



## Check - list of estuarine and marine fishes of Parangipettai (Porto Novo) coastal waters.

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### Abstract

A classified list of 410 species of fishes recorded from the coastal (neritic and estuarine) waters of Porto Novo is given. The marine fishes number 275 while the estuarine ones are 125 in number. The list also includes 6 species reported for the first time from Indian waters.

### INTRODUCTION

An essential pre-requisite for a biological station is to collect information on the fauna and flora of that region along with data on their distribution and seasonal occurrence to plan<sup>n</sup> successfully for long range research programmes.

Studies on the Clupeoid fishes, one of the commercially important and cheapest food fishes of India have been in progress in this institution. (Ramaian and Whitehead, 1975, Ramaian and Natarajan, 1975, Ramaian and Paulpandian, 1976, Ramaian and Natarajan, 1979 and Parimala and Ramaian, 1980) During surveys on Clupeoid fishes in Porto Novo coastal waters large collection of other groups have also been made incidentally. Specimens have been obtained from gillnets, trawling, seining and from catches of indigenous fishermen.

Based on these collections, the present revised check-list of the estuarine and marine fishes of Porto

Novo has been prepared and this check-list fills up a basic need. 253 species belonging to 93 Families has already been listed by Jacob (1961).

The classical works of Day (1878-1889) serve even today as standard references for students of Indian Ichthyology. But many additions and revisions have been made since and it has become necessary to compile an upto date list mainly for the use of students. In the present list, therefore, the correct scientific names are provided and the categories of higher taxa such as Superclass, Class, Subclass, Division, Orders and Families are adapted from Nelson (1976).

The nature of each species is indicated after its name as E—Estuarine E&M—Estuarine and marine, E&F W — Estuarine and Freshwater and M—Marine.

The present check-list includes the following numbers of taxa :

114 Families  
255 Genera  
410 Species

## SYSTEMATIC LIST

- Phylum : Chordata  
 Sub phylum : Vertebrata  
 Superclass : Gnathostomata  
 Grade : Pisces  
 Subgrade : Eiasmobranchio-  
 morphi
- Class : Chondrichthyes  
 Subclass : Elasmobranchii  
 Order : LAMNIFORMES  
 Family : Orectolobidae  
 (Carpet or Nurse  
 sharks)
- Genus : *Stegostoma* Muller  
 & Henle, 1837  
*Stegostoma varium*  
 (Seba) - M
- Genus : *Chiloscyllium* Muller  
 & Henle, 1837  
*Chiloscyllium griseum*  
 Muller & Henle - M
- Family : Rhiniodontidae  
 (Whale sharks)
- Genus : *Rhiniodon* Smith, 1828  
*Rhiniodon typus* Smith-M
- Family : Lamnidae (Mackerel  
 sharks)
- Genus : *Isurus* Rafinesque,  
 1810  
*Isurus oxyrinchus*  
 Rafinesque - M
- Family : Alopiidae (Thresher  
 sharks)
- Genus : *Alopias* Rafinesque,  
 1810  
*Alopias vulpinus*  
 Bonnaterre) - M
- Family : Carcharhinidae  
 (Requiem sharks)
- Genus : *Galeocerdo* Muller  
 & Henle, 1837  
*Galeocerdo cuvieri*  
 (Le Sueur) - M
- Genus : *Hypoprion* Muller &  
 Henle, 1841  
*Hypoprion macloiti*  
 (Muller & Henle) - M
- Genus : *Carcharhinus*  
 Blainville, 1816  
*Carcharhinus*  
*limbatus*  
 (Valenciennes) - M  
*Carcharhinus sorrah*  
 (Muller & Henle) - M
- Genus : *Rhizoprionodon*  
 Whitley, 1929  
*Rhizoprionodon*  
*acutus* (Ruppell) - M
- Genus : *Scoliodon* Muller &  
 Henle, 1837  
*Scoliodon laticaudus*  
 (Muller & Henle) - M
- Genus : *Mustelus* Linck, 1790  
*Mustelus manazo*  
 Bleeker - M
- Family : Sphyrnidae  
 (Hammerhead sharks)
- Genus : *Sphyrna* Rafinesque,  
 1810  
*Sphyrna blochii*  
 (Cuvier)  
*Sphyrna lewini*  
 (Cuvier, Griffith)  
 & Smith) - M  
*Sphyrna zygaena*(L) - M  
*Sphyrna mokarran*  
 (Ruppell) - M
- Order : RAJIFORMES  
 Family : Pristidae (Sawfishes)  
 Genus : *Pristis* Linck, 1790  
*Pristis microdon*  
 Latham - M
- Family : Rhinobatidae  
 (Guitarfishes)
- Genus : *Rhina* Schneider, 1801  
*Rhina ancylostoma*  
 Schneider - M

Genus	: <i>Rynchobatus</i> Muller & Henle, 1837	Family	: (Schneider) -M : Mobulidae (Manta-rays & Devilrays)
	<i>Rhynchobatus djeddensis</i> (Forsskal) -M	Genus	: <i>Mobula</i> Rafinesque, 1810
Genus	: <i>Rhinobatus</i> Linck, 1790		<i>Mobula diabolus</i> (Shaw) -M
	<i>Rhinobatus granulatus</i> Cuvier -M	Sub Grade	: Teleostei
	<i>Rhinobatus obtusus</i> Muller & Henle -M	Class	: Osteichthyes
Family	: Torpedinidae (Electric Rays)	Subclass	: Actinopterygii
Genus	: <i>Narke</i> Kaup, 1826	Order	: CLUPEIFORMES
	<i>Narke (Narke) dipterygia</i> (Bloch & Schneider) -M	Suborder	: Clupeoidei
	<i>Narke (Bengalichthys) impennis</i> (Annandale) -M	Family	: Chirocentridae (Wolf herring)
Genus	: <i>Narcine</i> Henle, 1834	Genus	: <i>Chirocentrus</i> Cuvier, 1816
	<i>Narcine timlei</i> (Schneider) -M		<i>Chirocentrus dorab</i> (Forsskal) -M
	<i>Narcine brunnea</i> Annandale -M	Family	: Clupeidae (Herrings, Sardines, Shads, & Sprats)
Family	: Dasyatidae (Stingrays & Butterflyrays)	Genus	: <i>Dussumieria</i> Valenciennes, 1847
Genus	: <i>Dasyatis</i> Rafinesque, 1810		<i>Dussumieria acuta</i> Valenciennes -M
	<i>Dasyatis uarnak</i> (Forsskal) -M	Genus	: <i>Sardinella</i> Valenciennes, 1847
	<i>Dasyatis jenkinsii</i> (Annandale) -M		<i>Sardinella longiceps</i> Valenciennes -M
	<i>Dasyatis imbricata</i> (Schneider) -M		<i>Sardinella dayi</i> Regan -M
	<i>Dasyatis zugei</i> (Muller & Henle) -M		<i>Sardinella brachysoma</i> Bleeker -M
	<i>Dasyatis sephen</i> (Forsskal) -M		<i>Sardinella albella</i> (Valenciennes) -M
Genus	: <i>Gymnura</i> Kuhl, 1823		<i>Sardinella fimbriata</i> (Valenciennes) -M
	<i>Gymnura poecilura</i> (Shaw) -M		<i>Sardinella gibbosa</i> (Bleeker) -M
Family	: Myliobatidae (Eaglerays)		<i>Sardinella sirm</i> (Walbaum) -M
Genus	: <i>Aetobatus</i> Blainville, 1816	Genus	: <i>Escualosa</i> Whitley, 1940
	<i>Aetobatus narinari</i> (Euphrasen) -M		<i>Escualosa thoracata</i> (Valenciennes) -E
Genus	: <i>Aetomylus</i> Garman, 1908	Genus	: <i>Hilsa</i> Regan, 1917
	<i>Aetomylus nichoffi</i>		<i>Hilsa kelee</i> (Cuvier) -E & M

