

# A List of Casts of Hawaiian Fishes

MADE BY JOHN W. THOMPSON OF THE MUSEUM STAFF.

IN all cases where possible the original of the cast has been preserved. A number of casts of fish not yet determined with certainty should be added to this list in summing up the number. The figures after the names represent in inches the length of the cast from snout to tip of tail, and the fish are from Honolulu unless otherwise noted.

- Sphyrna zygaena* (Linn.). Hammer-headed shark. Mano kihikihi. 33.5.  
Casts of two young sharks, species not determined. 23, 35.  
*Stoasodon narinari* (Euphrasen). Spotted Sting-ray. Hihimanu. Body only. 20.5.  
*Albula vulpes* (Linn.). Bonefish. Oio. 24.  
*Chanos chanos* (Forsk.) Milkfish. Puawa. 28.5.  
*Trachinocephalus myops* (Forster). Welea. 10.  
*Saurida gracilis* (Quoy & Gaim.). Ulae. 10.5.  
*Synodus varius* Lacépède. Ulae. 12.  
*Congrellus* (sp.). Conger Eel. Puhī. 62.  
*Microdonophis fowleri* Jordan & Evermann. 26.  
*Gymnothorax laysanus* (Steindachner).  
*Echidna zebra* (Shaw). Puhī. 45.  
*Sphagebranchus flavicaudus* Snyder. 16.  
Eleven undetermined species, mainly *Gymnothorax*.  
*Aulostomus valentini* (Bleeker), three distinct colors. Nunu. 28.5, 22.7, 14.7.  
*Tylosurus giganteus* (Schlegel). Ahaaha. 32.  
*Athlennes hians* (Cuv. & Val.), (2). 41, 44.5.  
*Euleptorhamphus longirostris* (Cuvier). Iheihe. 18.7.

- Exocœtus volitans* Linn.; also young. Flying-fish. Malolo.  
 12.7, 6.7.  
*Mugil cephalus* Linn. Mullet. Amaama. 20.  
*Sphyræna snodgrassi* Jenkins. 32.7.  
 " *helleri* Jenkins. Kawaleá. 17.  
*Polydactylus sexfilis* (Cuv. & Val.). Moi. 20.  
*Holotrachys lima* (Cuv. & Val.). 5.  
*Ostichthys pillwaxii* (Steindachner), (3). 10, 10.4, 10.5.  
*Myripristis chryseres* Jordan & Evermann. Pauu. 8.5.  
*Flammeo sammara* (Forsk.). 8.7.  
 " *scythrops* Jordan & Evermann. 8.5.  
*Holocentrus spinifer* (Forsk.). 18.5.  
 " *ensifer* Jordan & Evermann. 12.7.  
*Xiphias gladius* Linn. (cast of head only). A'u.  
*Scomber japonicus* Houttuyn.  
*Auxis thazard* (Lacépède). Frigate Mackerel.  
*Gymnosarda pelamis* (Linn.).  
 " *alletterata* (Rafinesque). Bonito. Kawakawa. 16.  
*Germo germo* Lacépède. Albacore. Ahi. 56.  
*Ruvettus pretiosus* Cocco (2). Walu. 44.  
*Promethichthys prometheus* (Cuv. & Val.). 13.4.  
*Lemnisoma thyrsoideum* Lesson. Hauliuli puhí. 37.7.  
*Scomberoides toloparah* (Rüppell). Lae. 24.  
*Seriola* (sp.). 28.  
*Decapterus pinnulatus* (Eydoux & Souleyet). Opelu. 18.  
*Carangus ignobilis* (Forsk.). Pauu'u. 36.5.  
 " *elacate* Jordan & Evermann (2). 32.  
 " *melampygus* (Cuv. & Val.). Omilu. 15.  
 " *rhabdotus* Jenkins.  
 " *helvolus* (Forster).  
*Caranx speciosus* (Forsk.). Paopao. 21.  
*Carangoides ferdau* (Forsk.).  
 " *gymnostethoides* Bleeker. 19.  
*Alectis ciliaris* (Bloch). Uluá kihikihi. 4.5.  
*Collybus drachme* Snyder. 7.7.  
*Coryphæna hippurus* Linn. Dolphin. Mahihi. 61.  
*Kuhlia* (sp.).  
*Amia maculifera* (Garrett). 3.7

