



Republic of the Philippines
Department of Agriculture
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**FISHERIES ADMINISTRATIVE
ORDER NO. 233-1
Series of 2011**

SUBJECT: Amending Fisheries Administrative Order No. 233, s. 2010

Pursuant to Section 21 of Republic Act No. 9147 authorizing the Secretary of the Department of Agriculture to impose reasonable fees and charges, including an export fee to be determined in consultation with stakeholders, Section 1, Section 33, Section 35.1E and F, and Annex A of Fisheries Administrative Order No. 233, s. 2010, are hereby amended as follows:

Section 1. Definition of terms and phrases. Section 1 of FAO No. 233 is hereby amended to include the following terms and phrases and to clarify terms previously defined therein:

- a. DA-BAS – means the Department of Agriculture-Bureau of Agricultural Statistics;
- b. Captured aquatic wildlife – pertains to aquatic wildlife regardless of stage in its life cycle, that is not domesticated, captive-bred, cultured or propagated;
- c. Captive-bred/cultured/propagated aquatic wildlife – aquatic wildlife produced through “captive-breeding/culture or propagation,” which is the process of producing individuals under controlled conditions or with human intervention as defined in Section 5c of RA No. 9147. It supplants the term “cultivated aquatic wildlife” defined in Section 1n of FAO No. 233, which is hereby deleted;
- d. Domesticated aquatic species – species in which there is a closed cycle for production at all stages of its life-cycle;
- e. Export Commodity Clearance (ECC) – term to be used in lieu of export permit issued for the export of aquatic wildlife and classified into:
 1. Special ECC – clearance issued for a nominal rate for the export of aquatic wildlife intended for: sample, personal consumption, exhibit/trade fair, educational purposes; or scientific research pursuant to Section 15 of RA No. 9147, Provided, the volume thereof does not exceed ten (10) kilograms or the quantity thereof does not exceed twenty (20) pieces
 2. Regular ECC – clearance issued for the commercial export of aquatic wildlife;
- f. Sanitary and Phytosanitary Clearance – term used in lieu of import permit

Section 2. Schedule of Fees. Section 35.1E and F of FAO No. 233 is hereby amended as follows:

E. Exportation

1. The export fee for the export of aquatic wildlife shall be the product of the total net weight of raw material/commodity in kilogram (**W**) multiplied by the prescribed rate in percent (**R**), multiplied by the price of the raw material/commodity in Philippine currency (**P**), which is the nationwide average wholesale price of the species or commodity of the previous year based either from DA-BAS

data or market monitoring reports of the Bureau of Fisheries and Aquatic Resources, on a per shipment basis, or in the form of an equation:

$$\text{Export Fee} = W (\text{Kg}) \times R (\%) \times P (\text{Php}), \text{ per shipment, where,}$$

W = total net weight of the raw material or commodity for export in kilogram,

R = rate of applicable export fee in percent,

P = average wholesale price in Philippine currency of the species or commodity of the previous year based from DA-BAS data or market monitoring reports of DA-BFAR

2. The rates of export fee are as follows:

<u>Raw Material/Commodity</u>	<u>Export Fee Rate</u>
1. Regular Export Commodity Clearance	
a. <u>Captured aquatic wildlife</u>	
i. Caught/gathered in Philippine waters	0.20 % or Php 1,650.00 whichever is higher
ii. Caught outside Philippine waters	0 %
iii. Imported	0 %
b. <u>Captive-bred aquatic wildlife</u>	
i. Domesticated species and their progenies	Exempted
ii. Imported broodstock and their progenies, whether exotic or endemic species	Exempted
iii. Founder stocks sourced from hatchery/nursery and their progenies	Exempted
iv. Stocks grown from imported seed stocks (e.g., eggs, fry, post-larvae, juvenile, etc.)	Exempted
v. Founder stocks sourced from the wild and their progenies produced in captivity	0.15 %
vi. Seed stocks (e.g., eggs, fry, post-larvae, juvenile, etc.) sourced from the wild and grown for commercial purposes	0.20 %
vii. Progenies of threatened aquatic wildlife produced by Aquatic Wildlife Farms	2.0 %
2. Special Export Commodity Clearance	
a. CITES species -----	P 250.00 per clearance
b. Non-CITES species -----	P 50.00 per clearance