- Hilsa ilisha* (Hamilton - Buchanan)  
-E & M
- Genus : *Nematalosa* Regan, 1917  
*Nematalosa nasus* (Bloch) -E
- Genus : *Anodontostoma* Bleeker, 1849  
*Anodontostoma chacunda* (Hamilton - Buchanan) -E
- Genus : *Pellona* Valenciennes, 1847  
*Pellona ditchela* Valenciennes -M
- Genus : *Ilisha* Richardson, 1846  
*Ilisha melastoma* (Schneider) -E & M  
*Ilisha megaloptera* (Swainson) -M  
*Ilisha kempeni* (Weber & de Beaufort) -E
- Genus : *Opisthopterus* Gill, 1861  
*Opisthopterus tardus* (Cuvier) -M
- Genus : *Racunda* Gray, 1831  
*Racunda russelliana* Gray -M
- Family : Engraulidae (Anchovies & Whitebaits)
- Genus : *Stolephorus* Lacepede, 1803  
*Stolephorus indicus* (Van Hasselt) -E & M  
*Stolephorus commersonii* Lacepede -E & M
- Genus : *Thrissina* Jordan & Seale, 1925  
*Thrissina baelama* (Forsskal) -M
- Genus : *Thryssa* Cuvier, 1829  
*Thryssa setirostris* (Broussonet) -M
- Thryssa mystax* (Schneider) -E & M  
*Thryssa purava* (Hamilton-Buchanan) -E & M  
*Thryssa dussumieri* (Valenciennes) -M  
*Taryssa vitrirostris* (Gilchrist & Thompson) -M  
*Thryssa gautamiensis* Babu Rao, 1971 -E
- Genus : *Setipinna* Swainson, 1839  
*Setipinna taty* (Valenciennes) -M
- Genus : *Coilia* Gray, 1821  
*Coilia reynaldi* Valenciennes -E & M  
*Coilia dussumieri* Valenciennes -E & M
- Order : ELOPIFORMES  
Suborder : Elopoidei  
Family : Elopidae (Tenpounders)  
Genus : *Elops* L, 1766  
*Elops machnana* (Forsskal) -E & M  
Family : Megalopidae (Tarpons)  
Genus : *Megalops* Lacepede, 1803  
*Megalops cyprinoides* (Broussonet) -E & M
- Order : ANGUILLIFORMES  
Family : Anguillidae (Freshwater eels)  
Genus : *Anguilla* Shaw, 1803  
*Anguilla bicolor bicolor* (McClelland) -E & M  
*Anguilla bengalensis bengalensis* (Gray & Hardwicke) -E & M  
Family : Moringuidae (Worm or Spaghetti eel) -E & M

- Genus : *Moringua* Gray, 1831  
 - *Moringua raitaborua*  
 Gray -M
- Family : Muraenidae (Moray eels)
- Genus : *Lycodontis* McClelland, 1844  
*Lycodontis favagineus* (Bloch & Schneider) -M  
*Lycodontis punctatus* (Bloch & Schneider) -M
- Genus : *Gymnothorax* Bloch, 1795  
*Gymnothorax pseudothrysoideus* (Bleeker) -M
- Family : Congridae (Conger eels)
- Genus : *Uroconger* Kaup, 1856  
*Uroconger lepturus* (Richardson) -M
- Family : Muraenesocidae (Pike eels)
- Genus : *Congresox* Gill, 1890  
*Congresox talabonoides* (Bleeker) -M
- Genus : *Muraenesox* McClelland, 1843  
*Muraenesox cinereus* (Forsskal) -M
- Family : Ophichthidae
- Genus : *Pisodonophis* Kaup, 1856  
*Pisodonophis boro* (Hamilton & Buchanan) -E & M  
*Pisodonophis cancrivorus* (Richardson) -E
- Genus : *Lamnostoma* Kaup, 1856  
*Lamnostoma orientalis* (McClelland) -E
- Order : GONORYNCHIFORMES
- Suborder : Chanoidei
- Family : Chanidae (Milk fish)
- Genus : *Chanos* Lacepede, 1805  
*Chanos chanos* (Forsskal) -E & F.W
- Order : SILURIFORMES
- Family : Ariidae (Sea cat fishes)
- Genus : *Arius* Valenciennes, 1840  
*Arius caelatus* (Valenciennes) -E & M  
*Arius sona* (Hamilton) -M  
*Arius tenuispinis* (Day) -M  
*Arius maculatus* (Thunberg) -M  
*Arius arius* (Hamilton) -M  
*Arius subrostratus* (Valenciennes) -M  
*Arius thalassinus* (Ruppell) -M  
*Arius dussumieri* (Valenciennes) -M  
*Arius parvipinnis* (Day) -M
- Genus : *Osteogeneiosus* Bleeker, 1846  
*Osteogeneiosus militaris* (L) -M
- Family : Plotosidae (Plotosids or catfish eel)
- Genus : *Plotosus* Lacepede, 1803  
*Plotosus canius* Hamilton-Buchanan -E  
*Plotosus lineatus* (Thunberg) -M
- Family : Bagridae (Bagrid catfishes)
- Genus : *Mystus* Scopoli, 1777  
*Mystus gulio* (Hamilton-Buchanan) -E & F.W

