. Carol., II, pg. 10, est. 10, fig. 1 — 1742; *Acanthurus cæruleus*, Bl. & Schn., Syst., pg. 214 — 1801; *Acanthurus broussonetii*, Desm., Prem. Dec., pg. 26 — 1823; Cuv. & Val., Hist. Nat. Poiss., X, pg. 131 — 1835; *Acanthurus cæruleus? A. violaceus*, Casteln., Anim. Nouv. etc., pg. 25, est. 12, fig. 2 — 1855; *Acanthurus brevis*, Poey, Mem., II, pg. 207 — 1860; Günther, Cat., III, pg. 336 — 1861; *Acronurus cæruleatus*, Poey, Enum., pg. 69 — 1875; *Teuthys cæruleus*, Meek & Hoffman, Proc. Acad. Nat. Sci. Philad., pg. 228 — 1884; Jord. & Everm., Bull 47 U. S. Nat. Mus., II, pte., pgs. 1.690 e 1.691 — 1898.

Teuthys hepatus (L.) = *Teuthys hepatus*, Linneu, Syst. Nat., ed. XII, pg. 507 — 1766; *Chætodon chirurgus*, Bl., Ausl. Fish., pg. 99, est. 208, n. 24 — 1784; *Acanthurus hepatus*, Bl. & Schn., Syst. Ich., pg. 211 —

1801; *Acanthurus chirurgus* e *Acanthurus phlebotomus*, Cuv. & Val., Hist. Nat. Poiss., X, pgs. 123 e 129, est. 287 — 1835; *Acronurus fuscus*, Gronow, Cat., ed. Gray, pg. 119 — 1854; *Acanthurus chirurgus* e *Acanthurus phlebotomus* Cast., Anim. Nouv. ou Ráres, etc., pgs. 24 e 25 — 1855; *Acronurus 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 — 1829; *Ephippus faber* e *E. gigas*, De Kay, N. Y. Fauna, Fishes pgs. 97 e 98, est. 23, figs. 68 e 71 — 1842; Holbrook, Ichthyol S. Carol., pg. 107 — 1860; *Ephippus faber* e *E. gigas*, Günther, Cat., II, pg. 61 — 1860; *Chætodipterus faber*, Jord. & Gilbert, Synopsis, pg. 613 — 1883; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. II, pg. 1667 — 1898 e pt. IV, est. CCXLVII, fig. 619 — 1900; A. de Miranda Ribeiro, "Pescas do Annie", pg. 32 — 1903.

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Exped. to Brasil", pg. 62 — 1913; *Pomacanthus rathbuni*, Fauna Bras., *Chætodontidæ* — pg. 6, est. fig. 2 — 1915, Archivos do Mus. Nac., vol. XVII.

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des Poiss., pg. 121 — 1829; Desmarest, Dictionaire Classique d' Hist. Naturelle, Poiss, pg. 125, est. XCIV — 1831; D'Orbigny, Dict. Class. d'Hist. Nat., pg. 545 (tomo 8)— 1846; Castelnau, Animaux Nouveaux ou Ráres de l'Amer. du Sud, II, Poissons, pg. 4 — 1855; Günther, Cat., pg. 159 — 1859; *Myripristis lychnus*, Poey, II, vol. das Mem., pg. 159 — 1860; *Rhinoberyx chrysos*, Cope, Pr. Amer. Philos. Soc. 464 — 1870; Jord. & Everm., Bull. 47 U. S. Nat. Mus. I, pg. 846 — 1896.

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Oxylabrax undecimalis (Bl.) = *Camuri*, Marcgrav, Hist. Piscium, lib. IV, pg. 160, Piso & Marcgr. *Hist. Nat. Brasiliæ* — 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. Barbadœs, pg. 665 — 1847; o mesmo, Reisen in British-Guiana, III vol., pg. 620 — 1848; Guichenot in Ramon de la Sagra, H. Nat. de Fl. 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; Goeldi, 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.

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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. médius*, 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 cuvieri*, Bocourt, Ann. Sc. Nat. (5) IX, pg. 91—1868; *Centropomus pedimacula*, Vaillant & Bocourt, Miss. Sc. au Mexique, Poiss., pg. 29; *Centropomus cuvieri*, 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. (2ª 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. 1.122 — 1896.

