

Penaeus monodon

Giant Tiger Prawn



Scientific classification

Kingdom: [Animalia](#)
Phylum: [Arthropoda](#)
Subphylum: [Crustacea](#)
Class: [Malacostraca](#)
Order: [Decapoda](#)
Suborder: [Dendrobranchiata](#)
Family: [Penaeidae](#)
Genus: [Penaeus](#)
Species: ***P. monodon***

Binomial name

Penaeus monodon
[Fabricius](#), 1798

Synonyms ^[1]

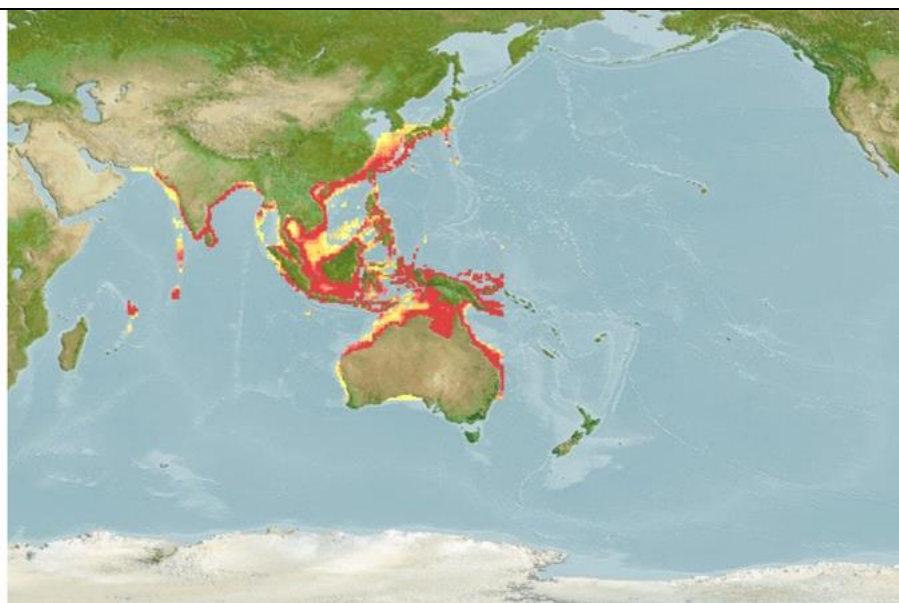
- *Penaeus carinatus* Dana, 1852
- *Penaeus tahitensis* Heller, 1862
- *Penaeus coeruleus* Stebbing, 1905
- *Penaeus bubulus* Kubo, 1949

A. Environment/Ecology:

Environment

Benthic; depth range 0 - 150 m (Ref. [10](#)), usually ? - 60 m (Ref. [10](#)). Tropical; 17°C - 38°C (Ref. [72772](#)), preferred 24°C (Ref. [107945](#)); 36°N - 33°S, 55°E - 154°E

B. Distribution:



Note: Distribution range colours indicate degree of suitability of habitat which can be interpreted as probabilities of occurrence.

***Penaeus monodon* was reported from 45 countries/islands**

Present in 45 countries/islands (endemic, native, introduced)

Continent	Country	Country Code	Occurrence	Main Ref.
Africa	Cote d'Ivoire	CIV	introduced	74657
Africa	Gambia	GMB	introduced	74657
Africa	Guinea	GIN	introduced	74657
Africa	Guinea-Bissau	GNB	introduced	74657
Africa	Kenya	KEN	introduced	74657
Africa	Madagascar	MDG	introduced	8
Africa	Mauritius	MUS	native	75620
Africa	Réunion	REU	native	75620
Africa	Senegal	SEN	introduced	74657
Africa	Somalia	SOM	native	8
Africa	Tanzania	TZA	introduced	74657
Asia	Bangladesh	BGD	native	8
Asia	Cambodia	KHM	native	84689
Asia	China	CHN	native	75620
Asia	Cyprus	CYP	introduced	74657
Asia	Hong Kong	HKG	native	75620
Asia	India	IND	native	8

Asia	Indonesia	IDN	native 	8
Asia	Iran	IRN	introduced 	74657
Asia	Japan	JPN	native 	8
Asia	Korea (North)	PRK	native 	75620
Asia	Korea (South)	KOR	native 	75620
Asia	Malaysia	MYS	native 	75620
Asia	Pakistan	PAK	native 	8
Asia	Philippines	PHL	native 	8
Asia	Singapore	SGP	native 	8
Asia	Sri Lanka	LKA	native 	75620
Asia	Taiwan	TWN	native 	8
Asia	Thailand	THA	native 	8
Europe	Italy	ITA	introduced 	74657
North America	Dominican Rp	DOM	introduced 	74657
North America	Mexico	MEX	introduced 	74657
North America	Panama	PAN	introduced 	74657
North America	USA	USA	introduced 	8125
Oceania	Australia	AUS	native 	8
Oceania	Fiji	FJI	introduced 	75620
Oceania	French Polynesia	PYF	introduced 	75706
Oceania	Guam	GUM	introduced 	74657
Oceania	Hawaii	HWI	introduced 	74657
Oceania	New Caledonia	NCL	native 	96697
Oceania	Papua New Guinea	PNG	native 	8
Oceania	Samoa	WSM	introduced 	74657
Oceania	Solomon Is.	SLB	introduced 	74657
Oceania	Tahiti	TIT	introduced 	75706
South America	Brazil	BRA	introduced 	74657

Ecosystems where *Penaeus monodon* occurs

n = 66

Ecosystem	Type	Status	Ref.
Arabian Sea	Sea/Bay/Gulf	native	8

Arnhem Coast to Gulf of Carpentaria	Sea/Bay/Gulf	native	8
Atlantic Ocean	Sea/Bay/Gulf	introduced	97531
Calauag Bay	Sea/Bay/Gulf	native	10
Carigara Bay	Sea/Bay/Gulf	native	10
Central Indo-Pacific	sea/bay/gulf	native	8
Central Polynesia	sea/bay/gulf	introduced	74657
Cold Temperate Northeast Pacific	sea/bay/gulf	introduced	8125
Cold Temperate Northwest Pacific	sea/bay/gulf	native	75927
Davao Gulf	Sea/Bay/Gulf	native	10
East African Coral Coast	Sea/Bay/Gulf	introduced	74657
East China Sea	Sea/Bay/Gulf	native	75927
Eastern Coral Triangle	sea/bay/gulf	introduced	74657
Eastern Indo-Pacific	sea/bay/gulf	introduced	75706
Eastern Philippines	Sea/Bay/Gulf	native	8
Fiji Islands	Sea/Bay/Gulf	introduced	75620
Greater Antilles	Sea/Bay/Gulf	introduced	74657
Gulf of Guinea	sea/bay/gulf	introduced	74657
Gulf of Guinea Upwelling	Sea/Bay/Gulf	introduced	74657
Gulf of Guinea West	Sea/Bay/Gulf	introduced	74657
Gulf of Mexico	Sea/Bay/Gulf	introduced	97531
Hawaii	Sea/Bay/Gulf	introduced	74657
Hawaii - province	Sea/Bay/Gulf	introduced	74657
Indian Ocean	Sea/Bay/Gulf	native	8
Lagonoy Gulf	Sea/Bay/Gulf	native	10
Lingayen Gulf	Sea/Bay/Gulf	native	10
Manila Bay	Sea/Bay/Gulf	native	10
New Caledonia	Sea/Bay/Gulf	native	96697
Northern Bay of Bengal	Sea/Bay/Gulf	native	8
Ormoc Bay	Sea/Bay/Gulf	native	10
Pacific Ocean	Sea/Bay/Gulf	native	8
Palawan/North Borneo	Sea/Bay/Gulf	native	8
Panguil Bay	Sea/Bay/Gulf	native	10
Red Sea	Sea/Bay/Gulf	native	75620
Red Sea and Gulf of Aden	sea/bay/gulf	native	75620
Sahelian Upwelling	Sea/Bay/Gulf	introduced	74657
Samoa Islands	Sea/Bay/Gulf	introduced	74657
San Miguel Bay	Sea/Bay/Gulf	native	10
Society Islands	Sea/Bay/Gulf	native	75706
Solomon Archipelago	Sea/Bay/Gulf	introduced	74657
Somali/Arabian	sea/bay/gulf	introduced	74657
Sorsogon Bay	Sea/Bay/Gulf	native	10
South China Sea	Sea/Bay/Gulf	native	8
South India and Sri Lanka	Sea/Bay/Gulf	native	8
Southeast Polynesia	sea/bay/gulf	introduced	75706