	<i>Mystus vittatus</i>	Family	: Ophidiidae
	(Bloch) -E & F. W	Genus	: <i>Brotula</i> Cuvier, 1829
Family	: Siluridae (Estuarine catfishes)		<i>Brotula multibarbata</i> Schlegel -M
Genus	: <i>Wallago</i> Bleeker, 1851	Genus	: <i>Neobythites</i>
	<i>Wallago attu</i> (Bloch) -E & F. W		Goode & Bean 1913
Genus	: <i>Ompok</i> Lacepede, 1803		<i>Neobythites malayanus</i> Max Weber -M
	<i>Ompok bimaculatus</i> (Bloch) -E & F. W	Order	: LOPHIFORMES
Order	: MYCTOPHIFORMES	Suborder	: Antennarioidei
Family	: Synodidae (Lizard fishes)	Family	: Antennariidae (Frogfish or Anglerfish)
Genus	: <i>Saurida</i> Valenciennes, 1849	Genus	: <i>Antennarius</i> Lacepede, 1798
	<i>Saurida tumbil</i> (Bloch) -M		<i>Antennarius hispidus</i> (Bloch) -M
	<i>Saurida gracilis</i> (Quoy & Gaimard) -M	Suborder	: Lophoidei
	<i>Saurida undosquomis</i> (Richardson) -M	Family	: Lophiidae (Goose fishes)
	<i>Saurida isarankurai</i> Shindo & Yanada -M	Genus	: <i>Lophiodes</i> Goode & Bean, 1895
Genus	: <i>Synodus</i> Scopoli, 1763		<i>Lophiodes lugubris</i> (Alcock) -M
	<i>Synodus indicus</i> (Day) -M	Family	: Ogcocephalidae (Batfishes)
Genus	: <i>Trachinocephalus</i> Gill, 1861	Genus	: <i>Halietaea</i> Valenciennes, 1837
	<i>Trachinocephalus myops</i> (Schneider) -M		<i>Halietaea stellata</i> (Vahl) -M
Genus	: <i>Harpadon</i> Le Sueur, 1825	Order	: ATHERINIFORMES
	<i>Harpadon nehereus</i> (Hamilton-Buchanan) -M	Suborder	: Exocoetoidei
Order	: GADIFORMES	Family	: Exocoetidae (Flying fishes & Halfbeaks)
Suborder	: Gadoidei	Genus	: <i>Exocoetus</i> L. 1758
Family	: Bregmacerotidae (Codlets)		<i>Exocoetus volitans</i> L. -M
Genus	: <i>Bregmaceros</i> Thompson, 1840	Genus	: <i>Cypselurus</i> Swainson, 1839
	<i>Bregmaceros mcClellandi</i> Thompson -M		<i>Cypselurus poecilopterus</i> (Valenciennes) -M
Suborder	: Ophidioidei	Genus	: <i>Rhynchorhamphus</i> Fowler, 1928
			<i>Rhynchorhamphus georgii</i> (Valenciennes) -E

Genus	: <i>Hemiramphus</i> Cuvier, 1817	Family	: Centriscidae (Shrimp fishes)
	<i>Hemiramphus lutkei</i> Valenciennes -E	Genus	: <i>Centriscus</i> L, 1753 <i>Centriscus scutatus</i> L, -M
	<i>Hemiramphus far</i> (Forsskal) -E	Family	: Syngnathidae (Pipe- fishes & Sea horses)
Genus	: <i>Hyporhamphus</i> Gill, 1859	Genus	: <i>Syngnathoides</i> Bleeker, 1851 <i>Syngnathoides biacu-</i> <i>leatus</i> Bloch -E
	<i>Hyporhamphus xantho-</i> <i>pterus</i> (Valenciennes) -E	Genus	: <i>Trachyrhamphus</i> Kaup, 1856 <i>Trachyrhamphus</i> <i>intermedius</i> (Kaup) -E <i>Trachyrhamphus</i> <i>serratus</i> (Schlegel) -E
	<i>Hyporhamphus limba-</i> <i>rus</i> (Valenciennes) -E	Genus	: <i>Hippocampus</i> Rafinesque, 1810 <i>Hippocampus kuda</i> Bleeker -M
Family	: Belontiidae (Needle fishes)	Order	: SYNBRANCHI- FORMES
Genus	: <i>Ablennes</i> Jordan & Fordice, 1887 <i>Ablennes hians</i> (Valenciennes) -M	Suborder	: Synbranchioidei
Genus	: <i>Tylosurus</i> Cocco, 1833 <i>Tylosurus crocodillus</i> (Peron & Lesueur) -M	Family	: Synbranchidae (Swamp eels)
Genus	: <i>Strongylura</i> Van Hasselt, 1824 <i>Strongylura leiura</i> (Bleeker) -M	Genus	: <i>Synbranchus</i> Bloch, 1795 <i>Synbranchus benga-</i> <i>lensis</i> (McClelland) -E
Suborder	: Atherinoidei	Order	: SCORPAENI- FORMES
Family	: Atherinidae (Silversides)	Suborder	: Scorpaenoidei
Genus	: <i>Atherinomorus</i> Fowler, 1903 <i>Atherinomorus</i> <i>lacunosus</i> (Forster) -E	Family	: Scorpaenidae (Scorpion fishes & Rock fishes)
Order	: BERYCIFORMES	Genus	: <i>Apistus</i> Cuvier, 1829 <i>Apistus carinatus</i> (Bloch & Schneider) -M
Suborder	: Berycoidei	Genus	: <i>Pterois</i> Okèn, 1817 <i>Pterois russelli</i> Bennett -M
Family	: Holocentridae (Squirrel fishes)	Genus	: <i>Scorpaenodes</i> Bleeker, 1857 <i>Scorpaenodes qua-</i> <i>mensis</i> (Quoy & Gaimard) -M
Genus	: <i>Adioryx</i> Parks, 1908 <i>Adioryx ruber</i> (Forsskal) -M	Genus	: <i>Dendrochirus</i>
Order	: SYNGNATHI- FORMES		
Suborder	: Autostomoidei		
Family	: Fistularidae (Cornet fishes)		
Genus	: <i>Fistularia</i> L, 1758 <i>Fistularia villosa</i> Klunzinger -M		