F. Importation

- | | |
|--|------------|
| 1. Sanitary and Phytosanitary (SPS) Clearance for CITES Species | P 2,500.00 |
| 2. Sanitary and Phytosanitary (SPS) Clearance for Economically Important Species | |
| a. Non-refundable Application Fee | P 150.00 |
| b. SPS Fee | |
| b.1. Live | |
| b.1.1. Low-Risk (Sec. 3a, FAO 221) | P 50.00 |
| b.1.2. Medium-Risk (Sec.3b, FAO 221) | P 250.00 |
| b.1.3. High-Risk (Sec. 3c, FAO 221) | P 500.00 |
| b.2. Non-Live (FAO 195) | P 1,500.00 |

H. Re-Exportation

- | | |
|-----------------|----------|
| CITES Re-Export | P 100.00 |
|-----------------|----------|

Section 3. Requirements for exportation. Clearance for exportation shall be issued upon compliance with the following requirements, in addition to payment of fees:

I. Regular Export Commodity Clearance (Export Permit)

1. Captured aquatic wildlife
 - a. Pro-Forma Invoice
 - b. Export Declaration
 - c. Health/Quarantine Certificate
 - d. Catch Certificate, for export to EU-member countries
 - e. Tagged SPS Clearance for captured aquatic wildlife caught outside Philippine waters or imported
 - f. Certification from Fish Inspectors that the exporter has a functional traceability mechanism and the particular shipment can be traced to a specific lot/batch of imported raw materials or those caught outside Philippine waters
2. Captive-bred / Cultured / Propagated wildlife
 - a. Pro-forma Invoice
 - b. Export Declaration
 - c. LGU Certificate of Registration (Section 57, RA 8550)
 - d. Certification from BFAR Regional Office having jurisdiction that the batch from which the exportable shipment is taken, came from farms whose yearly report submitted pursuant to FAO 218 has been verified
 - e. Health/Quarantine, and other food safety requirements or SPS measure imposed by the country of destination
 - f. Tagged SPS Clearance for farms with imported founder/seed stock

II. Special Export Commodity Clearance

1. Sample / Personal consumption

- a. Duly filled-up application form
- b. Export Declaration

2. Exhibit / Trade Fairs

- a. Duly filled-up application form
- b. Approved registration forms or Certification from the institution/organizer that aquatic wildlife to be exported shall be used exclusively for the exhibit/trade fair

3. Educational Purpose

- a. Duly filled-up application form
- b. Letter of intent by the applicant with a photocopy of any valid ID, with photograph and specimen signature
- c. Copy of the invitation from international organizer
- d. Inventory of specimens to be used
- e. Affidavit of Undertaking that the applicant shall submit the specimens for inspection by the Fisheries Quarantine Officer upon arrival from the foreign country
- f. Copy of plane ticket and itinerary

4. Approved Scientific Research

- a. Duly filled-up application form
- b. Endorsement letter from the DA-BFAR/FRQD Chief

Section 4. Requirements for Importation. Section 33 of FAO 233 is hereby amended to include an additional requirement for the importation of live aquatic wildlife:

Live aquatic wildlife

SPS Clearance (DAO No. 8 series of 2009, as amended by DAO No. 9 series of 2010 and applicable provisions of FAO 195 and FAO 221).

Section 5. Requirements for issuance of Re-Export Permit

1. CITES Re-Export Permit (Section 34, FAO 233)

2. For Re-Export of marine mammals

- a. Copy of Special Permit to Import
- b. Health/Veterinary Certificate
- c. Certification from the exporter that the marine mammal to be re-exported is the same animal that was imported as duly verified by the BFAR regional office

Section 6. Transitory provision. An interim fee of Php 1,650.00 shall be charged as export fee of captured or captive-bred aquatic wildlife with no established national average wholesale price from DA-BAS or DA-BFAR market monitoring reports.

