Ministry for Primary Industries
Manatū Ahu Matua

Import Health Standard

Ornamental Fish and Marine Invertebrates

Draft for Consultation

ORNAMARI.ALL

[Document Date]

Issued under the Biosecurity Act 1993

New Zealand Government

TITLE

Import Health Standard: Ornamental Fish and Marine Invertebrates

COMMENCEMENT

This Import Health Standard comes into force on [Effective Date]

REVOCATION

This Import Health Standard revokes and replaces:

Import Health Standard for Ornamental Fish and Marine Invertebrates from all countries, 20 April 2011.

ISSUING AUTHORITY

This Import Health Standard is issued on

Dated at Wellington this ... day of .....

Howard Pharo
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(acting under delegated authority of the Director-General)

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Introduction

This introduction is not part of the Import Health Standard, but is intended to indicate its general effect.

Purpose

This IHS specifies the minimum requirements that must be met when importing live ornamental fish and marine invertebrates into New Zealand.

Background

The Biosecurity Act 1993 (the Act) provides the legal basis for excluding, eradicating and effectively managing pests and unwanted organisms.

Import health standards issued under the Act set out requirements to be met to effectively manage biosecurity risks associated with importing goods. They include requirements that must be met in the exporting country, during transit, and during importation, before biosecurity clearance can be given.

Who should read this Import Health Standard?

This IHS applies to importers of live ornamental fish and marine invertebrates.

Why is this important?

It is the importer's responsibility to ensure the requirements of this IHS are met. Consignments that do not comply with the requirements of this IHS may not be cleared for entry into New Zealand and/or further information may be sought from importers. Consignments that do not comply with the requirements of this IHS may be re-shipped or destroyed under the Act or tested/treated in accordance with this IHS prior to release or equivalence determined. Importers are liable for all associated expenses.

The costs to MPI in performing functions relating to the importation of ornamental fish and marine invertebrates will be recovered in accordance with the Biosecurity Act 1993 (the Act) and any regulations made under that Act. All costs involved with documentation, transport, storage, and obtaining a biosecurity clearance must be covered by the importer or agent.

Consignments that do not comply with the requirements of the IHS may be re-shipped or destroyed using an MPI-approved destruction method.

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Equivalence

The Chief Technical Officer (CTO) may approve measures under section 27(1)(d) of the Act, different from those set out in this IHS, that may be applied to effectively manage risks associated with the importation of these goods. If an equivalent measure is approved an import permit may be issued under section 24D(2) of the Act, if the Director-General considers it appropriate to do so.

Document History

Refer to Schedule 1.

Other information

This is not an exhaustive list of compliance requirements and it is the importer's responsibility to be familiar with and comply with all New Zealand laws.

New Organisms

Importers of new organisms must meet the Hazardous Substances and New Organisms (HSNO) Act requirements http://www.legislation.govt.nz/act/public/1996/0030/latest/DLM381222.html.

CITES

It is the responsibility of the importer to ensure that the consignment is accompanied by all permit(s) required to meet the legislation of the country of origin and the Convention on the International Trade in Endangered Species (CITES) http://www.cites.org. See the Department of Conservation for further details http://www.doc.govt.nz/about-doc/role/international/endangered-species/.

The importer is advised to clarify the status of the species of fish or invertebrate in relation to international agreements on their trade, prior to export. Material arriving in New Zealand without the relevant CITES permits may be subject to seizure by the New Zealand Department of Conservation.

Note: Any requirement for CITES or other conservation-related documentation must be met by the exporter/importer.

Environmental Protection Authority (EPA)

Obtaining biosecurity authority for entry of ornamental fish and marine invertebrates into New Zealand is dependent on both containment approval from the EPA for that particular species of ornamental fish or marine invertebrates and the consignment meeting the requirements of this import health standard. See the Environmental Protection Authority for further details http://www.epa.govt.nz/search-databases/Pages/applications-search.aspx.

Equipment

All equipment entering New Zealand with the ornamental fish and marine invertebrates must comply with the *Import Health Standard for Used Equipment Associated with Animals or Water*.

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Part 1: Requirements

1.1 Application

(1) This IHS applies to all importers of ornamental fish and marine invertebrates eligible for import from all countries into New Zealand.

1.1.1 Eligibility

(1) Eligibility is limited to:

a) Species of ornamental fish and marine invertebrates listed in Schedule 4 that:

i) Are directed to a transitional facility approved to MPI standard *Transitional Facilities for Ornamental Fish and Marine Invertebrates 154.02.06* on arrival to New Zealand and are of an age sufficient to be identified; or
ii) Have met the requirements of this standard prior to import.

(2) Eligibility of hybrids of ornamental fish species and marine invertebrates listed in Schedule 4 must be approved by MPI prior to importation. If eligibility is approved, the hybrid must comply with the quarantine measures prescribed in this standard for both parent species.

Guidance
- Live rock is dead coral that has plant and/or animal life growing on it.
  Live rock is not eligible for importation into New Zealand, with the exception of coral that is eligible for importation under this IHS and is grown on dead coral.
- Dead coral rock (rock containing organic matter, often dead coral) may be imported under the *IHS: Soil, Rock, Gravel, Sand, Clay and Water from any Country*.

1.2 Outcome

(1) The outcome this IHS is seeking to achieve is the effective management of biosecurity risks associated with eligible consignments of ornamental fish and marine invertebrates.

(2) The biosecurity risk organisms associated with ornamental fish and marine invertebrates that are managed by this IHS are:

a) Aquabirnavirus
b) Iridovirus
c) Viral haemorrhagic septicaemia virus (VHSV)
d) Cyprinid herpesvirus-3 (koi herpesvirus)
e) Spring viraemia of carp virus
f) *Edwardsiella ictaluri*
g) Edwardsiella tarda
h) *Aeromonas salmonicida*
i) *Aphanomyces invadans*
j) *Hoferellus carassii*
k) *Bothriocephalus acheilognathi*
l) *Argulus foliaceus*
m) *Capillaria philippinensis*
n) *Glugea heraldi*
o) White spot syndrome virus
p) *Lactococcus garviae*
q) *Enteromyxum leei*

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r) Grouper nervous necrosis virus

1.3 Incorporation by reference

(1) The following international standards are incorporated by reference in this IHS under section 142M of the Act:

a) The World Organisation for Animal Health (OIE) *Manual of Diagnostic Tests for Aquatic Animals* (the *Manual*), available at the OIE website: http://www.oie.int/international-standard-setting/aquatic-manual/access-online/.

b) The OIE *Aquatic Animal Health Code* (the *Code*), available at the OIE Website: http://www.oie.int/international-standard-setting/aquatic-code/access-online/.

c) The *International Air Transport Association (IATA) Live Animals Regulations (LAR)*: a copy is available for reading, free of charge, at MPI, Pastoral House, 25 The Terrace, Wellington.

(2) The following material is incorporated by reference in this IHS under section 142M of the Act:

a) *Approved Diagnostic Tests, Vaccines, Treatments and Post-arrival Testing Laboratories for Animal Import Health Standards* (MPI-STD-TVTL).

(3) Under section 142O(3) of the Act it is declared that section 142O(1) does not apply, that is, a notice under section 142O(2) of the Act is not required to be published before material that amends or replaces the above listed standards, guideline or lists has legal effect as part of this IHS.

Guidance
- Incorporation by reference means that standards, guidelines or lists are incorporated into the IHS and they form part of the requirements. This is done because technical documents are too large or impractical to include in the IHS.
- Where the IHS states that section 142O(1) of the Act does not apply, this means that importers need to refer to the most recent version of any standards, guidelines or lists that are incorporated by reference in the IHS

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1.4 Definitions

(1) For the purposes of this standard, terms used that are defined in the Act have the meanings set out there. The Act is available at the following website: http://www.legislation.govt.nz/.

(2) See Schedule 2 for additional definitions that apply.

1.5 Harmonised system (HS) codes

Guidance
- Animals imported using this IHS will be under one of the following HS Codes:
- The harmonised system is an international product numbering classification developed by the World Customs Organisation (WCO). The New Zealand harmonised system is found here: http://www.stats.govt.nz/methods/classifications-and-standards/classification-related-stats-standards/harmonised-system-2012.aspx

HS Code	Commodity Description
0301	Fish; live
0306	Crustaceans; in shell or not, live, fresh, chilled, frozen, dried, salted or in brine; smoked, cooked or not before or during smoking; in shell, steamed or boiled, whether or not chilled, frozen, dried, salted or in brine; edible flours, meals, pellets
0307	Molluscs; whether in shell or not, live, fresh, chilled, frozen, dried, salted or in brine; smoked molluscs, whether in shell or not, cooked or not before or during the smoking process; flours, meals and pellets of molluscs, fit for human consumption
0308	Aquatic invertebrates, other than crustaceans and molluscs; live, fresh, chilled, frozen, dried, salted or in brine, smoked, whether or not cooked before or during the smoking process; flours, meals, and pellets, fit for human consumption

1.6 Exporting country systems and certification

(1) Ornamental fish and marine invertebrates described in 1.1.1(1)a)ii) of this IHS may only be imported from a country where the Competent Authority has provided the following evidence to the satisfaction of a CTO:

a) The verifiable animal health status of ornamental fish and marine invertebrate's populations in the exporting country, zone or compartment, with respect to biosecurity risk organisms of concern.
b) The national ornamental fish and marine invertebrate systems and/or programmes and standards in the exporting country for regulatory oversight of the fish and marine invertebrate industry.
c) The capabilities and preferences of the exporting country's Competent Authority with respect to achieving equivalent outcomes to requirements stated in this IHS.

(2) Once satisfied, MPI and the Competent Authority may commence negotiation of country-specific health certification.

Guidance
- MPI recommends Competent Authorities that request the approval of their exporting systems refer to Section 3 of the Code titled Quality of Veterinary Services, to prepare evidence for MPI regarding capabilities and preferences of the exporting country's Competent Authority.

1.7 Diagnostic testing and treatment

(1) Laboratory samples must be collected, processed, and stored in accordance with the recommendations in the *Code*, the Aquatic Manual and/or the *Manual* or as described in MPI-STD-TVTL.

(2) For ornamental fish and marine invertebrates described in 1.1.1(1)a)ii), any laboratory conducting the pre-export and/or surveillance testing required by this IHS must be approved by the Competent Authority of the country approved to export to New Zealand.

(3) Diagnostic test(s) and vaccines used must be thoses that have been approved by MPI and documented in the MPI-STD-TVTL.

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1.8 Packaging

(1) The outer packaging of all consignments of ornamental fish and marine invertebrates imported into New Zealand must be clean, secure, and free of any organic contaminants. Internal packaging must be leak-proof, transparent and clearly labelled.

1.9 Import permit

(1) An import permit is required prior to the importation of eligible ornamental fish and marine invertebrates from all countries.

(2) For ornamental fish and marine invertebrates described in 1.1.1 (1)a)i) the application form should specify the name and address of the transitional/containment facility in New Zealand approved to MPI standard *Transitional Facilities for Ornamental Fish and Marine Invertebrates 154.02.06* to which the consignment is to proceed following importation.

Guidance
- Import permit application forms can be found on the MPI website at: http://mpi.govt.nz/document-vault/5122
- Completed applications can be submitted to Animal Imports animalimports@mpi.govt.nz.
- Import permits will be valid for one year for consignments of ornamental fish and marine invertebrates described in 1.1.1(1)a)i) and for a single consignment only for ornamental fish and marine invertebrates described in 1.1.1(1)a)ii).

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1.10 The documentation that must accompany goods

(1) All documents must:

a) Be original, unless otherwise stated.
b) Accompany the imported goods.
c) Be in English or have an English translation that is clear and legible.

(2) For species of ornamental fish and marine invertebrates listed in Schedule 3 and described in 1.1.1 (1)a)ii) documents must be endorsed on every page by the Official Veterinarian with their original stamp, signature and date or be endorsed in the space allocated and all pages have paper based alternative security features.

(3) For species of ornamental fish and marine invertebrates described in 1.1.1(1)a)ii) documentation copies must be sent to the MPI Inspector at the airport/port of arrival at least 72 hours in advance of importation.

1.10.1 Import permit

(1) For ornamental fish and marine invertebrates described in 1.1.1(1)a)i) and 1.1.1(1)a)ii) the consignment must arrive in New Zealand with a valid import permit issued by MPI (copy acceptable). The importer must supply the following information to obtain a permit:

a) The name and address of the exporter.
b) A list of the scientific genus and species, number and origin of the ornamental fish and marine invertebrates in each container; or the code/reference number of each container if relevant, comprising the whole consignment. A copy of this list must be provided to the Inspector of the transitional facility.
c) CITES or other conservation-related documentation where necessary (refer to *Introduction*).
d) The date of proposed importation.

e) The name, address, route and means of transport to the transitional facility in New Zealand to which the consignment is to proceed following importation OR for consignments having met the requirements of Part 2 prior to importation, the name and address of the facility used overseas.
f) The port of arrival.

1.10.2 Health certificate

(1) For ornamental fish and marine invertebrates described in 1.1.1(1)a)ii) the consignment must arrive in New Zealand with a health certificate, that must include the following:

a) Description, species, and number.
b) Name and address of the importer (consignee) and exporter (consignor).
c) Name, signature and contact details of the certifying official authorised by the Competent Authority.
d) Certification and endorsement by the certifying official authorised by the Competent Authority that the general requirements outlined in Part 1 of this IHS have been met.
e) Certification and endorsement by the Official Veterinarian that the specified requirements outlined in Part 2 of this IHS have been met (excepting for those requirements that the CTO has agreed during negotiation under clause 1.6(2) as not being required for a country specific veterinary certificate).

1.10.3 Laboratory reports

(1) For species of ornamental fish and marine invertebrates listed in Schedule 3 and described in 1.1.1 (1)a)ii) the consignment must arrive in New Zealand with original laboratory reports; copies of laboratory reports endorsed by the certifying official; or a tabulated summary of laboratory results endorsed by the certifying official that must include:

a) The scientific genus and species and origin, consistent with the health certificate.
b) Dates of sample collection.
c) Test type.
d) Test result.

1.10.4 Equivalence

(1) For ornamental fish and marine invertebrates described in 1.1.1(1)a)ii) where equivalent measures have been negotiated and agreed with MPI, and a CTO has, prior to import, approved an equivalent measure under section 27(1)(d) of the Act that is different from those in this standard in the form of a negotiated health certificate, the country-specific health certificate must accompany the consignment.

1.11 Inspection and verification

(1) For ornamental fish and marine invertebrates described in 1.1.1 (1)a)ii):

On arrival, all documentation accompanying the consignment must be verified by an Inspector. The Inspector may also inspect the consignment, or a sample of the consignment on arrival.

Guidance
- For ornamental fish and marine invertebrates descrived in 1.1.1 (1)a)ii) documentation will be checked by an MPI Inspector prior to import (see clause 1.10(5)).
- For ornamental fish and marine invertebrates described in 1.1.1 (1)a)i):

  i) The Inspector at the border shall issue a written biosecurity authorisation to the importer or agent for the consignment to move from the airport to the approved transitional facility named on the permit to import by the quickest practicable route.
  ii) The border Inspector shall notify the facility Inspector of the transitional facility that the consignment has been issued a biosecurity authorisation to move to the facility.

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iii) The outer containers holding the containers of ornamental fish and marine invertebrates must be sealed with tamper-evident seals, such as MPI-approved tape or seal, to ensure that biosecurity is maintained between the place of first arrival and the transitional facility.

1.12 Transitional facility

(1) For ornamental fish and marine invertebrates described in 1.1.1 (1)a)i):

a) Following biosecurity authorisation being given under section 25 of the Act, the ornamental fish and marine invertebrates must proceed directly to the transitional facility named on the import permit.
b) Ornamental fish and marine invertebrates from Schedule 4 must be held in the facility named in the import permit for a quarantine period of not less than four weeks in the case of freshwater fish, and not less than three weeks in the case of marine fish and marine invertebrates.

1.13 Pre-export isolation

(1) In the case of ornamental fish and marine invertebrates described in 1.1.1 (1)a)ii) the ornamental fish and marine invertebrates for export must have been kept in a pre-export isolation (PEI) facility that complies with the following requirements:

a) **Approval and audit**

i) The PEI facility must be approved by the Competent Authority of the exporting country as meeting the requirements of this clause (1.13 of this IHS).
ii) The PEI facility must be audited at least annually by the country's Competent Authority or an organisation authorised by the Competent Authority and records of inspections retained for audit purposes for at least 2 years.
iii) MPI reserves the right to approve and audit facilities and their standard operating procedures, on a case-by-case basis.

b) **Records**

i) The operator must implement and maintain an effective record-keeping system that describes how the requirements of this clause (1.13 of this IHS) are met.

c) **Facility**

i) The facility must be lockable to ensure that there is no entry of unauthorised personnel.
ii) The facility must be constructed so it is easily cleaned and disinfected.
iii) Ornamental fish and marine invertebrates must be held in tanks.
iv) The tanks must have lids, or be constructed or positioned to prevent splash contamination between the tanks.
v) The tanks must be kept clean and be suitable for easy inspection of the fish and marine invertebrates.
vi) The tanks must be permanently identified so that records of the fish and marine invertebrates can be correlated with each tank.

d) **Management**

i) During PEI, the ornamental fish and marine invertebrates must remain isolated from all other fish and marine invertebrates not of an equivalent tested health status.
ii) During PEI, the ornamental fish and marine invertebrates must remain free from clinical signs of disease.
iii) Procedures must be in place to prevent the introduction of pathogenic agents to the facility, on either people or equipment.

