

FISHES OF CHILE. SYSTEMATIC CATALOG.

By

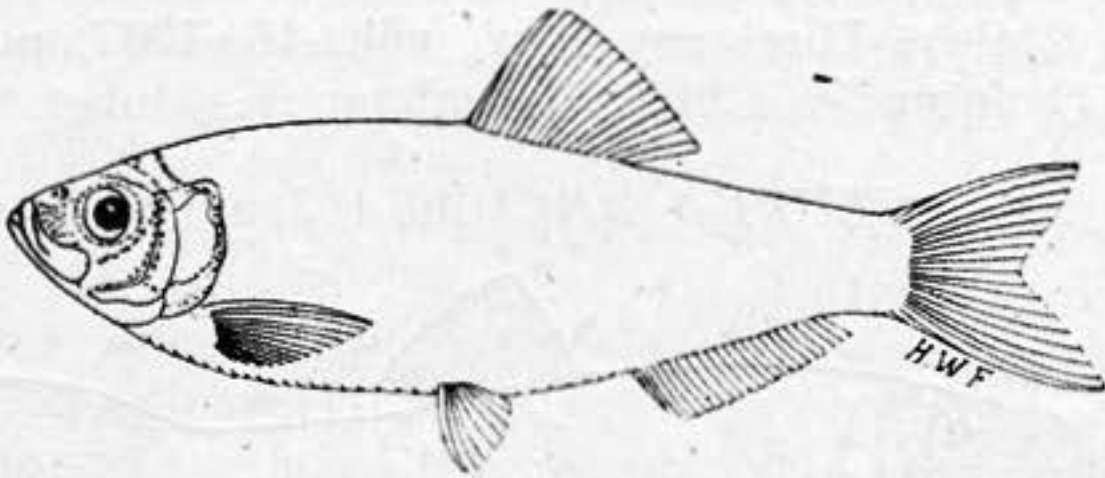
Henry W. FOWLER

*Curator of Fishes, The Academy of Natural Sciences
to Philadelphia*

PART. 2

Sub-Class TELEOSTOMI
Fishes

Order ISOSPONDYLI

Family CLUPEIDAE
Herrings*CLUPEA FUEGENSIS* Jenyns
Sardina*Clupea fuegensis* Jenyns. From Smitt 1898

Clupea fuegensis Jenyns, Zool. Voy. Beagle pt. 4, Fish, 1842, p. 133 (type locality, Cape Ines, Tierra del Fuego, in 13 fathoms).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 320 (Valparaíso).— Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 413 (type).— Smitt, Bih. Svensk. Vet. Akad. Handl., vol. 24, afd. 4, N.º 5, 1898, p. 59, pl. 5, fig. 41 (Puerto Gallego). — Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 1, 1900, p. 6 (reference); Cat. Peces de Chile, 1901, p. 40 (Talcahuano; Patagonia coast; Tierra del Fuego, Puerto Gallegos)..— Dollo, Voy. Bélgica, Poiss., 1904, p. 92 (reference).— Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 15 (Punta Arenas). —Regan, Trans. Roy. Soc. Edinburg, vol. 49, 1913,

p. 231, fig. 14 (outline) (Port Stanley, Falklands).
 —Hussakof, Bull. Amer. Mus. Nat. Hist., vol. 33, art. 4. Feb. 13, 1914, p. 88 (Ushuaia, Tierra del Fuego).
 Regan, Ann. Mag. Nat. Hist. London, ser. 8, vol. 18, 1916, p. 4 (Falklands). — Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 155, (lat. 52° to 56° S.) — Norman Discovery Rep., vol. 16, 1937, p. 37 (lat. 52°—53° S., long. 60°—69° W.; Tierra del Fuego).

Sardinella fugensis Thompson, Proc. U. S. Nat. Mus., vol 50, 1916, p. 457 (Lota, Chile).

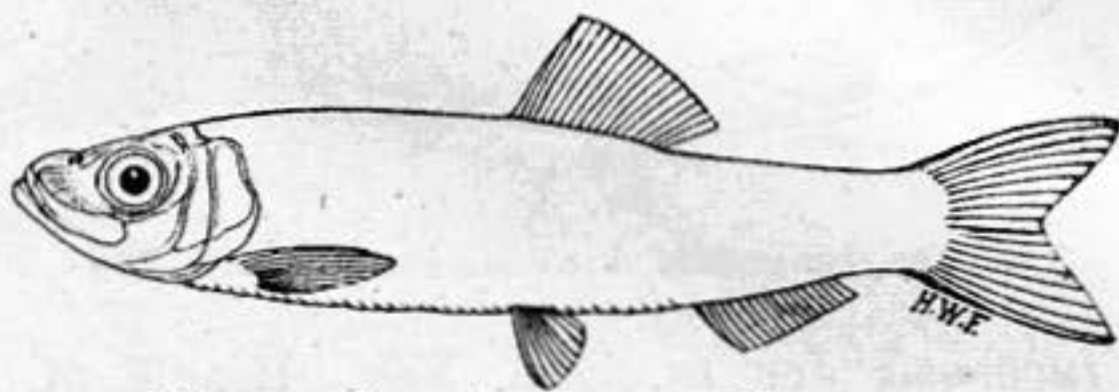
Clupea arcuata (not Jenyns) Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss, 1888, p. (c5) c16, pl. 2, fig. 2 (baie Ponsonby; Santa Cruz de Patagonia).

Chile (Bay of Ponsonby, Cape Ines, Lota, Punta Arenas, Puerto Gallegos, Talcahuano, Ushuaia, Valparaíso). Patagonia, Falklands. No specimens seen.

CLUPEA BENTINCKI Norman

Clupea bentincki Norman, Ann. Mag. Nat. Hist. London, ser. 10, vol. 17, 1936, p. 491 (type locality, Talcahuano, Chile); Discovery Rep., vol. 16, 1937, p. 38, fig. 15 (holotype). Chile (Talcahuano).

CLUPEA ARCUATA Jenyns



Clupea arcuata Jenyns. Uruguay.

Clupea arcuata Jenyns, Zool. Voy. Beagle, pt. 4, Fish, 1842, p. 134 (type locality, Bahía Blanca). — Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 442 (typical specimen). — Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 655 (Beagle Canal). — Smitt, Bihang Svensk. Vet. Akad. Handl., vol. 24, afd. 4, N.º 5, 1898, p. 62, pl. 5, fig. 42 (Puerto Gallegos). — Delfin, Cat. Peces de Chile, 1901, p. 40 (Tierra del Fuego, Beagle Channel, Patagonia coast). — Dollo, Voy. Belgica, Poiss, 1904, p. 93 (reference). — Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 405 (Montevideo). — Regan, Ann. Mag. Nat. Hist. London, ser.

S, vol. 19, 1917, p. 228 (Montevideo; types). — Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 155 (lat. 40° to 52° S.).— Norman, Discovery Rep., vol. 16, 1937, p. 39, fig. 16 (outline) (9 miles N. 21° E. of Arenas Point Light, Tierra del Fuego). Chile (Bahía Blanca, Beagle Canal, Puerto Gallegos), Argentina, Patagonia, Uruguay.

ARENGUS SAGAX (Jenyns)

Sardina española

- Clupea sagax* Jenyns, Zool., Voy. Beagle, pt. 4, Fish, 1842, p. 134 (type locality, Lima, San Lorenzo Island).— Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 443 (Valparaíso, Chile). — Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 37 (Chile); N.º 7, 1879, p. 58 (Chile).— Günther, Rep. Voy. Challenger, Zool., vol. 1, pt. 6, 1880, p. 25 (Valparaíso).— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 112 (reference).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 331 (Cavancha Bay, Iquique).— Delfin, Revista Chil. Hist. Nat., vol. 4 N.º 2, 1900, p. 21 (reference); Cat. Peces de Chile, 1901, p. 39 (reference).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 72, 1902, p. 147 (Antofagasta).— Porter, Revista Chil. Hist. Nat., vol. 13, Nos 4-5, 1909, p. 282.
- Sardinia sagax* Regan, Ann. Mag. Nat. Hist. London, ser. 8, vol. 18, 1916, p. 13, pl. 1, fig. 1 (Chile).
- Clupanodon sagax* Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso).
- Sardina sagax* Fowler, Proc. Acad. Nat. Sci. Phila., 1926, 277 (Valparaíso).
- Arengus sagax* Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 745, fig. 4 (outline) (no locality); Proc. Acad. Nat. Sci. Phila., 1940, p. 175 (Mocha and Angol, Chile); Bull. U. S. Nat. Mus., N.º 100, vol. 13, 1941, p. 622 (Japan; Natal).
- Alosa musica* Girard, Proc. Acad. Nat. Sci. Phila., 1854, p. 199 (type locality, Caldera Bay, Chile); U. S. Naval Astronom. Exped., vol. 2, Fishes, 1855, p. 246, pl. 31, figs. 1-4 (type).
- Alausa fimbriata* (not *Spratella fimbriata* Valenciennes) Kner and Steindachner, Sitzs. Akad. Wiss. Wien, vol. 54, 1866, p. 386, fig. 15 (type locality, Valparaíso?).— Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 11 (Chile); N.º 4, 1869, p. 25 (Chile); N.º 7, 1879, p. 58 (Chile).

Clupanodon fimbriatus J. F. Abbott, Proc. Acad. Nat. Sci. Phila., 1899, p. 475 (Valparaíso).

Clupea advena Philippi, Archiv Naturgesch., vol. 45, 1879, p. 161, pl. 10 (type locality, Chile).— Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 22 (Tomé)— Quijada, Bol. Mus. Nac. Chile, vol. 5, pt. 1, 1913, p. 89 (Chile).

Chile (Angol*, Antofagasta, Caldera Bay, Iquique, Mocha*, Tomé, Valparaíso*). Perú. Also widely distributed in the Pacific and Indian Oceans. Lieutenant W. Stephen Thomas reports a sardine, likely this species, at Antofagasta.

ETHMIDIUM MACULATUM (Valenciennes)

Machuelo

Alausa maculata Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 20, 1847, p. (316)430 (type locality, Valparaíso, Chile).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119 (Antofagasta).

Alosa maculata Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 322 (Valparaíso); atlas, 1854, pl. 10, fig. 2.

Clupea (Alosa) maculata Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 330 (Cavancha Bay, Iquique).

Clupea maculata Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 12, 1899, p. 178 (Bahía de Concepción); vol. 4, N.º 1, 1900, p. 6 (Tomé); Cat. Peces de Chile, 1901, p. 39 (reference).

Clupea maculatus Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 89 (Chile).

Ethmidium maculatum Regan, Ann. Mag. Nat. Hist. London, ser. 8, vol. 19, 1917, p. 302 (Valparaíso, Herradura Bay).— Fowler, Proc. Amer. Philos. Soc. vol. 82, N.º 5, 1940, p. 745, fig 9 (outline) (Valparaíso); Bol. Mus. Hist. Nat. Univ. San Marcos, año 5, N.º 17, 1941, p. 233 (Perú).

Alausa coerulea Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 20, 1847, p. (317)432 (type locality, no locality = Chile).

Alosa coerulea Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 323 (bahía de Valparaíso).

Alausa caerulea Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 413 (reference).

Clupea coerulea Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 22 (reference); Cat. Peces de Chile, 1901, p. 40 (reference).

- Ethmidium coerulea* Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456)460 (Lota, Chile).—Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 277 (Valparaíso).
- ¿*Alausa menhaden* (not Mitchill)) Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 25 (Chile).
- ¿*Clupea menhaden* Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 37 (Chile); N.º 7, 1879, p. 58 (Chile); N.º 9, 1884, p. 39 (Chile).
- Clupea notacanthus* Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 443 (type locality, Valparaíso).—Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 473 (Herradura Bay, Chile).—Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 21 (reference); Cat. Peces de Chile, 1901, p. 39 (reference).—Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 56 (reference).
- Clupea (Alosa) notacanthoides* Steindachner, Sitzs. Akad. Wiss. Wien, vol. 60, 1869, p. 309, pl. 7 (type locality, "Mazatlán"—Chile?).
- Potamalosa notacanthoides* J. F. Abbott, Proc. Acad. Nat. Sci. Phila., 1899, p. 475 (Valparaíso).—Fowler, Bol. Mus. Hist. Nat. Univ. San Marcos, año 5, N.º 17, 1941, p. 232, fig. 7 (outline) (Perú) Chile (Antofagasta, Iquique, Lota, Tomé, Valparaíso*).
- The nominal *Stolephorus alburnus* (Kner and Steindachner), not seen since originally described, may even have been wrongly credited to Chile? Its references are:
- Alosa alburnus* Kner and Steindachner, Sitzs. Akad. Wiss. Wien, vol. 54, 1866, p. 387, fig. 16 (type locality, Valparaíso, Chile).
- Alausa alburnus* Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 11 (Chile).
- Stolephorus alburnus* Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 468 (copied).—Delfin, Cat. Peces de Chile, 1901, p. 41 (reference).
- Spratelloides alburnus* Delfin, Revista Chil., Hist. Nat., vol. 4, N.º 2, 1900, p. 22 (reference).

Family ENGRAULIDAE
Anchovies

ENGRAULIS RINGENS Jenyns
Sardina

Engraulis ringens Jenyns, Zool. Voy. Beagle, Fish, vol. 4,

1842, p. 136 (type locality, "Iquique, Perú").— Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 21, 1848, p. (19) 27 (copied).— Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 325 (costas de Chile).— Günther, Cat. Fish. Brit. Mus., vol. 7, 1868, p. 386 (Perú; Valparaíso).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 331, (Tumbes, Talcahuano).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 12, 1899, p. 178 (Bahía de Concepción); vol. 4, N.º 1, 1900, p. 5, (Talcahuano); Cat. Peces de Chile, 1901, p. 41 (Talcahuano).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 282.— Fowler, Proc. Acad. Nat. Sci. Phila., 1911, p. 219 (probably Pe-casmayo Bay Perú).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 89 (Chile).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 203 (Valdivia).— Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456) 461 (Lota, Chile).— Evermann and Radcliffe, Bull. U. S. Nat. Mus., N.º 95, 1917, p. 23, pl. 3, fig. 1 (Peruvian localities).— Jordan and Seale, Bull. Mus. Comp. Zool., vol. 67, N.º 11, May 1926, p. 390 (Panamá; Perú).— Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 747, fig. 10 (outline) (Perú or Valparaíso); Proc. Acad. Nat. Sci. Phila., 1940, p. 176 (Mocha and Angol, Chile).— Hildebrand, Bull. Gingham Ocean, Coll., vol. 8, art. 2, Feb. 1943, p. 16 (Lota, Chile).

Engraulis pulchellus Girard, Proc. Acad. Nat. Sci. Phila., 1854, p. 199 (type locality, Caldera Bay, Chile); U. S. Naval Astronom. Exped., vol. 2, Fish., 1856, p. 247, pl. 31, figs. 5-9 (type).

Chile (Angol*, Caldera Bay, Iquique, Lota, Mocha*, Talcahuano, Tumbes, Valparaíso), Perú, Panamá?

The "sardina" reported by Guichenot may have been a misidentification. Until materials can be collected and studied with adequate comparison it had best be eliminated. Its references are as follows:

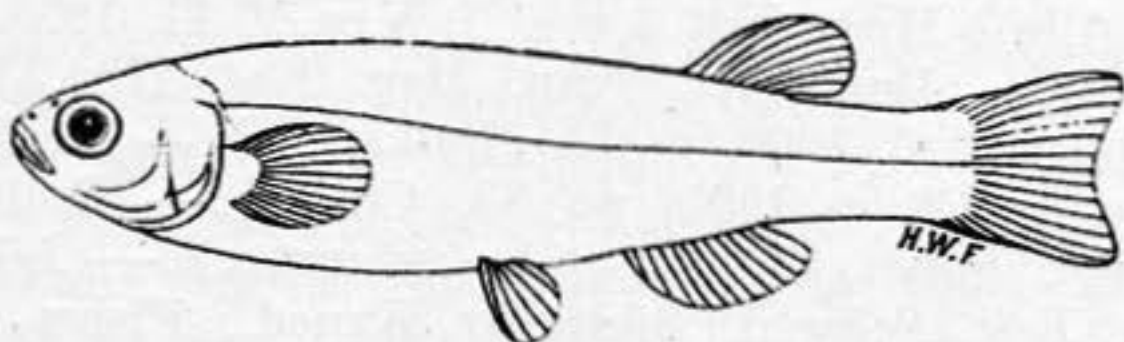
Engraulis dentex Guichenot, Hist. Chile, Zool., vol. 2, 1848, p. 328 ("los mares de Chile").

Lycengraulis grossidens Delfin, Revista Chil., Hist. Nat., vol. 3, N.º 12, 1899, p. 178 (Bahía de Concepción); vol. 4, N.º 1, 1900, p. 6 (Valparaíso); Cat. Peces de Chile, 1901, p. 42 ("Los pescadores de Valparaíso designan a esta especie con el nombre de sardina español-")

la'').— Porter, *Revista Chil. Hist. Nat.*, vol. 13, Nos 4-5, 1909, p. 283.

Family *GALAXIIDAE*
Puyes

BRACHYGALAXIAS BULLOCKI (Regan)

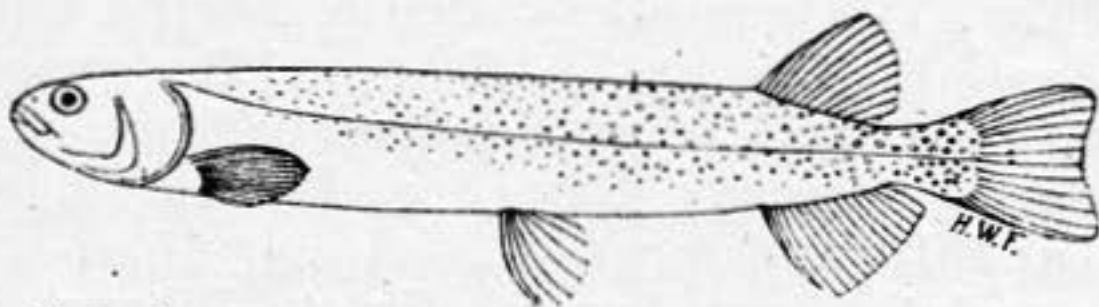


Brachygalaxias bullocki (Regan)

Galaxias bullocki Regan, *Ann. Mag. Nat. Hist. London*, ser. 8, vol. 1, 1908, p. 372 (type locality, Maquehue, Temuco, Southern Chile).— Porter, *Revista Chil. Hist. Nat.* vol., 13, N.º 3, 1909, p. 56 (reference).— Regan, *Trans. Roy. Soc. Edinburgh*, vol. 49, 1914, p. 291 (reference).

Brachygalaxias bullocki Eigenmann, *Mem. Nat. Acad. Sci.*, vol. 22, N.o 2, 1927, p. 49, pl. 10, fig. 1 (Estero Nonquén; Valdivia; Puerto Varas; Abtao; Ensenada).— Fowler, *Proc. Acad. Nat. Sci. Phila.*, 1940, p. 181, (Maquehue, Temuco, and El Vergel, Chile). Chile (Abtao, El Vergel*, Ensenada, Estero Nonquén, Maquehue*, Puerto Varas, Temuco*, Valdivia).

GALAXIAS ATTENUATUS (Jenyns)
Puye



Galaxias attenuatus (Jenyns) From Regan 1905.

Mesites attenuatus Jenyns, *Zool. Voy. Beagle, Fish.* pt. 4, 1842, p. 121, pl. 22, fig. 5 (type locality, Bay of Islands, New Zealand).

Galaxias attenuatus Valenciennes, in Cuvier and Valenciennes, *Hist. Nat. Poiss.*, vol. 18, 1846, p. (259) 348 (fresh waters of Van Diemen's Land).— Günther,

Cat. Fish. Brit. Mus., vol. 6, 1866, p. 210 (Falklands; Perú?); Proc. Zool. Soc. London, 1881, p. 21 (Puerto Bueno).— Vaillant, Miss. Sci. Cap. Horn, vol. 6, 1888, p. (c5)c19 (Orange Bay).— Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 654 (lago e torrenti di Porto Cook).— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 112 (reference).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 161 (Chiloé).— Boulenger, Ann. Mag. Nat. Hist. London, ser. 7, vol. 6, 1900, p. 54 (Falklands).— Delfin, Cat. Peces de Chile, 1901, p. 33, Chiloé).— Dollo, Voy. Belgique, Poiss. 1904, p. 91 (reference).— Lönnberg, Wiss. Erg. Schwed. Südpolar Exped., Fishes, vol. 5, lief 6, 1905, p. 23 (Port Albemarle, Western Falklands).— Regan, Proc. Zool. Soc. London, 1905, pt. 2, p. 368, pl. 12, fig. 1, pl. 13, fig. 2 (Falklands, Tierra del Fuego, Magellan Strait); Trans Roy. Soc. Edinburgh, vol. 49, 1914, p. 232 (Port Stanley and Port Harriet, Falklands), p. 291 (reference).— Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (418) 421 (Port Otway, Patagonia).

Chile (Chiloé, Magellan Strait, Orange Bay, Port Cook, Puerto Bueno, Tierra del Fuego). Patagonia, Falklands. Extralimital in Australia*, Tasmania and New Zealand*.

GALAXIAS GRACILLIMUS (Canestrini)

Mesites gracillimus Canestrini, Arch. Zool. Anat. Fisiol. Génova, vol. 3, N.º 1, 1864, p. 100, pl. 4, fig. 2 (type locality, Chile).

Galaxias gracillimus Günther, Cat. Fish. Brit. Mus., vol. 6, 1866, p. 213 (copied).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 161 (compiled).— Regan, Proc. Zool. Soc. London, 1905, pt. 2, p. 370 (Falklands); Trans. Roy. Soc. Edinburgh, vol. 49, 1914, p. 291 (reference).

Galaxias maculatus (not Jenyns) Smitt, Bihang Svensk. Vet. Akad. Handl., vol. 26, afd. 4, N.º 13, 1901, p. 21, pl. 2, figs. 5-8.
Chile, Falklands. Not seen.

GALAXIAS MACULATUS (Jenyns)

Mesites maculatus Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 119, pl. 22, fig. 4 (type locality, fresh water brook, in Hardy Peninsula, Tierra del Fuego).

- Galaxias maculatus* Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 18, 1846, p. (264) 355 ('des Malouines').— Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 315 (compiled).— Günther, Cat. Fish, Brit. Mus., vol. 6, 1866, p. 212 (copied Jenyns).— Vaillant, Miss, Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c5) c18 (fresh waters of Orange Bay).— Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 654 (lago e torrenti di Porto Cook).— Philippi, Verh. Deutsch. Wiss. Santiago de Chile, vol. 3, 1895, p. 21 (Valdivia; Chile).— Steindachner, Zool. Jahrb., Supl. Band 4, 1898, p. 328 (Río Pescado, Punta Arenas, Magellan Strait).— Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 10-13, 1899, p. 160 (Puerto Montt; Valdivia).— Boulenger, Ann. Mag. Nat. Hist. London, ser. 7, vol. 6, 1900, p. 54 (Falklands).— Delfin, Cat. Peces de Chile, 1901, p. 33 (Puerto Montt, Valdivia, Tierra del Fuego, Malvinas in Puerto Santa Cruz, Patagonia).— Dollo, Voy. Belgique, Poiss., 1904, p. 80, pl. 10, fig. 4 (Beagle Canal), p. 91 (reference).— Regan, Proc. Zool. Soc. London, 1905, pt. 2, p. 370 (type of *Galaxias copperingeri*; Orange Bay, Falklands, Estero de Penco).— Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 14 (Puerto Montt, Chile; Smyth Channel).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Valdivia).— Regan, Trans. Roy. Soc. Edinburgh, vol. 49, 1914, p. 232 (Port Harriet, Falklands), p. 291 (reference).— Husakof, Bull. Amer. Mus. Nat. Hist., vol. 33, art. 4, Feb. 13, 1914, p. 93 (Thetis Bay, Tierra del Fuego).— Thompson, Proc., U. S. Nat. Mus., vol. 50, 1916, p. (418) 421 (Mayne Harbor, Patagonia).— Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 50, pl. 10, fig. 5. (Chilean localities).— Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 749, fig. 10 (outline) (Tierra del Fuego; Orange Harbor); Proc. Acad. Nat. Sci. Phila., 1940, p. 82 (El Vergel and Malleco River, Chile).
- Galaxias minutus* Philippi, Archiv Naturg., vol. 24, pt. 1, 1858, p. 309 (type locality, Valdivia).— Delfin, Cat. Peces de Chile, 1901, p. 34 (reference).
- Galaxias punctulatus* Philippi, Archiv Naturges., vol. 24, pt. 1, 1858, p. 310 (type locality, Puerto Montt, Chile).
- Galaxias punctatus* Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Valdivia).

Galaxias coppingeri, Günther, Proc. Zool. Soc. London, 1881, p. 21 (type locality, Alert Bay, Patagonia).— Vaillant Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c5 (name only).

Galaxias alpinus (not Jenyns) Smitt, Bihang Svensk, Vet. Akad. Handl., vol. 24, afd. 4, N.º 5, 1899, p. 56, pl. 5, fig. 40.

Chile, (Coigüe, Cutipai, Estero Nonquén, Hardy Peninsula, Lago Riñihue, Lapataia, Lautaro, Malouines, Orange Bay, Osorno, Peulla, Porto Cook, Puerto Blest, Puerto Montt, Puerto Varas, Río Pescado, Río Toltén, Santa Rosa, Valdivia).

GALAXIAS ALPINUS (Jenyns)

Mesites alpinus, Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 121 (type locality, Tierra del Fuego).

Galaxias alpinus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 18, 1846, p. (265) 356 (copied).—Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 316 (compiled).—Günther, Cat. Fish. Brit. Mus., vol. 6, 1866, p. 212 (copied).—Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c5 (name only).—Smitt, Bihang Svensk, Vet. Akad. Handl., vol. 24, afd. 4, N.º 5, 1898, p. 56, pl. 5, figs. 40-40a (Río Azopardo, Admiralty Sound, Tierra del Fuego).—Delfin, Cat. Peces de Chile, 1901, p. 34 (lakes of Patagonia and Tierra del Fuego).—Dollo, Voy. Bélgica, Poiss., 1904, p. 92 (reference).—Lönnerberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 15 (Southern Patagonia; Ushuaia, Tierra del Fuego).—Regan, Proc. Zool. Soc. London, 1905, pt. 2, p. 371 (types); Trans. Roy. Soc. Edinburgh, vol. 49, 1914, p. 291, (reference).

Chile (alpine lakes of Hardy Peninsula, Ushuaia). No material seen.

GALAXIAS GLOBICEPS Eigenmann

Galaxias globiceps Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 51, pl. 10, fig. 2 (type), pl. 13, fig. 7 (radiograph) (type locality, Abtao, north of Puerto Montt).

Chile (Abtao). Not seen.

GALAXIAS PLATEI Steindachner

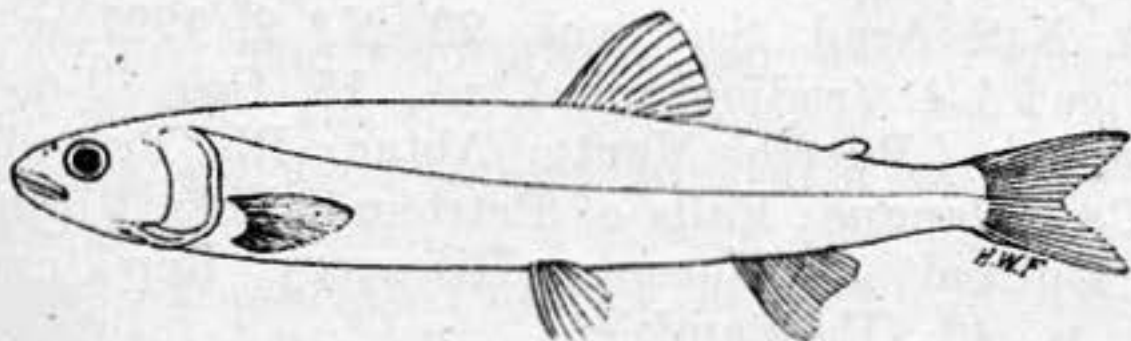
Galaxias platei Steindachner, Zool. Jahrb., Suppl. Band 4,

- 1897, p. 329, pl. 20, fig. 13 (type locality, Punta Arenas; Magellan Strait). — Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 161 (reference); Cat. Peces de Chile, 1901, p. 34 (reference). — Dollo, Voy. Bélgica, Poiss., 1904, p. 92 (reference). — Regan, Proc. Zool. Soc. London, 1905, pt. 2, p. 372 (Río Chico and Magellan). — Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 15 (Punta Arenas). — Regan, Trans. Roy. Soc. Edinburg, vol. 49, 1914, p. 29 (reference). — Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.o 2, 1927, p. 51 (Lake Riñihue, Puerto Varas, falls of Petrohué, Río Pescado, Ensenada Peulla).
- ‡*Galaxia grandis* (not Haast) Philippi, Verh. Deutsch Wiss. Ver. Santiago de Chile, vol. 3, 1895, p. 19 (type locality, Punta Arenas, Chile). — Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 161 (Punta Arenas); Cat. Peces de Chile, 1901, p. 33 (reference). — Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Valdivia).
- ‡*Galaxias delfinii* Philippi, l. c. (type locality, Punta Arenas, Chile). — Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 161 (Punta Arenas). — Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Valdivia).
- Galaxias delfini* Delfin, Cat. Peces de Chile, 1901, p. 33 (reference).
- Galaxias alpinus* (not Jenyns) Smitt, Bihang Svensk. Vet. Akad. Handl., vol. 26, afd. 4, N.º 13, 1901, p. 9, pl. 3. Chile (Ensenada, Falls of Petrohué, Lake Riñihue, Magellan Strait, Peulla, Puerto Varas, Punta Arenas, Río Chico, Río Pescado, Valdivia), Patagonia.

Family APLOCHITONIDAE

Pelladillos

APLOCHITON TAENIATUS Jenyns



Aplochiton taeniatus Jenyns. From Jenyns 1842

- Aplochiton taeniatus* Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 131, pl. 24, fig. 2 (type locality, Goree Sound,

- Tierra del Fuego).—Eigenmann, Mem. Nat. Acad. Sci., vol. 22 N.º 1927, p. 46, pl. 11, figs. 3 and 6 (Río Pescado, Osorno, Puerto Montt, Falls of Petrohué, Puerto Varas, Peulla, Estero Santa Rosa, East Cutipai).
- Haplochiton taeniatus* Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 382 (typical specimen).—Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c5 (name only).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 159 (reference).—Smitt, Bihang Svensk. Vet. Akad. Handl., vol. 26, afd. 4, N.º 13, 1901, p. 7, pl. 1, figs. 3-4 (Lago Toro, Patagonia).—Delfin, Cat. Peces de Chile, 1901, p. 32 (reference).—Dollo, Voy. Belgique, Poiss., 1904, p. 80 (Lapataia, Beagle Canal), p. 92 (reference).—Lönnerberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 15 (Port Grappler, Southern Patagonia). Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 422 (Island Harbor, Patagonia).
- ¿*Stromateus cimarca* Molina, Geogr. Nat. Civ. Hist. Chile, vol. 1, 1808, p. 153 (type locality, Chile).
- ¿*Aplochiton marinus* Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 46, pl. 11, figs. 2 (radiograph)—5 (type locality, Estero Cutipai, near Valdivia; below Valdivia, near the sea) (“It is possible that these are but breeding adults of *A. taeniatus*”). Chile, (Estero Cutipai, Estero Santa Rosa, Falls of Petrohué, Goree Sound, Lapataia, Osorno, Peulla, Puerto Montt, Puerto Varas, Río Pescado, Valdivia). Patagonia. No materials examined.

APLOCHITON ZEBRA Jenyns

Trout

- Aplochiton zebra* Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 131, pl. 24, fig. 1 (type locality, Falkland Islands).—Delfin, Cat. Peces de Chile, 1901, p. 32 (Puerto Montt; Río Renaico, Puerto Otawai).—Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 47, pl. 11, figs. 1-4 (radiographs), pl. 15, figs. 1-6. (photographs) (Puerto Montt; Abtao; Río Pescado; Peulla, Casa Pangué; Falls of Petrohué; Lake Riñihue; Estero Cutipai).—Norman, Discovery Rep., vol. 16, 1937, p. 40 (Falklands).
- Haplochiton zebra* Günther, Rep. Voy. Challenger, Zool., vol. 1, pt. 6, 1880, p. 23 (Gray Harbor, Messier Channel; Porto Bueno; Port Stanley, Falklands); Proc.

Zool. Soc. London, 1881, p. 22 (east Bay; fresh water at Tom Bay).— Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c5 (name only).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 159 (Puerto Montt, Río Renaico).— Porter, Revista Chil. Hist. Nat., vol. 4, N.o 11, 1900, p. 184 (reference).— Smitt, Bihang Svensk. Vet. Akad. Handl., vol. 26; afd. 4, N.º 13, 1901, p. 1, (Río Tres Pasos, tributary of Lago Toro).— Lönnberg, Wiss. Erg. Schwed. Südpolar Exped., Fishes, vol. 5, lief 6, 1905, p. 22 (Mt. Pleasant, Falklands).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Llanquihue).— Regan, Trans. Roy. Soc. Edinburgh, vol. 49, 1914, p. 232 (Port Stanley, Falklands).— Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419)422 (Mayne Harbor, Latitude Cove and Port Otway).

Farionella gayi Valenciennes, in Cuvier and Valenciennes, Hist. Nat., Poiss., vol. 22, 1849, p. (377) 508 (type locality, "Bresil").

Farionella gayii Valenciennes, op. cit., pl. 149.

Farionella fasciata Philippi, Archiv Naturgesch., 1858, pt. 1, p. 310 (type locality, Valdivia, Chile).

Chile, (Abtao, Casa Pangue, East Bay, Estero Cutipai, Falls of Petrohué, Gray Harbor, Lago Riñihue, Lago Toro, Latitude Cove, Llanquihue, Mayne Harbor, Peulla, Puerto Bueno, Puerto Montt, Puerto Otway, Río Pescado, Río Renaico, Tom Bay, Valdivia). Patagonia, Falklands.

The following names, mentioned by Delfin, refer to *Aplochiton* though without status so far as I can find:

Haplochiton fasciatus Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 159. Valdivia.

Haplochiton lata Philippi, in Delfin, op. cit., p. 160. Puerto Montt. (Error).

