



## ***Lithoselatium tantichodoki*, a new species of intertidal crab (Crustacea: Brachyura: Sesarmidae) from southern Thailand**

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### **Abstract**

A new species of intertidal sesarmid crab, *Lithoselatium tantichodoki* **new species**, is described from the Gulf of Thailand. The species is superficially similar to *L. kusu* Schubart, Liu & Ng, 2009, from Singapore and Malaysia, but differs in the proportions of the ambulatory legs and the structure of the male first gonopod.

**Key words:** Crustacea, Brachyura, *Lithoselatium*, new species, Thailand

**Running title:** Promdam & Ng, New species of *Lithoselatium* from Thailand

### **Introduction**

Schubart *et al.* (2009) recently described a new genus (*Lithoselatium*) and two new species of littoral sesarmid crab (*L. pulchrum* and *L. kusu*) from Southeast Asia and Taiwan which are allied to the arboreal *Selatium* Serène & Soh, 1970, which is represented by two species (see also Ng *et al.* 2008). Species of *Lithoselatium* are easily distinguished from those in *Selatium* by the form of the ambulatory legs, thoracic sternum, granulation pattern on their chelae and structure of their male first gonopods.

Examination of specimens of a littoral sesarmid recently collected from islands in the Gulf of Thailand (Fig. 1) showed that they represent a third species of *Lithoselatium*. This new species is described herein. Measurements provided, in millimeters, are of the carapace width and length, respectively. The abbreviations G1 and G2 are used for the male first and second gonopods, respectively. Specimens examined are deposited in the Reference Collection of Phuket Marine Biological Centre (PMBC), Phuket, Thailand and Zoological Reference Collection, Raffles Museum of Biodiversity Research (ZRC), National University of Singapore.

### **Systematic account**

#### **Family Sesarmidae Dana, 1851**

#### ***Lithoselatium* Schubart, Liu & Ng, 2009**

**Type species.** *Lithoselatium pulchrum* Schubart, Liu & Ng, 2009, by original designation; gender neuter.