



## Lissenung Island fish species

Survey completed 30 June - 9 July 2011, Sept 2012, June 2013

### **Chaetodontidae – Butterflyfish**

Vagabond Butterflyfish	<i>Chaetodon vagabundus</i>
Chevroned Butterflyfish	<i>Chaetodon trifascialis</i>
Threadfin Butterflyfish	<i>Chaetodon auriga</i>
Spot-tail Butterflyfish	<i>Chaetodon ocellicaudus</i>
Eastern Triangular Butterflyfish	<i>Chaetodon baronessa</i>
Redfin Butterflyfish	<i>Chaetodon lunulatus</i>
Teardrop Butterflyfish	<i>Chaetodon unimaculatus</i>
Eclipse Butterflyfish	<i>Chaetodon bennetti</i>
Oval-spot Butterflyfish	<i>Chaetodon speculum</i>
Dotted Butterflyfish	<i>Chaetodon semeion</i>
Racoon Butterflyfish	<i>Chaetodon lunula</i>
Latticed Butterflyfish	<i>Chaetodon rafflesi</i>
Saddled Butterflyfish	<i>Chaetodon ephippium</i>
Spot-nape Butterflyfish	<i>Chaetodon oxycephalus</i>
Pacific Double-saddle Butterflyfish	<i>Chaetodon ulietensis</i>
Meyer's Butterflyfish	<i>Chaetodon meyersi</i>
Blacklip Butterflyfish	<i>Chaetodon kleinii</i>
Ornate Butterflyfish	<i>Chaetodon ornatissimus</i>
Eight-banded Butterflyfish	<i>Chaetodon octofasciatus</i>
Singular Bannerfish	<i>Heniochus singularius</i>
Longfin Bannerfish	<i>Heniochus acuminatus</i>
Pennant Bannerfish	<i>Heniochus chrysostomus</i>
Humphead Bannerfish	<i>Heniochus varius</i>
Ocellated Coralfish	<i>Parachaetodon ocellatus</i>
Long-beaked Coralfish	<i>Chelmon rostratus</i>
Longnose Butterflyfish	<i>Forcipiger flavissimus</i>

### **Pomacanthidae – Angelfish**

Bicolor Angelfish	<i>Centropyge bicolor</i>
Pearl-Scaled Angelfish	<i>Centropyge vroliki</i>
Midnight Angelfish	<i>Centropyge nox</i>
Yellow-mask Angelfish	<i>Pomacanthus xanthometopon</i>
Emperor Angelfish	<i>Pomacanthus imperator</i>
Six-banded Angelfish	<i>Pomacanthus sexstriatus</i>



Regal Angelfish  
 Vermiculated Angelfish (2 spp)

*Pygoplites diacanthus*  
*Chaetodontoplus mesoleucus* (and/or *poliourus*)

**Ephippidae – Spadefish**

Longfin Spadefish  
 Golden Spadefish  
 Pinnate Spadefish

*Platax teira*  
*Platax boersii*  
*Platax pinnatus*

**Acanthuridae - Surgeonfish**

Mimic Surgeonfish  
 Blue-lined Surgeonfish  
 Yellowfin Surgeonfish  
 Fine-lined Surgeonfish  
 Striped Surgeonfish  
 Brown Surgeonfish  
 Convict Surgeonfish  
 Brushtail Tang  
 Pacific Sailfin Tang  
 Lined Bristletooth  
 Orangetip Bristletooth  
 Gray Unicornfish  
 Spotted Unicornfish  
 Bignose Unicornfish  
 Orangespine Unicornfish  
 Moorish Idol

*Acanthurus pyroferus*  
*Acanthurus nigroris*  
*Acanthurus xanthopterus*  
*Acanthurus grammoptilus*  
*Acanthurus lineatus*  
*Acanthurus nigrofuscus*  
*Acanthurus triostegus*  
*Zebrasoma scopas*  
*Zebrasoma veliferum*  
*Ctenochaetus striatus*  
*Ctenochaetus tominiensis*  
*Naso caesius*  
*Naso brevirostris*  
*Naso vlamingii*  
*Naso lituratus*  
*Zanclus cornutus*