Section 7. Repealing Clause. The provisions of FAO 195, FAO 210 and FAO 221 with respect to the fees and requirements for exportation and importation are hereby modified accordingly.

Section 8. Effectivity. This Order shall take effect fifteen (15) days from date of publication in a newspaper of general circulation and upon registration with the Office of the National Administrative Registrar (ONAR).

Issued this 23rd day of August, 2011, in Quezon City, Metro Manila, Philippines.

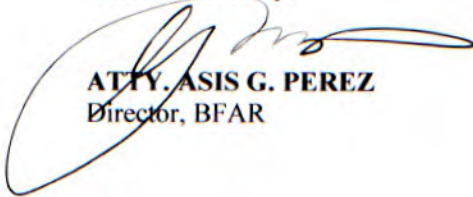


PROCESO J. ALCALA
Secretary

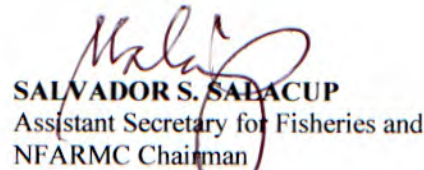
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SALVADOR S. SALACUP
Assistant Secretary for Fisheries and
NFARMC Chairman

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ANNEX A
PRELIMINARY LIST OF ECONOMICALLY IMPORTANT AQUATIC ORGANISMS

I. CAPTURED AQUATIC WILDLIFE

TAXON	COMMON NAMES	LOCAL NAMES	USES
AQUATIC FAUNA			
INVERTEBRATES			
ECHINODERMATA SPP.			
Asterioidea spp.	Starfish; seastar		Aquarium ornament; industrial; export
Echinoidea spp.	Sea urchins	tuyom	Food; export
Holothuroidea spp.	Sea cucumbers	Balat; balatan	Food; pharmaceutical; export
PORIFERANS			
Porifera spp.	sponges		Industrial; pharmaceutical; export
CRUSTACEA SPP.			
Coenobitidae spp.	Hermit crabs, Red frog crab	Curacha, Bacoco	Aquarium ornament; pets; export
Palinuridae spp.	Spiny lobsters	Banagan	Food; export
Penaeidea spp.	Shrimps; prawns	Hipon; sugpo	Food; export; cosmetics
Portunidae spp.	crabs	Alimasag; kasag; alimango	Food; export
Scyllaridae spp.	Slipper lobster	Pitik-pitik	Food; export
Stomatopoda spp.	Mantis shrimp	Pitik-pitik	Food; export
Synaxidae spp.	Furry lobster		Food; export
<i>Varuna literata</i>	Shore crab	talangka	Food; roe for export
ANNELIDA SPP.; PLATYHELMINTHES SPP.; NEMERTEA SPP.; ASCHELMINTHES SPP.; SIPUNCULARIA SPP; ECHIURA SPP.	Marine worms	bulate	Food for other organisms; pharmaceutical
CNIDARIA SPP.			
Actinaria spp.	Sea anemones		Food; aquarium ornament; export
Scyphozoa spp.	Jellyfish	dikya	Food; pharmaceutical; export
CEPHALOPODA			
Nautilidae spp.	Nautilus	Layagan; lilig; lagang	Shellcraft; ornamental
Loliginidae spp.	Neritic squids	pusit	Food; export
Ommastrephidae spp.	Oceanic squids	pusit	Food; export
Sepiidae spp.	Cuttlefish	canoos	Food; export
Octopodidae spp.	Octopus	pugita	Food; export

