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List of Fishes of the Galapagos Archipelago, Ecuador (Version 3.0)

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Introduction

In preparation for the revised new edition of the 1997 book "The Fishes of the Galapagos Islands" by Jack Stein Grove and Robert J. Lavenberg, to be published by the EPCA, the East Pacific Corridor Alliance Foundation (www.epcafoundation.org), we have been reviewing literature and museum records and obtaining additional underwater photographs and specimens of fishes from Galapagos waters. Our Version 2.0 of the species list in Victor et al. (2024) added a number of cryptobenthic species, new records, and unresolved taxa, many documented from the expedition sponsored by the EPCA in May 2024, which included widespread surveys, intensive underwater photography, and collecting of tissues for DNA sequencing.

We update the fish species list here, adding mostly deeper or mesopelagic species, but also clarifying and correcting a number of species in the prior lists, applying strict scientific criteria (Grove et al. 2022, Victor et al. 2024). The addition of deeper and mesopelagic species is based on a detailed review of collections at the Scripps Institution of Oceanography's Marine Vertebrate Collection (SIO), where collections from the extensive EASTROPAC offshore oceanic trawl surveys are housed and where original collection notes are preserved, many available online (at https://sioapps.ucsd.edu/collections/mv/). The large-scale EASTROPAC I and II surveys were conducted in the 1950s and 1960s for the National Marine Fisheries Service, extending deep into the TEP region. In those surveys, multiple ships sampled along 3000-km transects from Baja California to south of the equator. A series of expeditions by SIO also surveyed offshore and deep fishes in the region: the Shellback expedition in 1952; the R/V *Alpha Helix* with Richard Rosenblatt in the 1960s; and the Krill expedition to the Galapagos Rise in the 1970s. There have been a few more recent CalCOFI larval surveys that extend to Galapagos waters, with results listed at GBIF, however, larval observation records, in our protocol, are not included. The collections at SIO, and to a lesser degree at LACM and CAS (with the R/V *Arcturus* 1925 collection), account for almost all of the accessible offshore collections of fishes in the TEP region.

There are also collections from a number of Russian ichthyological surveys in the area, but they are not accessible and only a few of the results are documented in the English literature. Other collections are much smaller and often not collated in any detail, and, since the identification of offshore deeper and mesopelagic species is particularly difficult, most do not provide reliable species identifications. The SIO collections were collated and identified by experts in the taxonomy of deeper and mesopelagic fishes of the eastern Pacific, in particular by Carl Hubbs, Richard Rosenblatt, Robert Wisner, Basil Nafpaktitis, and Al Ebeling, who over the years annotated the data with identifications, numbers, and size ranges of fishes collected. Note that some of those specimens listed are larval and those species records were not considered for inclusion in the Galapagos fish species list, conforming with most other range compilations, e.g. The American Fisheries Society list of common and scientific names (Page et al. 2023). The exclusion is discussed in Version 2.0 of Victor et al. (2024): in brief, vast numbers of larvae of continental shorefishes, including brackish and even freshwater species, can be advected far offshore and into the Galapagos EEZ (Victor 2024), where they do not survive or persist. Including them in faunal lists would grossly expand the list making it much less meaningful or useful, and, if only theoretically, larval records would progressively expand the list to eventually include all of the known fishes from the entire southeastern Pacific Ocean.

Results

The total number of species in this version of the list is augmented by 36 to 719 total species (from 683), whilst the number of families stays the same. The updated list of fishes known to occur on and around the Archipelago are listed in **taxonomic** order in Table 1 and in **family alphabetical** order in Table 2, with added species and corrections in bold font (in all tables).

The area covered is defined as that encompassed by the Ecuadorean EEZ limits around the Galapagos Archipelago, which extend well beyond the boundaries of the Galapagos Marine Reserve (Reserva Marina de Galápagos) and also include the new Reserva Marina Hermandad (in the waters between Galapagos and the outer border of the Costa Rican EEZ limits surrounding Cocos Island). The area covered includes the islands and adjoining shelf slope down to and including the abyssal region and seamounts.

The 719 listed species of fishes include 60 in Chondrichthyes (in 28 families) and 650 bony fishes (Osteichthyes, in 151 families), plus 8 hagfishes (Myxiniformes) and one cephalochordate. The 38 additions (there were two removals to net 36) comprise 5 shallow shorefishes, 24 mesopelagic species, 5 deepwater (non-pelagic) species, and 4 offshore pelagic species. One offshore pelagic species is removed (and two species are moved from nearshore pelagic to offshore pelagic); and one shallow shorefish species is removed (another is replaced with a newly described endemic species). Two previously listed endemics are corrected to non-endemic, two non-endemics are corrected to endemic, and 5 vagrants are changed to resident. A number of spellings are corrected.

There are 69 documented **endemic** species in 31 families (including 7 chondrichthyan species in 4 families and 8 myxinids), about half deeper-water demersal species (32 endemics in 14 families) and the remainder mostly shallow reef species with relatively short larval lives, such as blennioids, dactyloscopids, gobioids, and haemulids (37 shallow endemics in 19 families) (Table 3). As expected, there are no endemic mesopelagic or inshore pelagic or offshore pelagic species (and no endemic vagrants by definition).

Updated estimates of percent endemism for the Galapagos fish fauna are presented in Table A. The most useful percentages are **9.6%** for all fishes, but that is not a stable estimate. More consistent is **10.7%** for residents (excluding vagrants, which are not part of the "fauna" and inevitably are ever-accumulating numbers). Then a more island-oriented estimate is **13.6%** for residents excluding the large set of mesopelagic fishes that can mount in numbers and become a source of distortion.

TABLE A

Percentage endemism for a variety of fish faunal categories in the Galapagos Islands

(NUM is total count of species; END is the number of endemics in that category; %= % endemism
note mesopelagic and offshore pelagic fishes have no endemics)

Category	code	ALL CLASSES*			Osteichthyes			Chondrichthyes			Chondrichthyes + Myxini		
		NUM	*END*	**%**	*NUM*	*END*	**%**	*NUM*	*END*	**%**	*NUM*	*END*	**%**
all fishes	all	719	69	**9.6**	650	54	**8.3**	60	7	**11.7**	68	15	**22.1**
all resident fishes	all-v	642	69	**10.7**	576	54	**9.4**	57	7	**12.3**	65	15	**23.1**
all fishes without mesopelagics	all-meso	583	69	**11.8**	515	54	**10.5**	59	7	**11.9**	67	15	**22.4**
all resident fishes without mesopelagics	all-meso-v	506	69	**13.6**	441	54	**12.2**	56	7	**12.5**	64	15	**23.4**
shorefishes (shallow & nearshore & deep)	ss+nsp+ds	482	69	**14.3**	443	54	**12.2**	30	7	**23.3**	38	15	**39.5**
resident **shorefishes** (shallow ns & deep)	ss+nsp+ds-v	411	69	**16.8**	372	54	**14.5**	30	7	**23.3**	38	15	**39.5**
all inshore fishes without nearshore	ss+ds	456	69	**15.1**	417	54	**12.9**	30	7	**23.3**	38	15	**39.5**
resident **inshore** fishes without nearshore	ss+ds-v	390	69	**17.7**	351	54	**15.4**	30	7	**23.3**	38	15	**39.5**
all shallow fishes including inshore & offshore pelagic	ss+nsp+op	457	37	**8.1**	420	37	**8.8**	36	0	**0**	36	0	**0**
resident **shallow** fishes including inshore & offshore pelagic	ss+nsp+op-v	382	37	**9.7**	348	37	**10.6**	33	0	**0**	33	0	**0**
shallow shorefishes inshore & nearshore **	ss+nsp	356	37	**10.4**	348	37	**10.6**	7	0	**0**	7	0	**0**
resident **shallow** shorefishes in & near	ss+nsp-v	287	37	**12.9**	279	37	**13.3**	7	0	**0**	7	0	**0**
shallow inshore fishes	ss	330	37	**11.2**	322	37	**11.5**	7	0	**0**	7	0	**0**
resident **shallow** inshore fishes	ss-v	266	37	**13.9**	258	37	**14.3**	7	0	**0**	7	0	**0**
deep inshore fishes	ds	126	32	**25.4**	95	17	**17.9**	23	7	**30.4**	31	15	**48.4**
resident **deep** inshore fishes	ds-v	124	32	**25.8**	93	17	**18.3**	23	7	**30.4**	31	15	**48.4**

* includes the one cephalochordate

a commonly used category used by many **diving guidebooks for shorefish observed in usual diving depths (shallow shorefishes plus nearshore pelagics, including vagrants).

Of the total, 77 species are considered **vagrants** (3 chondrichthyans), many of which are Indo-Pacific coral-reef species that are transported across the east Pacific barrier as a rare individual (Table 4). That leaves a total of 642 resident species (57 chondrichthyans). How we assign vagrant is covered in detail in Victor et al. (2024), but basically only rare isolated records of one or two individuals are considered vagrant, clearly precluding a self-sustaining local population, while observations or collections of repeated or multiple individuals together moves a fish into resident category. Notably, species that are well-hidden, small and cryptic, or difficult to find or survey, including most sporadic deeper-water species we do not survey effectively, are considered resident even with rare or single records, until proven otherwise.

For broad habitat categories, we define **shorefishes** broadly, as non-pelagic species, including those small schooling fishes off the bottom but associated with the shoreline and we also include bottom-associated deeper and slope and even abyssal species, mainly because there is no sharp demarcation between deep-slope fauna to abyssal fishes. We do separate out the large set of carangid fishes which move inshore and offshore but are broadly associated with coastal waters as shallow **nearshore pelagics**.

Fishes that are found mainly out in open ocean are **offshore pelagics**, but if they are the large group of mostly small, vertically migrating fish families, they are categorized as **mesopelagic**. One elasmobranch, the bigeye thresher shark *Alopias superciliosus*, spends daylight hours in the mesopelagic zone and at night ascends to feed, in parallel with other mesopelagic fishes.

The line between **shallow** and **deep** is not easily defined, but we consider fishes that could be seen by regular divers as shallow, generally up to 50 m deep.

For the Galapagos, there are 330 shorefishes in shallow waters: made up of 266 shallow residents (in 79 families) (Table 5) and 64 shallow vagrants (in 34 families, 7 of which occur in Galapagos only as vagrants). In addition, there are 13 deepwater (2) or pelagic vagrants (nearshore 5 and offshore 6). There are also 26 resident nearshore pelagics (Carangidae, with 5 vagrants) (Table 5); 126 deepwater bottom fishes (Table 6) (in 46 families, only two vagrants); 101 offshore pelagics (in 38 families; 6 vagrants) (Table 7); and 136 mesopelagic species (in 30 families) (Table 8).

Notes on changes to the Version 2.0 list

Additions

Acanthurus leucocheilus (Acanthuridae) is added as a vagrant shallow shorefish based on a single photograph of two large adults at Wolf Island by WBS in 2024 (iNat) (Bensted-Smith et al. 2025). No other report of this prominent and easily identified widespread Indo-Pacific surgeonfish exists for the TEP.

Acanthurus olivaceus (Acanthuridae) is added as a vagrant shallow shorefish based on a single photograph of one adult at Marchena by WBS in 2024 (iNat) (Bensted-Smith et al. 2025). No other report of this prominent and easily identified widespread Indo-Pacific surgeonfish exists for the TEP.

Ctenochaetus marginatus (Acanthuridae) is added based on numerous sightings and photographs in Galapagos in 2024 (iNat) (Bensted-Smith et al. 2025). It is surprising that this Indo-Pacific surgeonfish had not been previously documented in the Archipelago since it is widely reported from the TEP, at Islas Revillagigedo, Clipperton, Cocos Island, and Malpelo, as well as along the mainland at Mexico, Costa Rica, Panama, and Colombia (Robertson & Allen 2024). Galapagos observations have been on the northern islands of Darwin and Wolf, most by author WBS, where Indo-Pacific arrivals are concentrated, but C. Estapé and A. Morgan-Estapé also photographed a small adult at Pinta Island, in Fig. 2C of Bensted-Smith et al. (2025). Given the number of sightings and frequent pairs, the species is considered a resident shallow shorefish. At Clipperton they can be abundant (Robertson & Allen 1997), 71 juveniles were collected on the 1998 expedition by STRI (BV collection).

Bathylagus wesethi (Bathylagidae) is added as based on SIO 91-164, as a mesopelagic species.

Brama japonica (Bramidae) is added as a vagrant offshore pelagic species based on SIO 64-222, a juvenile 161 mm SL specimen from the stomach of a bigeye tuna caught in fisheries at Cadillac Bank. The species is a well-studied temperate north Pacific fish with the southern limit in the eastern Pacific cited in literature as off mid-

Baja California; other than the tuna-stomach specimen, another juvenile is reported from tropical waters, from a yellowfin tuna set (at 9°N, 121°W; SIO 84-63); other than the two juveniles, only a couple of larvae have been collected. In contrast, *Brama dussumieri* is a tropical species found circumglobally in tropical waters and widespread in the TEP; it is on the list based on SIO 92-72 & 63-1023 within the EEZ.

Thermichthys hollisi (Bythitidae) is added as a deepwater non-pelagic endemic species based on the holotype SIO 88-97 described by Cohen, Rosenblatt & Moser (1990) from the Galapagos Rift hydrothermal vents, reviewed by Chen et al. (2024). Nielsen & Cohen (2002) note how divergent this species is from other *Thermichthys* species and propose *Gerhadia* as a new genus for this species, however it remains *Thermichthys* in Fricke et al. (2026).

Chaetodon punctatofasciatus (Chaetodontidae) is added as a vagrant shallow shorefish based on a single photograph of a pair of adults at Pinta Island by F. Terán in 2024 (Bensted-Smith et al. 2025). This widespread Indo-Pacific butterflyfish has not been reported elsewhere in the TEP.

Epinephelus quinquefasciatus (Epinephelidae) is added as a vagrant shallow shorefish based on an underwater video from Isla San Cristobal, taken by Jose Martinez, passed on by the Parque Nacional Galápagos to WBS for identification. The video shows a massive grouper, apparently more than 1.5 meters long, with an overall uniform dark-mottled body without bars, a flattened long forehead, a small eye, relatively short dorsal-fin spines, and a smooth-edged, rounded-off, paddle-like caudal fin with distal round dark spots and no white margin.

Cheilopogon furcatus (Exocoetidae) is added based on SIO 12-1263, which was collected along with a *C. dorsomacula* in that collection. *Cheilopogon dorsomacula* was considered a subspecies of *C. furcatus* until elevated, thus older TEP records of *C. furcatus* may represent *C. dorsomacula.* The two species are distinguished by the presence of black markings on the pelvic and dorsal fins in *C. dorsomacula* vs. unpigmented on *C. furcatus*. These flyingfishes are offshore pelagic species.

Cyclothone braueri (Gonostomatidae) is added based on 140 specimens in SIO 05-154, as a mesopelagic species.

Cyclothone microdon (Gonostomatidae) is added as a mesopelagic species based on SIO 55-258, with 18 specimens from 33–56 mm SL; 5 species of *Cyclothone* were identified in the collection including 460 specimens of *C. acclinidens*.

Cyclothone pseudopallida (Gonostomatidae) is added as a mesopelagic species based on SIO 55-258; a single 38 mm SL specimen was listed; 5 species of *Cyclothone* were identified in the collection including 460 specimens of *C. acclinidens*.

Sigmops elongatus (Gonostomatidae) is added based on SIO 76-55, as a mesopelagic species (ex-*Gonostoma elongatum*).

Nezumia parini (Macrouridae) is added as a deepwater non-pelagic endemic species based on a record in Parin et al. (1990) from 0°, -89°.

Centrobranchus andreae (Myctophidae) is added based on SIO 76-59, as a mesopelagic species.

Dasyscopelus asper (Myctophidae) is added based on SIO 84-199, as a mesopelagic species (ex-*Myctophum asperum*).

Diaphus fulgens (Myctophidae) is added based on SIO 91-161 etc., as a mesopelagic species.

Diaphus mollis (Myctophidae) is added based on SIO 91-165 etc., as a mesopelagic species.

Diaphus parri (Myctophidae) is added based on SIO 91-163 etc., as a mesopelagic species.

Lampanyctus crypticus (Myctophidae) is added based on SIO 96-151 etc., as a mesopelagic species.

Lampanyctus nobilis (Myctophidae) is added based on SIO 72-38, as a mesopelagic species.

Protomyctophum sp. (Myctophidae) is added based on SIO 05-154, as a mesopelagic species; there are at least 12 species that are reported as circumglobal, southern circumglobal, or present in the eastern Pacific.

Triphoturus nigricans (Myctophidae) is added based on SIO 95-63 etc., as a mesopelagic species.

Avocettina infans (Nemichthyidae) is added based on SIO 76-59, as a mesopelagic species. An additional record of *Avocettina* sp. is reported by Parin et al. (1990) from 0°, -89°.

Cubiceps baxteri (Nomeidae) is added based on specimens from SIO 75-84, as an offshore pelagic species. *Cubiceps caeruleus*, *C. paradoxus*, and *C. capensis* are widespread but not yet recorded within the Galapagos EEZ.

Scopelosaurus harryi (Notosudidae) is added based on a specimen from SIO 95-62, as a mesopelagic species. Virtually all specimens are from temperate latitudes, but a few are recorded within the tropics.

Porogadus promelas (Ophidiidae) is added based on the report from Cohen & Haedrich (1983) of a specimen of *Porogadus* sp. found moribund at the surface over the vent site (SIO 72-108), the species is added as a deepwater non-pelagic species. This ophidiid fish was not included in the recent update of hydrothermal-vent fauna by Chen et al. (2024), who reported only three fishes (a bythitid and two zoarcids). Schwartzhans & Møller (2021) reviewed the genus and conclude there are three *Porogadus* species in the TEP (but they did not examine SIO 72-108 or mention Galapagos), i.e. *P. atripectus* from Baja California to Ecuador, *P. longiceps* from the Panama Bight, and the very widespread *P. promelas* ranging from British Columbia to Chile. A larva collected over the Rose Garden hydrothermal vents (Victor 2024) has an almost identical COI mtDNA sequence (BOLD BIN AAF8119) to a known *P. promela*s from British Columbia (sequenced specimens included in Schwartzhans & Møller as RBCM 010-00342-001) and to the "*Porogadus* sp." collected off Panama in the MOP survey (Robertson et al. 2017; p. 63, USNM 421448, 421549 & 435796; not examined by Schwartzhans & Møller). The MOP specimens furthermore have the relatively short snout characteristic of *P. promelas* (the TEP sister species of Atlantic *P. catena*). Thus the *Porogadus* sp. collected over the vents is presumed to represent *P. promelas*.

Spectrunculus crassus (Ophidiidae) is added based on records of "*Parabassogigas*" from Galapagos (including USNM 217828 & 217829 from the R/V *Anton Bruun* expedition in 1966), as a deepwater non-pelagic species.. Cohen & Haedrich (1983) documented abyssal vent-associated fishes at the Galapagos hydrothermal vents and they list *Spectrunculus* (without species) as "common". *Parabassogigas* has since been synonymized with *Spectrunculus* and the erstwhile monotypic species *S. grandis* has been split into 4 species, with *S. crassus* the representative in the TEP (Uiblein et al. 2023; the review did not include any specimens from the Galapagos). *Bassogigas coheni* Mayer & Nalbant, 1972, described from Peru, is considered a junior synonym of *S. crassus*.

Bathylychnops sp. (Opisthoproctidae) is added as a mesopelagic species based on an 11-mm specimen from SIO 05-154. There are three known species, any of which could be in the TEP: circumglobal *Bathylychnops brachyrhynchus* (Parr, 1937); *B. chilensis* Parin, Belyanina & Evseenko, 2009 from the SE Pacific; and *B. exilis* Cohen, 1958 from the north Pacific and Chile.

Lestidium bigelowi (Paralepididae) is added based on SIO 95-62, as a mesopelagic species.

Vinciguerria nimbaria (Phosichthyidae) is added based on SIO 52-409 etc., as a mesopelagic species.

Sagamichthys abei Parr, 1953 (Platytroctidae) is added based on SIO 52-409, as a mesopelagic species.

Scomberesox scombroides (Scomberesocidae) is added as an offshore pelagic species based on ranges reported in Hubbs & Wisner (1980), referring to Parin and Ahlstrom collection points that extend into the EEZ, at the periphery of the broad range of the species offshore of Ecuador and Peru (in their Figs. 15 & 17). Originally considered the southern subspecies of *Scomberesox saurus*, it has been elevated to species status, including all southern hemisphere populations. They add that the other resident scomberesocid, *Cololabis adoceta*, can be extremely abundant in the area and that Parin reports a trawl sample just south of Galapagos where a thousand specimens were captured in 20 minutes.

Danaphos oculatus (Sternoptychidae) is added based on SIO 91-197, as a mesopelagic species.

Photonectes margarita (Stomiidae) is added based on SIO 96-149, as a mesopelagic species.

Stomias danae (Stomiidae) is added based on SIO 91-164, as a mesopelagic species.

Thysanactis dentex (Stomiidae) is added based on USNM 298153 (from the R/V *Anton Bruun* in 1966), as a mesopelagic species.

Pachycara rimae (Zoarcidae) is added as a deepwater non-pelagic endemic species based on the holotype LACM 44699-1, described by Anderson (1989) and collected at 2,500 m in 1977 from the Galapagos Rift hydrothermal vents. Chen et al. (2024) reviewed the three fish records from along the rift vents underlying the EEZ line and extending into the EEZ.