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iv) The PEI facility must have a designated manager who takes responsibility for the day to day running of the facility, and who must report any problems promptly to the certifying official of the Competent Authority.
v) Access to the PEI facility must be limited to staff essential to the running of the facility. Other personnel may be granted access only where approval is given by the certifying official. A register of visitors must be maintained.
vi) Personnel and visitors to the facility must have a thorough knowledge of the isolation requirements and the sanitation procedures of the PEI.
vii) Procedures must be in place to prevent the potential transfer of pathogenic agents between tanks. These procedures must address the risk of transfer via equipment, hands, arms, clothing and other fomites.
viii) Movement of ornamental fish and marine invertebrates into, within and out of the PEI facility must be documented.

e) **Supervision by the Competent Authority**

i) The certifying official must ensure that the relevant requirements of this IHS have been met prior to export.
ii) The certifying official must visit the facility at least weekly during the isolation period. During the visit, the certifying official must observe operations, review records and record the visit and activities undertaken.
iii) If tests are positive, or ornamental fish and marine invertebrates are removed from the consignment for any reason other than routine testing, or if isolation has been breached, MPI must be notified and give approval for the importation to proceed.
iv) Ornamental fish and marine invertebrates must be certified as clinically healthy at the end of the PEI period.

f) **Operation**

i) The premises are emptied and thoroughly cleaned and disinfected before the commencement of each PEI.
ii) All equipment used in the feeding, handling and treatment of ornamental fish and marine invertebrates in PEI is new or cleaned and disinfected before the commencement of the PEI.

g) **Duration**

i) Ornamental fish and marine invertebrates from Schedule 4 must be held in the PEI facility for a quarantine period of:
    1) Not less than four weeks for freshwater fish.
    2) Not less than three weeks for marine fish and marine invertebrates.

h) **Disease surveillance**

i) During PEI, tests and treatments must be completed to meet Part 2 of this IHS.
ii) During PEI, ornamental fish and marine invertebrates must be observed for signs of illness and abnormal behaviour periodically throughout the day. Daily records must be kept by tank and species including, as a minimum, the number of fish or marine invertebrates dead and and a brief description of any abnormalities on the cadavers.
iii) In the event of a positive test result for an exotic disease, all fish and marine invertebrates in the batch must be tested and shown to be free of the relevant disease organism/s, or euthanised (in which case testing is not mandatory).
iv) All disease testing must be conducted at a laboratory approved by the Competent Authority of the country approved to export to New Zealand.
v) Only treatments pre-approved by MPI and listed in: MPI *Approved Diagnostic Tests, Vaccines, Treatments and Post-arrival Testing Laboratories for Animal Import Health Standards* (MPI-STD-TVTL) may be used for treatment or prophylactic measures.
vi) Treatments or prophylactic measures must not interfere with disease surveillance and must be recorded.

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vii) Following PEI and prior to and during export, ornamental fish and marine invertebrates must remain isolated from ornamental fish and marine invertebrates not of an equivalent health status. The fish and invertebrates must be held in a biosecure area with management procedures in place to ensure isolation and prevent contamination.

1.14 Biosecurity clearance

(1) For ornamental fish and marine invertebrates, biosecurity clearance under section 26 of the Act, may be issued when the ornamental fish and marine invertebrates meet all the requirements of this IHS, provided the applicable requirements of section 27 in the Act are met.

1.15 Transiting fish and marine invertebrates

(1) Ornamental fish and marine invertebrates transiting through New Zealand must have, or be accompanied by:

a) An MPI transit permit.
b) A contingency plan that has been pre-approved by MPI.
c) All the appropriate documentation required by the final destination country.
d) Appropriate CITES documents issued by the exporting country for species that require such documentation.

(2) Notification must be sent to MPI at least 72 hours before the ornamental fish and marine invertebrates arrive in New Zealand, together with the supporting documents.

Guidance
- Permit application forms can be found at https://www.mpi.govt.nz/document-vault/5122. For completed applications contact Animal Imports animalimports@mpi.govt.nz.

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Part 2: Specified Requirements for Identified Risk Organisms

(1) The following specified requirements must be met for identified risk organisms of ornamental fish and marine invertebrates.

(2) The Veterinary Authority of the exporting country is required to issue a signed, stamped and dated veterinary certificate containing declarations regarding the following diseases where required:

2.1 Aquabirnaviruses

(1) Subtropical species – MPI approved testing of fish displaying clinical signs of septicaemia or sudden unexplained mortality.

(2) Temperate species – MPI approved testing of fish for aquabirnaviruses with negative results.

2.2 Iridoviruses

(1) Tropical species – MPI approved testing of fish displaying clinical signs of septicaemia or sudden unexplained mortality.

(2) Subtropical and temperate species – MPI approved testing of fish for iridoviruses with negative results.

2.3 Viral haemorrhagic septicaemia virus (VHSV)

(1) Subtropical and temperate species – MPI approved testing of fish for VHSV with negative results.

2.4 Cyprinid herpesvirus-3 (koi herpesvirus)

(1) Temperate species –Certification by the Competent Authority of continuous separation from *Cyprinus carpio* species; or MPI approved testing of fish for cyprinid herpesvirus-3 with negative results.

2.5 Spring viraemia of carp virus

(1) Temperate species - Certification by the Competent Authority of continuous separation from *Cyprinus carpio* species; or MPI approved testing of fish for spring viraemia of carp virus with negative results.

2.6 *Edwardsiella ictaluri*

(1) Subtropical species – MPI approved testing of fish displaying clinical signs of septicaemia or sudden unexplained mortality.

(2) Temperate species – MPI approved testing of fish for *E. ictaluri* with negative results.

2.7 *Edwardsiella tarda*

(1) Subtropical species – MPI approved testing of fish displaying clinical signs of septicaemia or sudden unexplained mortality.

(2) Temperate species – MPI approved testing of fish for *E. tarda* with negative results.

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2.8 *Aeromonas salmonicida*

(1) Temperate species – MPI approved testing of fish for *A. salmonicida* with negative results.

2.9 *Aphanomyces invadans*

(1) Tropical, subtropical and temperate species - MPI approved testing of fish displaying clinical signs of ulcerated or congested skin lesions or sudden unexplained mortality.

2.10 *Hoferellus carassii*

(1) Temperate species – MPI approved testing of fish displaying clinical signs of enlarged abdomen, and ad-hoc screening of any samples submitted to the diagnostic laboratory from *Carassius auratus* for other reasons.

2.11 *Bothriocephalus acheilognathi*

(1) Tropical, subtropical and temperate species – MPI approved treatment of fish for *Bothriocephalus acheilognathi*. A list of approved treatments can be found at: MPI *Approved Diagnostic Tests, Vaccines, Treatments and Post-arrival Testing Laboratories for Animal Import Health Standards* (MPI-STD-TVTL).

2.12 *Argulus foliaceus*

(1) Subtropical and temperate species - Visual inspection. If inspection reveals infestation, an effective ectoparasiticide approved by MPI is to be used, and fish visually inspected to be clear before biosecurity clearance issued. Quarantine period may be extended if required until the fish are certified free of parasites.

2.13 *Capillaria philippinensis*

(1) Subtropical species – MPI approved treatment of fish for Capillaria philippinensis. A list of approved treatments can be found at: MPI Approved Diagnostic Tests, Vaccines, Treatments and Post-arrival Testing Laboratories for Animal Import Health Standards (MPI-STD-TVTL).

2.14 *Glugea heraldi*

(1) Subtropical and temperate species – MPI approved testing of fish displaying clinical signs of grey, proliferative skin lesions.

2.15 White spot syndrome virus

(1) MPI approved testing of fish showing clinical signs of white spot syndrome or sudden unexplained mortality.

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2.16 *Lactococcus garviae*

(1) Although there are no fish of the genus *Coris* currently listed in Schedule 3, the risk assessment process has indicated that the following would be required:

(2) Subtropical species – MPI approved testing of fish displaying clinical signs of septicaemia or unexplained mortality.

(3) Temperate species – MPI approved testing of fish for *Lactococcus garviae* with negative results.

2.17 *Enteromyxum leei*

(1) Although there are no fish of the following genera currently listed in Schedule 3, the risk assessment process has indicated that the following would be required:

(2) Temperate species - Fish from the genera *Lipophrys, Chromis, Amphiprion* and *Thalossoma* - quarantine for 6 weeks with MPI approved testing of fish displaying clinical signs of enteritis.

2.18 Grouper nervous necrosis virus

(1) Tropical species – MPI approved testing of fish displaying nervous signs, colour change, behavioural abnormalities or sudden unexplained mortality.

(2) Subtropical and temperate species – MPI approved testing of fish for grouper necrosis virus with negative results.

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Part 3: Model health certificate

Guidance: model health certificate for ornamental fish and marine invertebrates

- Below is the model health certificate for trade in ornamental fish and marine invertebrates. The model meets the requirements of the IHS.
- The model health certificate format is based on the Code Chapter for model health certificates for international trade in live aquatic animals.

Part 1: Details of dispatched consignment

1.1. Consignor (Exporter): Name: Address:	1.2. Certificate reference number: 1.3. Competent Authority:
1.4. Consignee (Importer): Name: Address:	
1.5. Country of origin: ISO Code*	1.6. Zone or compartment of origin:**
1.7. Country of destination: ISO Code*	1.8. Zone or compartment of destination:**
1.9. Place of origin: Name: Address:	
1.10. Place of shipment:	1.11. Date of departure:
1.12. Means of transport: ☐ Aeroplane ☐ Ship Identification:	1.13. Expected border post: 1.14. CITES permit No(s):
1.15. Description of ornamental fish or marine invertebrates:	1.16. Commodity Code: 1.17. Total number of:
1.18. Temperature of commodities for transport:	1.19. Total number of packages:
1.20. Identification of container/serial number:	1.21. Type of packaging:

1.22. Identification of ornamental fish or marine invertebrates:

Species (Scientific Name)	ID Number/Details

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Part 2: Veterinary Information

Country:	Certificate reference number:

I, ……..……..a certifying official authorised by the competent authority certify, after due enquiry that the ornamental fish and marine invertebrates described above satisfy(ies) the following requirements:

Eligibility

(1) The consignment consists of species of ornamental fish and/or marine invertebrates eligible for importation under New Zealand's MPI Import Health Standard (IHS) *Ornamental Fish and Marine Invertebrates*.

Approval of export system

(2) The ornamental fish and marine invertebrates were derived from a country where the Competent Authority's exporting system has been approved by an MPI Chief Technical Officer.

Diagnostic testing, vaccination, and treatment

(3) All required laboratory testing was conducted at a government approved laboratory authorised to conduct export testing.

(4) If required, original laboratory reports; or copies of laboratory reports endorsed by the certifying official; or a tabulated summary of laboratory tests, including test date, type and results, are attached to this health certificate.

(5) All treatments administered to meet specified disease requirements were administered according to the instructions in New Zealand's MPI Import Health Standard (IHS) *Ornamental Fish and Marine Invertebrates*, in a country approved to export to New Zealand.
   (a) Product name, manufacturer, active ingredient (where applicable)_____

Pre-export isolation

(6) The ornamental fish and marine invertebrates for export were kept in an MPI-approved facility, as described in clause 1.13 of the MPI IHS *Ornamental Fish and Marine Invertebrates*.

(7) The ornamental fish and marine invertebrates were held in pre-export isolation for a period of:
   (a) Not less than four weeks for freshwater fish.
   (b) Not less than three weeks for marine fish and marine invertebrates.

(8) Ornamental fish and marine invertebrates were identified as clinically healthy during and at the end of the pre-export isolation period.

(9) Following PEI, ornamental fish and marine invertebrates have been kept isolated from other ornamental fish and marine invertebrates not of an equivalent health status. Management procedures to keep these ornamental fish and marine invertebrates in separate biosecure areas were followed.

Fish and marine invertebrates listed in Schedule 3

(10) Species of ornamental fish and marine invertebrates in this consignment that are listed in Schedule 3 of the MPI New Zealand IHS *Ornamental Fish and Marine Invertebrates* have met the specified requirements for identified risk organisms.

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Certifying Official	
Name:	Signature:
Address:	Date:
Email:	Certifying Official signature, Official stamp and date

Schedule 1 – Document History

Date First Issued	Title	Shortcode
20 April 2011	IHS: Ornamental Fish and Marine Invertebrates from All Countries	FISORNIC.ALL
Date of Issued Amendments	**Title**	**Shortcode**
TBA	IHS: Ornamental Fish and Marine Invertebrates	ORNAMARI.ALL

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Schedule 2 – Definitions

Batch

All ornamental fish or marine invertebrates sharing a direct water system and susceptibility to any pathogens from Part 2 of the MPI Import Health Standard: Ornamental Fish and Marine Invertebrates.

Biosecurity Authority

Written authority from an Inspector, given under Section 29 of the Act, to move restricted organisms from a transitional facility, biosecurity control area or containment facility to another transitional facility, biosecurity control area or containment facility or to export those goods from New Zealand.

Biosecurity Clearance

A clearance under section 26 of the Act for the entry of goods into New Zealand.

Explanatory note: Goods given a biosecurity clearance by an Inspector are released to the importer without restriction.

Certifying Official

A person authorised by the Competent Authority to sign health certificates for aquatic animals.

Code

The OIE Aquatic Animal Health Code as found on the OIE website.

Competent Authority

The Veterinary or other Governmental Authority of an OIE Member, that has the responsibility and competence for ensuring or supervising the implementation of animal health and welfare measures, international health certification and other standards and recommendations in the *Code* in the whole territory.

CTO Direction

Chief Technical Officer (CTO) Direction - equivalent measures recorded by number under section 27(1)(d)(iii) of the Act, to enable border staff to clear the goods and record the number in the MPI database.

Direct Water System

Water system with flow or operating practices (e.g. use of the same nets and gloves without sterilisation, splash from lidless tanks) between tanks that potentially allow pathogen transfer.

Water treatments between tanks (e.g. UV filters) and operating practices must be approved by MPI for tanks to be considered as not in the same direct water system.

Director-General

The chief executive of the Ministry for Primary Industries.

Health Certificate

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A certificate, issued in conformity with the provisions of the *Code* Chapter for certification procedures, describing the animal health and/or public health requirements which are fulfilled by the exported commodities.

Hybrid

Offspring resulting from the interbreeding between two distinct species.

Inspector

A person who is appointed an Inspector under section 103 of the Act.

Explanatory note: An Inspector is appointed to undertake administering and enforcing the provisions of the Act and controls imposed under the Hazardous Substances and New Organism (HSNO) Act 1996, and the Convention on the International Trade in Endangered Species (CITES).

Manual

The World Organisation for Animal Health (OIE) Manual of Diagnostic Tests and Vaccines for Aquatic Animals.

MPI

Ministry for Primary Industries, New Zealand.

MPI Approved Test

A representative number of ornamental fish or marine invertebrates, as determined by MPI, tested to show that the ornamental fish or marine invertebrates are free from a specified disease of concern.

Note: The number of fish required for a test will vary with such factors as number of fish in the batch and the disease agent being investigated, and will be determined by MPI on a case by case basis.

OIE

The World Organisation for Animal Health.

Transitional Facility

A transitional facility means

a) Any place approved as a transitional facility in accordance with section 39 of the Biosecurity Act (1993) for the purpose of inspection, testing, storage, treatment, holding or destruction of uncleared goods; or
b) A part of a port declared to be a transitional facility in accordance with section 39 of the Biosecurity Act (1993).