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Rypticus saponaceus (Bl. & Schn.) = *Jaboncillo*, Parra, Dif. Piez. de H. Nat., pg. 51, est. 24, fig. 2 — 1787; *Anthias saponenceus*, Bl. & Schn., Syst. 310 — 1801; *Rypticus saponenceus*, Cuv. & Val., Hist. Nat. des Poiss.,

vol. III, pg. 46 — 1829; Storer, Syn. Fishes N. Am., 289 — 1846; *Rhyplicus microps*, Castelnau, Animaux Nouv. au Rares de l'Amerique du Sud, pg. 6 — 1855; *Rhyplicus arenatus*, Steind, Sitzs. ber. Akad. Wissenschaft. Wien, LVI, pg. 347 — 1867; *Rypticus 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; *Rhyplicus saponaceus*, Poey, Enum., pg. 34 — 1875; *Rypticus 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. Nac. Mus., pgs. 41 e 581 — 1886; Jord. & Eigenmann — Bull. of th U. S. Fish-Comm., pgs. 337, 338 e 340 — 1888 (1890); *Rypticus arenatus*, Jord. & Eigem. (parte), loc. cit., pgs. 338, 340; *Rypticus coriaceus*, Jord. & Eigenmann, op. cit., pg. 341; *Rhyplicus saponaceus*, Boulenger, Cat. I (2d ed.), pg. 348 — 1895.

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

Acanthistius brasilianus (Cuv. & Val.) = *Plectropoma brasilianum*, Cuv. & Val., II, pg. 397 — 1828; *Plectropoma aculeatum*, Cuv. & Val., IV, pg. 523 — 1830; Günther, Catal., I, pg. 163 — 1859; *Acanthistius brasilianus*, Jord. & Eigenmann, Bull. U. S. Fish. Comm., VIII — 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 chloropterum*, 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, Jorn. Sc. Lisb. (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.) = *Cuguapuguacu e Itaiara*, Maregrav., Hist. Nat. Brasil., Pisces, pg. 169 — 1648; Willoughby, Hist. Pisc., pg. 303 — 1686; *Perca guttata*, Linneu, 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. Beitrage, V, pg. 127 — 1876; *Oligorus terræ-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. & Bn. 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. Brasiliæ, pg. 152 — 1648; *Perca* 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; *Perca maculata*, Bloch, Ichthyol, est. 313 — 1792; *Trachinus osbeck*, 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. Barbadoes, 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. Ld., pg. 225 — 1868; *Serranus varius*; Boc., Ann. Sc. 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. Sc. 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., I (2d. ed.) I, 228) — 1895.

Cerna striata (Bl.) = *Cerna striata*, Seba, Thes. vol. 3°, pg. 76, est. XXVII, fig. 9, vol. 3° — 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. & Gilb., 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. & Eigenm., Proc. U. S. Fish. Comm., vol. VIII, pg. 356 — 1890 ; Boulenger, Cat., I, pg. 235 — 1895.

Cerna catus (Cuv. & Val.) = *Cuguapuguacu*, Catesby, Hist.-Nat. Carol., est. 14 — 1743 ; *Cabrilla*, Parra., Diff. Piez. de Hist. Nat. Cuba — 1787 ; *Lutjanus lunulatus* (bis) 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 ongus*, *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 preoccupado este nome por « E. adscensionis » chamada « Perca maculata » por Bloch — 1792.

