Rec. zool. Surv. India: 97 (Part-3): 229-230, 1999

Short Communication

ON THE CONFIRMATION OF THE OCCURRENCE OF *EPHIPPUS ORBIS* (BLOCH) (PISCES: EPHIPPIDAE) IN WEST BENGAL

Misra (1962: 279) listed the spade fish *Ephippus orbis* (Bloch) from West Bengal. Later, Talwar *et al.* (1994: 299) in their comprehensive account of marine and estuarine fish from this state, considered the above record of *E. orbis* as doubtful and omitted from their account. This record thus confirms the occurrence of *E. orbis* in coastal water of West Bengal. A brief description of the specimens is given hereunder.

Ephippus orbis (Bloch)

1787. Chaetodon orbis Bloch, Naturg. Ausland Fische, 3:81.

1878. Ephippus orbis: Day, Fish. India: 115; pl. 29, fig. 4

Material: Four specimens, 8.0 to 12.6 cm in standard length; collected from Digha 'mohna' West Bengal (Lat. 21°36' N, long 87°30' E) on 7.5.97 & 30.7.97 by S. Mitra; ZSI-MARC Regd. No. 57.

Diagnostic Characters: D IX 9; A III 15; P 19; C 19. Body deep, almost circular, strongly compressed, depth 73.8-76.2% in standard length. Head short, 29.7-31.8% in standard length. Mouth small, terminal, not protrusible, teeth in bands, setiform. Top of head densely scaled; opercle covered with scales almost to its ventral edge. Dorsal spines moderately strong, 3rd and 4th spines longest. Scales small, finely ciliated.

Colour: Greenish brown; 4 to 5 vertical black bars on body from dorsal fin base to belly in young specimens; margins of soft dorsal, pelvic, anal and caudal fins dusky black.

Geographical distribution: Indo-West Pacific.

ACKNOWLEDGEMENTS

The authors are deeply indebted to Dr. J.R.B. Alfred, Director, Zoological Survey of India (Z.S.I.) for facilities and to Dr. Ramakrishna, Joint Director, Z.S.I. for critically going through the manuscript.

REFERENCES

- Misra, K. S., 1962. An aid to the identification of the common commercial fishes of India and Pakistan. Rec. Indian Mus., 57 (1-4): 1-320.
- Talwar, P. K., P. Mukherjee, D. Saha, S. N. Paul & S. Kar, 1994. Marine and estuarine fishes in State Fauna Series: Fauna of West Bengal, (2): 243-242, Zoological Survey of India.

Zoological Survey of India, Marine Aquarium & Research Centre, Digha – 721428 T. K. CHATTERJEE

S. MITRA

and