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Schedule 3 – Species of Ornamental Fish and Marine Invertebrates Susceptible to Diseases in Part 2

Risk management options - freshwater fish

FAMILY	GENUS	SPECIES	CLIMATE	HAZARDS REQUIRING MITIGATION	
POECILIDAE	*Poecilia*	*latipinna*	tropical	2.2	2.11
		reticulata	tropical	2.2	2.11
		sphenops	tropical	2.2	
		velifera	tropical	2.2	
	Xiphophorus	*hellerii*	tropical	2.2	2.11
		maculatus	tropical	2.2	2.11
	Aplocheilichthys	*normani*	tropical	2.2	
	Lacustricola	*pumulis*	tropical	2.2	
CICHLIDAE	*Apistogramma*	*agassizii*	tropical	2.2	
		alacrina	tropical	2.2	
		albertini	tropical	2.2	
		ambiacus	tropical	2.2	
		amoenum	tropical	2.2	
		arua	tropical	2.2	
		atahualpa	tropical	2.2	
		bitaeniata	tropical	2.2	
		brevis	tropical	2.2	
		cacatuoides	tropical	2.2	
		caetei	tropical	2.2	
		celeste	tropical	2.2	
		cruzi	tropical	2.2	
		curutu	tropical	2.2	
		diplotaenia	tropical	2.2	
		elizabethae	tropical	2.2	
		eremnopyge	tropical	2.2	
		esmerald	tropical	2.2	
		eunotus	tropical	2.2	
		galaxis	tropical	2.2	
		geisleri	tropical	2.2	
		gephyra	tropical	2.2	
		gibbiceps	tropical	2.2	
		gossei	tropical	2.2	
		guttata	tropical	2.2	
		hauswell	tropical	2.2	
		hippolytae	tropical	2.2	
		hoignei	tropical	2.2	
		hongsloi	tropical	2.2	
		huallaga	tropical	2.2	
		inconspicua	tropical	2.2	
		iniridae	tropical	2.2	
		juruensis	tropical	2.2	
		laulate	tropical	2.2	
		linkei	tropical	2.2	
		luelingi	tropical	2.2	
		maciliense	tropical	2.2	
		macmasteri	tropical	2.2	
		marine	tropical	2.2	
		martini	tropical	2.2	
		meinkeni	tropical	2.2	
		melgar	tropical	2.2	
		mendezi	tropical	2.2	

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FAMILY	GENUS	SPECIES	CLIMATE	HAZARDS REQUIRING MITIGATION				
		moae	tropical		2.2			
		morthentaler	tropical		2.2			
		napo	tropical		2.2			
		nijsseni	tropical		2.2			
		norberti	tropical		2.2			
		ortmanni	tropical		2.2			
		panduro	tropical		2.2			
		papagallo	tropical		2.2			
		paracas	tropical		2.2			
		paucisquamis	tropical		2.2			
		payaminonis	tropical		2.2			
		personata	tropical		2.2			
		pertensis	tropical		2.2			
		pevas	tropical		2.2			
		piauiensis	tropical		2.2			
		pucallpensis	tropical		2.2			
		pulchra	tropical		2.2			
		regani	tropical		2.2			
		resticulosa	tropical		2.2			
		rubrolineata	tropical		2.2			
		rupunui	tropical		2.2			
		rupununi	tropical		2.2			
		sanchesi	tropical		2.2			
		shishita	tropical		2.2			
		staecki	tropical		2.2			
		steindachneri	tropical		2.2			
		taeniata	tropical		2.2			
		trifasciata	tropical		2.2			
		uaupesi	tropical		2.2			
		urteagai	tropical		2.2			
		viejita	tropical		2.2			
		borellii	subtropical	2.1	2.2			
		commbrae	subtropical	2.1	2.2			
		pleurotaenia	subtropical	2.1	2.2			
	Etroplus	*maculatus*	tropical		2.2	2.9		
		suratensis	tropical		2.2	2.9		
	Pterophyllum	*altum*	tropical		2.2			
		leopoldi	tropical		2.2			
		scalare	tropical		2.2			
	Herichthys	*cyanoguttatus*	subtropical	2.11				
HELOSTOMATIDAE	*Helostoma*	*rudolfi*	tropical	2.2				
		temminkii	tropical	2.2				
OSPHRONEMIDAE	*Osphronemus*	*goramy*	tropical	2.9				
	Macropodus	*opercularis*	subtropical	2.9				
BELONTIIDAE	*Colisa*	*chuna*	tropical	2.2	2.9			
		lalia	tropical	2.2	2.9			
	Trichogaster	*labiosus*	tropical	2.2	2.9			
		leerii	tropical	2.2	2.9			
		microlepis	tropical	2.2	2.9			
		pectoralis	tropical	2.2	2.9			
		trichopterus	tropical	2.2	2.9			
TOXOTIDAE	*Toxotes*	*jaculatrix*	tropical	2.9				
CYPRINIDAE	*Danio*	*kyathit*	subtropical	2.1				2.12
	Esomus	*danricus*	tropical				2.9	
	Labeo	*chrysophekadion*	tropical				2.9	
		erythropterus	tropical				2.9	
	Puntius	*arulius*	tropical				2.9	

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FAMILY	GENUS	SPECIES	CLIMATE	HAZARDS REQUIRING MITIGATION							
		bimaculatus	tropical					2.9			
		cumingii	tropical					2.9			
		everetti	tropical					2.9			
		fasciatus	tropical					2.9			
		filamentosus	tropical					2.9			
		hexazona	tropical					2.9			
		lateristriga	tropical					2.9			
		lineatus	tropical					2.9			
		narayani	tropical					2.9			
		nigrofasciatus	tropical					2.9			
		oligolepis	tropical					2.9			
		pentazona	tropical					2.9			
		rhomboocellatus	tropical					2.9			
		sachsii	tropical					2.9			
		titteya	tropical					2.9			
		conchonius	subtropical	2.1	2.3	2.6	2.7	2.9	2.11	2.12	2.13
		denisonii	subtropical	2.1	2.3	2.6	2.7	2.9	2.11	2.12	2.13
		gelius	subtropical	2.1	2.3	2.6	2.7	2.9	2.11	2.12	2.13
		ticto	subtropical	2.1	2.3	2.6	2.7	2.9	2.11	2.12	2.13
	Tanichthys	*albonubes*	subtropical	2.1							
	Carassius	*auratus*	temperate	2.1	2.4	2.5	2.8	2.9	2.9	2.11	2.12
TERNOPYGIDAE	*Eigenmannia*	*viriscens*	subtropical	2.6							
CHARACIDAE	*Astyanax*	*fasciatus*	subtropical	2.11							
		mexicanus	subtropical	2.11							
	Hyphessobrycon	*anisitsi*	subtropical	2.7							
		luetkenii	subtropical	2.7							
BAGRIDAE	*Mystus*	*micracanthus*	tropical	2.9							
		tengara	tropical	2.9							
		vittatus	tropical	2.9							
	Pseudomystus	*siamensis*	tropical	2.9							
SILURIDAE	*Kryptopterus*	*bicirrhis*	tropical	2.9							
	Ompok	*bimaculatus*	tropical	2.9							
		sabanus	tropical	2.9							
MASTACEMBELIDAE	*Mastacembelus*	*armatus*	tropical	2.9							
		erythrotaenia	tropical	2.9							

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Risk management options – marine fish

FAMILY	GENUS	SPECIES	CLIMATE	HAZARDS REQUIRING MITIGATION		
SYGNATHIDAE	*Hippocampus*	*coronatus*	subtropical	2.14		
		reidi	subtropical	2.14		
		spinosissimus	subtropical	2.14		
		whitei	temperate	2.14		
SCATOPHAGIDAE	*Scatophagus*	*argus*	tropical	2.9		
LABRIDAE	*Labroides*	*bicolor*	tropical	2.2		
		dimidiatus	tropical	2.2		
		pectoralis	tropical	2.2		
		phthirophagus	tropical	2.2		
SERRANIDAE	*Cephalopholis*	*miniata*	tropical		2.18	
		urodeta	tropical		2.18	
	Cromileptes	*altivelis*	tropical		2.18	
	Epinephelus	*merra*	tropical	2.2	2.9	2.18
MONACANTHIDAE	*Acreichthys*	*tomentosus*	tropical	2.2		
APOGONIDAE	*Ostorhinchus*	*maculiferus*	tropical	2.2	2.18	

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Risk management options – marine invertebrates

FAMILY	GENUS	SPECIES	CLIMATE	HAZARDS REQUIRING MITIGATION (11.x)
DECAPODA	*Enoplometopus*	*occidentalis*	tropical	2.15
	Lysmata	*grabhami*	subtropical	2.15
		amboinensis	tropical	2.15
		debelius	tropical	2.15
		wurdemanni	tropical	2.15
	Periclimenes	*brevicarpalis*	tropical	2.15
	Stenopus	*hispidus*	tropical	2.15
		cyanoscelis		2.15
	Rhynchocinetes	*uritai*	tropical	2.15
	Saron	*marmoratus*	tropical	2.15

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Schedule 4 – Approved Species of Ornamental Fish and Marine Invertebrates

Freshwater ornamental fish

Valid scientific name	Common name
Abramites hypselonotus	Marbled headstander
Acantopsis choirorhynchos	Horseface loach
Acantopsis dialuzona	
Acarichthys heckelii	Threadfin acara
Aequidens pulcher	Blue acara
Aequidens rivulatus	Gold suam
Agamyxis pectinifrons	
Alestopeterius caudalis	Yellowtail Congo tetra
Altolamprologus compressiceps	Compressiceps cichlid
Amblydoras hancockii	Blue-eye catfish
Amphilophus citrinellus	Midas cichlid
Anableps anableps	Foureyes
Anomalochromis thomasi	African butterfly cichlid
Ancinstrus hoplogenys	
Ancistrus aguaboensis	
Ancistrus bodenhameri	Ancistrus damasceni
Ancistrus brevifilis	
Ancistrus cirrhosus	Jumbie teta
Ancistrus claro	
Ancistrus clementinae	
Ancistrus cryptophthalmus	Golden pheco
Ancistrus damasceni	
Ancistrus dolichancustrus	
Ancistrus dolichopterus	Bushymouth catfish
Ancistrus dubius	
Ancistrus erinaceus	
Ancistrus formoso	
Ancistrus fulvus	
Ancistrus galani	
Ancistrus gymnorhynchus	
Ancistrus hoplogenys	
Ancistrus jataiensis	
Ancistrus jelskii	
Ancistrus latifrons	
Ancistrus leucostictus	
Ancistrus lineolatus	
Ancistrus macrophthalmus	
Ancistrus maculatus	
Ancistrus malacops	
Ancistrus maracasae	
Ancistrus martini	
Ancistrus mattogrossensis	
Ancistrus montanus	
Ancistrus multispinis	
Ancistrus nudiceps	

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Ancistrus occidentalis	
Ancistrus pirareta	
Ancistrus ranunculus	
Ancistrus reisi	
Ancistrus salgadae	
Ancistrus spinosus	
Ancistrus tamboensis	
Ancistrus temmincki	Yellow black eye
Ancistrus triradiatus	
Anostomus anostomus	Striped headstander
Anostomus ternetzi	
Aphyocharax paraguayensis	White spot tetra
Aphyocharax rathbuni	Redbelly tetra
Aphyosemion australe	Lyretail panchax
Aphyosemion bitaeniatum	
Aphyosemion bivittatum	Twostripe lyretail
Aphyosemion striatum	
► *Apistogramma agassizii*	Agassiz's dwarf cichlid
► *Apistogramma alacrina*	
► *Apistogramma albertini*	
► *Apistogramma ambiacus*	
► *Apistogramma amoenum*	Pleasant cichlid
► *Apistogramma arua*	
► *Apistogramma atahualpa*	
► *Apistogramma bitaeniata*	Two-striped dwarf cichlid
► *Apistogramma borellii*	Umbrella cichlid
► *Apistogramma brevis*	
► *Apistogramma cacatuoides*	Cockatoo cichlid
► *Apistogramma caetei*	
► *Apistogramma celeste*	
► *Apistogramma commbrae*	Corumba cichlid
► *Apistogramma cruzi*	
► *Apistogramma curutu*	
► *Apistogramma diplotaenia*	
► *Apistogramma elizabethae*	
► *Apistogramma eremnopyge*	
► *Apistogramma esmerald*	
► *Apistogramma eunotus*	
► *Apistogramma galaxis*	
► *Apistogramma geisleri*	
► *Apistogramma gephyra*	
► *Apistogramma gibbiceps*	Yellow cheeked dwarf
► *Apistogramma gossei*	
► *Apistogramma guttata*	
► *Apistogramma hauswell*	
► *Apistogramma hippolytae*	Two spot apistogramma
► *Apistogramma hoignei*	
► *Apistogramma hongsloi*	
► *Apistogramma huallaga*	
► *Apistogramma inconspicua*	
► *Apistogramma iniridae*	
► *Apistogramma juruensis*	
► *Apistogramma laulate*	

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► *Apistogramma linkei*	
► *Apistogramma luelingi*	
► *Apistogramma maciliense*	
► *Apistogramma macmasteri*	
► *Apistogramma marine*	
► *Apistogramma martini*	
► *Apistogramma meinkeni*	
► *Apistogramma melgar*	
► *Apistogramma mendezi*	
► *Apistogramma moae*	
► *Apistogramma morthentaler*	
► *Apistogramma napo*	
► *Apistogramma nijsseni*	
► *Apistogramma norberti*	
► *Apistogramma ortmanni*	
► *Apistogramma panduro*	
► *Apistogramma papagallo*	
► *Apistogramma paracas*	
► *Apistogramma paucisquamis*	
► *Apistogramma payaminonis*	
► *Apistogramma personata*	
► *Apistogramma pertensis*	Amazon dwarf cichlid
► *Apistogramma pevas*	
► *Apistogramma piauiensis*	
► *Apistogramma pleurotaenia*	
► *Apistogramma pucallpensis*	
► *Apistogramma pulchra*	
► *Apistogramma regani*	
► *Apistogramma resticulosa*	
► *Apistogramma rubrolineata*	
► *Apistogramma rupunui*	
► *Apistogramma rupununi*	Two-spot apistogramma
► *Apistogramma sanchesi*	
► *Apistogramma shishita*	
► *Apistogramma staecki*	
► *Apistogramma steindachneri*	
► *Apistogramma taeniata*	
► *Apistogramma trifasciata*	Blue apistogramma
► *Apistogramma uaupesi*	
► *Apistogramma urteagai*	
► *Apistogramma viejita*	
► *Aplocheilichthys normani*	Norman's lampeye
Aplocheilus dayi	Gold panchax
Aplocheilus lineatus	Striped panchax
Aplocheilus panchax panchax	Blue panchax
Apteronotus albifrons	Black ghost
Apteronotus bonapartii	
Apteronotus brasiliensis	
Apteronotus caudimaculosus	
Apteronotus cuchillejo	
Apteronotus jurubidae	
Apteronotus leptorhynchus	Long nose black ghost
Apteronotus macrolepsis	

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Apteronotus marauna	
Apteronotus marcrostomus	
Apteronotus mariae	
Apteronotus rostratus	
Apteronotus spurrellii	
Archocentrus nigrofasciatus	Convict cichlid
Archocentrus sajica	
Archocentrus spilurus	Black acara
Arnoldichthys spilopterus	Niger tetra
Aspidoras pauciradiatus	Sixray corydoras
Astronotus ocellatus	Oscar
► *Astyanax fasciatus*	Banded astyanax
Astyanax jordani	
► *Astyanax mexicanus*	Blind cave tetra
Astyanax ruberrimus	
Aulonocara baenschi	Nkhomo-benga peacock
Aulonocara jacobfreibergi	Fairy cichlid
Aulonocara maylandi kandeensis	Blue orchid aulonocara
Aulonocara maylandi maylandi	Blue orchid peacock
Aulonocara nyassae	Peacock cichlid
Aulonocara stuartgranti	Flavescent peacock
Axelrodia stigmatis	
Badis badis	Badis
Balantiocheilos melanopterus	Silver shark
Barbonymus schwanenfeldii	Tinfoil barb
Baryancistrus L018	
Baryancistrus L177	
Baryancistrus longipinnis	
Baryancistrus niveatus	
Beaufortia leveretti	
Bedotia geayi	Madagasgar rainbow
Betta coccina	Green spot betta
Betta imbellis	Peacock betta
Betta pugnax	
Betta splendens	Siamese fighter
Biotodoma cupido	Greenstreaked eartheater
Boehlkea fredcochui	Cochu's blue tetra
Boraras brigittae	
Boraras maculatus	Dwarf rasbora
Botia almorhae	
Botia dario	Bengal loach
Botia histrionica	
Botia kubotai	Kubotai botia
Botia lecontei	Redtail botia
Botia lohachata	Reticulate loach
Botia modesta	Redtail botia
Botia morleti	Skunk botia
Botia sidthimunki	Dwarf botia
Botia striata	Zebra loach
Brachydanio albolineatus	Pearl danio
Brachygobius doriae	Bumblebee goby
Brachygobius nunus	
Brachygobius xanthozonus	Bumblebee fish

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Brachysynodontis batensoda	
Brochiloricaria macrodon	
Brochis britskii	
Brochis splendens	Emerald catfish
Brycinus longipinnis	Longfin african tetra
Bunocephalus bifidus	
Bunocephalus coracoideus	Banjo catfish
Bunocephalus knerii	Banjo catfish
Caecomastacembelus frenatus	Longtail spiny eel
Caecomastacembelus loennbergii	Slender spiney eel
Caecomastacembelus zebratus	Zebra spiny eel
Campylomormyrus rhynochimpus	Bird beak mormyrid
Capoeta oligolepis	Checkered barb
► *Capoeta semifasciolatus*	Chinese barb
Capoeta tetrazona	Tiger barb
Capoeta titteya	Cherry barb
► *Carassius auratus*	
Carinotetraodon lorteti	Sumatran red eye puffer
Carinotetraodon travancoricus	Dwarf puffer
Carnegiella marthae	Blackwing hatchetfish
Carnegiella myersi	Pygmy hatchetfish
Carnegiella strigata	Marbled hatchetfish
Chaetostoma aburrensis	
Chaetostoma thomsoni	
Chalceus erythrurus	Yellow-finned chalceus
Chalceus macrolepidotus	Pinktail chalceus
Cheirodon interruptus	Uruguay tetra
Chela dadiburjori	Dadio
Chela laubuca	Indian glass barb
Chilodus gracilis	Headstander
Chilodus punctatus	Spotted headstander
Chitala chitala	Clown knifefish
Chitala ornata	Clown featherback
Chromobotia macracanthus	Clown loach
Cichlasoma festae	Guayas cichlid
Cichlasoma octofasciatum	Jack dempsey
Cichlasoma salvini	Yellow belly cichlid
Cleithracara maronii	Keyhole cichlid
► *Colisa chuna*	Honey gourami
► *Colisa lalia*	Dwarf gourami
Colomesus asellus	Amazon puffer
Colossoma macropomum	Tambaqui, Pacu
Copadichromis azureus	
Copadichromis borleyi	Red catango
Copadichromis chrysonotus	
Copeina guttata	Redspotted tetra
Copeina numerada	
Copeina osgoodi	
Copella arnoldi	Splash tetra
Copella carsevennensis	
Copella compta	
Copella eigenmanni	