Subtractions (note Table B at end of references lists species removed or not accepted for the list in all Versions)

Diodon eydouxii (Diodontidae) is removed from the lists: it is a pelagic pufferfish species found worldwide in warmer waters, however it is infrequently collected and thus far documented specimen records from the TEP are all well north of Galapagos, many within the Intertropical Convergence Zone. The species is on lists for Malpelo Island (Bessudo & LeFevre 2017) and Cocos Island (Cortés 2012; Appendix 1 & Fourriere et al. 2017; Table S2), but, tracking the Cocos citations, the records were attributed to 2008 and 2015 versions of the SFTEP guide by Robertson & Allen (2024). Those listings were derived from the circumtropical range, not any specific reports or specimens. The FAO catalogue for the eastern Pacific does not include any members of the family, without explanation (Fischer et al. 1995). Grove & Lavenberg (1997) label a photograph in Fig. 139 as *D. eydouxii*, but it is a *Chilomycterus reticulatus*, with a rare color pattern with dark fins prominently edged in white.

Carapus mourlani (Ophidiidae: Carapinae) is removed from the lists: the widespread Indo-Pacific species (type location is Madagascar) was included in the Galapagos fauna, based on SIO 04-163 (and listed as Galapagos in VertNet). However, the original collection note has no coordinates, but text saying from Galapagos and as a gift from Eric Parmentier, from the sea cucumber *Isostichopus fuscus* in 2001. Notably, Parmentier et al.'s (2006) discovery of the species was from mainland Ecuador, and were the first confirmed records of the species from the TEP. Parmentier et al. (2006) state that particular specimen is from Punta Ayangue, mainland Ecuador, and it is actually their voucher specimen (confirmed by Eric Parmentier, pers. comm). Subsequently, Glynn et al. (2008) discovered the species in Panama and then Chacon-Monge et al. (2021) found them in Costa Rica. Two earlier putative records, SIO 70-77 from Sonora in 1970 and SIO 11-338 from 1993 at Clarion, Revillagigedo are not mentioned in those articles, and how the difficult species-level identification was made is not documented. The fourth pearlfish species in the TEP, *Carapus dubius*, is reported from the Sea of Cortez to Ecuador, including Cocos Island (and Hawaii) and prefer mollusc hosts. It was described as *Fierasfer dubius* Putnam, 1874 from pearl oysters in the Bay of Panama, and there are no records from Galapagos. Thus far, Grove & Lavenberg (1997) and Robertson & Allen (2024) list neither of the two species; Allen & Robertson (1994) and McCosker & Rosenblatt (2010) list only *C. dubius*, without provenance.

Replacements

Prionotus stephanophrys (Triglidae) is removed from the list and replaced by the newly described endemic Galapagos species *Prionotus pictus* Victor, 2025 (a non-endemic replaced by an endemic). Upon review, *P. stephanophrys* is a continental soft-bottom species not found on the offshore islands of the TEP. Interestingly, almost all underwater photographs labeled as the endemic Galapagos searobin *Prionotus miles*, collected by Charles Darwin and described by Jenyns, are actually of the new species *P. pictus*, which is a colorful reef-associated searobin. True *P. miles* is an uncommon soft-bottom searobin, rarely observed or photographed underwater, but accounting for most museum specimens, likely because it is more easily collected on open substrates and by hook-and-line (Victor 2025). Both of the searobins found in Galapagos are endemic.

Halichoeres melanotis (Labridae) as a vagrant is removed from the list and replaced by *Halichoeres malpelo*, as a resident, based on a set of recent photographs from Darwin, Seymour, and Fernandina by WBS (Bensted-Smith et al. 2025). He documented many individuals, clearly males and females, showing a variety of color patterns consistent with the *Halichoeres melanotis* species complex. The complex includes species with an especially wide range of color patterns, and presently there is a representative on all offshore islands (except Clipperton), as well as the widespread mainland species from the Sea of Cortez to Ecuador. The species native to the Revillagigedo Archipelago was recently described as *Halichoeres sanchezi* Victor, Frable & Ludt, 2024. In that description, the 4 members of the complex are compared in detail with numerous underwater photographs, and the mtDNA-barcode sequence (COI) was obtained for three (except *H. malpelo*). Mainland *H. melanotis* display an extreme range of color patterns in both juveniles and IP and TP adults, notably with a somewhat frequent, distinctive, gold-striped juvenile form. The island species, i.e. *H. sanchezi* in Revillagigedo, *Halichoeres salmofasciatus* in Cocos, and *H. malpelo* in Malpelo, also show a wide variety of

adult color patterns within species, many overlapping, with subtle differences between species. The pair of *H. salmofasciatus* and *H. malpelo* are most similar, and colors are not completely documented, however recently available photographs by authors IK and WBS show that the two species mostly share juvenile and IP color patterns, with reddish lateral stripes and dark spots at the opercular flap and near the base of the caudal fin. One potential difference is raised in the species description of *H. malpelo* (Allen & Robertson 1992), documenting a large IP fish with a pinkish body and yellowish head, recently reinforced by an additional photograph from Malpelo (Bensted-Smith et al. 2025, Fig. 26C). That color form has not been seen at Cocos Island so far, including in recent photographs by IK and BBS (Allen & Robertson 2002). Since a photograph of a large IP in Galapagos (Bensted-Smith et al. 2025, Fig. 24D), shows a somewhat pinkish body and yellowish head, we favor assigning the Galapagos population to *H. malpelo*, pending additional documentation and the collection of specimens for DNA sequencing. Complicating the matter is the original single photograph by Paul Humann from Galapagos decades ago (Humann & DeLoach 2003, p. 105), which more closely resembles color patterns found in mainland populations. That accounted for our listing of vagrant *H. melanotis* in prior versions of the list. However, that unusual appearance may be just another variant within a single Galapagos entity. Genetic analyses of the Galapagos entity are needed, since there are divergences in the mtDNA COI sequence among three species we sequenced, i.e. 2.4% between *H. sanchezi* and *H. melanotis*, 2.9% between *H. sanchezi* and *H. salmofasciatus*, and 2.1% between *H. melanotis* and *H. salmofasciatus*, while *H. malpelo* and *H. salmofasciatus* share a mtDNA lineage (José Tavera, pers. comm.). The barcode sequence of the Galapagos population should help narrow down the identification and may well suggest it represents a new endemic species.

Corrections

Bathytroctes macrolepis (Alepocephalidae) was added in Version 2.0 due to the record MCZ 50743, from within the EEZ, of *Bathytroctes alvifrons* Garman, 1899, now considered a junior synonym of *B. macrolepis*: it replaces the incorrect listing of *B. microlepis*, which is also present in the TEP (Robertson et al. 2017), but not confirmed in the Galapagos EEZ so far. *Bathytroctes macrolepis* was correctly listed in Tables 8 & 9 in Version 2.0, but incorrectly listed as "*B. microlepis"* in Tables 1 & 2 in Version 2.0 and in Version 1.0.

Leuroglossus stilbius (Bathylagidae) was misspelled as as *L.* "*stilbeus*" in Tables 1 & 2 in Version 2.0 (and correctly spelled in Tables 8 & 9).

Seriola rivoliana (Carangidae) was misspelled as as *S.* "*riviolana*" in Tables 1 & 2 in Version 2.0 (and correctly spelled in Version 1.0 and Version 2.0 Tables 5 & 9).

Cryptopsaras couesii (Ceratiidae) was misspelled as *C.* "*coueseii*" in Version 2.0.

Orthopristis cantharina (Haemulidae) was misspelled as *O.* "*cantharinus*" in Version 1.0 and *O.* "*cantherina*" in Tables 1,2 & 9 in Version 2.0 (and correctly spelled in Table 5).

Melamphaes laeviceps and *M. spinifer* (Melamphaidae) were misspelled as *"Melamphaeus"* in Tables 1,2 & 9 in Version 2.0 (and correctly spelled in Table 8).

Diaphus rafinesquii (Myctophidae) was misspelled as as *D.* "*rafenesquii*" in Version 1.0 and as *D.* "*rafenesqii*" in Version 2.0.

Hygophum reinhardtii (Myctophidae) was misspelled as as *H.* "*reinhardt*" in Version 1 and Tables 1,2 & 9 in Version 2.0 (and correctly spelled in Table 8).

.*Triphoturus oculeus* (Myctophidae) was misspelled as *T.* "*oculeum*" in Versions 1.0 & 2.0.

Vinciguerria lucetius (Phosichthyidae) was misspelled as *V. "lucetia"* in Versions 1.0 & 2.0.

Yarrella argenteola (Phosichthyidae) was misspelled as "*Yarella argentiola"* in Tables 1, 2 & 9 in Version 2.0 ((and correctly spelled in Table 8).

Cololabis adoceta (Scomberesocidae) was misspelled as *C.* "*adocetus*" in Version 1 and Tables 1,2 & 9 in Version 2.0 (and correctly spelled in Table 7).

note: in Version 1.0, Grove et al. (2022) report "644 species of fishes, with 56 in Chondrichthyes and 576 bony fishes"; it should say "644 species of fishes, with 8 Myxiniformes, 61 Chondrichthyes and 575 bony fishes". The single cephalochordate was not included in 2022.

Taxonomic name changes

Poromitra crassiceps (Melamphaidae) in the TEP is changed to *P.* cf. *crassiceps* since Kotlyar (2024) defines *P. crassiceps* as an Atlantic species with a complex of sister species in other oceans. However, there are TEP mtDNA sequences identical to an Atlantic lineage listed as *P. crassiceps* (and there are additional widespread unnamed lineages within the complex).

Changes in resident or endemic status

Naso hexacanthus (Acanthuridae) is changed to resident from vagrant in Version 2.0 based on multiple recent records of individuals and groups of adults, at Seymour and Floreana (Bensted-Smith et al. 2025), as well as more recently at Wolf and Darwin (WBS at iNat). Fernando Rivera reports he observed 6 individuals at Floreana as far back as 2001. This widespread Indo-Pacific surgeonfish has been documented at Clipperton as multiple adults (Robertson & Allen 1997), is listed at Cocos Island (Cortés 2012, Fourriére et al. 2017), but with all listings tracing back to DRR's observation of three in 1997 (Robertson et. al. 2004), and observed and photographed at Guerrero and Oaxaca, Mexico by zoologist Ronald César Zepeta Vilchis (GBIF).

Atherinella nesiotes (Atherinopsidae) is corrected to endemic since the single record outside Galapagos, LACM 54500-8 (1) collected in 1937 by the R/V *Velero III* off Nayarit, Mexico, and listed in Fricke et al. (2024, p. 418), is not this species according to W.B. Ludt, Associate Curator at LACM (pers. comm.). The *A. nesiotes* from CAS 6039 has no collection date, only a note the ID was made by B. Chernoff in 1980. Otherwise there have been none collected in the past 60 years, since 1967, a concerning finding given the species is limited to the Galapagos.

Melichthys vidua (Balistidae) is changed to resident from vagrant in Version 2.0 based on the observation of a population of territorial adults at Islote Espejo, Marchena by WBS in February 2026.

Tylosurus fodiator (Belonidae) is changed back to resident from vagrant in Version 2.0 (it was resident in Version 1.0). A photograph from Gardner in iNat shows a school of large adults, consistent with a resident population.

Pseudonus acutus (Bythitidae) is changed to non-endemic, since there is a record from the Gulf of Panama identified by J. Nielsen in Denmark (NHMD 1559139).

Aluterus monoceros (Monacanthidae) is changed to resident from vagrant in Version 2.0 based on the reports of many individuals and schools in surveys by Rastoin-Laplane et al. (2023).

Opistognathus galapagensis (Opistognathidae) is corrected to non-endemic; the species was described by Allen & Robertson (1991) from specimens from both Galapagos and Costa Rica. Confusion was raised by McCosker's (1998) book review of Grove & Lavenburg (1997), where he mistakenly corrects the book's "*O. galapagensis* is not endemic... because it is known from other localities" followed with the phrase "but where?". Indeed, all three of McCosker's (1998) corrections to "endemic" are incorrect: *O. galapagensis*, *Quassiremus evionthas*, and *Symphurus diabolicus* (all are non-endemic).

Prionotus pictus Victor, 2025 (Triglidae), a newly described endemic species replaces the non-endemic *P. stephanophrys* (see above replacements section).

Other notes

Melanorhinus cyanellus (Atherinopsidae) is included in the list as a resident, however the collections in US museums are limited to a single specimen in LACM 45665 from the R/V *Velero III* surveys in 1932 and a pair in CAS 92296 from a nightlight off Isabela by the Templeton Crocker Expedition, also in 1932. These fish can be overlooked since they are small and share a bright silvery metallic color with the abundant juvenile mullets (Mugilidae) that can be collected with them. They may well prove to a very rare vagrant from continental waters if no other specimens are found.

Trachurus murphyi (Carangidae) is included in the lists: it was described from Peru and has very few records from the central equatorial region of the TEP, and some are from collections with poor provenance. However, USNM 236807 contains hundreds of individuals of *T. murphyi* collected off Fernandina by the R/V *Anton Bruun* expedition in 1966 (confirmed by photographs from USNM courtesy of Abigail Reft).

Carcharhinus melanopterus (Carcharinidae) is repeatedly reported from Galapagos, both as amateur observations and from photographs of sharks with some black on the tip of the dorsal fin (on observation.org and GBIF). However, *Carcharhinus limbatus* can show a limited area of black on the tip of the first dorsal fin and extending down as a streak along the rear margin of the fin, while *C. melanopterus* has a wider area of black on the dorsal fin, typically covering the distal third of the fin, underlined with a pale zone. *C. melanopterus* is widespread and common in the Indo-Pacific, but only recently has been recognized in the TEP. There is a published record of *C. melanopterus* at Cocos Island, as a juvenile in Wafer Bay, in López-Garro et al. (2012). Subsequently there has been regular observations and photographs of juveniles with extensive black areas on the dorsal fins in an apparent nursery area in the shallows in Wafer Bay (personal observation by author WBS). They have not been documented elsewhere in the region and the species is not included in the Galapagos species list.

Coryphaena equiselis and *C. hippurus* (Coryphaenidae) are moved from inshore pelagic to offshore pelagic,

Cyclopsetta querna (Cyclopsettidae) is not included in the lists despite a photograph of the distinctive giant larva taken at Kicker Rock in San Cristobal, reported by Alex Hearn. Victor (2024) reported on a large collection of pelagic fish larvae from an open ocean site about midway between the continent and Galapagos, with some evidence suggesting the larvae may originate from as distant as the Bay of Panama. Fish larvae are apparently transported towards the Galapagos in vast numbers and at a high speed, yet many species do not establish populations in the Archipelago. If they do succeed in settling and are observed rarely, they would qualify as vagrants. Accepting larvae as records would greatly distort species lists since dozens, even hundreds, of species of continental and catadromous freshwater fish larvae can be collected in plankton trawls in the region, including at the margins of the Galapagos EEZ (Victor 2024).

Dactylagnus mundus (Dactyloscopidae) has not been included in the lists but has been reported from the Galapagos based on a single record CAS 14204, from the *Zaca* expedition in 1932 (Grove & Lavenberg 1997). However the CAS catalog presently identifies the specimen as *Myxodagnus opercularis* (it should be noted that the Galapagos population of *Myxodagnus* should be considered the endemic *Myxodagnus sagitta* Myers & Wade, 1946). All subsequent Galapagos specimens of *Myxodagnus* in the CAS catalog are listed as *M. sagitta.*

Haemulon sexfasciatum (Haemulidae) is an episodic resident, it had been reported in early surveys, with a school photographed in 2002 (iNat), but has apparently not been observed underwater in Galapagos since then, until author IK recently photographed a single large adult within a school of *Anisotremus espinozai* at Bartolome. Prior unconfirmed observations may have followed from the misidentification of *Orthopristis cantharina* as *H. sexfasciatum* in guidebooks, by Constant (2007, p. 96) and Humann & DeLoach (1993, p. 57), the latter corrected in their second edition (Humann & DeLoach 2003, p. 65).

Stethojulis bandanensis (Labridae) is also an episodic resident which can arrive in large numbers during the ENSO months and then subsequently dwindle over years and become rare (Victor et al. 2001).

Asthenomacrurus fragilis (Macrouridae) is known from the Bay of Panama and off Colombia and a single station west of Galapagos at 00°02'S, 100°23'W, well beyond the Galapagos EEZ. The map in the FAO chapter in 1995 (Iwamoto & Schneider 1995, p. 1261) shifts the dot to 90° W, i.e. directly over the Galapagos. Notably, *A. fragilis* is not included in the list of macrourids of Galapagos in the more recent Iwamoto & McCosker (2001). Sources such as FishBase have followed the FAO chapter printing error and added Galapagos to the collection locations for the species. The species is quite likely to be found in Galapagos since it lies between the two sites, however, the record is not within the EEZ and we do not include the species in the list.

Nezumia orbitalis (Macrouridae) is known from Panama and Peru. Only one reference includes Galapagos, i.e. the map in the FAO chapter in 1995 (Iwamoto & Schneider 1995, p. 1265). However, *N. orbitalis* is not included in the list of macrourids of Galapagos in the more recent Iwamoto & McCosker (2001). The FAO chapter text says the range is "Panama and Peru", but the map shows only three dots: off Panama and centered on Galapagos and the third on the eastern edge of the Galapagos EEZ, with no dot off Peru. Since the species is not included in Iwamoto's Galapagos list from 2001, and there are no Galapagos records in any of the online collection databases, we believe the FAO map is another printing error, and thus do not include the species in the list.

Poromitra megalops (Melamphaidae) records in the TEP are *P. jucunda*, with the SIO record (SIO 05-154) apparently corresponding to the circle for *P. jucunda* at Galapagos in Fig. 30 in Kotlyar (2024).

Diaphus longleyi Fowler, 1934 (Myctophidae) (described from Philippines) is reported in SIO 71-351, however the validity of that species is questionable: the Catalog of Fishes considers it a synonym of *D. parri* Tåning, 1932 described from the western Pacific and widespread in the Indo-Pacific (Fricke et al. 2026), but so far not the eastern Pacific. It is not added to the list pending confirmation.

Encheliophis vermicularis (Ophidiidae: Carapinae) is listed for the Galapagos since a single adult was described from Tagus Cove under the name *Encheliophis jordani* Heller & Snodgrass, 1903 (they did not mention sea cucumbers). This species is a commensal of holothurians, and one would expect them to be collected from the millions of sea cucumbers that have been harvested from the Archipelago, none of which has apparently yielded a single specimen for any scientists. However, many have been collected in the lower Sea of Cortez, (several SIO collections), both from shallow sea cucumbers and from deep otter trawls (at 40 fathoms in SIO 65-294). Curiously, no vexillifer (pre-settlement) larva identified as this species (or genus) have ever been collected anywhere (Markle & Olney 1990), and they conclude that they must be included in larvae identified as *Carapus* (they propose for vexillifer larvae, the appropriate identification should be *Carapus*/*Encheliophus*). DNA should resolve the issue as TEP carapid larvae are sequenced; all of the barcoded larvae from Victor (2024) were *Echiodon exsilium.*

Echiodon exsilium (Ophidiidae: Carapinae) is a pearlfish which is free-living rather than commensal within the gut of sea cucumbers or inside other invertebrates. Almost all regional specimens are larvae collected in plankton tows: indeed, all but one of the 6 individuals (at CAS and SIO) are from towed nets. Three of the specimens are from the 1925 *Arcturus* expedition. A set of 12 larvae from 36–115 mm were captured in the larval collections over the Galapagos hydrothermal vents (Victor 2024). CAS 86743 is a benthic specimen collected by John McCosker at 468 m depth from the Johnson-Sea-Link submersible off Santa Cruz in 1995. Markle & Olney (1990) indicate both larval and adult specimens are from Galapagos (p. 350 & Fig. 70), but do not provide that provenance.

Bassozetus nasus Garman, 1899 (Ophidiidae) is the only species of the genus known from the TEP, with the holotype reported from off Colombia, near Malpelo Island. Cohen & Haedrich (1983) list *Bassozetus* as abundant in their reports of abyssal vent-associated fishes at the Galapagos hydrothermal vents, however no specimens of any *Bassozetus* have been collected or confirmed photographs taken within the EEZ and thus the species is not added to the list. Two putative species of *Bassozetus* sp. were photographed at 7° S, beyond the Galapagos EEZ (Drazen et al. 2019, Fig. 2). There is little doubt some species should be found in Galapagos waters, but the taxonomy needs additional collections and review to resolve its status.

Argyropelecus hemigymnus (Sternoptychidae) has not been included in the lists but has been reported from near Galapagos by GBIF based on LACM 4707, along with several other LACM records in the region, including 4 from the R/V *Velero* off Costa Rica and several more from far to the west. However, LACM metadata for all of those specimens list them as "sp." which is creatively interpreted by GBIF as a novel species "*Argyropelecus spec* Valenciennes, 1849", a name that does not exist, and GBIF adds that it is a "synonym of *A. hemigymnus*" —which it is not. In fact, there are apparently no real records of the anti-tropical *A. hemigymnus* in the eastern Pacific, raising an issue for the isolated specimen CAS 46714, listed as *A. hemigymnus* in their catalog. It was collected south of Cocos by the R/V *Arcturus* 1925 expedition. In Beebe's (1926) book of the Arcturus Expedition, there is a color engraving of "*Aryropelecus*" as Fig. A; and on p. 347 it indicates the hatchetfish had been collected at the same location and day as CAS 46714. The illustrated specimen is not *A. hemigymnus*, which has prominent gaps in the ventral line of photophores; in contrast, it has a continuous ventral line more consistent with *A. sladeni* or *A. olfersii*. Of the 7 valid species listed in Fricke et al. (2026), 6 are considered circumglobal and *A. lychnus* is endemic to the eastern Pacific from California to Chile. Love et al. (2021) list only 5 in the region (not including *A. olfersii* or *A. gigas*). Records of *A. gigas* are solely temperate in the eastern Pacific. Our list includes *A. olfersii* based on numerous museum specimens.

