

## Biodiversity Record: New Singapore record of the trevally, *Platycaranx chrysophrys*

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**Subject:** Longnose trevally, *Platycaranx chrysophrys* (Teleostei: Carangiformes: Carangidae).

**Subject identified by:** Jiayuan Lin.

**Location, date and time:** Singapore Strait, East Coast Park beneath Bedok Jetty; 9 July 2023; 1725 hrs.

**Habitat:** Marine. Shallow coastal sea with sand and silt substrates.

**Observer:** Jiayuan Lin.

**Observation:** One example of 10.5 cm standard length (Fig. 1) was landed with hook and line baited with meat of the prawn *Litopenaeus vannamei*. It has been donated to the Lee Kong Chian Natural History Museum at the National University of Singapore, where it is preserved in the Zoological Reference Collection under the catalogue number ZRC 64522.

**Remarks:** *Platycaranx chrysophrys* is apparently recorded from Singapore waters herein for the first time (see e.g. Fowler, 1938, Tweedie, 1940, Ng et al., 2015). Its presence in Singapore is not unusual because of its wide distribution in the Indo-west Pacific (Smith-Vaniz, 1999, as *Carangoides chrysophrys*).

It is possible that this species was previously been confused with the closely related *Platycaranx malabaricus* (Malabar trevally), from which it can be distinguished most noticeably by the shape of the snout. In *Platycaranx chrysophrys*, the dorsal profile of its gently sloping snout becomes abruptly vertical just above the mouth cleft (Smith-Vaniz, 1999, as *Carangoides chrysophrys* and *Carangoides malabaricus*).

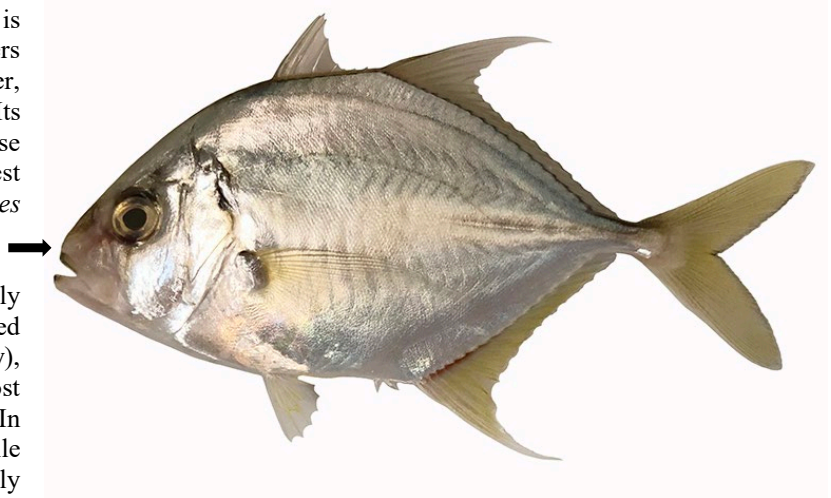


Fig. 1. Lateral view of freshly dead *Platycaranx chrysophrys* (ZRC 64522). Arrow points to the diagnostic feature of the snout becoming abruptly vertical just above the mouth cleft (Photograph by: Kelvin K. P. Lim).

### Literature cited:

Fowler HW (1938) A list of fishes known from Malaya. Fisheries Bulletin, Singapore, 1: 1–268.

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Smith-Vaniz WF (1999) Carangidae. Jacks and scads (also trevallies, queenfishes, runners, amberjacks, pilotfishes, pampanos, etc.). In: Carpenter KE & Niem VH (eds.) FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Western Central Pacific. Volume 4. Bony Fishes part 2 (Mugilidae to Carangidae). FAO, Rome, pp. 2659–2756.

Tweedie MWF (1940) Additions to the collection of fishes in the Raffles Museum. Bulletin of the Raffles Museum, Singapore, 16: 68–82.