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Copella metae	
Corydoras acrensis	Acre corydoras
Corydoras acutus	Blacktop corydoras
Corydoras adolfoi	Adolf's catfish
Corydoras aeneus	Bronze corydoras
Corydoras agassizii	
Corydoras amapaensis	Amapa corydoras
Corydoras ambiacus	Spotted corydoras
Corydoras arcuatus	Skunk corydoras
Corydoras atropersonatus	
Corydoras axelrodi	Pink/dwarf corydoras
Corydoras bifasciatus	Twostripe corydoras
Corydoras blochi	Spotback corydoras
Corydoras bondi	Blackstripe corydoras
Corydoras brillante	
Corydoras brochis	
Corydoras burgessi	
Corydoras caudimaculatus	Tailspot corydoras
Corydoras cervinus	Cervinus catfish
Corydoras chapi	
Corydoras cochui	Barredtail corydoras
Corydoras copei	
Corydoras daniella	
Corydoras davidsandsi	
Corydoras delphax	False blochi catfish
Corydoras diego	
Corydoras duplicareus	
Corydoras elegans	Elegant corydoras
Corydoras ephippifer	Saddle corydoras
Corydoras filamentosus	
Corydoras fowleri	
Corydoras gossei	Palespotted corydoras
Corydoras griseus	Gray corydoras
Corydoras guapore	Guapore corydoras
Corydoras habrosus	Salt and pepper catfish
Corydoras haraldschultzi	Mosaic corydoras
Corydoras hastatus	Dwarf corydoras
Corydoras huangana	
Corydoras huanta	
Corydoras jose luis	
Corydoras julii	Leopard corydoras
Corydoras kiko	
Corydoras latus	
Corydoras leucomeia	
Corydoras leucomelas	False spotted catfish
Corydoras loxozonus	
Corydoras macropterus	Sailfin corydoras
Corydoras maculifer	Dotted corydoras
Corydoras melagros	
Corydoras melanistius	Bluespotted corydoras
Corydoras melanotaenia	Green gold catfish
Corydoras melini	Bandit corydoras
Corydoras miguelito	

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Corydoras napoensis	
Corydoras narcizo	
Corydoras nattereri	Blue corydoras
Corydoras nijsseni	
Corydoras orphnopterus	
Corydoras paleatus	Peppered corydoras
Corydoras panda	Panda corydoras
Corydoras pastazensis	Pastaza corydoras
Corydoras pilatos	
Corydoras pulcher	Pretty corydoras
Corydoras pygmaeus	Pygmy corydoras
Corydoras robineae	Bannertail catfish
Corydoras sanchesi	
Corydoras schwartzi	Schwartz's catfish
Corydoras seussi	
Corydoras shiwa	
Corydoras similis	
Corydoras spilurus	Pinkthroat corydoras
Corydoras sterbai	Sterbai catfish
Corydoras sychri	Sychr's catfish
Corydoras treitlii	Longsnout corydoras
Corydoras undulatus	Reticulated corydoras
Corydoras weitzmani	Twosaddle corydoras
Corydoras xinguensis	Xingu corydoras
Corydoras zangama	
Corydoras zygatus	Black band catfish
Crenicara punctulatum	
Crenicichla lacustris	
Crossocheilus oblongus	Siamese flying fox
Crossocheilus siamensis	Siamese algae eater
Crossoloricaria variegata	
Crossoloricaria venezuelae	
Cryptoheros nigrofasciatus	
Cteniloricaria platysoma	
Ctenopoma acutirostre	Leaf fish
Cynotilapia afra	
Cyphotilapia frontosa	Humphead cichlid
Cyrtocara moorii	Hump-head
Danio choprae	Glowlight danio
Danio dangila	
Danio feegradei	Yoma danio
Danio kerri	Blue danio
► *Danio kyathit*	
Danio nigrofasciatus	Dwarf danio
Danio rerio	Leopard danio
Danio sp. "pantheri".	Panther danio
Dario dario	Scarlet Badis
Dasyloricaria capetensis	
Dasyloricaria filamentosa	
Datnioides quadrifasciatus	Siamese tiger fish
Datnoides microlepsis	
Dekeyseria brachyura	

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Dekeyseria L052	
Dekeyseria picta	
Dekeyseria pulcher	
Dekeyseria scaphirhyncha	
Dermogenys pusilla	Malayan half beak
Devario aequipinnatus	Giant danio
Devario malabaricus	Malabar danio
Devario pathirana	Barred danio
Devario shanensis	Hora danio
Dianema longibarbis	Porthole catfish
Dianema urostriatum	Flagtail catfish
Dicrossus filamentosus	Chessboard cichlid
Dicrossus maculatus	
Dimidiochromis compressiceps	
Distichodus affinis	Silver distichodus
Distichodus lusosso	Longsnout distichodus
Distichodus sexfasciatus	Sixbar distichodus
Dolichancistrus fuesslii	
► *Eigenmannia virescens*	Green knifefish
Eirmotus octozona	Eight banded barb
Epalzeorhynchos bicolor	Redtail shark minnow
Epalzeorhynchos frenatum	Rainbow shark
Epalzeorhynchos kalopterus	Flying fox
Epalzeorhynchos munense	
Erethistes hara	
► *Esomus danricus*	Flying barb
► *Etroplus maculatus*	Orange chromide
► *Etroplus suratensis*	Green chromide
Exodon paradoxus	Bucktooth tetra
Farlowella acus	Twig catfish
Farlowella amazona	
Farlowella colombiensis	
Farlowella curtirostra	
Farlowella gracilis	
Farlowella hasemani	
Farlowella henriquei	
Farlowella isbruckeri	
Farlowella knerii	
Farlowella martini	
Farlowella nattereri	
Farlowella odontotumulus	
Farlowella oxyrryncha	
Farlowella platoryncha	
Farlowella rugosa	
Farlowella smithi	
Farlowella taphorni	
Farlowella venezuelensis	
Farlowella vittata	
Fundulopanchax amieti	Amiet's lyretail
Fundulopanchax filamentosus	Plumed lyretail
Fundulopanchax gardneri gardneri	Blue lyretail

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Fundulopanchax scheeli	
Fundulopanchax sjostedti	Blue gularis
Fundulopanchax walkeri	
Fundulopanchax gardneri nigerianus	
Garra ceylonensis	Stone sucker
Gasteropelecus levis	
Gasteropelecus maculatus	Spotted hatchetfish
Gasteropelecus sternicla	River hatchetfish
Gastromyzon punctulatus	
Geophagus brasiliensis	Pearl cichlid
Geophagus steindachneri	Redhump eartheater
Geophagus surinamensis	Redstriped eartheater
Glossolepis incisus	Red rainbowfish
Glossolepis multisquamata	Sepik rainbowfish
Glyptoperichthys gibbiceps	Leopard pleco
Glyptoperichthys joselimaianus	
Glyptoperichthys lituratus	
Glyptoperichthys punctatus	Corroncho
Gnathonemus petersii	Elephantnose fish
Gymnocorymbus ternetzi	Black widow tetra
Gymnogeophagus balzanii	Argentine humphead
Gymnotus carapo	
Gymnotus pedanopterus	
Gyrinocheilus aymonieri	Chinese algae-eater
Haplochromis brownae	
Haplochromis burtoni	Burton's hap
Hasemania nana	Silvertip tetra
► *Helostoma rudolfi*	Pink kissing gourami
► *Helostoma temminkii*	Kissing gourami
Hemiancistrus annectens	
Hemiancistrus chlorostictus	
Hemiancistrus fugleri	
Hemiancistrus fuliginosus	
Hemiancistrus holostictus	
Hemiancistrus L128	
Hemiancistrus macrops	
Hemiancistrus maracaiboensis	
Hemiancistrus megacephalus	
Hemiancistrus megalopteryx	
Hemiancistrus meizospilos	
Hemiancistrus micrommatos	
Hemiancistrus punctulatus	
Hemiancistrus spilomma	
Hemiancistrus spinosissimus	
Hemiancistrus subviridis	Gold pleco
Hemianscistrus annectens	
Hemichromis bimaculatus	Jewelfish
Hemigrammus bleheri	Brilliant rummy nose
Hemigrammus brevis	
Hemigrammus coeruleus	
Hemigrammus elegans	

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Hemigrammus erythrozonus	Glowlight tetra
Hemigrammus gracilis	
Hemigrammus guyanensis	
Hemigrammus hyanuary	Silvertip tetra
Hemigrammus levis	
Hemigrammus marginatus	
Hemigrammus ocellifer	Head-and-taillight tetra
Hemigrammus pulcher	Garnet tetra
Hemigrammus rhodostomus	Rummy-nose tetra
Hemigrammus rodwayi	Gold tetra
Hemigrammus stictus	
Hemigrammus unilineatus	Featherfin tetra
Hemiodus gracilis	
Herichthys carpintis	Lowland cichlid
► *Herichthys cyanoguttatus*	Texas cichlid
Heros severus	Severum
Hisonotus francirochai	
Hisonotus maculipinnis	
Hopliancistrus L017	
Hoplosternum littorale	
Hypancistrus zebra	
Hypancistrus L129	
Hypancystrus L-260	
Hyphessobrycon amandae	Ember tetra
Hyphessobrycon amapaensis	
► *Hyphessobrycon anisitsi*	Aires tetra
Hyphessobrycon axelrodi	Calypso tetra
Hyphessobrycon bentosi	Rosy tetra
Hyphessobrycon bifasciatus	Yellow tetra
Hyphessobrycon columbianus	Columbian tetra
Hyphessobrycon copelandi	
Hyphessobrycon ecuadoriensis	Colombian tetra
Hyphessobrycon elachys	
Hyphessobrycon eos	Dawn tetra
Hyphessobrycon epicharis	
Hyphessobrycon eques	Serpae tetra
Hyphessobrycon erythrostigma	Bleeding-heart tetra
Hyphessobrycon flammeus	Flame tetra
Hyphessobrycon gracilior	Glowlight tetra
Hyphessobrycon griemi	Goldspotted tetra, Flame tetra
Hyphessobrycon haraldschultzi	
Hyphessobrycon heliacus	
Hyphessobrycon herbertaxelrodi	Black neon tetra
Hyphessobrycon heterorhabdus	Flag tetra
Hyphessobrycon loretoensis	Loreto tetra
► *Hyphessobrycon luetkenii*	
Hyphessobrycon megalopterus	Black phantom tetra
Hyphessobrycon metae	Purple tetra
Hyphessobrycon micropterus	
Hyphessobrycon nigricinctus	
Hyphessobrycon peruvianus	Peruvian tetra
Hyphessobrycon pulchripinnis	Lemon tetra
Hyphessobrycon pyrrhonotus	Red back bleeding heart

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Hyphessobrycon rosaceus	Rosy tetra
Hyphessobrycon roseus	Yellow red tail phantom tetra
Hyphessobrycon scholzei	Blackline tetra
Hyphessobrycon socolofi	Bleeding-heart tetra
Hyphessobrycon sweglesi	Red phantom tetra
Hyphessobrycon takasei	Coffee-bean tetra
Hypoptopoma gulare	
Hypostomus agna	
Hypostomus alatus	
Hypostomus albopunctatus	
Hypostomus ancistroides	
Hypostomus angipinnatus	
Hypostomus argus	
Hypostomus borellii	
Hypostomus boulengeri	
Hypostomus brevis	
Hypostomus carvalhoi	
Hypostomus cochilodon	
Hypostomus crassicauda	
Hypostomus garmani	
Hypostomus hondae	
Hypostomus interruptus	
Hypostomus itacua	
Hypostomus jaguribensis	
Hypostomus johnii	
Hypostomus latifrons	
Hypostomus lima	
Hypostomus luteus	
Hypostomus macrops	
Hypostomus macushi	
Hypostomus meleagris	
Hypostomus micromaculatus	
Hypostomus microstomus	
Hypostomus mutucae	
Hypostomus myersi	
Hypostomus nematopterus	
Hypostomus niceforoi	
Hypostomus nickeriensis	
Hypostomus niger	
Hypostomus occidentalis	
Hypostomus oculeus	
Hypostomus panamensis	
Hypostomus paulinus	
Hypostomus plecostomoides	
Hypostomus plecostomus	Suckermouth catfish
Hypostomus punctatus	
Hypostomus regani	
Hypostomus robinii	Teta
Hypostomus rondoni	
Hypostomus roseopunctatus	
Hypostomus sipaliwinii	
Hypostomus taphorni	
Hypostomus ternetzi	

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Hypostomus tietensis	
Hypostomus unae	
Hypostomus uruguayensis	
Hypostomus vaillanti	
Hypostomus varimaculosus	
Hypostomus vermicularis	
Hypostomus verres	
Hypostomus watwata	
Hypselecara coryphaenoides	Chocolate cichlid
Hypselecara temporalis	Emerald cichlid
Hypsophrys nicaraguense	Moga
Hysibarbus vernayi	Yellowfin barb
Inpaichthys kerri	Blue Emperor tetra
Iriatherina werneri	Threadfin rainbowfish
Ixinandria steinbachi	
Jordanella floridae	American flagfish
Julidochromis dickfeldi	Marliers julie
Julidochromis marlieri	
Julidochromis ornatus	Golden julie
Julidochromis regani	Convict julie
Julidochromis transcriptus	Masked julie
Kronichthys lacerta	
► *Kryptopterus bicirrhis*	Glass catfish
Kryptopterus macrocephalus	
Kryptopterus minor	
► *Labeo chrysophekadion*	Black shark
► *Labeo erythropterus*	Rainbow shark
Labeotropheus fuelleborni	Blue mbuna
Labeotropheus trewavasae	Redtopped trewavasae
Labidochromis caeruleus	Electric Yellow
► *Lacustricola pumulis*	Tanganyika lampeye
Laetacara curviceps	Flag acara
Lamontichthys filamentosus	
Lamprologus kungweensis	
Lamprologus ocellatus	
Lasiancistrus caquetae	
Lasiancistrus castelnaui	
Lasiancistrus multispinis	Bristlemouth catfish
Lasiancistrus mystacinus	
Lasiancistrus planiceps	
Lasianistrus mayoloi	
Leporinus affinis	
Leporinus fasciatus	Banded leporinus
Leporinus steindachneri	
Leptobarbus hoevenii	Golden shark
Letoancistrus canensis	
Limatulichthys griseus	
Liposarcus anisitsi	Snow pleco
Lithoxus bovallii	

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Lithoxus planquettei	
Loriacariichthys maculatus	
Loricaria apeltogaster	
Loricaria cataphracta	
Loricaria lata	
Loricaria lentiginosa	
Loricaria simillima	
Loricaricaria altipinnis	
Loricariichthys acutus	
Loricariichthys cashibo	
Loricariichthys castaneus	
Loricariichthys labialis	
Loricariichthys maculatus	
Loricariichthys melanoptera	
Luciocephalus pulcher	Pikehead
Luciosoma setigerum	Apollo shark
Luciosoma spilopleura	
Macrognathus aculeatus	Spiny eel
Macrognathus circumcinctus	Tyre track eel
Macrognathus pancalus	Barred spiny eel
Macrognathus siamensis	Peacock eel
Macrognathus zebrinus	Zebra spiny eel
► *Macropodus opercularis*	
Maravichromis ericotaenia	
Marosatherina ladigesi	Celebes rainbow
► *Mastacembelus armatus*	Tire track eel
► *Mastacembelus erythrotaenia*	Fire eel
Maylandia callainos	Cobalt blue cichlid
Maylandia zebra	Zebra mbuna
Megalechis thoracata	Porthoplo catfish
Melanochromis auratus	Goldstripe cichlid
Melanochromis joanjohnsonae	Rainbow melanochromis
Melanochromis johannii	Blue melanochromis
Melanochromis vermivorus	
Melanotaenia affinis	North New Guinea rainbowfish
Melanotaenia australis	Western rainbowfish
Melanotaenia boesemani	Boeseman's rainbowfish
Melanotaenia herbertaxelrodi	Lake Tebera rainbowfish
Melanotaenia lacustris	Blue rainbowfish
Melanotaenia maccullochi	Macculloch's rainbowfish
Melanotaenia nigrans	Black-banded rainbowfish
Melanotaenia papuae	Papuan rainbowfish
Melanotaenia praecox	Dwarf rainbowfish
Melanotaenia splendida rubrostriata	Red-striped rainbowfish
Melanotaenia splendida splendida	Eastern rainbow fish
Melanotaenia trifasciata	Banded rainbowfish
Mesonauta festivus	
Mesonoemacheilus triangularis	Zodiac loach
Metynnis argentus	
Metynnis hypsauchen	Silver dollar
Metynnis maculatus	Spotted metynnis
Microctenopoma ansorgii	Ornate ctenopoma