**Siganidae - Rabbitfish**

Barred Rabbitfish  
 Masked Rabbitfish  
 Virgate Rabbitfish  
 Lined Rabbitfish  
 Coral Rabbitfish (juv)  
 Fine-spotted Rabbitfish  
 Forktail Rabbitfish  
 White-spotted Rabbitfish  
 Foxface Rabbitfish

*Siganus doliatus*  
*Siganus puellus*  
*Siganus virgatus*  
*Siganus lineatus*  
*Siganus corallines*  
*Siganus punctatissimus*  
*Siganus argenteus*  
*Siganus canaliculatus*  
*Siganus vulpinus*



### **Pomacentridae - Damselfish**

Blacktail Sergeant	<i>Abudefduf lorenzi</i>
Banded Sergeant	<i>Abudefduf septemfasciatus</i>
Scissortail Sergeant	<i>Abudefduf sexfasciatus</i>
Indo-Pacific Sargeant	<i>Abudefduf vaigiensis</i>
Staghorn Damsel	<i>Amblyglyphidodon curacao</i>
Orange Anemonefish	<i>Amphiprion sandaracinos</i>
Pink Anemonefish	<i>Amphiprion perideraion</i>
Clark's Anemonefish	<i>Amphiprion clarkii</i>
Red and Black Anemonefish	<i>Amphiprion melanopus</i>
White-Bonnet Anemonefish	<i>Amphiprion leucokranos</i>
Saddleback Anemonefish	<i>Amphiprion polymnus</i>
Clown Anemonefish	<i>Amphiprion percula</i>
Spinecheek Anemonefish	<i>Premnas biaculeatus</i>
Yellowtail Damsel	<i>Neoglyphidodon nigroris</i>
Black Damsel	<i>Neoglyphidodon melas</i>
Lagoon Damsel	<i>Hemiglyphidodon plagiometopon</i>
Dusky Gregory	<i>Stegastes nigricans</i>
Blue Devil	<i>Chrysiptera cyanea</i>
Rolland's Demoiselle	<i>Chrysiptera rollandi</i>
Humbug Dascyllus	<i>Dascyllus aruanus</i>
Three-spot Dascyllus	<i>Dascyllus trimaculatus</i>
Black-tailed Dascyllus	<i>Dascyllus melanurus</i>
Reticulated Dascyllus	<i>Dascyllus reticulatus</i>
White Damsel	<i>Dischistodus perspicillatus</i>
Blackvent Damsel	<i>Dischistodus melanotus</i>
Bicolor Chromis	<i>Chromis margaritifer</i>
Blackbar Chromis	<i>Chromis retrofasciata</i>
Yellowtail Demoiselle	<i>Neopomacentrus azysron</i>
Coral Demoiselle	<i>Neopomacentrus nemurus</i>
Regal Demoiselle	<i>Neopomacentrus cyanomos</i>
Blue Damsel	<i>Pomacentrus pavo</i>
Whitetail Damsel	<i>Pomacentrus chrysurus</i>
Bluespot Damsel	<i>Pomacentrus grammorhynchus</i>
Wedgespot Damsel	<i>Pomacentrus cuneatus</i>
Goldback Damsel	<i>Pomacentrus nigromanus</i>
Lemon Damsel	<i>Pomacentrus moluccensis</i>
Goldhead Damsel	<i>Pomacentrus aurifrons</i>
Blueback Damsel	<i>Pomacentrus simsiang</i>



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### **Lutjanidae - Snapper**

Longspot Snapper  
Five-lined Snapper  
Black-banded Snapper  
Pygmy Snapper  
Red Snapper  
Spanish Flag  
Two-Spot Snapper  
Blacktail Snapper  
Black Snapper  
Midnight Snapper

*Lutjanus fulviflamma*  
*Lutjanus quinquelineatus*  
*Lutjanus semicinctus*  
*Lutjanus maxweberi*  
*Lutjanus bohar*  
*Lutjanus carponotatus*  
*Lutjanus biguttatus*  
*Lutjanus fulvus*  
*Macolor Niger*  
*Macolor macularis*

### **Nemipteridae - Coral Breams**

Three-Striped Whiptail  
Rainbow Monocle Bream  
Bridled Monocle Bream  
Whitestreak Monocle Bream  
Monogram Monocle Bream  
Striped Large-Eye Bream  
Humpnose Bigeye Bream