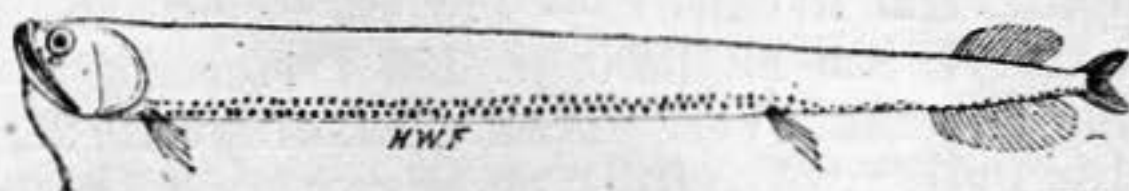
Haplochiton amblicephalus Philippi, in Delfin, op. cit., Puerto Montt.

Haplochiton delfini Philippi, in Delfin, op. cit., Río Buta-Palena.

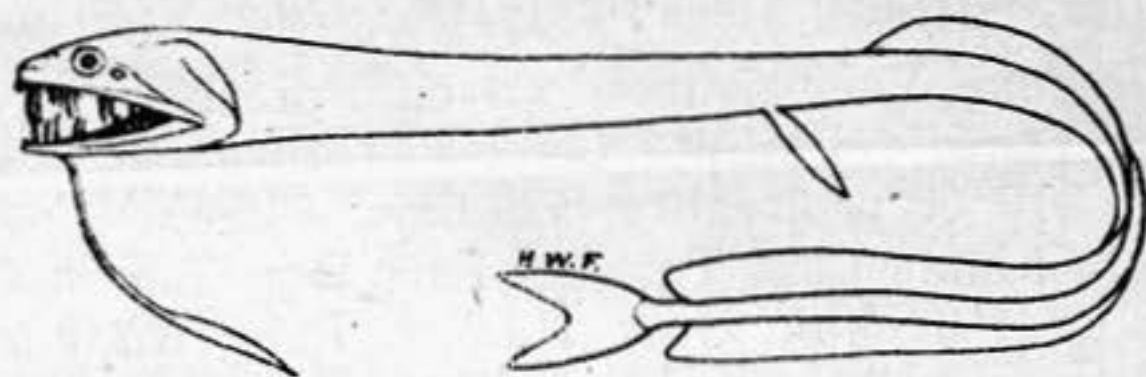
Haplochiton palenae Philippi, in Delfin, op. cit., Río Buta-Palena.

Haplochiton landbeckii Philippi, in Delfin op. cit. Valdivia.

Family STOMIATIDAE

STOMIAS ATRIVENTER Garman*Stomias atriventer* Garman From Garman 1899

Stomias atriventer Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 277, pl. 56, fig. 4 (type locality, lat. 25° 26' 15" N., long. 109° 48' W., in 1218 fathoms, off western México).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456) 462 (off Lota, Chile). Chile (off Lota). Off Central America in Pacific.

IDIACANTHUS NIGER Regan*Idiacanthus niger* Regan. From Thompson 1916

Idiacanthus niger Regan, Ann. Mag. Nat. Hist. London, ser. 8, vol. 13, 1914, p. 14 (type locality, New Zealand). Regan and Trewavas, Danish Dana Exped. Rep., N.º 6, 1930, p. 128, fig. 124 (type; New Zealand).
Idiacanthus retrodorsalis Thompson, Proc. U. S. Nat. Mus. vol. 50, 1916, p. (456) 462, pl. 4, fig. 2 (type locality, off Lota, Chile, in 677 fathoms). Chile (off Lota). New Zealand.

Family GONOSTOMIDAE

CYCLOTHONE SIGNATA Garman

Cyclothone signata Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 246, pl. J, fig. 3 (type locality, lat. 6° 21' N., long. 80° 41' W., in 1763 fathoms, Gulf of Panamá).—Brauer Erg. Deutsch. Tiefsee Exped. Valdivia, vol. 15, Fische, 1905, p. 78, figs. 28-29 (between Chile and Cape Horn).

Chile (between Chile and Cape Horn). Eastern Pacific, Atlantic and Indian Oceans.

Family MAUROLICIDAE

MAUROLICUS MUELLERI (Gmelin)

Yoalaakaci (Fuegian)

Salmo mülleri Gmelin, Syst. Nat. Linn., ed. 13, pt. 1, 1789, p. 1378 (on O. F. Müller, Zool. Danicae Prodr., 1776, p. 49, N.º 415, type locality, Denmark).

Maurolicus muelleri Norman, Discovery Rep., vol. 2, 1930, p. 298 (lat. 52° 53' 45'' S., long. 64° 37' 30'' W., in 191 to 205 fathoms, west of Falklands).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120 1935, p. 156 (lat. 52° 53' S.).

Maurolicus parvipinnis Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c5) c17, pl. 2, figs. 3-3a (type locality, Orange Bay).— Dollo, Voy. Belgique, Poiss., 1904, p. 92 (reference).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 156 (lat. 52° to 55° S.).

Chile (Orange Bay). West of Falklands. Widely distributed in the Atlantic*.

Order HETEROMI

Spiny Eels

Family NOTACANTHIDAE

GIGLIOLIA MOSELEYI Goode and Bean



Gigliolia moseleyi Goode and Bean. From Günther 1887

Giglotia moseleyi Goode and Bean. Oceanic Ichth., 1895, p. 169, pl. figs. 187 and 193 (on Günther).

Notacanthus moseleyi Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 405 (reference).— Brauer, Erg. Deutsch. Tiefsee Exp. Valdivia, vol. 15, Fische, 1905, p. 387 (reference).

Notacanthus bonapartii (not Risso) Günther, Rep. Voy. Challenger, Zool., vol. 22, 1887, p. 249, pl. 61, fig. C (lat. 51° 30' S., long. 74° 3' W., in 400 fathoms, off southwest coast of South America).— Goode and

Bean, *Oceanic Ichth.*, 1895, p. 166 fig. 185 (copied).
Off southwest coast of South America. Only known
from the type.

Order APODES
Eels

Family CYEMIDAE

CYEMA ATRUM Günther

Cyema atrum Günther, *Ann. Mag. Nat. Hist.* London, ser.
5, vol. 2, 1878, p. 251 (type locality, Pacific Ocean,
in 1500 fathoms; Antarctic Ocean, in 1800 fathoms);
Rep. Voy. Challenger, Zool., vol. 22, 1887, p. 265, pl.
54, fig. D (lat. 38° 7' S., long. 94° 4' W., south west
of Juan Fernández). — Brauer, *Erg. Deutsch. Tiefsee
Exp. Valdivia*, vol. 15, *Fische*, 1905, p. (131) 378
(reference).

Chile (Southwest of Juan Fernández). No materials
seen.

Family OPHICHTHYIDAE
Snake Eels

OPHICHTHYS ATER Peters

Ophichthys (Herpetoichthys) ater Peters, *Monatsb. Akad.
Wiss. Berlin*, 1866, p. 525 (type locality, Chile).

Ophichthys ater Günther, *Cat. Fish. Brit. Mus.*, vol. 8,
1870, p. 68 (copied). — Delfin, *Revista Chil. Hist.
Nat.*, vol. 4, N.º 2, 1900, p. 23 (reference).

Ophichthys ater Jordan and Davis, *Rep. U. S. Fish Comm.*
pt. 16, 1888 (1892), p. 629 (compiled). — Delfin, *Cat.
Peces de Chile*, 1901, p. 37 (reference).

Chile. No specimens seen.

OPHICHTHUS DICELLURUS (Richardson)



Ophichthus dicellurus (Richardson) From Richardson 1844

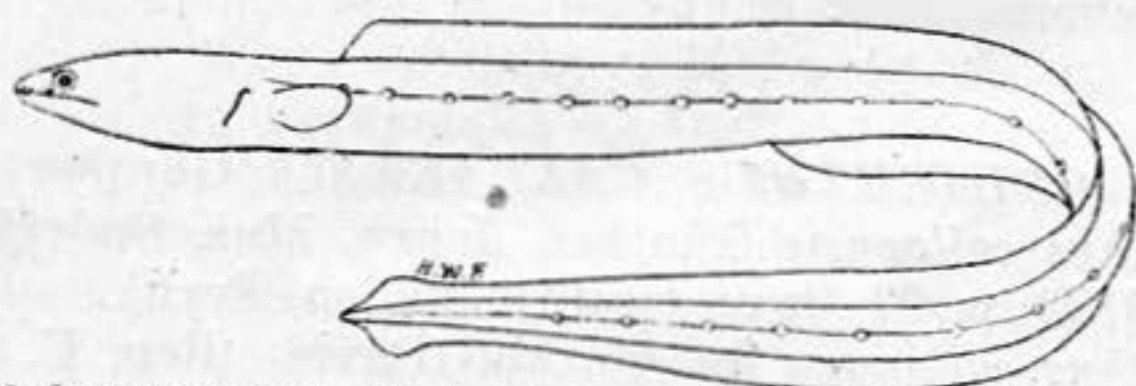
Ophisurus dicellurus Richardson, Voy. Sulphur, Ichth., 1844-45, p. 106, figs. 2-4 (type locality, No locality).

Ophichthys dicellurus Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 59 (part; probably not Chinese material).—Schmeltz, Cat. Muss. Godeffroy, N.º 5, 1874, p. 206 (Iquique; Valparaíso).—Günther, Rep. Voy. Challenger, Zool., vol. 1, pt. 6, 1880, p. 25 (Valparaíso); Proc. Zool. Soc. London, 1881, p. 22 (Coquimbo).—Porter, Revista Chil. Hist. Nat., vol. 13, N. 3, 1909, p. 56 (reference).

Ophichthys dicellurus Delfin, Cat. Peces de Chile, 1901, p. 37 (reference).

Chile (Coquimbo, Iquique, Valparaíso). No specimens seen.

OPHICHTHUS REMIGER (Valenciennes)
Anguila



Ophichthus remiger (Valenciennes) From Valenciennes 1847

Ophisurus remiger Valenciennes, Voy. Amer. Mérid. d'Orbigny, Poiss., 1847, p. 11 (type locality, no locality given) (err, impress.).

Ophichthus remiger Valenciennes, op. cit., pl. 12, fig. 2.—Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 343 (mercados de Valparaíso); atlas, 1854, pl. 11, fig. 1.—Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 12 (Chile).—Fowler, Proc. Acad. Nat. Sci. Phila., 1926, p. 278 (Valparaíso).

Ophichthys ocellatus (not Le Sueur) Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 68 (part; not Atlantic material).—Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 23 (compiled).

Ophichthus ocellatus Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. 630 (part; not material).—Delfin, Cat. Peces de Chile, 1901, p. 36 (Valparaíso).—Porter, Revista Chil. Hist. Nat. vol. 13, N.os 4-5, 1909, p. 283.—Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso).

Chile (Valparaíso*).

OPHICHTHUS PACIFICI Günther

Ophichthys pacifici Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 76 (type locality, Chile; Perú).— Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 23 (reference).— Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 210 (Coquimbo).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119 (Antofagasta).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 283.

Ophichthys pacifici Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. 632 (reference).— Delfin, Cat. Peces de Chile, 1901, p. 37 (reference).— Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino, vol. 47, ser. 3, N.º 100, 1939, p. 76, pl. 1, fig. 1 (radiograph) (Valparaíso). Chile (Antofagasta, Coquimbo, Valparaíso). Perú. No specimens seen.

OPHICHTHUS CALLAENSIS Günther

Ophichthys callaensis Günther, Journ. Mus. Godeffroy, vol. 4, 1873, p. 92 (type locality, Callao, Perú).

Ophichthys callaensis Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. 633 (Coquimbo, Chile; Valparaíso).— Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 754, fig. 24 (outline) (Valparaíso). Chile (Coquimbo, Valparaíso*), Perú.

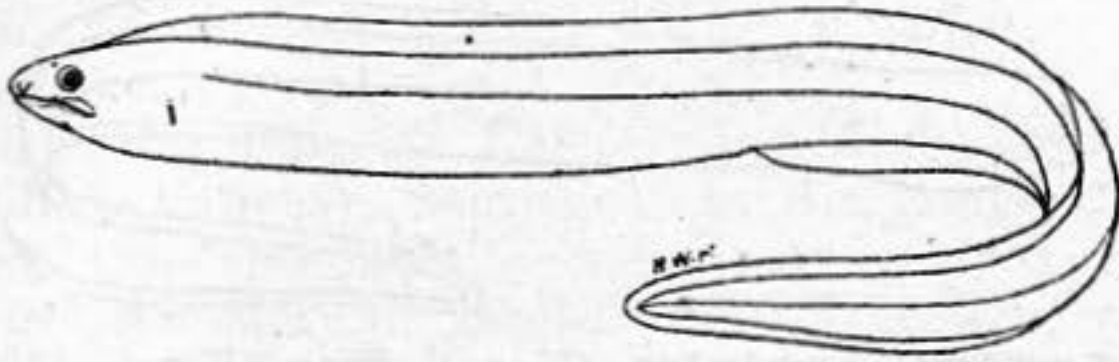
Family ECHIDNIDAE
Morays

MURENOPHIS APPENDICULATA Guichenot
Murena

Murenophis appendiculata Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 341 (type locality, mercados de Valparaíso).— Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 94 (reference).

Muraena appendiculata Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 24 (reference); Cat. Peces de Chile, 1901, p. 38 (reference). Chile (Valparaíso). Not seen since originally described.

LYCODONTIS PORPHYREUS (Guichenot)
Culebra del mar



Lycodontis porphyreus (Guichenot) From Guichenot 1854.

Murenophis porphyreus Guichenot, Hist. Chile., Gay, Zool. vol. 2, 1848, p. 342 (type locality, Juan Fernández); atlas, 1854, pl. 11, fig. 2.—Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 90 (reference).

Muraena porphyrea Steindachner. Sitzs. Akad. Wiss, Wien, vol. 71, pt. 1, 1875, p. 464 (Juan Fernández).—Günther, Rep. Voy. Challenger, Zool., vol. 1, pt. 6, 1880, p. 25 (Juan Fernández).—Delfin, Cat. Peces de Chile, 1901, p. 38 (Chile).—Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 211 (Juan Fernández).—Rendahl, Nat. Hist. Juan Fernández, Skottsberg, Zool. vol. 3, pt. 1, 1921, p. 50 (name only).

Muraena porphyreus Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 24 (reference).

Gymnothorax porphyreus Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. (590)599 (compiled).

Chile (Juan Fernández). Not seen by me.

LYCODONTIS WIENERI (Sauvage)

Gymnothorax wieneri Sauvage, Bull. Soc. Philomath. Paris, vol. 7, 1883, p. 161 (type locality, "Chili ou Pérou").—Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. 602 (compiled).

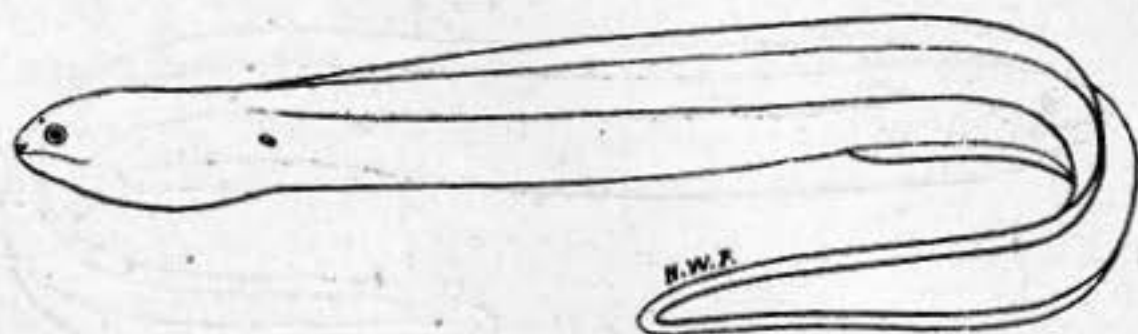
Chile or Perú. Not seen since originally described.

LYCODONTIS CHILENSIS (Günther)

Muraena chilensis Günther, Proc. Zool. Soc. London, 1871, p. 674 (type locality, Chile).

Gymnothorax chilensis Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888 (1892), p. 604 (compiled).

Chile. Known only from the imperfectly and too briefly "described" type, for which no figure has ever been given.

LYCODONTIS MODESTUS (Kaup)*Lycodontis modestus* (Kaup) From Kaup. 1860.

Muraena modesta Kaup, Abh. Naturw. Verein Hamburg, vol. 4, 1859(1860), p. 21, pl. 4, fig. 2 (type locality Valparaíso).—Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 126 (copied).—Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 24 (reference); Cat. Peces de Chile, 1901, p. 38 (reference).

Gymnothorax modestus Jordan and Davis, Rep. U. S. Fish Comm., pt. 16, 1888(1892), p. 606 (compiled). Chile (Valparaíso). Not seen since originally described.

Order HETEROGNATHI
Characins

Family CHARACIDAE
Characins

CHEIRODON PISCICULUS Girard
Pocha

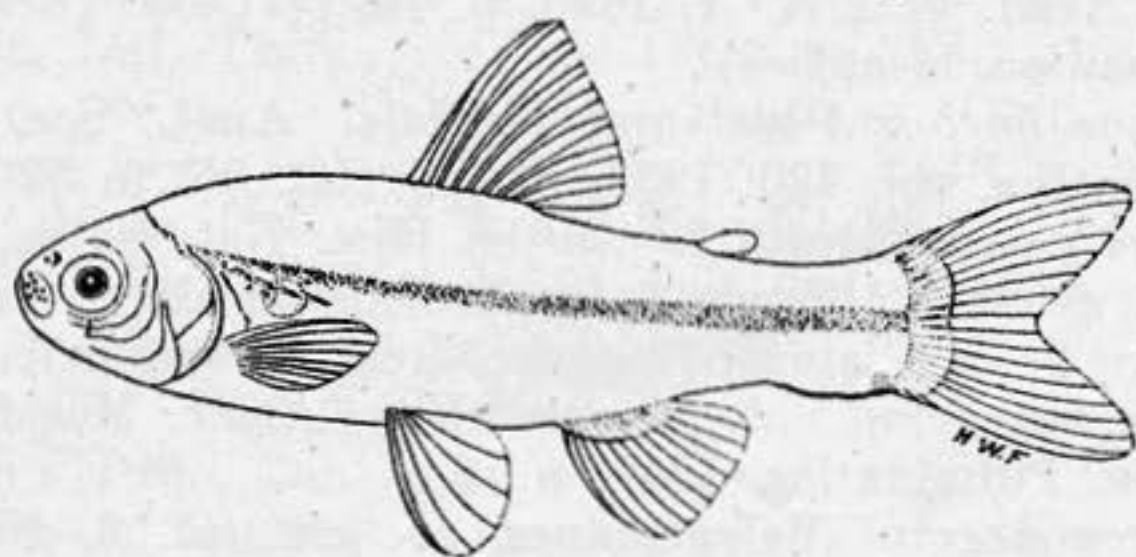
Cheirodon pisciculus Girard, Proc. Acad. Nat. Sci. Phila., 1854, p. 199 (type locality, Vicinity of Santiago, Chile); U. S. Naval Astronom. Exped. South. Hemisphere, vol. 2. Fishes, 1856, p. 249, pl. 34, figs. 4-7 (types).—Ulrey, Ann. N. Y. Acad. Sci., vol. 8, 1895, p. 290 (reference).—Delfin, Cat. Peces de Chile, 1901, p. 32 (compiled).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 203 (Río Maullín. Lake Llanquihue).—Eigenmann, Mem. Carnegie Mus., vol. 7, N.º 1, Dec. 1915, p. 66, pl. 17, fig. 4 (compiled); Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 43, pl. 9, fig. 1 (paratype) (types of *Cheirodon pisciculus* and *C. annae*; Vallenar; La Calera; Peñaflor; Hospital; Llo-Lleo).

Chirodon pisciculus Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 332 (compiled).—Delfin, Revista Chil. Hist. Nat., vol. 3 N.os 10-11, 1899, p. 159 (compiled).

Cheirodon annae Me Atee, in Eigenmann and Kennedy, Proc. Acad. Nat. Sci. Phila., 1903, p. 515 (type locality, South America).—Eigenmann, Mem. Carnegie Mus., vol. 7, N.º 1, Dec. 1915, p. 67, text. fig. 21 (dentition), pl. 11, fig. 1 (types).

Chile (Hospital, La Calera, Llo-Lleo, Peñaflor, Río Maullín, Vallenar, Santiago). In Río Maipo and northward. One specimen 57 mm. long received from Dr. Carlos A. Marelli, labeled San Francisco, estero, in Province de Colchagua, Chile, October 1935, collection of Carlos S. Reed. It bears the local name "Pochila".

CHEIRODON GALSUDAE Eigenmann



Cheirodon galsudae Eigenmann. Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 44, pl. 9, fig. 2 (type locality, San Xavier; Estero Nonquén; Coigüe; Lautaro).

Chile (Coigüe, Estero Nonquén, Lautaro, San Xaxier). San Xavier to Río Cautín, Two specimens 48 (figured) and 57 mm. long, were received from my esteemed friend Mr. D. S. Bullock, and are labeled Laguna de Los Alpes, Angol, Chile, July 17, 1933. The larger is without caudal serrae.

CHEIRODON AUSTRALE Eigenmann

Cheirodon australe Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 44, pl. 9, fig. 3 (type locality, Puerto Varas; Ensenada; Osorno; Valdivia; Río Pescado).—Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 181 (El Vergel).

Chirodon pisciculus (not Girard) Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 328 (Llanquihue Lake at Puerto Montt and Río Maullín).

Chile (Ensenada, El Vergel*, Osorno, Puerto Montt, Puerto Varas, Río Maullín, Río Pescado, Valdivia).

Order NEMATOGNATHI
Cat Fishes

Family TACHYSURIDAE
Sea Cats

TACHYSURUS BARBUS (Lacépède)

Pimelodus barbatus Lacépède, Hist. Nat. Poiss., vol. 5, 1803, p. (94) 106 (type locality, "les eaux de l'Amérique meridionale").

Tachysurus barbatus Eigenmann and Eigenmann, Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 76, text fig. (dentition) (Brazilian localities).

Tachysurus barbatus Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 156 (lat. 35° to 52° S.).

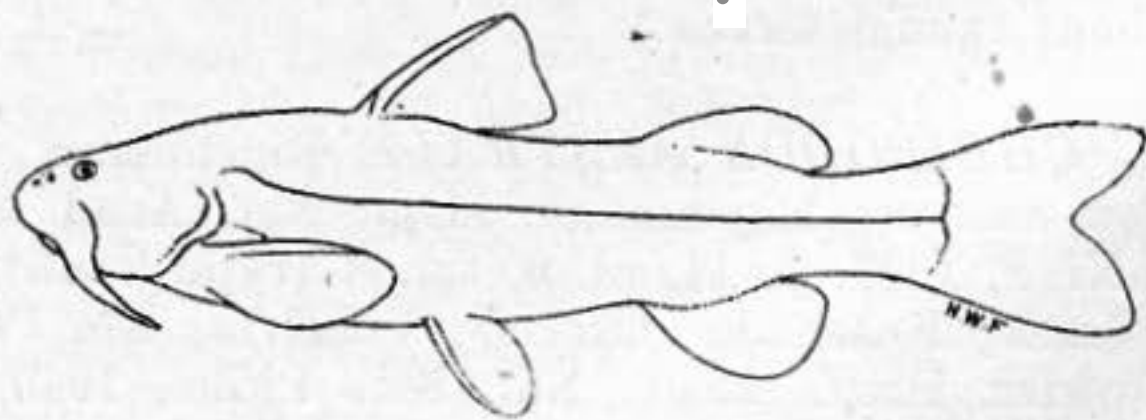
Pimelodus commersonii Lacépède, Hist. Nat. Poiss., vol. 5, 1803, p. (95) 108, pl. 3, fig. 1 (type locality, "le grand fleuve de la Plata"; Buenos Aires; Ensenada).

Bagrus commersoni Valenciennes, Voy. Amér. Merid. d'Orbigny, Poiss., atlas, 1847, p. 6.

Bagrus commersoni Valenciennes, op. cit., pl. 3, fig. 1. Chile (Magellan Strait). Northward on the Atlantic coast to Brazil. No material examined.

Family DIPLOMYSTIDAE
Tollos

DIPLOMYSTE CHILENSIS (Molina)
Tollo



Silurus or *Pimelodus chilensis* Molina, Saggio sulla storia naturale del Chile, lib. 4, 1782, p. 225 (type locality, Chile); ed. 2, 1810, p. 196 (Chile)

Silurus chilensis Bonnaterre, Tableau Encyclop. Ichth., 1788,

p. 152 (compiled).—Gmelin, Syst. Nat. Linn., pt. 1, 1789, p. 1359 (compiled).—Walbaum, Artedi Pisc., vol. 3, 1792, p. 574 (compiled).—Schneider, Syst. Ichth. Bloch, 1801, p. 378 (compiled).

Pimelodus chilensis Lacépède, Hist. Nat. Poiss., vol. 5, 1803, p. (97) 114 (compiled).

Diplomyste chilensis Eigenmann, Mem. Nat. Acad. Sci., vol. 22, 1927, p. 36, pls. 5-6, fig. 1 (Lautaro; S. Xavier; Estero Nonquén; Santiago; Lake Riñihue).—Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 176 (El Vergel, Chile).

Arius papillosus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 15, 1840, p. (88) 118, pl. 431 (type locality, Valparaíso, Santiago, Chile).—Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 305 (Chile); atlas, 1854, pl. 5 bis, fig. 1.—Philippi, Monatsb. Akad. Wiss. Berlín, 1866, p. 710 (compiled).

Diplomystes papillosus Bleeker, Nederl. Tijds. Dierk., vol. 1, 1863, p. 92 (name only).—Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 1, 1888, p. 149 (rivers of Santiago); Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 26 (compiled).—Delfin, Cat. Peces de Chile, 1901, p. 28 (Colina).

Diplomystax papillosus Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 180 (Chile).

Arius carcharioides Leybold, Anal. Univ. Chile, 1859, p. 1083 (type locality, Chile).

Arius carcharias Philippi, Monatsb. Akad. Wiss. Berlín, 1866, p. 712 (type locality, Chile).

Arius villosus Philippi, op. cit., p. 712 (type locality, Chile).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 155 (reference).

Arius squalus Philippi, op. cit. p. 713 (type locality, Paine, Province of Santiago).—Delfin, op. cit. (reference).

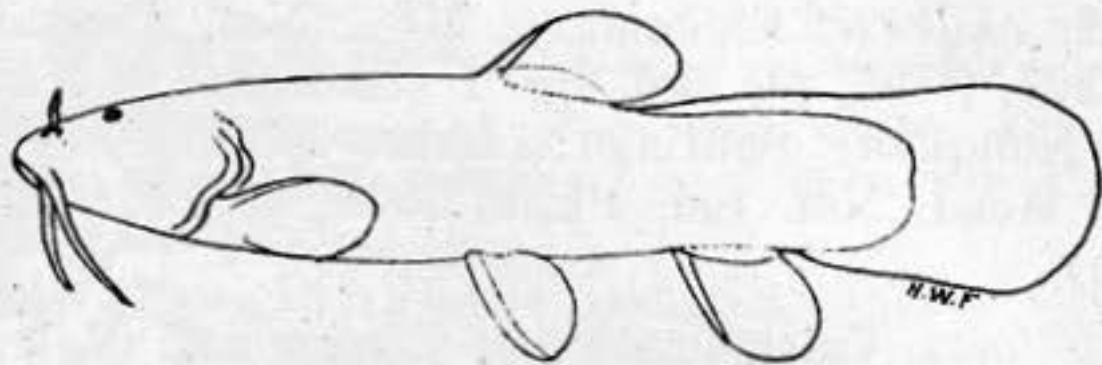
Arius micropterus Philippi, op. cit. (type locality, Chile).—Delfin, op. cit. (reference).

Arius synodon Philippi, op. cit. (type locality, Santiago).—Delfin, op. cit. (reference).

Nematogenys inermis (not Guichenot) Delfin, op. cit., p. 156 (compiled) (lapsus).

Chile (Colina, El Vergel*. Lake Riñihue, Lautaro, Paine, Santiago, San Javier, Valparaíso).

Family NEMATOGENYIDAE

NEMATOGENYS INERMIS (Guichenot)
Bagre

Trichomycterus inermis Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 312 (type locality, "aguas dulces de la República"—Chile); atlas, 1854, pl. 9, fig. 2.

Nematogenys inermis Girard. Proc. Acad. Nat. Sci., Phila., 1854, p. 198 (Chile); U. S. Naval Astronom. Exped. South Hemisphere, vol. 2, Fishes, 1856, p. 240, pl. 32 (Rio de Maipo).—Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 272 (compiled).—Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 716 (reference).—Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 2, 1889, p. 50 (Curicó; Santiago); Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 322 (on preceding material).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 157 (reference); Cat. Peces de Chile, 1901, p. 29 (compiled).—Eigenmann, Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 280, pl. 42, figs. 1-2 (Curicó); Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 38, pls. 6, 7, figs. 2-4 (Concepción; Santiago; Hospital; Lautaro).—Fowler, Proc. Acad. Nat. Sci., Phila., 1940, p. 177 (Angol; El Vergel).

Nematogenys nigricans Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 716 (type locality, Chile).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 157 (Santiago).

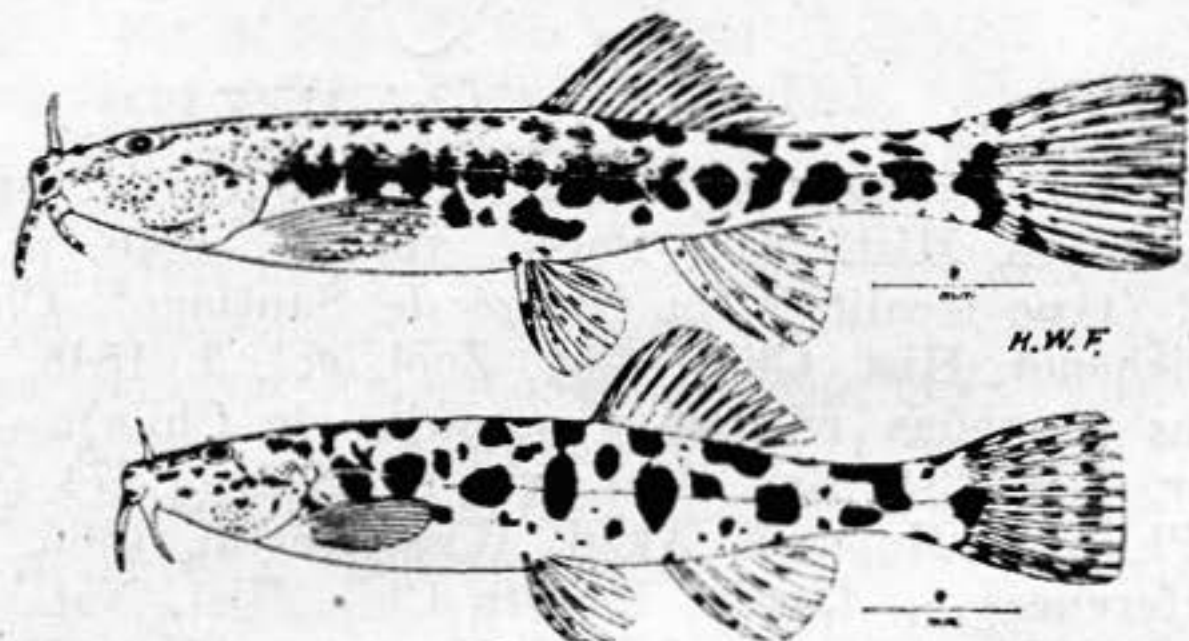
Trichomycterus nigricans Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, 158 (reference) (error).

Nematogenys pallidus Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 716 (type locality, Chile).
Chile (Angol*, Concepción, Curicó, El Vergel*, Hospital, Lautaro, Río de Maipo, Santiago).

Family PYGIDIIDAE

HATCHERIA MALDONADOI Eigenmann
Bagre

Hatcheria maldonadoi Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 39, pl. 8, figs. 2-2b (type locality, Río Nonquén, Concepción; Lautaro).
Chile (Concepción, Lautaro, Río Nonquén). Not seen.

HATCHERIA BULLOCKI Fowler

Hatcheria bullocki Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 180, figs. 14-15 (type locality, Angol, Chile).
Chile (Angol*).

HATCHERIA MACRAEI (Girard)

Trichomycterus macraei Girard, U. S. Naval Astronom. Exped. South. Hemisphere, vol. 2, Fishes, 1856, p. 245 (type locality, Uspallata, 7000 feet) (error).

Trichomycterus macraei Delfin, Cat. Peces de Chile, 1901, p. 29 (reference).

Pygidium macraei Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 2, 1889, p. 51 ("Uspullatuo" = Uspallata, reference only; Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 328 (type?)).

Hatcheria macraei Eigenmann, Rep. Princeton Univ. Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 287, fig. 6 (Uspallata).

Chile (Uspallata). No material seen.

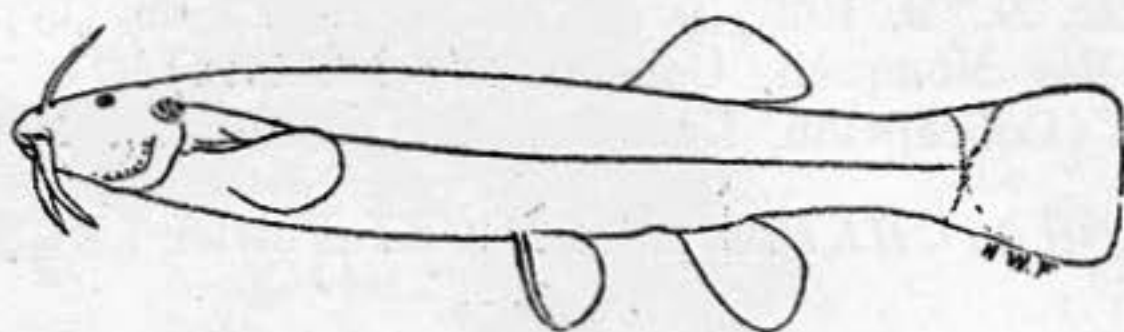
PYGIDIUM CHILTONI Eigenmann

Pygidium chiltoni Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 40, pl. 8, figs. 1, 1a-b, pl. 13, figs.

5-6 (radiographs) (type locality, Estero Nonquén, San Xavier).

Chile (Estero Nonquén, San Xavier).

PYGIDIUM AREOLATUM (Valenciennes)



Trichomycterus areolatus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 18, 1846, p. (365) 492 (type locality, "la riviere de Santiago" Chile).—Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 309 (Las pequeñas riberas y acequias de Chile).—Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 274 (Chile).—Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 714 (reference).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 157 (reference); Cat. Peces de Chile, 1901, p. 30 (Mapocho).