Scaphopoda spp.	Tusk shells		Shellcraft; ornamental
GASTROPODA SPP.	Snails and snail-like species	susô	Food; shellcraft; ornamental; specimen shell; pharmaceutical; export
BIVALVIA/PELECYPODA SPP.	clams; two-shelled molluscs	Halaan; batotoy; talaba; tahong; abaniko; sihi; etc.	Food; shellcraft; ornamental; export
<i>Placuna placenta</i>	windowpane shell	kapis	Windowpane, lampshade, lantern, chandelier manufacturing and other shellcraft products; wood inlay ; export
<i>Pinctada spp. (margaritifera and maxima)</i>	pearl oysters	Tipay, katipay	Pearl culture; shellcraft; export
VERTEBRATES			
PELAGIC FISHES			
<i>Thunnus spp.</i>	Yellowfin tuna	tambakol; barilis; panit; bankulis; tulingan; karaw	Food; export
<i>Katsuwonus spp.</i>	Skipjack tuna	Tangi; agtun; gulyasan; tulingan; barilis; gulyaman	Food; export
<i>Auxis spp.</i>	Bullet tuna; frigate tuna	Tangi; tulingan; pirit; pidlayan; buboran	Food; export
<i>Euthynnus spp.</i>		Kawa-kawa; tulingan puti; tangi; burawon; barilis; anturayan; hasa-hasa; timbongan; pagadparon	Food; export
Other tuna and tuna-like species			Food; export
<i>Scomberomorus commerson</i>	Spanish mackerel	Tangigue; tangigi; taniguing bata;	Food; export
Coryphaenidae spp.	Dolphin fishes	Dorado; pandawan; pantranco; arayo; morado; lali; rumpi; tamarang	Food; export
<i>Scomberoides spp.</i>	Leatherjackets	Lapis; saleng-saleng; dorado; talang-talang;	Food; export

		lamarang; sipat-sipat	
Istiophoridae spp.	Sailfish	Mantarompa; susay; malasugi; manumbok; kandayan; liplipan	Food; export
<i>Makaira spp.</i>	Indo-Pacific blue marlin	Dol-lakak; marlin; malasugi; dugho; wahoo; tandalayang	Food; export
<i>Decapterus spp.</i>	Roundscads; redtail scad; mackerel scad; shortfin scad; Japanese scad; Indian scad; roughear scad	Galunggong; mataan; budboron; tabilos; balo; istah putih; marok; alumahan; tulay; Burma; sigarilyo; molmol	Food; export
<i>Rastrelliger spp.</i>	Mackerels: short, Indian, island	Kabalyas; hasa-hasa; buraw; bulao; karabalyas; salimburaw; anduhaw; panis	Food; export
<i>Sardinella spp.</i>	sardines	Tamban; lapad; salinyasi; tabagak; bahura; tamban lusay; lao-lao; kasig; tapisok	Food; export
<i>Stolephorus spp.</i>	Anchovies	Dilis; tige; tuakang; bolinao; lapatang	Food; export
<i>Caesio spp.; Pterocaesio spp.</i>	Fusilier	Dalagang-bukid; bilason; sulig; balaki; sirel; lasaw	Food; export
DEMERSAL FISHES			
Nemipteridae spp.	Breams: threadfin and monocle	Bisugo; buruda; lagaw; tagisi; lawihan; sagisi- on; silay; kulisi	Food; export
Mullidae spp.	Goatfish	Saramulyete; manitis; ubakan; salmonete; timbugan; banak; bulaw	Food; export
Synodontidae spp.	Lizardfish	Kalaso; lalabuyo; male; karabo; lusod; talad	Food; export
Leiognathidae spp.	Slipmouth	Sapsap; lawayan; dalupan; tambong; palotpot; tabilos	Food; export
Serranidae spp.	Groupers	Lapu-lapu; kurapo; kigting; bokbok; bulong; senorita; pogapo; mero- mero	Food; export
Lethrinidae spp.	Emperors: large-eye breams and pigface breams	Mataan; bitilya; dolso; babaan; petilya; dugso; kilawan; katambak; porgy	Food; export