*Pentapodus trivittatus*  
*Scolopsis temporalis*  
*Scolopsis bilineatus*  
*Scolopsis ciliatus*  
*Scolopsis monogramma*  
*Gnathodentex aureolineatus*  
*Monotaxis grandoculis*

### **Lethrinidae – Emperors**

Thumbprint Emperor  
Pinkear Emperor  
Orange-striped Emperor  
Longfin Emperor

*Lethrinus harak*  
*Lethrinus lentjan*  
*Lethrinus obsoletus*  
*Lethrinus erythropterus*

### **Carangidae – Jacks**

Blue Trevally  
Bigeye Trevally  
Bluefin Trevally  
Brassy Trevally  
Rainbow Runner  
Small-spotted Dart  
Golden Trevally

*Carangoides ferdau*  
*Caranx sexfasciatus*  
*Caranx melampygus*  
*Caranx papuensis*  
*Elagatis bipinnulatus*  
*Trachinotus baillonii*  
*Gnathanodon speciosus*

### **Sphyraenidae - Barracudas**

Great Barracuda  
Bigeye Barracuda

*Sphyraena barracuda*  
*Sphyraena fosteri*



### **Other silvery fish**

Snubnose Pompano	<i>Trachinotus blochii</i>
Narrow Barred Spanish Mackerel	<i>Scomberomorus commerson</i>
Oriental Bonito	<i>Sarda orientalis</i>
Topsail Drummer	<i>Kyphosus cinerascens</i>
Lowfin Drummer	<i>Kyphosus vaigiensis</i>
Fringelip Mullet	<i>Crenimugil crenilabis</i>
Diamond-Scale Mullet	<i>Liza vaigiensis</i>
Sand Bass	<i>Psammoperca waiginsis</i>
Crescent Banded Grunter	<i>Terapon jarbua</i>
Crocodile Needlefish	<i>Tylosurus crocodilus</i>
Hound Needlefish	<i>Tylosurus crocodilus crocodiles</i>
Reef Needlefish	<i>Strongylura incisa</i>
Black-barred Halfbeak	<i>Hemiramphus far</i>
Oblong Silver Biddy	<i>Gerres oblongus</i>
Blacktip Silver Biddy	<i>Gerres oyena</i>
Longtail Silver Biddy	<i>Gerres longirostris</i>

### **Caesionidae - Fusiliers**

Bluestreak Fusilier	<i>Pterocaesio tile</i>
Rudy Fusilier	<i>Pterocaesio pisang</i>
Scissortail Fusilier	<i>Caesio caeruleaurea</i>
Yellowtail Fusilier	<i>Caesio cuning</i>
Lunar Fusilier	<i>Caesio lunaris</i>
Threestripe Fusilier	<i>Pterocaesio trilineata</i>
Blue and Yellow Fusilier	<i>Caesio teres</i>

### **Anthias**

Purple Anthias	<i>Pseudanthias tuka</i>
Stocky Anthias	<i>Pseudanthias hypselosoma</i>

### **Serranidae – Groupers**

Slender Grouper	<i>Anyperodon leucogrammicus</i>
Peacock Grouper	<i>Cephalopholis argus</i>
Bluespotted Grouper	<i>Cephalopholis cyanostigma</i>
Leopard Grouper	<i>Cephalopholis leopardus</i>
Coral Grouper	<i>Cephalopholis miniata</i>
Saddle Grouper	<i>Cephalopholis sexmaculata</i>
Coral Rock Grouper	<i>Epinephelus corallicola</i>



Snubnose Grouper	<i>Epinephelus macrospilos</i>
Honeycomb Grouper	<i>Epinephelus merra</i>
Foursaddle Grouper	<i>Epinephelus spilotoceps</i>
Camouflage Grouper	<i>Epinephelus polyphekadion</i>
Whitespotted Grouper	<i>Epinephelus caeruleopunctatus</i>
Speckled-fin Grouper	<i>Epinephelus ongus</i>
Malabar Grouper	<i>Epinephelus marabarcus</i>
Redmouth Grouper	<i>Aethaloperca rogaa</i>
Barramundi	<i>Cromileptes altivetis</i>
Spotted Coral Grouper	<i>Plectropomus maculatus</i>
Blacksaddle Coral Grouper	<i>Plectropomus laevis</i>