Southern China	Sea/Bay/Gulf	native	8
Southern Palawan	Sea/Bay/Gulf	native	8
Southwestern Caribbean	Sea/Bay/Gulf	introduced	74657
Sulu-Celebes Sea	Sea/Bay/Gulf	native	10
Sunda Shelf	sea/bay/gulf	native	84689
Tahiti I.	Sea/Bay/Gulf	introduced	75706
Tayabas Bay	Sea/Bay/Gulf	native	10
Temperate Australasia	sea/bay/gulf	native	149
Temperate Northern Pacific	sea/bay/gulf	native	75927
Tropical Atlantic	sea/bay/gulf	introduced	74657
Tropical East Pacific	sea/bay/gulf	introduced	74657
Tropical Northwestern Pacific	sea/bay/gulf	introduced	74657
Tropical Southwestern Pacific	sea/bay/gulf	introduced	75620
Visayan Sea	Sea/Bay/Gulf	native	10
West African Transition	sea/bay/gulf	introduced	74657
West and South Indian Shelf	sea/bay/gulf	native	116140
Western Coral Triangle	sea/bay/gulf	native	8
Western India	Sea/Bay/Gulf	native	116140
Western Indian Ocean	sea/bay/gulf	introduced	74657
Western Indo-Pacific	sea/bay/gulf	native	8
Yellow Sea	Sea/Bay/Gulf	native	75927

Distribution

Indo-Pacific: From Pakistan to Japan, the Malay Archipelago and Australia. Introduced in the Atlantic Ocean (Africa and USA). Tropical to temperate.

Invasive species

The first occurrence of Asian tiger shrimp in the U.S. was in November 1988. Close to 300 shrimp were captured off the South Eastern shore after an accidental release from an aquaculture facility. This species can now be caught in waters from Texas to North Carolina. Although the Giant Tiger prawn has been an invasive species for many years, they have yet to grow large established populations. However, escapes in other parts of the world have led to established black tiger shrimp populations. Areas such as West Africa, Brazil, and the Caribbean have established populations of *P. monodon*.

C. Length at first maturity / Size / Weight / Age:

Maturity: L_m [?](#), range 4 - 4.22 cm

Max length : 33.6 cm TL male/unsexed; (Ref. [8](#)); max. published weight: 250.00 g (Ref. [116487](#))

Maximum total length 336 mm. Weight 60 to 130 g

D. Short description

Uniformly glabrous body; carapace with well-developed antennal and hepatic spines. Horizontal and straight hepatic carina. Rostrum armed with 7 or 8 dorsal and 3 ventral teeth. Color: body is reddish with darker bands. Brown to blue pleopods and reddish fringing setae.

E. Biology

Caught by pond fishing and inshore fishing. Considered a delicacy in the Philippines that in 1980, retail price was Php60 to 80 (US\$8.6 to 11.5)/kg in Manila and Php50 to 70 in local areas (Ref. [10](#)). Juveniles are found in estuarine environments (Ref. [8](#)). Enters shallow brackish water or kept in ponds (Ref. [374](#)). Less of a scavenger; mainly a predator of slow moving benthic macroinvertebrates like small crabs and molluscs. Also capable of capturing more mobile forms like small penaeids and fishes (Ref. [102664](#)). Members of the order Decapoda are mostly gonochoric. Mating behavior: Precopulatory courtship ritual is common (through olfactory and tactile cues); usually indirect sperm transfer (Ref. [833](#)).

F. Life cycle and mating behavior

Members of the order Decapoda are mostly gonochoric. Mating behavior: Precopulatory courtship ritual is common (through olfactory and tactile cues); usually indirect sperm transfer.

G. Fisheries

Fisheries

In S.E. and E. Africa (Natal to Somalia, including Madagascar) the species is of minor or moderate commercial importance, it is used for bait and food. In Pakistan it is likewise of minor importance. Jones (1967:1333) indicated that it is more common in prawn catches on the east coast of India than on the west coast. According to Chopra (1939:222) "This is the commonest largesized penaeid of Calcutta, and is sold in our markets in enormous quantities". Kurian & Sebastian (1976:100) cited it as an important commercial species in India, especially on the east coast (Bengal and Orissa); juveniles being caught in estuaries. Also in Bangladesh it is of considerable commercial importance. In Malaya and Thailand *Penaeus monodon* is fished in offshore waters. It is obtained both by pond fishing and inshore fishing in Malaya, Singapore, Indonesia, the Philippines and Taiwan; because of its large size the species is quite important economically. Domantay (1956:363) indicated that "among the commercially important prawns in the Philippines, *Penaeus monodon* Fabricius stands foremost". In Japan and Korea it seems to be of minor importance; Yoshida (1941) remarked that it was sold on the Fusan market in Korea. Also in Australia the species is of commercial interest: Harrison, Kesteven & Setter (1965:8) listed it among the commercial species of the Gulf of Carpentaria, while Racek (1957:12) mentioned it as the last of the six most important species of New South Wales, and as the fourth in importance of the species taken in offshore waters of Queensland. Rapson & McIntosh (1971:17) reported it as constituting about 7% of the commercial catches in New Guinea (mainly in the Gulf of Papua).

Aquaculture

Penaeus monodon is the second-most widely cultured prawn species in the world, after only [whiteleg shrimp](#), *Litopenaeus vannamei*. In 2009, 770,000 [tonnes](#) were produced, with a total value of [US\\$3,650,000,000](#). *P. monodon* makes up nearly fifty percent of cultured shrimp alone.

The Tiger prawn is popular to culture because of its tolerance to salinity and very quick growth rate. However, they are very vulnerable to fungal, viral, and bacterial infections. Diseases such as white-spot baculovirus and yellow-head virus have led to a great economic impact in shrimp industries around the globe. They can receive transmitted diseases from other crustaceans such as the [Australian red claw crayfish](#) (*Cherax quadricarinatus*). The Red claw crayfish is susceptible to the yellow head virus and has shown to transmit it to the Black tiger prawn in places like Thailand.

P. monodon has been farmed throughout the world including areas such as West Africa, Hawaii, Tahiti and England. For optimal growth, *P. monodon* is raised in waters between 28°C and 33°C.

Characteristically for the *Penaeus* genus, *P. monodon* has a natural ability to survive and grow in a wide range of salinity. Optimal salinity for the prawn is around 15-25 ppt. Naturally *P. monodon* feed on mollusks, crustaceans, and polychaete worms. While in a farm setting the shrimp are typically feed a compound diet which is produced in dried pellets. By mixing the diet to have compound feeds and fresh feed the Black tiger shrimp showed to have better reproductive performance.

H. IUCN Red List Status

Not Evaluated

I. More Information:

1) Stocks

???