Pygidium areolatum Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 2, 1889, p. 51 (Río Mapocho, Chile); Occas. Pap. Cal. Acad. Sci., N.o 1, 1890, p. 330 (preceding material); Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 40, pl. 8, fig. 3 (Chilean localities).—Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 178 (El Vergel).

Hatcheria areolata Eigenmann, Rep. Princeton Univ. Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 285, fig. 4 (Mapocho).

Trichomycterus marmoratus Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 714 (type locality, Chile).—Eigenmann and Eigenmann, Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 326 (reference).—Delfin, Cat. Peces de Chile, 1901, p. 31 (reference).

Trichomycterus marmoratus Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 158 (Chile) (error).

Pygidium marmoratum Eigenmann and Eigenmann, Proc. U. S. Nat. Mus., vol. 14 1891, p. 361 (reference).—Eigenmann, Rep. Princeton Univ. Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 290 (compiled).

- Trichomycterus tigrinus* Philippi, Monatsb. Akad. Wiss., Berlin, 1866, p. 714 (type locality, Chile).
- Trichomycterus tigrinus* Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 158 (Chile) (error).
- Pygidium tigrinum* Eigenmann and Eigenmann, Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 326 (reference); Proc. U. S. Nat. Mus., vol. 14, 1891, p. 36 (reference).—Delfin, Cat. Peces de Chile, 1901, p. 31 (reference). — Eigenmann, Rep. Princeton Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 291 (compiled).
- Trichomycterus palleus* Philippi, Monatsb. Akad. Wiss., Berlin, 1866, p. 715 (type locality, Chile).— Eigenmann and Eigenmann, Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 325 (reference).— Delfin, Cat. Peces de Chile, 1901, p. 30 (reference).
- Pygidium palleum* Eigenmann and Eigenman, Proc. U. S. Nat. Mus., vol. 14, 1891, p. 36 (reference).—Eigenmann, Rep. Princeton Univ. Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sep. 1918, p. 291 (compiled).
Chile (El Vergel*, Río Mapocho, Río Santiago).

PYGIDIUM MACULATUM (Valenciennes)

Bagre

- Trichomycterus maculatus* Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 18, 1846, p. (366) 493 (type locality, "Santiago du Chili").— Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 311 (Chile).— Girard, Proc. Acad. Nat. Sci. Phila., 1854, p. 199 (Río Mapocho near Santiago). — Philippi, Monatsb. Akad. Wiss. Berlin, 1866, p. 716 (reference).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 157 (Santiago); Cat. Peces de Chile, 1901, p. 30 (compiled).
- Thrichomycterus maculatus* Girard, U. S. Naval Astronom. Exped. South, Hemisphere, vol. 2, Fishes, 1856, p. 243, pl. 34, figs. 1-3 (Río Mapocho).
- Pygidium maculatum* Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 2, 1889, p. 51, (Río Mapocho); Occas. Pap. Cal. Acad. Sci., N.º 1, 1890, p. 329 (above specimen); Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 41 (compiled).
- Hatcheria maculata* Eigenmann, Rep. Princeton Univ. Exped. Patagonia, vol. 3, pt. 4, 1910, p. 399 (reference); Mem. Carnegie Mus., vol. 7, N.º 5, Sept. 1918, pl. 42, figs. 3-5 (Mapocho).

Chile (Santiago, Río Mapocho). No specimens seen.

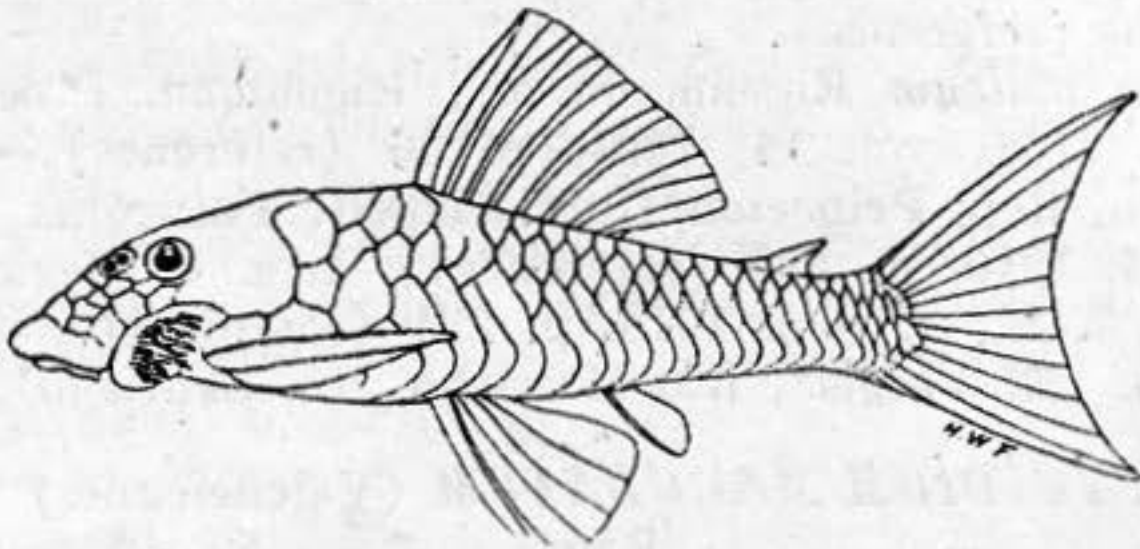
PYGIDIUM QUECHUORUM Steindachner

Pygidium quechuorum Steindachner, Anz. Akad. Wiss. Wien, vol. 37, N.º 18, July 12, 1900, p. 207 (type locality, Río Arequipa, Chile; Southern Perú). Chile (Río Arequipa). Perú.

Family LORICARIIDAE

Armored Cats

ANCISTRUS ERINACEUS (Valenciennes)



Ancistrus erinaceus (Valenciennes) From Guichenot, 1854

Hypostomus erinaceus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 15, 1840, p. (376) 510 (type locality, Chile).— Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 308 (Chile); atlas, 1854, pl. 6 bis, fig. 2.—Regan, Trans. Zool. Soc. London, vol. 17, pt. 3, Oct. 1904, p. 252 (notes type in Paris in poor condition).

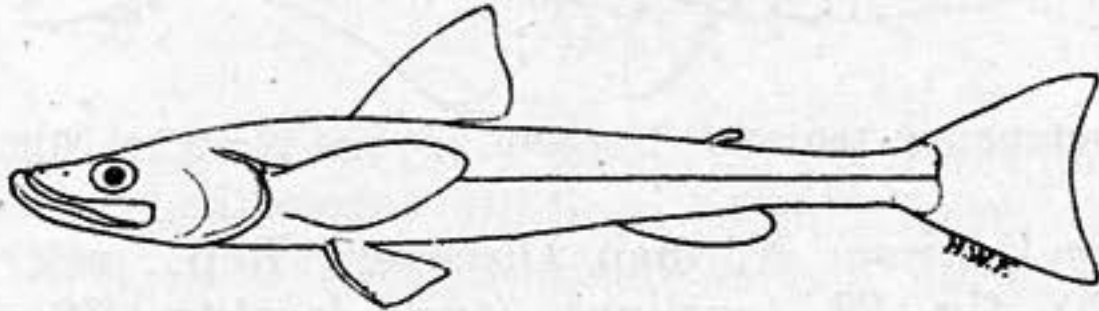
Chaetostomus erinaceus Günther, Cat. Fish. Brit. Mus., vol. 5, 1864, p. 249 (compiled).— Eigenmann and Eigenmann, Proc. Cal. Acad. Sci., ser. 2, vol. 2, 1889, p. 46 (name only); Occas. Pap. Cal. Acad. Sci. N.º 1, 1890, p. 444 (reference).

Chaetostomus erinaceus Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 10-11, 1899, p. 15 (compiled) (error).

Chaetostomus erinaceus Delfin, Cat. Peces de Chile, 1901, p. 31 (compiled) (error). Chile. Not seen.

Order INIOMI

Family CHLOROPHTHALMIDAE

CHLOROPHTHALMUS GRACILIS Günther*Chlorophthalmus gracilis* Günther. From Günther 1887

Chlorophthalmus gracilis Günther, Ann. Mag. Nat. Hist. London, ser. 5, vol. 2, 1878, p. 182 (type locality, off eastern coast of New Zealand; off Juan Fernández; middle of south Atlantic; in 1100 to 1425 fathoms); Rep. Voy. Challenger, Zool., vol. 22, 1887, p. 194, pl. 49, fig. 2 (type; off Juan Fernández, in 1425 fathoms).— Gill, Mem. Nat. Acad. Sci., vol. 6, N.º 2, 1893, p. 112 (reference). Goode and Bean, Oceanic Ichth., 1895, p. 511 (copied).— Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 400 (reference).— Brauer, Erg. Deutsch. Tiefsee Exped. Valdivia, vol. 15, Fische, 1905, p. 379 (reference).

Chile (off Juan Fernández). Also New Zealand and south Atlantic. No material seen.

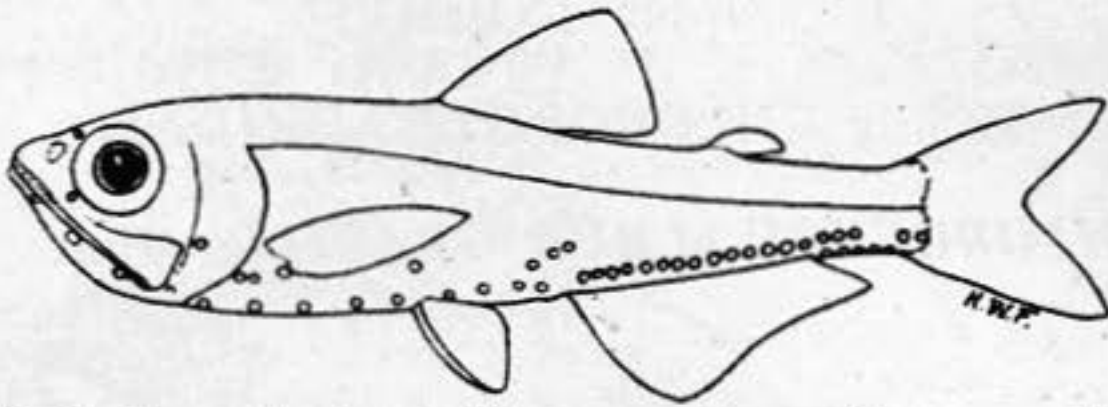
Family MYCTOPHIDAE

Lantern Fishes

MYCTOPHUM AFFINE (Lütken)

Scopelus affinis Lütken, Kon. Danske Vidensk. Selsk. Skrift. Kjöbenhavn, ser. 6, vol. 7, 1892, p. 252, fig. 10 (type locality, lat. 1° to 38° N., long. 17° to 63° W.; lat. 1° to 8° S., long. 11° to 26° W.; lat. 7° to 39° S., long. 23° to 110° E.).

Myctophum (Myctophum) affine Brauer, Erg. Deutsch. Tiefsee Exp. Valdivia, vol. 15, Fische, 1905, p. 190, text fig. 105-107 (photophores) (lat. 20° to 25° S., long. 73° W.; lat. 30° S., long. 84° W.; coast of Chile).
Chile. No Chilean material seen.

MYCTOPHUM TENISONI Norman

Myctophum tenisoni Norman. From Norman, 1930

Myctophum tenisoni Norman Discovery Rep., vol. 2, 1930, p. 320, fig. 27 (outline) (type locality, 38 miles N. 39° E. of Jason Light, South Georgia; lat. 52° 25' 00" S., Long 9° 50' 00" E., in 650 to 700 meters, south of Cape Horn.; Drake Strait).

Chile (south of Cape Horn). Also South Georgia, Drake Strait and Antarctica. No material seen.

MYCTOPHUM COCCO (Cocco)

Scopelus cocco Cocco, Giorn. Sci. Lett, Arti, Sicilia, N.º 77, 1829, p. 143 (type locality, Palermo, Italy).

Myctophum (Myctophum) coccoi Brauer, Erg. Deutsch. Tiefsee Exped. Valdivia, vol. 15, Fische, 1905, p. 199, text-figs. 116-120 (lat. 20° to 39° S., long. 71° to 90° W., off west coast of Chile).

Chile (off coast). No Chilean specimens seen.

Order SYNENTOGNATHI

Family SCOMBERESOCIDAE

Sauries

SCOMBERESOX EQUIROSTRUM Le Sueur

Scomberesox equirostrum Le Sueur, Journ. Acad. Nat. Sci. Phila., vol. 2, pt. 1, 1821, p. 132 (type locality, none given; "cabinet of Linnean Society of Boston"). — Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 757, fig. 27 (Valparaíso).

Scomberesox equirostrum Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 18, 1846, p. (356) 479 (Chile). — Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 317 (costas de Chile).

Scomberesox aequirostrum Günther, Cat. Fish. Brit. Mus., vol. 6, 1866, p. 258 (compiled). — Rendahl, Nat. Hist. Juan Fernández, and Easter Island Zool, vol. 3, pt. 1, 1921, p. 50 (name only).

Scombresox aequirostrum Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 1, 1900, p. 4 (Valparaíso Bay) (error).

Scomberesox aequirostrum Delfin, Cat. Peces de Chile, 1901, p. 45 (Juan Fernández).

Chile (Juan Fernández, Valparaíso).

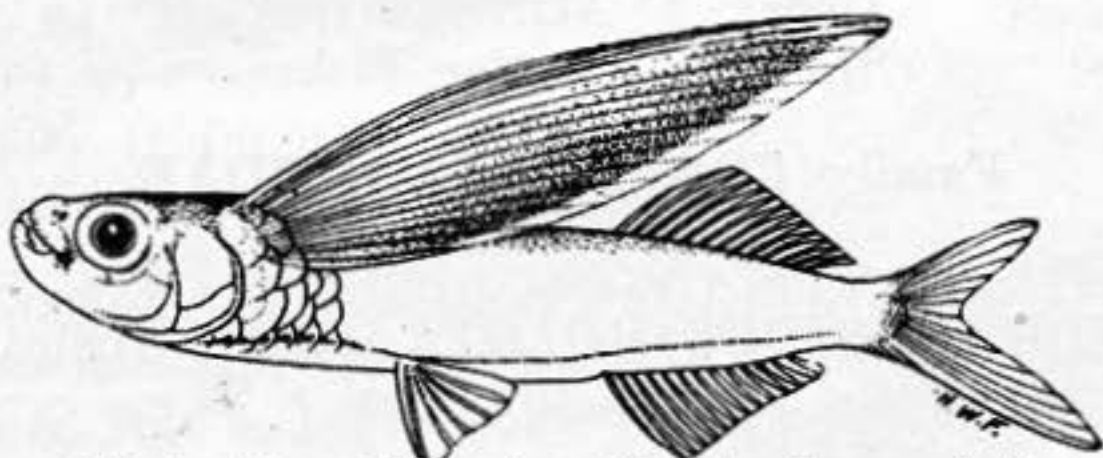
Family HEMIRAMPHIDAE
Half Beaks

HEMIRAMPHUS PHURCATUS Philippi

Hemiramphus phurcatus Philippi, Anal. Univ. Chile, vol. 48, 1876, p. 263 (type locality, Isla de Pascua). — Delfin, Cat. Peces de Chile, 1901, p. 45 (Pascua). Chile (Pascua). Not seen.

Family EXOCOETIDAE
Flying Fishes

EXOCOETUS OBTUSIROSTRIS CHILIENSIS Abbott



Exocoetus obtusirostris chiliensis Abbott. Type of *Exocoetus chiliensis* Abbott.

Exocoetus chiliensis Abbott, Proc. Acad. Nat. Sci. Phila., 1860, p. 472 (type locality, Chili).

Exocoetus chilensis Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 1, 1900, p. 5 (reference); vol. 4, N.os 3-4, 1901, p. 44 (reference). — Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 284.

Halocypselus evolans (not Linnaeus) Jordan and Meek, Proc. U. S. Nat. Mus., vol. 8, 1885, p. 49 ("The *chilensis* of Abbott is unquestionably *evolans*"; type of *Exocoetus chiliensis* examined, but no details given). Chile. The two type specimens in the Academy of Natural Sciences of Philadelphia studied and the holotype figured (figure 39).

The following nominal species has not been seen since originally described:

EXOCOETUS FERNANDEZIANUS Philippi

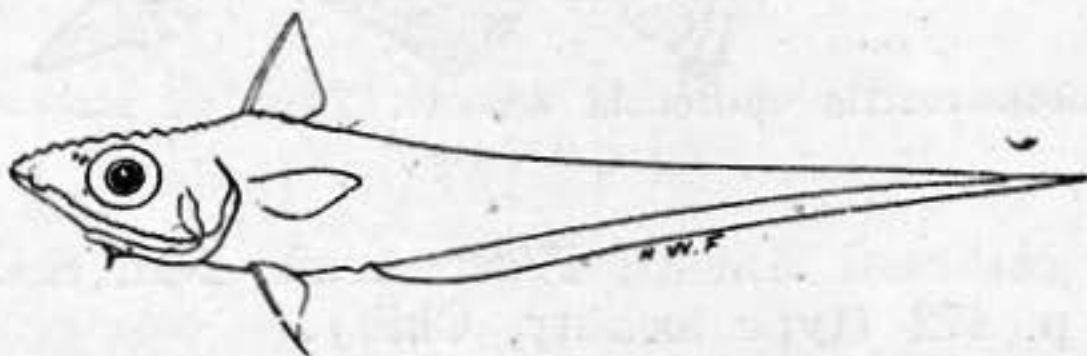
Exocoetus fernandezianus Philippi, Verh. Deutsch Wiss. Ver. Sant. Chile. vol. 3, 1895, p. 22 (type locality, Juan Fernández). — Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 1, 1900, p. 5 (Juan Fernández): Cat. Peces de Chile, 1901, p. 44 (Juan Fernández).

CYPSILURUS LINEATUS (Valenciennes)

Exocoetus lineatus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 19, 1846, p. (67) 92 (type locality, Goree; Canaries). — Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 210 (Juan Fernández). — Rendahl, Nat. Hist. Juan Fernández, Skottsberg, Zool. vol. 3, pt. 1, 1921, p. 50 (name only).
Cypselurus lineatus Fowler, Bull. Amer. Mus. Nat. Hist., vol. 70, pt. 1, Jan, 21, 1936, p. 429, fig. 214 (outline) (Funchal, Madeira).
 Chile (Juan Fernández). Also in the tropical Atlantic. Specimen examined from Madeira.

Order ANACANTHINI
 Spineless Jugular Fishes

Family CORYPHAENOIDIDAE
 Grenadiers

CORYPHAENOIDES HOLOTRACHYS (Günther)

Coryphaenoides holotrachys (Günther) From Günther 1897

Macrurus holotrachys Günther, Ann. Mag. Nat. Hist. London, ser. 5, vol. 2, 1878, p. 24 (type locality, deep sea east of mouth of Río Plata, in 600 fathoms); Rep. Voy. Challenger, vol. 22, 1887, p. 136, pl. 28, fig. B (type) — Goode and Bean, Oceanic Ichth., 1895, p. 396 (compiled). — Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 396 (reference). — Lönnberg, Wiss. Erg. Schwed. Südpolar Exped., Fishes, vol. 5, lief 6, 1905, p. 9 (Beagle Channel, Tierra del Fuego).

Coryphaenoides holotrachys Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 144 (name only). — Nor-

man, Discovery Rep., vol. 16, 1937, p. 41, fig. 18 (lat. 52° S., long. 62° — 63° W.).

Chile (Beagle Channel, Tierra del Fuego). Off Uruguay, Argentina, Patagonia, the Falklands and Magellan Strait.

CORYPHAENOIDES ARIOMMUS Gilbert and Thompson
Coryphaenoides ariommus Gilbert and Thompson, in Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 471, pl. 5, fig. 1 (type locality, lat. 38° 8' S., long. 75° 53' W., off Lota, in 677 fathoms).— Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 144 (name only). Chile (off Lota).

CORYPHAENOIDES FERNANDEZIANUS (Günther)
Chalinurus fernandezianus Günther, Rep. Voy. Challenger, vol. 22, 1887, p. 145, pl. 38, fig. B (type locality, lat. 33° 42' S., long. 78° 18' W., in 1375 fathoms, south of Juan Fernández).

Chalinura fernandeziana Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 395 (reference). — Brauer, Erg. Deutsch. Tiefsee-Exped. Valdivia, vol. 15, Fische, 1905, p. 390 (reference).

Chile (south of Juan Fernández).

COELORHINCHUS FASCIATUS (Günther)

Macrurus fasciatus Günther, Ann. Mag. Nat. Hist. London, ser. 5, vol. 2, 1878, p. 24 (type locality, West coast of southern extremity of South America, in 120-245 fathoms); Rep. Voy. Challenger, vol. 22, 1887, p. 129, pl. 28, fig. A (types).

Coelorhynchus fasciatus Goode and Bean, Oceanic Ichth., 1895, p. 402 (on Günther).— Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 397 (reference)— Dollo, Voy, Belgique, Poiss, 1904, p. 91 (reference).— Gilbert, in Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 473 (between Hanover Island and mainland between Wellington Island and mainland, Chile).— Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 144 (name only).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat. 52° 30' S.).— Norman, Discovery Rep., vol. 16, 1937, p. 42, fig. 19 (lat. 52° S., long. 60° — 64° W.).

Chile (off Hanover Island, off Wellington Island). Also off Patagonia, the Falklands, Magellan Strait and South Africa.

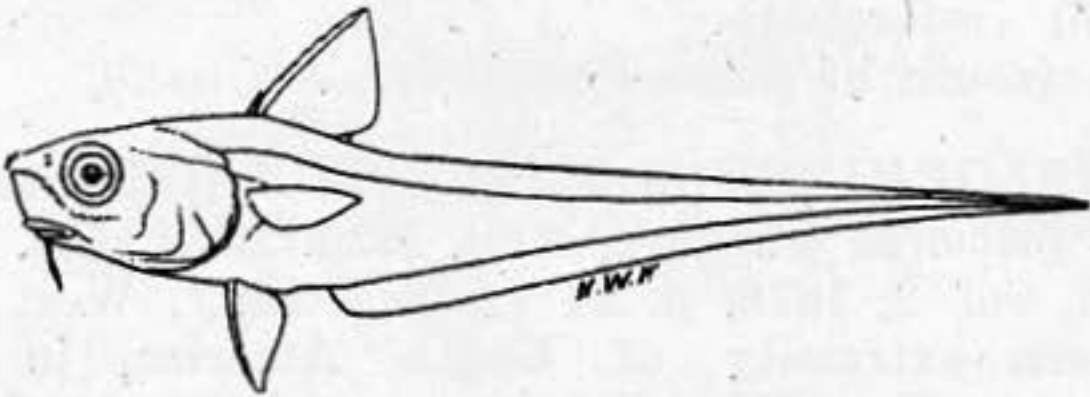
COELORHINCHUS CHILENSIS Gilbert and Thompson
Coelorhynchus chilensis Gilbert and Thompson, in Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 473, pl. 6, fig. 1 (type locality, lat. 38° 8' S., long. 75° 53' W., off Lota, in 677 fathoms).—Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 145 (name only).—Norman, Discovery Rep., vol. 16, 1937, p. 43 (name only).

Chile (off Lota). Only known from the type.

COELORHINCHUS PATAGONIAE Gilbert and Thompson
Coelorhynchus patagoniae Gilbert and Thompson, in Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 475, pl. 6, fig. 2 (type locality, between Wellington Island and mainland, west coast of Patagonia, in 194 fathoms).—Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 144 (name only).—Norman, Discovery Rep., vol. 16, 1937, p. 43 (name only).

Chile (off Wellington Island). Only known from the type. The generic name is used here from the original by Giorna, who wrote it *Coelorhynchus* in 1805.

MACRUROPLUS PUDENS (Gilbert and Thompson)



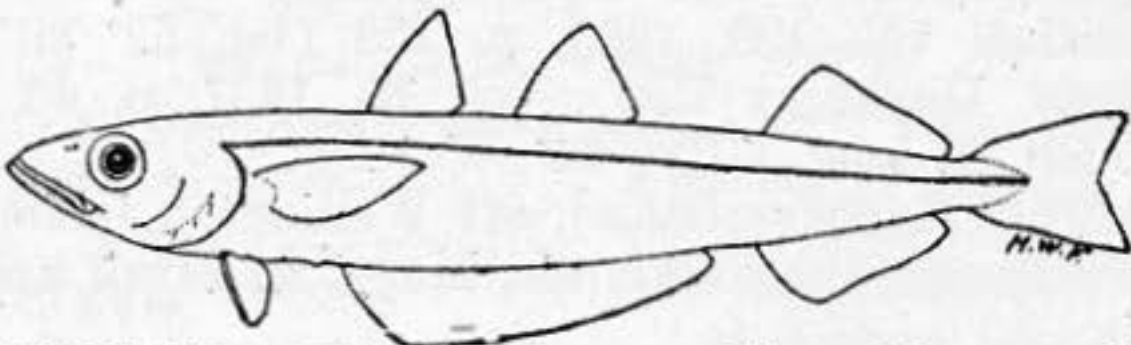
Nezumia pudens Gilbert and Thompson, in Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 472, pl. 5, fig. 2 (type locality, lat. 38° 8' S., long. 75° 53' W., off Lota, in 677 fathoms).

Chile (off Lota). Only known from the type.

Family GADIDAE

Cod Fishes

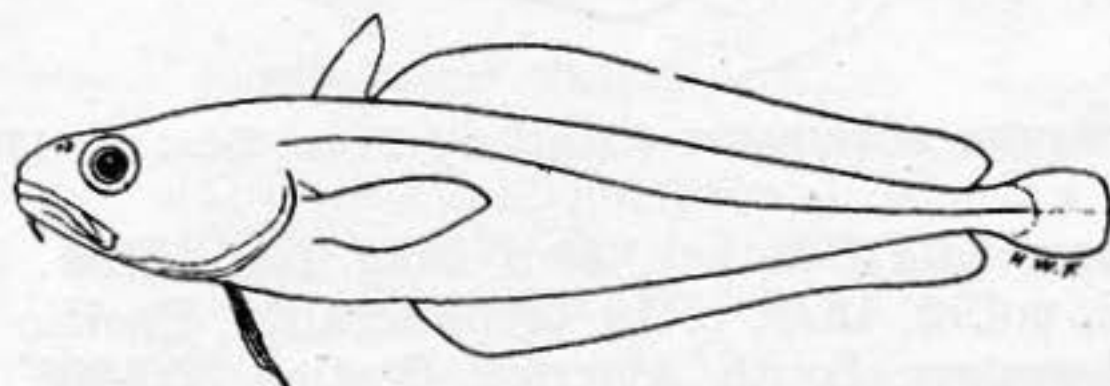
MICROMESISTIUS AUSTRALIS Norman



Micromesistius australis Norman. From Norman, 1937

Micromesistius australis Norman, Discovery Rep., vol. 16, 1937, p. 51, fig. 22 (type locality, lat. $50^{\circ} 57' S.$, long. $63^{\circ} 37' 30'' W.$; lat. $45^{\circ} - 52^{\circ} S.$, long. $58^{\circ} - 64^{\circ} W.$; Patagonia; Falkland Islands).
Off Patagonia and the Falklands.

SALILOTA AUSTRALIS (Günther)



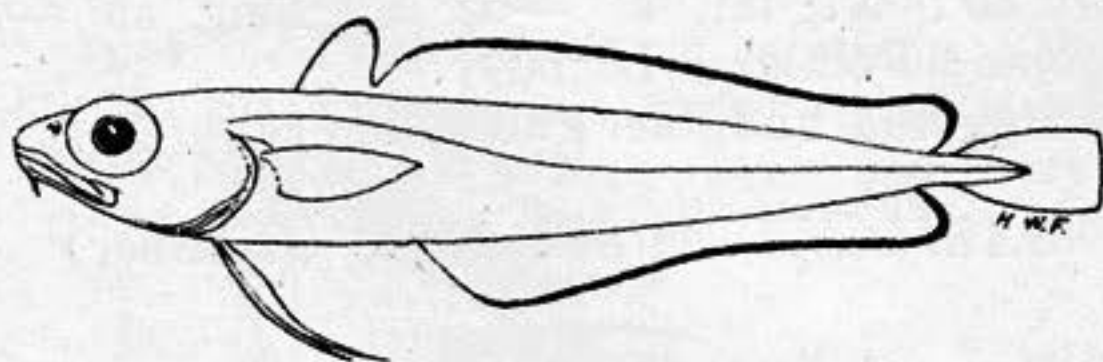
Salilota australis (Günther) From Günther 1887

Haloporphyrus australis Günther, Ann. Mag. Nat. Hist. London, ser. 5, vol. 2, 1878, p. 19 (type locality, Puerto Bueno, Magellan Strait, in 55—70 fathoms).

Salilota australis Günther, Rep. Voy. Challenger, vol. 22, 1887, p. 95, pl. 17, fig. 3 (type; off Cape Virgins; Puerto Bueno; between Cape Virgins and Falkland Islands; in 70 fathoms).—Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 625 (Bresknock Pass).—Smitt, Bihang Svensk. Vet. Akad. Handl. Stockholm, vol. 24, afd. 4, N.º 5, 1898, p. 37 (Tierra del Fuego).—Delfin, Cat. Peces de Chile, 1901, p. 99 (compiled).—Dollo, Voy. Bélgica, Poiss., 1904, p. 90 (reference).—Lönnerberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 14 (Smyth Channel).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 425 (Sandy Point, Magellan Straits; Otter Bay, Smyth Channel).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat. 36° to $56^{\circ} S.$).—Norman, Discovery Rep., vol. 16, 1937, p. 52, fig. 23 (outline) (Eastern Falkland Islands; Tierra del Fuego; lat. 44° to $52^{\circ} S.$, long. 58° to $74^{\circ} W.$).

♁ *Salilota bovei* Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 625 (type locality, Bresknock Pass).—Lönnerberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 14 (Smyth Channel).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat. $55^{\circ} S.$).

Chile (Bresknock Pass, Cape Virgins, Otter Bay in Smyth, Puerto Bueno, Sandy Point, Tierra del Fuego). Also Patagonia and the Falklands.

PHYSICULUS MARGINATUS (Günther)*Physiculus marginatus* (Günther) From Günther 1887

Lotella marginata Günther, Ann. Mag. Nat. Hist. London, ser. 5, vol. 2, 1878, p. 19 (type locality, Pacific coast of Southwestern South America, Station 305-308, in 120-345 fathoms); Rep. Voy. Challenger, vol. 22, 1887, p. 86, pl. 14, fig. A (type; near Magellan Strait; Messier Channel).—Garman, Mem. Mus. Comp. Zool., vol. 24, 1899, p. 394 (reference).—Brauer, Erg. Deutsch. Tiefsee-Exped. Valdivia, vol. 15, 1905, p. 393 (reference).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 425 (between Hanover Island and mainland, Chile, in 122 fathoms).

Physiculus marginatus Norman, Discovery Rep., vol. 16, 1937, p. (53) 55, fig. 24 (outline) (lat. 51° —52° S., long. 60° —64° W.; Patagonia; Falklands; Magellan Strait; Chile).

Chile (Magellan Strait, Messier Channel). Also Patagonia and Falklands.

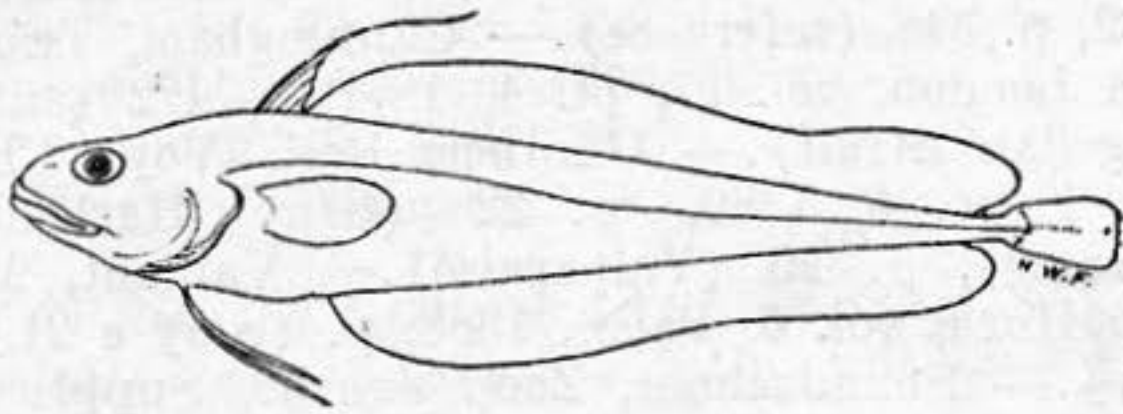
LOTELLA FERNANDEZIANA Rendahl

Lotella fernandeziana Rendahl, Nat. Hist. Juan Fernández and Easter Island, Zool. vol. 3, pt. 1, 1921, p. (50) 53 (type locality, Masatierra, Juan Fernández).—Norman, Discovery Rep., vol. 16, 1937, p. 58 (Juan Fernández).

Lotella rhacinus (not Forster) Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 325 (Juan Fernández).—Delfin, Cat. Peces de Chile, 1901, p. 100 (reference).

Lotella rhacina Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, pp. 100, 120 (reference).

Lotella phycis (not Schlegel) Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 208 (Juan Fernández).
Chile (Juan Fernández).

LAEMONEMA MULTIRADIATUM Thompson*Laemonema multiradiatum* Thompson. From Thompson, 1916

Laemonema multiradiatum Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (457) 469, pl. 4, fig. 3 (type locality, lat. 38° 8' S., long. 75° 53' W., off Lota, in 677 fathoms).

Chile (off Lota).