#### **Cirrhitidae – Hawkfishes**

Dwarf Hawkfish	<i>Cirrhitichthys falco</i>
Pixy Hawkfish	<i>Cirrhitichthys oxycephalus</i>
Freckled Hawkfish	<i>Paracirrhites fosteri</i>

#### **Haemulidae – Sweetlips**

Goldstriped Sweetlips	<i>Plectorhynchus chrysotaenia</i>
Diagonal-banded Sweetlips	<i>Plectorhynchus lineatus</i>
Oriental Sweetlips	<i>Plectorhynchus vittatus</i>
Many-spotted Sweetlips	<i>Plectorhynchus chaetodonoides</i>
Blubberlip	<i>Plectorhynchus gibbosus</i>
Indonesian Sweetlips	<i>Diagramma melanacrum</i>

#### **Scaridae – Parrotfish**

Bleekers Parrotfish	<i>Chlorurus bleekeri</i>
Bullethead Parrotfish	<i>Chlorurus sordidus</i>
Japanese Parrotfish	<i>Chlorurus japonensis</i>
Raggedtooth Parrotfish	<i>Calotomus spinidens</i>
Bicolor Parrotfish	<i>Cetoscarus bicolor</i>
Pacific Longnose Parrotfish	<i>Hipposcarus longiceps</i>
Bluepatch Parrotfish	<i>Scarus forsteni</i>
Yellow-Barred Parrotfish	<i>Scarus dimidiatus</i>
Dark-capped Parrotfish	<i>Scarus oviceps</i>
Greensnout Parrotfish	<i>Scarus spinus</i>
Blue-barred Parrotfish	<i>Scarus ghobban</i>
Greenthroat Parrotfish	<i>Scarus prasiognathos</i>
Filament-fin Parrotfish	<i>Scarus altipinnis</i>