- Amia menesema* (Jenkins). 5.4.  
*Epinephelus quernus* Seale (2). 11, 5.4.  
*Odontanthias fuscipinnis* (Jenkins). 8.  
*Priacanthus alalaua* Jordan & Evermann. Alalaua. 7.4.  
    "    *cruentatus* Lacépède. 16.5  
    "    *meeki* Jenkins (2). 13.7, 19.2.  
*Rooseveltia brighami* (Seale). Ukikiki. 16.5.  
*Aphareus flavivultus* Jenkins (2). 19.5.  
*Aprion virescens* Cuv. & Val. Uku.  
*Etelis marshi* (Jenkins), (2). Ulaula. 21.5, 15.  
    "    *evurus* Jordan & Evermann (2). 38, 38.5.  
*Monotaxis grandoculis* (Forsk.) Mamamu. 9.  
*Mulloidides auriflamma* (Forsk.) Weke ula. 14.  
*Pseudupeneus chryserydros* (Lacépède). Moano kea. 10.  
    "    *multifasciatus* (Quoy & Gaim.). Moano. 8.  
    "    *chrysonemus* Jordan & Evermann. 7.2.  
    "    *porphyreus* Jenkins. Kumu. 15.7.  
*Upeneus arge* Jordan & Evermann. Weke. 15.5.  
*Dascyllus albisella* Gill (2). 3.7, 4.  
*Chromis ovalis* (Steindachner). 7.2.  
*Pomacentrus jenkinsi* Jordan & Evermann. 3.5.  
*Abudefduf abdominalis* (Quoy & Gaim.). Maomao. 7.7.  
    "    *sordidus* (Forsk.), (2). Ku pipi. 5.  
*Malacanthus parvipinnis* Vaillant & Sauvage. Maká'a. 11.  
*Lepidaplois albotæniatus* (Cuv. & Val.). A'awa. 5.2.  
    "    *strophodes* Jordan & Evermann. 4.5.  
*Verreo oxycephalus* (Bleeker). 25.5.  
*Halichæres ornatissimus* (Garrett). Ohua paawela. 5.2.  
*Gomphosus varius* Lacépède. Aki lolo. 5.  
    "    *sandwichensis* Günther. Hinalea iwi. 6.5.  
    "    *tricolor* Quoy & Gaim. Hinalea iwi. 9.  
*Anampses evermanni* Jenkins. Opule lauli. 11.5.  
*Thalassoma purpureum* (Forsk.) 14.7.  
    "    *fuscum* (Lacépède. Awela. 10.5.  
    "    *duperrey* (Quoy & Gaim.). 9.  
    "    *aneitense* (Günther). 5.5.  
*Julis pulcherrima* (Günther). Hinalea loló. 8.7.



FIG. 1. CAST OF CHEILINUS HEXAGONATUS GUNTHER. 18.2 IN.

- Julis lepomis* (Jenkins). 17.2.  
“ *eydouxii* Cuv. & Val. 14.2.  
*Coris ballieui* Vaillant & Sauvage. 9.2.  
“ *venusta* Vaillant & Sauvage. 6.2.  
*Cheilio inermis* (Forsk.) (4). Kupoupou. 7, 11.5, 14, 16.  
*Pseudocheilinus octotænia* Jenkins. Aleihi lakea. 18.7.  
*Cheilinus hexagonatus* Günther (2). Poou. 12.5, 18.2. See Fig. 1.  
*Novaculichthys woodi* Jenkins. 5.7.  
“ *tæniourus* (Lacépède). 10.5.  
“ *kallosoma* (Bleeker). 4.  
*Cymolutes lecluse* (Quoy & Gaim.). 6.7.  
*Iniistius pavoninus* (Cuv. & Val.). 4.7.  
“ *niger* (Steindachner). 5.7.  
*Xyrichthys niveilatus* Jordan & Evermann. 10.5.  
*Calotomus irradians* Jenkins. 19.5.  
Three undetermined species.  
*Scaridea zonarcha* Jenkins (2). 9.2, 11.7.  
*Callyodon perspicillatus* (Steindachner). Uhu uli uli. 18.7.  
“ *jenkinsi* (Jordan & Evermann). 14.  
“ *lauia* (Jordan & Evermann). Lauia. 9.7.  
Two undetermined species.  
*Forcipiger longirostris* (Broussonet). 7.  
*Chætodon setifer* Bloch. 6.7.  
“ *lunula* (Lacépède), (2). Kikakapu. 2.7, 5.7.  
“ *unimaculatus* Bloch (2). Kikakapu. 4, 3.5.  
“ *punctatofasciatus* Cuv. & Val. 3.6.  
“ *miliaris* Quoy & Gaim. 5.2.  
“ *trifasciatus* Mungo Park. 5.  
“ *ornatissimus* Solander. 4.7.  
“ *quadrifasciatus* Gray (2). 5.4, 5.  
“ *fremblii* Bennett. 5.5.  
“ *ephippium* (Cuv. & Val.). 6.  
*Microcanthus strigatus* (Cuv. & Val.). 5.  
*Heniochus acuminatus* (Linn.). 6.2.  
*Holocanthus arcuatus* Gray. 7.  
*Zanclus canescens* (Linn.). Kihikihi. 6.2.  
“ *ruthiæ* Bryan. 2.7.