Family MERLUCCIIDAE
Whitings

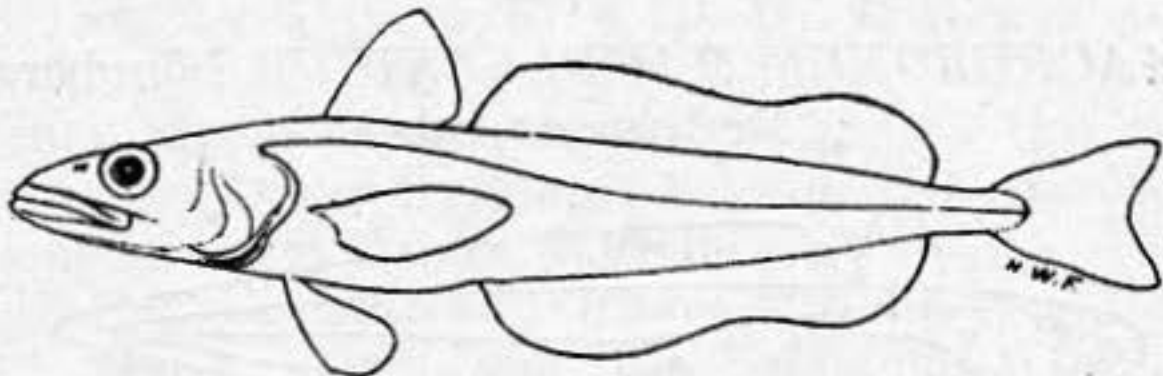
MERLUCCIUS HUBBSI Marini

Merluccius hubbsi Marini, Physis, vol. 11, 1932, p. 322, fig. (photographs) (type locality, costa de la provincia de Buenos Aires).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat. 36° to 52° S.).— Norman, Discovery Rep., vol. 16, 1937, pp. 43, 45, fig. 20 A. (lat 50°—52° S., long. 58° —64° W.; 13 miles N. 83° E. of Cape Virgins Light, Argentina).

Merluccius gayi (not Guichenot) Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 417 (between Río de la Plata and Cape Virgins).

Eastern coast of South America to Magellan Straits.

MERLUCCIUS GAYI (Guichenot)
Yapakama (Fuegian), Pescada



Merlus gayi Guichenot, Hist. Chile, Gay, Zool. vol. 2, 1848, p. 328 (type locality, costa de Chile; Valparaíso); atlas, 1854, pl. 8, fig. 2.

Merluccius gayi Günther, Cat. Fish. Brit. Mus., vol. 4, 1862, p. 346 (reference).—Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 472 (entrance to Magellan Strait).—Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 22 (Gray Harbor, Messier Channel), p. 25 (Valparaíso).—Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c 6) c 21 (Orange Bay).—Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 226 (Tumbes, Talcahuano).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción).—Porter, Revista Chil. Hist. Nat., vol. 4, N.º 11, 1900, p. 183 (reference).—Delfin, Cat. Peces de Chile, 1901, p. 100 (Valparaíso; Magellan Strait; Tierra del Fuego; East Patagonia); Revista Chil. Hist. Nat., vol. 7, 1903, p. 269, fig. 7.—Dollo, Voy. Bélgica, Poiss, 1904, p. 90 (reference).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 200 (Valdivia).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat. 36º to 56º S.).—Norman, Discovery Rep., vol. 16, 1937, p. 47, fig. 20 B (Chile; Perú).

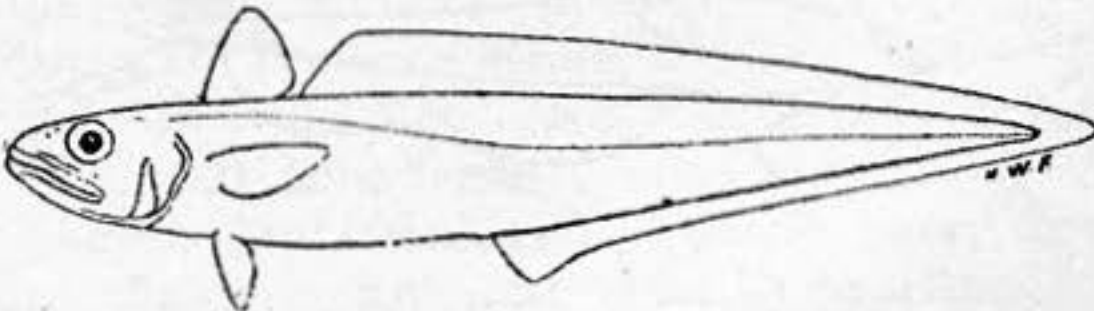
Merlucius gayi Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 20, 1891, p. 627 (Beagle Canal, Ushuaia).—Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 121 (reference).

Gadus productus (not Günther) Kner. Reise Novara, Fische, 1865, p. 278 (Valparaíso).

Boreogadus productus Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 23 (Chile).

Chile (Bahía de Concepción, Beagle Channel, Gray Harbor, Magellan Strait, Orange Bay in Tierra del Fuego, Talcahuano, Tumbes, Valdivia, Valparaíso). Also Perú and Gulf of Panamá? Lieutenant W. Stephen Thomas notes it at Antofagasta, 1944.

MACRURONUS MAGELLANICUS Lönnberg
Merluza de cola



Macruronus magellanicus Lönnberg. From Lönnberg, 1907

Macruronus magellanicus Lönnber, Erg. Hamburg, Magalh.

Sammelr., vol. 1, Fische, 1907, p. 15, fig. 2 (type locality, Smyth Channel, Eden Harbour).— Norman, Discovery Rep., vol. 16, 1937, p. 49, fig. 21 (lat. 51° —52° S., long. 63° —67° W).

Chile (Smyth Channel).

MACRURONUS NOVAE-ZEALANDIAE (Hector)

Coryphaenoides novae-zealandiae Hector, Trans. New Zealand Inst., vol. 3, 1870, p. 136, pl. 18, fig. 1 (type locality off Ward Island, in Port Nicholson).

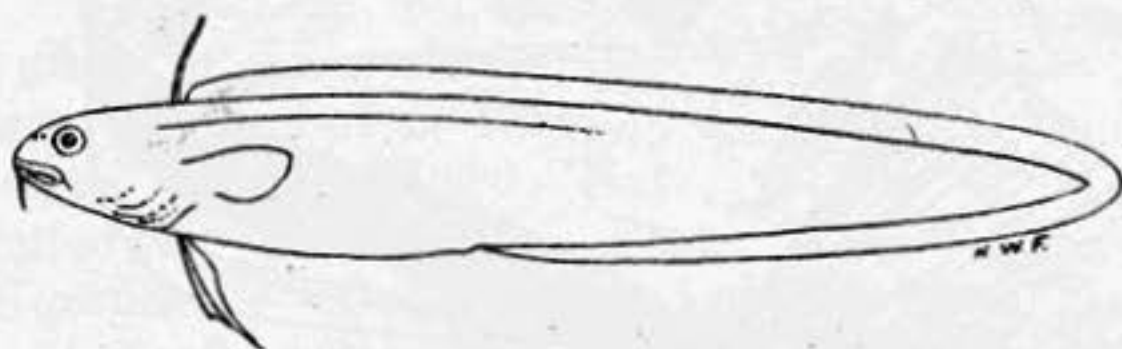
Macruronus novae-zealandiae Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 20 (Tom Bay, Messier Channel). — Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c 6 (name only).— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 121 (reference).—Porter, Revista Chil. Hist. Nat., vol. 4, N.º 11, 1900, p. 183 (reference).— Delfin, Cat. Peces de Chile, 1901, p. 103 (compiled).— Gilbert and Hubbs, Proc. U. S. Nat. Mus., vol. 51, 1916, p. 142 (reference).

Chile (Messier Channel). Also in New Zealand seas.

Family MURAENOLEPIDAE

MURAENOLEPIS ORANGIENSIS Vaillant

Yallich Lif, Yakouchlif (Fuegian)



Muraenolepis orangiensis Vaillant. From Vaillant, 7888

Muraenolepis orangiensis Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c 6) c 20, pl. 4, figs. 2 a-b (type locality, Orange Bay).— Pozzi and Bordale, Anal. Soc. Scient. Argentina, vol. 120, 1935, p. 158 (lat. 55° S.).—Norman, Discovery Rep., vol. 16, 1937, p. 58, fig. 25 (Patagonia, Falklands, Magellan Strait).

Chile (Magellan Strait, Orange Bay in Tierra del Fuego). Also Patagonia and the Falklands.

MURAENOLEPIS MICROPS Lönnberg

Muraenolepis marmoratus var. *microps* Lönnberg, Wiss. Erg. Schwed. Südpolar Exped., Fishes, vol. 5, pt. 6, 1905, p. 43 (type locality, lat. 55° 10' S., long. 66°

15' W., in 125 meters, Tierra del Fuego).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 158 (lat: 55° 10' to 66° 15' S.).

Muraenolepis microps Norman, Discovery Rep., vol. 16, 1937, p. 58 (Burdwood Bank south of Falklands).
Chile (Tierra del Fuego). Also Falklands, South Georgia and Antarctic seas.

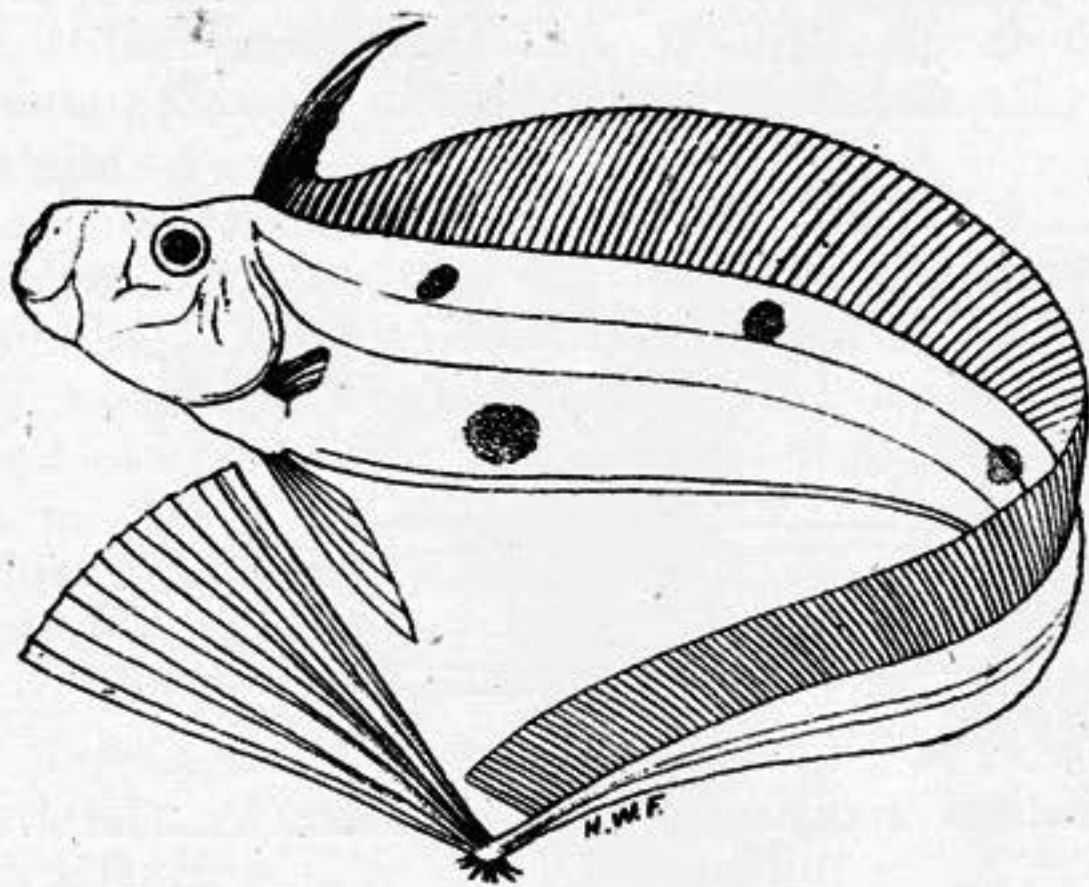
Order ALLOTRIognathi

Suborder TAENIOSOMI

Family TRACHIPteridae

King of the Herrings

TRACHIPterus altivelis Kner



Trachipterus altivelis Kner. From Kner, 1859

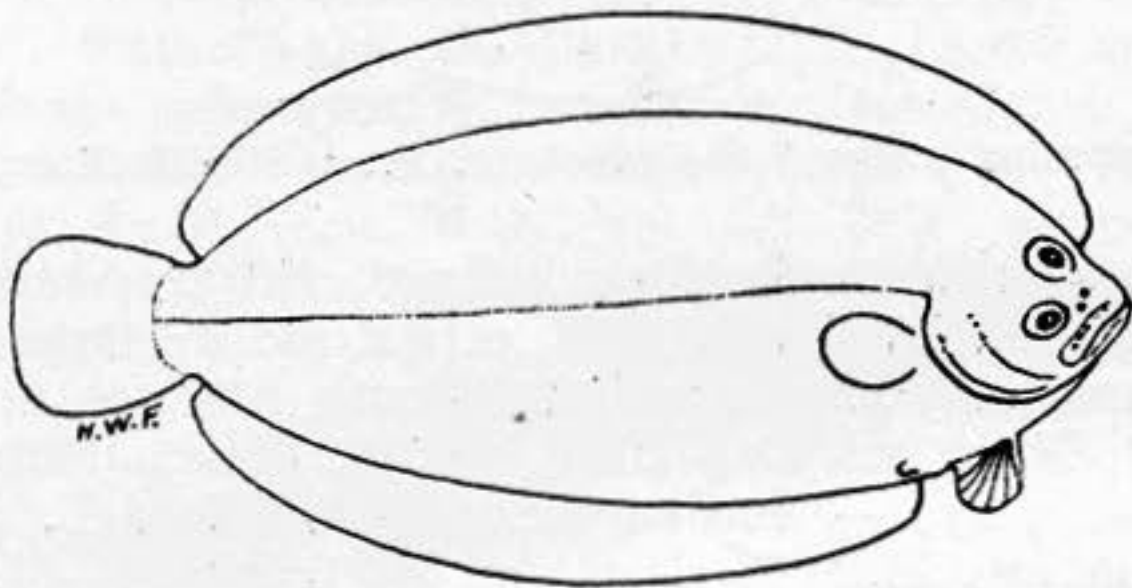
Trachipterus altivelis Kner, Sitzs. Akad. Wiss. Wien, vol. 34, 1859, p. 437, pl. 1 (type locality, Valparaíso). — Günther Cat. Fish. Brit. Mus., vol. 3, 1861, p. 303 (copied). — Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 471 (Luco Bay and Araucania). — Gill. Mem. Nat. Acad. Sci., vol. 6, 1893, p. 120 (reference). — Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 110 (reference); Cat. Peces de Chile, 1901, p. 96 (compiled).

Chile (Araucania, Luco Bay, Valparaíso). *Trachipterus* here used as written by Gouan in 1770.

Orden HETEROSOMATA
Flat Fishes

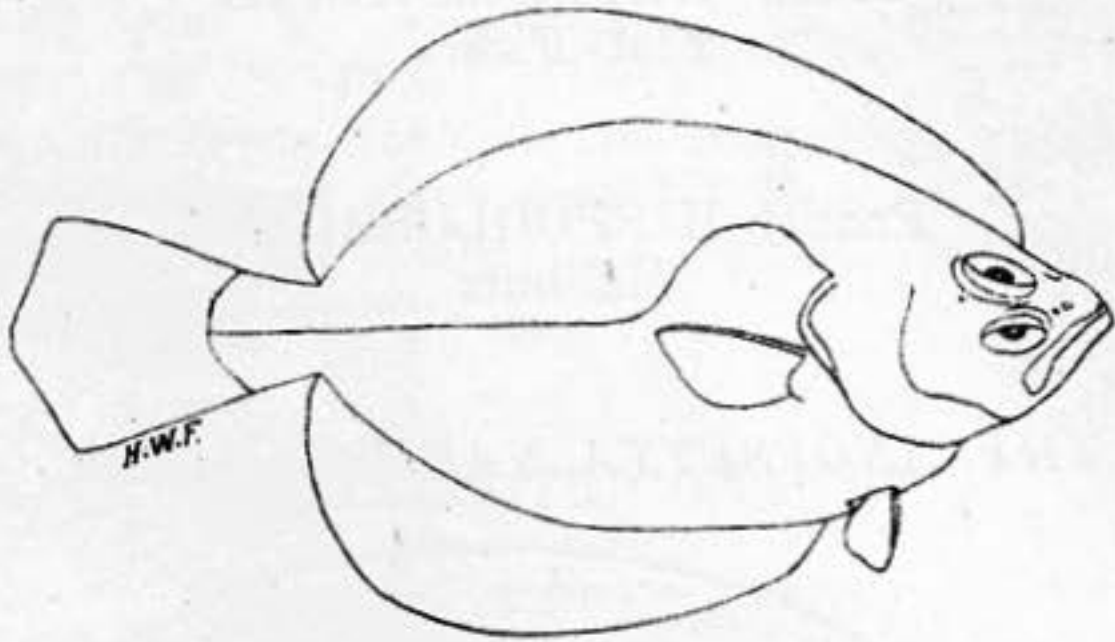
Family HIPPOGLOSSIDAE
Halibuts

THYSANOPSETTA NARESI Günther



Thysanopsetta naresi Günther. From Günther. 1880

Thysanopsetta naresi Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 22, pl. 11, fig. A (type locality, off Cape Virgins, in 55 fathoms).—Vaillant, Miss Sci. Cap. Horn, vol. 6, Poiss., 1888, p. c6 (name only).—Porter, Revista Chil. Hist. Nat., vol. 4, N.º 11, p. 184 (copied).—Delfin, Cat. Peces de Chile, 1901, p. 104 (reference).—Doflo, Rep. Voy. Belgica, Poiss., 1904, p. 91 (reference).—Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fishes, 1907, p. 14 (Punta Arenas).—Norman, Discovery Rep., vol. 2, 1930, p. 358 (off Eddyston Rock, East Falklands; lat. 51° 1' S., long. 66° 31' 30'' W.; 13 miles N. 83° off Cape Virgins Light, Argentina; lat. 52° 53' 45'' S. long. 64° 37' 30'' W.; lat. 51° 58' 30'' S., long. 65° 1' W.); Monograph Flat Fishes, 1934, p. 64, fig. 33 (Falklands; type).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 159 (lat. 52° S.).—Norman Discovery Rep., vol. 16, 1937, p. 131, fig. 74 (Patagonia; Falklands; Magellan Strait; Mocha Island, Chile). Chile (Mocha Island, Punta Arenas). Also Patagonia and the Falklands.

HIPPOGLOSSINA MACROPS Steindachner*Hippoglossina macrops* Steindachner. From Steindachner, 1870

Hippoglossina macrops Steindachner, Sitzs. Akad. Wiss. Wien, vol. 74, pt. 1, 1876, p. 61, pl. 3 (type locality, "Mazatlan" = west coast of South America). — Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c 6 (name only). — Jordan and Goss, Rep. U. S. Fish Comm., pt. 14, 1886 (1889), p. 242 (copied). — J. F. Abbott, Proc. Acad. Nat. Sci. Phila., 1899, p. 475 (Valparaíso). — Lönnberg, Erg. Hamburg, Magalh. Sammelr., vol. 1, Fishes, 1907, p. 14 (part.). — Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 424 (Valparaíso; not Taitao Peninsula specimen). — Norman, Monograph of Flat Fishes, vol. 1, 1934, p. 67 (not fig. 35) (part); Discovery Rep., vol. 16, 1937, p. 132 (lat. 38° 22' S., long. 73° 41' W., Chile). — Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino, vol. 47, ser. 3, N.° 100, 1939, p. 92 (Valparaíso).

?*Paralichthys kingii* (not Jenyns) Fowler, Copeia, N.° 34, 1916, p. 65 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 282 (same specimen).
Chile (Magellan Strait, Smyth Channel, Valparaíso).

HIPPOGLOSSINA MYSTACIUM Ginsburg

Hippoglossina mystacium Ginsburg, Journ. Wash. Acad. Sci., vol. 26, N.° 3, 1936, p. 130, fig. 1 (type locality, near Taitao Peninsula, Chile, lat. 46° 47' 30" S., long. 75° 15' W., in 61 fathoms). — Norman, Discovery Rep., vol. 16, 1931, p. 132 (specimens of *H. macrops* 1934).

Hippoglossina macrops (not Steindachner) Günther, Proc. Zool. Soc. London, 1881, p. 21 (Trinidad Channel, Magellan Straits). — Lönnberg, Erg. Hamburg, Magalh. Sammelr., vol. 1, Fishes, 1907, p. 14 (Smyth

Channel).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 424 (type later described by Ginsburg).—Norman, Monograph of Flat Fishes, vol. 1, 1934, p. 67, fig. 35 (Trinidad Channel specimens).
Chile (Smyth Channel, Taitao Peninsula, Trinidad Channel).

PARALICHTHYS ADSPERSUS (Steindachner).

- Pseudorhombus adpersus* Steindachner, Sitzs. Akad. Wiss. Wien, vol. 55, pt. 1, 1867, p. 709, pl. 2 (type locality, Chinchas Islands, Perú).—Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119 (Antofagasta).
Paralichthys adpersus Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 208 (Juan Fernández).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (457) 468 (Tomé and Lota, Chile).—Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (name only).—Norman, Monograph of Flat Fishes, vol. 1, 1934, p. 83, fig. 49 (Iquique, Lota, Pescadores Bay, Juan Fernández); Discovery Rep., vol. 16, 1937, p. 133 (reference).
Chile (Antofagasta, Iquique, Juan Fernández, Lota, Pescadores, Tomé, Valparaíso). Also Perú.

PARALICHTHYS FERNANDEZIANUS Steindachner

- Paralichthys fernandezianus* Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 208 (type locality, Juan Fernández).
Paralichthys fernandezianus Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (name only).
Paralichthys adpersus (not Steindachner) Jordan and Goss, Rep. U. S. Fish Comm., pt. 14, 1886 (1889), p. 246 (part).
Chile (Juan Fernández).

PARALICHTHYS PATAGONICUS Jordan

Lenguado

- Paralichthys patagonicus* Jordan, in Jordan and Goss, Rep. U. S. Fish Com., pt. 14, 1886 (1889), p. 248 (type locality, east coast of Patagonia).—Norman, Discovery Rep., vol. 16, 1937, p. 133 (discussion; Port Famine specimen).
Pseudorhombus dentatus (not Linnaeus) Günther, Cat. Fish. Brit. Mus., vol. 4, 1862, p. 425 (Port Famine, Magellan Strait).

Paralichthys brasiliensis (not Ranzani) Norman, Monograph Flat Fishes, vol. 1, 1934, p. 77, fig 43 (Günther's Port Famine specimen).

Chile (Magellan Strait). Also Uruguay, Argentina and Patagonia.

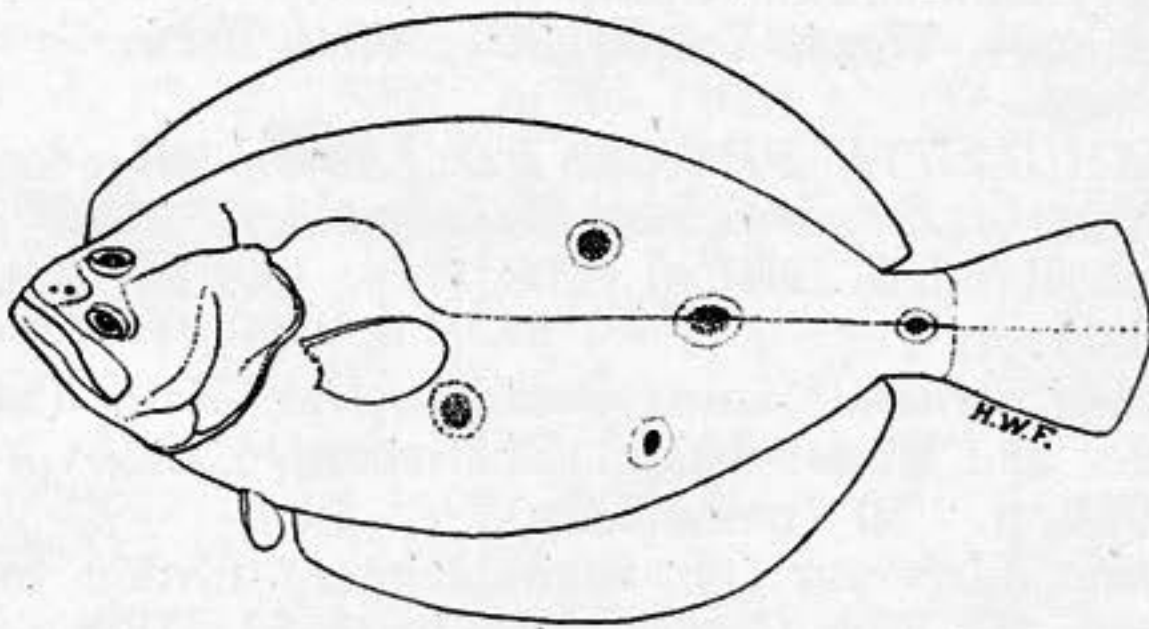
PARALICHTHYS HILGENDORFII Steindachner

Paralichthys hilgendorffii Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 209 (type locality, Juan Fernández). —Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool. vol. 3, pt. 1, 1921, p. 50 (name only).

Paralichthys hilgendorffi Norman, Monogr. Flat Fishes, vol. 1, 1934, p. 87, (compiled).

‡*Paralichthys schmitti* Ginsburg, Proc. U. S. Nat. Mus., vol. 82, art. 20, 1933, p. 1, (type locality, Juan Fernández, Chile). —Norman, op. cit., p. 70 (reference). Chile (Juan Fernández).

PARALICHTHYS MICROPS (Günther)
Lenguado, Plaice (Antofagasta)



Paralichthys microps (Günther). From Norman, 1934

Hippoglossina microps Günther, Proc. Zool. Soc. London, 1881, p. 21 (type locality, west coast of Patagonia). —Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c 6 (name only). —Jordan and Goss, Rep. U. S. Fish Comm., pt. 14, 1886 (1889), p. 242 (copied). —Delfin, Cat. Peces de Chile, 1901, p. 103 (reference).

Paralichthys microps Norman, Monogr. Flat Fishes, vol. 1, 1934, p. 88, fig. 52 (Chile); Discovery Rep., vol. 16, 1937, p. 133 (Chile; Concepción).

‡*Hippoglossus kingii* Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. 138, pl. 26 (type locality, Valparaíso). —

Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 332 (bahía de Valparaíso).

Pseudorhombus kingii Reed, Anal. Univ. Chile, vol. 95, 1897, p. 16.

Hippoglossus kingii Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 154, (Tomé Chañaral) (error).

Hippoglossus (Paralichthys) kingii Delfin, op. cit., vol. 3, N.º 12, 1899, p. 178 (Bahía de Concepción).

Paralichthys kingii Delfin, Cat. Peces de Chile, 1901, p. 104 (reference) (error).

Paralichthys kingii Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 199 (Valdivia).

‡*Pseudorhombus dentatus* (not Linnaeus) Schmeltz, Cat. Mus. Godeffroy, N.o 5, 1874, p. 206 (Iquique).

‡*Paralichthys jordani* Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 325 (type locality, Puerto Montt in Robalo River).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 155 (reference).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6 N.º 1, 1913, p. 199 (Puerto Montt).

Paralichthys jordani Delfin, Cat. Peces de Chile, 1901, p. 104 (reference) (error).

Chile (Chañaral, Concepción, Iquique, Puerto Montt, Tomé, Valdivia, Valparaíso). Also coast of Patagonia. Lieutenant W. Stephen Thomas notes it at Antofagasta in 1944.

PARALICHTHYS COERULEOSTICTA Steindachner

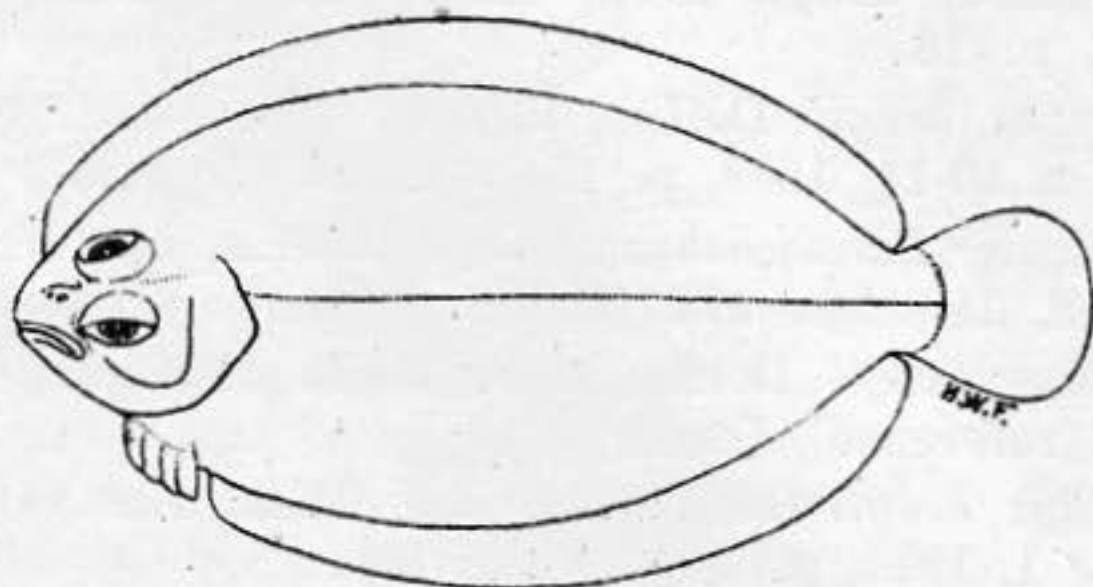
Paralichthys coeruleosticta Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 327 (type locality, Juan Fernández).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 10-11, 1899, p. 155 (reference).—Norman, Monogr. Flat Fishes, vol. 1, 1934, p. 88 (copied).

Paralichtys coeruleosticta Delfin, Cat. Peces de Chile, 1901, p. 104 (reference) (error).

Paralichthys coeruleosticta Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (name only).
Chile (Juan Fernández).

Family BOTHIDAE
Turbot

MANCOPSETTA MACULATA (Günther)



Mancopsetta maculata (Günther) From Günther 1880.

Lepidopsetta maculata Günther, Rep. Voy. Challenger. vol. 1, pt. 6, 1880, p. 18. pl. 30, fig. c (type locality, off Prince Edward's Island, in 310 fathoms).— Norman, Discovery Rep., vol. 2, 1930, p. 361 (type; north of Falklands); Monogr. Flat Fishes, vol. 1, 1934, p. 248 (type: north of Falklands).— Pozzi and Bordale, Anal. Soc. Cient. Argentina vol. 120, 1935, p. 159 (lat. 39° to 52° 30' S.).

Mancopsetta maculata Norman, Monogr. Flat Fishes, vol. 1, 1934, p. 248, fig. 189 (above specimens).
The Falklands and southern Indian Ocean.

ACHIROPSETTA TRICHOLEPIS Norman

Achiropsetta tricholepis Norman, Discovery Rep., vol. 2, 1930, p. 362, fig. 47 (type locality, nine miles N. 21° E. of Arenas Point Light, Tierra del Fuego).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 159 (lat. 38° to 55° S.).— Norman, Monogr. Flat Fishes, vol. 1, 1934, p. 249, fig. 190, (type: Falklands): Discovery Rep., vol. 16, 1937, p. 136 (off Tierra del Fuego).

Chile (Tierra del Fuego). Also in the Falklands.

Order BERYCOIDEI
Berycoid Fishes

Family MELAMPHAIDAE

MELAMPHAES NORDENSKJOELDII Lönnberg
Melamphaes (Plectromus) nordenskjoeldii Lönnberg, Wiss.

Schwed. Südpolar Exped., vol. 5, lief 6, 1905, p. 58 (type locality, off Falklands).

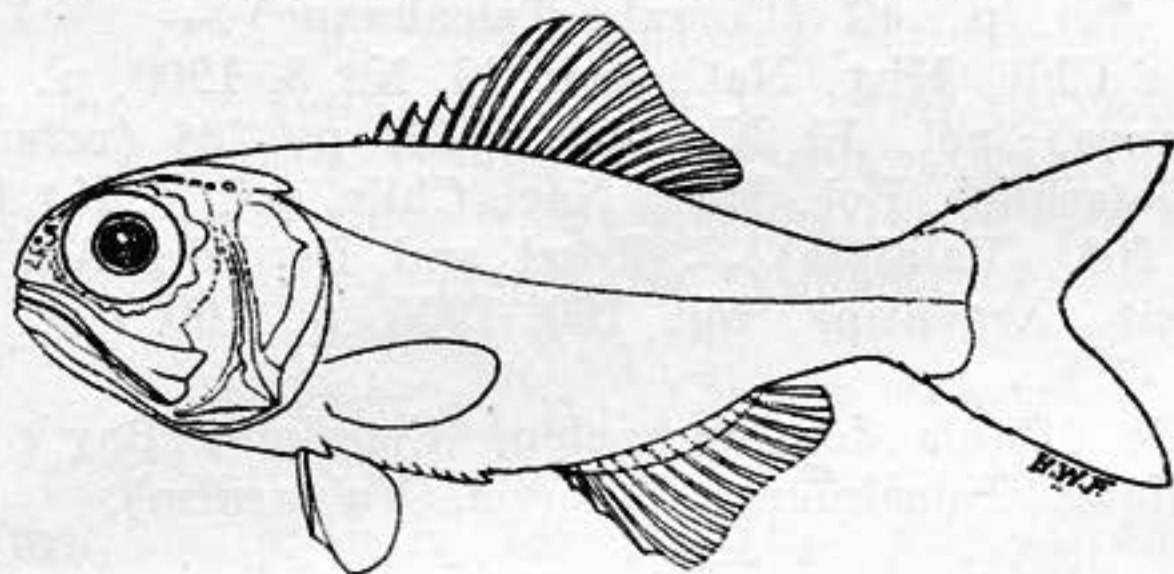
Melamphaes nordenskjöldi Brauer, Erg. Deutsch. Tiefsee-Exped. Valdivia, vol. 15, Fische, 1905, p. 279 (diagnosis in key) p. 279, (reference).

Melamphaes nordenskjoeldii Norman, Ann. Mag. Nat. Hist. London, ser. 10, vol. 4, Aug. 1929, p. 159 (South Atlantic).

Off the Falklands.

Family TRACHICHTHYIDAE

TRACHICHTHYS FERNANDEZIANUS Günther



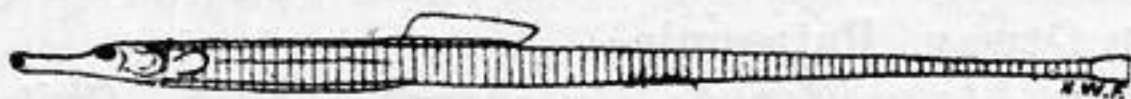
Trachichthys fernandezianus Günther. From Günther 1898

Trachichthys fernandezianus Günther, Rep. Vol. Challenger, vol. 22, 1887, p. 23 (type locality, Juan Fernández).—Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 297, pl. 18, figs. 4-a (Juan Fernández).—Delfin, Cat. Peces de Chile, 1901, p. 49 (reference).—Quijada, Bol. Mus. Nac. Chile, vol. 5, pt. 1, 1913, p. 17 (Juan Fernández).—Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 54 (Masatierra).
Juan Fernández.