Aristostomias xenostoma (Stomiidae) is not in the list, although there is a single record in the Denmark museum, NHMD 1479313, from the R/V *Dana II* 1928 expedition, putatively from within the Costa Rican EEZ off Cocos Island (2.9°, -87.6°). However, no other *Aristostomias* have been recorded nearer Galapagos, or indeed in a broad band of the equatorial eastern Pacific Ocean south of Mexican waters. The metadata for the record does not indicate the source of the identification.

Introduced freshwater fishes (not included in list)

Oreochromis niloticus (Nile Tilapia) were illegally introduced into Laguna El Junco on San Cristóbal Island in 2005. Subsequently, Nico & Walsh (2011) report on the eradication of the population using rotenone in 2008, with tens of thousands of Tilapia removed from the lake.

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TABLE B

List of Fishes removed/not accepted from the Galapagos species list

Simple taxonomic name changes not included (version number indicated)

Species	Family	Version	Species	Family	Version
Alopias vulpinus	Alopiidae	2.0	*Remora australis*	Echeneidae	2.0
Carcharhinus melanopterus	Carcharhinidae	3.0	*Cypselurus angusticeps*	Exocoetidae	2.0
Sphyrna mokarran	Sphyrnidae	2.0	*Hirundichthys rondeletii*	Exocoetidae	2.0
Sphyrna tiburo	Sphyrnidae	2.0	*Parexocoetus brachypterus*	Exocoetidae	2.0
Myliobatis longirostris	Myliobatidae	2.0	*Prognichthys sealei*	Exocoetidae	2.0
Chimaera sp.	Chimaeridae	2.0	*Prognichthys tringa*	Exocoetidae	2.0
Bathycongrus sp.	Congridae	2.0	*Ekemblemaria* sp.	Chaenopsidae	2.0
Chiloconger dentatus	Congridae	2.0	*Dactylagnus mundus*	Dactyloscopidae	3.0
Gnathophis cinctus	Congridae	2.0	*Cookeolus japonicus*	Priacanthidae	2.0
Japonoconger n. sp.	Congridae	2.0	*Priacanthus* sp.	Priacanthidae	2.0
Bathytroctes microlepis	Alepocephalidae	3.0	*Cilus gilberti*	Sciaenidae	2.0
Argyropelecus hemigymnus	Sternoptychidae	3.0	*Cynoscion phoxocephalus*	Sciaenidae	2.0
Aristostomias xenostoma	Stomiidae	3.0	*Mycteroperca xenarcha*	Epinephelidae	2.0
Astronesthes martensii	Stomiidae	2.0	*Diplectrum euryplectrum*	Serranidae	2.0
Stomias boa	Stomiidae	2.0	*Diplectrum macropoma*	Serranidae	2.0
Diaphus longleyi	Myctophidae	3.0	*Diplectrum maximum*	Serranidae	2.0
Bregmaceros macclellandi	Bregmacerotidae	2.0	*Diplectrum pacificum*	Serranidae	2.0
Merluccius gayi	Merlucciidae	2.0	*Paralabrax humeralis*	Serranidae	2.0
Asthenomacrurus fragilis	Macrouridae	3.0	*Halichoeres melanotis*	Labridae	3.0
Nezumia orbitalis	Macrouridae	3.0	*Peristedion barbiger*	Triglidae	2.0
Poromitra megalops	Melamphaidae	3.0	*Prionotus stephanophrys*	Triglidae	3.0
Bassozetus nasus	Ophidiidae	3.0	*Pontinus* sp. A	Scorpaenidae	2.0
Carapus mourlani	Ophidiidae	3.0	*Pontinus* sp. B	Scorpaenidae	2.0
Ogilbia ventralis	Dinematichthyidae	2.0	*Pontinus* sp. C	Scorpaenidae	2.0
Porichthys margaritatus	Batrachoididae	2.0	*Pontinus strigatus*	Scorpaenidae	2.0
Thunnus alalunga	Scombridae	2.0	*Pontinus vaughani*	Scorpaenidae	2.0
Bollmannia macropoma	Gobiidae	2.0	*Abantennarius coccineus*	Antennariidae	2.0
Sphyraena helleri	Sphyraenidae	2.0	*Mola mola*	Molidae	2.0
Cyclopsetta querna	Cyclopsettidae	3.0	*Ranzania laevis*	Molidae	2.0
Nematistius pectoralis	Nematistiidae	2.0	*Diodon eydouxii*	Diodontidae	3.0

TABLE 1 (p. 1)

Fishes of the Galapagos Archipelago
(719 spp. in taxonomic order)

Species	Family	Resident Vagrant Endemic
Branchiostomus elongatus	Branchiostomatidae	R
Eptatretus goslinei	Myxinidae	RE
Eptatretus grouseri	Myxinidae	RE
Eptatretus mccoskeri	Myxinidae	RE
Eptatretus bobwisneri	Myxinidae	RE
Myxine greggi	Myxinidae	RE
Myxine martinii	Myxinidae	RE
Myxine phantasma	Myxinidae	RE
Rubicundus lakeside	Myxinidae	RE
Hexanchus griseus	Hexanchidae	R
Notorynchus cepedianus	Hexanchidae	R
Heterodontus quoyi	Heterodontidae	R
Rhincodon typus	Rhincodontidae	R
Odontaspis ferox	Odontaspididae	R
Alopias pelagicus	Alopiidae	R
Alopias superciliosus	Alopiidae	R
Carcharodon carcharias	Lamnidae	V
Isurus oxyrinchus	Lamnidae	R
Bythaelurus giddingsi	Scyliorhinidae	RE
Galeus n. sp.	Scyliorhinidae	RE
Apristurus kampae	Pentanchidae	R
Apristurus n. sp.	Pentanchidae	RE
Mustelus albipinnis	Triakidae	R
Mustelus mento	Triakidae	R
Triakis maculata	Triakidae	R
Carcharhinus albimarginatus	Carcharhinidae	R
Carcharhinus altimus	Carcharhinidae	R
Carcharhinus amblyrhynchos	Carcharhinidae	V
Carcharhinus falciformis	Carcharhinidae	R
Carcharhinus galapagensis	Carcharhinidae	R
Carcharhinus limbatus	Carcharhinidae	R
Carcharhinus longimanus	Carcharhinidae	R
Nasolamia velox	Carcharhinidae	R
Prionace glauca	Carcharhinidae	R
Triaenodon obesus	Carcharhinidae	R
Galeocerdo cuvier	Galeocerdonidae	R
Sphyrna lewini	Sphyrnidae	R
Sphyrna zygaena	Sphyrnidae	R
Isistius brasiliensis	Dalatiidae	R
Centroscyllium nigrum	Etmopteridae	R
Centrophorus squamosus	Centrophoridae	R
Echinorhinus cookei	Echinorhinidae	R
Tetronarce tremens	Torpedinidae	R
Pseudobatos planiceps	Rhinobatidae	R
Rajella eisenhardti	Rajidae	RE
Rostroraja velezi	Rajidae	R
Bathyraja abyssicola	Arhynchobatidae	R
Bathyraja peruana	Arhynchobatidae	R
Bathyraja richardsoni	Arhynchobatidae	R
Bathyraja spinosissima	Arhynchobatidae	R
Gurgesiella furvescens	Gurgesiellidae	R
Hypanus dipterurus	Dasyatidae	R
Hypanus longus	Dasyatidae	R
Pteroplatytrygon violacea	Dasyatidae	R
Taeniurops meyeni	Dasyatidae	R
Styracura pacifica	Potamotrygonidae	R
Aetobatus ocellatus	Aetobatidae	R
Aetomylaeus asperrimus	Myliobatidae	V
Myliobatis peruviana	Myliobatidae	R
Rhinoptera steindachneri	Rhinopteridae	R
Mobula birostris	Mobulidae	R
Mobula mobular	Mobulidae	R
Mobula munkiana	Mobulidae	R
Mobula tarapacana	Mobulidae	R
Mobula thurstoni	Mobulidae	R
Hydrolagus alphus	Chimaeridae	RE
Hydrolagus mccoskeri	Chimaeridae	RE
Hydrolagus melanophasma	Chimaeridae	R
Hydrolagus n. sp.	Chimaeridae	RE
Elops affinis	Elopidae	V
Albula esuncula	Albulidae	V
Halosaurus attenuatus	Halosauridae	R
Notacanthus spinosus	Notacanthidae	R
Ilyophis arx	Synaphobranchidae	R
Ilyophis brunneus	Synaphobranchidae	R
Myroconger nigrodentatus	Myrocongridae	R
Anarchias galapagensis	Muraenidae	R
Echidna nebulosa	Muraenidae	R
Echidna nocturna	Muraenidae	R
Enchelycore lichenosa	Muraenidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Enchelycore octaviana	Muraenidae	R
Gymnomuraena zebra	Muraenidae	R
Gymnothorax angusticeps	Muraenidae	R
Gymnothorax buroensis	Muraenidae	V
Gymnothorax castaneus	Muraenidae	R
Gymnothorax dovii	Muraenidae	R
Gymnothorax flavimarginatus	Muraenidae	V
Gymnothorax javanicus	Muraenidae	V
Gymnothorax meleagris	Muraenidae	V
Gymnothorax panamensis	Muraenidae	R
Gymnothorax pictus	Muraenidae	V
Gymnothorax porphyreus	Muraenidae	V
Gymnothorax undulatus	Muraenidae	V
Muraena argus	Muraenidae	R
Muraena clepsydra	Muraenidae	R
Muraena lentiginosa	Muraenidae	R
Scuticaria tigrina	Muraenidae	V
Uropterygius macrocephalus	Muraenidae	R
Uropterygius polystictus	Muraenidae	R
Uropterygius versutus	Muraenidae	R
Chlopsis bicollaris	Chlopsidae	R
Apterichtus equatorialis	Ophichthidae	R
Bascanichthys bascanoides	Ophichthidae	R
Callechelys galapagensis	Ophichthidae	RE
Herpetoichthys fossatus	Ophichthidae	R
Ichthyapus selachops	Ophichthidae	R
Myrichthys xysturus	Ophichthidae	R
Ophichthus arneutes	Ophichthidae	RE
Ophichthus rugifer	Ophichthidae	R
Paraletharchus opercularis	Ophichthidae	R
Phaenomonas pinnata	Ophichthidae	R
Quassiremus evionthas	Ophichthidae	R
Scytalichthys miurus	Ophichthidae	V
Facciolella equatorialis	Nettastomatidae	R
Ariosoma gilberti	Congridae	R
Bathycongrus varidens	Congridae	R
Heteroconger klausewitzi	Congridae	R
Japonoconger proriger	Congridae	R
Paraconger californiensis	Congridae	R
Paraconger similis	Congridae	R
Xenomystax atrarius	Congridae	R
Avocettina infans	**Nemichthyidae**	**R**
Nemichthys scolopaceus	Nemichthyidae	R
Serrivomer sector	Serrivomeridae	R
Anguilla marmorata	Anguillidae	R
Anchoa argentivittata	Engraulidae	R
Anchoa ischana	Engraulidae	R
Cetengraulis mysticetus	Engraulidae	V
Engraulis ringens	Engraulidae	R
Harengula thrissina	Clupeidae	R
Lile stolifera	Clupeidae	R
Opisthonema berlangai	Clupeidae	RE
Opisthonema libertate	Clupeidae	R
Etrumeus acuminatus	Dussumieriidae	R
Sardinops sagax	Alosidae	R
Bathytroctes ***macrolepis***	Alepocephalidae	R
Einara macrolepis	Alepocephalidae	R
Narcetes erimelas	Alepocephalidae	R
Photostylus pycnopterus	Alepocephalidae	R
Holtbyrnia latifrons	Platytroctidae	R
Maulisia isaacsi	Platytroctidae	R
Platytroctes apus	Platytroctidae	R
Sagamichthys abei	**Platytroctidae**	**R**
Chanos chanos	Chanidae	R
Argentina aliceae	Argentinidae	R
Bathylagoides nigrigenys	Bathylagidae	R
Bathylagus wesethi	**Bathylagidae**	**R**
Leuroglossus ***stilbius***	Bathylagidae	R
Bathylychnops **sp.**	**Opisthoproctidae**	**R**
Dolichopteryx pseudolongipes	Opisthoproctidae	R
Cyclothone acclinidens	Gonostomatidae	R
Cyclothone alba	Gonostomatidae	R
Cyclothone atraria	Gonostomatidae	R
Cyclothone braueri	**Gonostomatidae**	**R**
Cyclothone microdon	**Gonostomatidae**	**R**
Cyclothone obscura	Gonostomatidae	R
Cyclothone pallida	Gonostomatidae	R
Cyclothone pseudopallida	**Gonostomatidae**	**R**
Cyclothone signata	Gonostomatidae	R
Diplophos proximus	Gonostomatidae	R

TABLE 1 (p. 3)

Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Sigmops elongatus	**Gonostomatidae**	**R**
Argyropelecus aculeatus	Sternoptychidae	R
Argyropelecus affinis	Sternoptychidae	R
Argyropelecus lychnus	Sternoptychidae	R
Argyropelecus olfersii	Sternoptychidae	R
Argyropelecus sladeni	Sternoptychidae	R
Danaphos oculatus	**Sternoptychidae**	**R**
Maurolicus australis	Sternoptychidae	R
Sternoptyx diaphana	Sternoptychidae	R
Sternoptyx obscura	Sternoptychidae	R
Sternoptyx pseudobscura	Sternoptychidae	R
Valencienellus tripunctulatus	Sternoptychidae	R
Ichthyococcus irregularis	Phosichthyidae	R
Vinciguerria ***lucetius***	Phosichthyidae	R
Vinciguerria nimbaria	**Phosichthyidae**	**R**
Vinciguerria poweriae	Phosichthyidae	R
Yarrella argenteola	Phosichthyidae	R
Astronesthes cyanea	Stomiidae	R
Astronesthes galapagensis	Stomiidae	R
Astronesthes gibbsi	Stomiidae	R
Astronesthes indica	Stomiidae	R
Astronesthes lampara	Stomiidae	R
Bathophilus filifer	Stomiidae	R
Borostomias elucens	Stomiidae	R
Borostomias panamensis	Stomiidae	R
Chauliodus barbatus	Stomiidae	R
Chauliodus sloani	Stomiidae	R
Idiacanthus antrostomus	Stomiidae	R
Malacosteus niger	Stomiidae	R
Photonectes margarita	**Stomiidae**	**R**
Stomias atriventer	Stomiidae	R
Stomias colubrinus	Stomiidae	R
Stomias danae	**Stomiidae**	**R**
Thysanactis dentex	**Stomiidae**	**R**
Guentherus altivela	Ateleopodidae	R
Aulopus chirichignoae	Aulopidae	R
Chlorophthalmus mento	Chlorophthalmidae	R
Bathypterois atricolor	Ipnopidae	R
Bathypterois pectinatus	Ipnopidae	R
Ipnops agassizii	Ipnopidae	R
Rosenblattichthys volucris	Scopelarchidae	R
Scopelarchoides nicholsi	Scopelarchidae	R
Scopelarchus guentheri	Scopelarchidae	R
Scopelosaurus harryi	**Notosudidae**	**R**
Scopelosaurus hubbsi	Notosudidae	R
Synodus lacertinus	Synodontidae	R
Synodus scituliceps	Synodontidae	R
Synodus sechurae	Synodontidae	R
Lestidiops ***pacificus***	Paralepididae	R
Lestidium bigelowi	**Paralepididae**	**R**
Stemonosudis macrura	Paralepididae	R
Evermannella ahlstromi	Evermannellidae	R
Scopelengys tristis	Neoscopelidae	R
Bolinichthys longipes	Myctophidae	R
Centrobranchus andreae	**Myctophidae**	**R**
Centrobranchus nigroocellatus	Myctophidae	R
Dasyscopelus asper	**Myctophidae**	**R**
Diaphus fulgens	**Myctophidae**	**R**
Diaphus mollis	**Myctophidae**	**R**
Diaphus pacificus	Myctophidae	R
Diaphus parri	**Myctophidae**	**R**
Diaphus ***rafinesquii***	Myctophidae	R
Diaphus termophilus	Myctophidae	R
Diaphus theta	Myctophidae	R
Diogenichthys laternatus	Myctophidae	R
Gonichthys tenuiculus	Myctophidae	R
Gonichthys venetus	Myctophidae	R
Hygophum ***reinhardtii***	Myctophidae	R
Lampadena luminosa	Myctophidae	R
Lampanyctus crypticus	**Myctophidae**	**R**
Lampanyctus hubbsi	Myctophidae	R
Lampanyctus idostigma	Myctophidae	R
Lampanyctus macropterus	Myctophidae	R
Lampanyctus nobilis	**Myctophidae**	**R**
Lampanyctus omostigma	Myctophidae	R
Lampanyctus parvicauda	Myctophidae	R
Lampanyctus ritteri	Myctophidae	R
Lampanyctus tenuiformis	Myctophidae	R
Loweina rara	Myctophidae	R
Myctophum affine	Myctophidae	R

Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Myctophum aurolaternatum	Myctophidae	R
Myctophum brachygnathum	Myctophidae	R
Myctophum nitidulum	Myctophidae	R
Notolychnus valdiviae	Myctophidae	R
Notoscopelus elongatus	Myctophidae	R
Notoscopelus resplendens	Myctophidae	R
***Protomyctophum* sp.**	**Myctophidae**	**R**
Symbolophorus evermanni	Myctophidae	R
Symbolophorus reversus	Myctophidae	R
Triphoturus mexicanus	Myctophidae	R
Triphoturus nigricans	**Myctophidae**	**R**
Triphoturus ***oculeus***	Myctophidae	R
Desmodema polystictum	Trachipteridae	R
Zu cristatus	Trachipteridae	R
Regalecus russellii	Regalacidae	R
Stylephorus chordatus	Stylephoridae	R
Bregmaceros bathymaster	Bregmacerotidae	V
Trachyrincus helolepis	Trachyrincidae	R
Antimora rostrata	Moridae	R
Gadella filifer	Moridae	R
Gadella thysthlon	Moridae	RE
Laemonema gracillipes	Moridae	R
Physiculus nematopus	Moridae	R
Coelorinchus canus	Macrouridae	R
Coryphaenoides anguliceps	Macrouridae	R
Coryphaenoides armatus	Macrouridae	R
Coryphaenoides boops	Macrouridae	R
Coryphaenoides bucephalus	Macrouridae	R
Coryphaenoides bulbiceps	Macrouridae	R
Coryphaenoides delsolari	Macrouridae	R
Coryphaenoides gypsochilus	Macrouridae	RE
Coryphaenoides myersi	Macrouridae	RE
Mataeocephalus tenuicauda	Macrouridae	R
Nezumia convergens	Macrouridae	R
Nezumia loricata	Macrouridae	RE
Nezumia parini	**Macrouridae**	**R**
Nezumia stelgidolepis	Macrouridae	R
Nezumia ventralis	Macrouridae	RE
Melamphaes *laeviceps*	Melamphaidae	R
Melamphaes *spinifer*	Melamphaidae	R
Poromitra **cf.** *crassiceps*	Melamphaidae	R
Poromitra frontosa	Melamphaidae	R
Poromitra jucunda	Melamphaidae	R
Poromitra nigrofulva	Melamphaidae	R
Poromitra oscitans	Melamphaidae	R
Scopeloberyx opisthopterus	Melamphaidae	R
Scopeloberyx robustus	Melamphaidae	R
Scopelogadus bispinosus	Melamphaidae	R
Rondeletia loricata	Rondeletiidae	R
Cetomimus gillii	Cetomimidae	R
Hoplostethus pacificus	Trachichthyidae	RE
Anoplogaster cornuta	Anoplogastridae	R
Myripristis berndti	Holocentridae	R
Myripristis leiognathus	Holocentridae	R
Neoniphon suborbitalis	Holocentridae	R
Bathyonus caudalis	Ophidiidae	R
Brotula ordwayi	Ophidiidae	R
Dicrolene nigra	Ophidiidae	R
Echiodon exsilium	Ophidiidae	R
Encheliophis vermicularis	Ophidiidae	R
Eretmichthys pinnatus	Ophidiidae	R
Lamprogrammus niger	Ophidiidae	R
Lepophidium pardale	Ophidiidae	R
Monomitopus malispinosus	Ophidiidae	R
Monomitopus torvus	Ophidiidae	R
Ophidion galapagensis	Ophidiidae	R
Otophidium indefatigabile	Ophidiidae	R
Porogadus promelas	**Ophidiidae**	**R**
Spectrunculus crassus	**Ophidiidae**	**R**
Bellottia sp.	Bythitidae	R
Calamopteryx jeb	Bythitidae	RE
Cataetyx rubirostris	Bythitidae	R
Cataetyx simus	Bythitidae	R
Diplacanthopoma jordani	Bythitidae	R
Grammonus diagrammus	Bythitidae	R
Lucifuga inopinata	Bythitidae	RE
Petrotyx hopkinsi	Bythitidae	R
Pseudonus acutus	Bythitidae	**R**
Thermichthys hollisi	**Bythitidae**	**RE**
Ogilbia deroyi	Dinematichthyidae	RE