Lutjanidae spp.	Snappers and jobfishes	Maya-maya; matagono; lugho; madarag; kanlay; gingaw; tagisian	Food; export
OTHER MAJOR FOOD FISH FAMILIES			
Acanthuridae spp.	Surgeonfish	labahita	Food; export
<i>Anguilla (japonica, australis, bengalensis & marmorata)</i>	Japanese, Australian short finned, Indian mottled & Giant mottled eel	lgat	Food; export
Belonidae spp.	Needlefish	Kambabalo; diwal	Food; export
Caesionidae spp.	Fusilier	Dalagang-bukid	Food; export
Carangidae spp.	Treadfish; scads; trevally; pomfret	Talakitok; salay-salay; galunggong; salmon; bonito; matangbaka	Food; export
<i>Cestraeus plicatilis</i>	Banak, Ludong	Lobed river mullet	Food, local delicacy
Clupeidae spp.	sardinella	Kabasi; tamban; tunsoy	Food; export
Dasyatidae spp.	Blue-spotted stingray	pagi	Food; export
Ephippidae spp.	Batfish	bayong	Food; export
Engraulidae spp.	Anchovies	Bumra; dilis	Food; export
Gerreidae spp.	Mojarras	Malakapas; batuan	Food; export
Menidae spp.	Moonfish	Birao-birao; sapatero	Food; export
Mugilidae spp.	Mullet	porong	Food; export
Siganidae spp.	White-spotted and streaked spinefoot	Barangan; malaga	Food; export
Soleidae spp.	Sole	dadale	Food; export
Sphyrnidae spp.	Barracuda	Barracuda; penyosa; torsilyo	Food; export
Terraponidae spp.	Terapon	Babansi; bagaong	Food; export
Trichiuridae spp.	Hairtail	Balila; pinka; espada	Food; export
Balistidae spp.	Triggerfish	Haharan; totong; hansa; sungo; ulamen	food
REEF FISHES			
<i>Abudefduf</i> spp.; <i>Acanthurus nigriscans</i>	Sergeantfish	Sergeant; papakol	Aquarium trade
<i>Aeoliscus strigatus</i>	Razorfish	Isdang sikwan	Aquarium trade
<i>Amblycirrhites bimaculatus</i> ; <i>Cirrhites pinnulatus</i> ; <i>Oxycirrhites unifasciatus</i> ; <i>Paracirrhites</i> spp.	Hawkfish		Aquarium trade

<i>Amblyglyphidodon curacao</i> ; <i>Hemiglyphidodon</i> <i>plagiometopon</i> ; <i>Neoglyphidodon oxyodon</i> ; <i>Plectroglyphidodon spp.</i> ; <i>Pomacentrus spp.</i>	Damselfish		Aquarium trade
<i>Amphiprion spp.</i>	Clownfish		Aquarium trade
<i>Anomalops katoptron</i>	Splitfin flashlightfish		Aquarium trade
<i>Antennarius spp.</i>	Frogfish		Aquarium trade
<i>Aplocheilichthys panchax</i> ^{int}	Blue panchax	killie	Aquarium trade
<i>Apogon spp.</i> ; <i>Sphaeramia</i> <i>nematoptera</i> ; <i>Zoramia spp.</i>	Cardinalfish	Dangat	Aquarium trade
<i>Apolemichthys sp.</i> ; <i>Centropyge spp.</i> ; <i>Genicanthus spp.</i> ; <i>Chaetodontoplus spp.</i> ; <i>Pomacanthus spp.</i> ; <i>Pygoplites diacanthus</i>	Angelfish	Boray-boray; adlo; paro- paro	Aquarium trade
<i>Canthigaster spp.</i> ; <i>Arothron</i> <i>spp.</i> ;	Pufferfish	butete	Aquarium trade
<i>Aspidontus taeniatus</i>	False cleanerfish		Aquarium trade
<i>Balistapus undulates</i> ; <i>Rhinecanthus spp.</i> ; <i>Melichthys vidua</i> ; <i>Sufflamen</i> <i>bursa</i> ; <i>Xanthichthys</i> <i>auromarginatus</i>	Triggerfish		Aquarium trade
<i>Bodianus spp.</i>	Hogfish		Aquarium trade
<i>Bothus mancus</i>	Flowery flounder	dapa	Aquarium trade
<i>Callopleksiops dumerilii</i> ; <i>Oxymonacanthus</i> <i>longirostris</i>	Filefish	pakol	Aquarium trade
<i>Chlorurus spp.</i> ; <i>Scarus spp.</i> ; <i>Cetoscarus bicolor</i>	Parrotfish	loro	Aquarium trade
<i>Chaetodon spp.</i> ; <i>Forcipiger</i> <i>spp.</i> ; <i>Hemitaeniarhynchus</i> <i>polylepis</i> ; <i>Chelmon rostratus</i>	Butterflyfish	Butterfly; bantayan; Asian; paru-paro; alibangbang	Aquarium trade
<i>Cheilinus fasciatus</i> ; <i>Cheilodactylus</i> <i>inermis</i> ; <i>Hologymnosus</i> <i>doliatus</i> ; <i>Labridae spp.</i> ; <i>Halichoeres spp.</i> ; <i>Epibulus</i> <i>insidiator</i> ; <i>Gomphosus</i> <i>varius</i> ; <i>Novaculichthys</i> <i>taeniorus</i> ; <i>Oxycheilinus spp.</i> ; <i>Pseudocheilinus spp.</i> ; <i>Stethojulis spp.</i> ; <i>Thalassoma</i>	Wrasse	Mameng; bungat	Aquarium trade