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Microctenopoma fasciolatum	Banded ctenopoma
Microglanis cottoides	Bacon cat
Microglanis iheringi	
Microglanis poecilus	Dwarf marble cat
Microphis brachyurus brachyurus	Red Bellied freshwater pipe fish
Microrasbora erythromicron	Red striped rasbora
Microsynodontis lamberti	
Mikrogeophagus altispinosus	Bolivian dwarf butterfly fish
Mikrogeophagus ramirezi	Ram cichlid
Moenkhausia oligolepis	Glass tetra
Moenkhausia pittieri	Diamond tetra
Moenkhausia sanctaefilomenae	Lampeye tetra
Monocirrhus polyacanthus	Amazon leaf fish
Monodactylus argenteus	Mono angel
Monodactylus sebae	African moony
Mormyrus longirostris	Eastern bottlenose mormyrid
Mylandia greshakei	William's mbuna
Myloplus rubripinnis	Redhook myleus
Mylossoma aureum	Silver dollar
► *Mystus micracanthus*	Twospot catfish
► *Mystus tengara*	Silver mystus catfish
► *Mystus vittatus*	Striped dwarf catfish
Nandopsis tetracanthus	Cuban cichlid
Nandus nandus	Gangetic leaffish
Nannacara anomala	Goldeneye cichlid
Nannacara aureocephalus	
Nannostomus anduzei	
Nannostomus beckfordi	Golden pencilfish
Nannostomus bifasciatus	Whiteside pencilfish
Nannostomus britskii	Spotstripe pencilfish
Nannostomus digrammus	Twostripe pencilfish
Nannostomus eques	Brown pencilfish
Nannostomus espei	Barred pencilfish
Nannostomus harrisoni	Blackstripe pencilfish
Nannostomus limatus	Elegant pencilfish
Nannostomus marginatus	Dwarf pencilfish
Nannostomus marilynae	Greenstripe pencilfish
Nannostomus mortenthaleri	
Nannostomus nitidus	Shining pencilfish
Nannostomus trifasciatus	Threestripe pencilfish
Nannostomus unifasciatus	Oneline pencilfish
Nematobrycon lacortei	Rainbow tetra
Nematobrycon palmeri	Emperor tetra
Neolamprologus brevis	
Neolamprologus brichardi	Lyretail lamprologus
Neolamprologus leleupi	Lemon cichlid
Neolamprologus sexfasciatus	Six-bar lamprologus
Neolamprologus tretocephalus	Five-Bar lamprologus
Nimbochromis fuscotaeniatus	Fuscotaeniatus
Nimbochromis livingstonii	Livingstonii
Nimbochromis polystigma	Polystigma
Nimbochromis venustus	

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Nomorhamphus ebrardtii	
Nomorhamphus liemi	Celebes half beak
Nothobranchius eggersi	
Nothobranchius elongatus	Elongate nothobranch
Nothobranchius flammicomantis	
Nothobranchius foerschi	
Nothobranchius fuscotaeniatus	
Nothobranchius guentheri	Redtail notho
Nothobranchius korthausae	
Nothobranchius palmqvisti	
Nothobranchius patrizii	Blue notho
Nothobranchius rachovii	Bluefin notho
Nothobranchius rubripinnis	
Oligancistrus punctatissimus	Blue spotted pleco
► *Ompok bimaculatus*	Butter catfish
► *Ompok sabanus*	
Opsaridium christyi	Copper nose barb
► *Osphronemus goramy*	Giant gourami
Osteoglossum bicirrhosum	Silver arowana
Osteoglossum ferreirai	Black arowana
Otocinclus affinis	Golden otocinclus
Otocinclus flexilis	Otocinclus
Otocinclus gibbosus	
Otocinclus hasemani	
Otocinclus hoppei	
Otocinclus macrospilus	
Otocinclus mariae	
Otocinclus vestitus	
Otocinclus vittatus	Otocinclus
Panaqolus L204	Peru striped panaque
Panaque albomaculatus	
Panaque changae	
Panaque cochiliodon	
Panaque dentex	
Panaque gnomus	
Panaque maccus	Clown panaque
Panaque nigrolineatus	Royal panaque
Panaque nocturnus	Dusky panaque
Panaque purusiensis	
Panaque suttonorum	Panaque
Pangio anguillaris	
Pangio kuhlii	Coolie loach
Pangio myseri	Coolie loach
Pangio semicincta	Coolie/kuhli loach
Pantodon buchholzi	Freshwater butterflyfish
Papyrocranus afer	Reticulate knifefish
Paracheirodon axelrodi	Cardinal tetra
Paracheirodon innesi	
Paracheirodon simulans	Green neon tetra
Parachromis friedrichsthalii	
Parachromis managuensis	Guapote tigre

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Parambassis ranga	Glass fish
Parancistrus aurantiacus	
Parasphaerichthys ocellatus	Burmese choc gourami
Parosphromenus deissneri	Licorice gourami
Parotocinclus jumbo	
Parotocinclus maculicauda	
Peckoltia arenaria	
Peckoltia brevis	
Peckoltia snethlageae	
Peckoltia pulcher	
Peckoltia ucayalensis	
Peckoltia vermiculata	
Peckoltia vittata	Clown plecostomus
Peckoltia yaravi	
Pelvicachromis pulcher	Rainbow kribensis
Pelvicachromis taeniatus	Kribensis
Periophthalmus barbarus	Atlantic mudskipper
Perygoplichthys etentaculatus	
Petitella georgiae	False rummynose tetra
Phenacogrammus interruptus	Congo tetra
Pimelodella gracilis	Slender pimelodella
Pimelodus ornatus	Ornate cat
Pimelodus pictus	Pictus cat
Platydoras costatus	Raphael/chocolate catfish
► *Poecilia latipinna*	Sailfin molly
► *Poecilia reticulata*	Guppy
► *Poecilia sphenops*	Molly
► *Poecilia velifera*	Sail-fin molly
Pollimyrus nigripinnis	Dusky whale
Polyacanthus fasciatus	Banded gourami
Polycentropsis abbreviata	African leaf fish
Polycentrus schomburgkii	Guyana leaf fish
Polypterus delhezi	Barred bichir
Polypterus ornatipinnis	Ornate bichir
Polypterus palmas palmas	Shortfin bichir
Polypterus senegalus senegalus	Gray bichir
Prionobrama filigera	Glass bloodfin
Pristella maxillaris	Pristella
Protomelas fenestratus	Fenestratus
Pseudacanthicus leopardus	
Pseudacanthicus spinosus	
Pseudancistrus barbatus	Bearded catfish
Pseudancistrus conquenani	
Pseudancistrus guentheri	
Pseudancistrus orinoco	
Pseudancistrus serratus	
Pseudanistrus niger	
Pseudepiplatys annulatus	Clown killie
Pseudocorynopoma doriae	Dragonfin tetra
Pseudogastromyzon myersi	Sucker belly loach
Pseudomugil furcatus	Forktail rainbowfish
Pseudomugil gertrudae	Spotted blue-eye
Pseudomugil signifer	Pacific blue-eye

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► *Pseudomystus siamensis*	Bumblebee cat
Pseudotropheus aurora	Aurora cichlid
Pseudotropheus barlowi	
Pseudotropheus crabro	Bumble bee cichlid
Pseudotropheus elongatus	
Pseudotropheus estherae	Red zebra
Pseudotropheus flavus	
Pseudotropheus lombardoi	
Pseudotropheus socolofi	Pindani
Pseudotropheus tropheops	
Pseusoloricaria laeviuscula	
► *Pterophyllum altum*	
► *Pterophyllum leopoldi*	
► *Pterophyllum scalare*	Angelfish
Pterygoplichthys etentaculatus	
Pteryoplichthys barbatus	
► *Puntius arulius*	Arulius barb
► *Puntius bimaculatus*	Redside barb
► *Puntius conchonius*	Rosy barb
► *Puntius cumungii*	Two spot barb
► *Puntius denisonii*	Red-Line torpedo barb
► *Puntius everetti*	Clown barb
► *Puntius fasciatus*	Melon barb
► *Puntius filamentosus*	Blackspot barb
► *Puntius gelius*	Golden barb
► *Puntius hexazona*	Six-banded barb
► *Puntius lateristriga*	T-barb
► *Puntius lineatus*	Striped barb
► *Puntius narayani*	Narayan barb
► *Puntius nigrofasciatus*	Black ruby barb
► *Puntius oligolepis*	
► *Puntius pentazona*	Five banded barb
► *Puntius rhomboocellatus*	
► *Puntius sachsii*	Gold barb
► *Puntius ticto*	Ticto barb
► *Puntius titteya*	Cherry barb
Pyrrhulina eleanorae	
Pyrrhulina filamentosa	Pyrrhulinas
Rasbora argyrotaenia	Silver rasbora
Rasbora bankanensis	
Rasbora borapetensis	Blackline rasbora
Rasbora caudimaculata	Red scissortail
Rasbora cephalotaenia	
Rasbora dorsiocellata	Emerald eye rasbora
Rasbora einthovenii	Brilliant rasbora
Rasbora elegans	Twospot rasbora
Rasbora kalbarensis	Kalbar rasbora
Rasbora kalochroma	Clown rasbora
Rasbora pauciperforata	Redstripe rasbora
Rasbora rubrodorsalis	
Rasbora trilineata	Scissortail
Rasbora vaterifloris	Pearly rasbora

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Rasbora vulcanus	
Ricola macrops	
Rineloricaria beni	
Rineloricaria cacerensis	
Rineloricaria catamarcensis	
Rineloricaria cubataonis	
Rineloricaria eigenmanni	
Rineloricaria fallax	
Rineloricaria felipponei	
Rineloricaria hasemani	
Rineloricaria henselii	
Rineloricaria hoehnei	
Rineloricaria jubata	
Rineloricaria lanceolata	Chocolate coloured catfish
Rineloricaria latirostris	
Rineloricaria lima	
Rineloricaria magdalenae	
Rineloricaria microlepidogaster	
Rineloricaria microlepidota	
Rineloricaria nigricauda	
Rineloricaria parva	Whiptail catfish
Rineloricaria pinocchio	
Rineloricaria platyura	
Rineloricaria ruprestris	
Rineloricaria sneiderni	
Rineloricaria stewarti	
Rineloricaria teffeana	
Rineloricaria tiger	
Rineloricaria uracantha	
Satanoperca jurapari	Jurapari
Sawbwa resplendens	Sawba rasbora
► *Scatophagus argus*	Spotted scat
Sciaenochromis ahli	
Sciaenochromis fryeri	
Scleromystax barbatus	Banded corydoras
* *Scleropages formosus*	Golden arowana
Scleropages jardinii	Pearl arowana/Australian bonytongue
Scobinancistrus aureatus	Goldy pleco
Selenotoca multifasciata	Spotbanded scat
Selenotoca papuensis	Silver Scat
Semaprochilodus isignus	Flagtail prochilodus
Semaprochilodus taeniurus	Silver prochilodus
Spatuloricaria bushinose	
Spatuloricaria chameleon	
Spatuloricaria disceus	
Spatuloricaria evansii	
Spatuloricaria lanceolata	
Spatuloricaria malaria	
Spatuloricaria puganensis	
Sphaerichthys acrostoma	Chocolate gourami
Sphaerichthys osphromenoides	
Sphaerichthys vaillanti	

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Sqaliforma villarsi	
Sqaliforma virescens	
Sqauliforma annae	
Squaliforma emarginata	
Squaliforma squalina	
Squaliforma tenuicauda	
Squaliforma tenuis	
Steatocranus casuarius	Lionhead cichlid
Steatogenys duidae	
Steatogenys elegans	
Steatogenys ocellatus	
Stegostenopos cryptogenes	
Sternopygus macrurus	Black knife fish
Sturisoma aureum	
Sturisoma barbata	
Sturisoma kneri	
Sturisoma panamense	
Sturisoma rostratum	
Symphysodon aequifasciatus	Discus
Symphysodon discus	Discus
Simpsonichthys constanciae	
Sundadanio axelrodi	
Syncrossus berdmorei	Blyth's loach
Syncrossus helodes	Tiger botia
Syncrossus hymenophysa	
Synodontis acanthomias	
Synodontis alberti	Bigeye squeaker
Synodontis angelicus	Angel squeaker
Synodontis budgetti	
Synodontis caudovittatus	
Synodontis decorus	Decorated synodontis
Synodontis eupterus	
Synodontis multipunctatus	Cuckoo synodontis
Synodontis nigrita	Upsidedown catfish
Synodontis nigriventris	Blotched upsidedown catfish
Synodontis nigromaculatus	
Synodontis ocellifer	
Synodontis petricola	Cuckoo catfish
Synodontis pleurops	Bigeye synodontis
Synodontis robbianus	Vermiculated synodontis
Synodontis schoutedeni	
Taenicara candidi	
► *Tanichthys albonubes*	
Tetraodon biocellatus	Figure eight pufferfish
Tetraodon cochinchinensis	Mekong dragon puffer
Tetraodon fluviatilis	Green pufferfish
Tetraodon lineatus	Globe fish
Tetraodon nigroviridis	Spotted green pufferfish
Tetraodon palembangensis	Figure eight puffer
Tetraodon suvattii	Pig nose puffer
Thayeria boehlkei	Blackline penguinfish
Thayeria obliqua	Penguin

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Thoracocharax securis	Hatchet fish
Thoracocharax stellatus	Spotfin hatchetfish
Thorichthys meeki	Firemouth cichlid
► *Toxotes jaculatrix*	Banded archerfish
► *Trichogaster labiosus*	Thick lip gourami
► *Trichogaster leerii*	Pearl gourami
► *Trichogaster microlepis*	Moonlight gourami
► *Trichogaster pectoralis*	Snakeskin gourami
► *Trichogaster trichopterus*	Three spot gourami
Trichopsis pumila	Sparking pigmy gourmai
Trichopsis schalleri	
Trichopsis vittata	Croaking gourami
Trigonostigma espei	Lambchop rasbora
Trigonostigma hengeli	Slender wedge rasbora
Trigonostigma heteromorpha	Harlequin rasbora
Tropheus duboisi	Tropheus duboisi
Tropheus kasabe	
Tropheus moorii	Tropheus moorii
Uaru amphiacanthoides	Uaru
Variabilichromis moorii	
Vieja bifasciata	Red spotted cichlid
Vieja fenestrata	
Vieja maculicauda	Blackbelt cichlid
Vieja synspila	Redhead cichlid
Xenentodon cancila	Silver needlefish
Xenomystus nigri	African knifefish
► *Xiphophorus hellerii*	Swordtail
► *Xiphophorus maculatus*	Platy

KEY
* CITES species
► Species with additional measures required (refer to Schedule 3)

Draft for Consultation

Marine ornamental fish

Valid scientific name	Common name
Abudefduf saxatilis	Sergeant major
Acanthurus achilles	Achilles tang
Acanthurus blochii	Ringtail surgeonfish
Acanthurus chirurgus	Doctorfish
Acanthurus chronixis	Chronixis surgeonfish
Acanthurus coeruleus	Blue tang surgeonfish
Acanthurus dussumieri	Eyestripe surgeonfish
Acanthurus japonicus	Powder brown
Acanthurus leucosternon	Powderblue surgeonfish
Acanthurus lineatus	Lined surgeonfish
Acanthurus maculiceps	
Acanthurus nigricans	Whitecheek surgeonfish
Acanthurus nigricauda	Epaulette surgeonfish
Acanthurus nigrofuscus	Brown surgeonfish
Acanthurus olivaceus	Orangespot surgeonfish
Acanthurus pyroferus	Chocolate surgeonfish
Acanthurus sohal	Sohal surgeonfish
Acanthurus tennentii	Doubleband surgeonfish
Acanthurus triostegus	Convict surgeonfish
Acanthurus xanthopterus	
► *Acreichthys tomentosus*	Bristle-tail file-fish
Aeoliscus strigatus	Razorfish
Amblyeleotris diagonalis	Dragon goby
Amblyeleotris guttata	sunburst goby
Amblyeleotris randalli	Randall shrimp goby
Amblyeleotris wheeleri	Red banded goby
Amblygobius decussatus	Orange-striped goby
Amblygobius phalaena	Banded goby
Amblygobius rainfordi	Old glory
Amphiprion akallopisos	Skunk clownfish
Amphiprion akindynos	Barrier reef anemonefish
Amphiprion allardi	Twobar anemonefish
Amphiprion bicinctus	Twoband anemonefish
Amphiprion chrysogaster	Mauritian anemonefish
Amphiprion chrysopterus	Orangefin anemonefish
Amphiprion clarkii	Yellowtail clownfish
Amphiprion ephippium	Saddle anemonefish
Amphiprion frenatus	Tomato clownfish
Amphiprion leucokranos	Whitebonnet anemonefish
Amphiprion melanopus	Fire or cinnamone clownfish
Amphiprion ocellaris	Clown anemonefish
Amphiprion percula	Orange clownfish
Amphiprion perideraion	Pink anemonefish
Amphiprion polymnus	Saddleback clownfish
Amphiprion sandaracinos	Yellow clownfish
Amphiprion sebae	Sebae anemonefish
Amphiprion tricinctus	Maroon clownfish
Anampses chrysocephalus	Red tail wrasse