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Ogilbia galapagosensis	Dinematichthyidae	RE
Seriolella violacea	Centrolophidae	R
Cubiceps baxteri	**Nomeidae**	**R**
Cubiceps pauciradiatus	Nomeidae	R
Nomeus gronovii	Nomeidae	R
Psenes arafurensis	Nomeidae	R
Psenes cyanophrys	Nomeidae	R
Psenes pellucidus	Nomeidae	R
Psenes sio	Nomeidae	R
Tetragonurus atlanticus	Tetragonuridae	R
Peprilus medius	Stromateidae	R
Chiasmodon niger	Chiasmodontidae	R
Chiasmodon subniger	Chiasmodontidae	R
Acanthocybium solandri	Scombridae	R
Auxis rochei	Scombridae	R
Auxis thazard	Scombridae	R
Euthynnus lineatus	Scombridae	R
Katsuwonus pelamis	Scombridae	R
Sarda orientalis	Scombridae	R
Scomber japonicus	Scombridae	R
Scomberomorus sierra	Scombridae	R
Thunnus albacares	Scombridae	R
Thunnus obesus	Scombridae	R
Paracaristius sp.	Caristiidae	R
Brama dussumieri	Bramidae	R
Brama japonica	**Bramidae**	**V**
Taractes rubescens	Bramidae	R
Gempylus serpens	Gempylidae	R
Lepidocybium flavobrunneum	Gempylidae	R
Nealotus tripes	Gempylidae	R
Ruvettus pretiosus	Gempylidae	R
Aphanopus capricornis	Trichiuridae	R
Benthodesmus tenuis	Trichiuridae	R
Lepidopus manis	Trichiuridae	R
Trichiurus nitens	Trichiuridae	R
Mulloidichthys dentatus	Mullidae	R
Pseudupeneus grandisquamis	Mullidae	R
Synchiropus atrilabiatus	Callionymidae	R
Aulostomus chinensis	Aulostomidae	R
Fistularia commersonii	Fistulariidae	R
Fistularia corneta	Fistulariidae	V
Bryx veleronis	Syngnathidae	R
Cosmocampus coccineus	Syngnathidae	R
Doryrhamphus melanopleura	Syngnathidae	R
Hippocampus ingens	Syngnathidae	R
Apogon atradorsatus	Apogonidae	R
Apogon dovii	Apogonidae	R
Apogon pacificus	Apogonidae	R
Dormitator latifrons	Eleotridae	V
Eleotris picta	Eleotridae	V
Gobiomorus maculatus	Eleotridae	V
Bathygobius lineatus	Gobiidae	R
Chriolepis tagus	Gobiidae	RE
Clarkichthys bilineatus	Gobiidae	R
Coryphopterus urospilus	Gobiidae	R
Eleotrica cableae	Gobiidae	RE
Evorthodus minutus	Gobiidae	V
Lythrypnus gilberti	Gobiidae	RE
Lythrypnus rhizophora	Gobiidae	R
Microdesmus dipus	Gobiidae	V
Schindleria praematura	Gobiidae	R
Tigrigobius nesiotes	Gobiidae	R
Centropomus viridis	Centropomidae	R
Sphyraena barracuda	Sphyraenidae	V
Sphyraena idiastes	Sphyraenidae	R
Sphyraena stellata	Sphyraenidae	R
Polydactylus approximans	Polynemidae	V
Citharichthys darwini	Cyclopsettidae	RE
Citharichthys gnathus	Cyclopsettidae	R
Syacium latifrons	Cyclopsettidae	V
Syacium maculiferum	Cyclopsettidae	V
Bothus leopardinus	Bothidae	R
Bothus mancus	Bothidae	R
Monolene maculipinna	Bothidae	V
Hippoglossina bollmani	Paralichthyidae	R
Paralichthys woolmani	Paralichthyidae	R
Trinectes fonsecensis	Achiridae	V
Aseraggodes herrei	Soleidae	R
Symphurus atramentatus	Cynoglossidae	R
Symphurus diabolicus	Cynoglossidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Symphurus varius	Cynoglossidae	R
Xiphias gladius	Xiphiidae	R
Istiompax indica	Istiophoridae	R
Istiophorus platypterus	Istiophoridae	R
Kajikia audax	Istiophoridae	R
Makaira nigricans	Istiophoridae	R
Tetrapturus angustirostris	Istiophoridae	R
Alectis ciliaris	Carangidae	R
Caranx caballus	Carangidae	R
Caranx caninus	Carangidae	R
Caranx ignobilis	Carangidae	V
Caranx lugubris	Carangidae	R
Caranx melampygus	Carangidae	R
Caranx sexfasciatus	Carangidae	R
Decapterus macarellus	Carangidae	R
Decapterus macrosoma	Carangidae	R
Decapterus muroadsi	Carangidae	R
Elagatis bipinnulata	Carangidae	R
Euprepocaranx dorsalis	Carangidae	V
Ferdauia orthogrammus	Carangidae	V
Gnathanodon speciosus	Carangidae	V
Naucrates ductor	Carangidae	R
Oligoplites inornatus	Carangidae	R
Selar crumenophthalmus	Carangidae	R
Selene peruviana	Carangidae	R
Seriola lalandi	Carangidae	R
Seriola peruana	Carangidae	R
Seriola ***rivoliana***	Carangidae	R
Trachinotus kennedyi	Carangidae	V
Trachinotus paitensis	Carangidae	R
Trachinotus rhodopus	Carangidae	R
Trachinotus stilbe	Carangidae	R
Trachurus murphyi	Carangidae	R
Uraspis helvola	Carangidae	R
Echeneis naucrates	Echeneidae	R
Phtheirichthys lineatus	Echeneidae	R
Remora albescens	Echeneidae	R
Remora brachyptera	Echeneidae	R
Remora osteochir	Echeneidae	R
Remora remora	Echeneidae	R
Coryphaena equiselis	Coryphaenidae	R
Coryphaena hippurus	Coryphaenidae	R
Opistognathus galapagensis	Opistognathidae	**R**
Abudefduf concolor	Pomacentridae	R
Abudefduf troschelii	Pomacentridae	R
Azurina atrilobata	Pomacentridae	R
Azurina eupalama	Pomacentridae	RE
Azurina intercrusma	Pomacentridae	V
Chromis alta	Pomacentridae	R
Microspathodon bairdii	Pomacentridae	R
Microspathodon dorsalis	Pomacentridae	R
Nexilosus latifrons	Pomacentridae	R
Stegastes acapulcoensis	Pomacentridae	R
Stegastes arcifrons	Pomacentridae	R
Stegastes beebei	Pomacentridae	R
Stegastes flavilatus	Pomacentridae	R
Atherinella nesiotes	Atherinopsidae	**RE**
Melanorhinus cyanellus	Atherinopsidae	R
Cololabis ***adoceta***	Scomberesocidae	R
Scomberesox scombroides	**Scomberesocidae**	**R**
Ablennes hians	Belonidae	R
Platybelone argalus pterura	Belonidae	R
Strongylura exilis	Belonidae	R
Tylosurus fodiator	Belonidae	**R**
Tylosurus pacificus	Belonidae	V
Euleptorhamphus viridis	Hemiramphidae	R
Hemiramphus saltator	Hemiramphidae	R
Hyporhamphus gilli	Hemiramphidae	V
Hyporhamphus naos	Hemiramphidae	R
Oxyporhamphus micropterus	Hemiramphidae	R
Cheilopogon atrisignis	Exocoetidae	R
Cheilopogon dorsomacula	Exocoetidae	R
Cheilopogon furcatus	**Exocoetidae**	**R**
Cheilopogon spilonotopterus	Exocoetidae	R
Cheilopogon xenopterus	Exocoetidae	R
Cypselurus callopterus	Exocoetidae	R
Exocoetus monocirrhus	Exocoetidae	R
Exocoetus volitans	Exocoetidae	R
Fodiator rostratus	Exocoetidae	R
Hirundichthys marginatus	Exocoetidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Hirundichthys speculiger	Exocoetidae	R
Chaenomugil proboscideus	Mugilidae	R
Dajaus monticola	Mugilidae	R
Mugil galapagensis	Mugilidae	RE
Mugil thoburni	Mugilidae	RE
Arcos poecilophthalmos	Gobiesocidae	R
Tomicodon chilensis	Gobiesocidae	R
Tomicodon petersii	Gobiesocidae	R
Lepidonectes corallicola	Tripterygiidae	RE
Cottoclinus canops	Labrisomidae	RE
Dialommus fuscus	Labrisomidae	R
Gobioclinus dendriticus	Labrisomidae	R
Labrisomus jenkinsi	Labrisomidae	RE
Labrisomus multiporosus	Labrisomidae	R
Malacoctenus tetranemus	Labrisomidae	R
Malacoctenus zonogaster	Labrisomidae	RE
Starksia galapagensis	Labrisomidae	RE
Acanthemblemaria castroi	Chaenopsidae	RE
Chaenopsis schmitti	Chaenopsidae	RE
Dactyloscopus lacteus	Dactyloscopidae	RE
Gillellus semicinctus	Dactyloscopidae	R
Myxodagnus sagitta	Dactyloscopidae	RE
Platygillellus rubellulus	Dactyloscopidae	RE
Entomacrodus chiostictus	Blenniidae	R
Hypsoblennius brevipinnis	Blenniidae	R
Ophioblennius steindachneri	Blenniidae	R
Plagiotremus azaleus	Blenniidae	R
Scartichthys gigas	Blenniidae	V
Hemilutjanus macrophthalmos	Malakichthyidae	R
Heteropriacanthus carolinus	Priacanthidae	R
Pristigenys serrula	Priacanthidae	R
Malacanthus brevirostris	Malacanthidae	R
Caulolatilus affinis	Latilidae	R
Caulolatilus princeps	Latilidae	R
Hoplopagrus guentherii	Lutjanidae	R
Lutjanus aratus	Lutjanidae	R
Lutjanus argentiventris	Lutjanidae	R
Lutjanus colorado	Lutjanidae	V
Lutjanus guttatus	Lutjanidae	R
Lutjanus inermis	Lutjanidae	R
Lutjanus jordani	Lutjanidae	R
Lutjanus novemfasciatus	Lutjanidae	R
Lutjanus viridis	Lutjanidae	R
Pristipomoides zonatus	Lutjanidae	V
Diapterus brevirostris	Gerreidae	R
Eucinostomus currani	Gerreidae	R
Eucinostomus dowii	Gerreidae	R
Eucinostomus gracilis	Gerreidae	R
Eugerres lineatus	Gerreidae	R
Gerres simillimus	Gerreidae	R
Anisotremus espinozai	Haemulidae	R
Anisotremus scapularis	Haemulidae	R
Brachygenys jessiae	Haemulidae	RE
Haemulon maculicauda	Haemulidae	R
Haemulon scudderii	Haemulidae	R
Haemulon sexfasciatum	Haemulidae	R
Microlepidotus lethopristis	Haemulidae	RE
Orthopristis ***cantharina***	Haemulidae	R
Orthopristis chalcea	Haemulidae	R
Orthopristis forbesi	Haemulidae	RE
Rhencus macracanthus	Haemulidae	V
Xenichthys agassizii	Haemulidae	RE
Xenichthys xanti	Haemulidae	V
Archosargus pourtalesii	Sparidae	RE
Calamus brachysomus	Sparidae	R
Calamus taurinus	Sparidae	RE
Corvula macrops	Sciaenidae	R
Larimus pacificus	Sciaenidae	V
Odontoscion eurymesops	Sciaenidae	R
Pareques perissa	Sciaenidae	RE
Umbrina galapagorum	Sciaenidae	RE
Alphestes immaculatus	Epinephelidae	R
Cephalopholis colonus	Epinephelidae	R
Cephalopholis panamensis	Epinephelidae	R
Dermatolepis dermatolepis	Epinephelidae	R
Epinephelus analogus	Epinephelidae	V
Epinephelus labriformis	Epinephelidae	R
Epinephelus quinquefasciatus	**Epinephelidae**	**V**
Hyporthodus cifuentesi	Epinephelidae	R
Hyporthodus mystacinus	Epinephelidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Hyporthodus niphobles	Epinephelidae	R
Mycteroperca olfax	Epinephelidae	R
Pseudogramma thaumasia	Grammistidae	R
Rypticus bicolor	Grammistidae	R
Rypticus nigripinnis	Grammistidae	R
Liopropoma fasciatum	Liopropomatidae	R
Liopropoma longilepis	Liopropomatidae	R
Cratinus agassizii	Serranidae	R
Diplectrum eumelum	Serranidae	V
Diplectrum rostrum	Serranidae	R
Paralabrax albomaculatus	Serranidae	RE
Serranus aequidens	Serranidae	R
Serranus psittacinus	Serranidae	R
Serranus stilbostigma	Serranidae	RE
Anthias noeli	Anthiadidae	R
Hemanthias peruanus	Anthiadidae	V
Pronotogrammus multifasciatus	Anthiadidae	R
Bodianus darwini	Labridae	R
Bodianus diplotaenia	Labridae	R
Bodianus eclancheri	Labridae	R
Calotomus carolinus	Labridae-Scarinae	V
Decodon melasma	Labridae	R
Halichoeres adustus	Labridae	V
Halichoeres chierchiae	Labridae	R
Halichoeres dispilus	Labridae	R
Halichoeres ***malpelo***	**Labridae**	**R**
Halichoeres nicholsi	Labridae	R
Halichoeres notospilus	Labridae	R
Iniistius pavo	Labridae	R
Nicholsina denticulata	Labridae-Scarinae	R
Novaculichthys taeniourus	Labridae	R
Sagittalarva inornata	Labridae	R
Scarus compressus	Labridae-Scarinae	R
Scarus ghobban	Labridae-Scarinae	R
Scarus perrico	Labridae-Scarinae	R
Scarus rubroviolaceus	Labridae-Scarinae	R
Stethojulis bandanensis	Labridae	R
Thalassoma grammaticum	Labridae	R
Thalassoma lucasanum	Labridae	R
Thalassoma purpureum	Labridae	R
Xyrichtys victori	Labridae	R
Lycodapus australis	Zoarcidae	R
Melanostigma bathium	Zoarcidae	R
Pachycara rimae	**Zoarcidae**	**RE**
Thermarces cerberus	Zoarcidae	R
Ammodytoides gilli	Ammodytidae	R
Kathetostoma averruncus	Uranoscopidae	V
Bellator farrago	Triglidae	R
Peristedion crustosum	Triglidae	R
Prionotus miles	Triglidae	RE
Prionotus pictus	**Triglidae**	**RE**
Ectreposebastes imus	Scorpaenidae	R
Idiastion hageyi	Scorpaenidae	RE
Phenacoscorpius mccoskeri	Scorpaenidae	RE
Pontinus clemensi	Scorpaenidae	R
Pontinus furcirhinus	Scorpaenidae	R
Pontinus sierra	Scorpaenidae	R
Scorpaena cocosensis	Scorpaenidae	R
Scorpaena histrio	Scorpaenidae	R
Scorpaena mystes	Scorpaenidae	R
Scorpaena wellingtoni	Scorpaenidae	RE
Scorpaenodes rubrivinctus	Scorpaenidae	R
Scorpaenodes xyris	Scorpaenidae	R
Sebastolobus altivelis	Scorpaenidae	R
Taenianotus triacanthus	Scorpaenidae	V
Trachyscorpia osheri	Scorpaenidae	R
Psychrolutes sio	Psychrolutidae	R
Paraliparis darwini	Liparidae	RE
Paraliparis galapagosensis	Liparidae	RE
Kuhlia mugil	Kuhliidae	R
Oplegnathus insignis	Oplegnathidae	R
Kyphosus cinerascens	Kyphosidae	V
Kyphosus elegans	Kyphosidae	R
Kyphosus ocyurus	Kyphosidae	R
Kyphosus sectatrix	Kyphosidae	R
Kyphosus vaigiensis	Kyphosidae	R
Girella freminvillii	Girellidae	RE
Cirrhitichthys oxycephalus	Cirrhitidae	R
Cirrhitus rivulatus	Cirrhitidae	R
Oxycirrhites typus	Cirrhitidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Epigonus macrops	Epigonidae	R
Howella pammelas	Howellidae	R
Lobotes pacifica	Lobotidae	V
Holacanthus passer	Pomacanthidae	R
Pomacanthus zonipectus	Pomacanthidae	V
Chaetodon auriga	Chaetodontidae	V
Chaetodon humeralis	Chaetodontidae	R
Chaetodon kleinii	Chaetodontidae	V
Chaetodon lunula	Chaetodontidae	V
Chaetodon meyeri	Chaetodontidae	V
Chaetodon punctatofasciatus	**Chaetodontidae**	**V**
Chaetodon unimaculatus	Chaetodontidae	V
Forcipiger flavissimus	Chaetodontidae	R
Johnrandallia nigrirostris	Chaetodontidae	R
Prognathodes carlhubbsi	Chaetodontidae	R
Luvarus imperialis	Luvaridae	R
Zanclus cornutus	Zanclidae	R
Acanthurus leucocheilus	**Acanthuridae**	**V**
Acanthurus mata	Acanthuridae	V
Acanthurus nigricans	Acanthuridae	R
Acanthurus olivaceus	**Acanthuridae**	**V**
Acanthurus triostegus	Acanthuridae	V
Acanthurus xanthopterus	Acanthuridae	R
Ctenochaetus marginatus	**Acanthuridae**	**R**
Naso annulatus	Acanthuridae	V
Naso brevirostris	Acanthuridae	V
Naso hexacanthus	Acanthuridae	**R**
Naso vlamingii	Acanthuridae	V
Prionurus laticlavius	Acanthuridae	R
Lophiodes spilurus	Lophiidae	R
Dibranchus cracens	Ogcocephalidae	RE
Dibranchus discors	Ogcocephalidae	RE
Dibranchus erinaceus	Ogcocephalidae	R
Dibranchus hystrix	Ogcocephalidae	R
Halieutopsis tumifrons	Ogcocephalidae	RE
Ogcocephalus darwini	Ogcocephalidae	R
Abantennarius sanguineus	Antennariidae	R
Antennarius commerson	Antennariidae	V
Antennatus strigatus	Antennariidae	R
Fowlerichthys avalonis	Antennariidae	R

Species	Family	Resident Vagrant Endemic
Chaunacops coloratus	Chaunacidae	R
Melanocetus murrayi	Melanocetidae	R
Chaenophryne draco	Oneirodidae	R
Dolopichthys allector	Oneirodidae	R
Microlophichthys microlophus	Oneirodidae	R
Pentherichthys atratus	Oneirodidae	R
Cryptopsaras ***couesii***	Ceratiidae	R
Gigantactis vanhoeffeni	Gigantactinidae	R
Borophryne apogon	Linophrynidae	R
Masturus lanceolatus	Molidae	R
Mola alexandrini	Molidae	R
Chilomycterus reticulatus	Diodontidae	R
Cyclichthys spilostylus	Diodontidae	V
Diodon holocanthus	Diodontidae	R
Diodon hystrix	Diodontidae	R
Arothron hispidus	Tetraodontidae	R
Arothron meleagris	Tetraodontidae	R
Arothron nigropunctatus	Tetraodontidae	V
Canthigaster amboinensis	Tetraodontidae	V
Canthigaster janthinoptera	Tetraodontidae	V
Canthigaster punctatissima	Tetraodontidae	R
Canthigaster valentini	Tetraodontidae	V
Lagocephalus lagocephalus	Tetraodontidae	R
Sphoeroides angusticeps	Tetraodontidae	R
Sphoeroides annulatus	Tetraodontidae	R
Sphoeroides lobatus	Tetraodontidae	R
Lactoria diaphana	Ostraciidae	V
Ostracion meleagris	Ostraciidae	R
Aluterus monoceros	Monacanthidae	**R**
Aluterus scriptus	Monacanthidae	R
Cantherhines dumerilii	Monacanthidae	V
Balistes polylepis	Balistidae	R
Canthidermis maculata	Balistidae	R
Melichthys niger	Balistidae	R
Melichthys vidua	Balistidae	**R**
Pseudobalistes naufragium	Balistidae	R
Sufflamen verres	Balistidae	R
Xanthichthys caeruleolineatus	Balistidae	V
Xanthichthys mento	Balistidae	V

TABLE 2 (p. 1)

Fishes of the Galapagos Archipelago

(719 spp. in family alphabetical order)