2) Ecology

Ecology of *Penaeus monodon*

Main Ref.	Holthuis, L.B., 1980		
distribution	Marine - Neritic <ul style="list-style-type: none"> • supra-littoral zone • littoral zone • sublittoral zone 	Marine - Oceanic <ul style="list-style-type: none"> • epipelagic • mesopelagic • epipelagic abyssopelagic • hadopelagic 	Brackishwater <ul style="list-style-type: none"> • estuaries/lagoons/brackish seas • mangroves • marshes/swamps
			Freshwater <ul style="list-style-type: none"> • rivers/streams • lakes/ponds • caves • exclusively in caves
	Highlighted items on the list are where <i>Penaeus monodon</i> may be found.		
Remarks	Juveniles are found in estuarine environments (Ref. 8). Enters shallow brackish water or kept in ponds (Ref. 374). Less of a scavenger; mainly a predator of slow moving benthic macroinvertebrates like small crabs and molluscs. Also capable of capturing more mobile forms like small penaeids and fishes (Ref. 102664).		

Substrate

Substrate	Benthic: mobile; demersal; Soft Bottom: sand; mud;
Substrate Ref.	Holthuis, L.B., 1980
Special habitats	
Special habitats Ref.	

Associations

Ref.	Holthuis, L.B., 1980
associations	
Associated with	
Association remarks	

Parasitism	
-------------------	--

3) Diet

Feeding						
feeding type	plants/detritus+animals (troph. 2.2-2.79)					
feeding type ref	Marte, C.L., 1980					
feeding habit	hunting macrofauna (predator)					
feeding habit ref						
trophic level(s)		original sample		unfished population		Remark
estimation method		Troph	s.e.	Troph	s.e.	
From diet composition						
Ref.						
From individual food items		3.36	0.35			Trophic level estimated from a number of food items using a randomized resampling routine.

4) Reproduction

Reproduction of <i>Penaeus monodon</i>	
Main Ref.	Ruppert, E.E., R.S. Fox and R.D. Barnes, 2004
Mode	dioecism
Fertilization	
Spawning Frequency	
Batch Spawner	No
Reproductive Guild	bearers External brooders
Description of life cycle and mating behavior	Members of the order Decapoda are mostly gonochoric. Mating behavior: Precopulatory courtship ritual is common (through olfactory and tactile cues); usually indirect sperm transfer.
Search for more references on reproduction	Scirus

5) Maturity

Maturity studies for <i>Penaeus monodon</i>							
n = 2							
Lm (cm)	Length (cm)		Age range (y)	tm (y)	Sex of fish	Country	Locality
	3.6	-	4.2	-	female	Tanzania	Ruvu estuary, Bagamoyo/ 1988
	3.1	-	3.5	-	male	Tanzania	Ruvu estuary, Bagamoyo/ 1988

6) Spawning

???

7) Spawning aggregation

???

8) Fecundity

Fecundity for <i>Penaeus monodon</i>									
n = 2									
Country	Locality	Absolute Fecundity			Relative Fecundity			Fecundity/length relationship	
		Min	Max	Mean	Min	Max	Mean	a	b
India	Andhra Pradesh	323,007	1,072,174	0					
Tanzania	Bagamoyo	72,000	314,000	0					

9) Eggs

??

10) Egg development

??

11) Age/Size

List of Population Characteristics records for <i>Penaeus monodon</i>					
n = 6					
Sex	Wmax	Lmax (cm)	Tmax (y)	Country	Locality
unsexed	240.00 g			Philippines	Unspecified, Philippines
unsexed		25.8		India	Digha/ 2012-2013
male		26.8			Eastern Central Atlantic
unsexed		29.5		India	Andhra Pradesh/ 2011-2012
unsexed		33.6			Not specified
female		35			Eastern Central Atlantic

12) Growth

Growth parameters for <i>Penaeus monodon</i>												
Maximum Length 33.599984741211cm TL												
n = 5 Note that studies where Loo is very different (+/- 1/3) from Lmax are doubtful.												
<u>Auximetric graph</u>	[n = 4]											
<u>M vs K graph</u>	[n = 5]											
<u>M vs Linf graph</u>	[n = 5]											
$\phi = 3.20$												
L inf = 30.5 cm TL												
K = 1.7												
Median record no. 3												
Ref. 7676												
Loo (cm)	Length Type	K (1/y)	to	Sex	M (1/y)	Temp° C	Lm	ϕ'	Country	Locality	Questionable	Captive
28.80	TL	1.200		M	2.03			3.00	Bangladesh	Unspecified	No	No
30.00	TL	0.940		M	1.72			2.93	Bangladesh	Unspecified	No	No
30.50	TL	1.700		F	2.51			3.20	Bangladesh	Unspecified	No	No
32.10	TL	0.970		F	1.72			3.00	Bangladesh	Unspecified	No	No
35.00	TL	0.350			0.90			2.63	Philippines			

13) Length-weight

Length-Weight Parameters for <i>Penaeus monodon</i>									
Length-Weight Parameters for <i>Penaeus monodon</i>									
<u>Length-weight (a vs b) graph</u>		[n=24]		Median Record No. 13 a = 0.0186 cm BL b = 2.9107 Ref. 117291					
a	b	Doubtful?	Sex	Length (cm)	Length type	No.	Country	Locality	
0.0055	2.102	Yes	male		TL	11	Nigeria	Iko River estuary / 2011-2012	
0.7510	2.299	No	female	6.5 - 17.7	TL	327	Tanzania	Ruvu estuary, Bagamoyo / 1998-1998	
0.0418	2.432	No	female	9.5 - 16.0	TL	497	India	Pichavaram mangroves / 2007-2007	
0.0360	2.485	No	mixed	9.2 - 16.0	TL	985	India	Pichavaram mangroves / 2007-2007	
0.0292	2.568	No	male	9.2 - 16.0	TL	488	India	Pichavaram mangroves / 2007-2007	
0.0037	2.597	No	mixed		TL	16	Nigeria	Iko River estuary / 2011-2012	
0.0237	2.675	No	male		TL	117	USA	western Atlantic and Gulf of Mexico / 2009-2012	
0.0256	2.764	No	female	6.1 - 12.6	BL	202	China	Sanya coast	

0.0239	2.789	No	mixed	6.1 - 12.6	BL	412	China	Sanya coast
0.0234	2.795	No	female	4.2 - 12.2	BL	168	Mozambique	Mozambique Channel
0.0230	2.803	No	male	6.1 - 12.0	BL	210	China	Sanya coast
0.0506	2.851	No	mixed	4.2 - 12.2	BL	358	Mozambique	Mozambique Channel
0.0186	2.911	No	male	4.2 - 11.9	BL	190	Mozambique	Mozambique Channel
0.0523	2.940	No	juvenile		TL		India	Cultured pond
0.0080	3.000	No	unsexed		TL			Unspecified
0.0062	3.016	No	female	11.1 - 18.9	TL		Sri Lanka	Kakkaithivu, Jaffna estuary / 2010-2011
0.0077	3.040	No	mixed	15.0 - 25.0	TL		USA	western Atlantic and Gulf of Mexico / 2009-2012
0.0054	3.075	No	male	9.6 - 16.4	TL		Sri Lanka	Kakkaithivu, Jaffna estuary / 2010-2011
0.0063	3.093	No	female		TL	5	Nigeria	Iko River estuary / 2011-2012
0.9150	3.106	No	male	7.5 - 16.8	TL	302	Tanzania	Ruvu estuary, Bagamoyo / 1998-1998
0.0056	3.147	No	female		TL	80	USA	western Atlantic and Gulf of Mexico / 2009-2012
0.0620	3.190	No	female		TL		India	Kakinada / 1980-1983
0.0039	3.218	No	mixed	9.6 - 18.9	TL		Sri Lanka	Kakkaithivu, Jaffna estuary / 2010-2011
0.0107	3.250	No	male		TL		India	Kakinada / 1980-1983

14) Length-length

??

15) Length-frequencies

??

16) Morphometrics

??

17) Morphology

??

18) Larvae

??

19) Recruitment

??

20) Abundance

??