Nat. Mus., V., pg. 58 — 1876; *Serranus stathouderi*, 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.) I vol., pg. 210 — 1895; *Epinephelus maculosus*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pte. I, 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 marginatus*, Lowe, Proc. Zoological Soc. London, pg. 142 — 1833; *Serranus fimbriatus*, o mesmo, Trans. Cambr. Philosophical Soc., VI, pg. 195 — 1836; *Serranus gigas* (parte) Yarrel, British Fishes, vol. I, pg. 15, c. f. — 1836; *Cerna gigas*, Bonat., Icon. Faun. Ital., III, introducção — 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, Jorn. de Scienc. de Lisbôa, vol. I, pg. 244 — 1867; *Serranus fimbriatus*, o mesmo, loc. cit., pg. 246; *Serranus gigas*, Steind., Sitzgsber. Akad. Wien, I. LVI, pg. 613 — 1867; *Epinephelus bracysomus*, 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. I, 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.) I 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. 2º, 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. Lon. 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. 1, fig. 2 — 1855; *Serranus nigritus*, Holbr., Ichthyol. N. Carol., pg. 173, est. XXV, fig. 11 — 1856; *Serranus niveatus*, *Serranus margaritifer* e *Serranus nigritus*, Günth., Cat., I, pgs. 130, 131 e 134 — 1859; *Serranus conspersus*, Poey, Mem., II, pg. 139 — 1860; *Hyporthrodus flavicauda* e *Epinephelus nigritus*, 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; *Hyporthrodus flavicauda*, Cope, Pr. Ac. Philad., pg. 119 — 1870; *Epinephelus flavolimbatus*, Poey, Enum., pg. 15 — 1875; *Epinephelus nigritus*, 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 nigritus* e *E. niveatus*, Jord. & Swain, Proc. U. S. Nat. Mus., VII, pgs. 380 e 386 — 1884; *Epinephelus nigritus*, 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. nigritus* e *E. merus* Jord. & Eigenmann., Bull. U. S. Fish. Commission, VIII, pgs. 357, 361 e 362; *Epinephelus niveatus* e *E. nigritus*, Boulenger, Cat. Fishes. B. Mus., 2ª 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. f. — 183; *Serranus acutirostris* Cuv. in Webb & Berth. I. Can., Icthyol., 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. flavocaeruleus*, Günther, Catal., I, pgs. 134, 135, 143 e 144 — 1859; *Cerna macrogenis*, Canestrini, Mem. Ac. Torino, (2ª) 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, 1 pg. 616, est. II, fig. 1 — 1867; *Epinephelus chalimus*, Cope, Trans. Am. Philos. Soc., (2) XIV, pg. 465 — 1871; *Serranus macrogenis*, Canestrini, Fauna Ital, Pesci, pag. 76 — 1874; *Epinephelus cuvieri*, Bleck, 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. Ittiol. 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. I (2da 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. (2ª ed.), vol. I, pg. 261 — 1895.

Epinephelus microlepis (Gde. & Bn.) = *Serranus aculirostris* (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. decimalis*, *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., Pr. 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. 142 e 143 — 1859; *Serranus camelopardalis*, *S. felinus*, *S. riculatus*, 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-punticulata* e *Turdus cauda-convexa*, Catesby, Nat. H. Carol., VII est., e X, fig. 2 — 1743; *Labrus fulvus* e *Perca punctata*, L. Syst. Nat. pgs. 287 e 296 — 1758; *Guativere* e *G. amarilla*, Parra Diff. Piez., est. V, figs. 1 e 2 — 1787; *Perca punctulata*, Gmlin, Syst. Nat., pag. 1.315 — 1788; *Perca punctata* e *Holocentrus auratus*, Bl., Ichthyol., vol. VII, pg. 57, ests. CCXXXVI e CCCXIV — 1792; Bl. & Schn., Syst. Ichthyol., pg. 314 — 1801; *Bodianus guativere* e *Gymnocephalus ruber*, os mesmos, Syst., pgs. 336 e 346, est. 67 — 1801; *Serranus auratus*, *Serranus oualibi* e *S. carauna*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pgs. 364, 381 e 384 — 1828; *Serranus guativere*, *S. oualalibi*, Müll. & Tr., in Schomb, H. Barb., pg. 665 — 1848; *S. oualalibi*, Guichenot, in La Sagra, pag. 11 — 1853; *S. oualalibi* e *S. caraúna*, 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 oualalibi*, Gunth., Cat. vol. I, pg. 120 — 1859; *Serranus auratus*, Peters, Berl. Monatsber, pg. 103 — 1865; *Serranus guativere*, Steind., Verhandl. Zool-Botan. Geselsch. Wien, vol. XVI, pg. 776 — 1866; *Serranus oualalibi*

e *S. guativere*, Poey, Rep., vol. I, pgs. 202 e 203 — 1867; — *Enneacentrus punctatus*, o mesmo, Syn., pg. 288 — 1868; *Serranus guativere* 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 (Lecép.) = *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; *Petromelopon 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; *Petromelopon 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.