Species	Family	Resident Vagrant Endemic
Acanthurus leucocheilus	**Acanthuridae**	**V**
Acanthurus mata	Acanthuridae	V
Acanthurus nigricans	Acanthuridae	R
Acanthurus olivaceus	**Acanthuridae**	**V**
Acanthurus triostegus	Acanthuridae	V
Acanthurus xanthopterus	Acanthuridae	R
Ctenochaetus marginatus	**Acanthuridae**	**R**
Naso annulatus	Acanthuridae	V
Naso brevirostris	Acanthuridae	V
Naso hexacanthus	Acanthuridae	**R**
Naso vlamingii	Acanthuridae	V
Prionurus laticlavius	Acanthuridae	R
Trinectes fonsecensis	Achiridae	V
Aetobatus ocellatus	Aetobatidae	R
Albula esuncula	Albulidae	V
Bathytroctes ***macrolepis***	Alepocephalidae	R
Einara macrolepis	Alepocephalidae	R
Narcetes erimelas	Alepocephalidae	R
Photostylus pycnopterus	Alepocephalidae	R
Alopias pelagicus	Alopiidae	R
Alopias superciliosus	Alopiidae	R
Sardinops sagax	Alosidae	R
Ammodytoides gilli	Ammodytidae	R
Anguilla marmorata	Anguillidae	R
Anoplogaster cornuta	Anoplogastridae	R
Abantennarius sanguineus	Antennariidae	R
Antennarius commerson	Antennariidae	V
Antennatus strigatus	Antennariidae	R
Fowlerichthys avalonis	Antennariidae	R
Anthias noeli	Anthiadidae	R
Hemanthias peruanus	Anthiadidae	V
Pronotogrammus multifasciatus	Anthiadidae	R
Apogon atradorsatus	Apogonidae	R
Apogon dovii	Apogonidae	R
Apogon pacificus	Apogonidae	R
Argentina aliceae	Argentinidae	R
Bathyraja abyssicola	Arhynchobatidae	R
Bathyraja peruana	Arhynchobatidae	R
Bathyraja richardsoni	Arhynchobatidae	R
Bathyraja spinosissima	Arhynchobatidae	R

Species	Family	Resident Vagrant Endemic
Guentherus altivela	Ateleopodidae	R
Atherinella nesiotes	Atherinopsidae	**RE**
Melanorhinus cyanellus	Atherinopsidae	R
Aulopus chirichignoae	Aulopidae	R
Aulostomus chinensis	Aulostomidae	R
Balistes polylepis	Balistidae	R
Canthidermis maculata	Balistidae	R
Melichthys niger	Balistidae	R
Melichthys vidua	Balistidae	**R**
Pseudobalistes naufragium	Balistidae	R
Sufflamen verres	Balistidae	R
Xanthichthys caeruleolineatus	Balistidae	V
Xanthichthys mento	Balistidae	V
Bathylagoides nigrigenys	Bathylagidae	R
Bathylagus wesethi	**Bathylagidae**	**R**
Leuroglossus ***stilbius***	Bathylagidae	R
Ablennes hians	Belonidae	R
Platybelone argalus pterura	Belonidae	R
Strongylura exilis	Belonidae	R
Tylosurus fodiator	Belonidae	**R**
Tylosurus pacificus	Belonidae	V
Entomacrodus chiostictus	Blenniidae	R
Hypsoblennius brevipinnis	Blenniidae	R
Ophioblennius steindachneri	Blenniidae	R
Plagiotremus azaleus	Blenniidae	R
Scartichthys gigas	Blenniidae	V
Bothus leopardinus	Bothidae	R
Bothus mancus	Bothidae	R
Monolene maculipinna	Bothidae	V
Brama dussumieri	Bramidae	R
Brama japonica	**Bramidae**	**V**
Taractes rubescens	Bramidae	R
Branchiostomus elongatus	Branchiostomatidae	R
Bregmaceros bathymaster	Bregmacerotidae	V
Bellottia sp.	Bythitidae	R
Calamopteryx jeb	Bythitidae	RE
Cataetyx rubirostris	Bythitidae	R
Cataetyx simus	Bythitidae	R
Diplacanthopoma jordani	Bythitidae	R
Grammonus diagrammus	Bythitidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Lucifuga inopinata	Bythitidae	RE
Petrotyx hopkinsi	Bythitidae	R
Pseudonus acutus	Bythitidae	**R**
Thermichthys hollisi	**Bythitidae**	**RE**
Synchiropus atrilabiatus	Callionymidae	R
Alectis ciliaris	Carangidae	R
Caranx caballus	Carangidae	R
Caranx caninus	Carangidae	R
Caranx ignobilis	Carangidae	V
Caranx lugubris	Carangidae	R
Caranx melampygus	Carangidae	R
Caranx sexfasciatus	Carangidae	R
Decapterus macarellus	Carangidae	R
Decapterus macrosoma	Carangidae	R
Decapterus muroadsi	Carangidae	R
Elagatis bipinnulata	Carangidae	R
Euprepocaranx dorsalis	Carangidae	V
Ferdauia orthogrammus	Carangidae	V
Gnathanodon speciosus	Carangidae	V
Naucrates ductor	Carangidae	R
Oligoplites inornatus	Carangidae	R
Selar crumenophthalmus	Carangidae	R
Selene peruviana	Carangidae	R
Seriola lalandi	Carangidae	R
Seriola peruana	Carangidae	R
*Seriola **rivoliana***	Carangidae	R
Trachinotus kennedyi	Carangidae	V
Trachinotus paitensis	Carangidae	R
Trachinotus rhodopus	Carangidae	R
Trachinotus stilbe	Carangidae	R
Trachurus murphyi	Carangidae	R
Uraspis helvola	Carangidae	R
Carcharhinus albimarginatus	Carcharhinidae	R
Carcharhinus altimus	Carcharhinidae	R
Carcharhinus amblyrhynchos	Carcharhinidae	V
Carcharhinus falciformis	Carcharhinidae	R
Carcharhinus galapagensis	Carcharhinidae	R
Carcharhinus limbatus	Carcharhinidae	R
Carcharhinus longimanus	Carcharhinidae	R
Nasolamia velox	Carcharhinidae	R
Prionace glauca	Carcharhinidae	R
Triaenodon obesus	Carcharhinidae	R
Paracaristius sp.	Caristiidae	R
Seriolella violacea	Centrolophidae	R
Centrophorus squamosus	Centrophoridae	R
Centropomus viridis	Centropomidae	R
*Cryptopsaras **couesii***	Ceratiidae	R
Cetomimus gillii	Cetomimidae	R
Acanthemblemaria castroi	Chaenopsidae	RE
Chaenopsis schmitti	Chaenopsidae	RE
Chaetodon auriga	Chaetodontidae	V
Chaetodon humeralis	Chaetodontidae	R
Chaetodon kleinii	Chaetodontidae	V
Chaetodon lunula	Chaetodontidae	V
Chaetodon meyeri	Chaetodontidae	V
Chaetodon punctatofasciatus	**Chaetodontidae**	**V**
Chaetodon unimaculatus	Chaetodontidae	V
Forcipiger flavissimus	Chaetodontidae	R
Johnrandallia nigrirostris	Chaetodontidae	R
Prognathodes carlhubbsi	Chaetodontidae	R
Chanos chanos	Chanidae	R
Chaunacops coloratus	Chaunacidae	R
Chiasmodon niger	Chiasmodontidae	R
Chiasmodon subniger	Chiasmodontidae	R
Hydrolagus alphus	Chimaeridae	RE
Hydrolagus mccoskeri	Chimaeridae	RE
Hydrolagus melanophasma	Chimaeridae	R
Hydrolagus n. sp.	Chimaeridae	RE
Chlopsis bicollaris	Chlopsidae	R
Chlorophthalmus mento	Chlorophthalmidae	R
Cirrhitichthys oxycephalus	Cirrhitidae	R
Cirrhitus rivulatus	Cirrhitidae	R
Oxycirrhites typus	Cirrhitidae	R
Harengula thrissina	Clupeidae	R
Lile stolifera	Clupeidae	R
Opisthonema berlangai	Clupeidae	RE
Opisthonema libertate	Clupeidae	R
Ariosoma gilberti	Congridae	R
Bathycongrus varidens	Congridae	R
Heteroconger klausewitzi	Congridae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Japonoconger proriger	Congridae	R
Paraconger californiensis	Congridae	R
Paraconger similis	Congridae	R
Xenomystax atrarius	Congridae	R
Coryphaena equiselis	Coryphaenidae	R
Coryphaena hippurus	Coryphaenidae	R
Citharichthys darwini	Cyclopsettidae	RE
Citharichthys gnathus	Cyclopsettidae	R
Syacium latifrons	Cyclopsettidae	V
Syacium maculiferum	Cyclopsettidae	V
Symphurus atramentatus	Cynoglossidae	R
Symphurus diabolicus	Cynoglossidae	R
Symphurus varius	Cynoglossidae	R
Dactyloscopus lacteus	Dactyloscopidae	RE
Gillellus semicinctus	Dactyloscopidae	R
Myxodagnus sagitta	Dactyloscopidae	RE
Platygillellus rubellulus	Dactyloscopidae	RE
Isistius brasiliensis	Dalatiidae	R
Hypanus dipterurus	Dasyatidae	R
Hypanus longus	Dasyatidae	R
Pteroplatytrygon violacea	Dasyatidae	R
Taeniurops meyeni	Dasyatidae	R
Ogilbia deroyi	Dinematichthyidae	RE
Ogilbia galapagosensis	Dinematichthyidae	RE
Chilomycterus reticulatus	Diodontidae	R
Cyclichthys spilostylus	Diodontidae	V
Diodon holocanthus	Diodontidae	R
Diodon hystrix	Diodontidae	R
Etrumeus acuminatus	Dussumieriidae	R
Echeneis naucrates	Echeneidae	R
Phtheirichthys lineatus	Echeneidae	R
Remora albescens	Echeneidae	R
Remora brachyptera	Echeneidae	R
Remora osteochir	Echeneidae	R
Remora remora	Echeneidae	R
Echinorhinus cookei	Echinorhinidae	R
Dormitator latifrons	Eleotridae	V
Eleotris picta	Eleotridae	V
Gobiomorus maculatus	Eleotridae	V
Elops affinis	Elopidae	V
Anchoa argentivittata	Engraulidae	R
Anchoa ischana	Engraulidae	R
Cetengraulis mysticetus	Engraulidae	V
Engraulis ringens	Engraulidae	R
Epigonus macrops	Epigonidae	R
Alphestes immaculatus	Epinephelidae	R
Cephalopholis colonus	Epinephelidae	R
Cephalopholis panamensis	Epinephelidae	R
Dermatolepis dermatolepis	Epinephelidae	R
Epinephelus analogus	Epinephelidae	V
Epinephelus labriformis	Epinephelidae	R
Epinephelus quinquefasciatus	**Epinephelidae**	**V**
Hyporthodus cifuentesi	Epinephelidae	R
Hyporthodus mystacinus	Epinephelidae	R
Hyporthodus niphobles	Epinephelidae	R
Mycteroperca olfax	Epinephelidae	R
Centroscyllium nigrum	Etmopteridae	R
Evermannella ahlstromi	Evermannellidae	R
Cheilopogon atrisignis	Exocoetidae	R
Cheilopogon dorsomacula	Exocoetidae	R
Cheilopogon furcatus	**Exocoetidae**	**R**
Cheilopogon spilonotopterus	Exocoetidae	R
Cheilopogon xenopterus	Exocoetidae	R
Cypselurus callopterus	Exocoetidae	R
Exocoetus monocirrhus	Exocoetidae	R
Exocoetus volitans	Exocoetidae	R
Fodiator rostratus	Exocoetidae	R
Hirundichthys marginatus	Exocoetidae	R
Hirundichthys speculiger	Exocoetidae	R
Fistularia commersonii	Fistulariidae	R
Fistularia corneta	Fistulariidae	V
Galeocerdo cuvier	Galeocerdonidae	R
Gempylus serpens	Gempylidae	R
Lepidocybium flavobrunneum	Gempylidae	R
Nealotus tripes	Gempylidae	R
Ruvettus pretiosus	Gempylidae	R
Diapterus brevirostris	Gerreidae	R
Eucinostomus currani	Gerreidae	R
Eucinostomus dowii	Gerreidae	R
Eucinostomus gracilis	Gerreidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Eugerres lineatus	Gerreidae	R
Gerres simillimus	Gerreidae	R
Gigantactis vanhoeffeni	Gigantactinidae	R
Girella freminvillii	Girellidae	RE
Arcos poecilophthalmos	Gobiesocidae	R
Tomicodon chilensis	Gobiesocidae	R
Tomicodon petersii	Gobiesocidae	R
Bathygobius lineatus	Gobiidae	R
Chriolepis tagus	Gobiidae	RE
Clarkichthys bilineatus	Gobiidae	R
Coryphopterus urospilus	Gobiidae	R
Eleotrica cableae	Gobiidae	RE
Evorthodus minutus	Gobiidae	V
Lythrypnus gilberti	Gobiidae	RE
Lythrypnus rhizophora	Gobiidae	R
Microdesmus dipus	Gobiidae	V
Schindleria praematura	Gobiidae	R
Tigrigobius nesiotes	Gobiidae	R
Cyclothone acclinidens	Gonostomatidae	R
Cyclothone alba	Gonostomatidae	R
Cyclothone atraria	Gonostomatidae	R
Cyclothone braueri	**Gonostomatidae**	**R**
Cyclothone microdon	**Gonostomatidae**	**R**
Cyclothone obscura	Gonostomatidae	R
Cyclothone pallida	Gonostomatidae	R
Cyclothone pseudopallida	**Gonostomatidae**	**R**
Cyclothone signata	Gonostomatidae	R
Diplophos proximus	Gonostomatidae	R
Sigmops elongatus	**Gonostomatidae**	**R**
Pseudogramma thaumasia	Grammistidae	R
Rypticus bicolor	Grammistidae	R
Rypticus nigripinnis	Grammistidae	R
Gurgesiella furvescens	Gurgesiellidae	R
Anisotremus espinozai	Haemulidae	R
Anisotremus scapularis	Haemulidae	R
Brachygenys jessiae	Haemulidae	RE
Haemulon maculicauda	Haemulidae	R
Haemulon scudderii	Haemulidae	R
Haemulon sexfasciatum	Haemulidae	R
Microlepidotus lethopristis	Haemulidae	RE
*Orthopristis **cantharina***	Haemulidae	R
Orthopristis chalcea	Haemulidae	R
Orthopristis forbesi	Haemulidae	RE
Rhencus macracanthus	Haemulidae	V
Xenichthys agassizii	Haemulidae	RE
Xenichthys xanti	Haemulidae	V
Halosaurus attenuatus	Halosauridae	R
Euleptorhamphus viridis	Hemiramphidae	R
Hemiramphus saltator	Hemiramphidae	R
Hyporhamphus gilli	Hemiramphidae	V
Hyporhamphus naos	Hemiramphidae	R
Oxyporhamphus micropterus	Hemiramphidae	R
Heterodontus quoyi	Heterodontidae	R
Hexanchus griseus	Hexanchidae	R
Notorynchus cepedianus	Hexanchidae	R
Myripristis berndti	Holocentridae	R
Myripristis leiognathus	Holocentridae	R
Neoniphon suborbitalis	Holocentridae	R
Howella pammelas	Howellidae	R
Bathypterois atricolor	Ipnopidae	R
Bathypterois pectinatus	Ipnopidae	R
Ipnops agassizii	Ipnopidae	R
Istiompax indica	Istiophoridae	R
Istiophorus platypterus	Istiophoridae	R
Kajikia audax	Istiophoridae	R
Makaira nigricans	Istiophoridae	R
Tetrapturus angustirostris	Istiophoridae	R
Kuhlia mugil	Kuhliidae	R
Kyphosus cinerascens	Kyphosidae	V
Kyphosus elegans	Kyphosidae	R
Kyphosus ocyurus	Kyphosidae	R
Kyphosus sectatrix	Kyphosidae	R
Kyphosus vaigiensis	Kyphosidae	R
Bodianus darwini	Labridae	R
Bodianus diplotaenia	Labridae	R
Bodianus eclancheri	Labridae	R
Calotomus carolinus	Labridae-Scarinae	V
Decodon melasma	Labridae	R
Halichoeres adustus	Labridae	V
Halichoeres chierchiae	Labridae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Halichoeres dispilus	Labridae	R
Halichoeres ***malpelo***	**Labridae**	**R**
Halichoeres nicholsi	Labridae	R
Halichoeres notospilus	Labridae	R
Iniistius pavo	Labridae	R
Nicholsina denticulata	Labridae-Scarinae	R
Novaculichthys taeniourus	Labridae	R
Sagittalarva inornata	Labridae	R
Scarus compressus	Labridae-Scarinae	R
Scarus ghobban	Labridae-Scarinae	R
Scarus perrico	Labridae-Scarinae	R
Scarus rubroviolaceus	Labridae-Scarinae	R
Stethojulis bandanensis	Labridae	R
Thalassoma grammaticum	Labridae	R
Thalassoma lucasanum	Labridae	R
Thalassoma purpureum	Labridae	R
Xyrichtys victori	Labridae	R
Cottoclinus canops	Labrisomidae	RE
Dialommus fuscus	Labrisomidae	R
Gobioclinus dendriticus	Labrisomidae	R
Labrisomus jenkinsi	Labrisomidae	RE
Labrisomus multiporosus	Labrisomidae	R
Malacoctenus tetranemus	Labrisomidae	R
Malacoctenus zonogaster	Labrisomidae	RE
Starksia galapagensis	Labrisomidae	RE
Carcharodon carcharias	Lamnidae	V
Isurus oxyrinchus	Lamnidae	R
Caulolatilus affinis	Latilidae	R
Caulolatilus princeps	Latilidae	R
Borophryne apogon	Linophrynidae	R
Liopropoma fasciatum	Liopropomatidae	R
Liopropoma longilepis	Liopropomatidae	R
Paraliparis darwini	Liparidae	RE
Paraliparis galapagosensis	Liparidae	RE
Lobotes pacifica	Lobotidae	V
Lophiodes spilurus	Lophiidae	R
Hoplopagrus guentherii	Lutjanidae	R
Lutjanus aratus	Lutjanidae	R
Lutjanus argentiventris	Lutjanidae	R
Lutjanus colorado	Lutjanidae	V
Lutjanus guttatus	Lutjanidae	R
Lutjanus inermis	Lutjanidae	R
Lutjanus jordani	Lutjanidae	R
Lutjanus novemfasciatus	Lutjanidae	R
Lutjanus viridis	Lutjanidae	R
Pristipomoides zonatus	Lutjanidae	V
Luvarus imperialis	Luvaridae	R
Coelorinchus canus	Macrouridae	R
Coryphaenoides anguliceps	Macrouridae	R
Coryphaenoides armatus	Macrouridae	R
Coryphaenoides boops	Macrouridae	R
Coryphaenoides bucephalus	Macrouridae	R
Coryphaenoides bulbiceps	Macrouridae	R
Coryphaenoides delsolari	Macrouridae	R
Coryphaenoides gypsochilus	Macrouridae	RE
Coryphaenoides myersi	Macrouridae	RE
Mataeocephalus tenuicauda	Macrouridae	R
Nezumia convergens	Macrouridae	R
Nezumia loricata	Macrouridae	RE
Nezumia parini	**Macrouridae**	**R**
Nezumia stelgidolepis	Macrouridae	R
Nezumia ventralis	Macrouridae	RE
Malacanthus brevirostris	Malacanthidae	R
Hemilutjanus macrophthalmos	Malakichthyidae	R
Melamphaes *laeviceps*	Melamphaidae	R
Melamphaes *spinifer*	Melamphaidae	R
Poromitra cf. *crassiceps*	Melamphaidae	R
Poromitra frontosa	Melamphaidae	R
Poromitra jucunda	Melamphaidae	R
Poromitra nigrofulva	Melamphaidae	R
Poromitra oscitans	Melamphaidae	R
Scopeloberyx opisthopterus	Melamphaidae	R
Scopeloberyx robustus	Melamphaidae	R
Scopelogadus bispinosus	Melamphaidae	R
Melanocetus murrayi	Melanocetidae	R
Mobula birostris	Mobulidae	R
Mobula mobular	Mobulidae	R
Mobula munkiana	Mobulidae	R
Mobula tarapacana	Mobulidae	R
Mobula thurstoni	Mobulidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Masturus lanceolatus	Molidae	R
Mola alexandrini	Molidae	R
Aluterus monoceros	Monacanthidae	**R**
Aluterus scriptus	Monacanthidae	R
Cantherhines dumerilii	Monacanthidae	V
Antimora rostrata	Moridae	R
Gadella filifer	Moridae	R
Gadella thysthlon	Moridae	RE
Laemonema gracillipes	Moridae	R
Physiculus nematopus	Moridae	R
Chaenomugil proboscideus	Mugilidae	R
Dajaus monticola	Mugilidae	R
Mugil galapagensis	Mugilidae	RE
Mugil thoburni	Mugilidae	RE
Mulloidichthys dentatus	Mullidae	R
Pseudupeneus grandisquamis	Mullidae	R
Anarchias galapagensis	Muraenidae	R
Echidna nebulosa	Muraenidae	R
Echidna nocturna	Muraenidae	R
Enchelycore lichenosa	Muraenidae	R
Enchelycore octaviana	Muraenidae	R
Gymnomuraena zebra	Muraenidae	R
Gymnothorax angusticeps	Muraenidae	R
Gymnothorax buroensis	Muraenidae	V
Gymnothorax castaneus	Muraenidae	R
Gymnothorax dovii	Muraenidae	R
Gymnothorax flavimarginatus	Muraenidae	V
Gymnothorax javanicus	Muraenidae	V
Gymnothorax meleagris	Muraenidae	V
Gymnothorax panamensis	Muraenidae	R
Gymnothorax pictus	Muraenidae	V
Gymnothorax porphyreus	Muraenidae	V
Gymnothorax undulatus	Muraenidae	V
Muraena argus	Muraenidae	R
Muraena clepsydra	Muraenidae	R
Muraena lentiginosa	Muraenidae	R
Scuticaria tigrina	Muraenidae	V
Uropterygius macrocephalus	Muraenidae	R
Uropterygius polystictus	Muraenidae	R
Uropterygius versutus	Muraenidae	R
Bolinichthys longipes	Myctophidae	R
Centrobranchus andreae	**Myctophidae**	**R**
Centrobranchus nigroocellatus	Myctophidae	R
Dasyscopelus asper	**Myctophidae**	**R**
Diaphus fulgens	**Myctophidae**	**R**
Diaphus mollis	**Myctophidae**	**R**
Diaphus pacificus	Myctophidae	R
Diaphus parri	**Myctophidae**	**R**
Diaphus ***rafinesquii***	Myctophidae	R
Diaphus termophilus	Myctophidae	R
Diaphus theta	Myctophidae	R
Diogenichthys laternatus	Myctophidae	R
Gonichthys tenuiculus	Myctophidae	R
Gonichthys venetus	Myctophidae	R
Hygophum ***reinhardtii***	Myctophidae	R
Lampadena luminosa	Myctophidae	R
Lampanyctus crypticus	**Myctophidae**	**R**
Lampanyctus hubbsi	Myctophidae	R
Lampanyctus idostigma	Myctophidae	R
Lampanyctus macropterus	Myctophidae	R
Lampanyctus nobilis	**Myctophidae**	**R**
Lampanyctus omostigma	Myctophidae	R
Lampanyctus parvicauda	Myctophidae	R
Lampanyctus ritteri	Myctophidae	R
Lampanyctus tenuiformis	Myctophidae	R
Loweina rara	Myctophidae	R
Myctophum affine	Myctophidae	R
Myctophum aurolaternatum	Myctophidae	R
Myctophum brachygnathum	Myctophidae	R
Myctophum nitidulum	Myctophidae	R
Notolychnus valdiviae	Myctophidae	R
Notoscopelus elongatus	Myctophidae	R
Notoscopelus resplendens	Myctophidae	R
***Protomyctophum* sp.**	**Myctophidae**	**R**
Symbolophorus evermanni	Myctophidae	R
Symbolophorus reversus	Myctophidae	R
Triphoturus mexicanus	Myctophidae	R
Triphoturus nigricans	**Myctophidae**	**R**
Triphoturus ***oculeus***	Myctophidae	R
Aetomylaeus asperrimus	Myliobatidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Myliobatis peruviana	Myliobatidae	R
Myroconger nigrodentatus	Myrocongridae	R
Eptatretus bobwisneri	Myxinidae	RE
Eptatretus goslinei	Myxinidae	RE
Eptatretus grouseri	Myxinidae	RE
Eptatretus mccoskeri	Myxinidae	RE
Myxine greggi	Myxinidae	RE
Myxine martinii	Myxinidae	RE
Myxine phantasma	Myxinidae	RE
Rubicundus lakeside	Myxinidae	RE
Avocettina infans	**Nemichthyidae**	**R**
Nemichthys scolopaceus	Nemichthyidae	R
Scopelengys tristis	Neoscopelidae	R
Facciolella equatorialis	Nettastomatidae	R
Cubiceps baxteri	**Nomeidae**	**R**
Cubiceps pauciradiatus	Nomeidae	R
Nomeus gronovii	Nomeidae	R
Psenes arafurensis	Nomeidae	R
Psenes cyanophrys	Nomeidae	R
Psenes pellucidus	Nomeidae	R
Psenes sio	Nomeidae	R
Notacanthus spinosus	Notacanthidae	R
Scopelosaurus harryi	**Notosudidae**	**R**
Scopelosaurus hubbsi	Notosudidae	R
Odontaspis ferox	Odontaspididae	R
Dibranchus cracens	Ogcocephalidae	RE
Dibranchus discors	Ogcocephalidae	RE
Dibranchus erinaceus	Ogcocephalidae	R
Dibranchus hystrix	Ogcocephalidae	R
Halieutopsis tumifrons	Ogcocephalidae	RE
Ogcocephalus darwini	Ogcocephalidae	R
Chaenophryne draco	Oneirodidae	R
Dolopichthys allector	Oneirodidae	R
Microlophichthys microlophus	Oneirodidae	R
Pentherichthys atratus	Oneirodidae	R
Apterichtus equatorialis	Ophichthidae	R
Bascanichthys bascanoides	Ophichthidae	R
Callechelys galapagensis	Ophichthidae	RE
Herpetoichthys fossatus	Ophichthidae	R
Ichthyapus selachops	Ophichthidae	R
Myrichthys xysturus	Ophichthidae	R
Ophichthus arneutes	Ophichthidae	RE
Ophichthus rugifer	Ophichthidae	R
Paraletharchus opercularis	Ophichthidae	R
Phaenomonas pinnata	Ophichthidae	R
Quassiremus evionthas	Ophichthidae	R
Scytalichthys miurus	Ophichthidae	V
Bathyonus caudalis	Ophidiidae	R
Brotula ordwayi	Ophidiidae	R
Dicrolene nigra	Ophidiidae	R
Echiodon exsilium	Ophidiidae	R
Encheliophis vermicularis	Ophidiidae	R
Eretmichthys pinnatus	Ophidiidae	R
Lamprogrammus niger	Ophidiidae	R
Lepophidium pardale	Ophidiidae	R
Monomitopus malispinosus	Ophidiidae	R
Monomitopus torvus	Ophidiidae	R
Ophidion galapagensis	Ophidiidae	R
Otophidium indefatigabile	Ophidiidae	R
Porogadus promelas	**Ophidiidae**	**R**
Spectrunculus crassus	**Ophidiidae**	**R**
***Bathylychnops* sp.**	**Opisthoproctidae**	**R**
Dolichopteryx pseudolongipes	Opisthoproctidae	R
Opistognathus galapagensis	Opistognathidae	**R**
Oplegnathus insignis	Oplegnathidae	R
Lactoria diaphana	Ostraciidae	V
Ostracion meleagris	Ostraciidae	R
*Lestidiops **pacificus***	Paralepididae	R
Lestidium bigelowi	**Paralepididae**	**R**
Stemonosudis macrura	Paralepididae	R
Hippoglossina bollmani	Paralichthyidae	R
Paralichthys woolmani	Paralichthyidae	R
Apristurus kampae	Pentanchidae	R
Apristurus n. sp.	Pentanchidae	RE
Ichthyococcus irregularis	Phosichthyidae	R
*Vinciguerria **lucetius***	Phosichthyidae	R
Vinciguerria nimbaria	**Phosichthyidae**	**R**
Vinciguerria poweriae	Phosichthyidae	R
Yarrella argenteola	Phosichthyidae	R
Holtbyrnia latifrons	Platytroctidae	R