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Anampses femininus	Blue-striped orange tamarin
Anampses lennardi	Blue and yellow wrasse
Anampses lineatus	Lined wrasse
Anampses melanurus	White-spotted wrasse
Anampses meleagrides	Spotted wrasse
Anampses neoguinaicus	New Guinea wrasse
Anampses twistii	Yellowbreasted wrasse
Antennarius hispidus	Shaggy angler
Antennarius pictus	Painted frogfish
Antennarius striatus	Striated frogfish
Antennatus tuberosus	Tuberculated frogfish
Apogon leptacanthus	Threadfin cardinalfish
Apogon nigrofasciatus	Blackstripe cardinalfish
Apolemichthys trimaculatus	Three spot angelfish
Apolemichthys xanthopunctatus	
Apolemichthys xanthurus	Cream Angel
Arothron hispidus	White-spotted puffer
Arothron meleagris	Guineafowl puffer
Arothron nigropunctatus	Blackspotted puffer
Arothron stellatus	Starry toadfish
Assessor flavissimus	Yellow devilfish
Atrosalarias fuscus fuscus	
Balistapus undulatus	Orange-lined triggerfish
Balistoides conspicillum	Clown triggerfish
Bodianus anthioides	Lyretail hogfish
Bodianus axillaris	Axilspot hogfish
Bodianus bilunulatus	Tarry hogfish
Bodianus bimaculatus	Twospot hogfish
Bodianus macrourus	Black-banded hogfish
Bodianus mesothorax	Splitlevel hogfish
Calloplesiops argus	Marine betta
Calloplesiops altivelis	Marine betta
Canthigaster amboinensis	Spider-eye puffer
Canthigaster jactator	Hawaiian whitespotted toby
Canthigaster janthinoptera	Honeycomb toby
Canthigaster margaritata	Sharpnose puffer
Canthigaster solandri	Spotted sharpnose
Canthigaster valentini	Valentinni's sharpnose puffer
Centropyge acanthops	Orangeback angelfish
Centropyge aurantia	Golden angelfish
Centropyge aurantonotus	Flameback angelfish
Centropyge bicolor	Bicolor angelfish
Centropyge bispinosa	Twospined angelfish
Centropyge colini	
Centropyge eibli	Blacktail angelfish
Centropyge ferrugata	Rusty angelfish
Centropyge fisheri	Orange angelfish
Centropyge flavicauda	Whitetail angelfish
Centropyge flavipectoralis	Yellowfin angelfish
Centropyge flavissima	Lemonpeel angelfish

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Centropyge heraldi	Yellow angelfish
Centropyge loricula	Flame angel
Centropyge multicolor	Multicolor angelfish
Centropyge multifasciata	Barred angelfish
Centropyge multispinis	Dusky angelfish
Centropyge nox	Midnight angelfish
Centropyge potteri	Russet angelfish
Centropyge shepardi	Mango angelfish
Centropyge tibicen	Keyhole angelfish
Centropyge venustus	Purplemask angelfish
Centropyge vrolikii	Pearlscale angelfish
► *Cephalopholis miniata*	Coral hind
► *Cephalopholis urodeta*	Darkfin hind
Cetoscarus bicolor	Bicolour parrotfish
Chaetodon auriga	Threadfin butterflyfish
Chaetodon austriacus	Blacktail butterflyfish
Chaetodon bennetti	Bluelashed butterflyfish
Chaetodon burgessi	Burgess' butterflyfish
Chaetodon citrinellus	Speckled butterflyfish
Chaetodon collare	Redtail butterflyfish
Chaetodon declivis	Marquesas butterflyfish
Chaetodon ephippium	Saddle butterflyfish
Chaetodon falcula	Blackwedged butterflyfish
Chaetodon fremblii	Bluestriped butterflyfish
Chaetodon guttatissimus	Peppered butterflyfish
Chaetodon kleinii	Sunburst butterflyfish
Chaetodon lineolatus	
Chaetodon lunula	Raccoon butterflyfish
Chaetodon madagaskariensis	Seychelles butterflyfish
Chaetodon melannotus	Blackback butterflyfish
Chaetodon mertensii	Atoll butterflyfish
Chaetodon meyeri	Scrawled butterflyfish
Chaetodon miliaris	Millet butterflyfish
Chaetodon multicinctus	Pebbled butterflyfish
Chaetodon octofasciatus	Eightband butterflyfish
Chaetodon pelewensis	Sunset butterflyfish
Chaetodon plebeius	Blueblotch butterflyfish
Chaetodon punctatofasciatus	
Chaetodon quadrimaculatus	Fourspot butterflyfish
Chaetodon rafflesii	Latticed butterflyfish
Chaetodon rainfordi	Rainford's butterflyfish
Chaetodon semilarvatus	Bluecheek butterflyfish
Chaetodon speculum	Mirror butterflyfish
Chaetodon tinkeri	Hawaiian butterflyfish
Chaetodon trifascialis	Chevron butterflyfish
Chaetodon trifasciatus	Melon butterflyfish
Chaetodon ulietensis	Pacific double-saddle butterflyfish
Chaetodon unimaculatus	Teardrop butterflyfish
Chaetodon vagabundus	Vagabond butterflyfish
Chaetodon xanthocephalus	Yellowhead butterflyfish
Chaetodon xanthurus	Pearlscale butterflyfish
Chaetodon zanzibarensis	Zanzibar butterflyfish

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Chaetodontoplus duboulayi	Scribbled angelfish
Chaetodontoplus melanosoma	Black-velvet angelfish
Chaetodontoplus mesoleucus	Vermiculated angelfish
Chaetodontoplus personifer	Blueface angelfish
Chelmon rostratus	Copperband butterflyfish
Choerodon fasciatus	Harlequin tuskfish
Chromis analis	Yellow chromis
Chromis caerulea	Green chromis
Chromis cyanea	Blue chromis
Chromis dimidiata	Chocolatedip chromis
Chromis margaritifer	Bicolor chromis
Chromis multilineata	Brown chromis
Chromis retrofasciata	Black-bar chromis
Chromis scotti	purple chromis
Chromis ternatensis	Ternate chromis
Chromis viridis	Blue green damselfish
Chrysiptera cyanea	Sapphire devil
Chrysiptera niger	Black damselfish
Chrysiptera parasema	Goldtail demoiselle
Chrysiptera starcki	Starck's demoiselle
Chrysiptera talboti	Talbot's demoiselle
Chrysiptera taupou	Southseas devil
Cirrhilabrus cyanopleura	Blue side wrasse
Cirrhilabrus exquisitus	Exquisite fairy wrasse
Cirrhilabrus filamentosus	Whip wrasse
Cirrhilabrus lubbocki	Lubbock wrasse
Cirrhilabrus punctatus	Finespotted fairy wrasse
Cirrhilabrus scottorum	Velvet wrasse
Cirrhilabrus solorensis	Redheaded fairy wrasse
Cirrhitichthys falco	Dwarf hawkfish
Cirrhitichthys oxycephalus	Coral hawkfish
Cirrhitops fasciatus	Redbarred hawkfish
Cirripectes stigmaticus	Indian Blenny
Coris aygula	Clown coris
Coris caudimacula	Spottail coris
Coris cuvieri	African coris
Coris flavovittata	Yellowstripe coris
Coris gaimard	Yellowtail coris
Coris venusta	Elegant coris
► *Cromileptes altivelis*	Humpback grouper
Cryptocentrus cinctus	Yellow-Watchman
Cryptocentrus leptocephalus	Pink-speckled shrimpgoby
Cryptocentrus pavoninoides	Blackfinned shrimp goby
Ctenochaetus hawaiiensis	Chevron tang
Ctenochaetus marginatus	Striped-fin surgeonfish
Ctenochaetus striatus	Blue eye tang
Ctenochaetus strigosus	Kole tang
Ctenochaetus tominiensis	Tominini tang
Cypho purpurascens	Oblique dottyback
Dactylopus	finger dragonet
Dascyllus albisella	Hawaiian dascyllus

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Dascyllus aruanus	Whitetail dascyllus
Dascyllus carneus	Cloudy dascyllus
Dascyllus melanurus	Blacktail humbug
Dascyllus reticulatus	Reticulate dascyllus
Dascyllus trimaculatus	Threespot dascyllus
Diagramma pictum	Painted sweetlips
Diodon holocanthus	Long-spine porcupinefish
Diodon hystrix	Spot-fin porcupinefish
Diodon liturosus	Black-blotched porcupinefish
Diproctacanthus xanthurus	Yellow tail wrasse
Dischistodus prosopotaenia	Honey-head damsel
Doryrhamphus dactyliophorus	Ringed pipefish
Doryrhamphus janssi	Janssi pipefish
Doryrhamphus multiannulatus	Many-banded pipefish
Ecsenius bicolor	Bicolor blenny
Ecsenius frontalis	Smooth-fin blenny
Ecsenius lineatus	Linear blenny
Ecsenius midas	Persian blenny
Ecsenius namiyei	Black comb-tooth
Ecsenius pulcher	
Epibulus insidiator	Slingjaw wrasse
► *Epinephelus merra*	Honeycomb grouper
Exallias brevis	Algae blenny
Forcipiger flavissimus	Longnose butterflyfish
Forcipiger longirostris	Longnose butterflyfish
Genicanthus bellus	Ornate angelfish
Genicanthus caudovittatus	Zebra angelfish
Genicanthus lamarck	Blackstriped angelfish
Genicanthus melanospilos	Spotbreast angelfish
Genicanthus semifasciatus	Blackedged angelfish
Genicanthus watanabei	
Gnathanodon speciosus	Golden trevally
Gobiodon citrinus	
Gobiodon okinawae	Yellow clown goby
Gobiosoma oceanops	Neon goby
Gomphosus caeruleus	Green birdmouth wrasse
Gomphosus varius	Bird wrasse
Gramma brasiliensis	Royal Gramma brazil
Gramma loreto	Royal Gramma atlantic
Gramma melacara	Blackcap basselt
Grammistes sexlineatus	Sixline soapfish
Halichoeres biocellatus	Red-lined wrasse
Halichoeres chloropterus	Pastel-green wrasse
Halichoeres chrysus	Canary wrasse
Halichoeres cosmetus	Adorned wrasse
Halichoeres hortulanus	Checkerboard wrasse
Halichoeres marginatus	Dusky wrasse
Halichoeres melanurus	Tail-spot wrasse

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Halichoeres ornatissimus	Ornamented wrasse
Halichoeres trimaculatus	Threespot wrasse
Hemigymnus fasciatus	Barred thicklip
Hemigymnus melapterus	Blackeye thicklip
Hemitaurichthys polylepsis	
Hemitaurichthys zoster	Brown-and-white butterflyfish
Heniochus acuminatus	Pennant coralfish
Heniochus chrysostomus	Threeband pennantfish
Heniochus monoceros	
Heniochus singularius	Singular bannerfish
Heniochus varius	Horned bannerfish
* *Hippocampus barbouri*	Barbour's seahorse
* *Hippocampus comes*	Tiger tail seahorse
*► *Hippocampus coronatus*	
* *Hippocampus histrix*	Thorny seahorse
* *Hippocampus kuda*	Spotted seahorse
*► *Hippocampus reidi*	Longsnout seahorse
*► *Hippocampus spinosissimus*	Hedgehog seahorse
* *Hippocampus trimaculatus*	Longnose seahorse
*► *Hippocampus whitei*	White's seahorse
Holacanthus bermudensis	Angelfish
Holacanthus ciliaris	Queen angelfish
Holacanthus passer	King angelfish
Hypoplectrus gemma	Blue hamlet
Hypoplectrus indigo	Indigo hamlet
Hypoplectrus guttavarius	Shy hamlet
Labracinus cyclophthalmus	Red damperia dottyback
► *Labroides bicolor*	Bicolor cleaner wrasse
► *Labroides dimidiatus*	Bluestreak cleaner wrasse
► *Labroides pectoralis*	Blackspot cleaner wrasse
► *Labroides phthirophagus*	Hawaiian cleaner wrasse
Lactoria cornuta	Longhorn cowfish
Lactoria fornasini	Thornback cowfish
Lepidozygus tapeinosoma	Fusilier damselfish
Liopropoma swalesi	Swalesi
Lutjanus kasmira	Common bluestripe snapper
Lutjanus sebae	Emperor red snapper
Macropharyngodon geoffroy	Geoffroy's wrasse
Macropharyngodon meleagris	Blackspotted wrasse
Macropharyngodon negrosensis	Yellowspotted wrasse
Macropharyngodon ornatus	False leopard
Meiacanthus atrodorsalis	Forktail blenny
Meiacanthus grammistes	Striped fang blenny
Meiacanthus oualanensis	
Meiacanthus smithi	Disco blenny
Melichthys niger	Black triggerfish
Melichthys vidua	Pinktail triggerfish
Myripristis violacea	Lattice soldierfish
Naso brevirostris	Spotted unicornfish

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Naso elegans	Elegant unicornfish
Naso lituratus	Orangespine unicornfish
Naso unicornis	Bluespine unicornfish
Naso vlamingii	Bignose unicornfish
Nemateleotris decora	Decorated dartfish
Nemateleotris magnifica	Fire goby
Neocirrhites armatus	Flame Hawkfish
Neoglyphidodon melas	Bowtie damselfish
Neoglyphidodon nigroris	Black-and-gold chromis
Neoglyphidodon oxyodon	bluevelvet damsel
Novaculichthys taeniourus	Rockmover wrasse
Odonus niger	Redtoothed triggerfish
Opistognathus rosenblatti	Jawfish
Ostichthys trachypoma	Bigeye soldierfish
► *Ostorhinchus maculiferus*	Spotted cardinalfish
Ostracion cubicus	Yellow boxfish
Ostracion cyanurus	Bluetail trunkfish
Ostracion meleagris	Whitespotted boxfish
Ostracion solorensis	Reticulate boxfish
Oxycirrhites typus	Hawkfish
Oxymonacanthus longirostris	Harlequin filefish
Paracanthurus hepatus	Palette surgeonfish
Paracheilinus carpenteri	carpenters wrasse
Paracirrhites arcatus	Arc-eye hawkfish
Paracirrhites forsteri	Blackside hawkfish
Paracirrhites hemistictus	Whitespot hawkfish
Pareques acuminatus	High-hat
Parupeneus barberinoides	Bicolor goatfish
Parupeneus cyclostomus	Goldsaddle goatfish
Parupeneus forsskali	Red Sea goatfish
Parupeneus trifasciatus	Doublebar goatfish
Pervagor janthinosoma	Blackbar filefish
Pervagor melanocephalus	Redtail filefish
Plectranthias inermic	
Platax orbicularis	Orbicular batfish
Platax pinnatus	Dusky batfish
Platax teira	Tiera batfish
Plectorhinchus albovittatus	Yellow-lined sweetlips
Plectorhinchus chaetodonoides	Harlequin sweetlips
Plectorhinchus gaterinoides	Lined sweetlips
Plectorhinchus orientalis	Oriental sweetlips
Plectorhinchus picus	Painted sweetlip
Plectroglyphidodon lacrymatus	Whitespotted devil
Pomacanthus annularis	Bluering angelfish
Pomacanthus asfur	Arabian angelfish
Pomacanthus imperator	Emperor angelfish
Pomacanthus maculosus	Yellowbar angelfish
Pomacanthus navarchus	Bluegirdled angelfish
Pomacanthus semicirculatus	Semicircle angelfish
Pomacanthus sexstriatus	Sixbar angelfish

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Pomacanthus xanthometopon	Yellowface angelfish
Pomacanthus zonipectus	
Pomacentrus alleni	Andaman damsel
Pomacentrus amboinensis	Ambon damsel
Pomacentrus auriventris	Goldbelly damsel
Pomacentrus bankanensis	Speckled damselfish
Pomacentrus caeruleus	Caerulean damsel
Pomacentrus coelestis	Neon damselfish
Pomacentrus melanochir	Indonesian damsel
Premnas biaculeatus	Spinecheek anemonefish
Pseudanthias bartlettorum	Bartlett's anthias
Pseudanthias bicolor	Bicolor anthias
Pseudanthias cooperi	Red-bar anthias
Pseudanthias dispar	Peach fairy basslet
Pseudanthias evansi	Yellowback anthias
Pseudanthias huchtii	Red-cheeked fairy basslet
Pseudanthias hypselosoma	Stocky anthias
Pseudanthias ignitus	flame basslet
Pseudanthias lori	Lori's anthias
Pseudanthias pascalus	Amethyst anthias
Pseudanthias pictilis	Painted anthias
Pseudanthias pleurotaenia	Square-spot fairy basslet
Pseudanthias squamipinnis	Sea goldie
Pseudanthias thompsoni	Hawaiian anthias
Pseudanthias tuka	Yellowstriped fairy basslet
Pseudanthias ventralis	Longfin anthias
Pseudobalistes fuscus	Yellow-spotted triggerfish
Pseudocheilinus evanidus	Scarlet wrasse
Pseudocheilinus hexataenia	Sixline wrasse
Pseudocheilinus ocellatus	Mistry wrasse
Pseudocheilinus octotaenia	Eight Line wrasse
Pseudocheilinus tetrataenia	Four-lined wrasse
Pseudochromis fuscus	Golden dottyback
Pseudochromis diadema	Diadem dottyback
Pseudochromis dilectus	Dottyback
Pseudochromis fridmani	Orchid dottyback
Pseudochromis paccagnellae	Royal dottyback
Pseudochromis porphyreus	Magenta dottyback
Pseudochromis splendens	Splendid dottyback
Pseudochromis springeri	Springer dottyback
Pseudomonacanthus elongatus	
Pseudomonacanthus macrurus	
Pseudomonacanthus peroni	
Pseudomonacanthus pusillus	
Pterapogon kauderni	Banggai cardinal
Ptereleotris evides	Blackfin dartfish
Ptereleotris microlepsis	
Ptereleotris zebra	Chinese zebra goby
Pygoplites diacanthus	Royal angelfish
Rhinecanthus aculeatus	Blackbar triggerfish
Rhinecanthus rectangulus	Wedge-tail triggerfish