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Haliperca formosa (L) = *Perca formosa*, Linneu, Syst. Nat. (in fide 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. fasciularis*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pgs. 244 e 245, est. 30 — 1833; *Serranus fasciularis*, Cuv., Régne Anim. — 1829; Cuv. & Val., vol. IX, pg. 431 — 1833; Storer, Syn., pg. 280 — 1846; *Centropristis radians* e *C. fasciularis*, Günther, Cat., vol. I, pg. 83 — 1859; *Diplectron 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; *Diplectron radians*, o mesmo, Ann. Lyc. Nat. Hist., pg. 34 — 1871; *Diplectron fasciculare*, Gill, Cat. Fishes E. C. N. Am., pg. 28 — 1873; *Diplectron radians*, Poey, Enum., pg. 23 — 1875; An. Soc. Espan., vol. IV, pg. 97 — 1875; *Serranus fasciularis*, 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, Qouy & 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., Régne 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. I, 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. Régne 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*, Guichnn, Ann. de la Soc. Lin. Maine et Loire, pg. 87 — 1868; *Brachyrhinus creolus*, Poey, Synopsis, pg. 281 — 1868; *Serranus creolus*, Günth., Fish of Centr. 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 (?) *lonsor* (Cuv. & Val.) = *Serranus lonsor*, Cuv. & Val., Hist. Nat. Poiss., vol. II, pg. 195 — 1828; *Anthias lonsor*, Günther, vol. I, pg. 91—1859; *Odontanthias* (?) *lonsor*, Jordan & Eigenmann, Bull. U. S. Fish. Comm., vol. VIII, pgs. 415 e 416 — 1890; *Anthias lonsor*, 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 & Eiegenm., 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., *Serranidæ*, pg. 36 — 1913.