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Maulisia isaacsi	Platytroctidae	R
Platytroctes apus	Platytroctidae	R
Sagamichthys abei	**Platytroctidae**	**R**
Polydactylus approximans	Polynemidae	V
Holacanthus passer	Pomacanthidae	R
Pomacanthus zonipectus	Pomacanthidae	V
Abudefduf concolor	Pomacentridae	R
Abudefduf troschelii	Pomacentridae	R
Azurina atrilobata	Pomacentridae	R
Azurina eupalama	Pomacentridae	RE
Azurina intercrusma	Pomacentridae	V
Chromis alta	Pomacentridae	R
Microspathodon bairdii	Pomacentridae	R
Microspathodon dorsalis	Pomacentridae	R
Nexilosus latifrons	Pomacentridae	R
Stegastes acapulcoensis	Pomacentridae	R
Stegastes arcifrons	Pomacentridae	R
Stegastes beebei	Pomacentridae	R
Stegastes flavilatus	Pomacentridae	R
Styracura pacifica	Potamotrygonidae	R
Heteropriacanthus carolinus	Priacanthidae	R
Pristigenys serrula	Priacanthidae	R
Psychrolutes sio	Psychrolutidae	R
Rajella eisenhardti	Rajidae	RE
Rostroraja velezi	Rajidae	R
Regalecus russellii	Regalacidae	R
Rhincodon typus	Rhincodontidae	R
Pseudobatos planiceps	Rhinobatidae	R
Rhinoptera steindachneri	Rhinopteridae	R
Rondeletia loricata	Rondeletiidae	R
Corvula macrops	Sciaenidae	R
Larimus pacificus	Sciaenidae	V
Odontoscion eurymesops	Sciaenidae	R
Pareques perissa	Sciaenidae	RE
Umbrina galapagorum	Sciaenidae	RE
Cololabis adoceta	Scomberesocidae	R
Scomberesox scombroides	**Scomberesocidae**	**R**
Acanthocybium solandri	Scombridae	R
Auxis rochei	Scombridae	R
Auxis thazard	Scombridae	R
Euthynnus lineatus	Scombridae	R
Katsuwonus pelamis	Scombridae	R
Sarda orientalis	Scombridae	R
Scomber japonicus	Scombridae	R
Scomberomorus sierra	Scombridae	R
Thunnus albacares	Scombridae	R
Thunnus obesus	Scombridae	R
Rosenblattichthys volucris	Scopelarchidae	R
Scopelarchoides nicholsi	Scopelarchidae	R
Scopelarchus guentheri	Scopelarchidae	R
Ectreposebastes imus	Scorpaenidae	R
Idiastion hageyi	Scorpaenidae	RE
Phenacoscorpius mccoskeri	Scorpaenidae	RE
Pontinus clemensi	Scorpaenidae	R
Pontinus furcirhinus	Scorpaenidae	R
Pontinus sierra	Scorpaenidae	R
Scorpaena cocosensis	Scorpaenidae	R
Scorpaena histrio	Scorpaenidae	R
Scorpaena mystes	Scorpaenidae	R
Scorpaena wellingtoni	Scorpaenidae	RE
Scorpaenodes rubrivinctus	Scorpaenidae	R
Scorpaenodes xyris	Scorpaenidae	R
Sebastolobus altivelis	Scorpaenidae	R
Taenianotus triacanthus	Scorpaenidae	V
Trachyscorpia osheri	Scorpaenidae	R
Bythaelurus giddingsi	Scyliorhinidae	RE
Galeus n. sp.	Scyliorhinidae	RE
Cratinus agassizii	Serranidae	R
Diplectrum eumelum	Serranidae	V
Diplectrum rostrum	Serranidae	R
Paralabrax albomaculatus	Serranidae	RE
Serranus aequidens	Serranidae	R
Serranus psittacinus	Serranidae	R
Serranus stilbostigma	Serranidae	RE
Serrivomer sector	Serrivomeridae	R
Aseraggodes herrei	Soleidae	R
Archosargus pourtalesii	Sparidae	RE
Calamus brachysomus	Sparidae	R
Calamus taurinus	Sparidae	RE
Sphyraena barracuda	Sphyraenidae	V

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Fishes of the Galapagos Archipelago

Species	Family	Resident Vagrant Endemic
Sphyraena idiastes	Sphyraenidae	R
Sphyraena stellata	Sphyraenidae	R
Sphyrna lewini	Sphyrnidae	R
Sphyrna zygaena	Sphyrnidae	R
Argyropelecus aculeatus	Sternoptychidae	R
Argyropelecus affinis	Sternoptychidae	R
Argyropelecus lychnus	Sternoptychidae	R
Argyropelecus olfersii	Sternoptychidae	R
Argyropelecus sladeni	Sternoptychidae	R
Danaphos oculatus	**Sternoptychidae**	**R**
Maurolicus australis	Sternoptychidae	R
Sternoptyx diaphana	Sternoptychidae	R
Sternoptyx obscura	Sternoptychidae	R
Sternoptyx pseudobscura	Sternoptychidae	R
Valencienellus tripunctulatus	Sternoptychidae	R
Astronesthes cyanea	Stomiidae	R
Astronesthes galapagensis	Stomiidae	R
Astronesthes gibbsi	Stomiidae	R
Astronesthes indica	Stomiidae	R
Astronesthes lampara	Stomiidae	R
Bathophilus filifer	Stomiidae	R
Borostomias elucens	Stomiidae	R
Borostomias panamensis	Stomiidae	R
Chauliodus barbatus	Stomiidae	R
Chauliodus sloani	Stomiidae	R
Idiacanthus antrostomus	Stomiidae	R
Malacosteus niger	Stomiidae	R
Photonectes margarita	**Stomiidae**	**R**
Stomias atriventer	Stomiidae	R
Stomias colubrinus	Stomiidae	R
Stomias danae	**Stomiidae**	**R**
Thysanactis dentex	**Stomiidae**	**R**
Peprilus medius	Stromateidae	R
Stylephorus chordatus	Stylephoridae	R
Ilyophis arx	Synaphobranchidae	R
Ilyophis brunneus	Synaphobranchidae	R
Bryx veleronis	Syngnathidae	R
Cosmocampus coccineus	Syngnathidae	R
Doryrhamphus melanopleura	Syngnathidae	R
Hippocampus ingens	Syngnathidae	R

Species	Family	Resident Vagrant Endemic
Synodus lacertinus	Synodontidae	R
Synodus scituliceps	Synodontidae	R
Synodus sechurae	Synodontidae	R
Tetragonurus atlanticus	Tetragonuridae	R
Arothron hispidus	Tetraodontidae	R
Arothron meleagris	Tetraodontidae	R
Arothron nigropunctatus	Tetraodontidae	V
Canthigaster amboinensis	Tetraodontidae	V
Canthigaster janthinoptera	Tetraodontidae	V
Canthigaster punctatissima	Tetraodontidae	R
Canthigaster valentini	Tetraodontidae	V
Lagocephalus lagocephalus	Tetraodontidae	R
Sphoeroides angusticeps	Tetraodontidae	R
Sphoeroides annulatus	Tetraodontidae	R
Sphoeroides lobatus	Tetraodontidae	R
Tetronarce tremens	Torpedinidae	R
Hoplostethus pacificus	Trachichthyidae	RE
Desmodema polystictum	Trachipteridae	R
Zu cristatus	Trachipteridae	R
Trachyrincus helolepis	Trachyrincidae	R
Mustelus albipinnis	Triakidae	R
Mustelus mento	Triakidae	R
Triakis maculata	Triakidae	R
Aphanopus capricornis	Trichiuridae	R
Benthodesmus tenuis	Trichiuridae	R
Lepidopus manis	Trichiuridae	R
Trichiurus nitens	Trichiuridae	R
Bellator farrago	Triglidae	R
Peristedion crustosum	Triglidae	R
Prionotus miles	Triglidae	RE
Prionotus pictus	**Triglidae**	**RE**
Lepidonectes corallicola	Tripterygiidae	RE
Kathetostoma averruncus	Uranoscopidae	V
Xiphias gladius	Xiphiidae	R
Zanclus cornutus	Zanclidae	R
Lycodapus australis	Zoarcidae	R
Melanostigma bathium	Zoarcidae	R
Pachycara rimae	**Zoarcidae**	**RE**
Thermarces cerberus	Zoarcidae	R

TABLE 3

Fishes of the Galapagos Archipelago

endemic species (69 spp.)

Species	Family	Resident Vagrant Endemic
Atherinella nesiotes	**ATHERINOPSIDAE**	**RE**
Calamopteryx jeb	BYTHITIDAE	RE
Lucifuga inopinata	BYTHITIDAE	RE
Thermichthys hollisi	**BYTHITIDAE**	**RE**
Acanthemblemaria castroi	CHAENOPSIDAE	RE
Chaenopsis schmitti	CHAENOPSIDAE	RE
Hydrolagus alphus	CHIMAERIDAE	RE
Hydrolagus mccoskeri	CHIMAERIDAE	RE
Hydrolagus n. sp.	CHIMAERIDAE	RE
Opisthonema berlangai	CLUPEIDAE	RE
Citharichthys darwini	CYCLOPSETTA	RE
Dactyloscopus lacteus	DACTYLOSCOPIDAE	RE
Myxodagnus sagitta	DACTYLOSCOPIDAE	RE
Platygillellus rubellulus	DACTYLOSCOPIDAE	RE
Ogilbia deroyi	DINEMATICHTHYIDAE	RE
Ogilbia galapagosensis	DINEMATICHTHYIDAE	RE
Girella freminvillii	GIRELLIDAE	RE
Chriolepis tagus	GOBIIDAE	RE
Eleotrica cableae	GOBIIDAE	RE
Lythrypnus gilberti	GOBIIDAE	RE
Brachygenys jessiae	HAEMULIDAE	RE
Microlepidotus lethopristis	HAEMULIDAE	RE
Orthopristis forbesi	HAEMULIDAE	RE
Xenichthys agassizii	HAEMULIDAE	RE
Cottoclinus canops	LABRISOMIDAE	RE
Labrisomus jenkinsi	LABRISOMIDAE	RE
Malacoctenus zonogaster	LABRISOMIDAE	RE
Starksia galapagensis	LABRISOMIDAE	RE
Paraliparis darwini	LIPARIDAE	RE
Paraliparis galapagosensis	LIPARIDAE	RE
Coryphaenoides gypsochilus	MACROURIDAE	RE
Coryphaenoides myersi	MACROURIDAE	RE
Nezumia loricata	MACROURIDAE	RE
Nezumia ventralis	MACROURIDAE	RE
Gadella thysthlon	MORIDAE	RE
Mugil galapagensis	MUGILIDAE	RE
Mugil thoburni	MUGILIDAE	RE
Eptatretus bobwisneri	MYXINIDAE	RE
Eptatretus goslinei	MYXINIDAE	RE
Eptatretus grouseri	MYXINIDAE	RE
Eptatretus mccoskeri	MYXINIDAE	RE
Myxine greggi	MYXINIDAE	RE
Myxine martinii	MYXINIDAE	RE
Myxine phantasma	MYXINIDAE	RE
Rubicundus lakeside	MYXINIDAE	RE
Dibranchus cracens	OGCOCEPHALIDAE	RE
Dibranchus discors	OGCOCEPHALIDAE	RE
Halieutopsis tumifrons	OGCOCEPHALIDAE	RE
Callechelys galapagensis	OPHICHTHIDAE	RE
Ophichthus arneutes	OPHICHTHIDAE	RE
Apristurus n. sp.	PENTANCHIDAE	RE
Azurina eupalama	POMACENTRIDAE	RE
Rajella eisenhardti	RAJIDAE	RE
Pareques perissa	SCIAENIDAE	RE
Umbrina galapagorum	SCIAENIDAE	RE
Idiastion hageyi	SCORPAENIDAE	RE
Phenacoscorpius mccoskeri	SCORPAENIDAE	RE
Scorpaena wellingtoni	SCORPAENIDAE	RE
Bythaelurus giddingsi	SCYLIORHINIDAE	RE
Galeus n. sp.	SCYLIORHINIDAE	RE
Paralabrax albomaculatus	SERRANIDAE	RE
Serranus stilbostigma	SERRANIDAE	RE
Archosargus pourtalesii	SPARIDAE	RE
Calamus taurinus	SPARIDAE	RE
Hoplostethus pacificus	TRACHICHTHYIDAE	RE
Prionotus miles	TRIGLIDAE	RE
Prionotus pictus	**TRIGLIDAE**	**RE**
Lepidonectes corallicola	TRIPTERYGIIDAE	RE
Pachycara rimae	**ZOARCIDAE**	**RE**

TABLE 4

Fishes of the Galapagos Archipelago

shallow shorefish vagrants (64 spp.) & other vagrants (13 spp.)