References

1. Holthuis, L.B. 1980 FAO Species Catalogue. Vol. 1. Shrimps and prawns of the world. An annotated catalogue of species of interest to fisheries. FAO Fish. Synop. 125(1):271 p. Rome: FAO.
2. del Mundo, C.M. 2000 Philippine decapod crustacea. An illustrated handbook on the commercially important decapod crustacea of the Philippines. Fisheries Resources Evaluation and Environmental Services Division, Bureau of Fisheries and Aquatic Resources. Quezon City, Philippines. 83 p.
3. Bisby, F.A., M.A. Ruggiero, K.L. Wilson, M. Cachuela-Palacio, S.W. Kimani, Y.R. Roskov, A. Soulier-Perkins and J. van Hertum 2005 Species 2000 & ITIS Catalogue of Life: 2005 Annual Checklist. CD-ROM; Species 2000: Reading, U.K.
4. Kurian, C.V. and V.O. Sebastian 1976 Prawns and prawn fisheries in India. Delhi. Hindustan Publishing Corporation. 208 p.
5. Yoshida, H. 1941 Important marine shrimps and lobsters of Tyôsen (Korea). Bull. Fish. Exp. (Stn. Tyôsen) (7):1-36.
6. Racek, A.A. 1957 Penaeid prawn fisheries of Australia with special reference to New South Wales. Research Bulletin of the State Fisheries of New South Wales (3):1-19.
7. Harrison, G.G.T., G.L. Kesteven and C.G. Setter 1965 Gulf of Carpentaria prawn survey committee progress report to 30th June, 1964. Fish. Notes Dep. Harb. Mar. Queensl., 2(1):1-22.
8. Domantay, J.S. 1956 Prawn fisheries of the Philippines. Proc. IPFC. 6:362-6.
9. Carpenter, K.E. and V.H. Niem 1998 FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 2. Cephalopods, crustaceans, holothurians and sharks. Rome, FAO. Pp. 687-1396.
10. SAUP Database 2006 SAUP Database. www.seararoundus.org.
11. Motoh, H. 1980 Field guide for the edible crustacea of the Philippines. Southeast Asian Fisheries Development Center (SEAFDEC). Aquaculture Department, Iloilo, Philippines.
12. Chan, T.Y. 1998 Shrimps and prawns. 851-971. In Carpenter, K.E. and V.H.Niem (eds). FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 2. Cephalopods, crustaceans, holothurians and sharks. Rome, FAO. 687-1396.
13. Pauly, D., V. Sambilay Jr. and S. Opitz 1993 Estimates of relative food consumption by fish and invertebrate populations, required for modelling the Bolinao reef ecosystem, Philippines. p. 236-251. In V. Christensen and D. Pauly (eds.) Trophic Models of Aquatic Ecosystems. ICLARM Conference Proceedings 26. ICLARM Conf. Proc. 26, 390p.
14. Ruppert, E.E., R.S. Fox and R.D. Barnes 2004 Invertebrate Zoology. A functional evolutionary approach. 7th Ed. Brooks/Cole, Thomson Learning learning, Inc. 990 p.
15. Pauly, D., J. Ingles and R. Neal 1984 Application to shrimp stocks of objective methods for the estimation of growth, mortality and recruitment-related parameters from length-frequency data (ELEFAN 1 and 2). p. 220-234. In Gulland, J.A. and B.J. Rothschild (eds.) Penaeid shrimps - their biology and management. Fishing News Books, Farnham, England.
16. Unar, M. and N.N. Noamin 1984 A review of the Indonesian shrimp fisheries and their management. In Gulland, J.A. and B.J. Rothschild (eds.) Workshop on the Scientific Basis for the Management of Penaeid Shrimp. Key West, Florida, USA.
17. Chou, W-R., S-H. Lai and L-S. Fang 1999 Benthic crustacean communities in waters of southwestern Taiwan and their relationships to environmental characteristics. Acta Zoologica 10(1):25-33.
18. Mustafa, M.G. 2003 Trophic model of the coastal ecosystem in the waters of Bangladesh, Bay of Bengal. p. 263-280. In Silvestre, G., L. Garces, I. Stobutzki, M. Ahmed, R.A. Valmonte-Santos, C. Luna,

- L. Lachica-Aliño, P. Munro, V. Christensen and D. Pauly (Eds.) Assessment, Management and Future Directions of Coastal Fisheries in Asian Countries. WorldFish Center Conference Proceedings.
19. Benson, A.J., P.L. Fuller and C.C. Jacono 2001 Summary Report of Ninindigenous Aquatic Species in U.S. Fish and Wildlife Service Region 4. U.S. Geological Survey Florida Caribbean Science Center.
 20. Warfel, E. and P.R. Manacop 1950 Otter trawl explorations in Philippine waters. Research Report 25, Fish and Wildlife Service, U.S. Dept. Int., Washington, D.C.
 21. Silvestre, G. and D. Pauly (eds.) 1997 Status and management of tropical coastal fisheries in Asia. Workshop on Sustainable Exploitation of Tropical Coastal Fish Stocks in Asia, Manila, Philippines, 2-5 July 1996. ICLARM Conf. Proc. 53:208p.
 22. Mustafa, M.G. 1999 Population dynamics of penaeid shrimps and demersal finfishes from trawl fishery in the Bay of Bengal and implication for the management. PhD thesis, University of Dhaka, Bangladesh. 223 p.
 23. Mustafa, M.G. and M.G. Khan 1993 The bottom trawl fishery. Studies of Interactive Mar. Fish. Bangladesh, BOBP/89,106p.
 24. Motoh, H. 1980 Field guide for the edible crustacea of the Philippines. Southeast Asian Fisheries Development Center (SEAFDEC). Aquaculture Department, Iloilo, Philippines.
 25. Fofonoff, P.W., G.M. Ruiz, B. Steves, A.H. Hines and J.T. Carlton 2003 National Exotic Marine and Estuarine Species Information System. <http://invasions.si.edu/nemesis>
 26. Bartley, D.M. (comp./ed.) 2006 Introduced species in fisheries and aquaculture: information for responsible use and control (CD-ROM). Rome, FAO.
 27. Pérez Farfante, I. and B. Kensley 1997 Penaeoid and Sergestoid shrimps and prawns of the world: keys and diagnoses for the families and genera. Mémoires du Muséum National d'Histoire Naturelle 175:1-233.
 28. Poupin, J. 1998 Crustacea Decapoda and Stomatopoda of French Polynesia. Atoll Research Bulletin 451:62 p.
 29. Zheng, Y., X. Chen, J. Chen, Y. Wang, X. Shen, W. Chen and C. Li 2003 Biological resources and the environment in East China Sea. Scientific Technology Publishing of Shanghai, 835 p.
 30. FAO-FIES 2007 Aquatic Sciences and Fisheries Information System (ASFIS) species list. Retrieved from <http://www.fao.org/fishery/collection/asfis/1/en>, [accessed 03/07/2008].
 31. Fabricius, J.C. 1798 Supplementum Entomologiae Systematicae. Hafniae. 572 p.
 32. Estampador, E.P. 1959 Revised list of Philippine crustacean decapods. Nat. Appl. Sci. Bull. 17:1-125.
 33. Hong, S.Y., K.Y. Park, C.W. Park, C.H. Han, H.L. Suh, S.G. Yun, C.B. Song, S.G. Jo, H.S. Lim, Y.S. Kang, D.J. Kim, C.W. Ma, M.H. Son, H.K. Cha, K.B. Kim, S.D. Choi, K.Y. Park, C.W. Oh, D.N. Kim, H.S. Shon, J.N. Kim et al. 2006 Marine invertebrates in Korean coasts. Republic of Korea, Academy Publishing Company, Inc. 479 p.
 34. Yambao, A.C., A.T. White, W.E. Ablong and M.R. Alcala 2001 Coastal environmental profile of Negros Oriental, Philippines. Cebu City : Coastal Resource Management Project of the Dept. of Environment and Natural Resources, xii, 107 p. : ill. (some col.), maps (some col.) ; 28 cm.
 35. Chullasorn, S. and P. Martosubroto 1986 Distribution and important biological features of coastal fish resources in Southeast Asia. FAO Fisheries Technical Paper 278, 84 p.
 36. Ministry of Fisheries and Aquatic Resources 2010 Major marine fish types by commercial group. <http://www.fisheries.gov.lk>.
 37. Dwiponggo, A. 1987 Indonesia's marine fisheries resources. In Bailey, C., Dwiponggo, A., Marahudin, F. (eds). Indonesian marine capture fisheries. ICLARM Studies and Reviews 10. Manila, Philippines, Directorate General of Fisheries, and Marine Fisheries Research Institute, Ministry of Agriculture, Jakarta, Indonesia. 196 p.
 38. McBride, M.M. 2012 Mozambique common species in capture fisheries. Personnal communication, as compiled by the author, 27 April 2012.
 39. FAO 1980 Report of the workshop on the biology and resources of penaeid shrimps in the South China Sea area - Part I. South China Sea Fisheries Development and Coordinating Programme, Manila, Philippines, October 1980.
 40. Anam, R. and E. Mostarda 2012 Field identification guide to the living marine resources of Kenya. FAO Species Identification Guide for Fishery Purposes, Rome: FAO, 357 p.
 41. CRUSTA 2012 Species from French Polynesia (Marquesas, Society, Austral, Tuamotu, Gambier). <http://crustiesfroverseas.free.fr/iles.php?ile=Polynes> [Accessed 21/07/2014].
 42. Radhakrishnan, E.V., V.D. Deshmukh, G. Maheswarudu, J. Josileen, A.P. Dineshababu, K.K. Philipose, P.T. Sarada, S.L. Pillal, K.N. Saleela, R. Chakraborty, G. Dash, C.K. Sajeev, P. Thirumilu, B. Sridhara, Y.