	Swainson, 1839	Family	: Centropomidae
	<i>Dendrochirus zebra</i>		(Snooks)
	(Cuvier & Valenciennes) -M	Genus	: <i>Ambassis</i> Cuvier, 1828
Family	: Tetrarogidae		<i>Ambassis commersoni</i>
Genus	: <i>Choridactylus</i>		Cuvier -E
	Richardson, 1848		<i>Ambassis gymnocephalus</i> (Lacepede) -E
	<i>Choridactylus multi-</i>	Genus	: <i>Lates</i> Cuvier &
Genus	<i>barbus</i> Richardson -M		Valenciennes, 1828
	: <i>Minous</i> Cuvier &		<i>Lates calcarifer</i>
	Valenciennes, 1820		(Bloch) -E
	<i>Minous monodactylus</i>	Genus	: <i>Psammoperca</i>
	(Bloch & Schneider)		Richardson, 1846
	-M		<i>Psammoperca</i>
Family	: Aploactinidae		<i>waigiensis</i> (Cuvier) -E
	(Velvet fishes)	Family	: Serranidae (Sea
Genus	: <i>Acanthosphex</i>		basses Groupers)
	Fowler, 1938	Genus	: <i>Cephalopholis</i>
	<i>Acanthosphex</i>		Schneider, 1801
	<i>leurynnis</i> (Jordan &		<i>Cephalopholis boenack</i>
	Seale) -M		(Bloch) -M
Genus	: <i>Richardsonichthys</i>	Genus	: <i>Promicrops</i> Poey, 1868
	Fowler, 1938		<i>Promicrops lanceo-</i>
	<i>Richardsonichthys</i>		<i>latus</i> (Bloch) -E & M
	<i>leucogaster</i>	Genus	: <i>Epinephelus</i> Bloch,
	(Richardson) -M		1793
Suborder	: Platycephaloidei		<i>Epinephelus bleekeri</i>
Family	: Platycephalidae		(Vaillant & Bocourt)
	(Flatheads)		-M
Genus	: <i>Platycephalus</i>		<i>Epinephelus diacanthus</i>
	Bloch, 1795		(Valenciennes) -M
	<i>Platycephalus</i>		<i>Epinephelus morrhua</i>
	<i>scaber</i> (L) -E		(Valenciennes) -M
	<i>Platycephalus</i>		<i>Epinephelus tauvina</i>
	<i>indicus</i> (L)		(Forsskal) -E & M
	-E & M		<i>Epinephelus fasciatus</i>
	<i>Platycephalus tuber-</i>		(Forsskal) -M
	<i>culatus</i> Cuvier, -M	Family	: Teraponidae
Order	: DACTYLOPTERIFORMES		(Grunters)
Family	: Dactylopteridae	Genus	: <i>Pelates</i> Cuvier, 1829
	(Flying gurnards)		<i>Pelates quadrilineatus</i>
Genus	: <i>Dactylopterus</i>		(Bloch) -M
	(Jordan &	Genus	: <i>Terapon</i> Cuvier, 1817
	Richardson, 1908		<i>Terapon jarbua</i>
	<i>Dactylopterus</i>		(Forsskal) -E & M
	<i>orientalis</i> (Cuvier) -M		<i>Terapon puta</i>
Order	: PERCIFORMES		Cuvier -E
Suborder	: Percoidei		<i>Terapon theraps</i>
			Cuvier -M



Family	: Priacanthidae (Catalufas)		<i>Alectis ciliaris</i> (Bloch)
Genus	: <i>Priacanthus</i> Oken, 1817		-M <i>Alectis indicus</i> (Ruppell) -E & M
	<i>Priacanthus kumrur</i> (Forsskal) -M	Genus	: <i>Alepes</i> Swainson, 1839
Family	: Apogonidae (Cardinalfishes)		<i>Alepes djeddaba</i> (Forsskal) -M
Genus	: <i>Apogon</i> Lacepede, 1801		<i>Alepes ka la</i> (Cuvier) -M
	<i>Apogon (Nectamia)</i> <i>aureus</i> (Lacepede) -M		<i>Alepes melanoptera</i> Swainson -M
	<i>Apogon (Nectamia)</i> <i>septemstriatus</i> Gunther -M	Genus	: <i>Atropus</i> Cuvier, 1817
	<i>Apogon (Nectamia)</i> <i>quadrifasciatus</i> Cuvier -M		<i>Atropus atropus</i> (Bloch & Schneider) -M
	<i>Apogon (Nectamia)</i> <i>elliotti</i> Day -M	Genus	: <i>Atule</i> Jordan & Jordan, 1922
Family	: Sillaginidae (Whitings)		<i>Atule mate</i> (Cuvier & Valenciennes) -M
Genus	: <i>Sillago</i> Cuvier, 1817	Genus	: <i>Carangoides</i> Bleeker, 1851
	<i>Sillago sihama</i> (Forsskal) -E & M		<i>Carangoides gymne-</i> <i>stethus</i> (Cuvier) -M
Family	: Lactaridae (False travellies)		<i>Carangoides malaba-</i> <i>rius</i> (Bloch & Schneider) -M
Genus	: <i>Lactarius</i> Cuvier & Valenciennes, 1833		<i>Carangoides ferdau</i> (Forsskal) -M
	<i>Lactarius lactarius</i> (Bloch & Schneider) -M		<i>Carangoides chryso-</i> <i>phrys</i> Valenciennes-M
Family	: Rachycentridae (Cobias)		<i>Carangoides caeru-</i> <i>leopinnatus</i> (Ruppell) -M
Genus	: <i>Rachycentron</i> Kaup, 1826		<i>Carangoides praeustus</i> (Bennett) -E & M
	<i>Rachycentron</i> <i>canadus</i> (L) -M		<i>Carangoides talampa-</i> <i>roides</i> Bleeker -M
Family	: Echeneidae (Remoras & Suckerfishes)		<i>Carangoides armatus</i> (Ruppell) -M
Genus	: <i>Echeneis</i> L, 1758	Genus	: <i>Caranx</i> Lacepede, 1801
	<i>Echeneis naucrates</i> L -M		<i>Caranx ignobilis</i> (Forsskal) -E & M
Genus	: <i>Remora</i> Gill, 1863		<i>Caranx sem</i> Cuvier -E & M
	<i>Remora remora</i> (L)-M		<i>Caranx sexfasciatus</i> Quoy & Gaimard -E & M
Family	: Carangidae (Jacks & Pampanos)		
Genus	: <i>Alectis</i> Rafinesque, 1815		

- Genus : *Decapterus* Bleeker, 1851  
*Decapterus russelli* (Ruppell) -M
- Genus : *Gnathanodon* Bleeker, 1851  
*Gnathanodon speciosus* (Forsskal) -M
- Genus : *Megalaspis* Bleeker, 1851  
*Megalaspis cordyla* (L.) -M
- Genus : *Scomberoides* Lacepede, 1801  
*Scomberoides comersonianus* Lacepede -M  
*Scomberoides tala* (Cuvier) -E & M
- Genus : *Selaroides* Bleeker, 1851  
*Selaroides leptolepis* Valenciennes -M
- Genus : *Trachinotus* Lacepede 1801  
*Trachinotus blochii* (Lacepede) -E & M  
*Trachinotus bailloni* (Lacepede) -M  
*Trachinotus botla* (Shaw) -M
- Genus : *Elagatis* Bennett, 1840  
*Elagatis bipinnulatus* (Quoy & Gaimard) -M
- Family : *Coryphaenidae* (Dolphinfishes)
- Genus : *Coryphaena* L., 1758  
*Coryphaena hippurus* L. -M
- Family : *Apolectidae*
- Genus : *Apolectus* Cuvier, 1831  
*Apolectus niger* (Bloch) -M
- Family : *Menidae* (Moonfishes)
- Genus : *Mene* Lacepede, 1803  
*Mene maculata* (Bloch) -M
- Family : *Leiognathidae* (Slip-mouth or ponyfishes)
- Genus : *Gazza* Ruppell, 1835  
*Gazza minuta* (Bloch) -M
- Genus : *Leiognathus* Lacepede, 1803  
*Leiognathus splendens* (Cuvier) -E & M  
*Leiognathus bindus* (Valenciennes) -E & M  
*Leiognathus equulus* (Forsskal) -E & M  
*Leiognathus daura* (Cuvier) -M  
*Leiognathus dussumieri* (Valenciennes) -M  
*Leiognathus jonesi* James -E & M  
*Leiognathus berbis* (Valenciennes) -M
- Genus : *Secutor* Gistel, 1848  
*Secutor ruconius* (Hamilton-Buchanan) -E & M  
*Secutor insidiator* (Bloch) -E & M
- Family : *Lutjanidae* (Snappers)
- Genus : *Caesio* Lacepede, 1802  
*Caesio caeruleaureus* Lacepede -M  
*Caesio chrysozona* Cuvier -M
- Genus : *Lutjanus* Bloch, 1790  
*Lutjanus johni* (Bloch) -E & M  
*Lutjanus kasmira* (Forsskal) -E & M  
*Lutjanus sanguineus* (Cuvier) -E & M  
*Lutjanus vaigiensis* (Quoy & Gaimard) -E & M  
*Lutjanus argentimaculatus* (Forsskal) -M  
*Lutjanus bohar* (Forsskal) -M