Species	Family	Resident Vagrant Endemic
Acanthurus leucocheilus	**ACANTHURIDAE**	**V**
Acanthurus mata	ACANTHURIDAE	V
Acanthurus olivaceus	**ACANTHURIDAE**	**V**
Acanthurus triostegus	ACANTHURIDAE	V
Naso annulatus	ACANTHURIDAE	V
Naso brevirostris	ACANTHURIDAE	V
Naso vlamingii	ACANTHURIDAE	V
Trinectes fonsecensis	ACHIRIDAE	V
Albula esuncula	ALBULIDAE	V
Antennarius commerson	ANTENNARIIDAE	V
Xanthichthys caeruleolineatus	BALISTIDAE	V
Xanthichthys mento	BALISTIDAE	V
Tylosurus pacificus	BELONIDAE	V
Scartichthys gigas	BLENNIIDAE	V
Chaetodon auriga	CHAETODONTIDAE	V
Chaetodon kleinii	CHAETODONTIDAE	V
Chaetodon lunula	CHAETODONTIDAE	V
Chaetodon meyeri	CHAETODONTIDAE	V
Chaetodon punctatofasciatus	**CHAETODONTIDAE**	**V**
Chaetodon unimaculatus	CHAETODONTIDAE	V
Syacium latifrons	CYCLOPSETTIDAE	V
Syacium maculiferum	CYCLOPSETTIDAE	V
Cyclichthys spilostylus	DIODONTIDAE	V
Dormitator latifrons	ELEOTRIDAE	V
Eleotris picta	ELEOTRIDAE	V
Gobiomorus maculatus	ELEOTRIDAE	V
Elops affinis	ELOPIDAE	V
Cetengraulis mysticetus	ENGRAULIDAE	V
Epinephelus analogus	EPINEPHELIDAE	V
Epinephelus quinquefasciatus	**EPINEPHELIDAE**	**V**
Fistularia corneta	FISTULARIIDAE	V
Evorthodus minutus	GOBIIDAE	V
Microdesmus dipus	GOBIIDAE	V
Rhencus macracanthus	HAEMULIDAE	V
Xenichthys xanti	HAEMULIDAE	V
Hyporhamphus gilli	HEMIRAMPHIDAE	V
Kyphosus cinerascens	KYPHOSIDAE	V
Calotomus carolinus	LABRIDAE-SCARINAE	V
Halichoeres adustus	LABRIDAE	V
Lobotes pacifica	LOBOTIDAE	V
Lutjanus colorado	LUTJANIDAE	V
Pristipomoides zonatus	LUTJANIDAE	V
Cantherhines dumerilii	MONACANTHIDAE	V
Gymnothorax buroensis	MURAENIDAE	V
Gymnothorax flavimarginatus	MURAENIDAE	V
Gymnothorax javanicus	MURAENIDAE	V
Gymnothorax meleagris	MURAENIDAE	V
Gymnothorax pictus	MURAENIDAE	V
Gymnothorax porphyreus	MURAENIDAE	V
Gymnothorax undulatus	MURAENIDAE	V
Scuticaria tigrina	MURAENIDAE	V
Scytalichthys miurus	OPHICHTHIDAE	V
Polydactylus approximans	POLYNEMIDAE	V
Pomacanthus zonipectus	POMACANTHIDAE	V
Azurina intercrusma	POMACENTRIDAE	V
Larimus pacificus	SCIAENIDAE	V
Taenianotus triacanthus	SCORPAENIDAE	V
Diplectrum eumelum	SERRANIDAE	V
Sphyraena barracuda	SPHYRAENIDAE	V
Arothron nigropunctatus	TETRAODONTIDAE	V
Canthigaster amboinensis	TETRAODONTIDAE	V
Canthigaster janthinoptera	TETRAODONTIDAE	V
Canthigaster valentini	TETRAODONTIDAE	V
Kathetostoma averruncus	URANOSCOPIDAE	V
OTHER VAGRANTS (13) = deep x2, nr/off pelagic x5/x6		
Hemanthias peruanus	ANTHIADIDAE	V
Monolene maculipinna	BOTHIDAE	V
Brama japonica	**BRAMIDAE**	**V**
Bregmaceros bathymaster	BREGMACEROTIDAE	V
Caranx ignobilis	CARANGIDAE	V
Euprepocaranx dorsalis	CARANGIDAE	V
Ferdauia orthogrammus	CARANGIDAE	V
Gnathanodon speciosus	CARANGIDAE	V
Trachinotus kennedyi	CARANGIDAE	V
Carcharhinus amblyrhynchos	CARCHARHINIDAE	V
Carcharodon carcharias	LAMNIDAE	V
Aetomylaeus asperrimus	MYLIOBATIDAE	V
Lactoria diaphana	OSTRACIIDAE	V

TABLE 5 (p. 1)

Fishes of the Galapagos Archipelago

shallow shorefish residents (266 spp.)

Species	Family	Resident Vagrant Endemic
Acanthurus nigricans	ACANTHURIDAE	R
Acanthurus xanthopterus	ACANTHURIDAE	R
Ctenochaetus marginatus	**ACANTHURIDAE**	**R**
Naso hexacanthus	ACANTHURIDAE	**R**
Prionurus laticlavius	ACANTHURIDAE	R
Sardinops sagax	ALOSIDAE	R
Ammodytoides gilli	AMMODYTIDAE	R
Anguilla marmorata	ANGUILLIDAE	R
Abantennarius sanguineus	ANTENNARIIDAE	R
Antennatus strigatus	ANTENNARIIDAE	R
Fowlerichthys avalonis	ANTENNARIIDAE	R
Apogon atradorsatus	APOGONIDAE	R
Apogon dovii	APOGONIDAE	R
Apogon pacificus	APOGONIDAE	R
Atherinella nesiotes	ATHERINOPSIDAE	**RE**
Melanorhinus cyanellus	ATHERINOPSIDAE	R
Aulostomus chinensis	AULOSTOMIDAE	R
Balistes polylepis	BALISTIDAE	R
Canthidermis maculata	BALISTIDAE	R
Melichthys niger	BALISTIDAE	R
Melichthys vidua	BALISTIDAE	**R**
Pseudobalistes naufragium	BALISTIDAE	R
Sufflamen verres	BALISTIDAE	R
Platybelone argalus pterura	BELONIDAE	R
Strongylura exilis	BELONIDAE	R
Tylosurus fodiator	BELONIDAE	**R**
Entomacrodus chiostictus	BLENNIIDAE	R
Hypsoblennius brevipinnis	BLENNIIDAE	R
Ophioblennius steindachneri	BLENNIIDAE	R
Plagiotremus azaleus	BLENNIIDAE	R
Bothus leopardinus	BOTHIDAE	R
Bothus mancus	BOTHIDAE	R
Branchiostomus elongatus	BRANCHIOSTOMATIDAE	R
Calamopteryx jeb	BYTHITIDAE	RE
Grammonus diagrammus	BYTHITIDAE	R
Petrotyx hopkinsi	BYTHITIDAE	R
Synchiropus atrilabiatus	CALLIONYMIDAE	R
Centropomus viridis	CENTROPOMIDAE	R
Acanthemblemaria castroi	CHAENOPSIDAE	RE
Chaenopsis schmitti	CHAENOPSIDAE	RE
Chaetodon humeralis	CHAETODONTIDAE	R
Forcipiger flavissimus	CHAETODONTIDAE	R
Johnrandallia nigrirostris	CHAETODONTIDAE	R
Prognathodes carlhubbsi	CHAETODONTIDAE	R
Chanos chanos	CHANIDAE	R
Cirrhitichthys oxycephalus	CIRRHITIDAE	R
Cirrhitus rivulatus	CIRRHITIDAE	R
Oxycirrhites typus	CIRRHITIDAE	R
Harengula thrissina	CLUPEIDAE	R
Lile stolifera	CLUPEIDAE	R
Opisthonema berlangai	CLUPEIDAE	RE
Opisthonema libertate	CLUPEIDAE	R
Heteroconger klausewitzi	CONGRIDAE	R
Citharichthys darwini	CYCLOPSETTIDAE	RE
Citharichthys gnathus	CYCLOPSETTIDAE	R
Symphurus atramentatus	CYNOGLOSSIDAE	R
Dactyloscopus lacteus	DACTYLOSCOPIDAE	RE
Gillellus semicinctus	DACTYLOSCOPIDAE	R
Myxodagnus sagitta	DACTYLOSCOPIDAE	RE
Platygillellus rubellulus	DACTYLOSCOPIDAE	RE
Hypanus dipterurus	DASYATIDAE	R
Hypanus longus	DASYATIDAE	R
Ogilbia deroyi	DINEMATICHTHYIDAE	RE
Ogilbia galapagosensis	DINEMATICHTHYIDAE	RE
Chilomycterus reticulatus	DIODONTIDAE	R
Diodon holocanthus	DIODONTIDAE	R
Diodon hystrix	DIODONTIDAE	R
Etrumeus acuminatus	DUSSUMIERIIDAE	R
Anchoa argentivittata	ENGRAULIDAE	R
Anchoa ischana	ENGRAULIDAE	R
Engraulis ringens	ENGRAULIDAE	R
Alphestes immaculatus	EPINEPHELIDAE	R
Cephalopholis colonus	EPINEPHELIDAE	R
Cephalopholis panamensis	EPINEPHELIDAE	R
Dermatolepis dermatolepis	EPINEPHELIDAE	R
Epinephelus labriformis	EPINEPHELIDAE	R
Hyporthodus mystacinus	EPINEPHELIDAE	R
Hyporthodus niphobles	EPINEPHELIDAE	R
Mycteroperca olfax	EPINEPHELIDAE	R
Fistularia commersonii	FISTULARIIDAE	R

TABLE 5 (p. 2)

Fishes of the Galapagos Archipelago

shallow shorefish residents (266 spp.)

Species	Family	Resident Vagrant Endemic
Diapterus brevirostris	GERREIDAE	R
Eucinostomus currani	GERREIDAE	R
Eucinostomus dowii	GERREIDAE	R
Eucinostomus gracilis	GERREIDAE	R
Eugerres lineatus	GERREIDAE	R
Gerres simillimus	GERREIDAE	R
Girella freminvillii	GIRELLIDAE	RE
Arcos poecilophthalmos	GOBIESOCIDAE	R
Tomicodon chilensis	GOBIESOCIDAE	R
Tomicodon petersii	GOBIESOCIDAE	R
Bathygobius lineatus	GOBIIDAE	R
Chriolepis tagus	GOBIIDAE	RE
Clarkichthys bilineatus	GOBIIDAE	R
Coryphopterus urospilus	GOBIIDAE	R
Eleotrica cableae	GOBIIDAE	RE
Lythrypnus gilberti	GOBIIDAE	RE
Lythrypnus rhizophora	GOBIIDAE	R
Schindleria praematura	GOBIIDAE	R
Tigrigobius nesiotes	GOBIIDAE	R
Pseudogramma thaumasia	GRAMMISTIDAE	R
Rypticus bicolor	GRAMMISTIDAE	R
Rypticus nigripinnis	GRAMMISTIDAE	R
Anisotremus espinozai	HAEMULIDAE	R
Anisotremus scapularis	HAEMULIDAE	R
Brachygenys jessiae	HAEMULIDAE	RE
Haemulon maculicauda	HAEMULIDAE	R
Haemulon scudderii	HAEMULIDAE	R
Haemulon sexfasciatum	HAEMULIDAE	R
Microlepidotus lethopristis	HAEMULIDAE	RE
Orthopristis cantharina	HAEMULIDAE	R
Orthopristis chalcea	HAEMULIDAE	R
Orthopristis forbesi	HAEMULIDAE	RE
Xenichthys agassizii	HAEMULIDAE	RE
Hemiramphus saltator	HEMIRAMPHIDAE	R
Hyporhamphus naos	HEMIRAMPHIDAE	R
Heterodontus quoyi	HETERODONTIDAE	R
Myripristis berndti	HOLOCENTRIDAE	R
Myripristis leiognathus	HOLOCENTRIDAE	R
Neoniphon suborbitalis	HOLOCENTRIDAE	R
Kuhlia mugil	KUHLIIDAE	R
Kyphosus elegans	KYPHOSIDAE	R
Kyphosus ocyurus	KYPHOSIDAE	R
Kyphosus sectatrix	KYPHOSIDAE	R
Kyphosus vaigiensis	KYPHOSIDAE	R
Bodianus darwini	LABRIDAE	R
Bodianus diplotaenia	LABRIDAE	R
Bodianus eclancheri	LABRIDAE	R
Halichoeres chierchiae	LABRIDAE	R
Halichoeres dispilus	LABRIDAE	R
Halichoeres malpelo	**LABRIDAE**	**R**
Halichoeres nicholsi	LABRIDAE	R
Halichoeres notospilus	LABRIDAE	R
Iniistius pavo	LABRIDAE	R
Nicholsina denticulata	LABRIDAE-SCARINAE	R
Novaculichthys taeniourus	LABRIDAE	R
Scarus compressus	LABRIDAE-SCARINAE	R
Scarus ghobban	LABRIDAE-SCARINAE	R
Scarus perrico	LABRIDAE-SCARINAE	R
Scarus rubroviolaceus	LABRIDAE-SCARINAE	R
Stethojulis bandanensis	LABRIDAE	R
Thalassoma grammaticum	LABRIDAE	R
Thalassoma lucasanum	LABRIDAE	R
Thalassoma purpureum	LABRIDAE	R
Xyrichtys victori	LABRIDAE	R
Cottoclinus canops	LABRISOMIDAE	RE
Dialommus fuscus	LABRISOMIDAE	R
Gobioclinus dendriticus	LABRISOMIDAE	R
Labrisomus jenkinsi	LABRISOMIDAE	RE
Labrisomus multiporosus	LABRISOMIDAE	R
Malacoctenus tetranemus	LABRISOMIDAE	R
Malacoctenus zonogaster	LABRISOMIDAE	RE
Starksia galapagensis	LABRISOMIDAE	RE
Caulolatilus affinis	LATILIDAE	R
Caulolatilus princeps	LATILIDAE	R
Liopropoma fasciatum	LIOPROPOMATIDAE	R
Hoplopagrus guentherii	LUTJANIDAE	R
Lutjanus aratus	LUTJANIDAE	R
Lutjanus argentiventris	LUTJANIDAE	R
Lutjanus guttatus	LUTJANIDAE	R
Lutjanus inermis	LUTJANIDAE	R

TABLE 5 (p. 3)

Fishes of the Galapagos Archipelago

shallow shorefish residents (266 spp.)

Species	Family	Resident Vagrant Endemic
Lutjanus jordani	LUTJANIDAE	R
Lutjanus novemfasciatus	LUTJANIDAE	R
Lutjanus viridis	LUTJANIDAE	R
Malacanthus brevirostris	MALACANTHIDAE	R
Hemilutjanus macrophthalmos	MALAKICHTHYIDAE	R
Aluterus monoceros	MONACANTHIDAE	**R**
Aluterus scriptus	MONACANTHIDAE	R
Chaenomugil proboscideus	MUGILIDAE	R
Dajaus monticola	MUGILIDAE	R
Mugil galapagensis	MUGILIDAE	RE
Mugil thoburni	MUGILIDAE	RE
Mulloidichthys dentatus	MULLIDAE	R
Pseudupeneus grandisquamis	MULLIDAE	R
Anarchias galapagensis	MURAENIDAE	R
Echidna nebulosa	MURAENIDAE	R
Echidna nocturna	MURAENIDAE	R
Enchelycore lichenosa	MURAENIDAE	R
Enchelycore octaviana	MURAENIDAE	R
Gymnomuraena zebra	MURAENIDAE	R
Gymnothorax angusticeps	MURAENIDAE	R
Gymnothorax castaneus	MURAENIDAE	R
Gymnothorax dovii	MURAENIDAE	R
Gymnothorax panamensis	MURAENIDAE	R
Muraena argus	MURAENIDAE	R
Muraena clepsydra	MURAENIDAE	R
Muraena lentiginosa	MURAENIDAE	R
Uropterygius macrocephalus	MURAENIDAE	R
Uropterygius polystictus	MURAENIDAE	R
Uropterygius versutus	MURAENIDAE	R
Ogcocephalus darwini	OGCOCEPHALIDAE	R
Apterichtus equatorialis	OPHICHTHIDAE	R
Bascanichthys bascanoides	OPHICHTHIDAE	R
Callechelys galapagensis	OPHICHTHIDAE	RE
Herpetoichthys fossatus	OPHICHTHIDAE	R
Ichthyapus selachops	OPHICHTHIDAE	R
Myrichthys xysturus	OPHICHTHIDAE	R
Ophichthus arneutes	OPHICHTHIDAE	RE
Ophichthus rugifer	OPHICHTHIDAE	R
Paraletharchus opercularis	OPHICHTHIDAE	R
Phaenomonas pinnata	OPHICHTHIDAE	R
Quassiremus evionthas	OPHICHTHIDAE	R
Brotula ordwayi	OPHIDIIDAE	R
Echiodon exsilium	OPHIDIIDAE	R
Encheliophis vermicularis	OPHIDIIDAE	R
Lepophidium pardale	OPHIDIIDAE	R
Ophidion galapagensis	OPHIDIIDAE	R
Otophidium indefatigabile	OPHIDIIDAE	R
Opistognathus galapagensis	OPISTOGNATHIDAE	**R**
Oplegnathus insignis	OPLEGNATHIDAE	R
Ostracion meleagris	OSTRACIIDAE	R
Hippoglossina bollmani	PARALICHTHYIDAE	R
Paralichthys woolmani	PARALICHTHYIDAE	R
Holacanthus passer	POMACANTHIDAE	R
Abudefduf concolor	POMACENTRIDAE	R
Abudefduf troschelii	POMACENTRIDAE	R
Azurina atrilobata	POMACENTRIDAE	R
Azurina eupalama	POMACENTRIDAE	RE
Chromis alta	POMACENTRIDAE	R
Microspathodon bairdii	POMACENTRIDAE	R
Microspathodon dorsalis	POMACENTRIDAE	R
Nexilosus latifrons	POMACENTRIDAE	R
Stegastes acapulcoensis	POMACENTRIDAE	R
Stegastes arcifrons	POMACENTRIDAE	R
Stegastes beebei	POMACENTRIDAE	R
Stegastes flavilatus	POMACENTRIDAE	R
Styracura pacifica	POTAMOTRYGONIDAE	R
Heteropriacanthus carolinus	PRIACANTHIDAE	R
Pristigenys serrula	PRIACANTHIDAE	R
Rostroraja velezi	RAJIDAE	R
Pseudobatos planiceps	RHINOBATIDAE	R
Corvula macrops	SCIAENIDAE	R
Odontoscion eurymesops	SCIAENIDAE	R
Pareques perissa	SCIAENIDAE	RE
Umbrina galapagorum	SCIAENIDAE	RE
Scorpaena histrio	SCORPAENIDAE	R
Scorpaena mystes	SCORPAENIDAE	R
Scorpaena wellingtoni	SCORPAENIDAE	RE
Scorpaenodes xyris	SCORPAENIDAE	R
Cratinus agassizii	SERRANIDAE	R
Diplectrum rostrum	SERRANIDAE	R

TABLE 5 (p. 4)

Fishes of the Galapagos Archipelago

shallow shorefish residents (266 spp.)

Species	Family	Resident Vagrant Endemic
Paralabrax albomaculatus	SERRANIDAE	RE
Serranus psittacinus	SERRANIDAE	R
Aseraggodes herrei	SOLEIDAE	R
Archosargus pourtalesii	SPARIDAE	RE
Calamus brachysomus	SPARIDAE	R
Calamus taurinus	SPARIDAE	RE
Sphyraena idiastes	SPHYRAENIDAE	R
Sphyraena stellata	SPHYRAENIDAE	R
Bryx veleronis	SYNGNATHIDAE	R
Cosmocampus coccineus	SYNGNATHIDAE	R
Doryrhamphus melanopleura	SYNGNATHIDAE	R
Hippocampus ingens	SYNGNATHIDAE	R
Synodus lacertinus	SYNODONTIDAE	R
Synodus scituliceps	SYNODONTIDAE	R
Synodus sechurae	SYNODONTIDAE	R
Arothron hispidus	TETRAODONTIDAE	R
Arothron meleagris	TETRAODONTIDAE	R
Canthigaster punctatissima	TETRAODONTIDAE	R
Sphoeroides angusticeps	TETRAODONTIDAE	R
Sphoeroides annulatus	TETRAODONTIDAE	R
Sphoeroides lobatus	TETRAODONTIDAE	R
Tetronarce tremens	TORPEDINIDAE	R
Prionotus miles	TRIGLIDAE	RE
Prionotus pictus	**TRIGLIDAE**	**RE**
Lepidonectes corallicola	TRIPTERYGIIDAE	RE
Zanclus cornutus	ZANCLIDAE	R

nearshore pelagics (26 spp.)

Species	Family	Resident Vagrant Endemic
Alectis ciliaris	CARANGIDAE	R
Caranx caballus	CARANGIDAE	R
Caranx caninus	CARANGIDAE	R
Caranx ignobilis	CARANGIDAE	V
Caranx lugubris	CARANGIDAE	R
Caranx melampygus	CARANGIDAE	R
Caranx sexfasciatus	CARANGIDAE	R
Decapterus macarellus	CARANGIDAE	R
Decapterus macrosoma	CARANGIDAE	R
Decapterus muroadsi	CARANGIDAE	R
Elagatis bipinnulata	CARANGIDAE	R
Euprepocaranx dorsalis	CARANGIDAE	V
Ferdauia orthogrammus	CARANGIDAE	V
Gnathanodon speciosus	CARANGIDAE	V
Oligoplites inornatus	CARANGIDAE	R
Selar crumenophthalmus	CARANGIDAE	R
Selene peruviana	CARANGIDAE	R
Seriola lalandi	CARANGIDAE	R
Seriola peruana	CARANGIDAE	R
Seriola rivoliana	CARANGIDAE	R
Trachinotus kennedyi	CARANGIDAE	V
Trachinotus paitensis	CARANGIDAE	R
Trachinotus rhodopus	CARANGIDAE	R
Trachinotus stilbe	CARANGIDAE	R
Trachurus murphyi	CARANGIDAE	R
Uraspis helvola	CARANGIDAE	R

TABLE 6 (p. 1)

Fishes of the Galapagos Archipelago

deepwater demersal (non-pelagic) (126 spp.)

