

**COMPARATIVE EXTERNAL MORPHOMETRY OF THE PHARAOH CUTTLEFISH,
SEPIA PHARAONIS EHRENBERG, 1831 FROM THE GULF OF
THAILAND AND THE ANDAMAN SEA, OF PENINSULAR THAILAND**

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ABSTRACT: A total of 216 specimens of the pharaoh cuttlefish, *Sepia pharaonis* Ehrenberg, 1831, from the Gulf of Thailand and the Andaman Sea, Peninsular Thailand, were collected, 51 from the Gulf of Thailand and 165 from the Andaman Sea. Morphometry of 37 external characters of specimens of two sexes from the two water bodies were compared. *S. pharaonis* from both locations, regardless of sex, were significantly different in twelve characters. Sexual differences were noted. Males and females, regardless of habitats, were different in 8 characters. Differences were more prominent in males than female. In males, 10 characters were significantly different, but only 2 characters differed in females. Overall, eighteen characters were significantly different among groups (2 sexes, 2 locations). All differences were supported by canonical variates. The results of the morphometrical differences between the cuttlefish from the two water bodies suggested that samples were taken from separate populations.

Keywords: External morphometry, *Sepia pharaonis* Ehrenberg, 1831, Peninsular Thailand