- Muniyappa, A.D. Sawant 2012 Prawn fauna (Crustacea: Decapoda) of India - An annotated checklist of the Penaeoid, Sergestoid, Stenopodid and Caridean prawns. *J. Mar. Biol. Ass. India*, 54 (1):50-72.
43. Crosnier, A. 2007 Peneides shrimps of New Caledonia. In Payri, C.E.; de Forges R.B. (eds) Compendium of marine species of New Caledonia. Doc. Sci. Tech. 117, 2nd edition, IRD Noumea, pp. 301-303.
 44. Khin, M.S and D.O. Stanley 2011 Fishery resources of the Wunbaik reserved mangrove forest. FAO-UN, Myanmar Publication 2011/04, 125p.
 45. Felder, D.L., F. Alvarez, J.W. Goy and R. Lemaitre 2009 Decapoda (Crustacea) of the Gulf of Mexico, with comments on the Amphionidacea. pp. 1019-1104 In Felder, D.L.; Camp, D.K. (eds.) Gulf of Mexico - Origins, Waters, and Biota. Biodiversity. Texas A&M University Press, College Station, Texas.
 46. Marte, C.L. 1980 The food and feeding habit of Penaeus Monodon Fabricius collected from Makato River, Aklan, Philippines (Decapoda Natantia). Crustaceana 38(3):225-236.
 47. Carpenter, K.E. and N. (eds) De Angelis 2014 The living marine resources of the Eastern Central Atlantic, Volume 1: Introduction, crustaceans, chitons and cephalopods. FAO Species Identification Guide for Fishery Purposes, Rome, FAO, pp.1-663.
 48. Lalitha Devi, S. 1987 Growth and population dynamics of three penaeid prawns in the trawling grounds off Kakinada. Indian Journal of Fisheries 34(2):245-264.
 49. Karbhari, J.P. 1982 Scientific, common and local names of commercially important marine fishes and shell fishes of Maharashtra and Gujarat coasts. Marine Fisheries Information Service, Technical and Extension Series, 44:18-23.
 50. Finlex Data Bank 2008 Maa- ja metsätalousministeriön asetus kalastus- ja vesiviljelytuotteiden sallituista kauppanimistä. <http://www.finlex.fi/fi/laki/alkup/2008/20080597> [Accessed 01/06/2016].
 51. Fødevarestyrelsen. 2012 Handelsnavne fisk version 2012. <http://www.foedevarestyrelsen.dk/SiteCollectionDocuments/25 PDF word filer%20til%20download/06kontor/Maerkning/Handelsnormer varestandarder/OEvrige produkter/Handelsnavne%20fisk%20version%202012.pdf> [Accessed 01/06/2015].
 52. Teikwa, E.D. and Y.D. Mgaya 2004 Abundance and reproductive biology of the penaeid prawns of Bagamoyo coastal waters, Tanzania. Western Indian Ocean Journal of Marine Science 2(2):117-125.
 53. Cheung, W.L., R. Watson and D. Pauly 2013 Signature of ocean warming in global fisheries catch. Nature 497:365-368.
 54. Akter, T., M.M. Hossain, R. Begum, P.P. Barman, P.K. Debnath and M.M. Islam 2015 Assortment and preservation of marine fishes of Bangladesh to set up a marine fish museum in the Faculty of Fisheries, Sylhet Agricultural University. pp 39-43 In Islam, A.F.M S.; Paul, S.; Shah, D. (eds) Proceedings of the annual workshop (July 2013 - June 2014), Sylhet Agricultural University Research System (SAURES), held on January 26, 2015, Sylhet Agricultural University, Sylhet, Bangladesh. SAU Res. Prog. Rep. 02.
 55. Brackish Aquaculture Information System 1988 Biology and culture of Penaeus monodon. Southeast Asian Fisheries Development Center, Tigbauan, Iloilo, Philippines.
 56. Macintosh, D. J., E. C. Ashton and V. Tansakul 2002 Utilisation and knowledge of biodiversity in the Ranong Biosphere Reserve, Thailand. ITCZM monograph series (7): 29.
 57. O'Connor, M., C. Hawkins and D. K. Loomis 2008 A manual of previously recorded non-indigenous invasive and native transplanted animal species of the Laurentian Great Lakes and coastal United States. NOAA Technical Memorandum NOS NCCOS 77, 82 pp.
 58. Silas, M.O. 2011 Review of the Tanzanian prawn fishery. Doctoral dissertation, University of Bergen Norway.
 59. Savaria, Y.D. 1994 Scientific, common and vernacular names of commercially important fin and shell fishes. 1. Gujarat. Marine Fisheries Information Service 134:1-4.
 60. Rao, C.V. 1991 Scientific, common and local names of commercially important edible marine fin and shell fishes from Andhra Pradesh. Marine Fisheries Information Service 108:1-10.
 61. Kolhe, S.S. and H.S. Mogalekar 2017 Decapod crustacean diversity of Ratnagiri coastal waters, Maharashtra, India. Journal of Entomology and Zoology Studies 5(3):370-372.
 62. FAO-FIES 2017 Aquatic Sciences and Fisheries Information System (ASFIS) species list. Retrieved from <http://www.fao.org/fishery/collection/asfis/en> (accessed 08/06/2017).
 63. CMFRI 2015 Annual report 2014-15. Central Marine Fisheries Institute, Cochin. 353 p.
 64. CMFRI 2014 Annual report 2013-2014. Central Marine Fisheries Research Institute, Cochin. 274 p.
 65. CMFRI 2012 Annual report 2011-2012. Central Marine Fisheries Research Institute, Cochin. 274 p.

