

## 参 考 文 献

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ONE NEW SPECIES OF *PHILYRA* FROM  
GUANDONG PROVINCE  
(DECAPODA: LEUCOSIIDAE)

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During 1980—1983, a series of investigations of biological sources along the coast and inshore shallow waters of Guangdong Province were made by the South China Sea Fishery Institute. A lot of crab specimens were collected. Among the materials, 1 new species of *Philyra* was found. Its diagnoses are given below, and the type specimens are deposited in the Institute of Zoology, Academia Sinica.

*Philyra biprotubera* sp. nov. (figs. 1—8)

Holotype: (GD908314), allotype: (GD808315), paratype: 11 (GD808316), Xiangzhou, middle intertidal region (22°17'N, 113°34'E) July 1980.

This new species is similar to *P. rectangularis* Miers 1884, but differs from the latter in the posterior border of carapace being comparatively narrower, manus shorter, exopod of third maxilliped broader, the sixth segment of male abdomen longer and the first male pleopod shorter, its terminal part slender and the base not abruptly tapering.

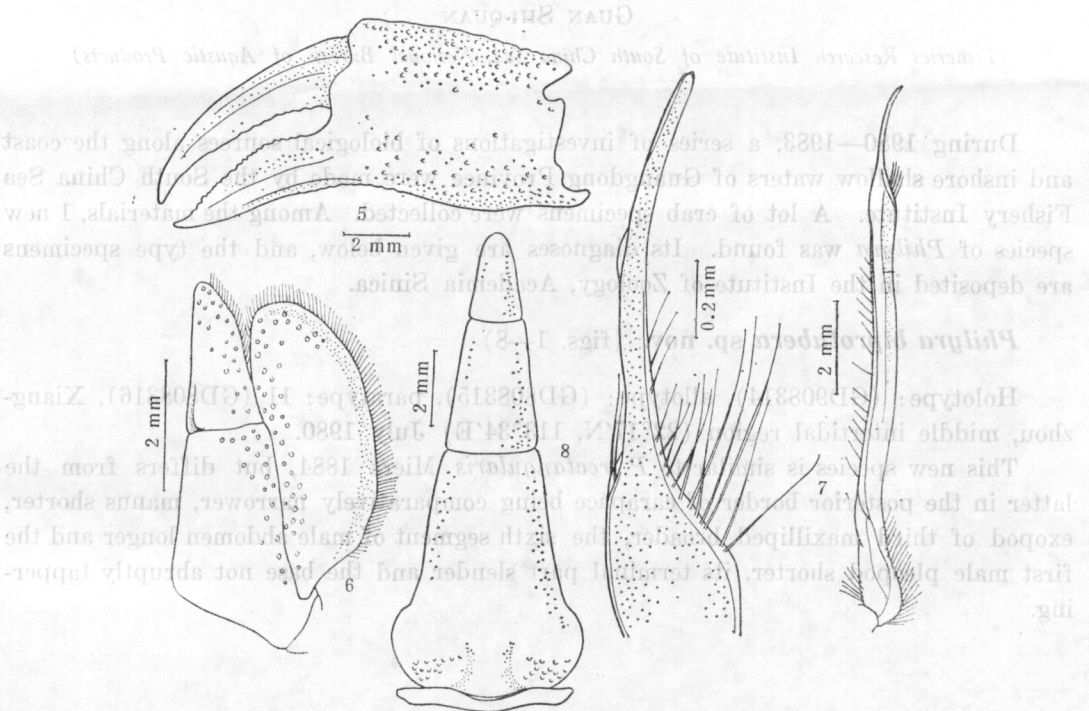
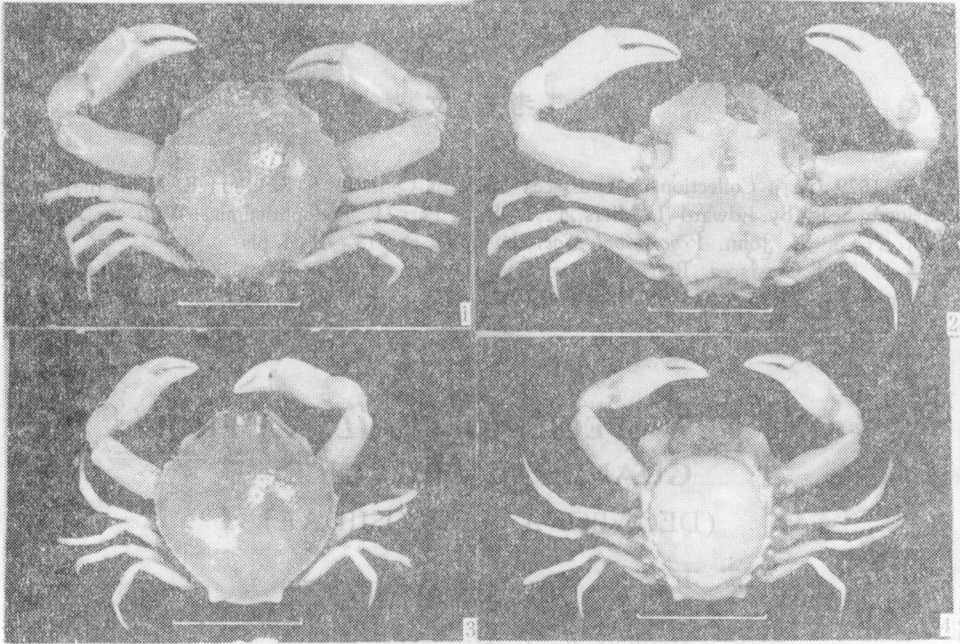