Lobotes surinamensis (Bl.) = *Holocentrus surinamensis*, Bl., Ichthyol., est. 243 — 1890; *Bodianus triurus*, Mitchill, 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", nos. 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 auratus 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 brasilianus (Cuv. & Val.) = *Gerres brasilianus*, Cuv. & Val., vol. VI, pg. 344 — 1830; *Gerres patáo*, Poey, Mem., II, pg. 320 — 1868; *Gerres brasilianus*, 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 1379 — 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*, Marcgrav., 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. & Schn., Syst., pgs. 268, 310 e 338 — 1801; *Bodianus vivanet*, Lacép., Hist. Nat. Poiss., vol. IV, est. 4, fig. 3 — 1803; *Mesoprion griseus* e *M. cyanopterus*, 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, Smithonian, Report (9°) 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. Bounnd Surv., est. 18, IX, figs. 5 e 8 — 1859; *Neomænis emarginatus*, Gill, Proc. Acad. Nat. Sc. Philad., pg. 94 — 1861; *Lutjanus novemfascialus*, 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, Prc. 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. — 1892; *Sparus caxis* e *Bodianus striatus*, Bl. & Schn., Syst., pgs. 284 e 335, est. 65 — 1801; *Lutjanus aculirostris*, 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 albostriatus*, 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. CXCVII, 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. Poss., 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*, Linneu, Syst. Nat., pg. 280 — 1758; Gmlin., Syst. Naturæ, 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, 1.884 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. Lyc. 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; *Pagelus microps*, Guichenot, in Sagra H. Nat. Cuba, pg. 188, est. 3, fig. 1—1845; *Pagellus humilis*, Poey, Ann. Synopsis, pg. 308—1868; *Grammateus humilis*, Poey, Ann. Lyc. Nat. Hist. N. York, pg. 182—1872 e Enum., pg. 56—1875; *Pagelus milneri*, Good & Bean, Pr. U. S. Nat. Mus., pg. 134—1879; *Calamus penna* e *C. microps*, Guichenot, Revision des Pagels. Mem. Soc. Imp. de Cherburg, 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, Eunum, pg. 57 — 1875; *Sargus caribæus*, Poey, Fauna P. Riqueña, pg. 328 — 1881; *Diplodus caribæus*, Jord., & Gilb., Syn., pg. 930 — 1883; *Diplodus unimaculatus*, Jord. & Gilb., Pr. U. S. Nat. Mus., pg. 128 — 1884; Bean, estes Procedings, 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. H., 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. *CCCXXIII*—1790; *Sparus sciurus*, Shaw, Gen. Zool., vol. IV, est. 64—1803; *Hæmulon elegans*, Cuv., Régne Anim., vol. II (2ª ed.), pg. 175,—1829; Cuv. & Val., vol. V, pag. 227—1830; *Hæmulon 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 arára* 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 Decàde 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. & Valenc., Hist. Nat. des Poiss., vol. V, pg. 175, est. 121 — 1830; *Hæmulon xanthopterum*, Günther, Cat., vol. I, pg. 312 — 1859; *Anarmostus 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, Prc. U. S. Nat. Mus., pgs. 286 e 305 — 1884; Jord. & Fesler, Rep., U. S. Fish Comm., pgs. 466 e 476 — 1893; Jord. & Evernm., 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 parræ*, 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 *Hæmulon caudimacula*, 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 ste indachneri*, Jord. & Swain, Proc. U. S. Nat. Mus., vol. VII, pgs. 285 á 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., & Evern., 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; *Hæmulon 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.) = *Hæmulon aurolineatum*, Cuv. & Val., vol. V, pag. 237 — 1830; Günther, Cat., vol. I, pg. 318 — 1859; *Hæmulon jeniguano*, Poey, vol. II, pg. 183 — 1860; *Bathystoma jeniguano*, Putnam, Bull. Mus. Comparat. Zool., pg. 12 — 1863; *Hæmulon jeniguano*, Poey, Synopsis, pg. 319 — 1868; Poey, Enum., pg. 47 — 1875; *Diabasis jeniguano*, Jord. & Gilb. — Synopsis, pg. 925 — 1883; *Hæmulon 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.) = *Capéüna*, Marcgrve, pg. 155 — 1648; *Perca striata*, Linneu, Syst. Nat., pg. 293 — 1758; *Grammistes trivittatus*, Bl. & Schn., Syst., pg. 188 — 1801; *Serranus capéüna*, Licht, Abhandl. Berl. Akad., pg. 288 — 1821; *Hæmulon capéüna*, Cuv., Règne Anim., pg. 176 — 1829; *Hæmulon quadrilineatum*, Cuv. & Val., vol. V, pg. 238, est. 120 — 1830; Günther, Cat., vol. I, pg. 316 — 1859; *Hæmulon quinquelineatum*, Poey, Mem., pg. 419 — 1860; o mesmo, Report., vol. I, pg. 310 — 1867 e vol. II, pg. 161 — 1868; Enum., pg. 47 — 1895; *Hæmulon capéüna*, Goode, Bull. U. S. Nat. Mus., vol. V, pg. 53 — 1876; *Diabasis trivittatus*, Jord. & Gilb., Synopsis, pg. 554 — 1883; *Hæmulon quadrilineatum*, Jord. & Swain. Pr. U. S. Nat. Mus., pgs. 277 e 311 — 1885; *Hæmulon 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.) = *Hæmulon chrysargyreum*, Günth, Cat., vol. I, pg. 314 — 1859; *Hæmulon tæniatum*, Poey, Mem., vol. II, pg. 182 — 1860; *Brachygenys tæniata*, Poey., Synopsis, pg. 310 — 1868; Poey, Enum., pg. 47 — 1875; *Hæmulon chrysargyreum*, Günth., Shore Fishes of Chall. Exped., pg. 7 — 1880; Jord., Proc. U. S. Nat. Mus., pg. 126 — 1884; *Hæmulon tæniatum*, Jord. & Swain, loc. cit., pg. 307; *Hæmulon 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 antillanus*, 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.) = *Hæmulon corvineforme*, Steind. Ichthyol. Notizen, vol. VII, pg. 16 — 1868; *Pomadasys corvinæformis*, Jord. & Fesler, pgs. 492 e 495 — 1893; *Pomadasys 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. 110 — 1897; Jord. & Eigenmann, Bull. 47 U. S. Nat. Mus., pg. 1.326 — 1898.