66. SEAFDEC 1984 Important penaeid prawns/shrimps of the Philippines. SEAFDEC Aquaculture Department.
67. Gopalakrishnan, A., M. Rajkumar, M.M. Rahman, J. Sun, P.J. Antony and J.P. Trilles 2014 Length-weight relationship and condition factor of wild, grow-out and 'loose-shell affected' giant tiger shrimp, *Penaeus monodon* (Fabricius, 1798) (Decapoda: Penaeidae). J. Appl. Ichthyol. 30(1):251-253.
68. Fuller, P.L., D.M. Knott, P.R. Kingsley-Smith, J.A. Morris, C.A. Buckel, M.E. Hunter and L.D. Hartman 2014 Invasion of Asian tiger shrimp, *Penaeus monodon* Fabricius, 1798, in the western north Atlantic and Gulf of Mexico. Aquatic Invasions 9(1):59-70.
69. Piratheepa, S., U. Edrininghe and K. Chitravadivelu 2015 Investigation on length-weight relationship of *Penaeus monodon* (Fabricius, 1798) in Kakkaithevu coastal waters in the northern part of Sri Lanka. Tropical Agricultural Research 25(1):133-140.
70. Li, Y., F. Zhou, Z. Ma, J. Huang, S. Jiang, Q. Yang, T. Li and J. G. Qin 2016 Length-weight relationship and condition factor of giant tiger shrimp, *Penaeus monodon* (Fabricius, 1798) from four breeding families. SpringerPlus 5:1279.
71. Udoinyang, E.P., O. Amali, C.C. Iheukwumere and J.E. Ukpatu 2016 Length-weight relationship and condition factor of seven shrimp species in the artisanal shrimp fishery of Iko river estuary, southeastern Nigeria. International Journal of Fisheries and Aquatic Studies 2016 4(2):109-114.
72. Anil, P., S.K. Misra and S.N. Padhy 2016 Length-weight relationship and condition factor of black tiger shrimp, *Penaeus monodon* reared along with seaweed. Journal of Applied Zoological Researches 27(2):131-135.
73. Wakwabi, E.O. and J. Mees 1999 The epibenthos of the backwaters of a tropical mangrove creek (Tudor creek, Mombasa, Kenya). Netherlands journal of zoology 49(3):189-206.
74. Palomares, M.L.D., R. Froese, B. Derrick, S.-L. Nöel, G. Tsui, J. Woroniak and D. Pauly 2018 A preliminary global assessment of the status of exploited marine fish and invertebrate populations. A report prepared by the Sea Around Us for OCEANA. The University of British Columbia, Vancouver, p. 64.

Reference no.	Description	Year	Name used	Page
8	Holthuis, L.B. 1980 FAO Species Catalogue. Vol. 1. Shrimps and prawns of the world. An annotated catalogue of species of interest to fisheries. FAO Fish. Synop. 125(1):271 p. Rome: FAO.	1980	Penaeus monodon	50
10	del Mundo, C.M. 2000 Philippine decapod crustacea. An illustrated handbook on the commercially important decapod crustacea of the Philippines. Fisheries Resources Evaluation and Environmental Services Division, Bureau of Fisheries and Aquatic Resources. Quezon City, Philippines. 83 p.	2000	Penaeus monodon	13-14
19	Bisby, F.A., M.A. Ruggiero, K.L. Wilson, M. Cachueta-Palacio, S.W. Kimani, Y.R. Roskov, A. Soulier-Perkins and J. van Hertum 2005 Species 2000 & ITIS Catalogue of Life: 2005 Annual Checklist. CD-ROM; Species 2000: Reading, U.K.	2005	Penaeus monodon	-->
104	Kurian, C.V. and V.O. Sebastian 1976 Prawns and prawn fisheries in India. Delhi. Hindustan Publishing Corporation. 208 p.	1976	Penaeus monodon	100
126	Yoshida, H. 1941 Important marine shrimps and lobsters of Työsen (Korea). Bull. Fish. Exp. (Stn. Työsen) (7):1-36.	1941	Penaeus monodon	-->
149	Racek, A.A. 1957 Penaeid prawn fisheries of Australia with special reference to New South Wales. Research Bulletin of the State Fisheries of New South Wales (3):1-19.	1957	Penaeus monodon	12
164	Harrison, G.G.T., G.L. Kesteven and C.G. Setter 1965 Gulf of Carpentaria prawn survey committee progress report to 30th June, 1964. Fish. Notes Dep. Harb. Mar. Queensl., 2(1):1-22.	1965	Penaeus monodon	8

251	Domantay, J.S. 1956 Prawn fisheries of the Philippines. Proc. IPFC. 6:362-6.	1956	Pena eus mon odon	363
346	Carpenter, K.E. and V.H. Niem 1998 FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 2. Cephalopods, crustaceans, holothurians and sharks. Rome, FAO. Pp. 687-1396.	1998	Pena eus mon odon	-->
356	SAUP Database 2006 SAUP Database. www.seaaroundus.org.	2006	Pena eus mon odon	-->
374	Motoh, H. 1980 Field guide for the edible crustacea of the Philippines. Southeast Asian Fisheries Development Center (SEAFDEC). Aquaculture Department, Iloilo, Philippines.	1980	Pena eus mon odon	20
409	Chan, T.Y. 1998 Shrimps and prawns. 851-971. In Carpenter, K.E. and V.H.Niem (eds). FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Vol. 2. Cephalopods, crustaceans, holothurians and sharks. Rome, FAO. 687-1396.	1998	Pena eus mon odon	922
558	Pauly, D., V. Sambilay Jr. and S. Opitz 1993 Estimates of relative food consumption by fish and invertebrate populations, required for modelling the Bolinao reef ecosystem, Philippines. p. 236-251. In V. Christensen and D. Pauly (eds.) Trophic Models of Aquatic Ecosystems. ICLARM Conference Proceedings 26. ICLARM Conf. Proc. 26, 390p.	1993	Pena eus mon odon	241
833	Ruppert, E.E., R.S. Fox and R.D. Barnes 2004 Invertebrate Zoology. A functional evolutionary approach. 7th Ed. Brooks/Cole, Thomson Learning learning, Inc. 990 p.	2004	Pena eus mon odon	-->
2598	Pauly, D., J. Ingles and R. Neal 1984 Application to shrimp stocks of objective methods for the estimation of growth, mortality and recruitment-related parameters from length-frequency data (ELEFAN 1 and 2). p. 220-234. In Gulland, J.A. and B.J. Rothschild (eds.) Penaeid shrimps - their biology and management. Fishing News Books, Farnham, England.	1984	Pena eus mon odon	220- 234
2600	Unar, M. and N.N. Noamin 1984 A review of the Indonesian shrimp fisheries and their management. In Gulland, J.A. and B.J. Rothschild (eds.) Workshop on the Scientific Basis for the Management of Penaeid Shrimp. Key West, Florida, USA.	1984	Pena eus mon odon	-->
3208	Chou, W-R., S-H. Lai and L-S. Fang 1999 Benthic crustacean communities in waters of southwestern Taiwan and their relationships to environmental characteristics. Acta Zoologica 10(1):25-33.	1999	Pena eus mon odon	29
7676	Mustafa, M.G. 2003 Trophic model of the coastal ecosystem in the waters of Bangladesh, Bay of Bengal. p. 263-280. In Silvestre, G., L. Garces, I. Stobutzki, M. Ahmed, R.A. Valmonte-Santos, C. Luna, L. Lachica-Alifio, P. Munro, V. Christensen and D. Pauly (Eds.) Assessment, Management and Future Directions of Coastal Fisheries in Asian Countries. WorldFish Center Conference Proceedings.	2003	Pena eus mon odon	271
8125	Benson, A.J., P.L. Fuller and C.C. Jacono 2001 Summary Report of Ninindigenous Aquatic Species in U.S. Fish and Wildlife Service Region 4. U.S. Geological Survey Florida Caribbean Science Center.	2001	Pena eus mon odon	23
11759	Warfel, E. and P.R. Manacop 1950 Otter trawl explorations in Philippine waters. Research Report 25, Fish and Wildlife Service, U.S. Dept. Int., Washington, D.C.	1950	Pena eus mon odon	43
26601	Silvestre, G. and D. Pauly (eds.) 1997 Status and management of tropical coastal fisheries in Asia. Workshop on Sustainable Exploitation of Tropical Coastal Fish Stocks in Asia, Manila, Philippines, 2-5 July 1996. ICLARM Conf. Proc. 53:208p.	1997	Pena eus mon odon	29
32969	Mustafa, M.G. 1999 Population dynamics of penaeid shrimps and demersal finfishes from trawl fishery in the Bay of Bengal and implication for the management. PhD thesis, University of Dhaka, Bangladesh. 223 p.	1999	Pena eus mon odon	-->
50001	Mustafa, M.G. and M.G. Khan 1993 The bottom trawl fishery. Studies of Interactive Mar. Fish. Bangladesh, BOBP/89,106p.	1993	Pena eus	-->