<i>spp.</i>			
<i>Chromis spp.</i>	Chromis	palata	Aquarium trade
<i>Chrysiptera spp.</i>	Demoiselle		Aquarium trade
<i>Conger cinereus</i>	Longfin African conger	obud	Aquarium trade
<i>Ctenochaetus tominiensis</i> ; <i>Paracanthurus hepatus</i>	Tomini surgeonfish	labahita	Aquarium trade
<i>Dascyllus spp.</i>	Dascyllus; humbug	Baro-baro	Aquarium trade
<i>Dendrochirus spp.</i>	Turkeyfish		Aquarium trade
<i>Diodon liturosus</i>	Black-blotched porcupinefish		Aquarium trade
<i>Echidna spp.</i> ; <i>Gymnomuraena zebra</i> ; <i>Gymnothorax meleagris</i> ; <i>Rhinomuraena quaesita</i> ; <i>Uropterygius macrocephalus</i>	Moray	lgat; payangitan; malibanos	Aquarium trade
<i>Ecsenius spp.</i> ; <i>Exallias sp.</i> ; <i>Meiacanthus spp.</i> ; <i>Plagiotremus spp.</i>	Blenny		Aquarium trade
<i>Fistularia commersonii</i>	Bluespotted cornetfish		Aquarium trade
<i>Gambusia affinis</i>	Mosquitofish	Isdang canal	Aquarium trade
<i>Gobiodon citrinus</i> ; <i>Koumansetta rainfordi</i> ; <i>Nemateleostis spp.</i> ; <i>Oxyeleotris marmorata</i> ; <i>Valenciennnea strigata</i>	Goby	biya	Aquarium trade
<i>Hemigymnus melapterus</i>	Blackeye thicklip		Aquarium trade
<i>Heniochus spp.</i>	Pennant coralfish; pennantfish; bannerfish		Aquarium trade
<i>Hoplolatilus spp.</i>	Tilefish		Aquarium trade
<i>Inimicus didactylus</i>	Bearded ghoull		Aquarium trade
<i>Lactoria cornuta</i>	Longhorn cowfish		Aquarium trade
<i>Monodactylus argentes</i>	Silver moony		Aquarium trade
<i>Myripristis spp.</i>	Soldierfish	Baga-baga	Aquarium trade
<i>Naso vlamingii</i>	Bignose unicornfish		Aquarium trade
<i>Ostracion meleagris</i>	Whitespotted box fish	Kaban-kaban	Aquarium trade
<i>Parupeneus spp.</i> ; <i>Upeneus sp.</i>	Goatfish		Aquarium trade
<i>Photoblepharon palpebratum</i>	Eyelight fish		Aquarium trade
<i>Pictichromis porphyrea</i>	Magenta dottyback		Aquarium trade
<i>Platax spp.</i>	Batfish	Bayang; darapugan	Aquarium trade
<i>Plectorhincus spp.</i>	Sweetlips		Aquarium trade
<i>Premnas biaculeatus</i>	Spinecheek anemonefish		Aquarium trade
<i>Priacanthus hamrur</i>	Moontail bullseye		Aquarium trade