Order LOPHOBRANCHII
Tuft Gills

Family SYNGNATHIDAE
Pipe Fishes

SYNGNATHUS ACICULARIS Jenyns
Aguja del mar



Syngnathus acicularis Jenyns. From Jenyns, 1842

Syngnathus acicularis Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. 147, pl. 27, fig. 3 (type locality, Valparaíso).— Guichenot, Hist. Chile. Gay, Zool. vol. 2, 1848, p. 347 (Valparaíso).— Duméril, Hist. Nat. Poiss., vol. 2, 1870, p. 551 (reference).— Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 161 (Coquimbo Bay).— Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 473 (Bay of Coquimbo).— Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 206 (Iquique); N.º 7, 1879, p. 61 (Iquique).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 331 (Coquimbo; Cavancha Bay, Iquique).— Delfin, Cat. Peces de Chile, 1901, p. 42 (Corral; Talcahuano).— Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 56 (reference); vol. 13, Nos 4-5, 1909, p. 284 (reference).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 201 (Valdivia).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 160 (lat. 35° to 52° S.).

Chile (Bahía de Concepción, Coquimbo Bay, Corral, Iquique, Talcahuano, Valdivia, Valparaíso).

SYNGNATHUS PELAGICUS Linnaeus

Syngnathus pelagicus Linnaeus, Syst. Nat., ed. 10, pt. 1, 1758, p. 337 (type locality, swimming in fucus).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 160 (lat. 52° S.).— Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 761, fig. 37 (outline) (Orange Harbor, Tierra del Fuego).

Siphostoma pelagica Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 122 (reference).

Chile (Tierra del Fuego). Also Patagonia and widely distributed in tropical seas.

LEPTONOTUS BLAINVILLIANUS (Eydoux and Gervais) Haouch appour'h (Fuegian), Aguja

Syngnath:Zts. blainvillianus Eydoux and Gervais, Mag. Zool. Guérin, vol. 4 1837, p. 3, pl. 17 (type locality, "Mare Indicum"); Voy. Favorite, Zool., 1839, p. 79, pl. 32 (type).— Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 162 (Chile).— Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 423 (Mayne Harbor and Port Otway, Patagonia).

Syngnathus blainvillanus Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 348 (Chile).— Dollo, Voy. Bél-

gica, Poiss., 1904, p. 93 (reference).—Lönnberg, Erg. Hamburg, Magalh. Sammelr., vol. 1, Fishes, 1907, p. 15 (Puerto Bueno, Smyth Channel).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 201 (Valdivia).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 160 (lat. 52° to 55° S.).—Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 761, fig. 35 (outline) (Valparaíso).

Syngnathus blainvillei Delfin, Cat. Peces de Chile, 1901, p. 43 (Talcahuano; Valparaíso).

Syngnathus (Leptonotus) blainvillianus Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 331 (Tumbes; Talcahuano).

Syngnathus blainvillianus Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 12, 1899, p. 178 (Bahía de Concepción); vol. 4, N.º 2, 1900, p. 25 (Chile).

Leptonotus blainvillii Kaup, Cat. Lophobr. Fish, 1856, p. 46, (South America).

Leptonotus blainvilleanus Duméril, Hist. Nat. Poiss., vol. 2, 1870, p. 581 (type).—Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c 5) c 16 (Orange Bay).—Norman, Discovery Rep., vol. 16, 1937, p. 40, fig. 17 (lat. 35° 36' S., long. 72° 44' W., off Chile).

Leptonotus blainvillianus Duncker, Mitt. Mus. Hamburg, vol. 32, 1914, (1915), p. 88 (Perú to Orange Bay).

Siphostoma blainvilliana Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 122 (reference).

Hemithylacus petersii Duméril, Hist. Nat. Poiss., vol. 2, 1870, p. 600 (type locality, Puerto Montt).

Acmonotus chilensis Philippi, An. Univers. Chile., vol. 93, 1896, p. 383 (type locality, Coronel).—Delfin, Revista Chil. Hist. Nat., vol. 4, N.º 2, 1900, p. 25 (reference); Cat. Peces de Chile, 1901, p. 42 (Corral; Cauquenes).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 201 (Valdivia).

Chile (Bahía de Concepción, Coronel, Cauquenes, Orange Bay on Tierra del Fuego, Puerto Bueno, Puerto Montt, Talcahuano, Tumbes, Valdivia, Valparaíso). Also in Perú.

PROTOCAMPUS HYMENOLOMUS (Richardson)

Syngnathus hymenolomus Richardson, Voy. Erebus and Terror, Ichth., 1844-48, p. 52, pl. 30, figs. 11-13 (type locality, harbors of Falkland Islands).

- Nerophis hymenolomus* Kaup, Cat. Lophobr. Fish, 1854, p. 67 (copied).
- Protocampus hymenolomus* Günther, Cat. Fish. Brit. Mus., vol. 8, 1870, p. 194 (types).— Vaillant, Miss Sci. Cap Horn, vol. 6, Poiss., 1888, p. c. 5 (name only).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 161 (lat. 52° S.).
Falkland Islands and Argentina.

Family MACRORHAMPHOSIDAE
Snipe Fishes

- MACRORHAMPHOSUS FERNANDEZIANUS** (Delfin)
Centriscus fernandezianus Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 5, 1899, p. 75, (type locality, Isla de Juan Fernández); Cat. Peces de Chile, 1901, p. 44 (reference).— Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 56, text. fig.
- ‡*Centriscus gracilis* (not Lowe) Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 471 (between Montevideo and Strait of Magellan).
Chile (Juan Fernández). Also western South Atlantic.

Suborder PERCESOCES
Perch-Pikes

Family ATHERINIDAE
Siversides

CAUQUE MAULEANUM (Steindachner)
Pejeray

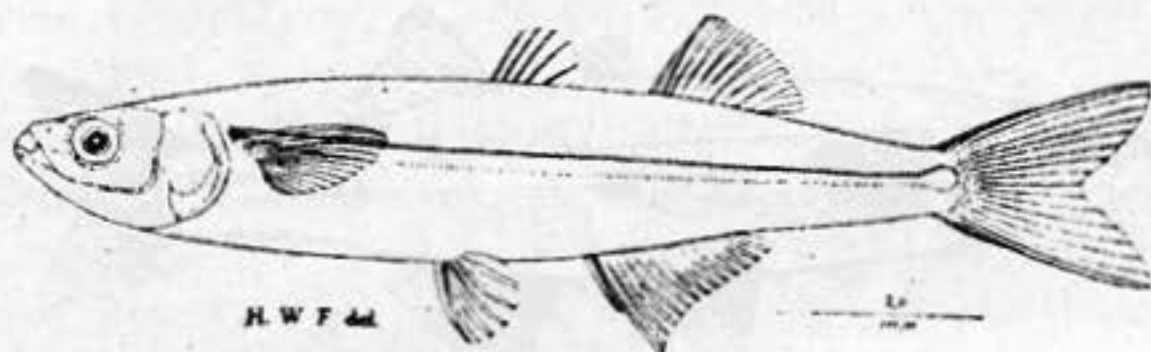
- Chirostoma mauleanum* Steindachner, Ann. Hofmus. Wien, vol. 11, 1896, p. 231 (type locality, Maule River, Chile); Zool. Jahrb., Suppl. Band 4, 1898, p. 313 (Pichi Laguna, tributary of Llanquihue Lake).
- Chirostoma mauleanum* Delfin, Revista Chil., Hist. Nat., vol. 3, N.º 6, 1899, p. 99 (reference) (error).
- Atherinichthys mauleanum* Delfin, Cat. Peces de Chile, 1901, p. 46 (reference).
- Atherinichthys mauleana* Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 199 (Valdivia).
- Menidia mauliana* Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456) 465 (Tomé and Lota, Chile).
- Austromenidia mauleana* Jordan and Hubbs, Stanford Univ. Publ., Dec. 18, 1918, p. 67 (compiled).

Cauque mauleanum Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 56, pl. 12, fig. 2 (radiograph), pl. 14, fig. 2 (Chilean localities). — Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 761, fig. 38 (outline) (Valparaíso).

‡*Cyprinus caucus* Molina, Saggio sulla storia naturale del Chile, vol. 4, 1782, p. 195 (type locality, Chile). — Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 184 (identification).

Chile (Lota, Pichi Laguna, Tomé, Valdivia, Valparaíso).

CAUQUE MOLINAE Fowler



Cauque molinae Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 183, fig. 16 (type locality, Malleco River, Angol, Chile).

Chile (Angol*).

CAUQUE WIEBRICHI Eigenmann

Cauque wiebrichi Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 58, pl. 14, fig. 3 (type locality, Valdivia market).

Chile (Valdivia).

CAUQUE ITATANUM (Steindachner)

Chirostoma itatanum Steindachner, Ann. Hofmus. Wien, vol. 11, 1896, p. 232 (type locality, Itata River, Chile).

Austromenidia itatana Jordan and Hubbs, Stanford Univ. Publ., Dec. 18, 1919, p. 67 (reference).

Cauque itatana Eigenmann, Mem. Nat. Acad., vol. 22, N.º 2, 1927, p. 58 (reference).

Chile (Río Itata).

CAUQUE BREVIANALIS (Günther)

Atherinichthys brevianalis Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (type locality, Valparaíso). —

Delfin, Cat. Peces de Chile, 1901, p. 48 (reference).

Austromeniidia brevianalis Jordan and Hubbs, Stanford Uni. Publ., Dec. 18, 1919, p. 67 (compiled).

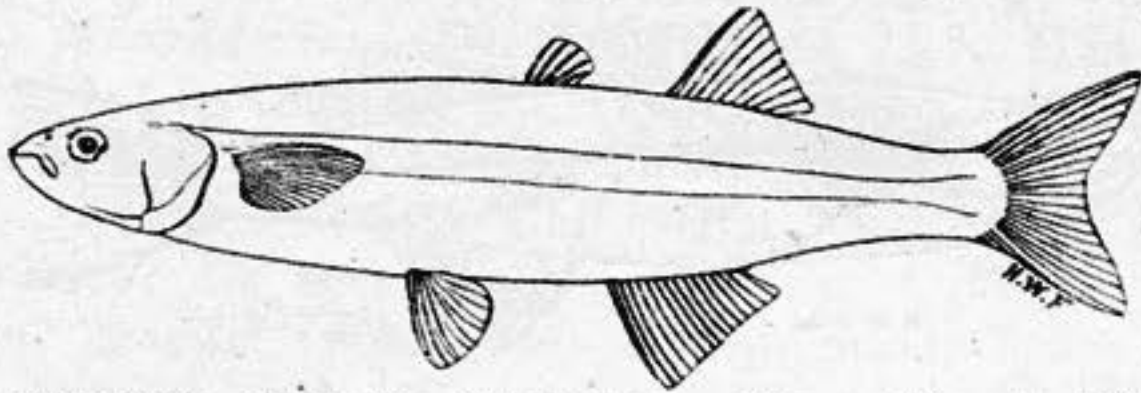
Cauque brevianalis Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 58, pl. 14, fig. 1 (La Serena).

‡*Cyprinus julus* Molina, Saggio sulla storia naturale del Chile, vol. 4, 1782, p. 195 (type locality, Chile). — Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 184 (identification).

‡*Atherinichthys incisa* (not Jenyns) Kner, Reise Novara, Fische, 1865, p. 223 (Chile).

‡*Atherina incisa* Kner. l. c., pl. 9, fig. 1. Chile (La Serena)

BASILICHTHYS AUSTRALIS Eigenmann



Basilichthys australis Eigenmann. From Girard, 1855.

Basilichthys australis Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 59, pl. 12, fig. 3 (radiograph), pl. 14, fig. 5 (type locality, Santiago market, Llo-Lleo; Peñaflores; Hospital; San Javier; Río Nonquén; Coigüe; Lautaro; Valdivia; Lago Riñihue; Osorno).

Atherina laticlavia (part) Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 10, 1835, p. (351) 473 (Laguna de Taguatagua).

Chirostoma laticlavia Steindachner, Zool. Jahrb., Suppl., Band 4, 1898, p. 312 (Tumbes; Talcahuano).

Basilichthys laticlacia Regan, Mem. Roy. Soc. Edinburgh, vol. 49, 1914, p. 237 (Port Stanley, Falklands).

Basilichthys microlepidotus (not Jenyns) Girard, Proc. Acad. Nat. Sci. Phila., 1854 p. 98 (fresh-waters of Chile); U. S. Naval Astronom. Exped., vol. 2, Fish, 1855, p. 238, pl. 30, figs. 6-9 (Río Mapocho).

Atherinopsis microlepidota Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. 456 (reference) (error).

Atherinopsis microlepidota Thompson, op .cit., p. 463 (Tomé and Lota, Chile).

Chile, (Coigüe, Hospital, Lago Riñihue, Laguna de Taguatagua, Lautaro, Llo-Lleo, Lota, Osorno, Peñaflores, Río Mapocho, Río Nonquén, San Javier, Santiago, Talcahuano, Tomé, Tumbes, Valdivia).

BASILICHTHYS MICROLEPIDOTUS (Jenyns)

Atherina microlepidota Jenyns, Zool., Voy. Beagle, Fish., vol. 4, 1842, p. 78, pl. 14, figs. 1-1a-b (type locality, Valparaíso).— Guichenot, Hist. Chile, Gay Zool., vol. 2, 1848, p. 253 (provincias de Santiago, la Concepción, etc.).

Atherinichthys microlepidota Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 403 (compiled). — Kner, Reise Novara, Fische, 1865, p. 222 (Chile).— Schmeltz, Cat. Mus. Godeffroy, N.º 7, 1879, p. 50 (Chile).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 111 (compiled).

Atherinichthys (Atherinopsis) microlepidota Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 31 (west coast of South America).

Atherinichthys (Chirostoma) microlepidota Delfin, Revista Chil., Hist. Nat., vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción).

Atherinichthys regia subsp. *microlepidota* Delfin, Cat. Peces de Chile, 1901, p. 47 (compiled).

Atherinopsis microlepidotus Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 20, (west coast of South America).

Basilichthys microlepidotus Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 60 (La Serena; Choapa; Calera).— Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 184 (El Vergel and Malleco River at Angol, Chile).

Cyprinus malchus Molina, Saggio sulla storia naturale del Chile, vol. 4, 1782, p. 195 (type locality, Chile).— Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 184 (identification).

Basilichthys smiti var. *australis* Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 162 (lat. 38° to 52° S.).

Chile (Angol*, Bahía de Concepción, Calera, Choapa, El Vergel*, La Serena, Santiago, Valparaíso).

BASILICHTHYS GRACILIS (Steindachner)

Chirostoma gracile Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 314 (type locality, Juan Fernández).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 110 (reference).

Atherinichthys gracilis Delfin, Cat. Peces de Chile, 1901, p. 47 (reference).— Rendahl, Nat. Hist. Juan Fernández and Easter Island Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 53 (Masatierra).

Austromenidia gracilis Jordan and Hubbs, Stanford Univ. Publ., Dec. 18, 1919, p. 67 (reference).
Chile, (Juan Fernández, Masatierra).

AUSTROMENIDIA SMITTI (Lahille)

Basilichthys smitti Lahille, Revista Chil. Hist. Nat., vol. 33, 1929, p. 84 (type locality, Chile) [not seen].

—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 161 (lat. 38° to 52° S.).

Austromenidia smitti Norman, Discovery Rep., vol. 16, 1937, p. 120, fig. 66-A (Port Stanley, Falklands; Magellan Strait).

Atherinichthys laticlavia (not Valenciennes) Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 402 (part).—Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 471 (part).

Atherinichthys regia forma *laticlavia* Smitt, Bihang Svensk. Vet. Akad. Handl. Stockholm, vol. 24, afd. 4, N.º 5, 1898, p. 32, pl. 4, fig. 30 (Puerto Gallegos Bay; Ultima Esperanza).

Basilichthys laticlavia Regan, Trans. Roy. Soc. Edinburgh, vol. 49, 1913, p. 237.

Atherinichthys regia (not Humboldt) Smitt, op. cit., p. 31, pl. 4, figs. 30 (not 31) (Tierra del Fuego).

Basilichthys smithi var. *australis* Lahille, Revista Chil. Hist. Nat., vol. 33, 1929, p. 89 (type locality, Chile) [not seen].

Basilichthys madrynensis Lahille, op. cit., p. 344, fig. (type locality, Port Madryn).

Chile (Magellan Strait, Tierra del Fuego). Also the Falklands.

AUSTROMENIDIA LATICLAVIA (Valenciennes)

Peje-rey

Atherina laticlavia Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 10, 1835, p. (351) 473 (type locality, Valparaíso).—Guichenot, Hist. Zool. Gay, Zool., vol. 2, 1848, p. 252 (Valparaíso); atlas, 1854, pl. 4 bis, fig. 1.

Atherinichthys laticlavia Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 402 (Valparaíso) (not Falkland Islands specimen).—Cunningham, Trans. Linn. Soc. London, vol. 27, pt. 4, 1871, p. 471 (Magellan Strait, Punta Arenas, Port Famine, Port Gallant).—Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p.

e 6). c22 (Río Pescado, Patagonia).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 111 (Valparaíso).— Dollo, Voy. Bélgica, Poiss., 1904, p. 88 (reference).— Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fishes, 1907, p. 12 (Punta Arenas).—Gotschlich, Bol. Mus. Nat. Chile, vol. 6, N.º 1, 1913, p. 199 (Valdivia).

Atherinichthys regia subsp. *laticlavia* Delfin, Cat. Peces de Chile, 1901, p. 46 (compiled).

Chirostoma laticlavia Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 313 (Tumbes, Talcahuano).— Delfin Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 99 (reference).

Austromenidia laticlavia Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 55 (Valdivia and Antofagasta, Chile).— Fowler, Proc. Acad. Nat. Sci. Phila, 1940, p. 182 (Angol).

Chirostoma affine Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 313 (type locality, Iquique).

Chirostoma affinis Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 99 (reference).

Atherinichthys affinis Delfin, Cat. Peces de Chile, 1901, p. 47 (reference).

Basilichthys affinis Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino, vol. 47, ser. 3, N.º 100, 1939, p. 107 (Valparaíso).

Chile (Angol, Antofagasta, Iquique, Magellan Strait, Port Famine, Port Gallant, Punta Arenas, Valdivia, Valparaíso). Also in Patagonia and the Falklands. Lieutenant W. Stephen Thomas lists a peje-rey or silversides from Antofagasta as *Basilichthys* which may possibly be the present species.

AUSTROMENIDIA NIGRICANS (Richardson)

Atherina nigricans Richardson, Ichth. Voy. Erebus and Terror, 1848, p. 77, pl. 42, figs. 13-18 (type locality, Falklands Islands).

Atherinichthys nigricans Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 403 (type).— Smitt, Bihang Svensk. Vet. Akad. Handl. Stockholm, vol. 24, afd. 4, N.º 5, 1898, p. 29, pl. 4, fig. 29 (Puerto Gallego Bay, Tierra del Fuego).— Delfin, Cat. Peces de Chile, 1901, p. 46 (compiled).— Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fishes, 1907, p. 12 (Usuaia, Tierra

- del Fuego).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 199 (Valdivia).
- Austromenidia nigricans* Jordan and Hubbs, Stanford Univ. Publ., Dec. 18, 1919, p. 67 (compiled).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 162 (lat 52º S.).— Norman, Discovery Rep., vol. 16, 1937, p. 121, fig. 66B (Port Stanley, Falklands; type and types of *Atherinichthys alburnus*: Sandy Point; Magellan Strait; southern Chile).
- Atherinichthys laticlavia* (not Valenciennes) Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 402 (Falklands and Port Louis) (not Valparaíso specimens).
- Atherinichthys alburnus* Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 404 (type locality, Magellan Strait).— Cunningham, Trans. Zool. Soc. London, vol. 27, pt. 4, 1871, p. 471 (Punta Arenas).— Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c 6 (name only).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 113 (reference).— Dollo, Voy, Belgique, Poiss., 1904, p. 89 (reference).
- Menidia alburnus* Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p.(419) 423 (Laredo Bay, Gregory Bay and Sandy Point).
- Atherinichthys regia* (not Humboldt) Smitt, Bihang Svensk. Vet. Akad. Handl. Stockholm, vol. 24, afd. 4, N.º 5, 1898, p. 31, pl. 4, fig. 31 (not. 30). (Puerto Madryn material).
- Atherinichthys regia* forma *microlepidota* (not Jenyns) Smitt, op. cit., p. 32, pl. 4, fig. 31 (Puerto Madryn Bay, lat. 43º S., long. 65º W.).
- Basilichthys nigricans* var. *macropterus* Lahille, Bol. Minist. Agric. Nac. Repúb. Argentina, vol. 28, 1928, p. 346, fig. .. (type locality).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 162 (lat. 52º S.).
Chile (Magellan Strait, Puerto Gallego, Ushuaia, Laredo Bay, Punta Arenas, Tierra del Fuego, Valdivia). Also in Argentina and the Falklands.

AUSTROMENIDIA REGIA (Humboldt)

- Atherina regia* Humboldt, in Humboldt and Bonpland. Rec. Obs. Zool. Anat. Comp., vol. 2, 1833, p. 187 (type locality, "surtout dans l'Océan-Pacifique près du Callao de Lima").— Valenciennes, in Cuvier and Valenciennes,

nes, Hist. Nat. Poiss., vol. 10, 1835, p. (352) 474 (on Humboldt).

Atherinichthys regia Smitt, Bihang Svensk, Vet. Akad. Handl Stockholm. vol. 14, afd. 4, N.º 5, 1898, p. 31 (part).— Delfin, Cat. Peces de Chile, 1901, p. 46 (compiled).— Porter, Revista Chil. Hist. Nat. vol. 13, N.º 3, 1909, p. 57 (reference); vol. 13, N.os 4-5, 1909, p. 284.

Atherinopsis regius Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 207 (Cavancha Bay, Iquique).

Basilichthys regia Fowler, Proc. Acad. Nat. Sci. Phila., 1903, p. 734 (Callao Bay, Perú).

Menidia regia Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456) 465 (Tomé and Lota, Chile).

Austromenidia regia Jordan and Hubbs, Stanford Univ. Publ., Dec. 18, 1919, p. 66 (compiled).— Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 55, pl. 12, fig. 4 (radiograph), pl. 14 fig. 4 (Callao) (on Steindachner).— Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 763 (Callao).

Chile (Lota, Tomé Iquique.) Also Perú.

NOTOCHEIRUS HUBBSI Clark

Notocheirus hubbsi Clark, Copeia, N.º 2, Aug. 18, 1937, p. 89, fig. (photographs) (type locality, Valparaíso Harbor, Chile).

Chile (Valparaíso).

Family MUGILIDAE Gray Mulletts

MUGIL CEPHALUS Linnaeus

Lisa, Liza

Mugil cephalus Linnaeus, Syst. Nat., ed. 10, pt. 1, 1758, p. 316 (type locality, European Ocean, entering rivers).— Steindachner, Zool. Jahrb, Suppl. Band 4, 1898, p. 315 (Juan Fernández).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 113 (compiled); Cat. Peces de Chile, 1901, p. 48 (Talcahuano, Valparaíso, Juan Fernández).— Steindachner, op. cit., vol. 6, 1903, p. 207 (Coquimbo). 3.— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 285 (reference).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 11, 1913, p. 199 (Valdivia).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat.

- Sci. Phila., 1926, p. 278 (Valparaíso); Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 763 (Valparaíso).
- Mugil liza* (not Valenciennes) Guichenot, Hist. Chile, Gay, Zool, vol. 2, 1848, p. 256 (costas de Chile; La Herradura, la laguna de Quintero).
- ‡*Mugil curema* (not Valenciennes) Guichenot, op. cit., p. 259 (Chile).— Delfin, Cat. Peces de Chile, 1901, p. 49 (reference).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 284 (reference).
- Mugil rammelsbergii* Günther, Cat. Fish. Brit. Mus., vol. 3, 1861, p. 420 (Chile).— Schmeltz, Cat. Mus. Godefroy, N.º 4, 1869, p. 21 (Chile).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 6, 1899, p. 113 (Valparaíso; Concón); Cat. Peces de Chile, 1901, p. 48 (Chile).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 199 (Valdivia).
- Mugil rammelsbergii* Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 285 (reference).
- Mugil brasiliensis* (not Agassiz) Delfin, op. cit., vol. 3, N.º 6, 1899, p. 111 (compiled).
Chile, (Concón, Coquimbo, Herradura, Juan Fernández, Quintero, Talcahuano, Valdivia, Valparaíso). Widely distributed in tropical seas. Lieutenant Thomas reports it at Antofagasta in 1944.
Guichenot also includes *Mugil petrosus* and *Mugil plumieri*, though as they are without detailed localities, or citations of capture, they may best be eliminated until further evidence is forthcoming (Hist. Chile, Gay, Zool., vol. 2, 1848, p. 260).

Group SCOMBROIDEI
Mackerel-like Fishes

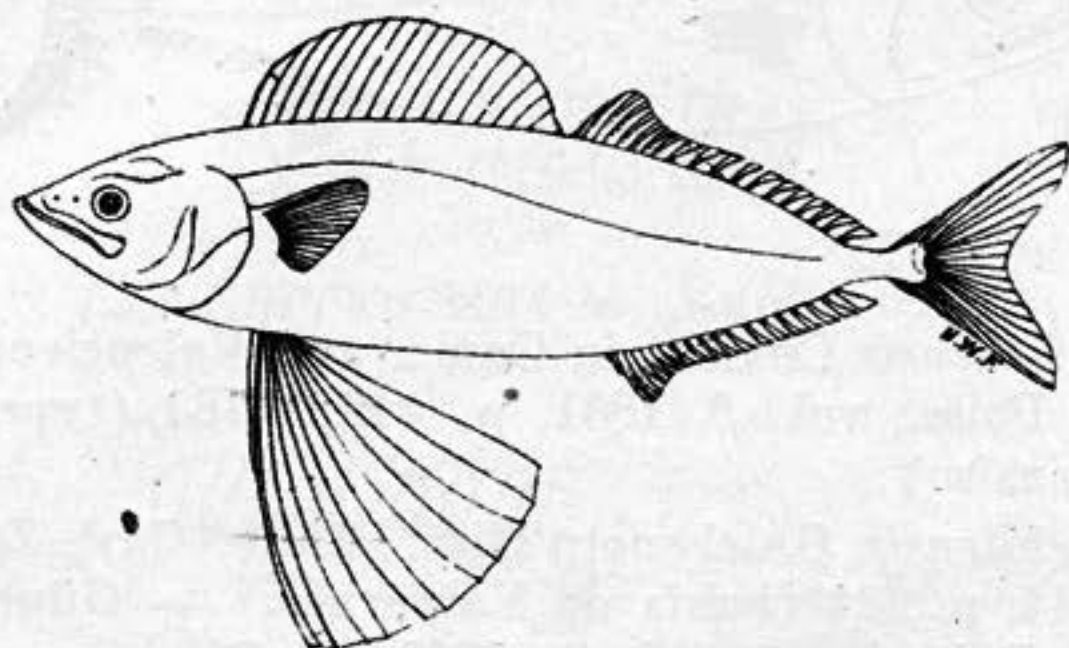
Family SCOMBRIDAE
Mackerels

SCOMBER COLIAS Cette

- Scomber colias* Cette, Fauna Sardica, 1784, p. 31 (type locality, "Sardica").— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 57, pt. 1, 1868, p. 989 (Chile).— Delfin, Cat. Peces de Chile, 1901, p. 49 (Valparaíso).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 289, pl. 24.
- Scomber japonicus* Porter, op. cit., vol. 13, N.º 3, 1909, p. 57 (reference).

Chile (Valparaíso). Also widely distributed in the Atlantic and the coasts of Perú, likely northward.

GASTEROCHISMA MELAMPUS Richardson



Gasterochisma melampus Richardson. From Richardson, 1845

Gasterochisma melampus Richardson, Ann. Mag. Nat. Hist. London, vol. 15, 1845, p. 346 (type locality, Port. Nicholson, New Zealand). — Norman, Discovery Rep., vol. 16, 1937, p. 97 (West Point Island, Falklands).

Chenogaster holmbergi Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 163 (lat. 35° 30' to 54° S.).

Argentina and the Falklands. Also in Australia and New Zealand.

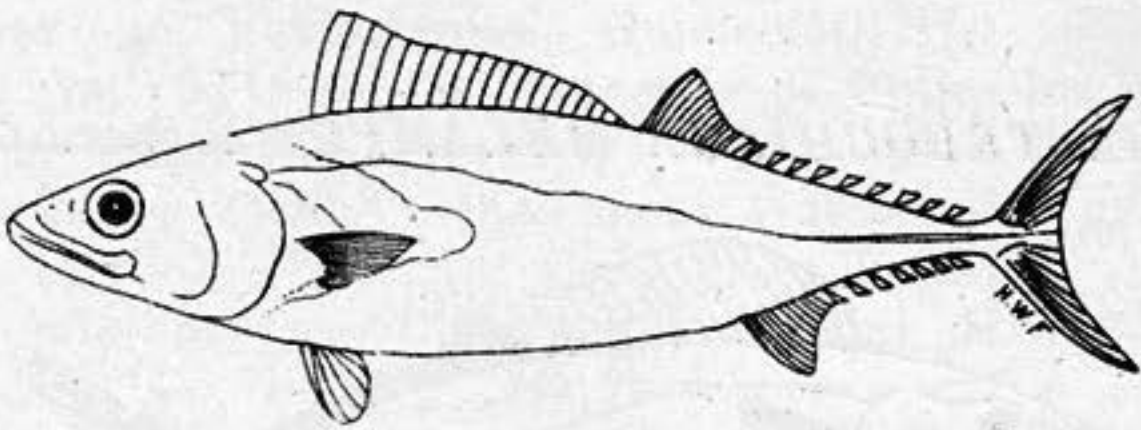
Family THUNNIDAE
Tunnies

GERMO ALALUNGA (Bonnaterre)
Albacore

Scomber alalunga Bonnaterre, Tabl. Ichth., 1788, p. 139 (type locality, Mediterranean Sea).

Thunnus germon Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino, vol. 47, ser. 3, N.° 100, 1939, p. 148 (lat. 27°—32° S., long. 87°—92° W., west of Chile). Pacific Ocean west of Chile. Widely distributed in tropical seas.

SARDA CHILIENSIS (Cuvier)
Bonito



- Pelamys chiliensis* Cuvier., in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 8, 1831, p. (118) 163 (type locality, Valparaíso).
- Pelamys chilensis* Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 224 (bahía de Valparaíso).— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 368 (compiled).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 57, pt. 1, 1868, p. 989 (Chile).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 3-4, 1899, p. 58 (Chile).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119 (Antofagasta).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 41 (Chile).
- Pelamis chilensis* Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción).
- Sarda chilensis* Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 115 (reference).— Delfin, Cat. Peces de Chile, 1901, p. 50 (Iquique; Valparaíso).— Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 58 (reference); vol. 13, N.os 4-5, 1909, p. 289.— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 198 (Valdivia).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 278 (Valparaíso).
- Sarda chilensis* Porter, Revista Chil. Hist. Nat., vol. 13, fig. 31 (on p. 290).
- Sarda chiliensis* Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino, vol. 47, ser. 3, N.º 100, 1939, p. 147 (Callao a Valparaíso).
Chile (Antofagasta, Bahía de Concepción, Iquique, Valdivia, Valparaíso). Lieutenant Thomas reports it at Antofagasta in 1944. Widely distributed in the tropical Pacific.

NEOTHUNNUS MACROPTERUS (Schlegel)

Atun, Tunny, Yellow-fin Tuna.

Thynnus macropterus Schlegel, Fauna Japonica, Poiss., pts. 5-6, 1844, p. 98, pl. 51 (type locality, Japan).

Listed at Antofagasta, by Lieutenant Thomas in 1844.

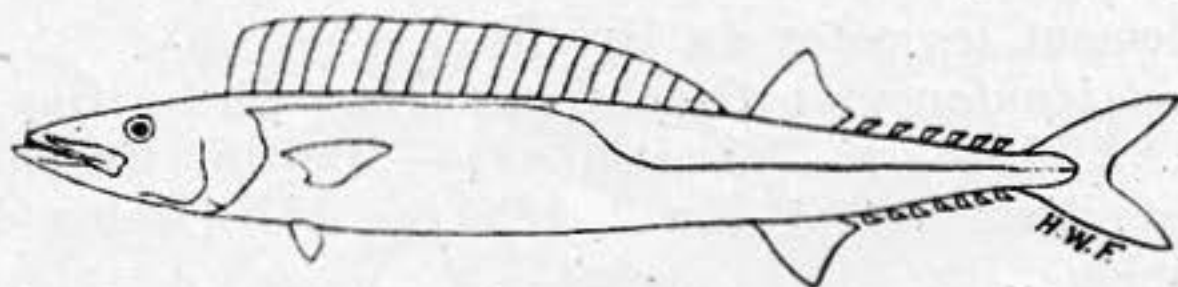
I have no previous citation for Chile.

Family *GEMPYLIDAE*

Snake Mackerels

THYRSITES ATUN (Euphrasen)

Sierra

*Scomber atun* Euphrasen, Vet. Acad. Nya Handl. Stockholm, vol. 12, 1791, p. 351 (type locality, "Cap b. Spei, nec non circa insulas Nord-Eyland en Javam Indiae orientalis").*Thyrsites atun* Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (Valparaíso).— Vaillant, Miss, Sci. Cap Horn, Vol. 6, Poiss., 1888, p. (e 6) e 29 (Orange Bay).— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 97, 115 (reference).— Dollo, Voy. Belgique, Poiss., 1904, p. 84 (reference).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 203 (reference).— Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (419) 424 (Port Otway, Patagonia).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 278 (Valparaíso).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 163 (lat. 38° to 55° S.).— Norman, Discovery Rep., vol. 16, 1937, p. 96, fig. 48 (Patagonia, Falklands, Chile).*Thyrsites atun* Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 57 (Valparaíso).*Thyrsites atun* Delfin, op. cit., vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción) (error).*Thyrsites atun* Delfin, Cat. Peces de Chile, 1901, p. 50 (Valparaíso).*Thyrsites chilensis* Cuvier, in Cuvier and Valenciennes,

Hist. Nat. Poiss., vol. 8, 1831, p. (150) 204 (type locality, Valparaíso).— Guichenot Hist. Chile, Gay, Zool., vol. 2, 1848, p. 226 (Chile). — Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 8 (Chile).

