NEW RECORDS OF SCOMBROID FISHES FROM THE ANDAMAN-NICOBAR WATERS

In the course of a visit to the Andamans and Nicobars during February-March 1960, we were able to obtain seven species of Scombroid fishes, six of which have not hitherto been recorded from this area, and two of which are new records for the Indian Seas. In fact, Herre (1941), while listing 490 species of fishes from the Andaman waters drew attention to the paucity of our knowledge of the pelagic fishes of the area. He recorded only three scombroid species, namely, Scomber microlepidotus Rupell, Rastrelliger brachysoma (Bleeker), and Rastrelliger kanagurta (Rupell). Of these, S. microlepidotus is now considered to be a synonym of R. canagurta, thus leaving only two scombroid species as having been recorded from this area. Our collections include the following species:

1. The Indian Mackerel, Rastrelliger canagurta (Cuvier): 3 specimens between 225 and 250 mm. from Port Blair, Andamans.

2. The Eastern Little Tunny, Euthynnus affinis affinis (Cantor): 1 specimen 562 mm. caught off Port Blair, Andamans. New record for Andamans and Nicobar waters.

3. The Double-lined Mackerel, Grammatocynus bicarpinatus (Quoy & Gaimard): 1 specimen, 449 mm. taken on hook and line off Ross Island, Port Blair, Andamans. New record for Indian Seas.


5. The Striped Seer, Scomberomorus (Cybium) commerson (Lacépède): 2 specimens taken on troll line between Long Island and Mayabundur and one specimen caught off Ross Island, Port Blair, Andamans. New record for Andamans and Nicobar waters.

6. The Wahoo, Acanthocybium solandri (Cuvier & Valenciennes)*: 2 specimens 1020 and 1200 mm. taken on troll line between Long Island and Mayabundur, Andamans. New record for Andamans and Nicobar waters. Hitherto reported from Indian waters from only the Laccadive Seas (Jones & Kumaran, 1959); and the Wadge Bank off Cape Comorin (John, 1959). In July, this year, we obtained one specimen from Tuticorin. Deraniyagala (1952) has recorded this species off Ceylon coast.


The Atlas cum Report on the Average year's fishing conditions of the Tuna long-line fisheries* edited by the Nankai Regional Fisheries Research Laboratory

NOTES

(1958 edition, published in July 1959) indicates that the Japanese long-line fishing operations in the Andamans and Nicobar waters at different months of the year yielded seven commercially important species hitherto not reported from that area. They are, *Thunnus germo* (Lacépède), *Thunnus orientalis* (Temminck & Schlegel), *Parathunnus mebachi* (Kishinouye), *Neothunnus macropterus* (Temminck & Schlegel), *Xiphias gladius* (Linnaeus), *Kajikia mitsukurii* (Jordan & Snyder), and *Eumakaria nigra* (Nakanura). More recently, Nakagome (1959 a & b) has also indicated the occurrence of the Yellowfin Tuna, *Neothunnus macropterus*, and the Big-eyed Tuna, *Parathunnus mebachi* from the Andamans and Nicobar waters.

Besides these species, it will not be surprising if improved fishing methods and more intensive surveys eventually show that other Scombroids, such as the Skipjack, *Katsuwonus pelamis* (Linnaeus); the Oriental Bonito, *Sarda orientalis* (Temminck & Schlegel); the Frigate Mackerels, *Auxis thazard* (Lacépède) and *A. thynnoides* Bleeker; the Indian Spanish Mackerel, *Scomberomorus (S.) guttatus* (Bloch & Schneider); the Indian Long-tailed Tunny, *Kishinoeila longgol* (Bleeker); the Short-nosed Spear Fish *Tetrapturus brevirostris* (Playfair); etc., which occur in the tropical Indian Ocean and in the Indian Coastal waters are also present in the Andamans and Nicobar waters.

Central Marine Fisheries Research Station,
Marine Fisheries P.O.

S. Jones  E. G. Silas  E. Dawson

REFERENCES


——. 1959b. Ibid., 25(2) : 188-192.

NOTES ON SOME DECAPOD LARVAE—A CORRECTION

In our description of the first larval stage of *Anchistus inermis* (J. zool. Soc. India, 9, 22-39, 1957) we had stated that the larva has no rostral spine. However, since Dr. Bruce pointed out in a recent personal communication the presence of a distinct rostral spine in *A. incomis* Miers, *A. miersi* (de Man) and *Paranchistus (?*) biunguiculatus Borradaile, although short in *Paranchistus*, we re-examined our material. We have now discovered that the first larva of *A. inermis* also possesses a short rostral spine. In the freshly hatched larva the spine is usually curved and hidden by the large eyes and is likely to escape notice. The revised illustration given here shows the rostrum in *A. inermis* in a dorsal view.