- Lutjanus fulviflammus* (Forsskal) -M  
*Lutjanus russelli* (Bleeker) -M  
*Lutjanus lunulatus* (Mungo Park) -M  
*Lutjanus sebae* (Cuvier) -M  
*Lutjanus lineolatus* (Ruppell) -E & M  
*Lutjanus malabaricus* (Schneider) -M  
*Lutjanus monostigma* (Cuvier) -M  
 Genus : *Pinjalo* Bleeker, 1845  
*Pinjalo pinjalo* (Bleeker) -M  
 Family : Nemipteridae (Thread fin breams)  
 Genus : *Nemipterus* Swainson, 1839  
*Nemipterus japonicus* (Bloch) -M  
*Nemipterus bleekeri* (Day) -M  
*Nemipterus tolu* (Valenciennes) -M  
 Family : Lobotidae (Tripletails)  
 Genus : *Lobotes* Cuvier, 1820  
*Lobotes surinamensis* (Bloch) -M  
 Family : Gerreidae (Mojarras)  
 Genus : *Gerres* Cuvier, 1824  
*Gerres setifer* (Hamilton-Buchanan) -E & M  
*Gerres filamentosus* Cuvier -E  
*Gerres abbreviatus* Bleeker -E  
*Gerres oyena* (Forsskal) -E  
 Genus : *Pentaprion* Bleeker, 1850  
*Pentaprion longimanus* (Cantor) -M  
 Family : Pomadasysidae (Grunts)
- Genus : *Pomadasys* Lacepede, 1803  
*Pomadasys maculatus* (Bloch) -E & M  
*Pomadasys hasta* (Bloch) -E & M  
*Pomadasys guoraca* (Ruppell) -E & M  
*Pomadasys opercularis* (Playfair) -E & M  
 Genus : *Plectorhinchus* Lacepede, 1801  
*Plectorhinchus nigra* (Cuvier) -M  
*Plectorhinchus cinctus* (Schlegel) -M  
*Plectorhinchus lineatus* (L) -M  
 Genus : *Diagramma* Oken, 1817  
*Diagramma pictus* (Thunberg) -M  
 Family : Lethrinidae (Scavengers or Emperors)  
 Genus : *Lethrinus* Cuvier, 1829  
*Lethrinus miniatus* (Schneider) -M  
 Family : Sparidae (Porgies Seabreams)  
 Genus : *Argyrops* Swainson, 1839  
*Argyrops spinifer* (Forsskal) -M  
 Genus : *Rhabdosargus* Fowler, 1938  
*Rhabdosargus serba* (Forsskal) -M  
 Genus : *Acanthopagrus* Peters, 1855  
*Acanthopagrus latus* (Houttuyn) -M  
*Acanthopagrus berda* (Forsskal) -M  
 Family : Sciaenidae (Drummer & Croakers)  
 Genus : *Kathala* Mohan, 1969  
*Kathala axillaris* (Cuvier) -M

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|--------|--|--------|--|
| Genus  | : <i>Panna</i> Mohan, 1969<br><i>Panna microdon</i><br>(Bleeker) -E  | Genus  | : <i>Upeneus</i> Cuvier & Valenciennes, 1829<br><i>Upeneus sulphureus</i><br>Cuvier -M                           |
| Genus  | : <i>Pennahia</i> Fowler, 1926<br><i>Pennahia macrophthalmus</i> (Bleeker) -M  |        | <i>Upeneus vittatus</i><br>(Lacepede) -M   |
| Genus  | : <i>Otolithes</i> Oken, 1817<br><i>Otolithes ruber</i><br>(Schneider) -M  | Family | : Monodactylidae<br>(Moonfishes or Fingerfishes)   |
| Genus  | : <i>Protonibea</i> Trewavas, 1971<br><i>Protonibea diacanthus</i><br>(Lacepede) -M  | Genus  | : <i>Monodactylus</i> Lacepede, 1802<br><i>Monodactylus argenteus</i> (L) -M                                     |
| Genus  | : <i>Dendrophysa</i><br>Trewavas, 1964<br><i>Dendrophysa russelli</i><br>(Cuvier) -E & M   | Family | : Kyphosidae<br>(Rudderfishes)   |
| Genus  | : <i>Daysciaena</i> Talwar, 1970<br><i>Daysciaena albida</i><br>(Cuvier) -E & M  | Genus  | : <i>Kyphosus</i> Lacepede, 1802<br><i>Kyphosus cinerascens</i><br>(Forsskal) -M                                 |
| Genus  | : <i>Nibea</i> Jordan & Thompson, 1911<br><i>Nibea maculata</i><br>(Schneider) -M<br><i>Nibea soldado</i><br>(Lacepede) -M   | Family | : Ephippidae<br>(Spadefishes)  |
| Genus  | : <i>Johnius</i> Bloch, 1793<br><i>Johnius carutta</i> Bloch<br>-E & M<br><i>Johnius belangerii</i><br>(Cuvier) -M<br><i>Johnius macropterus</i><br>(Bleeker) -M<br><i>Johnius amblycephalus</i><br>(Bleeker) -M | Genus  | : <i>Ephippus</i> Cuvier 1817<br><i>Ephippus orbis</i> (Bloch)<br>-M   |
| Genus  | : <i>Johnieops</i> Mohan, 1969<br><i>Johnieops dussumieri</i><br>(Cuvier) -M   | Genus  | : <i>Drepane</i> Cuvier, 1831<br><i>Drepane punctata</i> (L)<br>-M   |
| Family | : Mullidae (Goatfishes)  | Genus  | : <i>Platax</i> Cuvier, 1817<br><i>Platax pinnatus</i> (L)<br>-M   |
| Genus  | : <i>Mulloidichthys</i><br>Whitley, 1929<br><i>Mulloidichthys flavolineatus</i> (Lacepede)<br>-M   | Family | : Scatophagidae<br>(Seats)   |
| Genus  | : <i>Parupeneus</i> Bleeker, 1863<br><i>Parupeneus indicus</i><br>(Shaw) -M  | Genus  | : <i>Scatophagus</i> Cuvier, 1831<br><i>Scatophagus argus</i> (L)<br>-E & M                                      |
|        |  | Family | : Chaetodontidae<br>(Butterfly fishes)   |
|        |  | Genus  | : <i>Heniochus</i> Cuvier, 1817<br><i>Heniochus acuminatus</i> (L) -M  |
|        |  | Genus  | : <i>Chaetodon</i> L, 1758<br><i>Chaetodon vagabundus</i> L -M<br><i>Chaetodon trifasciatus</i><br>Mungo park -M |
|        |  | Family | : Pomacanthidae<br>(Angel fishes)  |