Pomadasys ramosus (Poey.) = *Pristipoma ramosum*, Poey, Mem., vol. II, pg. 186 — 1860; *Pristipoma boucardi*, Steind., Ichthyol., not. IX, pg. 1 — 1869; *Pomadasys 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.

Pomadasys 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; *Pomadasys approximans*, Bn. & Dres., Pr. U. S. Nat. Mus., pg. 160 — 1884; *Pomadasys 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 Ráres 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; *Haemulon 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; *Pomadasys 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 vittatus*, 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 rodo*, 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; *Pomadasys 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; *Dagramma cavifrons*, Cuv. & Val., Hist. Nat. des Poiss., vol. V, est. 123 — 1830; *Genyatremus luteus*, Jord. & Fesler, Report. U. S. Fish. Comm., pg. 504 — 1893; Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pg. 13 — 1898.

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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.

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& 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.

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parvipinnis, Jord. & Everm., Bull. 47 U. S. Nat. Mus., II parte, pgs. 1.398 e 1.399 — 1898.

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

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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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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 uniocellata*, Casteln., Anim. Nouv. etc., Poiss., pg. 15, est. VI, fig. 1 — 1855; *Acará, tetramerus, A. viridis, A. pallidus, A. uniocellatus* e *A. dimerus* Günther, Cat., IV, pgs. 277, 280 e 281 — 1862; *Acará flavilabris*, Cope, Pr. Am. Philos. Soc., pg. 570 — 1870; *Acará portalegrensis*, Hensel, Archif f. Naturg., 36 Iharg., 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; *Astronotos (Equidens) tetramerus*, Eigenm. & Bray, Ann. N. Y. Acad. of. Sci., vol. VII, pg. 617 — 1894; *Acará tetramerus*, *A. viridis*, *A. diadema*, *A. pallidus*, *A. dimerus*, Göeldi, 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; *Equidens 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. Ihering. Rev. do Mus. Paulista, vol. VII, pg. 311 — 1907; Eigenm., Report. Princet. Univ., vol. III, pg. 472 — 1910.

Æquidens sub-ocularis (Cope) = *Geophagus 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; *Geophagus 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. Ihering, Rev. Mus. Paulista, vol. VII, pg. 311 — 1907; Eigenmann, Report. Princet. Univ., vol. III, pt. IV, pg. 472 — 1910.

Astronotos ocellatus (Agass.) = *A. ocellatus* Peixes, est. XI, Alexandre Rodrigues Ferreira — 1783-93; *Loboles ocellatus*, Agass. in Spi, 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; *Cychla rubro-ocellata*, Schomb., Fishes Guiana, II, pg. 153, est. X — 1852; *Hygrogonus ocellatus*, Günth, Cat., IV, pg. 303 — 1862; *Acará compresus*, 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 *Hygrogonus 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. Ihering, Rev. Museu Paulista, vol. VII, pg. 313 — 1907; Eigenm., Report. Princet. Univ., vol. III, pt. IV, pg. 470 — 1910.

Cihla 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., Régne Anim. (II), pg. 279 — 1829; *Cihla 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; *Cichla orinocensis*, Günther, op. cit., pg. 309— 1862; Cope, Proc. Amer. Philos. Soc., pg. 697 — 1878; Steind., Beitr. Kenntn. Flussfische Sud-Am., IV, Denkscrift 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.

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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. ?, 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.

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Geophagus surinamensis (Bl.) = *Sparus surinamensis*, Bl., Ichthyol, VIII, pg. 89, est. 277, fig. 2 — 1797; *Geophagus altifrons* 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; *Satanopesca 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. 7ª, 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* (*Satonoperca*) *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. 7ª, 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.

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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.

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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 & Eigenmn, 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. 7ª, 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.