Bumphead Parrotfish

*Bulbometopon muricatum*

**Labridae - Wrasse**

Batu Coris

*Coris batuensis*

Tripletail Wrasse

*Cheilinus trilobatus*

Floral Wrasse

*Cheilinus chlorourus*

Redbreasted Wrasse

*Cheilinus fasciatus*

Humphead Wrasse

*Cheilinus undulates*

Anchor Tuskfish

*Chorodon anchorago*

Dotted Wrasse

*Cirrhilabrus punctatus*

Slingjaw Wrasse

*Epibulus insidiator*

Blackeye Thicklip

*Hemigymnus melapterus*

Bird Wrasse

*Gomphosus varius*

Cigar Wrasse

*Cheilio inermis*

Pinstriped Wrasse

*Halichoeres melanurus*

Tailspot Wrasse

*Halichoeres richmondi*

Greenback Wrasse

*Halichoeres nigrescens*

Dusky Wrasse

*Halichoeres marginatus*

Linechecked Wrasse

*Oxycheilinus diagrammus*

Sixbar Wrasse

*Thalassoma hardwicke*

Crescent Wrasse

*Thalassoma lunare*

Fourline Wrasse

*Stethojulis strigiventer*

Blackbelt Hogfish

*Bodianus mesothorax*

Rockmover Wrasse

*Novaculichthyes taeniourus*

Tubelip Wrasse

*Labrichthys unilineatus*

Yellowtail Tubelip

*Diproctacanthus xanthurus*

Northern Tubelip

*Labropsis manabei*

Bicolor Cleaner Wrasse

*Labroides bicolor*

Bluestreak Cleaner Wrasse

*Labroides dimidiatus*

**Holocentridae - Soldierfish**

Shadowfin Soldierfish

*Myripristis adusta*

Blotcheye Soldierfish

*Myripristis murdjan*

Big-Scale Soldierfish

*Myripristis berndti*

Epaulette Soldierfish

*Myripristis kuntze*

Clearfin Squirrelfish

*Neoniphon argenteus*

Spotfin Squirrelfish

*Neoniphon samara*

Blackfin Squirrelfish

*Neoniphon opercularis*

Blackspot Squirrelfish

*Sargocentron melanospilos*



Crown Squirrelfish

Tailspot Squirrelfish

Sabre Squirrelfish

Violet Squirrelfish

*Sargocentron diadema*

*Sargocentron caudimaculatum*

*Sargocentron spiniferum*

*Sargocentron violaceum*

### **Apogonidae - Cardinalfish**

Spotnape Cardinalfish

Redstriped Cardinalfish

Yellowstriped Cardinalfish

Many-lined Cardinalfish

Split-banded Cardinalfish

Blackstripe Cardinalfish

Spotgill Cardinalfish

Bargill Cardinalfish

Narrowstripe Cardinalfish

Spurcheek Cardinalfish

Tiny Cardinalfish

Fragile Cardinalfish

Hartzfeld's Cardinalfish

Pearly Cardinalfish

Orangelined Cardinalfish

Girdled Cardinalfish

Yellowmouth Cardinalfish

Tiger Cardinalfish

Wolf Cardinalfish

Toothy Cardinalfish

Five-lined Cardinalfish

Swallowtail Cardinalfish

Twotone Dartfish

Pearly Dartfish

Onespot Wormfish

Onestripe Wormfish

Blue Blanquillo

Leafy Dragonet

Nosestripe Sandperch

Slender Lizardfish

Clearfin Lizardfish

Blackblotch Lizardfish

*Apogon notatus*

*Apogon margaritophorus*

*Apogon cyanosoma*

*Apogon multilineatus*

*Apogon compressus*

*Apogon nigrofasciatus*

*Apogon chrysopomus*

*Apogon sealei*

*Apogon exostigma*

*Apogon fraenatus*

*Apogon nanus*

*Apogon fragilis*

*Apogon hartzfeldii*

*Apogon perlitis*

*Archamia fucata*

*Archamia zosterophora*

*Archamia bleekeri*

*Cheilodipterus macrodon*

*Cheilodipterus artus*

*Cheilodipterus isostigmus*

*Cheilodipterus quinquelineatus*

*Rhabdamia cypselura*

*Ptereleotris evides*

*Ptereleotris microlepis*

*Gunnelichthyes monostigma*

*Gunnelichthyes pleurotaenia*

*Malacanthus latovittatus*

*Anaora tentaculata*

*Parapercis lineopunctata*

*Saurida gracilis*

*Synodus dermatogenys*

*Synodus jaculum*





### **Gobiidae - Gobies**

Banded Shrimpgoby	<i>Cryptocentrus cinctus</i>
Barred Shrimpgoby	<i>Cryptocentrus fasciatus</i>
Saddled Shrimpgoby	<i>Cryptocentrus leucostictus</i>
Gold-streaked Shrimpgoby	<i>Ctenogobiops aurocingulus</i>
Silverspot Shrimpgoby	<i>Ctenogobiops crocineus</i>
Beautiful Goby	<i>Exyrias bellisimus</i>
Nocturn Goby	<i>Amblygobius nocturnus</i>
Banded Goby	<i>Amblygobius phalaena</i>
Neon Pygmygoby	<i>Eviota pellucida</i>
Neophyte Goby	<i>Coryphopterus neophytus</i>
Blotched Goby	<i>Coryphopterus inframaculatus</i>
Signalfin Goby	<i>Coryphopterus signipinnis</i>
Signal Goby	<i>Signigobius biocellatus</i>
Stripedhead Dwarfgoby	<i>Trimma striata</i>
Sixspot Goby	<i>Valenciennesa sexguttata</i>
Mural Goby	<i>Valenciennesa muralis</i>
Decorated Goby	<i>Istigobius decoratus</i>
Large Whip Goby	<i>Bryaninops amplus</i>
Stonycoral Ghostgoby	<i>Pleurosicya micheli</i>