- Genus : *Pomacanthus*  
Lacepede, 1803  
*Pomacanthus annularis*  
(Bloch) -M
- Genus : *Apolemichthys*  
Fraser Brunner,  
*Apolemichthys*  
*zanthurus* (Bennett)  
-M
- Family : Cichlidae (Cichlids)
- Genus : *Sarotherodon*  
Ruppell, 1852  
*Sarotherodon*  
*mossambica* (Ruppell)  
-E & F.W.
- Genus : *Etroplus* Cuvier &  
Valenciennes, 1830  
*Etroplus maculatus*  
(Bloch) -E.&F.W.  
*Etroplus suratensis*  
(Bloch) -E.&F.W.
- Family : Pomacentridae  
(Damsel fishes)
- Genus : *Pomacentrus*  
Lacepede, 1803  
*Pomacentrus cyano-*  
*mos* (Bleeker) -M
- Genus : *Daya* Bleeker, 1877  
*Daya jerdoni* (Day)  
-M
- Genus : *Abudefduf* Forsskal,  
1775  
*Abudefduf unioellatus*  
(Quoy & Gaimard)  
-M
- Family : Cepolidae  
(Bandfishes)
- Genus : *Acanthocephala*  
Bleeker, 1874  
*Acanthocephala abbre-*  
*viata*  
(Valenciennes) -M
- Suborder : Mugiloidei
- Family : Mugilidae (Mulletts)
- Genus : *Mugil* L, 1758  
*Mugil cephalus* L  
-E & M
- Genus : *Liza* Jordan & Swain,  
1884
- Liza dussumieri*  
(Valenciennes) -E&M  
*Liza parsia* (Hamilton  
-Buchanan) -E&M  
*Liza macrolepis*  
(Smith) -E&M  
*Liza tade* (Forsskal)  
-E&M
- Genus : *Valamugil* Smith, 1948  
*Valamugil seheli*  
(Forsskal) -E  
*Valamugil caeruleo-*  
*maculatus* (Lacepede)  
-E  
*Valamugil buchanani*  
(Bleeker) -E
- Genus : *Osteomugil* Luther, 1974  
*Osteomugil cunnesius*  
(Valenciennes) -E  
*Osteomugil speigleri*  
(Bleeker) -E
- Genus : *Rhinomugil* Gill, 1863  
*Rhinomugil corsula*  
(Hamilton) -E
- Suborder : Sphyrænoidei
- Family : Sphyrænidae  
(Barracudas)
- Genus : *Sphyræna* Rose, 1793  
*Sphyræna barracuda*  
(Walbaum) -M  
*Sphyræna obtusata*  
Cuvier -M
- Suborder : Polynemoidei
- Family : Polynemidae  
(Threadfins)
- Genus : *Eleutheronema*  
Bleeker, 1862  
*Eleutheronema tetra-*  
*dactylum* (Shaw)  
-E&M
- Genus : *Polynemus* L. 1758  
*Polynemus indicus*  
Shaw -E&M  
*Polynemus plebeius*  
Broussonet -E&M  
*Polynemus sextarius*  
Bloch -M
- Suborder : Labroidei
- Family : Labridae (Wrasses)

- Genus : *Halichoeres* Ruppell, 1835  
*Halichoeres dussumieri* Valenciennes -M
- Genus : *Inistius* Gill, 1862  
*Inistius pavo* (Valenciennes) -M
- Family : Scaridae  
 (Parrot fishes)
- Genus : *Scarus* Forsskal, 1775  
*Scarus (Callyodon) quoyi* Valenciennes-M  
*Scarus (Callyodon) ghobban* Forsskal -M
- Suborder : Blennioidei
- Family : Opisthognathidae  
 (Jaw fishes)
- Genus : *Opisthognathus* Cuvier, 1817  
*Opisthognathus rosenbergii* Bleeker -M  
*Opisthognathus nigromarginatus* Ruppell -M
- Family : Mugiloididae  
 (Paraperidae)  
 (Sandperches)
- Genus : *Parapersis* Bleeker, 1863  
*Parapersis punctata* (Cuvier) -M
- Family : Uranoscopidae  
 (Stargazers)
- Genus : *Uranoscopus* L, 1758  
*Uranoscopus cognatus* Cantor -M
- Genus : *Ichthyoscopus* Swainson, 1839  
*Ichthyoscopus lebeck* (Bloch) -M
- Family : Blenniidae  
 (Combtooth blennis)
- Genus : *Xiphasia* Swainson, 1839  
*Xiphasia setifer* Swainson -M
- Suborder : Gobioidi
- Family : Eleotridae (Sleepers)
- Genus : *Eleotris* Bloch & Schneider, 1801  
*Eleotris fusca* (Bloch & Schneider) -E
- Genus : *Butis* Bleeker, 1874  
*Butis melanostigma* (Bleeker) -E
- Genus : *Prionobutis* Bleeker, 1874  
*Prionobutis koilomatodon* (Bleeker) -E
- Family : Gobiidae (Gobies)
- Genus : *Acentrogobius* Bleeker, 1874  
*Acentrogobius cyanomos* (Bleeker) -E&M  
*Acentrogobius audax* Smith -E&M  
*Acentrogobius reichei* (Bleeker) -E&M  
*Acentrogobius madraspatensis* (Day) -E&M  
*Acentrogobius viridipunctatus* (Valenciennes) -E
- Genus : *Cryptocentrus* Cuvier & Valenciennes, 1837  
*Cryptocentrus russus* (Cantor) -M
- Genus : *Waitea* Jordan & Seale, 1906  
*Waitea mystacina* (Valenciennes) -M
- Genus : *Parachaeturichthys* Bleeker, 1874  
*Parachaeturichthys polynema* (Bleeker)-M
- Genus : *Parapocryptes* Bleeker, 1874  
*Parapocryptes rictuosus* (Valenciennes) -E&M
- Genus : *Apocryptodon* Bleeker, 1874  
*Apocryptodon madurensis* (Bleeker)-E&M
- Genus : *Pseudapocryptes* Bleeker, 1874