Chile (Bahía de Concepción, Orange Bay, Valparaíso). Also in Patagonia and the Falklands. Extralimital in New Zealand, Australia.

THYRSITOPS LEPIDOPODES (Cuvier)

Sierra.

Thyrstites lepidopodea Cuvier, in Lesson. Voy. Coquille, Zool., Poiss., vol. 2, 1830, p. 158, pl. 15 (type locality, "l'ocean Atlantique entre les tropiques, et principalement les côtes du Brésil).

Thyrstites lepidopoides Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 228 (Chile).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 2, 1899, p. 177 (Bahía de Concepción).

Thyrstites lepidopoides Delfin, op. cit., vol. 3, N.ºs 3-4, 1899, p. 58 (reference) (error).

Thyrstites lepidopoides Delfin, Cat. Peces de Chile, 1901, p. 51 (Chile).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 203 (estuario del Pudeto).

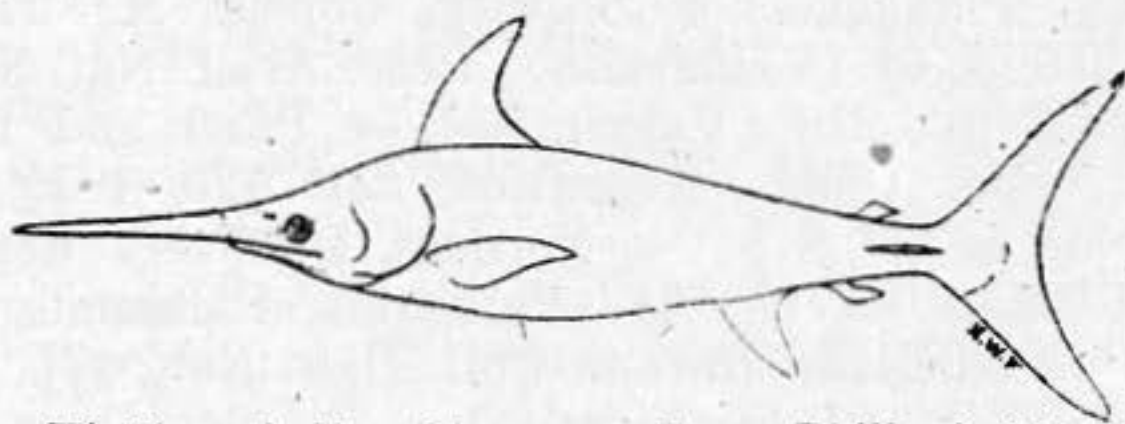
Chile (Bahía de Concepción, estuario del Pudeto). Also Brazil. Listed at Antofagasta by Lieutenant W. Stephen Thomas in 1944.

Family XIPHIIDAE

Sword Fishes

XIPHIAS GLADIUS Linnaeus

Pez-espada, Albacora (Antofagasta)



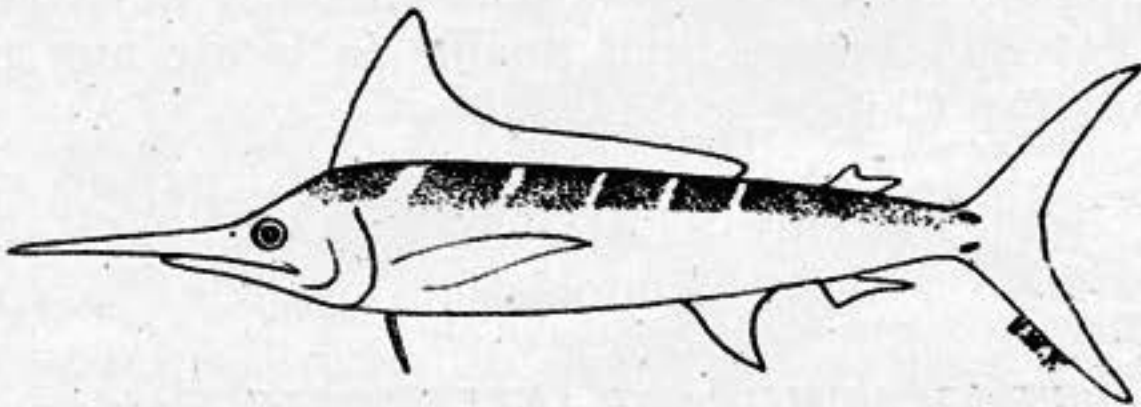
Xiphias gladius Linnaeus. From Philippi, 1887

Xiphias gladius Linnaeus, Syst. Nat., ed. 10, pt. 1, 1758, p. 248 (type locality, European Ocean).— Philippi, An. Univ. Chile., vol. 71, 1887, p. 565, pl. 8, fig. (Iquique; Tarapacá).— Gill, Mem. Nat. Acad. Sci., vol., 6, 1893,

p. 115 (reference).—Delfin, *Revista Chil. Hist. Nat.*, vol. 3, N.º 5, 1899, p. 81 (Iquique); *Cat. Peces de Chile*, 1901, p. 51 (Iquique).—Porter, *Revista Chil. Hist. Nat.*, vol. 13, N.os 4-5, 1909, p. 290 (reference).—Quijada, *Bol. Mus. Nac. Chile*, vol. 5, N.o 1, 1913, p. 49, pl. 8 (Chile).—Gotschlich, *Bol. Mus. Nac. Chile*, vol. 5, N.º 1, 1913, p. 199 (Valdivia). Chile, Iquique, Valdivia, Tarapacá. Widely distributed in temperate and tropical seas of the globe. Listed by Lieutenant Thomas at Antofagasta in 1944.

Family ISTIOPHORIDAE
Sail fishes

ISTIOPHORUS AUDAX Philippi
Pez-aguja



Istiophorus audax Philippi. From Philippi, 1887

Histiophorus audax Philippi, *Anal. Univ. Chile*, vol. 71, 1887, p. 567, pl. 8, figs. 2-3 (type locality, Chile).—Delfin, *Revista Chil. Hist., Nat.*, vol. 3, N.º 5, 1899, p. 82 (Iquique).—Porter, *Revista Chil. Hist. Nat.*, vol. 13, N.os 4-5, 1909, p. 290 (reference).—Quijada, *Bol. Mus. Nac. Chile*, vol. 5, N.º 1, 1913, p. 49 (Chile).—Gotschlich, *Bol. Mus. Nac. Chile*, vol. 6, N.º 1, 1913, p. 199 (Valdivia).

Istiophorus audax Delfin, *Cat. Peces de Chile*, 1901, p. 52 (Tarapacá). Chile (Iquique, Tarapacá, Valdivia).

Family LEPIDOTIDAE
Pomfrets

LEPIDOTUS CHILENSIS (Guichenot)
Hacha

Brama chilensis Guichenot, *Hist. Chile*, Gay, *Zool.*, vol. 2, 1888, p. 218 (type locality, "mercados de Valparaíso").—Günther, *Cat. Fish. Brit. Mus.*, vol. 2, 1860,

p. 409 (note).— Delfin, Cat. Peces de Chile, 1901, p. 56 (compiled).

Lepidotus chilensis Whitley, Australian Zoologist, vol. 9, pt. 2, Nov. 30, 1938, p. 193 (name only).

Brama rayi (not Bloch) Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 60 (Valparaíso).

Chile (Valparaíso). Whitley has shown that *Lepidotus* Aso 1801 is prior to *Brama* Schneider 1801.

Family CORYPHAENIDAE

Dolphins

CORYPHAENA HIPPURUS Linnaeus

Dorado

Coryphaena hippurus Linnaeus, Syst. Nat., ed. 10. pt. 1, 1758, p. 261, (type locality, pelagic, in open seas).

Lieutenant W. Stephen Thomas lists it at Antofagasta in 1944 and I have been unable to locate any previous record for Chile.

Family STROMATEIDAE

Fiatolas

STROMATEUS BRASILIENSIS Fowler

Pampanito, Cagavino

Stromateus brasiliensis Fowler, Proc. Acad. Nat. Sci. Phila., 1906, p. 116, fig. 2 (type locality, Río Grande do Sul, Brazil).

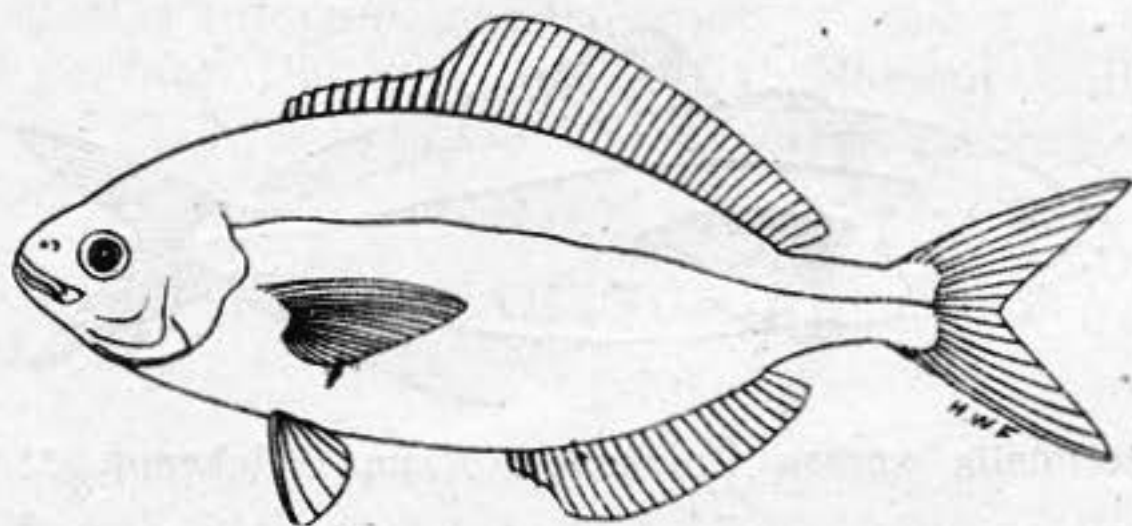
Stromateus maculatus (not Forster 1794) Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 74 (Chiloé, Western South America).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 248 (costas de Valparaíso); atlas, 1854, pl. 3 bis, fig. 1.— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 398 (South America).— Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 17, (west coast of South America); N.º 7, 1879, p. 45 (coast of Chile).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 299 (Puerto Montt); Suppl. Band 6, 1903, p. 206 (Coquimbo).— Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 60 (Chile); Cat. Peces de Chile, 1901, p. 57 (Valparaíso; Talcahuano; Puerto Montt; Punta Arenas; Magellan Strait).— Lönnberg, Erg. Hamburg, Magalh. Sammelr., vol. 1, Fische, 1907, p. 8 (Punta Arenas).— Gotschlich, Bol. Mus. Naé. Chile, vol. 6, N.º 1, 1913, p. 204 (reference).— Pozzi and Bordale, Anal. Soc. Cient.

Argentina, vol. 120, 1935, p. 164 (lat. 35° to 52° S.).— Norman, Discovery Rep., vol. 16, 1937, p. 118, fig. 65 (Patagonia, Falklands, Juan Fernández, Tierra del Fuego, Bahía de Coronel, Chile).

Chile (Bahía de Coronel, Chiloé, Coquimbo, Juan Fernández, Magellan Strait, Punta Arenas, Puerto Montt, Talcahuano, Tierra del Fuego, Valparaíso). Also the Falklands, Argentina and Brazil.

Family CENTROLOPHIDAE
Rudder Fishes

PALINURICHTHYS CAERULEUS (Guichenot)
Pampanito



Palinurichthys caeruleus (Guichenot. From Norman, 1937)

Seriolella caerulea Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 242 (type locality, Isla de Juan Fernández).— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 468 (reference).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).

Seriolella coerulea Delfin, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 58 (reference); Cat. Peces de Chile, 1901, p. 53 (reference).— Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 58 (reference).

Palinurichthys caeruleus Norman, Discovery Rep., vol. 16, 1937, p. 116, fig. 63 (Patagonia, Falklands, Juan Fernández).

Chile (Juan Fernández). Also Patagonia and the Falklands.

MUPUS PERUANUS (Steindachner)

Centrolophus peruanus Steindachner, Sitzs. Akad. Wiss. Wien, vol. 70, pt. 1, 1874, p. 384 (type locality, Callao,

Perú,); Zool. Jahrb., Suppl. Band 4, 1898, p. 299 (Cavancha Bay, Iquique).

Leirus peruanus Delfin, Cat. Peces. de Chile, 1901, p. 58, (compiled).

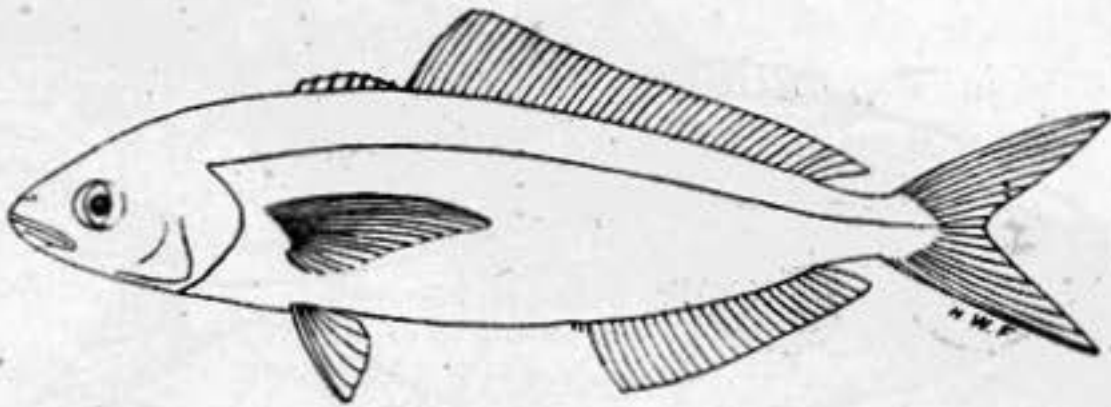
Lirus peruanus Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 385 (reference).

Chile (Iquique). Also Perú.

Family NOMEIDAE

Portuguese Man of war Fishes

SERIOLELLA POROSA Guichenot
Lacarh, Lassarh (Fuegian), Cojinova
Casinova, Hachito, Cagavino



Seriolella porosa Guichenot. From Guichenot, 1854

Seriolella porosa Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 239 (type locality, Valparaíso); atlas, 1854, pl. 7, fig. 2.— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 467 (copied).— Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c 6) c 29 (Orange Bay).— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 114 (reference). Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 3-4, 1899, p. 62 (reference); Cat. Peces de Chile, 1901, p. 52 (Concepción Bay).— Regan, Ann. Mag. Nat. Hist. London, ser. 7, vol. 10, 1902, p. 128, fig. 62 (Patagonia; Chile).— Dollo, Voy. Belgique, Poiss., 1904, p. 84 (reference).— Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 58 (reference).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 7 (Chile).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 204 (reference).— Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 164 (lat. 52° to 55° S.). Chile (Bahía de Concepción, Orange Bay, Valparaíso). Also Patagonia, Lieutenant W. Stephen Thomas, lists as common at Antofagasta from July to December 1944, scarce in 1943.

SERIOLELLA VIOLACEA Guichenot
Hachita

Seriolella violacea Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 241 (type locality, Valparaíso); atlas, 1854, pl. 7, fig. 1.—Günther, Cat. Fish. Brit Mus., vol. 2, 1860, p. 468 (copied).—Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 62 (reference); Cat. Peces de Chile, 1901, p. 53 (reference).—Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 58 (reference).—Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 278 (Valparaíso)—Norman, Discovery Rep., vol. 16, 1937, p. 116 (reference).

Chile (Valparaíso).

Y have been unable to allocate the following reference to a species referred to *Seriolella*:

Seriolella pertusa Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 62 (type locality, Puerto de Corral).

Family CARANGIDAE
Crevalles

SERIOLO PERUANA Steindachner

Seriola peruana Steindachner, Sitzs. Akad. Wiss. Wien. vol. 83, pt. 1, 1881, p. 405, pl., fig. 1 (type locality, Callao, Perú); Zool. Jahrb., Suppl. Band 6, 1903, p. 206 (Juan Fernández).—Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg. Zool., vol. 3, pt. 1, 1921, p. 50 (reference).

Chile (Juan Fernández).

SERIOLO DORSALIS (Gill)

Halatractus dorsalis Gill, Proc. Acad. Nat. Sci. Phila, 1863, p. 84 (type locality, Cape San, Lucas, Lower California).

Seriola lalandei (not Valenciennes). Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119 (Antofagasta).

♂ *Seriola foncki* Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 59 (reference).

Chile (Antofagasta). Also Panamá and western Mexico.

TRACHURUS TRACHURUS (Linnaeus)

Jurel, Furel

Scomber trachurus Linnaeus, Syst. Nat., ed. 10, pt. 1, 1758, p. 298 (type locality, Mediterranean Sea).

- Caranx trachurus* Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 233 (costas de Chile).
- Caranx (Trachurus) trachurus* Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1907, p. 287 (reference).
- Trachurus trachurus* Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 9 (Chile); N.º 4, 1869, p. 17 (Chile); N.º 7, 1879, p. 45 (Chile).—Günther, Rep. Voy. Challenger vol. 1, pt. 6, 1880, p. 24 (Valparaíso); Proc. Zool. Soc. London, 1881, p. 20 (Francisco Bay).—Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 114 (reference).—Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 3-4, 1899, p. 61 (Valparaíso); vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción); Cat. Peces de Chile, 1901, p. 53 (Chile).—Pellegrin, Bull. Soc. Zool. France, vol., 29, 1904, p. 149 (Antofagasta).—Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 198 (Valdivia).—Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference). Chile (Antofagasta, Bahía de Concepción, Francisco Bay, Valdivia, Valparaíso). Also widely distributed in the warmer Atlantic and the Mediterranean. Lieutenant Thomas reports a jurel or scad? from Antofagasta, likely the present species.

TRACHURUS SYMMETRICUS (Ayres)

- Caranx symmetricus* Ayres, Proc. California Acad. Sci., vol. 1, 1855, p. 62 (type locality, San Francisco Bay, California).
- Trachurus symmetricus* Fowler, Proc. Acad. Nat. Sci. Phila., 1926, p. 278 (Valparaíso).
- Trachurus picturatus* (not Bowdich) Delfin, Cat. Peces de Chile, 1901, p. 54 (Valparaíso).—Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 206 (Coquimbo).—Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 41 (Chile).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916 (p. (456) 466 (west coast of South America).—Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso).
- Caranx (Trachurus) cuvieri* (not Lowe) Steindachner, Sitzs. Akad. Wiss. Wien, vol. 71, pt. 1, 1875, p. 458 (Juan Fernández).
Chile (Coquimbo, Juan Fernández, Valparaíso). Also California.

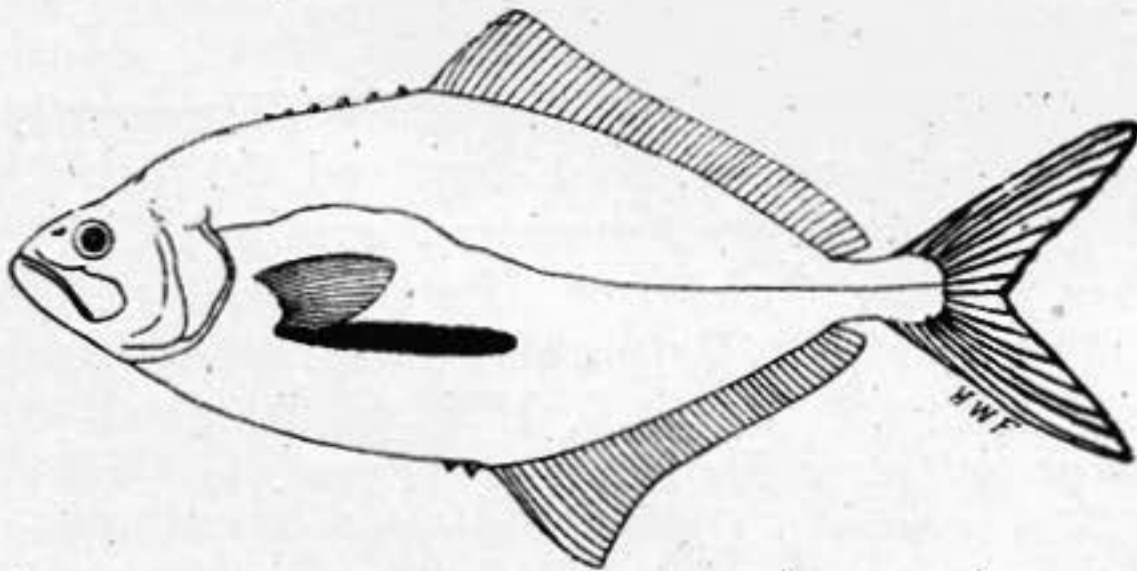
CARANX GEORGIANUS Valenciennes
Palometa

Caranx georgianus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833 (March), p. (64) 85 (type locality, King George's Sound, Western Australia).—Güntner, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (Juan Fernández).—Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 114 (reference).—Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 299 (Juan Fernández).—Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921 (p. 50) 57 (Juan Fernández).

Caranx chilensis Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 235 (type locality, isla de Juan Fernández); atlas, 1854, pl. 6, fig. 2.—Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 439 (copied).—Steindachner, Sitzs. Akad. Wiss. Wien, vol. 71, pt. 1, 1875, p. 459, (Juan Fernández).—Delfin, Rev. Chil. Hist. Nat., vol. 3 N.os 3-4, 1899, p. 62 (Isla Más a Fuera).—Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 41, pl. 7 (Chile).—Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 766 (Chile).

Chile (Isla Más a Fuera, Juan Fernández). Also widely distributed in the Pacific, to Australia, Tasmania, New Zealand, Papua, Lord Howe Island, Norfolk Island and the Kermadecs.

PARONA SIGNATA (Jenyns)



Parona signata (Jenyns) Argentina.

Paropsis signatus Jenyns, Zool. Voy. Beagle, Fish, pt. 4, 1842, p. 66, pl. 13 (type locality, Northern coast of Patagonia).—Perugia, Ann. Mus. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 614 (Bacino del Río Santa Cruz).

Parona signata Fowler, Proc. Acad. Nat. Sci. Phila, 1927,

p. 268 (Buenos Aires, Argentina).— Norman, Discovery Rep., vol. 16, 1937, p. 59, fig. 26 (Patagonia; Falklands).

Chile (Bacino del Río Santa Cruz). Also the Falklands, Patagonia, Argentina and Brazil.

A young carangid but 25 mm. long I found in the U. S. Exploring Expedition collection, labeled as from Valparaíso, which I reported as *Trachinotus paloma* Jordan and Starks. (Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 768) is very likely with wrong locality. It appears evidently more likely to be the young of *Trachinotus carolinus* (Linnaeus), of which small specimens are also in the same collection from Río de Janeiro.

The following imperfectly described and unfigured carangid I am unable to correctly assign generically:

LICHIA ALBACORA Guichenot

Albacora

Lichia albacora Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 231 (type locality, Valparaíso).— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 479 (copied).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 5, 1899, p. 79 (reference); vol. 3, N.º 12, 1899, p. 177 (Bahía de Concepción); Cat. Peces de Chile, 1901, p. 56 (Iquique).— Porter, Revista Chil. Hist. Nat., vol. 13, Nos 4-5, 1909, p. 289 (reference).

Chile (Bahía de Concepción, Iquique, Valparaíso).

Family POMATOMIDAE

Blue Fishes

POMATOMUS SALTATRIX (Linnaeus)

Perca saltatrix Linnaeus, Syst. Nat., ed. 10, pt. 1, 1758, p. 293 (type locality, America=Carolina).

Temnodon saltator Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 244 (Valparaíso).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.º 5, 1899, p. 80 (Valparaíso).

Pomatomus saltatrix Delfin, Cat. Peces de Chile, 1901, p. 55 (Valparaíso). Chile (Valparaíso). Widely distributed in most tropical seas.

Family RACHYCENTRIDAE

Sergeant Fishes

RACHYCENTRON CANADUM (Linnaeus)

Gasterosteus canadus Linnaeus, Syst. Nat., ed. 12, pt. 1, 1766, p. 491 (type locality, Carolina).

Elacte chilensis Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 3-4, 1899, p. 59 (Isla Más a Fuera; Iquique) (error).

Elacate chilensis Quijada, Bol. Mus. Nac. Chil., vol. 5, N.º 1, 1913, p. 41 (Chile):

Chile (Iquique, Isla Más a Fuera). Widely distributed in tropical seas.

Group PERCOIDEA
Perchlike Fishes

Family SERRANIDAE
Sea Bass

PERCICHTHYS TRUCHA (Valenciennes)
Trucha

Perca trucha Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (317) 429 (type locality, Río Negro, Chile).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 146 (Chile); atlas, 1854, pl. 1 bis, fig. 1.

Percichthys trucha Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 61 (compiled).— Schmeltz, Cat. Mus. Godeffroy, N.º 8, 1881, p. 5 (Chile).— Pöhl, Cat. Mus. Godeffroy, N.º 9, 1884, p. 25 (Chile).— Vaillant, Miss. Sci. Cap Horn, vol. 6, Poiss., 1888, p. c 6 (name only).— Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 427 (Santiago and Curicó, Chile).— Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 119 (Chile, Argentina, Patagonia).— Steindachner, Ann. Hofmus. Wien, vol. 11, 1896, p. 232 (Río Maule, Chile); Zool. Jahrb., Suppl. Band 4, 1898, p. 281 (Pichi Laguna, tributary Llanquihue Lake at Puerto Montt, Chile).— Delfin, Revista Chil. Hist. Nat., vol. 2 Nos 10-11, 1898, p. 146 (compiled); Cat. Peces de Chile, 1901, p. 58 (Chile).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 2 (Paine).— Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 197 (Lago Llanquihue y Pichi laguna).— Fowler, Copeia, N.º 37, Aug. 24, 1916, p. 64 (Valparaíso).— Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 61, pl. 13, fig. 4 (radiograph), pl. 16, fig. 3 (Chili localities).— Fowler, Proc. Acad. Nat. Sci. Phila., 1926, p. 279 (Valparaíso); 1940, p. 185 (El Vergel).

Perca laevis Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. 1, pl. 1, (type locality, Santa Cruz River, Patagonia).

Percichthys laevis Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 61 (copied). — Kner, Sitzs. Akad. Wiss. Wien, vol. 49, pt. 1, 1864, p. 482 (reference); Reise Novara, Zool., 1865, p. 11 (Valparaíso). — Vaillant, Miss Sci. Cap Horn, vol. 6, Poiss., 1888, p. (c 6) c 31 (Santa Cruz). — Jordan and Eigenmann, Bull. U. S. Fish Com., vol. 8, 1888 (1890), p. 428 (compiled). — Perugia, Ann. Muss. Civ. Stor. Nat. Génova, vol. 30, 1891, p. 609 (Tierra del Fuego; Laguna del Río Negro; Río Santa Cruz).

Percichthys chilensis Girard, Proc Acad. Nat. Sci. Phila., 1854, p. 197 (type locality, fresh waters of Chile); U. S. Naval Astronom. Exped. South. Hemisphere, 1855, p. 231, pl. 29, figs. 1-4 (Río Maipo). — Philippi, Monatsber. Akad. Wiss. Berlín, 1866, p. 707.

Chile (Coigüe, Collipeumo, Curicó, El Vergel*, Ensenada, Lago Riñihue, Lautaro, Llo-Lleo, Osorno, Peulla, Paine, Puerto Montt, Puerto Varas, Punta Arenas, Río Maule, Río Maipo, Río Negro, Río Nonquén, Río Pescado, Santiago, San Javier, Valdivia, Valparaíso*). Also Tierra del Fuego. Patagonia and Argentina.

PERCICHTHYS MELANOPS Girard

Percichthys melanops Girard, Proc. Acad. Nat. Sci. Phila. 1854, p. 197 (type locality, Río Maipo); U. S. Naval Astronom. Exped. South Hemisphere, 1855, p. 233, pl. 30, figs. 1-5 (types). — Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 61 (compiled). — Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 428 (compiled). — Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 120 (Santiago). — Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 147 (reference); Cat. Peces de Chile, 1901, p. 59 (Río Maipo; Colina). — Fowler, Proc. Acad. Nat. Sci. Phila., 1907, p. 249 (paratype). — Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 18 (Río Maipo). — Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 62, pl. 13, fig. 3 (radiograph), pl. 16, fig. 2 (Hospital; Estero Nonquén).

Percosoma melanops Gill, Proc. Acad. Nat. Sci. Phila., 1861, p. 51 (reference).

Perca pochá Philippi, Archiv Naturgesch., 1863, p. 210 (type locality, Province of Santiago).

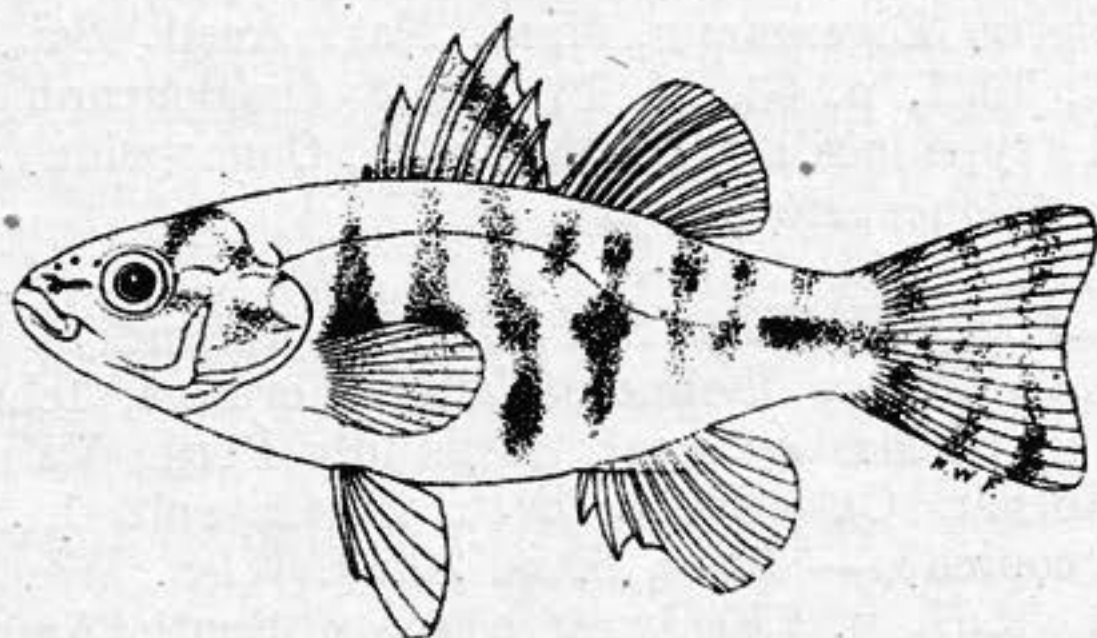
Percichthys pochá Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 428 (Curicó, Chile).

Chile (Colina, Curicó, Estero Nonquén, Hospital, Río Maipo). The following nominal forms evidently belong with *Percichthys* though listed under *Perca* and as Trucha de agua dulce.

Perca concolor Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 146 (type locality, Payar, provincia de Santiago).

Perca pacia Philippi, in Delfin, op. cit. (type locality, Paine).

PERCILIA GILLISSI Girard
Carmelita



Percilia gillissi Girard, Proc. Acad. Nat. Sci. Phila., 1854, p. 197 (type locality, Río Maipo; affluent of that river in the vicinity of Santiago); U. S. Naval Astronom. Exped. South Hemisphere, 1855, p. 236, pl. 29, figs. 5-9 (types).—Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 62, pl. 13, fig. 1 (radiograph) (Peñaflor; Hospital; Osorno; Lago Riñihue; Lautaro; San Javier; Esterito Santa Rosa).

Percilia gillissii Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 255 (copied).—Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 121 (Collipeumo).—Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 21 (Itata).

Percilia gillissii Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 149 (Paine) (error).

Percilia gillissii Fowler, Proc. Acad. Nat. Sci. Phila., 1940, p. 186 (El Vergel and Malleco River at Angol, Chile) (error).

Perca sagethi Philippi, Archiv Naturgesch., 1863, p. 211 (type locality, province of Santiago).

Percilia gracilis Philippi, Monatsber. Akad. Wiss. Berlin, 1866, p. 710 (type locality, waters of the Paine at San-

tiago). — Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 430 (compiled). — Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 149 (reference).

Chile (Angol*, Collipeumo, Hospital, Itata, Lago Riñihue, Lautaro, Osorno, Paine, Peñaflor, Río Maipo, San Javier, Valdivia). Three, 37 to 59 mm. (largest figured) from San Francisco, Provincia de Colchagua, Estero, Chile, October 1935. Received from Sr. Carlos A. Marelli.

PERCILIA IRWINI Eigenmann

Percilia irwini Eigenmann, Mem. Nat. Acad. Sci., vol. 22, N.º 2, 1927, p. 63, pl. 13, fig. 2 (radiograph), pl. 16, fig. 1 (type locality, Río Nonquén, Concepción).

Chile (Concepción).

ACANTHISTIUS PICTUS (Tschudi)

Plectropoma pictum Tschudi, Fauna Peruana, Ichth, 1845, p. 5 (type locality, coast of middle Perú; Valparaíso). — Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 164 (copied). — Kner, Sitzs. Akad. Wiss. Wien, vol. 56, pt. 1, 1867, p. 710 (west coast of South America). — Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 12 (Chile); N.º 5, 1874, p. 22 (Chile). — Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (reference).

Alphestes pictus Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 350 (compiled).

Acanthistius pictus Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 140 (Chile). — Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 282 (Cavancha Bay, Iquique). — Delfin, Cat. Peces de Chile, 1901, p. 60 (compiled); Revista Chil. Hist. Nat., vol. 6, 1903, p. 201, (Iquique). — Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta). — Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 285 (reference). — Fowler, Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 770, fig. 49 (outline) (Valparaíso). Chile (Antofagasta, Iquique, Valparaíso*). Also Perú.