### **Blenniidae - Blennies**

Slender Sabretooth Blenny	<i>Aspidontus dussumieri</i>
Striped Fangblenny	<i>Meiacanthus grammistes</i>
Bluestriped Fangblenny	<i>Plagiotremus rhinorhynchos</i>
Striped Blenny	<i>Ecsenius prooculis</i>
Yaeyama Blenny	<i>Ecsenius yaeyamaensis</i>
Yellowtail Blenny	<i>Ecsenius namiyei</i>
White-spotted Blenny	<i>Salarias alboguttatus (check)</i>
Patzners Blenny	<i>Salarias patzneri</i>
Ceram Blenny	<i>Salarias ceramensis</i>
Segmented Blenny	<i>Salarias segmentatus</i>
Helmut Gurnard	<i>Dactyloptena orientalis</i>

### **Scorpaenidae – Scorpionfish and Lionfish**

Common Lionfish	<i>Pterois volitans</i>
Spotfin Lionfish	<i>Pterois antennata</i>
Clearfin Lionfish	<i>Pterois radiata</i>
Zebra Lionfish	<i>Dendrochirus zebra</i>



Raggy Scorpionfish  
Estuarine Stonefish  
Cockatoo Waspfish  
Crocodile Flathead  
Unknown Flounder  
Tufted Sole  
Urchin Clingfish  
Yellow Boxfish

*Scorpaenopsis venosa*  
*Synanceia horrida*  
*Ablabys taenianotus*  
*Cymbacephalus beauforti*  
  
*Dexillichthys muelleri*  
*Diademichthys lineatus*  
*Ostracion cubicus*

**Mullidae – Goatfish**

Yellowfin Goatfish  
Yellowstripe Goatfish  
Doublebar Goatfish  
Goldsaddle Goatfish  
Manybar Goatfish  
Bicolor Goatfish  
Dash-Dot Goatfish  
Freckled Goatfish  
Cornetfish  
Trumpetfish  
Razorfish  
Sharksucker

*Mulloidichthys vanicolensis*  
*Mulloidichthys flavolineatus*  
*Parupeneus crassilabris*  
*Parupeneus cyclostomus*  
*Parupeneus multifasciatus*  
*Parupeneus barberinoides*  
*Parupeneus barberinus*  
*Upeneus tragula*  
*Fistularia commersonii*  
*Autostomus chinensis*  
*Aeoliscus strigatus*  
*Echeneis naucrates*

**Balistidae - Triggerfish**

Titan Triggerfish  
Yellowmargin Triggerfish  
Orange-lined Triggerfish  
Flagtail Triggerfish  
Blackpatch Triggerfish  
Picasso Triggerfish  
Bristle-tailed Filefish  
Scrawled Filefish  
White-Spotted Puffer  
Striped Puffer  
Map Puffer  
Black-Spotted Puffer  
Papuan Toby  
Black-Saddled Toby

*Balistoides viridescens*  
*Pseudobalistes flavimarginatus*  
*Balistapus undulatus*  
*Sufflamen chrysopterus*  
*Rhinecanthus verrucosus*  
*Rhinecanthus rectangulus*  
*Acreichthys tomentosus*  
*Aluterus scriptus*  
*Arothron hispidis*  
*Arothron manilensis*  
*Arothron mappa*  
*Arothron nigropunctatus*  
*Canthigaster papua*  
*Canthigaster valentine*



Porcupinefish	<i>Diodon hystrix</i>
Brown-Banded Pipefish	<i>Corythoichthys amplexus</i>
Messmate Pipefish	<i>Corythoichthys intestinalis</i>
Network Pipefish	<i>Corythoichthys flavofasciatus</i>
Reeftop Pipefish	<i>Corythoichthys haematopterus</i>
Samoan Pipefish	<i>Halicampus mataafae</i>
Cleaner Pipefish	<i>Doryrhamphus janssi</i>
Common Seahorse	<i>Hippocampus taeniopterus</i>
Snowflake Moray	<i>Echidna nebulosa</i>
Giant Moray	<i>Gymnothorax javanicus</i>
Reticulated Moray	<i>Gymnothorax richardsoni</i>
Spotted Garden Eel	<i>Heteroconger hassi</i>
Tawny Nurse Shark	<i>Nebrius ferrugineus</i>
Blacktip Reef Shark	<i>Carcharhinus melanopterus</i>
Whitetip Reef Shark	<i>Triaenodon obesus</i>
Blue-spotted Ribbontail Ray	<i>Taeniura lymma</i>
Bluespotted Stingray	<i>Neotrygon kuhlii</i>
350 species to date	