FIG. 2. CAST OF CANTHIDERMIS MACULATUS BLEEKER. 11.5 IN.

- Hepatus achilles* (Shaw). Pa kui kui. 7.  
" *dussumieri* (Cuv. & Val.). 17.  
" *xanthopterus* (Cuv. & Val.). Walu. 23.  
" *guttatus* (Bloch & Schneider). 10.5.  
" *atramentatus* (Jordan & Evermann). Maiko. 7.  
" *sandvicensis* (Streets). 8.  
*Zebrasoma veliferum* (Bloch). 7.  
" *flavescens* (Bennett). Laipala. 2.3.  
*Acanthurus unicornis* (Forsk.), (2). Kala. 25, 8.  
" *brevirostris* (Cuv. & Val.), 28.5 to tip of horn, and  
young. 8.5, 30.5.  
*Callicanthus lituratus* (Forster). 13.  
*Balistes nycteris* (Jordan & Evermann). 5.7.  
" *vidua* Solander (2). Humuhumu uli. 4.5, 10.4.  
" *bursa* Lacépède. Humuhumu lei. 7.5.  
*Balistapus rectangulus* (Bloch & Schneider). 8.4.  
" *aculeatus* (Linn.), (2). 4.6, 10.7.  
*Canthidermis maculatus* Bleeker. 11.5. See Fig. 1.  
*Melichthys radula* (Solander). Humuhumu eleele. 11.  
*Cantherines sandwichiensis* (Quoy & Gaim.). 12.  
*Stephanolepis spilosomus* (Lay & Bennett), (2). Oili uwiwi.  
2.5, 5.6.  
*Osbeckia scripta* (Osbeck). 25.2.  
*Tetraodon hispidus* Linn. (3). Keke. 4, 10.5, 13.  
Two species undetermined.  
*Canthigaster cinctus* (Solander). 4.  
*Ranzania makua* Jenkins. Makua. 23.  
*Ostracion sebæ* Bleeker. Moa. 5.4.  
*Lactoria schlemmeri* Jordan & Snyder. 11.5.  
*Cheilodactylus vittatus* Garret (2). Kikakapu. 9.5, 12.5.  
*Paracirrhites forsteri* (Bloch & Schneider). Piliko'a. 7.  
" *arcatus*, (Cuv. & Val.). Piliko'a. 4.7.  
*Cirrhites marmoratus* (Lacépède). Oopukai. 10.  
*Sebastapistes corallicola* Jenkins. 4.5.  
One undetermined species. 3.  
*Pterois sphex* Jordan & Evermann. 6.  
*Scorpaenopsis cacopsis* Jenkins. 14  
" *gibbosa* (Bloch & Schneider). Omakaha. 17.5.

- Iracundus signifer* Jordan & Evermann. 4.2.  
*Peristedion engyceros* (Günther). 11.5. Lahaina.  
*Cephalacanthus orientalis* (Cuv. & Val.). Lolo-oau. 10.5.  
*Osurus schauinslandii* (Steindachner). 4.6.  
*Eleotris sandwicensis* Vail. & Sauv.). Oopu. 4.6.  
*Brotula marginalis* Jenkins. 11.  
*Platophrys pantherinus* (Rüppel). 7.  
One species not determined. 4.6.  
*Antennarius leprosus* (Eydoux & Souleyet). 4.2.

Two hundred and fifty-three casts in all.

[120]