Species	Family	Resident Vagrant Endemic
Anthias noeli	ANTHIADIDAE	R
Hemanthias peruanus	ANTHIADIDAE	V
Pronotogrammus multifasciatus	ANTHIADIDAE	R
Bathyraja abyssicola	ARHYNCHOBATIDAE	R
Bathyraja peruana	ARHYNCHOBATIDAE	R
Bathyraja richardsoni	ARHYNCHOBATIDAE	R
Bathyraja spinosissima	ARHYNCHOBATIDAE	R
Aulopus chirichignoae	AULOPIDAE	R
Monolene maculipinna	BOTHIDAE	V
Bellottia sp.	BYTHITIDAE	R
Cataetyx rubirostris	BYTHITIDAE	R
Cataetyx simus	BYTHITIDAE	R
Diplacanthopoma jordani	BYTHITIDAE	R
Lucifuga inopinata	BYTHITIDAE	RE
Pseudonus acutus	BYTHITIDAE	**R**
Thermichthys hollisi	**BYTHITIDAE**	**RE**
Centrophorus squamosus	CENTROPHORIDAE	R
Chaunacops coloratus	CHAUNACIDAE	R
Hydrolagus alphus	CHIMAERIDAE	RE
Hydrolagus mccoskeri	CHIMAERIDAE	RE
Hydrolagus melanophasma	CHIMAERIDAE	R
Hydrolagus n. sp.	CHIMAERIDAE	RE
Chlopsis bicollaris	CHLOPSIDAE	R
Chlorophthalmus mento	CHLOROPHTHALMIDAE	R
Ariosoma gilberti	CONGRIDAE	R
Bathycongrus varidens	CONGRIDAE	R
Japonoconger proriger	CONGRIDAE	R
Paraconger californiensis	CONGRIDAE	R
Paraconger similis	CONGRIDAE	R
Xenomystax atrarius	CONGRIDAE	R
Symphurus diabolicus	CYNOGLOSSIDAE	R
Symphurus varius	CYNOGLOSSIDAE	R
Taeniurops meyeni	DASYATIDAE	R
Echinorhinus cookei	ECHINORHINIDAE	R
Epigonus macrops	EPIGONIDAE	R
Hyporthodus cifuentesi	EPINEPHELIDAE	R
Centroscyllium nigrum	ETMOPTERIDAE	R
Gurgesiella furvescens	GURGESIELLIDAE	R
Halosaurus attenuatus	HALOSAURIDAE	R
Hexanchus griseus	HEXANCHIDAE	R
Notorynchus cepedianus	HEXANCHIDAE	R
Howella pammelas	HOWELLIDAE	R
Bathypterois atricolor	IPNOPIDAE	R
Bathypterois pectinatus	IPNOPIDAE	R
Ipnops agassizii	IPNOPIDAE	R
Decodon melasma	LABRIDAE	R
Sagittalarva inornata	LABRIDAE	R
Liopropoma longilepis	LIOPROPOMATIDAE	R
Paraliparis darwini	LIPARIDAE	RE
Paraliparis galapagosensis	LIPARIDAE	RE
Lophiodes spilurus	LOPHIIDAE	R
Coelorinchus canus	MACROURIDAE	R
Coryphaenoides anguliceps	MACROURIDAE	R
Coryphaenoides armatus	MACROURIDAE	R
Coryphaenoides boops	MACROURIDAE	R
Coryphaenoides bucephalus	MACROURIDAE	R
Coryphaenoides bulbiceps	MACROURIDAE	R
Coryphaenoides delsolari	MACROURIDAE	R
Coryphaenoides gypsochilus	MACROURIDAE	RE
Coryphaenoides myersi	MACROURIDAE	RE
Mataeocephalus tenuicauda	MACROURIDAE	R
Nezumia convergens	MACROURIDAE	R
Nezumia loricata	MACROURIDAE	RE
Nezumia parini	**MACROURIDAE**	**R**
Nezumia stelgidolepis	MACROURIDAE	R
Nezumia ventralis	MACROURIDAE	RE
Antimora rostrata	MORIDAE	R
Gadella filifer	MORIDAE	R
Gadella thysthlon	MORIDAE	RE
Laemonema gracillipes	MORIDAE	R
Physiculus nematopus	MORIDAE	R
Myroconger nigrodentatus	MYROCONGRIDAE	R
Eptatretus bobwisneri	MYXINIDAE	RE
Eptatretus goslinei	MYXINIDAE	RE
Eptatretus grouseri	MYXINIDAE	RE
Eptatretus mccoskeri	MYXINIDAE	RE
Myxine greggi	MYXINIDAE	RE
Myxine martinii	MYXINIDAE	RE
Myxine phantasma	MYXINIDAE	RE
Rubicundus lakeside	MYXINIDAE	RE

TABLE 6 (p. 2)

Fishes of the Galapagos Archipelago

deepwater demersal (non-pelagic) (126 spp.)

Species	Family	Resident Vagrant Endemic
Facciolella equatorialis	NETTASTOMATIDAE	R
Notacanthus spinosus	NOTACANTHIDAE	R
Dibranchus cracens	OGCOCEPHALIDAE	RE
Dibranchus discors	OGCOCEPHALIDAE	RE
Dibranchus erinaceus	OGCOCEPHALIDAE	R
Dibranchus hystrix	OGCOCEPHALIDAE	R
Halieutopsis tumifrons	OGCOCEPHALIDAE	RE
Bathyonus caudalis	OPHIDIIDAE	R
Dicrolene nigra	OPHIDIIDAE	R
Eretmichthys pinnatus	OPHIDIIDAE	R
Lamprogrammus niger	OPHIDIIDAE	R
Monomitopus malispinosus	OPHIDIIDAE	R
Monomitopus torvus	OPHIDIIDAE	R
Porogadus promelas	**OPHIDIIDAE**	**R**
Spectrunculus crassus	**OPHIDIIDAE**	**R**
Apristurus kampae	PENTANCHIDAE	R
Apristurus n. sp.	PENTANCHIDAE	RE
Psychrolutes sio	PSYCHROLUTIDAE	R
Rajella eisenhardti	RAJIDAE	RE
Ectreposebastes imus	SCORPAENIDAE	R
Idiastion hageyi	SCORPAENIDAE	RE
Phenacoscorpius mccoskeri	SCORPAENIDAE	RE
Pontinus clemensi	SCORPAENIDAE	R
Pontinus furcirhinus	SCORPAENIDAE	R
Pontinus sierra	SCORPAENIDAE	R
Scorpaena cocosensis	SCORPAENIDAE	R
Scorpaenodes rubrivinctus	SCORPAENIDAE	R
Sebastolobus altivelis	SCORPAENIDAE	R
Trachyscorpia osheri	SCORPAENIDAE	R
Bythaelurus giddingsi	SCYLIORHINIDAE	RE
Galeus n. sp.	SCYLIORHINIDAE	RE
Serranus aequidens	SERRANIDAE	R
Serranus stilbostigma	SERRANIDAE	RE
Ilyophis arx	SYNAPHOBRANCHIDAE	R
Ilyophis brunneus	SYNAPHOBRANCHIDAE	R
Hoplostethus pacificus	TRACHICHTHYIDAE	RE
Trachyrincus helolepis	TRACHYRINCIDAE	R
Mustelus albipinnis	TRIAKIDAE	R
Mustelus mento	TRIAKIDAE	R
Triakis maculata	TRIAKIDAE	R
Bellator farrago	TRIGLIDAE	R
Peristedion crustosum	TRIGLIDAE	R
Lycodapus australis	ZOARCIDAE	R
Melanostigma bathium	ZOARCIDAE	R
Pachycara rimae	**ZOARCIDAE**	**RE**
Thermarces cerberus	ZOARCIDAE	R

TABLE 7 (p. 1)

Fishes of the Galapagos Archipelago

offshore pelagics (101 spp.)

Species	Family	Resident Vagrant Endemic
Aetobatus ocellatus	AETOBATIDAE	R
Alopias pelagicus	ALOPIIDAE	R
Ablennes hians	BELONIDAE	R
Brama dussumieri	BRAMIDAE	R
Brama japonica	**BRAMIDAE**	**V**
Taractes rubescens	BRAMIDAE	R
Bregmaceros bathymaster	BREGMACEROTIDAE	V
Naucrates ductor	CARANGIDAE	R
Carcharhinus albimarginatus	CARCHARHINIDAE	R
Carcharhinus altimus	CARCHARHINIDAE	R
Carcharhinus amblyrhynchos	CARCHARHINIDAE	V
Carcharhinus falciformis	CARCHARHINIDAE	R
Carcharhinus galapagensis	CARCHARHINIDAE	R
Carcharhinus limbatus	CARCHARHINIDAE	R
Carcharhinus longimanus	CARCHARHINIDAE	R
Nasolamia velox	CARCHARHINIDAE	R
Prionace glauca	CARCHARHINIDAE	R
Triaenodon obesus	CARCHARHINIDAE	R
Paracaristius sp.	CARISTIIDAE	R
Seriolella violacea	CENTROLOPHIDAE	R
Coryphaena equiselis	CORYPHAENIDAE	R
Coryphaena hippurus	CORYPHAENIDAE	R
Isistius brasiliensis	DALATIIDAE	R
Pteroplatytrygon violacea	DASYATIDAE	R
Echeneis naucrates	ECHENEIDAE	R
Phtheirichthys lineatus	ECHENEIDAE	R
Remora albescens	ECHENEIDAE	R
Remora brachyptera	ECHENEIDAE	R
Remora osteochir	ECHENEIDAE	R
Remora remora	ECHENEIDAE	R
Cheilopogon atrisignis	EXOCOETIDAE	R
Cheilopogon dorsomacula	EXOCOETIDAE	R
Cheilopogon furcatus	**EXOCOETIDAE**	**R**
Cheilopogon spilonotopterus	EXOCOETIDAE	R
Cheilopogon xenopterus	EXOCOETIDAE	R
Cypselurus callopterus	EXOCOETIDAE	R
Exocoetus monocirrhus	EXOCOETIDAE	R
Exocoetus volitans	EXOCOETIDAE	R
Fodiator rostratus	EXOCOETIDAE	R
Hirundichthys marginatus	EXOCOETIDAE	R
Hirundichthys speculiger	EXOCOETIDAE	R
Galeocerdo cuvier	GALEOCERDONIDAE	R
Gempylus serpens	GEMPYLIDAE	R
Lepidocybium flavobrunneum	GEMPYLIDAE	R
Nealotus tripes	GEMPYLIDAE	R
Ruvettus pretiosus	GEMPYLIDAE	R
Euleptorhamphus viridis	HEMIRAMPHIDAE	R
Oxyporhamphus micropterus	HEMIRAMPHIDAE	R
Istiompax indica	ISTIOPHORIDAE	R
Istiophorus platypterus	ISTIOPHORIDAE	R
Kajikia audax	ISTIOPHORIDAE	R
Makaira nigricans	ISTIOPHORIDAE	R
Tetrapturus angustirostris	ISTIOPHORIDAE	R
Carcharodon carcharias	LAMNIDAE	V
Isurus oxyrinchus	LAMNIDAE	R
Luvarus imperialis	LUVARIDAE	R
Mobula birostris	MOBULIDAE	R
Mobula mobular	MOBULIDAE	R
Mobula munkiana	MOBULIDAE	R
Mobula tarapacana	MOBULIDAE	R
Mobula thurstoni	MOBULIDAE	R
Masturus lanceolatus	MOLIDAE	R
Mola alexandrini	MOLIDAE	R
Aetomylaeus asperrimus	MYLIOBATIDAE	V
Myliobatis peruviana	MYLIOBATIDAE	R
Cubiceps baxteri	**NOMEIDAE**	**R**
Cubiceps pauciradiatus	NOMEIDAE	R
Nomeus gronovii	NOMEIDAE	R
Psenes arafurensis	NOMEIDAE	R
Psenes cyanophrys	NOMEIDAE	R
Psenes pellucidus	NOMEIDAE	R
Psenes sio	NOMEIDAE	R
Odontaspis ferox	ODONTASPIDIDAE	R
Lactoria diaphana	OSTRACIIDAE	V
Regalecus russellii	REGALECIDAE	R
Rhincodon typus	RHINCODONTIDAE	R
Rhinoptera steindachneri	RHINOPTERIDAE	R
Cololabis ***adoceta***	SCOMBERESOCIDAE	R
Scomberesox scombroides	**SCOMBERESOCIDAE**	**R**
Acanthocybium solandri	SCOMBRIDAE	R

TABLE 7 (p. 2)

Fishes of the Galapagos Archipelago

offshore pelagics (101 spp.)

Species	Family	Resident Vagrant Endemic
Auxis rochei	SCOMBRIDAE	R
Auxis thazard	SCOMBRIDAE	R
Euthynnus lineatus	SCOMBRIDAE	R
Katsuwonus pelamis	SCOMBRIDAE	R
Sarda orientalis	SCOMBRIDAE	R
Scomber japonicus	SCOMBRIDAE	R
Scomberomorus sierra	SCOMBRIDAE	R
Thunnus albacares	SCOMBRIDAE	R
Thunnus obesus	SCOMBRIDAE	R
Sphyrna lewini	SPHYRNIDAE	R
Sphyrna zygaena	SPHYRNIDAE	R
Peprilus medius	STROMATEIDAE	R
Tetragonurus atlanticus	TETRAGONURIDAE	R
Lagocephalus lagocephalus	TETRAODONTIDAE	R
Desmodema polystictum	TRACHIPTERIDAE	R
Zu cristatus	TRACHIPTERIDAE	R
Aphanopus capricornis	TRICHIURIDAE	R
Benthodesmus tenuis	TRICHIURIDAE	R
Lepidopus manis	TRICHIURIDAE	R
Trichiurus nitens	TRICHIURIDAE	R
Xiphias gladius	XIPHIIDAE	R

TABLE 8 (p. 1)

Fishes of the Galapagos Archipelago

mesopelagic fishes (136 spp.)

Species	Family	Resident Vagrant Endemic
Bathytroctes macrolepis	ALEPOCEPHALIDAE	R
Einara macrolepis	ALEPOCEPHALIDAE	R
Narcetes erimelas	ALEPOCEPHALIDAE	R
Photostylus pycnopterus	ALEPOCEPHALIDAE	R
Alopias superciliosus	ALOPIIDAE	R
Anoplogaster cornuta	ANOPLOGASTRIDAE	R
Argentina aliceae	ARGENTINIDAE	R
Guentherus altivela	ATELEOPODIDAE	R
Bathylagoides nigrigenys	BATHYLAGIDAE	R
Bathylagus wesethi	**BATHYLAGIDAE**	**R**
Leuroglossus ***stilbius***	BATHYLAGIDAE	R
Cryptopsaras ***couesii***	CERATIIDAE	R
Cetomimus gillii	CETOMIMIDAE	R
Chiasmodon niger	CHIASMODONTIDAE	R
Chiasmodon subniger	CHIASMODONTIDAE	R
Evermannella ahlstromi	EVERMANNELLIDAE	R
Gigantactis vanhoeffeni	GIGANTACTINIDAE	R
Cyclothone acclinidens	GONOSTOMATIDAE	R
Cyclothone alba	GONOSTOMATIDAE	R
Cyclothone atraria	GONOSTOMATIDAE	R
Cyclothone braueri	**GONOSTOMATIDAE**	**R**
Cyclothone microdon	**GONOSTOMATIDAE**	**R**
Cyclothone obscura	GONOSTOMATIDAE	R
Cyclothone pallida	GONOSTOMATIDAE	R
Cyclothone pseudopallida	**GONOSTOMATIDAE**	**R**
Cyclothone signata	GONOSTOMATIDAE	R
Diplophos proximus	GONOSTOMATIDAE	R
Sigmops elongatus	**GONOSTOMATIDAE**	**R**
Borophryne apogon	LINOPHRYNIDAE	R
Melamphaes laeviceps	MELAMPHAIDAE	R
Melamphaes spinifer	MELAMPHAIDAE	R
Poromitra **cf.** *crassiceps*	MELAMPHAIDAE	R
Poromitra frontosa	MELAMPHAIDAE	R
Poromitra jucunda	MELAMPHAIDAE	R
Poromitra nigrofulva	MELAMPHAIDAE	R
Poromitra oscitans	MELAMPHAIDAE	R
Scopeloberyx opisthopterus	MELAMPHAIDAE	R
Scopeloberyx robustus	MELAMPHAIDAE	R
Scopelogadus bispinosus	MELAMPHAIDAE	R
Melanocetus murrayi	MELANOCETIDAE	R
Bolinichthys longipes	MYCTOPHIDAE	R
Centrobranchus andreae	**MYCTOPHIDAE**	**R**
Centrobranchus nigroocellatus	MYCTOPHIDAE	R
Dasyscopelus asper	**MYCTOPHIDAE**	**R**
Diaphus fulgens	**MYCTOPHIDAE**	**R**
Diaphus mollis	**MYCTOPHIDAE**	**R**
Diaphus pacificus	MYCTOPHIDAE	R
Diaphus parri	**MYCTOPHIDAE**	**R**
Diaphus ***rafinesquii***	MYCTOPHIDAE	R
Diaphus termophilus	MYCTOPHIDAE	R
Diaphus theta	MYCTOPHIDAE	R
Diogenichthys laternatus	MYCTOPHIDAE	R
Gonichthys tenuiculus	MYCTOPHIDAE	R
Gonichthys venetus	MYCTOPHIDAE	R
Hygophum ***reinhardtii***	MYCTOPHIDAE	R
Lampadena luminosa	MYCTOPHIDAE	R
Lampanyctus crypticus	**MYCTOPHIDAE**	**R**
Lampanyctus hubbsi	MYCTOPHIDAE	R
Lampanyctus idostigma	MYCTOPHIDAE	R
Lampanyctus macropterus	MYCTOPHIDAE	R
Lampanyctus nobilis	**MYCTOPHIDAE**	**R**
Lampanyctus omostigma	MYCTOPHIDAE	R
Lampanyctus parvicauda	MYCTOPHIDAE	R
Lampanyctus ritteri	MYCTOPHIDAE	R
Lampanyctus tenuiformis	MYCTOPHIDAE	R
Loweina rara	MYCTOPHIDAE	R
Myctophum brachygnathum	MYCTOPHIDAE	R
Myctophum affine	MYCTOPHIDAE	R
Myctophum aurolaternatum	MYCTOPHIDAE	R
Myctophum nitidulum	MYCTOPHIDAE	R
Notolychnus valdiviae	MYCTOPHIDAE	R
Notoscopelus elongatus	MYCTOPHIDAE	R
Notoscopelus resplendens	MYCTOPHIDAE	R
***Protomyctophum* sp.**	**MYCTOPHIDAE**	**R**
Symbolophorus evermanni	MYCTOPHIDAE	R
Symbolophorus reversus	MYCTOPHIDAE	R
Triphoturus mexicanus	MYCTOPHIDAE	R
Triphoturus nigricans	**MYCTOPHIDAE**	**R**
Triphoturus ***oculeus***	MYCTOPHIDAE	R
Avocettina infans	**NEMICHTHYIDAE**	**R**

TABLE 8 (p. 2)

Fishes of the Galapagos Archipelago

mesopelagic fishes (136 spp.)

Species	Family	Resident Vagrant Endemic
Nemichthys scolopaceus	NEMICHTHYIDAE	R
Scopelengys tristis	NEOSCOPELIDAE	R
Scopelosaurus harryi	**NOTOSUDIDAE**	**R**
Scopelosaurus hubbsi	NOTOSUDIDAE	R
Chaenophryne draco	ONEIRODIDAE	R
Dolopichthys allector	ONEIRODIDAE	R
Microlophichthys microlophus	ONEIRODIDAE	R
Pentherichthys atratus	ONEIRODIDAE	R
***Bathylychnops* sp.**	**OPISTHOPROCTIDAE**	**R**
Dolichopteryx pseudolongipes	OPISTHOPROCTIDAE	R
Lestidiops ***pacificus***	PARALEPIDIDAE	R
Lestidium bigelowi	**PARALEPIDIDAE**	**R**
Stemonosudis macrura	PARALEPIDIDAE	R
Ichthyococcus irregularis	PHOSICHTHYIDAE	R
Vinciguerria ***lucetius***	PHOSICHTHYIDAE	R
Vinciguerria nimbaria	**PHOSICHTHYIDAE**	**R**
Vinciguerria poweriae	PHOSICHTHYIDAE	R
Yarrella argenteola	PHOSICHTHYIDAE	R
Holtbyrnia latifrons	PLATYTROCTIDAE	R
Maulisia isaacsi	PLATYTROCTIDAE	R
Platytroctes apus	PLATYTROCTIDAE	R
Sagamichthys abei	**PLATYTROCTIDAE**	**R**
Rondeletia loricata	RONDELETIIDAE	R
Rosenblattichthys volucris	SCOPELARCHIDAE	R
Scopelarchoides nicholsi	SCOPELARCHIDAE	R
Scopelarchus guentheri	SCOPELARCHIDAE	R
Serrivomer sector	SERRIVOMERIDAE	R
Argyropelecus aculeatus	STERNOPTYCHIDAE	R
Argyropelecus affinis	STERNOPTYCHIDAE	R
Argyropelecus lychnus	STERNOPTYCHIDAE	R
Argyropelecus olfersii	STERNOPTYCHIDAE	R
Argyropelecus sladeni	STERNOPTYCHIDAE	R
Danaphos oculatus	**STERNOPTYCHIDAE**	**R**
Maurolicus australis	STERNOPTYCHIDAE	R
Sternoptyx diaphana	STERNOPTYCHIDAE	R
Sternoptyx obscura	STERNOPTYCHIDAE	R
Sternoptyx pseudobscura	STERNOPTYCHIDAE	R
Valencienellus tripunctulatus	STERNOPTYCHIDAE	R
Astronesthes cyanea	STOMIIDAE	R
Astronesthes galapagensis	STOMIIDAE	R
Astronesthes gibbsi	STOMIIDAE	R
Astronesthes indica	STOMIIDAE	R
Astronesthes lampara	STOMIIDAE	R
Bathophilus filifer	STOMIIDAE	R
Borostomias elucens	STOMIIDAE	R
Borostomias panamensis	STOMIIDAE	R
Chauliodus barbatus	STOMIIDAE	R
Chauliodus sloani	STOMIIDAE	R
Idiacanthus antrostomus	STOMIIDAE	R
Malacosteus niger	STOMIIDAE	R
Photonectes margarita	**STOMIIDAE**	**R**
Stomias atriventer	STOMIIDAE	R
Stomias colubrinus	STOMIIDAE	R
Stomias danae	**STOMIIDAE**	**R**
Thysanactis dentex	**STOMIIDAE**	**R**
Stylephorus chordatus	STYLEPHORIDAE	R