- Pseudapocryptes lanceolatus* (Bloch & Schneider) -E&M
- Genus : *Callogobius* Bleeker, 1874  
*Callogobius seshaiyai* Jacob & Rengarajan -E
- Genus : *Glossogobius* Gill, 1862  
*Glossogobius biocellatus* (Valenciennes) -E  
*Glossogobius giuris* (Hamilton-Buchanan) -E&M
- Genus : *Stigmatogobius* Bleeker, 1874  
*Stigmatogobius minima* (Hora) -E&M
- Genus : *Rhinogobius* Gill, 1860  
*Rhinogobius criniger* (Valenciennes) -M
- Genus : *Gobiopsis* Steindachner, 1861  
*Gobiopsis mecrostoma* Steindachner -E&M
- Family : Gobioididae (Eel like Gobies)
- Genus : *Taenioides* Lacepede, 1798  
*Taenioides anguillararis* (L) -M  
*Taenioides cirratus* (Blyth) -M
- Family : *Solicidae*
- Genus : *Oligolepis* Bleeker, 1874  
*Oligolepis acutipennis* (Valenciennes) -E&M
- Genus : *Oxyurichthys* Bleeker, 1860  
*Oxyurichthys papuensis* (Valenciennes) -E&M  
*Oxyurichthys microlepis* (Bleeker) -M  
*Oxyurichthys tentacularis* (Valenciennes) -E&M
- Genus : *Periophthalmus*
- Genus : *Periophthalmus* Bloch & Schneider, 1801  
*Periophthalmus koelreuteri* (Pallas) -E
- Genus : *Boleophthalmus* Cuvier & Valenciennes, 1837  
*Boleophthalmus boddarti* (Pallas) -E
- Family : Trypauchenidae (Burrowing gobies)
- Genus : *Trypauchen* Cuvier & Valenciennes, 1837  
*Trypauchen vagina* (Bloch & Schneider) -E
- Suborder : Kurtoidei
- Family : Kurtidae (Nursery fishes)
- Genus : *Kurtus* Bloch, 1786  
*Kurtus indicus* Bloch-M
- Suborder : Acanthuroidei
- Family : Acanthuridae (Surgeon fishes)
- Genus : *Acanthurus* Forsskal, 1775  
*Acanthurus nigr'cauda* Duncker & Mohr -E&M  
*Acanthurus xanthopterus* Valenciennes -E&M
- Family : Siganidae (Rabbit fishes)
- Genus : *Siganus* Forsskal, 1775  
*Siganus spinus* (L) -E&M  
*Siganus canaliculatus* (Mungo-Park) -E&M  
*Siganus javus* (L) -E&M  
*Siganus vermicu'atus* (Valenciennes) -E&M
- Suborder : Scombroidei
- Family : Trichiuridae (Cutlassfishes or Ribbonfishes)
- Genus : *Trichiurus* L, 1758  
*Trichiurus lepturus* L -M



- Genus : *Lepturacanthus*  
Fowler, 1905  
*Lepturacanthus savala*  
(Cuvier) -M
- Genus : *Eupleurogrammus*  
Gill, 1862  
*Eupleurogrammus*  
*muticus* (Gray) -M
- Family : Scombridae  
(Mackerels & Tunas)
- Genus : *Rastrelliger* Jordan &  
Seale, 1908  
*Rastrelliger kanagurta*  
(Cuvier) -M
- Genus : *Scomberomorus*  
Lacepede, 1801  
*Scomberomorus com-*  
*merson*  
(Lacepede) -M  
*Scomberomorus gutta-*  
*tus* (Bloch & Schnei-  
der) -M
- Genus : *Euthynnus* Jordan &  
Gilbert, 1883  
*Euthynnus affinis*  
(Cantor) -M
- Family : Xiphiidae (Sword  
fishes)
- Genus : *Xiphias* L, 1758  
*Xiphias gladius* L -M
- Family : Istiophoridae (Bill  
fishes)
- Genus : *Istiophorus* Lacepede,  
1801  
*Istiophorus piatyce-*  
*phalus* (Shaw &  
Nodder) -M
- Suborder : Stromateoidei
- Family : Stromateidae  
(Butter fishes)
- Genus : *Pampus* Bonaparte,  
1837  
*Pampus argenteus*  
(Euphrasen) -M  
*Pampus chinensis*  
(Euphrasen) -M
- Order : GOBIESOCI-  
FORMES
- Suborder : Callionymoidei
- Family : Callionymidae  
(Dragonets)
- Genus : *Callionymus* L, 1758  
*Callionymus japonicus*  
Houttuyn -M  
*Callionymus sagitta*  
Pallas -M
- Genus : *Synchiropus* Gill,  
1859  
*Synchiropus lineolatus*  
(Valenciennes) -M
- Order : PLEURONECTI-  
FORMES
- Suborder : Psettdoidei
- Family : Psettodidae  
(Halibuts)
- Genus : *Psettodes* Bennett,  
1831  
*Psettodes erumei*  
(Schneider) -M
- Family : Citharidae (Eyes  
dextral)
- Genus : *Brachypleura*  
Gunther, 1862  
*Brachypleura movae*  
*zelandiae* Gunther -M
- Family : Paralichthyidae
- Genus : *Pseudorhombus*  
Bleeker, 1862  
*Pseudorhombus duplo-*  
*cellatus* Regan -M  
*Pseudorhombus trio-*  
*cellatus* (Bloch) -M  
*Pseudorhombus mala-*  
*yanus* Bleeker, -E&M  
*Pseudorhombus arsius*  
(Hamilton-Buchanan)  
-E&M  
*Pseudorhombus elevatus*  
Ogilby -E&M
- Family : Bothidae (Eyes  
sinistral)
- Genus : *Bothus* Rafinesque,  
1810  
*Bothus myriaster*  
(Temminck & Sch-  
legel) -M
- Genus : *Engyprosopon*  
Gunther, 1862