GILBERTIA SEMICINCTA (Valenciennes)

Cabrilla listada, Torito

Plectropoma semicinctum Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (326) 442 (type locality, Juan Fernández). — Guichenot,

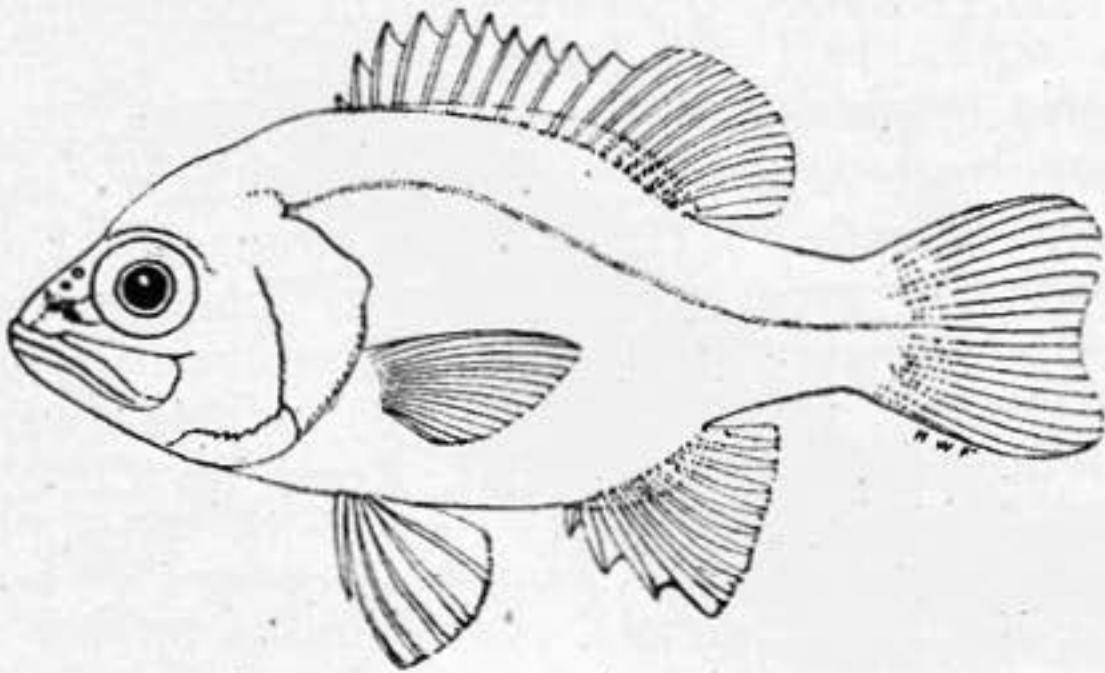
Hist. Chile, Gay, Zool., vol. 2, 1848, p. 153 (Juan Fernández); atlas, 1854, pl. 2, fig. 1.—Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 160 (records only Australian specimens). —Steindachner, Sitzs. Akad. Wiss. Wien, vol. 71, pt. 1, 1875, p. 448 (Juan Fernández). —Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 20 (Juan Fernández).

Plectropoma semicinctum Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (reference) (error).

Gilbertia semicineta Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 347 (Juan Fernández). —Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 307 (Indo-Pacific). —Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 282 (Juan Fernández). —Delfin, Cat. Peces de Chile, 1901, p. 64 (Juan Fernández). —Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 55 (Masatierra).

Chile (Juan Fernández). Also New Zealand and Australia.

HEMILUTJANUS MACROPHTHALMOS (Tschudi)



Hemilutjanus macrophthalmos (Tschudi). From Kner, 1867

Plectropoma macrophthalmos Tschudi, Fauna Peruana, Ichth., 1845, p. 6 (type locality, Lurin, Callao). —Kner, Sitzs. Akad. Wiss. Wien, vol. 56, pt. 1, 1867, p. 711 (west coast of South America). —Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (reference).

Plectropoma macrophthalmus Kner, op. cit., pl. 1, fig. 1. —Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 13 (Chile); N.º 7, 1879, p. 37 (Chile).

Hemilutjanus macrophthalmos Jordan and Eigenmann,

Bull. U. S. Fish. Comm., vol. 8, 1888 (1890), p. 345 (Caldera, Chile):

Pomodon macrophthalmus Boulenger, Cat. Fish. Brit. Mus. vol. 1, 1895, p. 144 (Chile).—Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 281 (Cavanha Bay, Iquique).—Porter, Revista Chil. Hist. Nat., vol. 13, N.º 3, 1909, p. 59 (reference); vol. 13, N.os 4-5, 1909, p. 285 (reference).

Pomodon macrophthalmus Delfin, Cat. Peces de Chile, 1901, p. 60 (compiled).
Chile (Caldera, Iquique). Also Perú.

ALPHESTES AFER (Bloch)

Epinephelus afer Bloch, Naturges. Ausland. Fische, vol. 7, 1793, p. 12, pl. 327, (type locality, "Guinea").—Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 254 (Falklands).—Pozzi and Bordale, Anal. Soc. Cient. Argentina, vol. 120, 1935, p. 166 (lat. 35° to 52° S.). Falkland Islands. Atlantic northward to the West Indies.

POLYPRION OXYGENEIOS (Schneider)

Bacalao

Epinephelus oxygeneios Schneider, Syst. Ichth. Bloch, 1801, p. 301 (type locality, "oceanum pacificum insulae Reginae Charlottae") (from *Perca prognatha* Forster, op. cit., p. 301, type locality, Queen Charlotte Sound).

Polyprion oxygeneios Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 344 (compiled).

Polyprion oxigeneios Delfin, Cat. Peces de Chile 1901, p. 61 (San Ambrosio Island; San Felice Island).—Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 21 (Juan Fernández).

Perca fernandeziana Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 369 (type locality, isla de Juan Fernández).

Polyprion kneri Steindachner, Sitzs. Akad. Wiss. Wien, vol. 71, pt. 1, 1875, p. 445 (type locality, St. Paul's Island; Juan Fernández).—Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (Juan Fernández).—Porter, Revista Chil. Hist. Nat., vol. 7, 1903, p. 194 (copied).

Polyprion prognatus Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (Juan Fernández) (error).

Polyprion prognathus Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 150 (Juan Fernández)—Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 202 (Juan Fernández).

— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).

Polypron prognatus Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (Juan Fernández (error). Chile (Juan Fernández, San Ambrosio Island, San Felix Island). Also in New Zealand, Tasmania and South Africa.

PARALABRAX HUMERALIS (Valenciennes)
Cabrilla

Serranus humeralis Valenciennes, in Cuvier and Valenciennes. Hist. Nat. Poiss., vol. 2, 1828, p. (183) 248 (type locality, Chile coast).— Lesson, Voy. Coquille, Zool., vol. 2, pt. 1, 1830, p. 236 (Chile).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 149 (costas de Chile).—Günther, Cat. Fish. Brit Mus., vol. 1, 1859, p. 104 (copied).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 57, pt. 1, 1868, p. 967 (Chile).— Kner, Sitzs. Akad. Wiss. Wien, vol. 58, pt. 1, 1869, p. 296 (Perú).— Schmeltz. Cat. Mus. Godeffroy, N.º 5, 1874, p. 22 (Chile).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 78, pt. 1, 1878, p. 400 (*Percichthys godeffroyi* Günther a synonym).— Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 278 (type of *Percichthys godeffroyi* Günther; Chile).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 147 (reference); Cat. Peces de Chile, 1901, p. 63 (compiled).— Lönnberg, Erg. Hamburg. Magalh. Sammelr., vol. 1, Fische, 1907, p. 7 (Smvth Channel; Punta Arenas).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 286 (reference).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 20 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).

Paralabrax humeralis Jordan and Eigenmann, Bull. U. S. Fish. Comm., vol. 8, 1888 (1890), p. 389 (Callao, Perú).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 279 (Valparaíso).

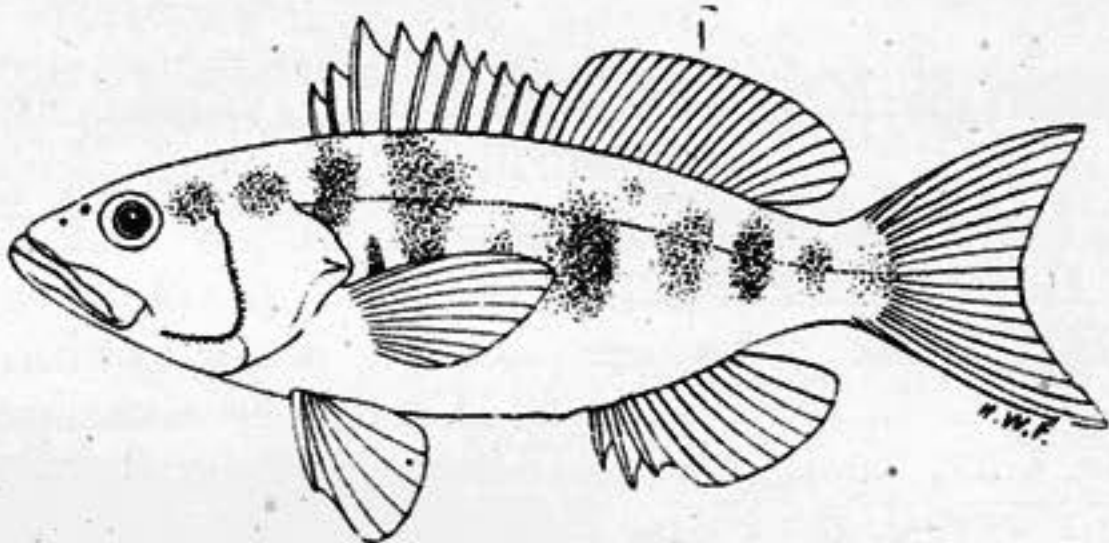
Percichthys godeffroyi Günther, Journ. Mus. Godeffroy, vol. 1, pt. 2, 1873, p. 97 (type locality, Iquique).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 78, pt. 1, 1878, p. 400 (Iquique).

Serranus albomaculatus Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 21 (Iquique).

Paralabrax nebuliferus (not Girard) Pöhl, Cat. Mus. Godefroy, N.º 9, 1884, p. 26 (Chile).

Chile (Iquique, Juan Fernández, Punta Arenas, Smyth Channel, Valparaíso). Also in Panamá and Perú.

PARALABRAX SEMIFASCIATUS (Guichenot)



Paralabrax semifasciatus (Guichenot). From Guichenot, 1854

Serranus semifasciatus Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 151 (type locality, los mares de Chile); atlas, 1854, pl. 1 bis, fig. 2.— Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (reference).

Serranus humeralis (not Valenciennes) Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 278 (part).

Paralabrax humeralis J. F. Abbott, Proc. Acad. Nat. Sci. Phila., 1899, p. 348 (part).— Delfin, Cat. Peces de Chile, 1901, p. 63 (part).— Evermann and Radcliffe, Bull. U. S. Nat. Mus., N.º 95, 1917, p. 73 (part).

Known only from Chile, but without definite locality. It may be retained as Guichenot's figure shows D. X, 19 and the A. III, 10, fin counts considerably more than in *Paralabrax humeralis*, with which it has been identified. In the last the D. X, 13 or 14 and A. III, 7.

DIPLECTRUM CONCEPTIONE (Valenciennes)

Serranus conceptionis Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 2, 1828, p. (183) 246 (type locality, Concepción, Chile).

—Lesson, Voy. Coquille, Zool., vol. 2, 1830, p. 236.

—Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 148 (provincia de la Concepción).— Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 296 (no locality).— Delfin, Cat. Peces de Chile, 1901, p. 63 (compiled).—

Porter, *Revista Chil. Hist. Nat.*, vol. 13, Nos 4-5, 1909, p. 285 (reference).

Centropristis conceptionis Günther, *Cat. Fish. Mus.*, vol. 1, 1859, p. 84 (no locality).— Delfin, *Revista Chil. Hist. Nat.*, vol. 2, Nos 10-11, 1898, p. 147 (reference).

Centropristes conceptionis Delfin, *op. cit.*, vol. 3, N.º 12, 1899, p. 179 (Bahía de Concepción).

Pristipoma conceptionis Schmeltz, *Cat. Mus. Godeffroy*, N.º 4, 1869, p. 13 (Chile).— Steindachner, *Sitzs. Akad. Wiss. Wien*, vol. 71, pt. 1, 1875, p. 448 (Lota, Chile; Juan Fernández; Valparaíso; Caldera).

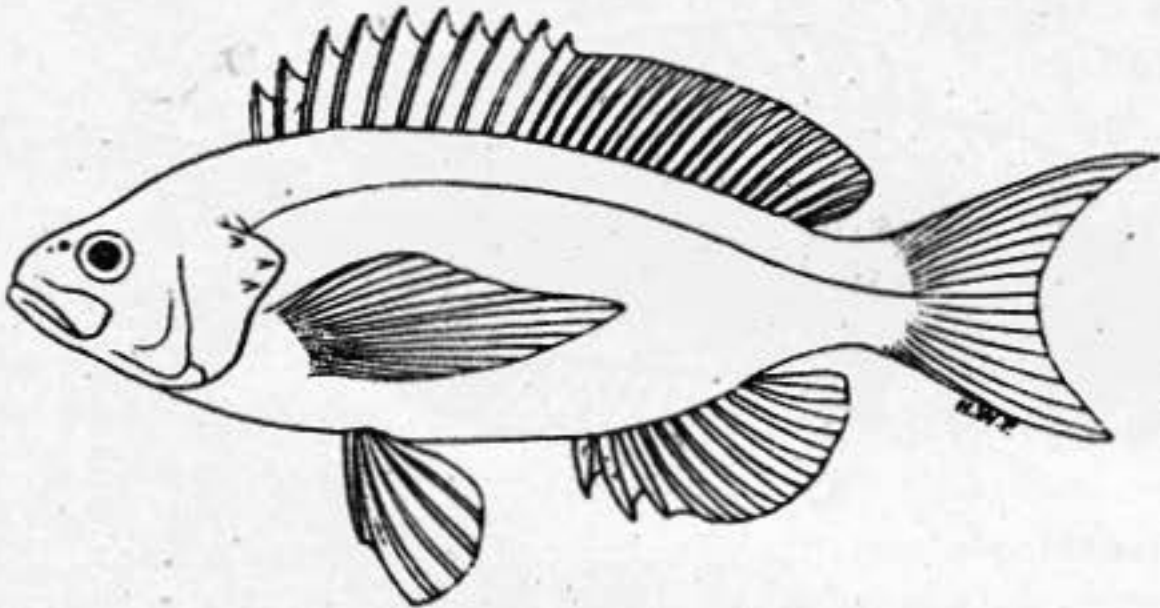
Diplectrum conceptione Jordan and Eigenmann, *Bull. U. S. Fish Comm.*, vol. 8, 1888 (1890), p. 399 (compiled).

Chile (Concepción, Juan Fernández, Valparaíso). Also in Perú.

The following nominal reference may refer to the preceding:

Centropristis carinatus Philippi, in Delfin, *Revista Chil. Hist. Nat.*, vol. 2, Nos 10-11, 1890, p. 147 (Isla de Juan Fernández) (no description).

CAPRODON LONGIMANUS (Günther)



Caprodon longimanus (Günther). From Boulenger, 1895

Anthias longimanus Günther, *Cat. Fish. Brit. Mus.*, vol. 1, 1859, p. 94 (type locality, no locality given).— Quijada, *Bol. Mus. Nac. Chile*, vol. 5, N.º 1, 1913, p. 20 (Juan Fernández).

Pseudanthias longimanus Gill, *Mem. Nat. Acad. Sci.*, vol. 6, 1894, p. 116 (reference).

Caprodon longimanus Boulenger, *Cat. Fish. Brit. Mus.*,

vol. 1, 1895, p. 315, pl. 12 (Juan Fernández).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 283 (Juan Fernández).— Delfin, Cat. Peces de Chile, 1901, p. 64 (compiled).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).
Chile (Juan Fernández). Also Australia and New Zealand.

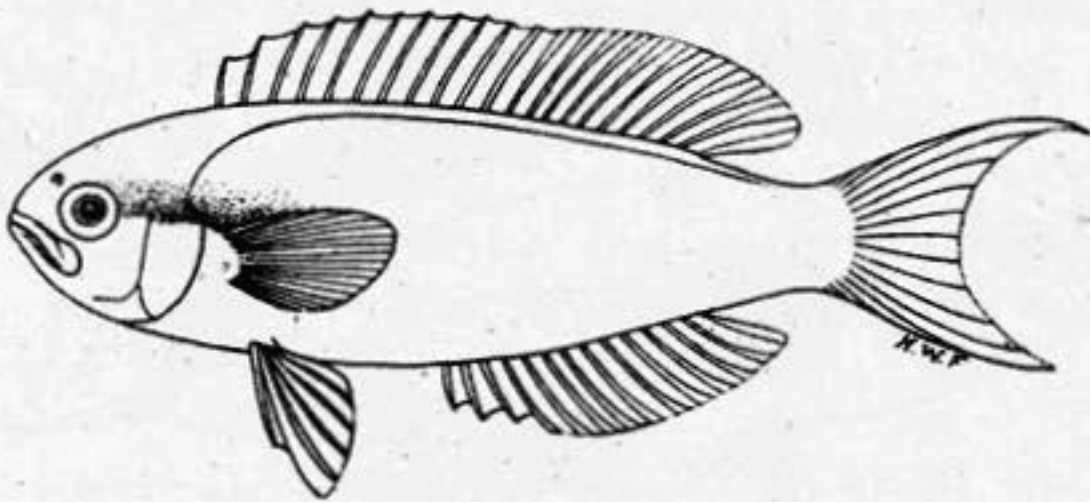
HEMIANTHIAS PERUANUS (Steindachner)

Anthias (Hemianthias) peruanus Steindachner, Sitzs. Akad. Wiss. Wien, vol. 70, pt. 1, 1874, p. 378 (type locality, Payta; Trujillo, Perú).

Anthias peruanus Boulenger, Cat. Fish. Brit. Mus., vol. 1, 1895, p. 322 (compiled).— Delfin, Cat. Peces de Chile, 1901, p. 65 (compiled).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 286 (reference).

Pronotogrammus peruanus Jordan and Eigenmann, Bull. U. S. Fish Comm., vol. 8, 1888 (1890), p. 413 (Chile). Chile. Also in Perú.

CALLANTHIAS PLATEI Steindachner



Callanthias platei Steindachner. From Steindachner, 1898

Callanthias platei Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 284, pl. 15 (type locality, Juan Fernández).— Delfin, Cat. Peces de Chile, 1901, p. 66 (compiled).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 20 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 55 (Masatierra).
Chile (Juan Fernández).

The abundant Indo-Pacific *Epinephelus merra* Bloch

was early reported from Chilean waters, likely with wrong locality:

Serranus hexagonatus Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 150 (Valparaíso).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 148 (reference).

Family POMADASYIDAE
Grunts

POMADASYYS BIPUNCTATUS Kner

Pomadasys bipunctatus Kner, in Steindachner, Zool., Jahrz. Suppl. Band 4, 1898, p. 286 (type locality, Iquique).— Delfin, Cat. Peces de Chile, 1901, p. 66 (compiled). Chile (Iquique).

ISACIA CONCEPTIONIS (Cuvier)

Corvina, Gabinza, Cabinza

Pristipoma conceptionis Cuvier, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 5, 1830, p. (200) 268 (type locality, Concepción, Chile).

—Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (359) 446 (note).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 195 (costa de Chile); atlas, 1854, pl. 4, fig. 2.— Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 300 (copied).— Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 13 (Chile); N.º 5, 1874, p. 23 (Iquique); N.º 7, 1879, p. 39 (Iquique).— Pöhl, Cat. Mus. Godeffroy, N.º 9, 1884, p. 27 (Iquique).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 149 (reference); vol. 3, N.º 2, 1899, p. 176 (Bahía de Concepción).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 22 (Santiago).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).

Pristipoma conceptionis Lesson, Voy. Coquille, Zool., vol. 2, pt. 1, 1830, p. 200 (coast of Chile, province of Concepción).

Isacia conceptionis Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 501 (Caldera and Paraca, Chile).— J. F. Abbott, Proc. Acad. Nat. Sci. Phila., 1899, p. 475 (Valparaíso).— Delfin, Cat.

Peces de Chile, 1901, p. 66 (compiled).— Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 205 (Coquimbo).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta).— Porter, Revista Chil. Hist. Nat. vol. 13, N.os 4-5, 1909, p. 287 (reference).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 279 (Valparaíso); Proc. Amer. Philos. Soc., vol. 82, N.o 5, 1940, p. 772, fig. 54 (outline) (Valparaíso, Chile). Chile, (Antofagasta, Caldera, Concepción, Coquimbo, Iquique, Paraca, Santiago, Valparaíso). Also in Perú. Listed at Antofagasta by Lieutenant Thomas in 1944.

CILUS MONTII Delfin
Corvina

Cilus montii Delfin, Acta Soc. Sci. Chile, vol. 10, 1900, p. 56, fig. (type locality, Talcahuano, San Vicente, Concepción, Chile); Cat. Peces de Chile, 1901, p. 67 (Chiloé).—Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 22 (Iquique).

Cilus montii Gotschlich, Bol. Mus. Nac. Chile, vol. 6, N.o 1, 1913, p. 197 (Valdivia).
Chile (Chiloé, Concepción, Iquique, Talcahuano, San Vicente). Listed by Lieutenant Thomas at Antofagasta in 1944.

ANISOTREMUS SCAPULARIS (Tschudi)
Sargo, Bream

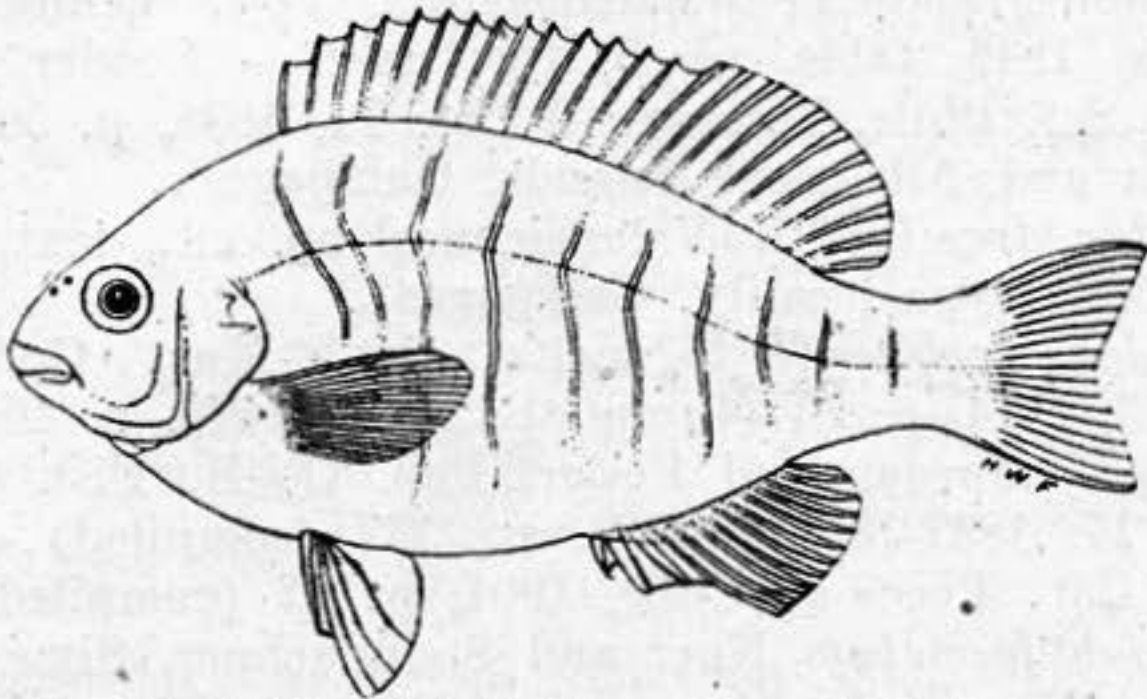
Pristipomus scapulare Tschudi, Fauna Peruana, Ichth., 1844, p. 12 (type locality, Huacho, Perú).

Anisotremus scapularis Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 485 (Callao).— Pellegrin, Bull. Soc. Zool. France., vol. 29, 1904, p. 120 (Antofagasta).

Diagrama melanospilum Kner, Sitzs. Akad. Wiss. Wien, vol. 56, 1867, p. 712 (type locality, west coast of South America).— Schmeltz, Cat. Mus. Godeffroy, N.o 5, 1874, p. 23 (Iquique); N.º 7, 1879, p. 39 (Iquique). Chile (Antofagasta, Iquique). Also Perú. Listed at Antofagasta by Lieutenant Thomas in 1944.

Family GIRELLIDAE
Girelles

GIRELLA ALBOSTRIATA Steindachner
Jerguilla



Girella albostriata Steindachner. From Steindachner, 1898

Girella albostriata Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 287, pl. 16 (type locality, Juan Fernández).— Delfin, Cat. Peces de Chile, 1901, p. 68 (compiled).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 29 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (56) Juan Fernández).

Chile (Juan Fernández).

GIRELLA FILICIANA Clark

Girella felicianana Clark, Proc. Cal. Acad. Sci., ser. 4, vol. 22, N.º 7, Sept. 1, 1938, p. 180 (type locality, San Félix Island, off Chile).

Chile (San Félix Island).

DOIDYXODON LAEVIFRONS (Tschudi)

Pimelepterus laevifrons Tschudi, Fauna Peruana, Ichth., 1844, p. 18 (type locality, Huacho, Perú).

Doydixodon laevifrons Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 532 (copied Tschudi).— Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 289 (Cavancha Bay, Iquique); Denks. Akad. Wiss. Wien, vol. 72, 1902, p. 117 (Antofagasta, northern Chile).— Delfin, Cat. Peces de Chile, 1901, p. 67 (compiled).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta).— Porter, Revis-

ta Chil. Hist. Nat., vol. 13, N.os 4-5, 1909, p. 287 (reference).

Chile (Antofagasta, Iquique). Also in Perú

DOIDYXODON FREMINVILLII Valenciennes

Doidyxodon freminvillii Valenciennes, Voy. Vénus, Zool. atlas, 1846, table, pl. 5, fig. 1a-c.— Fowler, Acad. Nat. Sci. Phila. Monogr., 2 Oct. 14, 1938, p. 50 (Chatham and Albemarle Islands, Galápagos).

Doydixodon freminvillii Valenciennes, op. cit., text, 1855, p. 323 (type locality, Galápagos).

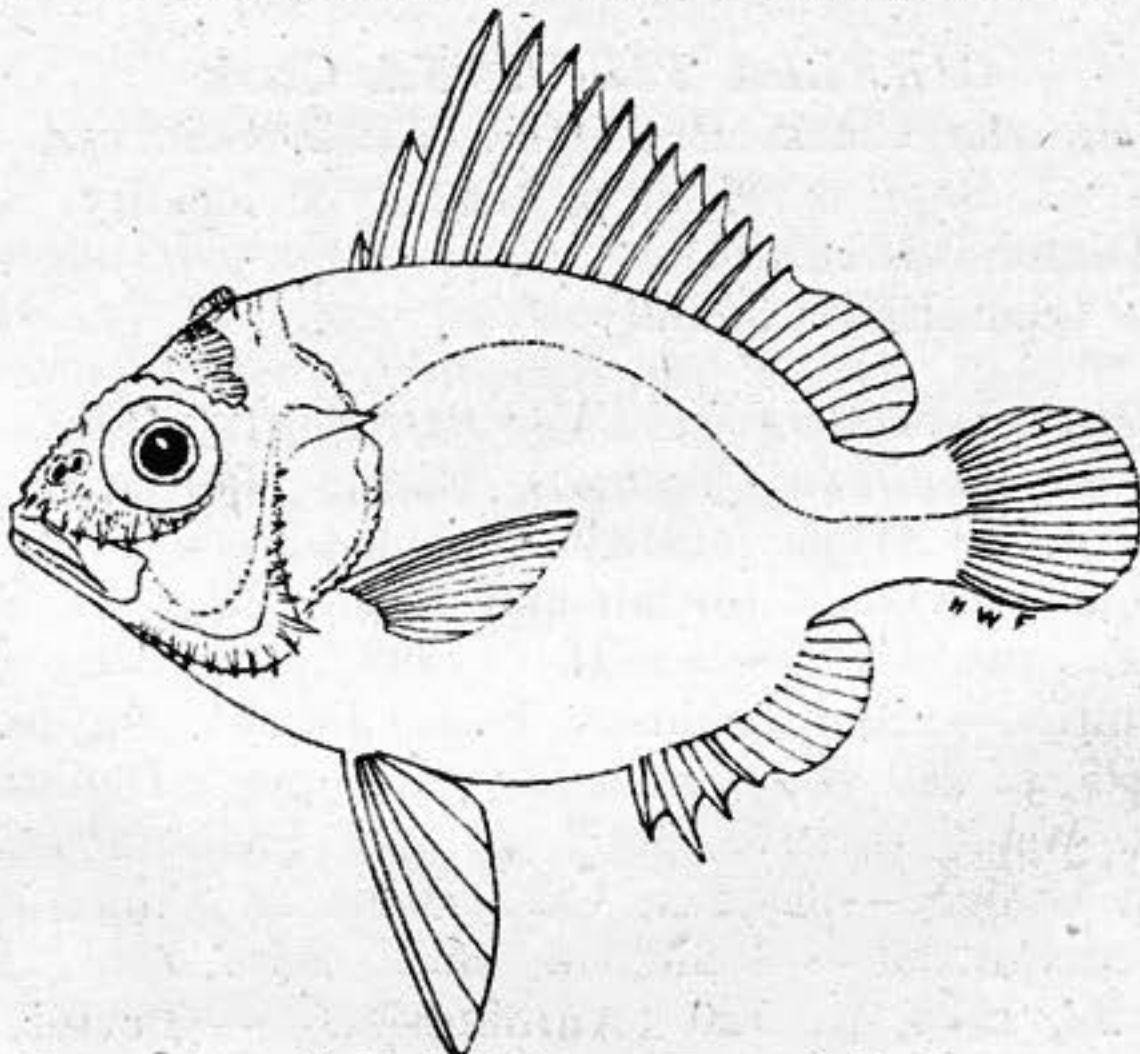
Doydixodon freminvillei Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 23 (Iquique); N.º 7, 1879, p. 40 (Iquique).— Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1887-1891 (1893), p. 532 (compiled).— Delfin, Cat. Peces de Chile, 1901, p. 67 (compiled).

Doydixodon fasciatum Kner and Steindachner, Sitzs. Akad. Wiss Wien, vol. 54, pt. 1, 1866, p. 358, pl. 3 (not 1), fig. 2 (type locality, Iquique). — Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 7 (Chile); N.º 4, 1869, p. 14 (Chile).

Chile (Iquique). Also the Galápagos. *Doidyxodon* is here used as the original spelling in place of the later preferred *Doydixodon*.

Family HISTIOPTERIDAE
Boar Fishes

PENTACEROS KNERII Steindachner

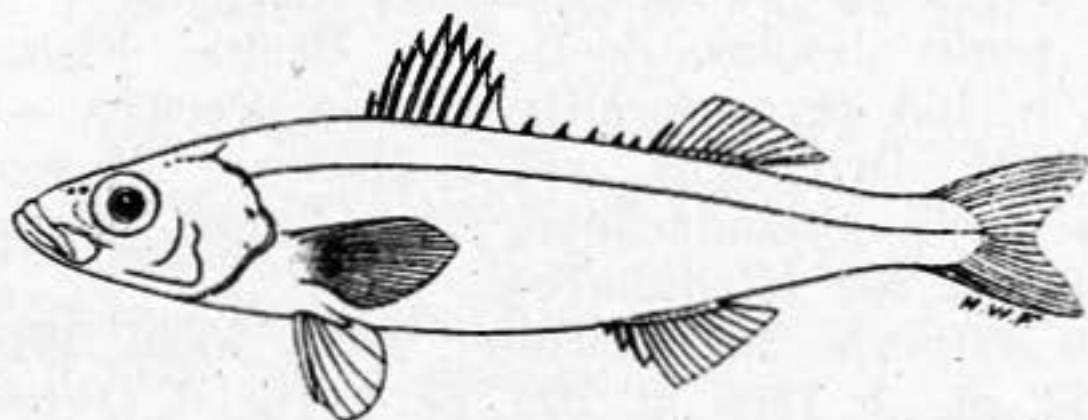


Pentaceros knerii Steindachner. From Steindachner, 1866

Pentaceros Knerii Steindachner, Sitzs. Akad. Wiss. Wien, vol. 53, pt. 1, 1866, p. 208, pl. 1, figs. 1-2 (type locality, Cape Horn).
Cape Horn.

Family EMMELICHTHYIDAE

EMMELICHTHYS CYANESCENS (Guichenot)



Emmelichthys cyanescens (Guichenot). From Guichenot, 1854

Boxaodon cyanescens Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 209 (type locality, Valparaíso); atlas, 1854, pl. 5, fig. 2.

Erythrichthys cyanescens Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 395 (copied).— Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 528 (compiled).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.os 10-11, 1898, p. 150 (reference).

Emmelichthys cyanescens Delfin, Cat. Peces de Chile, 1901, p. 70 (compiled).— Fowler, Bull. U. S. Nat. Mus., N.º 100, vol. 12, 1933, p. 345 (copied Guichenot).
Chile (Valparaíso).

Family OPLEGNATHIDAE

OPLEGNATHUS INSIGNIS (Kner)

Scarostoma insigne Kner, Sitzs. Akad. Wiss. Wien, vol. 56, 1867, p. 7, pl. 2 (type locality, west coast of South America).— Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 15 (Chile).

Hoplegnathus insignis Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 119, fig. (gills) (Antofagasta).

Oplegnathus insignis Fowler, Bull. U. S. Nat. Mus., N.º 100, vol. 12, 1933, p. 222, fig. 11 (young) (Perú).

Hoplegnathus fasciatus (not Schlegel) Schmeltz., Cat. Mus. Godeffroy, N.º 5, 1874, p. 30 (Chile).

Hoplognathus fasciatus Schmeltz, Cat. Mus. Godeffroy,

N.º 5, 1874, p. 30 (Chile); N.º 7, 1879, p. 50 (Chile).
— Pöhl, Cat. Mus. Godeffroy. N.º 9, 1884, p. 29
(Chile).

Chile (Antofagasta). Also in Perú.