			mon odon	
63114	Motoh, H. 1980 Field guide for the edible crustacea of the Philippines. Southeast Asian Fisheries Development Center (SEAFDEC). Aquaculture Department, Iloilo, Philippines.	198 0	Pena eus mon odon	20
72772	Fofonoff, P.W., G.M. Ruiz, B. Steves, A.H. Hines and J.T. Carlton 2003 National Exotic Marine and Estuarine Species Information System. http://invasions.si.edu/nemesis	200 3	Pena eus mon odon	-->
74657	Bartley, D.M. (comp./ed.) 2006 Introduced species in fisheries and aquaculture: information for responsible use and control (CD-ROM). Rome, FAO.	200 6	Pena eus mon odon	-->
75620	Pérez Farfante, I. and B. Kensley 1997 Penaeoid and Sergestoid shrimps and prawns of the world: keys and diagnoses for the families and genera. Mémoires du Muséum National d'Histoire Naturelle 175:1-233.	199 7	Pena eus mon odon	133
75706	Poupin, J. 1998 Crustacea Decapoda and Stomatopoda of French Polynesia. Atoll Research Bulletin 451:62 p.	199 8	Pena eus mon odon	5
75927	Zheng, Y., X. Chen, J. Chen, Y. Wang, X. Shen, W. Chen and C. Li 2003 Biological resources and the environment in East China Sea. Scientific Technology Publishing of Shanghai, 835 p.	200 3	Pena eus mon odon	-->
77129	FAO-FIES 2007 Aquatic Sciences and Fisheries Information System (ASFIS) species list. Retrieved from http://www.fao.org/fishery/collection/asfis/1/en , [accessed 03/07/2008].	200 7	Pena eus mon odon	-->
78893	Fabricius, J.C. 1798 Supplementum Entomologiae Systematicae. Hafniae. 572 p.	179 8	Pena eus mon odon	408
81840	Estampador, E.P. 1959 Revised list of Philippine crustacean decapods. Nat. Appl. Sci. Bull. 17:1-125.	195 9	Pena eus mon odon	35
83447	Hong, S.Y., K.Y. Park, C.W. Park, C.H. Han, H.L. Suh, S.G. Yun, C.B. Song, S.G. Jo, H.S. Lim, Y.S. Kang, D.J. Kim, C.W. Ma, M.H. Son, H.K. Cha, K.B. Kim, S.D. Choi, K.Y. Park, C.W. Oh, D.N. Kim, H.S. Shon, J.N. Kim et al. 2006 Marine invertebrates in Korean coasts. Republic of Korea, Academy Publishing Company, Inc. 479 p.	200 6	Pena eus mon odon	324
84559	Yambao, A.C., A.T. White, W.E. Ablong and M.R. Alcala 2001 Coastal environmental profile of Negros Oriental, Philippines. Cebu City : Coastal Resource Management Project of the Dept. of Environment and Natural Resources, xii, 107 p. : ill. (some col.), maps (some col.) ; 28 cm.	200 1	Pena eus mon odon	64
84689	Chullasorn, S. and P. Martosubroto 1986 Distribution and important biological features of coastal fish resources in Southeast Asia. FAO Fisheries Technical Paper 278, 84 p.	198 6	Pena eus mon odon	31; tbl.1
85538	Ministry of Fisheries and Aquatic Resources 2010 Major marine fish types by commercial group. http://www.fisheries.gov.lk .	201 0	Pena eus mon odon	-->
90130	Dwiponggo, A. 1987 Indonesia's marine fisheries resources. In Bailey, C., Dwiponggo, A., Marahudin, F. (eds). Indonesian marine capture fisheries. ICLARM Studies and Reviews 10. Manila, Philippines, Directorate General of Fisheries, and Marine Fisheries Research Institute, Ministry of Agriculture, Jakarta, Indonesia. 196 p.	198 7	Pena eus mon odon	13
92245	McBride, M.M. 2012 Mozambique common species in capture fisheries. Personal communication, as compiled by the author, 27 April 2012.	201 2	Pena eus mon odon	-->

92336	FAO 1980 Report of the workshop on the biology and resources of penaeid shrimps in the South China Sea area - Part I. South China Sea Fisheries Development and Coordinating Programme, Manila, Philippines, October 1980.	198 0	Pena eus mon odon	57
94508	Anam, R. and E. Mostarda 2012 Field identification guide to the living marine resources of Kenya. FAO Species Identification Guide for Fishery Purposes, Rome: FAO, 357 p.	201 2	Pena eus mon odon	16
96667	CRUSTA 2012 Species from French Polynesia (Marquesas, Society, Austral, Tuamotu, Gambier). http://crustiesfroverseas.free.fr/files.php?ile=Polynes [Accessed 21/07/2014].	201 2	Pena eus mon odon	-->
96696	Radhakrishnan, E.V., V.D. Deshmukh, G. Maheswarudu, J. Josileen, A.P. Dineshbabu, K.K. Philipose, P.T. Sarada, S.L. Pillal, K.N. Saleela, R. Chakraborty, G. Dash, C.K. Sajeev, P. Thirumilu, B. Sridhara, Y. Muniyappa, A.D. Sawant 2012 Prawn fauna (Crustacea: Decapoda) of India - An annotated checklist of the Penaeoid, Sergestoid, Stenopodid and Caridean prawns. J. Mar. Biol. Ass. India, 54 (1):50-72.	201 2	Pena eus mon odon	-->
96697	Crosnier, A. 2007 Peneides shrimps of New Caledonia. In Payri, C.E.; de Forges R.B. (eds) Compendium of marine species of New Caledonia. Doc. Sci. Tech. 117, 2nd edition, IRD Noumea, pp. 301-303.	200 7	Pena eus mon odon	-->
97399	Khin, M.S and D.O. Stanley 2011 Fishery resources of the Wunbaik reserved mangrove forest. FAO-UN, Myanmar Publication 2011/04, 125p.	201 1	Pena eus mon odon	75
97531	Felder, D.L., F. Alvarez, J.W. Goy and R. Lemaitre 2009 Decapoda (Crustacea) of the Gulf of Mexico, with comments on the Amphionidacea. pp. 1019-1104 In Felder, D.L.; Camp, D.K. (eds.) Gulf of Mexico - Origins, Waters, and Biota. Biodiversity. Texas A&M University Press, College Station, Texas.	200 9	Pena eus mon odon	105 0
10266 4	Marte, C.L. 1980 The food and feeding habit of <i>Penaeus Monodon</i> Fabricius collected from Makato River, Aklan, Philippines (Decapoda Natantia). Crustaceana 38(3):225-236.	198 0	Pena eus mon odon	-->
10405 2	Carpenter, K.E. and N. (eds) De Angelis 2014 The living marine resources of the Eastern Central Atlantic, Volume 1: Introduction, crustaceans, chitons and cephalopods. FAO Species Identification Guide for Fishery Purposes, Rome, FAO, pp.1-663.	201 4	Pena eus mon odon	84- 85
10495 4	Lalitha Devi, S. 1987 Growth and population dynamics of three penaeid prawns in the trawling grounds off Kakinada. Indian Journal of Fisheries 34(2):245-264.	198 7	Pena eus mon odon	255: Tab. 2
10508 4	Karbhari, J.P. 1982 Scientific, common and local names of commercially important marine fishes and shell fishes of Maharashtra and Gujarat coasts. Marine Fisheries Information Service, Technical and Extension Series, 44:18-23.	198 2	Pena eus mon odon	-->
10608 1	Finlex Data Bank 2008 Maa- ja metsätalousministeriön asetus kalastus- ja vesiviljelytuotteiden sallituista kauppanimistä. http://www.finlex.fi/fi/laki/alkup/2008/20080597 [Accessed 01/06/2016].	200 8	Pena eus mon odon	-->
10609 6	Fødevarestyrelsen. 2012 Handelsnavne fisk version 2012. http://www.foedevarestyrelsen.dk/SiteCollectionDocuments/25_PDF_word_filer%20til%20download/06_kontor/Maerkning/Handelsnormer_varestandarder/OEvrige_produkter/Handelsnavne%20fisk%20version%202012.pdf [Accessed 01/06/2015].	201 2	Pena eus mon odon	-->
10729 7	Teikwa, E.D. and Y.D. Mgaya 2004 Abundance and reproductive biology of the penaeid prawns of Bagamoyo coastal waters, Tanzania. Western Indian Ocean Journal of Marine Science 2(2):117-125.	200 4	Pena eus mon odon	-->
10794 5	Cheung, W.L., R. Watson and D. Pauly 2013 Signature of ocean warming in global fisheries catch. Nature 497:365-368.	201 3	Pena eus mon odon	-->
10866 0	Akter, T., M.M. Hossain, R. Begum, P.P. Barman, P.K. Debnath and M.M. Islam 2015 Assortment and preservation of marine fishes of Bangladesh to set up a marine fish museum in the Faculty of Fisheries,	201 5	Pena eus	3