- Engyprosopon grandisquama* (Schlegel) -M  
 Genus : *Crossorhambus* Regan, 1920  
*Crossorhambus azureus* (Alcock) -M  
*Crossorhambus valde-rostratus* (Alcock) -M  
 Genus : *Grammatobothus* Norman, 1926  
*Grammatobothus polyo-phththalmus* (Bleeker) -M  
 Genus : *Laeops* Gunther, 1880  
*Laeops guentheri* Alcock -M  
*Laeops nigrescens* Lloyd -M  
 Family : Pleuronectidae (Eyes dextral)  
 Genus : *Samaris* Gray, 1831  
*Samaris cristatus* Gray -M  
 Suborder : Soleoidei  
 Family : Soleidae (Soles)  
 Genus : *Solea* Klein, 1775  
*Solea ovata* Richardson -M  
 Genus : *Euryglossa* Kaup, 1858  
*Euryglossa orientalis* (Bloch) -E & M  
 Genus : *Synaptura* Cantor, 1850  
*Synaptura albomaculata* Kaup -E & M  
*Synaptura commersoniana* (Lacepede) -E & M  
 Genus : *Zebrias* Jordan & Snyder, 1900  
*Zebrias synapturoides* (Jenkins) -M  
*Zebrias quagga* (Kaup) -M  
*Zebrias altipinnis* (Alcock) -M  
 Genus : *Aesopia* Kaup, 1858  
*Aesopia cornuta* Kaup -M  
 Genus : *Pardachirus* Gunther, 1862  
*Pardachirus pavoninus* (Lacepede) -M  
 Genus : *Aseraggodes* Kaup, 1858  
*Aseraggodes cyaneus* (Alcock) -M  
 Genus : *Heteromycteris* Kaup, 1858  
*Heteromycteris oculus* (Alcock) -M  
 Family : Cynoglossidae (Tongue soles)  
 Genus : *Cynoglossus* Hamilton - Buchanan, 1822  
*Cynoglossus arel* (Bloch & Schneider) -M  
*Cynoglossus puncticeps* (Richardson) -E&M  
*Cynoglossus semifasciatus* Day -M  
*Cynoglossus monopus* (Bleeker) -M  
*Cynoglossus lida* (Bleeker) -E & M  
 Genus : *Paraplagusia* Bleeker, 1866  
*Paraplagusia bilineata* (Bloch) -M  
 Order : TETRAODONTIFORMES  
 Family : Triacanthidae (Triple spines)  
 Genus : *Triacanthus* Oken, 1817  
*Triacanthus brevirostris* Schlegel -M  
 Genus : *Pseudotriacanthus* Fraser-Brunner, 1941  
*Pseudotriacanthus strigilifer* (Cantor) -M  
 Family : Balistidae (Triggerfishes & Filefishes)  
 Genus : *Balistus* L., 1758  
*Balistus maculatus* (Bloch) -M  
 Genus : *Odonus* Gistel, 1848  
*Odonus niger* (Ruppell) -M

- Family : Monacanthidae (Filefishes)
- Genus : *Alutera* Cuvier, 1817  
*Alutera scripta* (Osh) -M
- Genus : *Acreichthys*  
*Acreichthys tomentosus* (L) -M
- Genus : *Monocanthus* Cuvier, 1817  
*Monocanthus choirocephalus* (Bleeker) -M
- Genus : *Anacanthus* Gray, 1833  
*Anacanthus barbatus* (Gray) -M
- Family : Ostraciontidae (Boxfishes)
- Genus : *Lactoria* Jordan & Fowler, 1902  
*Lactoria cornuta* (L) -M
- Genus : *Tetrosomus* Swainson, 1839  
*Tetrosomus gibbosus* (L) -M
- Genus : *Rhynchostracion* Fraser-Brunner, 1935  
*Rhynchostracion nasus* (Bloch) -M
- Suborder : Tetraodontoidei
- Family : Tetraodontidae (Puffers)
- Genus : *Arothron* Muller, 1839  
*Arothron leopardus* (Day) -M  
*Arothron reticularis* (Bloch) -M  
*Arothron acrostaticus* (Jenyns) -M
- Genus : *Gastrophysus* Muller, 1843  
*Gastrophysus luneris* (Bloch) -E&M
- Genus : *Canthigaster* Swainson, 1839  
*Canthigaster margaritatus* (Ruppell) -M
- Family : Diodontidae (Porcupinefishes)

- Genus : *Diodon* L, 1758  
*Diodon hystrix* L -M

## DISCUSSION

A special feature of the Ichthyofauna of Porto Novo coastal waters is the large variety (number of species) of fishes represented as is common in tropics. This is due to the variety of ecological niches and the highly productive nature of the Vellar—Coleroon estuarine system.

So far 410 species of fishes have been recorded from the Vellar estuary and the surrounding coastal waters of Porto Novo of which 275 species are marine (observed regularly from the commercial catches collected by a variety of gears and crafts from the inshore waters).

Eightythree species are euryhaline, capable of tolerating considerable variations in salinity and their young ones could be collected only from the Vellar estuary throughout the year. Similarly adults of some 42 species of fishes could be collected only from the estuarine region. The occurrence of some freshwater fishes in the estuary is to some extent determined by the floods occurring during the southeast monsoon period (November-December).

## ACKNOWLEDGEMENTS

We wish to record our sincere thanks to Dr. P. K. Talwar, Superintending Zoologist, Zoological Survey of India, Calcutta for his valuable suggestions, for determining the correct scientific names of fishes and for the critical reading of the manuscript. The help rendered by Dr. P. Devadoss,

Dr A. Sivakumar, Dr. Edwin Chandrasekar, Dr. R. R. Nanda, Dr. V. K. Venkataramani, Dr. N. Jayabalan, Dr. A. Passoupathy, Dr. S. Reddy and Dr N. Ramanathan of the Centre of Advanced Study in Marine Biology in listing the species of Elasmobranchs, Engraulids, Arrids, Synodids, Carangids, Leiognathids, Sciaenids, Mugilids and Pleuronectiformes respectively is gratefully acknowledged.

## LITERATURE CITED

- DAY, F., 1878-1889. *The fishes of India*. 1 : xx, 778 pp., 2 : 195 Pls. Reprinted 1958 by William Dawson & Sons Ltd., London.
- JACOB, J., 1961., Scientific and Tamil names of the Estuarine and Marine fishes of Porto Novo. *J. Ann. Uni.* 22 : 1 - 32
- NELSON, J. S., 1976. *Fishes of the World*. A Wiley Interscience Publication 416 pp
- PARIMALA, S AND V. RAMAIYAN, 1980. On the biology of gizzard shad *Nematalosa nasus* (Bloch) (Pisces : Dorosomatinae) from Porto Novo waters. *Matsya* No. 6 : 43-48.
- RAMAIYAN, V. AND R. NATARAJAN, 1975. Studies on the Taxonomy of the Indian shad *Ilisha* Richardson, 1846. *Bull. Dept. Mar. Sci. Univ. Cochin* VII (4) : 953-963
- RAMAIYAN, V. AND R. NATARAJAN, 1979. Systematic revision of the Indian species of *Ilisha* Richardson, 1846 (Pisces: Clupeiformes) *Proc. Indian natn. Sci. Acad. B.* 46 No. 1 : 8-22
- RAMAIYAN, V. AND A. L. PAULPANDIAN, 1976. Bio-chemical studies on the fishes of the Order : Clupeiformes. *J. mar. biol. Ass. India*, 18 (3) : 516-524
- RAMAIYAN, V. AND P. J. P. Whitehead. 1975. Notes on the Indian species of *Ilisha* Richardson, (Pisces: Clupeidae). *J. mar. biol. Ass. India* 17(1) : 187-198.