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Heterogramma agassizii (Steind.) = *Geophagus* (*Mesops*) *agassizi*, Steindachner, Sitzungsber. Akad. Wien, LXXI, Bd. I e II, Heft., pg. 111, est. VIII, figs. 2, 2ª 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. 7ª — 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 amœnus*, 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 tæniatus*, 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. 7ª, vol. XVII, pg. 65 — 1906; Rud. Ihering, Rev. Mus. Paulista, 324 — 1907; Eignm. & 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 tæniatus* (pt.) Boulenger, Bol. Mus. Torino, X, pg. 33 — 1895; *Heterogramma combæ*, Regan, Annals & Mag. Nat. Hist., ser. 7ª, vol. XVII, pg. 64 — 1906; Rud. Ihering Rev. do Museu Paulista, vol. VII, pg. 324 — 1907; *Heterogramma corumbæ*, Eigem Mc. Actee & Ward, Annals of the Carnegie Museum, vol. IV, n. II, pg. 146, est. XLV, fig. 3 — 1907.

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Chætobranchus flavescens, Heck. = *Chætobranchus flavescens* e *C. brunneus*, Heckel, Ann. Wien. Mus., II, pgs. 402 e 405 — 1840; *Chromis ucayalensis*, Castelu, Anim. Nouv. ou Rares, 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; *Chætobranchus robustus, brunneus*, Göldi, Bol. Museu Paraense, II, pgs. 452, 473 e 474 — 1898; *Geophagus badipinis*, Pellegrin, Mem. Soc. Zool. de France, XVI, pg. 201 — 1904; *Chætobranchus flavescens*, Régan, Ann. & Mag. Nat. Hist., ser. 7ª, 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.

Chætobranchus semifasciatus, Steind, = *Chætobranchus 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.

Chætobranchopsis orbicularis, Steind, = *Chætobranchoides 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. 7ª, 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.

Chætobranchopsis 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. 7ª, 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; Pellegrin, Mém. Soc. Zool. de France, XVI, pg. 244 — 1903 (1904); *Cichlasoma spctabile*, Régan, Ann. & Mag. Nat. History, vol. XVI, ser. 7ª, 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. Brs. 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 tænia*, Benet., Pr. Zool. Soc., vol. 1, pg. 112 — 1830; *Acará margarita*, *A. punctatus*, *A. tænia* e *A. gronovii*, Heck., Ann. Wiener Mus., II, pgs. 338, 360 e 361 — 1840; *Chromis tænia*, Storer, Mem.

Amer. Acad., II, pg. 520 — 1846; *Cichlasoma taenia* Gill, Fishes Trinidad, pg. 23 — 1858; *Acará bimaculatus*, Günth., Cat., IV, pg. 276 — 1862; Steind., 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. 7ª, 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 coryphænoides (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* Göldi, 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. 7ª, 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*, Steind., 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. 7ª, 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 Ráres 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*, Steind., Ichthiol. Not., IX, pg. 3, est. II, Sitzungsber. Akad. Wien — 1869; *Acará autochton*, Steind., SW. Fische So. Bras., pg. 4, est. I, LXX Bd. Sitzungsber 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-Fishe, pg. 265; *Heros acaroides*, Hensel, Wirbelthiere Süd Bras. Archif f. Naturgesch, Iharg. 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. *coryphæus*, *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*, Steind. 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 Archiff. Natu. gr 36 Iharg., 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. 7ª, 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.

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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.

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Tautogolabrus brandaonis (Steind.) = *Crenolabrus* (*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*, Marcgrav, 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; *Halichœres 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; *Ichthycallus 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; *Chœrojulis humeralis*, Goode & 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; *Halichœres 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.

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

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— 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 & Bn., Pr. U. S. Nat. Mus., pg. 45 — 1884; os mesmos, loc. cit., pg. 195 — 1885; *X. venulius* 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.

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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 abildgaardi (Bl.) *Vieja*, Parra, Dif. Piez., pg. 58, est. 28, fig. 2 — 1787; *Scarus abildgaardi*, Bl., Ichthyol, est. 259 — 1791; *Scarus coccineus*, Bl. & Schn., Syst., pg. 289 — 1801; *Scarus aureoruber*, Lacép., Hist. Nat. Poiss., IV, pgs. 55 e 163 — 1803; *Scarus, abildgaardi*, Cuv. & Val., Hist. Nat. Poiss., vol. XIV, pg. 130 — 1839; *Sparisoma abildgaardi*, Sws., Nat. Hist. Class., Fisches, II, pg. 227 — 1839; *Scarus amplus*, Ranzani, Nov. Com. Ac. Sci. Instit. 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. 111 — 1875, Cope, Trans. Am. Philos. Soc., pg. 462 — 1871; *Sparisoma abildgaardi*, 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 hoplomystax*, 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 chrsopterus*, 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. Acd. 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 — 1737; *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 Rares de L'Amerique 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.