<i>Pseudanthias spp.</i>	Basslet; anthias, sea goldie		Aquarium trade
<i>Pterois spp.</i>	Firefish; lionfish		Aquarium trade
<i>Sargocentron spp.</i>	Squirrelfish	Sigang batuhan; baga-baga	Aquarium trade
<i>Scolopsis spp.</i>	Bream	buruba	Aquarium trade
<i>Scorpaenopsis diabolus</i>	False stonefish		Aquarium trade
<i>Synchiropus picturatus</i>	Dragonet		Aquarium trade
<i>Taenianotus triacanthus</i>	Leaf scorpionfish		Aquarium trade
<i>Taeniura lymma</i>	Ribbontail stingray		Aquarium trade
<i>Toxotes spp.</i>	Archerfish		Aquarium trade
<i>Zanclus cornutus</i>	Moorish idol		Aquarium trade
<i>Zebrasoma scopas</i>	Twotone tang		Aquarium trade
AQUATIC FLORA			
<i>Kappaphycus spp.</i> <i>Eucheuma spp.</i> ; <i>Gracillaria spp.</i> ; <i>Sargassum spp.</i>	Seaweeds	Halamang dagat	Carrageenan; industrial use, food; export

II. AQUATIC WILDLIFE WITH CAPTIVE BREEDING TECHNOLOGY

TAXON	COMMON NAMES	LOCAL NAMES	NATURE ^{Status}	TECHNOLOGY STAGE
<i>Anabas testudineus</i>	Climbing perch	Liwalo	Exotic	Developmental
<i>Barbonymus gonionotus</i>	Silver barb	Tawes	Exotic	Developmental
<i>Bidyanus bidyanus</i>	Australian Silver perch		Exotic	Developmental
<i>Caranx ignobilis</i>	Giant trevally	Maliputo	Endemic	Developmental
<i>Catla catla</i>	Catla	Catla carp	Exotic	Commercial
<i>Channa striata</i>	Striped snakehead	Dalag	Exotic	Commercial
<i>Chanos chanos</i>	Milkfish	Bangus	Endemic	Commercial
<i>Cirrhinus cirrhosus</i>	Mrigal carp	Mrigal carp	Exotic	Commercial
<i>Clarias spp.</i> (<i>batrachus</i> & <i>gariepinus</i>)	Thai & African catfish	Hito	Exotic	Commercial
<i>Clarias macrocephalus</i>	Philippine catfish	Hito	Endemic	Commercial
<i>Cromileptes altivelis</i>	Humpback grouper	Lapu lapu	Endemic	Developmental
<i>Ctenopharyngodon idella</i>	Grass carp	Grass carp	Exotic	Commercial
<i>Cyprinus carpio carpio</i>	Common carp	Karpa	Exotic	Commercial
<i>Epinephelus spp.</i> (<i>areolatus</i> , <i>awoara</i> , <i>bleekeri</i> , <i>bruneus</i> , <i>coioides</i> , <i>fuscoguttatus</i> ,	Areolate, Yellow, Duskytail, Long tooth, Orange-spotted, Brown marbled, Giant,	Lapu-lapu	Endemic	Developmental