Family SCIAENIDAE
Croakers

CYNOSCION ANALIS (Jenyns)

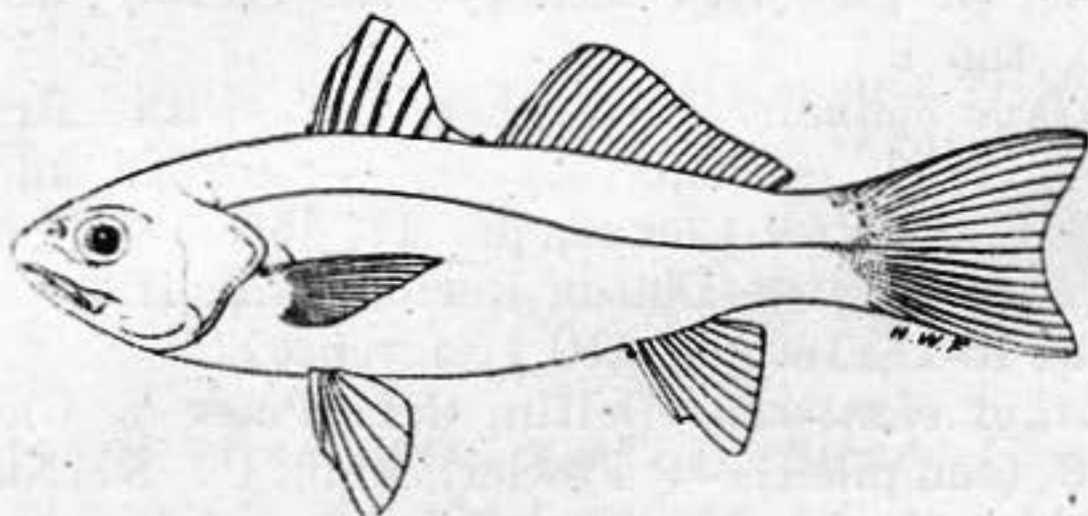
Otolithus analis Jenyns, Zool. Voy. Beagle, Fish., vol. 4,
1842, p. 164 (type locality, Callao, Perú). — Günther,
Cat. Fish. Brit. Mus., vol. 2, 1860, p. 307 (copied).

Isopisthus analis Steindachner, Zool. Jahrb., Suppl. Band
6, 1903, p. 205 (Coquimbo).

Ancylodon altipinnis Steindachner, Sitzs. Akad. Wiss. Wien,
vol. 53, pt. 1, 1866, p. 209, pl. 1, fig. 3 (type locality,
west coast of South America).

Chile (Coquimbo). Also in Perú.

JOHNIUS GILBERTI (J. F. Abbott)



Sciaena gilberti J. F. Abbott, Proc. Acad. Nat. Sci. Phila.,
1899, p. 355 (type locality, Perú=Callao by implica-
tion though locality not expressly designated). — Pe-
llegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120
(Antofagasta). — Thompson, Proc. U. S. Nat. Mus.,
vol. 50, 1916, p. (456) 467 (Lota, Chile; type com-
pared).

Chile (Antofagasta, Lota). Also in Per. Figure
drawn from a specimen 298 mm. long, received from
Mr. D. S. Bullock, of Angol, in 1939. Comparison with
the figure of *Sciaena abbotti* published by Evermann
and Radcliffe in 1917 shows agreement in large measu-
re. In my specimen 16 rows of scales extend obliquely
down over the cheek to the angle at edge of preoper-
cle. Gill rakers 9+13. Scales 43+15? in lateral line;

12 above to spinous dorsal origin, 12 below to spinous anal origin. Back dull olivaceous, paler on sides and lower surfaces white. Opercle gray; Iris whitish, Muzzle and most of head pale brownish. Dorsals nearly gray black terminally, otherwise grayish. Anal whitish, gray terminally. Pectoral gray brown, paler to whitish below, and small dark spot at origin of fin, though dark shade more extensive in axil of fin. Ventral white.

JOHNIUS DELICIOSUS (Tschudi)

- Corvina deliciosa* Tschudi, Fauna Peruana, Ichth., 1844, p. 9 (type locality, coast of middle Perú, Lima).
Sciaena deliciosa Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta).
 Chile (Antofagasta). Also Perú,

JOHNIUS FASCIATUS (Tschudi)

- Cheilotrema fasciatum* Tschudi, Fauna Peruana, Ichth., 1844, p. 13, pl. 1 (type locality, between Callao and Huacho, Perú).
Corvina fasciata Günther, Cat. Fish. Brit. Mus., vol 2, 1860, p. 305 (copied).— Steindachner, Sitzs. Akad. Wiss. Wien, vol. 57, pt. 1, 1868, p. 985 (Chile).— Schmeltz, Cat. Mus. Godeffroy, N.º 7, 1879, p. 44 (Iquique).
Sciaena fasciata Delfin, Cat. Peces de Chile, 1901, p. 69 (compiled).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta).— Porter, Revista Chil. Hist. Nat., vol. 13, N.os 4-5, 1909 p. 286 (reference).— Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso).
Johnius fasciatus Fowler, Proc. Acad. Nat. Sci. Phila., 1926, p. 280 (Valparaíso).
 Chile (Antofagasta, Iquique, Valparaíso*). Also Perú. Several references which I have been unable to allocate with the known forms of *Johnius* are the following:
Corvina albida Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 1-2, 1899, p. 24 (Algarrobo).
Corvina cornuta Philippi, in Delfin, op. cit. (Algarrobo).
Corvina carinata Philippi, in Delfin, of. cit. (Chile).

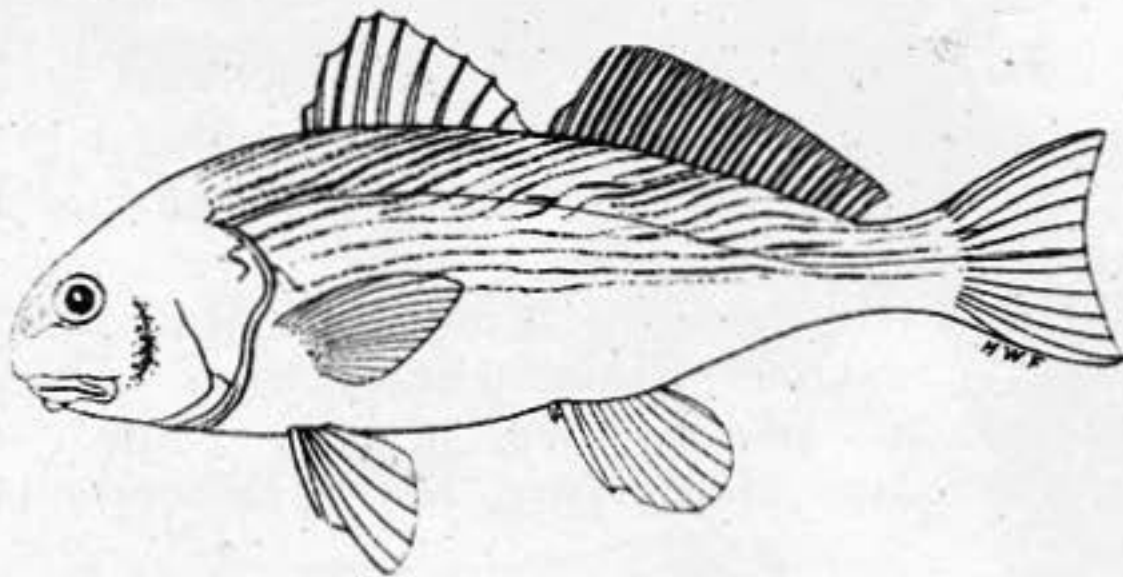
MICROPOGON FURNIERI (Desmarest)

Corvina

- Umbrina furnieri* Desmarest, Prem. decade Ichth., 1823, p. 22, pl. 2, fig. 3 (type locality, Cuba).

- Micropogon furnieri* Delfin, Cat. Peces de Chile, 1901, p. 68 (costa de las provincias centrales de Chile).
- Micropogon lineatus* Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 193 (costa de Concón, cerca de Valparaíso).
- Micropogon undulatus* (not Linnaeus) Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 1-2, 1899, p. 22 (Juan Fernández; Chañaral).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).
- Sciaena peruana* Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 203 (type locality, Coquimbo).
Chile (Chañaral, Concón, Coquimbo, Juan Fernández).
Also in the tropical Atlantic.

SCIAENA REEDI (Günther)



Sciaena reedi (Günther). From Günther, 1880

- Umbrina reedi* Günther, Rep. Voy Challenger, vol. 1, pt. 6, 1880, p. 25, pl. 13, fig. B (type locality, Juan Fernández).— Steindachner Zool. Jahrb., Suppl. Band, 6, 1903, p. 203 (Juan Fernández).— Jordan and Eigenmann, Rep. U. S. Fish Comm., pt. 14, 1886 (1889), p. 422 (compiled).— Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 1-2, 1899, p. 23 (reference); Cat. Peces de Chile, 1901, p. 69 (compiled).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 39 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).
- Chile (Juan Fernández).

SCIAENA IMBERBIS (Günther)

- Umbrina imberbis* Günther, Journ. Mus. Godeffroy, vol. 1, 1874, p. 101 (173) (type locality, Iquique, Chile).— Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 204

(Iquique).— J. F. Abbott, Proc. Acad. Nat. Sci., Phila., 1899, p. 357 (copied).— Delfin, Cat. Peces de Chile, 1901, p. 69 (compiled).

Chile (Iquique).

Several references likely referable to *Sciaena* are the following:

Umbrina fernandeziana Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 1-2, 1899, p. 23 (Juan Fernández).

Umbrina argentata Philippi, in Delfin, op. cit. (Valparaíso)

Scioena argentea Philippi, in Delfin, op. cit., p. 24 (Iquique) (error).

MENTICIRRHUS AGASSIZI Jordan

Menticirrhus agassizi Jordan, in Jordan and Eigenmann, Rep. U. S. Fish Comm., pt. 14, 1886 (1899), p. (425) 429 (type locality, Caldera, Chile).
Chile (Caldera).

CIRRIMENS OPHICEPHALUS (Jenyns)

Pichiguen, Lichiguen

Umbrina ophicephala Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. *45 (type locality, Coquimbo, Chile). — Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 189 (compiled); atlas, 1854, pl. 3 bis, fig. 2.

Umbrina ophicephalus Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 277 (copied).— Cunningham, Trans. Linn. Soc. London, vol. 27 pt. 4, 1871, p. 470 (Herradura Bay, Chile).— Delfin, Revista Chil. Hist. Nat. vol. 3, Nos 1-2, 1899, p. 23 (Chañaral); Cat. Peces de Chile, 1901, p. 69 (Chañaral).— Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 39, pl. 5 (Coquimbo).

Umbrina ophiocephalus Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 17 (reference).

Menticirrhus ophicephalus Jordan and Eigenmann, Rep. U. S. Fish Comm., pt. 14, 1886 (1889), p. 427 (Caldera, Chile).

Menticirrhus ophiocephalus Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 205 (Coquimbo).

Cirrimens ophiocephalus Fowler, Proc. Amer. Philos. Soc., vol. 82, Nos 5, 1940, p. 777, fig. 58 (outline) (Chile?). Chile (Caldera, Chañaral, Coquimbo, Herradura Bay). Lieutenant Thomas lists it at Antofagasta in 1944. The following sciaenoid has been doubtfully identified with *Bodianus stellifer* Bloch = *Stellifer stellifer* (Bloch) by Günther and no doubt erroneously so,

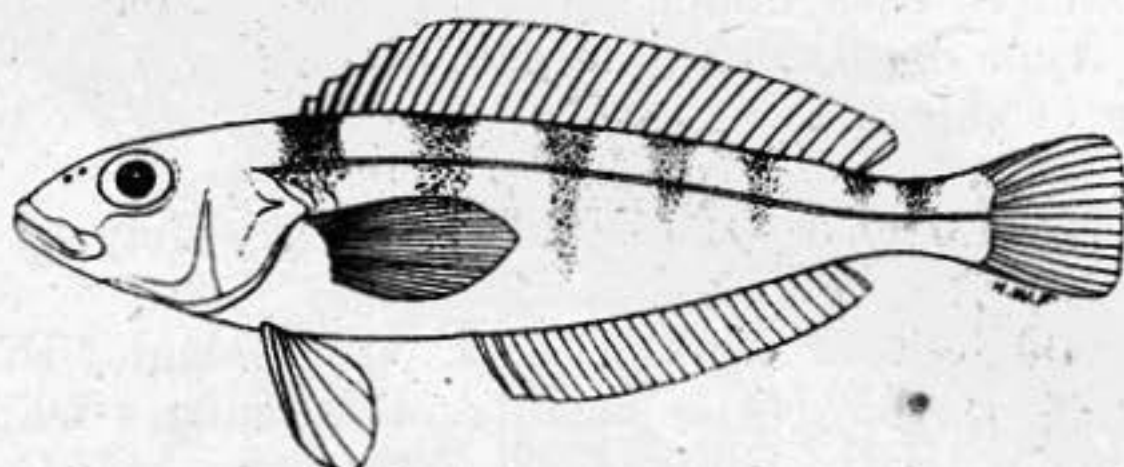
though Guichenot's incomplete and unsatisfactory description renders it at present unidentifiable:

Corvina trispinosa (not Valenciennes) Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 184 (los mares de la isla de Juan Fernández).

Corvina stellifer Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 1-2, 1899, p. 24 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 5 (reference).

Family BRANCHIOSTEGIDAE
Tile Fishes

PROLATILUS JUGULARIS (Valenciennes)
Lenguado, Blanquillo, Cabrilla



Prolatilus jugularis (Valenciennes) Valparaíso.

Latilus jugularis Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (369) 500, pl. 279 (type locality, Valparaíso). — Jenyns, Zool. Voy. Beagle, Fish., pt. 4, 1842, p. 51 (Valparaíso). — Guichenot, Hist. Chile, Gay Zool., vol. 2, 1848, p. 203 (Chile). — Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 253 (Chile). — Kner, Reise Novara, Fische, 1865; p. 130 (Chile). — Schmeltz, Cat. Mus. Godeffroy, N.º 4, 1869, p. 16 (Chile). — Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (Valparaíso). — Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 301 (Robalo River at Puerto Montt, Tumbes, Talcahuano). — Delfin, Revista Chil. Hist. Nat., vol. 3, Nos 1-2, 1899, p. 21 (Valparaíso, Chañaral); Cat. Peces de Chile, 1901, p. 83 (Valparaíso, Talcahuano, Chañaral). — Steindachner, Denks. Akad. Wiss. Wien., vol. 72, 1902, p. 123 (Caldera, northern Chile). — Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta). — Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 36 (San Vicente). — Gotschlich, Bol.

Mus. Nac. Chile, vol. 6, N.º 1, 1913, p. 198 (Valdivia).
—Fowler, Proc. Acad. Sci. Phila., 1926, p. 280 (Valparaíso); Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 793 (Valparaíso).

Prolatilus jugularis J. F. Abbot, Proc. Acad. Nat. Sci. Phila., 1899, p. 475 (Valparaíso).—Thompson, Proc. U. S. Nat. Mus., vol. 50, 1916, p. (456) 467 (Lota, Chile).—Fowler, Copeia, N.º 34, Aug. 24, 1916, p. 64 (Valparaíso).—Tortonese, Boll. Mus. Zool. Anat. Comp., Univ. Torino, vol. 47, ser. 3, N.º 100, 1909, p. 200 (Valparaíso).

Chile (Antofagasta, Caldera, Chañaral, Lota, Puerto Montt, San Vicente, Talcahuano, Tumbes, Valdivia, Valparaíso). Lieutenant Thomas lists it at Antofagasta in 1944.

CAULOLATITUS PRINCEPS (Jenyns)

Latilus princeps Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. 52, pl. 11 (type locality, Chatham Island, Galápagos).—Schmeltz, Cat. Mus. Godeffroy, N.º 4 1869, p. 16 (Chile).

Only reported from Chile in Schmeltz's list.

Family CHEILODACTYLIDAE

ACANTHOLATRIS GAYI (Kner)

Breca

Chilodactylus gayi Kner, Reise Novarra, Fische, 1865, p. 92 (name only on Valenciennes 1833).

Cheilodactylus gayi Norman, Discovery Rep., vol. 16, 1937, p. 61 (Juan Fernández).

Cheilodactylus carmichaelis (not Cuvier 1830) Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (362) 489 (Chile).—Valenciennes, Règne Animal, Cuvier, Ed. ill., Poiss., 1839, pl. 31, fig. 2 (Chile, Juan Fernández).—Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 197 (isla de Juan Fernández).

Acantholatrix monodactylus (not Carmichael) Gill. Proc. Acad., Nat. Sci. Phila., 1862, p. 119 (reference).

Chilodactylus monodactylus Steindachner, Sitzs. Akad. Wiss. Wien, vol. 71, pt. 1, 1875, p. 456 (Juan Fernández).—Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 23 (Juan Fernández).—Delfin. Revista Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 162 (Más a fuera).—Steindachner, Zool. Jahrb., Suppl., Band 6, 1903, p.

205 (Juan Fernández).— Quijada, Bol. Mus., Nac. Chile, vol. 5, N.º 1, 1913, p. 30 (Juan Fernández).— Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 55 (Juan Fernández).

Cheilodactylus monodactylus Delfin, Cat. Peces de Chile, 1901, p. 70 (Juan Fernández).

¿*Chilodactylus macropterus* (not Forster) Lönnberg, Erg. Hamburg, Magalh. Sammlr., vol. 1, Fische, 1907, p. 7 (Smyth Channel, Eden Harbor). Chile (Más a fuera, Juan Fernández, Smyth Channel).

CHIRODACTYLUS VARIEGATUS (Valenciennes)

Pintadilla, Pintadita

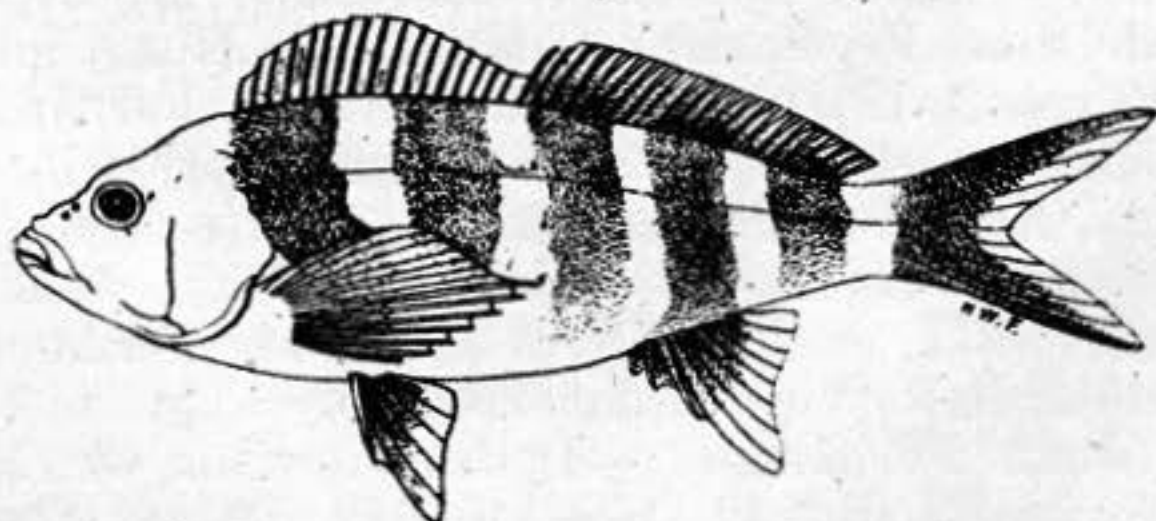
Cheilodactylus variegatus Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (364) 493 (type locality, Valparaíso).— Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 199 (bahía de Valparaíso).— Delfin, Cat. Peces de Chile, 1901, p. 71 (Chile).— Tortonese, Boll. Mus. Zool. Anat. Comp. Univ. Torino. Vol. 47, ser. 3, N.º 100, 1939, p. 133 (Valparaíso).

Chilodactylus variegatus Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 81 (compiled).—Steindachner Zool. Jahrb., Suppl. Band 4, 1898, p. 290 (Cavancha Bay, Iquique).— Delfin, Revist. Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 162 (reference).— Porter, Revista Chil. Hist. Nat., vol. 13, Nos 4-5, 1909, p. 286 (reference).

Chirodactylus variegatus Gill, Proc. Acad. Nat. Sci., Phila., 1862, p. 120 (compiled).
Chile (Iquique, Valparaíso).

CHIRODACTYLUS ANTONII (Valenciennes)

Bilagai



Chirodactylus antonii (Valenciennes). From Guichenot, 1854

- Cheilodactylus antonii* Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 9, 1833, p. (365) 494, (type locality, Cap. Saint Antoine, sur la cote du Chili). — Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 201 (San Antonio); atlas, 1854, pl. 5 bis, fig. 2. — Delfin, Cat. Peces de Chile, 1901, p. 71 (compiled).
- Chilodactylus antonii* Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 82 (compiled). — Delfin, Revista Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 163 (Santiago, Valparaíso). — Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, no pagination, pl. 3 (Chile).
- Chirodactylus antonii* Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 120 (compiled).
Chile (San Antonio, Santiago, Valparaíso).

CHIRODACTYLUS BICORNIS (Steindachner)

- Chilodactylus bicornis* Steindachner, Zool. Jahrb., Suppl. Band 4, 1898, p. 291, pl. 17 (type locality, Juan Fernández). — Delfin, Cat. Peces de Chile, 1901, p. 71 (copied). — Quijada, Bol. Mus. Nac. Chile, vol. 5, N.º 1, 1913, p. 30 (Juan Fernández). — Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference).
- Chironemus bicornis* Steindachner, Zool. Jahrb., Suppl. Band 6, 1903, p. 205 (note).
Chile (Juan Fernández).
The following nominal references may refer to *Chirodactylus*:
- Chilodactylus reedii* Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 163 (Juan Fernández).
Chilodactylus gracilis Philippi, in Delfin, op. cit. (Más a fuera).
Chilodactylus griseus Philippi, in Delfin, op. cit. (Juan Fernández).

Family APLODACTYLIDAE

APLODACTYLUS PUNCTATUS Valenciennes

Jerguilla

- Aplodactylus punctatus* Valenciennes, in Cuvier and Valenciennes, Hist. Nat. Poiss., vol. 8, 1831, p. (352) 477, pl. 242 (type locality, Valparaíso). — Jenyns, Zool. Voy. Beagle, Fish., vol. 4, 1842, p. 15 (probably Valparaíso). — Guichenot, Hist. Chile, Gay. Zool., vol. 2, 1848, p. 156 (Valparaíso). — Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 539

(compiled).— Fowler, Copeia, N.º 34, August 24, 1916, p. 64 (Valparaíso); Proc. Acad. Nat. Sci. Phila., 1926, p. 281 (Valparaíso); Proc. Amer. Philos. Soc., vol. 82, N.º 5, 1940, p. 779, fig. 60 (outline) (Valparaíso).

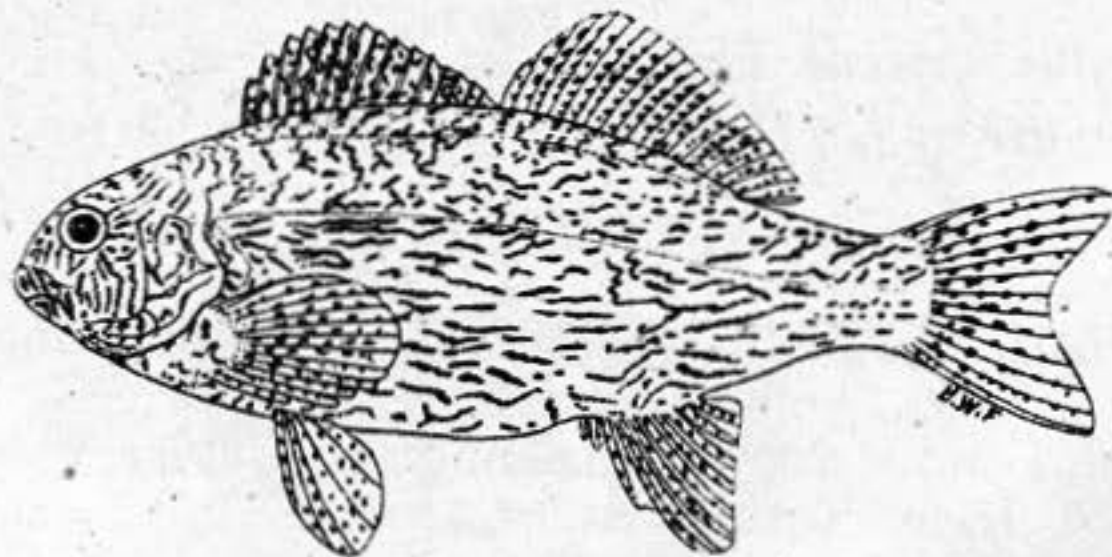
Haplodactylus punctatus Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 434 (South America).— Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 111 (compiled).— Schmeltz, Cat. Mus. Godeffroy, N.º 5, 1874, p. 23 (Iquique); N.º 7, 1879, p. 40 (Iquique).— Günther, Rep. Voy. Challenger, vol. 1, pt. 6, 1880, p. 24 (Valparaíso).— Pöhl, Cat. Mus. Godeffroy, N.º 9, 1884, p. 28 (Iquique).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.ºs 10-11, 1898, p. 150 (reference); vol. 3, N.º 12, 1899, p. 176 (Bahía de Concepción); Cat. Peces de Chile, 1901, p. 71 (Algarrobo, Valparaíso).— Pellegrin, Bull. Soc. Zool. France, vol. 29, 1904, p. 120 (Antofagasta).— Quijada, Bol. Nac. Chile, vol. 5, N.º 1, 1913, p. 29 (Algarrobo).

Aplodactylus regina Valenciennes, in Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 158 (type locality, Valparaíso); atlas, 1854, pl. 1, fig. 2.

Haplodactylus reginae Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 111 (compiled).— Schmeltz, Cat. Mus. Godeffroy, N.º 3, 1866, p. 7 (Chile).

Chile (Algarrobo, Antofagasta, Bahía de Concepción, Iquique, Valparaíso). Listed at Antofagasta in 1944 by Lieutenant Thomas.

APLODACTYLUS VERMICULATUS Valenciennes Chuquisa



Aplodactylus vermiculatus Valenciennes. From Guichenot, 1854.

Aplodactylus vermiculatus Valenciennes, in Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 159 (type locality, Valparaíso); atlas, 1854, pl. 1, fig. 1.— Jordan and

Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 539 (compiled).

Haplodactylus vermiculatus Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 434 (compiled).—Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 111 (reference).—Delfin, Revista Chil. Hist. Nat., vol. 2, N.ºs 10-11, 1898, p. 150 (Valparaíso); Cat. Peces de Chile, 1901, p. 72 (compiled).
Chile (Valparaíso).

APLODACTYLUS GUTTATUS Valenciennes

Jerguilla

Aplodactylus guttatus Valenciennes, in Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 160 (type locality, los mares de Chile).—Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 539 (compiled).

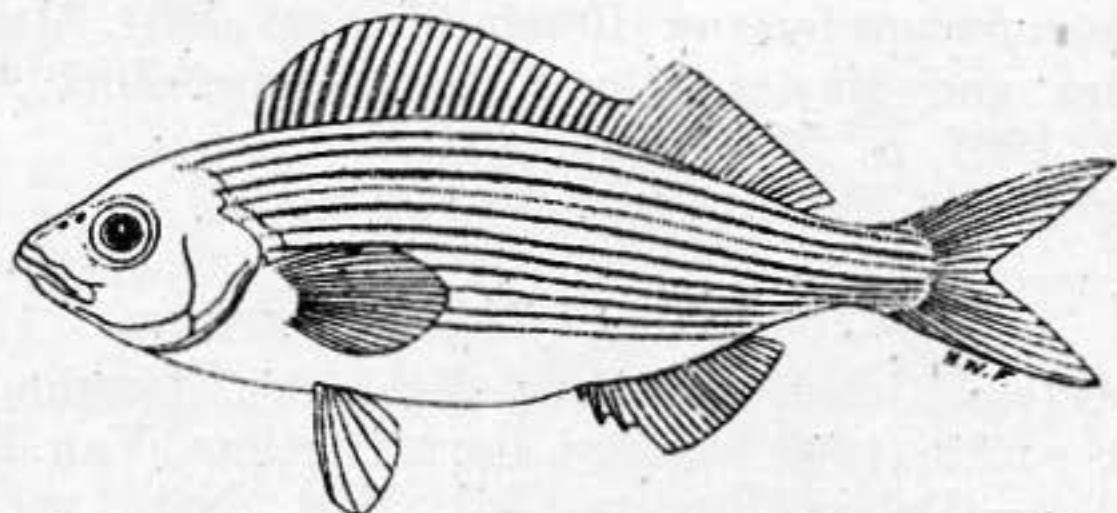
Haplodactylus guttatus Günther, Cat. Fish. Brit. Mus., vol. 1, 1859, p. 434 (compiled).—Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 111 (compiled).—Delfin, Revista Chil. Nat., vol. 2, N.º 12, 1898, p. 161 (reference); Cat. Peces de Chile, 1901, p. 72 (compiled). Referred to Chile but without definite locality. The following undetermined reference is given to complete the record:

Haplodactylus niger Philippi, in Delfin, Revista Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 161 (Isla de Juan Fernández (no description)).

Family LATRIDAE

MENDOSOMA LINEATA Guichenot

Trompetero, Trompero



Mendosoma lineata Guichenot, From Guichenot, 1854

Mendosoma lineata Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 213 (type locality, Bahía de Valparaíso);

atlas, 1854, pl. 5, fig. 2.— Gill, Mem. Nat. Acad. Sci., vol. 6, 1893, p. 117 (reference).

Mendosoma lineatum Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 85 (compiled).— Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 116 (compiled).— Delfin, Revista Chil. Hist. Nat., vol. 2, N.º 12, 1898, p. 163 (reference). Cat. Peces de Chile 1901, p. 72 (compiled).— Chile (Valparaíso).

MENDOSOMA CAERULESCENS Guichenot
Cabinza

Mendosoma caerulescens Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848., p. 215 (type locality, Chile).— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 85 (reference).— Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 116 (compiled).— Fowler, Proc. Acad. Nat. Sci. Phila., 1926, p. 281 (Valparaíso).

Mendosoma coerulescens Delfin, Revista Chil. Hist. Nat., vol. 3, N.os 1,2, 1899, p. 15 (Valparaíso); Cat. Peces de Chile, 1901, p. 72 (reference). Chile (Valparaíso).

MENDOSOMA FERNANDEZIANUM (Guichenot)
Cabinza de Juan Fernández

Mendosoma Fernandezianus Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 216, (type locality, Isla de Juan Fernández).— Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 85 (reference).— Delfin, Revista Chile, Hist. Nat., vol. 3, N.os 1-2, 1899, p. 15 (reference); Cat. Peces de Chile, 1901, p. 73 (compiled).

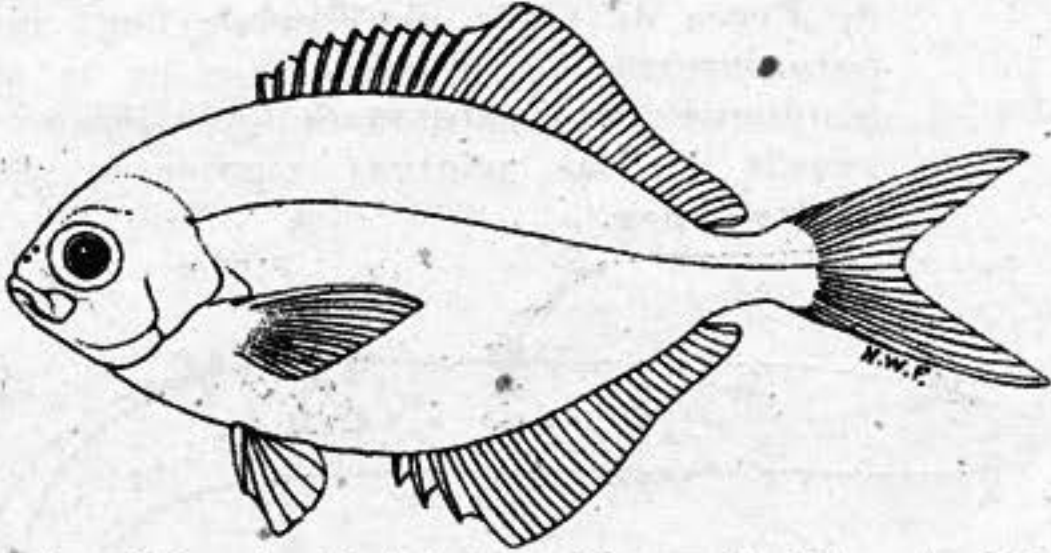
Mendosoma fernandezianum Gill, Proc. Acad. Nat. Sci. Phila., 1862, p. 116 (compiled).

Mendosoma fernandeziana Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. 50 (reference). Chile (Juan Fernández).

LATRIS HECATEIA Richardson

Latris hecateia Richardson, Proc. Zool. Soc. London, vol. 7, 1839, p. 98 (type locality, Port Arthur, Van Diemen's Land).— Delfin, Revista Chil. Hist. Nat., vol 5, 1902, p. 24 (Puerto Otwai); Cat. Peces de Chile, (1901), p. 73 (Canal Baker; Puerto Otwai). Chile (Canal Baker, Puerto Otwai). Also in Tasmania, Australia and New Zealand.

Family SCORPIDAE

SCORPIS CHILENSIS Guichenot
Pampanito*Scorpis chilensis* Guichenot. From Guichenot, 1854

Scorpis chilensis Guichenot, Hist. Chile, Gay, Zool., vol. 2, 1848, p. 220 (type locality, isla de Juan Fernández); atlas, 1854, pl. 6, fig. 1. — Günther, Cat. Fish. Brit. Mus., vol. 2, 1860, p. 64 (compiled). — Steindachner, Zool. Jahrb., Suppl., Band 4, 1898, p. 287 (Juan Fernández). — Delfin, Revista Chil. Hist. Nat., vol. 12, N.º 2, 1898, p. 161 (Juan Fernández); Cat. Peces de Chile, 1901, p. 76 (Chile). — Quijada, Bol. Mus. Naç. Chile, vol. 5, N.º 1, 1913, p. 30 (Juan Fernández). — Rendahl, Nat. Hist. Juan Fernández and Easter Island, Skottsberg, Zool., vol. 3, pt. 1, 1921, p. (50) 56 (Juan Fernández).

Caesiosoma chilense Jordan and Fesler, Rep. U. S. Fish Comm., pt. 17, 1889-1891 (1893), p. 538 (compiled). Chile (Juan Fernández).

The following nominal form may belong with the above:
Scorpis obscurus Philippi, in Delfin, Revista Chil. Hist. Nat. vol. 2, N.º 1, 1898, p. 162 (Juan Fernández). (no description).

(Continuará)