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Rhinecanthus aculeatus	Humu-humu-nuku-nuku a puaa
Rhinomuraena quaesita	Ribbon moray
Salarias fasciatus	Jeweled rockskipper
Sargocentron xantherythrum	Hawaiian squirrelfish
Scolopsis bilineata	Gold Dart bream
Serranocirrhitus latus	Sunburst anthias
Serranus tigrinus	Harlequin bass
Serranus tortugarum	Chalk bass
Siganus doliatus	Barred spinefoot
Siganus magnificus	
Siganus puelloides	Blackeye rabbitfish
Siganus uspi	Bicolored foxface
Siganus virgatus	Barhead spinefoot
Siganus vulpinus	Foxface
Signigobius biocellatus	Two Spot Goby
Sphaeramia nematoptera	Pajama cardinalfish
Sphaeramia orbicularis	Polkadot cardinalfish
Stethojulis bandanensis	Red shoulder wrasse
Stonogobiops nematodes	Blackray shrimp goby
Stonogobiops xanthorhinica	Yellownose Shrimpgoby
Sufflamen bursa	Boomerang triggerfish
Sufflamen chrysopterum	Halfmoon triggerfish
Synchiropus marmoratus	Marbled dragonet
Synchiropus ocellatus	Ocellated dragonet
Synchiropus picturatus	Picturesque dragonet
Synchiropus splendidus	Mandarinfish
Tetrosomus gibbosus	Humpback turretfish
Thalassoma ballieui	Blacktail wrasse
Thalassoma duperrey	Saddle wrasse
Thalassoma hardwicke	Sixbar wrasse
Thalassoma jansenii	Jansen's wrasse
Thalassoma lunare	Moon wrasse
Thalassoma lutescens	Yellow-brown wrasse
Thalassoma quinquevittatum	Fivestripe wrasse
Valenciennea longipinnis	Long-finned goby
Valenciennea puellaris	Maiden goby
Valenciennea sexguttata	Sixspot goby
Valenciennea strigata	Blueband goby
Xanthichthys auromarginatus	Bluejaw trigger
Zanclus cornutus	Moorish idol
Zebrasoma desjardinii	
Zebrasoma flavescens	Yellow tang
Zebrasoma rostratum	Longnose surgeonfish
Zebrasoma scopas	Twotone tang
Zebrasoma veliferum	Sailfin tang
Zebrasoma xanthurum	Yellowtail tang

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KEY
* CITES species
► Species with additional measures required (refer to Schedule 3)

Marine invertebrates

Hard corals

Valid scientific name	Common name
**Acanthastrea lordhowensis*	
**Acanthastrea amakusensis*	
**Acanthastrea bowerbanki*	
**Acanthastrea echinata*	
**Acanthastrea echinata*	
**Acanthastrea hemprichii*	
**Acanthastrea hillae*	
**Acanthastrea lordhowensis*	
**Acanthastrea maxima*	
**Acanthastrea minuta*	
**Acanthastrea rotundaflora*	
**Acropora abrolhosensis*	Staghorn or Table coral
**Acropora abrotanoides*	
**Acropora acervata*	
**Acropora aculeus*	
**Acropora acuminata*	
**Acropora affinis*	
**Acropora africana*	
**Acropora akajimensis*	
**Acropora alliomorpha*	
**Acropora amblyclados*	
**Acropora angulata*	
**Acropora anthocercis*	
**Acropora anthocersis*	
**Acropora anthocervis*	
**Acropora appressa*	
**Acropora arabensis*	
**Acropora arabica*	
**Acropora arbuscula*	
**Acropora arcuata*	
**Acropora armata*	
**Acropora aspera*	
**Acropora assimilis*	
**Acropora austera*	
**Acropora awi*	
**Acropora azurea*	
**Acropora baeodactyla*	
**Acropora bandensis*	
**Acropora batunai*	
**Acropora bifurcata*	
**Acropora brachiata*	
**Acropora branchi*	
**Acropora brevicollis*	
**Acropora brooki*	

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**Acropora brueggemani*	
**Acropora brueggemanni*	
**Acropora brueggemanni uncinata*	
**Acropora bullata*	
**Acropora bushyensis*	
**Acropora bœodactyla*	
**Acropora calamaria*	
**Acropora canaliculata*	
**Acropora canalis*	Bottlebrush coral
**Acropora cancaliculata*	
**Acropora cancellata*	
**Acropora capillaris*	
**Acropora cardenae*	
**Acropora carduus*	Christmas coral
**Acropora caroliniana*	
**Acropora cerealis*	
**Acropora cervicornis*	
**Acropora ceylonica*	
**Acropora chesterfieldensis*	
**Acropora clathrata*	
**Acropora clavigera*	
**Acropora complanta*	
**Acropora concinna*	
**Acropora conferata*	
**Acropora conferta*	
**Acropora confraga*	
**Acropora conigera*	Staghorn
**Acropora convexa*	
**Acropora cophodactyla*	
**Acropora copiosa*	
**Acropora corymbosa*	
**Acropora crateriformis*	
**Acropora cribripora*	
**Acropora cucullata*	
**Acropora cuneata*	
**Acropora cuspidata*	
**Acropora cyclopea*	
**Acropora cylindrica*	
**Acropora cymbicyathus*	
**Acropora cytherea*	
**Acropora cytherella*	
**Acropora damicornis*	
**Acropora danai*	
**Acropora danæ*	
**Acropora decipiens*	
**Acropora delicatula*	
**Acropora dendrum*	
**Acropora derawaensis*	
**Acropora derawanensis*	
**Acropora desalwii*	
**Acropora diffusa*	
**Acropora digitifera*	

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**Acropora diomedeae*	
**Acropora dispar*	Bluetip coral
**Acropora dissimilis*	
**Acropora disticha*	
**Acropora divaricata*	
**Acropora diversa*	
**Acropora donei*	
**Acropora downingi*	
**Acropora dumosa*	
**Acropora echinata*	
**Acropora efflorescens*	
**Acropora effusa*	
**Acropora ehrenbergii*	
**Acropora ehrenbergii scandens*	
**Acropora elegans*	
**Acropora elegantula*	
**Acropora elizabethensis*	
**Acropora elseyi*	
**Acropora eminens*	
**Acropora erythraea*	
**Acropora erythræa*	
**Acropora eurystoma*	
**Acropora exigua*	
**Acropora exilis*	
**Acropora exquiseta*	
**Acropora exquisita*	
**Acropora fastigata*	
**Acropora fenneri*	
**Acropora filiformis*	
**Acropora florida*	
**Acropora formosa*	
**Acropora formosa brachiata*	
**Acropora formosa gracilis*	
**Acropora forskali*	
**Acropora forskalii*	
**Acropora fraterna*	
**Acropora fructicosa*	
**Acropora fruticosa*	
**Acropora gemmifera*	
**Acropora glauca*	
**Acroporaglobiceps*	
**Acropora glochiclados*	
**Acropora gomezi*	
**Acropora gonagra*	
**Acropora gracilis*	
**Acropora grandis*	
**Acropora granulosa*	
**Acropora gravida*	
**Acropora guppyi*	
**Acropora haimei*	
**Acropora halmaherae*	
**Acropora hebes*	

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**Acropora hemprichi*	
**Acropora hemprichii*	
**Acropora hispida*	
**Acropora histrix*	
**Acropora hoeksemai*	
**Acropora horrida*	
**Acropora humilis*	
**Acropora humilis alpha*	
**Acropora humilis beta*	
**Acropora humilis gamma*	
**Acropora hyacinthus*	
**Acropora hydra*	
**Acropora hystrix*	
**Acropora implicata*	
**Acropora indiana*	
**Acropora indica*	
**Acropora indonesia*	
**Acropora indurata*	
**Acropora inermis*	
**Acropora insignis*	
**Acropora intermedia*	
**Acropora irregularis*	
**Acropora jacquelinae*	
**Acropora jacquelineae*	
**Acropora japonica*	
**Acropora jeulini*	
**Acropora kenti*	
**Acropora kentii*	
**Acropora kimbeensis*	
**Acropora kirstyae*	
**Acropora kosurini*	
**Acropora labrosa*	
**Acropora laevis*	
**Acropora lamarcki*	
**Acropora latistella*	
**Acropora laxa*	
**Acropora leptocyathus*	
**Acropora lianae*	
**Acropora librata*	
**Acropora listeri*	Fused staghorn coral
**Acropora loisetteae*	
**Acropora lokani*	
**Acropora longicyathus*	
**Acropora loricata*	
**Acropora loricata distorta*	
**Acropora loripes*	
**Acropora lovelii*	
**Acropora lovelli*	
**Acropora lukteni*	
**Acropora lutkeni*	
**Acropora luzonica*	
**Acropora macrostoma*	

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**Acropora magnifica*	
**Acropora mangarevensis*	
**Acropora manni*	
**Acropora maryae*	
**Acropora massawensis*	
**Acropora meridiana*	
**Acropora microclados*	
**Acropora microphthalma*	
**Acropora microphthalmia*	
**Acropora millepora*	
**Acropora minuta*	
**Acropora mirabilis*	
**Acropora monticulosa*	
**Acropora mossambica*	
**Acropora multi-acuta*	
**Acropora multiacuta*	
**Acropora multicaulis*	
**Acropora multiformis*	
**Acropora multiramosa*	
**Acropora muricata*	
**Acropora muricata alces*	
**Acropora muricata cervicornis*	
**Acropora muricata clivosa*	
**Acropora muricata columnaris*	
**Acropora muricata cornuta*	
**Acropora muricata flabello-prolifera*	
**Acropora muricata flabellum*	
**Acropora muricata infundibulum*	
**Acropora muricata palmata*	
**Acropora muricata palmato-prolifera*	
**Acropora muricata perampla*	
**Acropora muricata prolifera*	
**Acropora muricata surculo-palmata*	
**Acropora murrayensis*	
**Acropora nana*	
**Acropora nasuta*	
**Acropora nasuta crassilabia*	
**Acropora natalensis*	
**Acropora navini*	
**Acropora neglecta*	
**Acropora nobilis*	
**Acropora nobilis secunda*	
**Acropora nobilis/robusta*	
**Acropora nobillis*	
**Acropora obscura*	
**Acropora ocellata*	
**Acropora orbicularis*	
**Acropora ormosa*	
**Acropora otteri*	
**Acropora pachycyathus*	
**Acropora pacifica*	
**Acropora pagoensis*	

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**Acropora palifera*	
**Acropora palifera forma*	
**Acropora palifera forma ß*	
**Acropora palmata*	
**Acropora palmerae*	
**Acropora paniculata*	
**Acropora papillare*	
**Acropora parahemprichii*	
**Acropora parapharaonis*	
**Acropora parilis*	
**Acropora parvistella*	
**Acropora patula*	
**Acropora paxilligera*	
**Acropora pectinata*	
**Acropora pectinatus*	
**Acropora pharaonis*	
**Acropora philippinensis*	
**Acropora pichoni*	
**Acropora pinguis*	
**Acropora plana*	
**Acropora plantagenea*	
**Acropora plantagenia*	
**Acropora plantaginea*	
**Acropora plicata*	
**Acropora plumosa*	
**Acropora pocillifera*	
**Acropora pocilloporina*	
**Acropora polymorpha*	
**Acropora polystoma*	
**Acropora ponderosa*	
**Acropora porites*	
**Acropora procumbens*	
**Acropora profusa*	
**Acropora prolifera*	
**Acropora prolixa*	
**Acropora prominens*	
**Acropora prostrata*	
**Acropora proximalis*	
**Acropora pruinosa*	
**Acropora ptostrata*	
**Acropora puertogalerae*	
**Acropora pulchra*	
**Acropora pulchra alveolata*	
**Acropora pumila*	
**Acropora pyramidalis*	
**Acropora quelchi*	
**Acropora quelchi*	
**Acropora quelchi pardoxa*	
**Acropora rambleri*	
**Acropora ramiculosa*	
**Acropora rayneri*	
**Acropora reclinata*	

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**Acropora recumbens*	
**Acropora reticulata*	
**Acropora retusa*	
**Acropora robusta*	
**Acropora rosacea*	
**Acropora rosaria*	
**Acropora rosaria diffusa*	
**Acropora roseni*	
**Acropora rotumana*	
**Acropora rudis*	
**Acropora rufus*	
**Acropora russelli*	
**Acropora samoensis*	
**Acropora sarmentosa*	
**Acropora scabra*	
**Acropora scherzeriana*	
**Acropora schimitti*	
**Acropora schmitti*	
**Acropora secale*	
**Acropora secaloides*	
**Acropora secunda*	
**Acropora securis*	
**Acropora sekiseiensis*	
**Acropora selago*	
**Acropora seriata*	
**Acropora simplex*	
**Acropora sinensis*	
**Acropora singularis*	
**Acropora smithi*	
**Acropora solanderi*	
**Acropora solitaryensis*	
**Acropora solytaryensis*	
**Acropora sordiensis*	
**Acropora sp*	
**Acropora spathulata*	
**Acropora specifera*	
**Acropora speciosa*	
**Acropora spectabilis*	
**Acropora spicifera*	
**Acropora splendida*	
**Acropora spp.*	
**Acropora squamata*	
**Acropora squamosa*	
**Acropora squarrosa*	
**Acropora stellulata*	
**Acropora stoddarti*	
**Acropora striata*	
**Acropora stricta*	
**Acropora studeri*	
**Acropora subglabra*	
**Acropora subglabra rugosa*	
**Acropora subtilis*	

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**Acropora subulata*	
**Acropora suharsonoi*	
**Acropora sukarnoi*	
**Acropora surculosa*	
**Acropora symmetrica*	
**Acropora syringodes*	
**Acropora tanegashemensis*	
**Acropora tanegashimensis*	
**Acropora tenella*	
**Acropora tenuis*	
**Acropora teres*	
**Acropora teres distans*	
**Acropora thurstoni*	
**Acropora tizardi*	
**Acropora togianensis*	
**Acropora torihalimeda*	
**Acropora torresiana*	
**Acropora tortuosa*	
**Acropora tubicinaria*	
**Acropora tubigera*	
**Acropora tubulosa*	
**Acropora tumida*	
**Acropora turaki*	
**Acropora turbinata*	
**Acropora turgida*	
**Acropora tutuilensis*	
**Acropora urceolifera*	
**Acropora valenciennesi*	
**Acropora valida*	
**Acropora vanderhorsti*	
**Acropora varia*	
**Acropora variabilis*	
**Acropora variabilis pachyclados*	
**Acropora variolosa*	
**Acropora vasiformis*	
**Acropora vaughani*	
**Acropora vermiculada*	
**Acropora vermiculata*	
**Acropora verweyi*	
**Acropora virgata*	
**Acropora virilis*	
**Acroporawalindii*	
**Acropora wallacea*	
**Acropora wallaceae*	
**Acropora wardii*	
**Acropora willisae*	
**Acropora yongei*	
**Alveopora allingi*	Daisy or Flowerpot coral
**Alveopora catalai*	
**Alveopora daedalea*	
**Alveopora excelsa*	
**Alveopora fenestrata*	

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**Alveopora gigas*	
**Alveopora japonica*	
**Alveopora marionensis*	
**Alveopora minuta*	
**Alveopora ocellata*	
**Alveopora spongiosa*	
**Alveopora tizardi*	
**Alveopora verilliana*	
**Alveopora viridis*	
Blastomussa loyae	
**Blastomussa merleti*	
**Blastomussa wellsi*	
**Catalaphyllia jardinei*	Elegant coral
**Caulastrea connata*	Torch or Trumpet coral
**Caulastrea curvata*	
**Caulastrea echinulata*	
**Caulastrea furcata*	Candycane coral
**Caulastrea tumida*	
**Cynarina lacrymalis*	Pacific rose coral / Cats eye coral
**Cynarina sp*	Modern coral
**Dendrophyllia fistula*	
**Diploastrea heliopora*	
**Echinopora ashmorensis*	
**Echinopora ehrenbergi*	
**Echinopora forskaliana*	
**Echinopora fruticulosa*	
**Echinopora gemmacea*	
**Echinopora hirsutissima*	
**Echinopora horrida*	
**Echinopora irregularis*	
**Echinopora lamellosa*	
**Echinopora mammiformis*	
**Echinopora pacificus*	
**Echinopora robusta*	
**Echinopora tiranensis*	
**Euphyllia ancora*	Anchor / Hammer coral
**Euphyllia cristata*	White grape coral
**Euphyllia divisa*	Frogsoawn coral
**Euphyllia glabrescsns*	
**Euphyllia paraancora*	Branching anchor coral
**Euphyllia paradivisa*	
**Euphyllia paraglabrescens*	
**Euphyllia yaeyamaensis*	
**Favia albidus*	Moon coral
**Favia danae*	
**Favia favus*	
**Favia fragum*	Golfball coral