<i>lanceolatus, malabaricus, merra, tauvina and others)</i>	Malabar, Honey comb, Greasy grouper etc.			
<i>Glossogobius giuris</i>	Tank goby	Bia	Endemic	Developmental
<i>Hypophthalmichthys molitrix</i>	Silver carp	Babangan	Exotic	Commercial
<i>Hypophthalmichthys nobilis</i>	Bighead carp	Bighead	Exotic	Commercial
<i>Labeo rohita</i>	Roho labeo	Rohu carp	Exotic	Commercial
<i>Lates calcarifer</i>	Barramundi	Apahap	Endemic	Developmental
<i>Leiopotheraphon plumbeus</i>	Endemic silver perch	Ayungin	Endemic	Developmental
<i>Lutjanus argentimaculatus</i>	Mangrove red snapper	Maya-maya	Endemic	Developmental
<i>Misgurnus anguillicaudatus</i>	Pond loach	Dojo	Exotic	Developmental
<i>Mugil cephalus</i>	Mullet	Banak	Endemic	Developmental
<i>Oreochromis spp. (aureus, mossambicus, niloticus, spilurus)</i>	Tilapia (blue, Mozambique, Nile, Sabaki)	Tilapia	Exotic ^D	Commercial
<i>Osphronemus goramy</i>	Giant gourami	Gurami	Exotic	Developmental
<i>Ophicephalus striatus</i>	Native snakehead	Dalag	Endemic	Commercial
<i>Oxyeleotris marmorata</i>	Marble goby	Bia	Endemic	Developmental
<i>Pangasiid spp.: (hypophthalmus & bocourti)</i>	Striped catfish	Pangasius	Exotic ^D	Commercial
<i>Plectropomus spp. (leopardus & maculatus)</i>	Leopard & Spotted coral grouper	Lapu lapu	Endemic	Developmental
<i>Rachycentron canadum</i>	Cobia	Dalag dagat	Endemic	Developmental
<i>Scatophagus argus</i>	Spotted scat	Kitang	Endemic	Developmental
<i>Siganus spp. (canaliculatus, fuscescens, guttatus, vermiculatus)</i>	White-spotted spinefoot, Vermiculated etc.	Dangit, Balawis	Endemic	Developmental
<i>Trachinotus blochii</i>	Snubnose pompano	Ampahan	Endemic	Developmental
<i>Trichogaster: pectoralis & trichopterus)</i>	Snakeskin & Three-spot gourami	Gorami	Exotic	Developmental
INVERTEBRATES				
<i>Macrobrachium rosenbergii</i>	Giant freshwater shrimp	Ulang	Endemic	Commercial

<i>Penaeus monodon</i>	Giant tiger prawn	Sugpo	Endemic	Commercial
Other <i>Penaeus</i> or <i>Metapenaeus</i> spp. (<i>merguiensis</i> , <i>indicus</i> , <i>japonicus</i>)	Marine shrimps	Hipon	Endemic	Commercial
<i>Litopenaeus vannamei</i>	Pacific white leg shrimp	Hipong puti	Exotic ^D	Commercial
<i>Scylla serrata</i>	Mangrove king crab	Alimango	Endemic	Commercial
<i>Holothuria scabra</i>	sandfish	Balatan; putian	Endemic	Commercial
<i>Stichopus</i> spp.	Sea cucumber	Hanginan	Endemic	Developmental
<i>Tripneustes gratilla</i>	Sea urchin	tuyom	Endemic	Commercial
<i>Haliotis asinina</i>	Abalone	Abalone; lapas	Endemic	Commercial
<i>Pholas orientalis</i>	diwal	Angelwing shell	Endemic	Developmental
AQUATIC FLORA				
<i>Eucheuma</i> , <i>Gracilaria</i> , <i>Caulerpa</i> spp.	Seaweeds	Katunay, Tambalang, Gulaman, Lato etc.	Endemic	No commercial cultivars
<i>Kappaphycus</i> spp.	Seaweeds		Endemic ^D	Commercial cultivars

III. THREATENED AQUATIC WILDLIFE WITH CAPTIVE BREEDING TECHNOLOGY

TAXON	COMMON NAMES	LOCAL NAMES	NATURE ^{Status}	TECHNOLOGY STAGE
<i>Cheilinus undulatus</i>	Humphead wrasse	Mameng	Endemic	Developmental
<i>Hippocampus kuda</i>	Spotted seahorse	Kabayo-kabayohan	Endemic	Developmental
Tridacnidae spp.	Giant clams	Taklobo, tipay	Endemic	Commercial
<i>Trochus niloticus</i>	Top shell	trocas	Endemic	Commercial
Scleractinia spp.	Hard/stony corals	korales, bahura	Endemic	Commercial (but not in the PH)
Anthozoa; Alcyonacea spp.	Soft corals	korales	Endemic	Commercial (but not in the PH)

Note : SPP/spp = more than one species under the taxon or taxonomic group; Int. = introduced species;

D = Domesticate NI = No information