图 1—8 双突拳蟹, 新种 *Philyra biprotubera* sp. nov.

- 1. 雄性背面 (dorsal view of male)
- 2. 雄性腹面 (ventral view of male)
- 3. 雌性背面 (dorsal view of female)
- 4. 雌性腹面 (ventral view of female)
- 5. 雄性左螯外侧面 (outer view of left chela of male)
- 6. 第三颚足 (3rd maxilliped)
- 7. 第一腹肢及其末端放大 (1st pleopod and its enlarged distal portion)
- 8. 腹部 (abdomen)

整体照片的比例尺均为 10 毫米

# 广东省拳蟹属一新种\*

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1980—1983年,南海水产研究所在进行广东省本部滩涂及近岸浅水资源调查中,采获了大量的蟹类标本,其中发现玉蟹科 Leucosiidae、拳蟹亚科 Philyrinae 中的一新种,报道如下。模式标本存中国科学院动物研究所。

## 双突拳蟹,新种 *Philyra biprotubera* sp. nov. (图1—8)

正模: ♂ (GD808314), 配模: ♀ (GD909315), 副模: 1♂1♀ (GD808316), 广东香州,中潮区,1980,7。

头胸甲呈卵形,背面隆起,胃区及前、中鳃区其颗粒状突起,口前板背面可见,颊区突出的一斜面十分明显。前侧缘在肝区处的颗粒不明显,其后半部及后侧缘均具大小不等的珠状颗粒。后缘近于平直,具颗粒,两端具圆钝的突出叶。第三颚足坐节的长度约当宽度的1.9倍,长节呈锐三角形,外肢呈窄长圆形,长度约当宽度的2.6倍。螯足长节棱柱形,内、外侧缘具颗粒,腕节掌部的长度约当高度的1.4倍,约与可动指的长度相当,两指内缘基部1/3具锯齿,末2/3略呈锋锐的刀刃形。步足长节圆柱形,光滑,指节扁平,披针形。雄性第一腹肢细长,末端呈纤细的针棒形,略弯向腹外方。腹部窄长,第2—5节愈合,5—6节之间的节缝可辨。雄性头胸甲长17.9毫米,宽16.5毫米;雌性长15毫米,宽14毫米。

附注:本种最突出的特点是头胸甲后缘的两端各有一圆钝的突起,雄性第一腹肢末端具一针棒形突出。与印度西太平洋本属所有种类相比,则与非洲东部塞舌尔群岛所产的矩角拳蟹 *P. rectangularis* Miers 1884 较为相近,但本种头胸甲的后缘相对较窄,螯足掌部较短;第三颚足外肢相对宽大;腹部第六节较长;第一腹肢末端针棒形突出较短,其基部非骤然趋窄。

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\* 照片承宋玉枝同志拍摄,插图由冯钟琪同志复墨,在此一并谨致谢意。