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**Favia gravida*	
**Favia helianthoidesv*	
**Favia lacuna*	
**Favia laxa*	
**Favia leptophylla*	
**Favia lizardensis*	
**Favia maritima*	
**Favia marshae*	
**Favia matthaii*	
**Favia maxima*	
**Favia pallida*	
**Favia rosaira*	
**Favia rotumana*	
**Favia rotundata*	
**Favia speciosa*	
**Favia stelligera*	
**Favia truncatus*	
**Favia veroni*	
**Favia vietmanessis*	
**Favites abdita*	Pineapple coral
**Favites acuticollis*	
**Favites bestae*	
**Favites chinensis*	
**Favites complanata*	
**Favites flexuosa*	
**Favites halicora*	
**Favites melicerum*	
**Favites micropentagona*	
**Favites paraflexuosa*	
**Favites pentagona*	
**Favites peresi*	
**Favites ruselli*	
**Favites spinosa*	
**Favites stylifera*	
**Favites vasta*	
**Fungia concinna*	Mushroom coral
**Fungia corona*	
**Fungia danai*	
**Fungia fralinae*	
**Fungia fungites*	
**Fungia granulosa*	
**Fungia horrida*	
**Fungia klunzingeri*	
**Fungia moluccensis*	
**Fungia paumotensis*	
**Fungia puishani*	
**Fungia rependa*	
**Fungia scabra*	
**Fungia scruposa*	
**Fungia scutaria*	
**Fungia seychellensis*	
**Fungia spinifer*	

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**Fungia taiwanensis*	
**Galaxea acrhelia*	Crystal/Galaxy/Starburst or Tooth coral
**Galaxea astreata*	
**Galaxea cryptoramosa*	
**Galaxea fascicularis*	
**Galaxea horrescens*	Scalpel coral
**Galaxea longisepta*	
**Goniastrea aspera*	
**Goniastrea australensis*	
**Goniastrea columella*	
**Goniastrea deformis*	
**Goniastrea edwardsi*	
**Goniastrea favulus*	
**Goniastrea minuta*	Worm coral
**Goniastrea palauensis*	
**Goniastrea pectinata*	
**Goniastrea peresi*	
**Goniastrea ramosa*	
**Goniastrea retiformis*	
**Goniastrea sp*	
**Goniastrea thecata*	
**Goniopora albiconus*	Daisy or Floerpot coral
**Goniopora burgosi*	
**Goniopora cellulosa*	
**Goniopora ciliatus*	
**Goniopora columna*	
**Goniopora djiboutiensis*	
**Goniopora eclipsensi*	
**Goniopora fructicosa*	
**Goniopora lobata*	
**Goniopora minor*	
**Goniopora norfolkensis*	
**Goniopora palmensis*	
**Goniopora pandoraensis*	
**Goniopora pearsoni*	
**Goniopora pendulus*	
**Goniopora planulata*	
**Goniopora polyformis*	
**Goniopora savignyi*	
**Goniopora somaliensis*	
**Goniopora stokesi*	
**Goniopora stutchburyi*	
**Goniopora sultani*	
**Goniopora tenella*	
**Goniopora tenuidens*	
**Heliofungia actiniformis*	
**Heliopora coerulea*	
**Herpolitha limax*	
**Hydnophora rigida*	Horn coral
**Hydnophora sp*	

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**Leptastrea inaequalis*	
**Leptastrea pruinosa*	
**Leptastrea purpurea*	
**Leptastrea transversa*	
**Leptoria irregularis*	Brain or Maze coral
**Leptoria phrygia*	
**Leptoseris foliosa*	
**Lobophyllia corymbosa*	Tooth coral
**Lobophyllia dentatus*	
**Lobophyllia diminuita*	
**Lobophyllia flabelliformis*	
**Lobophyllia hataii*	
**Lobophyllia hemprichii*	
**Lobophyllia pachysepta*	
**Lobophyllia robusta*	
**Lobophyllia serratus*	
**Merulina ampliata*	Ruffled coral / Cabbage coral
**Merulina scabricula*	
**Merulina scheeri*	
**Millepora dichotoma*	
**Millepora platyphylla*	
**Montipora aequituberculata*	Velvet or Velvet branch coral
**Montipora altasepta*	
**Montipora angulata*	
**Montipora aspergillus*	
**Montipora australiensis*	
**Montipora cactus*	
**Montipora calcarea*	
**Montipora caliculata*	
**Montipora capitata*	
**Montipora capricornis*	
**Montipora cebuensis*	
**Montipora circumvallata*	
**Montipora cocosensis*	
**Montipora confusa*	
**Montipora corbettensis*	
**Montipora crassituberculata*	
**Montipora cryprus*	
**Montipora danae*	
**Montipora delicatula*	
**Montipora digitata*	
**Montipora dilatata*	
**Montipora echinata*	
**Montipora efflorescens*	
**Montipora effusa*	
**Montipora flabellata*	
**Montipora florida*	
**Montipora floweri*	
**Montipora foliosa*	
**Montipora foveolata*	

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**Montipora friabilis*	
**Montipora gaimardi*	
**Montipora grisea*	
**Montipora hemispherica*	
**Montipora hirsuta*	
**Montipora hispida*	
**Montipora hodgsoni*	
**Montipora hoffmeisteri*	
**Montipora incrassata*	
**Montipora informis*	
**Montipora kellyi*	
**Montipora lobulata*	
**Montipora mactanensis*	
**Montipora malampaya*	
**Montipora meandrina*	
**Montipora millepora*	
**Montipora mollis*	
**Montipora monasteriata*	
**Montipora niugini*	
**Montipora nodosa*	
**Montipora orientalis*	
**Montipora pachytuberculata*	
**Montipora palawanensis*	
**Montipora patulav peltiformis*	
**Montipora porites*	
**Montipora pulcherrima*	
**Montipora samarensis*	
**Montipora saudii*	
**Montipora setosa*	
**Montipora spongiosa*	
**Montipora spongodes*	
**Montipora spumosa*	
**Montipora stellata*	
**Montipora stilosa*	
**Montipora taiwanensis*	
**Montipora tuberculosa*	
**Montipora turgescens*	
**Montipora turtlensis*	
**Montipora undata*	
**Montipora venosa*	
**Montipora verrilli*	
**Montipora verrucosa*	
**Montipora verruculosus*	
**Montipora vietnamensis*	
**Montipora sp*	
Mycedium elephantosus	
Mycedium mancaoi	
Mycedium robokaki	
Mycedium steeni	
Mycedium umbra	
Nemenzophyllia turbida	

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**Oxypora convulata*	Chalice coral
**Oxypora crassispinosa*	
**Oxypora egyptensis*	
**Oxypora glabra*	
**Oxypora lacera*	
**Pachyseris foliosa*	Corduroy / Elephant skin coral
**Pachyseris gemmae*	
**Pachyseris involuta*	
**Pachyseris rugosa*	Castle coral or rugosa coral
**Pachyseris speciosa*	Phonograph coral
**Pachyseris sp*	Elephant skin coral
**Pavona bipartita*	
**Pavona cactus*	Leaf coral / Potato chip coral
**Pavona clavus*	
**Pavona danai*	
**Pavona decussata*	
**Pavona diffluens*	
**Pavona duerdeni*	
**Pavona explanulata*	
**Pavona frondifera*	
**Pavona gigantea*	
**Pavona maldivensis*	
**Pavona minuta*	
**Pavona varians*	
**Pavona venosa*	
**Pavona xarifae*	
**Pectinia africanus*	Carnation/ Hibiscus/Lettuce coral
**Pectinia alcicornis*	Antler lettuce coral
**Pectinia ayleni*	
**Pectinia elongata*	
**Pectinia lactuca*	Frilly lettuce coral
**Pectinia maxima*	
**Pectinia paeonia*	Palm lettuce coral
**Pectinia pygmaeus*	
**Pectinia teres*	
**Pectina sp*	Lettuce coral
**Physogyra lichtensteini*	Pearl or small bubble coral
**Platygyra acuta*	Brain or Maze coral
**Platygyra carnosus*	
**Platygyra contorta*	
**Platygyra crosslandi*	
**Platygyra daedalea*	
**Platygyra lamellina*	
**Platygyra pini*	
**Platygyra ryukyuensis*	
**Platygyra sinensis*	
**Platygyra verweyi*	
**Platygyra yaeyamaensis*	
**Platygyra sp*	
**Plerogyra discus*	Bubble coral

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**Plerogyra eurysepta*	
**Plerogyra exerta*	
**Plerogyra simplex*	
**Plerogyra sinuosa*	Bladder coral
**Pocillopora ankeli*	
**Pocillopora capitata*	
**Pocillopora damicornis*	Cauliflower coral
**Pocillopora danae*	
**Pocillopora effusus*	
**Pocillopora elegans*	
**Pocillopora eydouxi*	Antler coral
**Pocillopora fungiformis*	
**Pocillopora indiana*	
**Pocillopora inflata*	
**Pocillopora kelleheri*	
**Pocillopora ligulata*	
**Pocillopora meandrina*	
**Pocillopora molokensis*	
**Pocillopora verrucosa*	
**Pocillopora woodjonesi*	
**Pocillopora zelli*	
**Polyphyllia talpina*	Sea mole or Slipper coral
**Porites annae*	Boulder or Pore coral
**Porites aranetai*	
**Porites arnaudi*	
**Porites astreoides*	Mustard hill coral
**Porites attenuata*	
**Porites australiensis*	
**Porites branner*	Blue crust coral
**Porites brighami*	
**Porites cocosensis*	
**Porites columnaris*	
**Porites colunensis*	Honeycomb plate coral
**Porites compressa*	
**Porites cumulatus*	
**Porites cylindrica*	Finger coral
**Porites deformis*	
**Porites densa*	
**Porites desilveri*	
**Porites divaricata*	
**Porites duerdeni*	
**Porites echinulata*	
**Porites eridani*	
**Porites evermanni*	
**Porites flavus*	
**Porites furcata*	
**Porites harisoni*	
**Porites heronensis*	
**Porites horizontalata*	
**Porites latistella*	
**Porites lichen*	
**Porites lobata*	

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**Porites lutea*	
**Porites mayeri*	
**Porites monticulosa*	
**Porites murrayensis*	
**Porites myrmidonensis*	
**Porites napopora*	
**Porites negrosensis*	
**Porites nigriscens*	
**Porites nodifera*	
**Porites okinawensis*	
**Porites ornata*	
**Porites panamensis*	
**Porites porites*	Finger coral
**Porites profundus*	
**Porites pukoensis*	
**Porites rugosa*	
**Porites rus*	
**Porites sillimaniana*	
**Porites solida*	
**Porites somaliensis*	
**Porites stephensoni*	
**Porites sverdrupi*	
**Porites tuberculosa*	
**Porites vaughani*	
Rumpella spp	
**Scolymia australis*	
**Scolymia cubensis*	
**Scolymia lacera*	
**Scolymia sp.*	
**Scolymia vitiensis*	
**Scolymia wellsi*	
**Seriatopora acleata*	Birdnest or Brush coral
**Seriatopora caliendrum*	
**Seriatopora dentritica*	
**Seriatopora guttatus*	
**Seriatopora hysterix*	Needle coralor birdsnest coral
**Seriatopora stellata*	
**Stylophora danae*	Bush or Club finger coral
**Stylophora kuehlmanni*	
**Stylophora madagascarensis*	
**Stylophora mamillata*	
**Stylophora mordax*	
**Stylophora pistillata*	Cluster coral
**Stylophora subseriata*	
**Stylophora wellsi*	
**Symphyllia agaricia*	Brain coral
**Symphyllia erythraea*	
**Symphyllia hassi*	
**Symphyllia radians*	
**Symphyllia recta*	

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**Symphyllia valenciennesi*	
**Symphyllia wilsoni*	
**Trachyphyllia geoffroyi*	Crater / Folded / Puffed coral
** Tubipora muscia*	Organ pipe
** Tubastrea aurea*	Turret or Sun coral
**Tubastrea faulkneri*	
**Tubastrea micrantha*	
**Tubastrea sp*	
**Turbinaria bifrons*	Cup or Scroll or Turban or Vase coral
**Turbinaria conspicua*	
**Turbinaria crater*	
**Turbinaria frondens*	
**Turbinaria heronensis*	
**Turbinaria irregularis*	
**Turbinaria mesenterina*	Pagoda coral
**Turbinaria patula*	
**Turbinaria peltata*	Bowl coral
**Turbinaria radicalis*	
**Turbinaria reniformis*	Yellow scroll coral
**Turbinaria stellulata*	
Soft Corals	
Alcyonium palmatum	
Alcyonium sp.	
Amplexidiscus fenestrafer	Giant Cup mushroom coral
Anthelia sp.	
Capnella imbricata	
Clavularia viridis	
Gorgonia sp.	
Litophyton arboretum	
Lobophytum pauciflorum	
Metarhodactis sp.	
Lemnalia sp.	
Pachyclavularia violacea	
Paralemnalia sp,	
Rhodactis *bryoides*	
Rhodactis carlgreni	
Rhodactis danae	
Rhodactis danæ	
Rhodactis howesii	
Rhodactis howsii	
Rhodactis inchoata	
Rhodactis indosinensis	
Rhodactis inochata	

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Rhodactis musciformis	
Rhodactis mussoides	
Rhodactis neglecta	
Rhodactis rhodostoma	
Rhodactis sancti thomae	
Rhodactis sancti-thomae	
Rhodactis sancti-thomæ	
Rhodactis sanctithomae	
Rhodactis sp.	
Rhodactis spec.	
Ricordea florida	
Ricordea fungiforme	
Ricordea neglecta	
Ricordea rupicola	
Ricordia sp.	Mushroom coral
Ricordea yuma	
Sarcophyton ehrenbergi	
Sarcophyton elegans	
Sarcophyton glaucum	
Sarcophyton tenuispiculatum	
Sinularia asterolobata	
Sinularia brassica	
Sinularia dura	
Sinularia flexibilis	
Sinularia mollis	
Sinularia notanda	
Sinularia polydactyla	
Solenopodium sp.	
Sphaerella krempfi	
Xenia elongata	
Xenia umbellata	
Anenomes	
Actinia sp.	Red back anemone
Actinodendron plumosum	
Actinodiscus sp.	Pimples mushroom
Anemonia discosoma	
Anemonia sp.	
Bartholomea annulata	
Bartholomea sp.	
Briareum stechei	Green star polyp
Cerianthus membranaceus	Tube anemone
Discosoma ambonensis	
Discosoma anemone	
Discosoma dianthus	
Discosoma fuegiensis	
Discosoma fungiforme	

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Discosoma gigantea	
Discosoma giganteum	
Discosoma haddoni	
Discosoma helianthus	
Discosoma kenti	
Discosoma malu	
Discosoma neglecta	
Discosoma nummiforme	
Discosoma sp.	
Discosoma tapetum	
Discosoma tuberculata	
Epizoanthus sp.	Soft polyps
Heteractis aurora	Red-base Sand Anemone
Heteractis magnifica	Anemone
Metarhodactis sp	
Palythoa sp.	
Parazoanthus sp.	
Phymanthus sp	Long Tentacle Anemone
Physobrachia sp.	Corn anemone
Protopalythoa sp.	
Radianthus malu	Long Tentacle Purple Anemone
Radianthus ritteri	Common Anemone
Radianthus sp	Clown Anemone
Rhodactinia sp.	Mushroom on rock
Stoichactis gigas	Blue Carpet Anemone
Stoichactis helianthus	Color Carpet Anemone
Stoichactis kenti	Brown Carpet Anemone
Stoichactis sp.	Bubble/Striped Carpet Anemone
Zoanthiniaria sp.	Soft polyps
Zoanthus sp.	
Clams	
**Hippopus hippopus*	
**Tridacna crocea*	
**Tridacna derasa*	
**Tridacna gigas*	
**Tridacna maxima*	
**Tridacna squamosa*	
Invertebrates	
Astraea tecta	
Cypraea histrio	Cowry
Cypraea tigris	Cowry
Dardanus gemmatus	Hermit crab

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Diadema setosum	
► *Enoplometopus occidentalis*	Hawaiin red lobster/hairy reef lobster
Linckia laevigata	Blue starfish
Loimia medusa	Feather star red worm
► *Lysmata amboinensis*	Skunk cleaner shrimp
► *Lysmata debelius*	Fire shrimp
► *Lysmata grabhami*	Red backed/scarlet cleaner shrimp
► *Lysmata wurdemanni*	Peppermint shrimp
Ophiolepis superba	Brittle star
Ophiomastix sp	Tiger brittle star
► *Periclimenes brevicarpalis*	Anemone shrimp
► *Rhynchocinetes uritai*	Camel/peppermint shrimp
Sabellastrarta indica	Tube worm
► *Saron marmoratus*	Common marble shrimp
Spirobranchus giganteus	Christmas tree worm
► *Stenopus cyanoscelis*	
► *Stenopus hispidus*	Banded coral shrimp

KEY
* CITES species
► Species with additional measures required (refer to Schedule 3)

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