	Sylhet Agricultural University. pp 39-43 In Islam, A.F.M S.; Paul, S.; Shah, D. (eds) Proceedings of the annual workshop (July 2013 - June 2014), Sylhet Agricultural University Research System (SAURES), held on January 26, 2015, Sylhet Agricultural University, Sylhet, Bangladesh. SAU Res. Prog. Rep. 02.		mon odon	
111145	Brackish Aquaculture Information System 1988 Biology and culture of <i>Penaeus monodon</i> . Southeast Asian Fisheries Development Center, Tigbauan, Iloilo, Philippines.	198 8	Pena eus mon odon	7
114024	Macintosh, D. J., E. C. Ashton and V. Tansakul 2002 Utilisation and knowledge of biodiversity in the Ranong Biosphere Reserve, Thailand. ITCZM monograph series (7): 29.	200 2	Pena eus mon odon	-->
114042	O'Connor, M., C. Hawkins and D. K. Loomis 2008 A manual of previously recorded non-indigenous invasive and native transplanted animal species of the Laurentian Great Lakes and coastal United States. NOAA Technical Memorandum NOS NCCOS 77, 82 pp.	200 8	Pena eus mon odon	30
114716	Silas, M.O. 2011 Review of the Tanzanian prawn fishery. Doctoral dissertation, University of Bergen Norway.	201 1	Pena eus mon odon	6
115031	Savaria, Y.D. 1994 Scientific, common and vernacular names of commercially important fin and shell fishes. 1. Gujarat. Marine Fisheries Information Service 134:1-4.	199 4	Pena eus mon odon	5
115032	Rao, C.V. 1991 Scientific, common and local names of commercially important edible marine fin and shell fishes from Andhra Pradesh. Marine Fisheries Information Service 108:1-10.	199 1	Pena eus mon odon	10
115061	Kolhe, S.S. and H.S. Mogalekar 2017 Decapod crustacean diversity of Ratnagiri coastal waters, Maharashtra, India. Journal of Entomology and Zoology Studies 5(3):370-372.	201 7	Pena eus mon odon	3
115257	FAO-FIES 2017 Aquatic Sciences and Fisheries Information System (ASFIS) species list. Retrieved from http://www.fao.org/fishery/collection/asfis/en (accessed 08/06/2017).	201 7	Pena eus mon odon	-->
116140	CMFRI 2015 Annual report 2014-15. Central Marine Fisheries Institute, Cochin. 353 p.	201 5	Pena eus mon odon	64
116307	CMFRI 2014 Annual report 2013-2014. Central Marine Fisheries Research Institute, Cochin. 274 p.	201 4	Pena eus mon odon	-->
116321	CMFRI 2012 Annual report 2011-2012. Central Marine Fisheries Research Institute, Cochin. 274 p.	201 2	Pena eus mon odon	-->
116487	SEAFDEC 1984 Important penaeid prawns/shrimps of the Philippines. SEAFDEC Aquaculture Department.	198 4	Pena eus mon odon	-->
116847	Gopalakrishnan, A., M. Rajkumar, M.M. Rahman, J. Sun, P.J. Antony and J.P. Trilles 2014 Length-weight relationship and condition factor of wild, grow-out and 'loose-shell affected' giant tiger shrimp, <i>Penaeus monodon</i> (Fabricius, 1798) (Decapoda: Penaeidae). J. Appl. Ichthyol. 30(1):251-253.	201 4	Pena eus mon odon	252: Tab. 1
116858	Fuller, P.L., D.M. Knott, P.R. Kingsley-Smith, J.A. Morris, C.A. Buckel, M.E. Hunter and L.D. Hartman 2014 Invasion of Asian tiger shrimp, <i>Penaeus monodon</i> Fabricius, 1798, in the western north Atlantic and Gulf of Mexico. Aquatic Invasions 9(1):59-70.	201 4	Pena eus mon odon	-->
117266	Piratheepa, S., U. Edrininghe and K. Chitravadivelu 2015 Investigation on length-weight relationship of <i>Penaeus monodon</i> (Fabricius, 1798) in Kakkaithevu coastal waters in the northern part of Sri Lanka. Tropical Agricultural Research 25(1):133-140.	201 5	Pena eus	-->

			mon	
			odon	
11729 1	Li, Y., F. Zhou, Z. Ma, J. Huang, S. Jiang, Q. Yang, T. Li and J. G. Qin 2016 Length-weight relationship and condition factor of giant tiger shrimp, <i>Penaeus monodon</i> (Fabricius, 1798) from four breeding families. SpringerPlus 5:1279.	2016	Pena eus mon odon	-->
11729 2	Udoinyang, E.P., O. Amali, C.C. Ihekwumere and J.E. Ukpato 2016 Length-weight relationship and condition factor of seven shrimp species in the artisanal shrimp fishery of Iko river estuary, southeastern Nigeria. International Journal of Fisheries and Aquatic Studies 2016 4(2):109-114.	2016	Pena eus mon odon	111: Tab. 1
11733 2	Anil, P., S.K. Misra and S.N. Padhy 2016 Length-weight relationship and condition factor of black tiger shrimp, <i>Peneaus monodon</i> reared along with seaweed. Journal of Applied Zoological Researches 27(2):131-135.	2016	Pena eus mon odon	-->
11817 5	Wakwabi, E.O. and J. Mees 1999 The epibenthos of the backwaters of a tropical mangrove creek (Tudor creek, Mombasa, Kenya). Netherlands journal of zoology 49(3):189-206.	1999	Pena eus mon odon	452
11862 8	Palomares, M.L.D., R. Froese, B. Derrick, S.-L. Nöel, G. Tsui, J. Woroniak and D. Pauly 2018 A preliminary global assessment of the status of exploited marine fish and invertebrate populations. A report prepared by the Sea Around Us for OCEANA. The University of British Columbia, Vancouver, p. 64.	2018	Pena eus mon odon	-->