

NATIONAL BIORESOURCE DEVELOPMENT BOARD

Dept. of Biotechnology
Government of India, New Delhi

For office use:

MARINE BIORESOURCES

FORMS DATA ENTRY: Form- 1(general) Ref. No.:
(please answer only relevant fields;add additional fields if you require)

Fauna : <input checked="" type="checkbox"/>	Flora	Microorganisms
General Category : Vertebrata (Zooplankton), Fish larvae		
Scientific name & Authority : <i>Gempylus serpens</i> Cuvier 1829 – Adult Common Name (if available) : Snake mackerel		
Synonyms:	Author(s)	Status
<i>Gempylus coluber</i>	Cuvier and Valenciennes	1829
<i>Lemnisoma thyristoides</i>	Jordan and Evermann	1905
Classification:		
Phylum: Vertebrata	Sub- Phylum	
Super Class : Pisces	Class : Osteichthyes	Sub- Class: Actinopterygii
Super Order: Teleostei	Order: Perciformes	Sub Order :Trichiuroidei
Super Family:	Family : Gempylidae	Sub-Family:
Genus : <i>Gempylus</i>	Species : <i>serpens</i>	
Authority: <i>Gempylus serpens</i> Cuvier 1829		
Reference No.		
Cuvier, G., 1829. <i>Regne Animal ed. 2, 2</i> : 200		
Nishikawa, Y. 1987. Early development of fishes of the family Gempylidae. 1. Larvae and juveniles of escolar, <i>Lepidocybium flavobrunneum</i> (Smith). <i>Bull. Far Seas Fish. Res. Lab.</i> 19 : 1-13.		
Geographical Location:		
Atlantic, Pacific and Indian Ocean warm waters.		
Latitude:	Place:	
Longitude:	State:	

Environment

Fresh water: Yes/ No

Habitat :

Salinity :

Brackish : Yes/ No

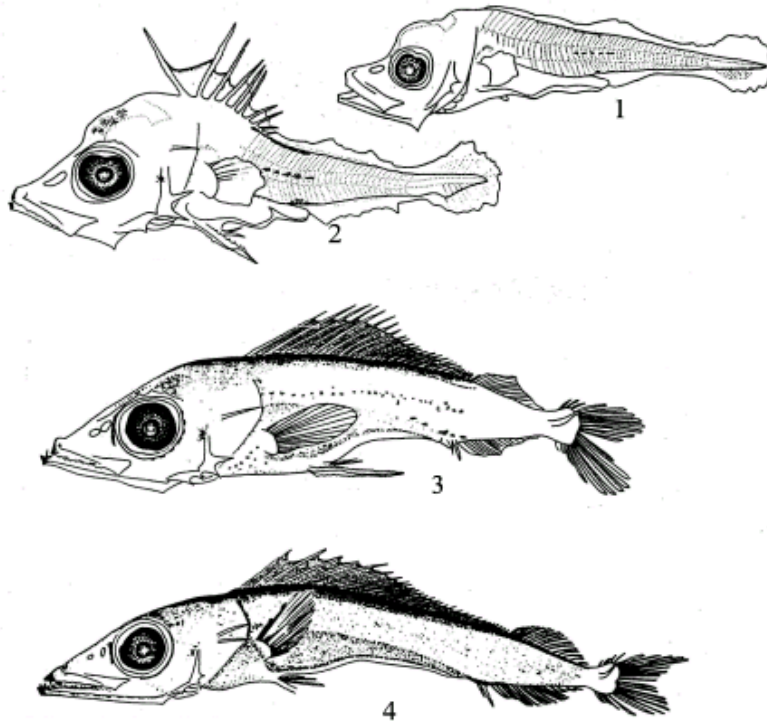
Migrations :

Temperature :