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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.

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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*, Girad, Pr. Acad. Nat. Sci. Philad., pg. 169 — 1858; *Eleotris omocyaneus*, 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.

Eleotris pisonis (Gml.) = *Amoré-pixúna*, Marcgr., Pisces Rer. Nat. Bras., pg. 166 — 1648; Gmlin, Syst. Nat., 1.206 — 1788; *Gobius amorea*, Wal. baum, Artedi Piscium, III — 1792; *Eleotris gyrinus*, Cuvier & Val., XII, pg. 166, est. 356 — 1837; *E. belizianus*, Sauvage, Bull. Soc. Philom. Paris, pg. 55 — 1879; *E. beliziana e E. pisonis*, Eigenm. & Fordice, Pr. Acad. Nat. Sci. Philad., pg. 75 — 1885; Jord. & Eigenmann, Pr., Cal. Acad. Sci., 2ª ser., vol. I, pte. I, pg. 55 — 1888; *Eleotris pisonis*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. 1ª, pg. 2.201 — 1898 e parte IV, est. CCCXXV, fig. 383 — 1900; Everm. & Marsh., Bull. U. S. Fish. Comm., vol. XX, pt. I, pg. — 270, c. fig. — 1902.

Eleotris perniger, Cope, = *E. perniger*, Cope, Transactions Amer. Philosophical. Soc., pg. 473 — 1870; Eigenmann & Eigenmann, Proc. Calif. Acad. Sci., vol. I, parte I, pg. 55 — 1888; Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 2.201 — 1898.

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Chonophorus tajacica (Licht.) = *Amoré guaçú*, Marcgrave, pg. 166 — 1648; *Gobius tajacica*, Licht, Abhandlungen Akademie Wiessenchaft z. Berlin, pg. 273 — 1822; *Gobius banana* e *G. martinicus*, Cuv. & Val., XII, pgs. 78 e 79 — 1837; *Gobius martinicus*, Casteln., Anim. Nouveaux etc., pg. 26 — 1855; *Gobius banana*, Günther, Cat., III, pg. 59 — 1861; *Chonophorus bucculentus*, *Rhinogobius contractus*. Poey, Mem., pgs. 275 e 424 — 1861; *Gobius dolichocephalus*, Cope, Trans. Amer. Phil. Soc. Philad., pg. 403 — 1869; *Gobius banana*, Cope, Ichthyol. Antilles, pg. 473 — 1871; *Chonophorus bucculentus* e *Rhinogobius contractus*, Poey, Enum., pg. 125 — 1875; *Gobius banana*, Steind. Ichthyol. Not., VI, pg. 45 — 1876; Poey, F. Puerto-Riqueña, pg. 338 — 1881; *Gobius banana*, Jord. & Gilbert Pr. U. S. Nat. Mus., pgs. 338 e 379 — 1882; *Chonophorus tajacica*, Jord. & Eigenmann, Pr. U. S. Nat. Mus., for 1886, pg. 501 — 1887; Eigenmann & Eigenmann, Pr., Calif. Acad. Sci., 2ª ser., vol. I, pte. I, pg. 68 — 1838; *Awaous tajacica*, Jord. & Everm., Bull. 47 U. S. Nat. Mus., pt. I, pg. 2.236 — 1898; Miranda Ribeiro, "Lavoura", Peixes do Rio Pomba — 1902; Everm. & Marsh., Bull. U. S. Fish. Comm., vol. XX, 1ª parte, pg. 297 — 1902; Steindachner, Ann. Wiener Museums, XXIV Bd., pg. 423 — 1910.

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ADVERTENCIA

Tendo sido o presente trabalho publicado em dous volumes dos Archivos — XVII e XXI, os numeros das paginas, impressos em typo mais forte, referem-se ao volume XVII. Outro-sim, como aquelle volume, por conveniencias administrativas, foi paginado por familias, no indice geral, aqui dado, foram despresadas as paginas intermediarias sem texto.

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