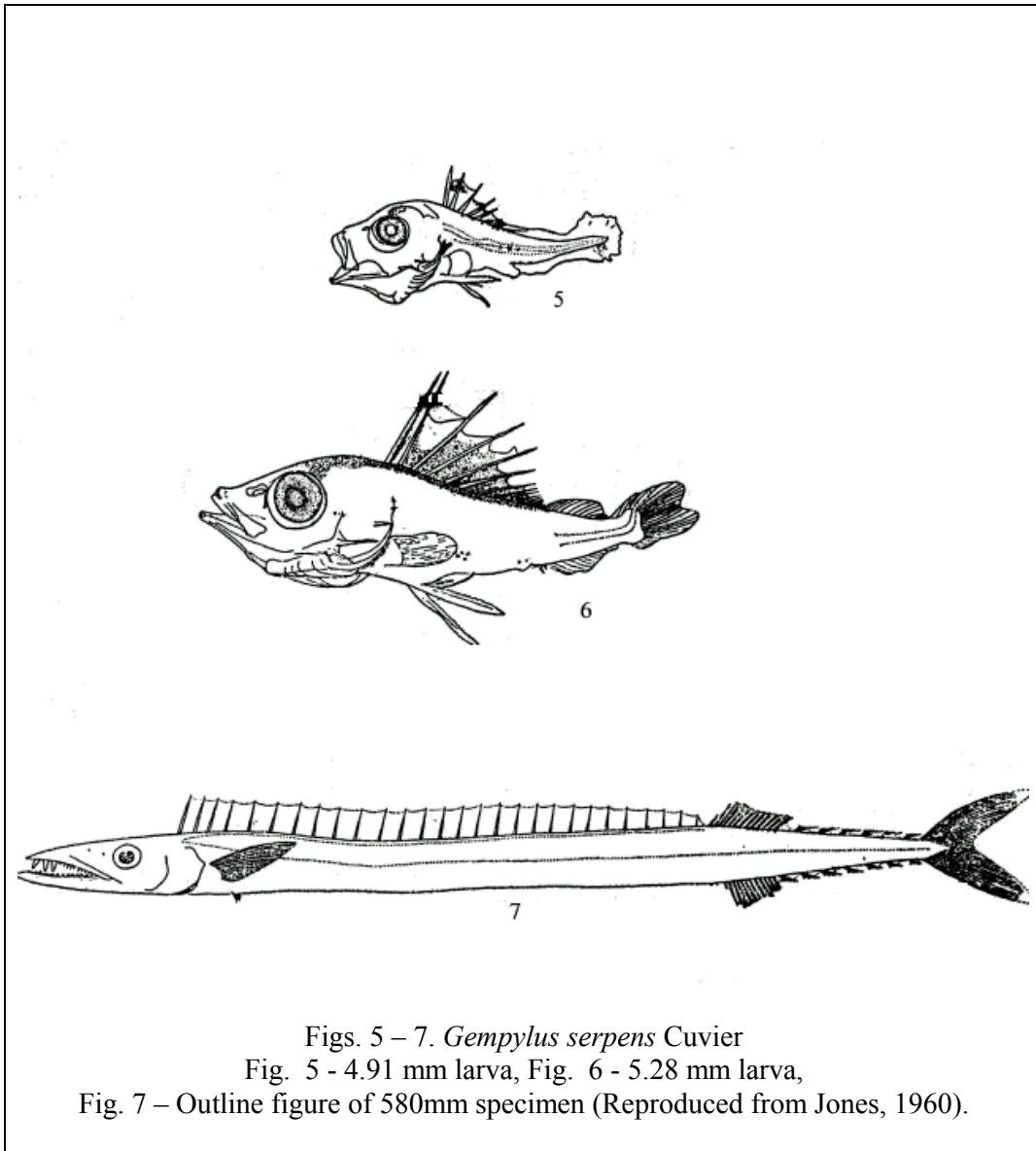
Salt water : Yes✓/ No

Depth range :

Picture (scanned images or photographs of adult / larval stages)



Figs. 1 - 4. *Gempylus serpens* larvae
Fig. 1 - 3.5 mm, Fig. 2 - 4.4 mm, Fig. 3 - 8.8 mm,
Fig. 4 - 14.0 mm (Reproduced from Nishikawa, 1987)



Figs. 5 – 7. *Gempylus serpens* Cuvier
Fig. 5 - 4.91 mm larva, Fig. 6 - 5.28 mm larva,
Fig. 7 – Outline figure of 580mm specimen (Reproduced from Jones, 1960).

<p>DATA ENTRY FORM: Form- 2(Fish / shellfish / others) Ref.No.:</p> <p>(please answer only relevant fields ; add additional fields if you require)</p> <p>Form -1 Ref.No.:</p>			
<p>IMPORTANCE</p>			
Landing statistics (t/y) :	from	to	Place :
Main source of landing:	Yes/ No		Coast: east/ west
Importance to fisheries:			Ref . No.:
Main catching method :			
Used for aquaculture	: yes/ never/ rarely		
Used as bait	: yes/no/ occasionally		
Aquarium fish	: yes/ no/ rarely		
Game fish	: yes/ no		
Dangerous fish	: poisonous/ harmful/ harmless		
Bioactivity :	locally known/ reported/ not known		Details:
Period of availability :	Throughout the year – yes/ no		If no, months:
<p>SALIENT FEATURES :</p>			
<p>Morphological:</p>			
<p>Diagnostic characteristics:</p>			
<p>Sex attributes:</p>			
<p>Descriptive characters:</p>			

Meristic characteristics:

Feeding habit:

Main food :

Feeding type :

Additional remarks:

Size and age:

Maximum length (cm) (male / female/ unsexed)

Ref. No.:

Average length (cm) (male / female / unsexed)

Ref. No.:

Maximum weight : (g) (male / female / unsexed)

Ref. No.:

Average weight :(g) (male / female / unsexed)

Ref. No.:

Longevity (y) (wild) : (captivity)

Ref. No.:

Length / weight relationships:

