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Oral -3

Taxonomy of the genus *Gaetice* (Decapoda: Brachyura: Varunidae) from East Asia

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Taxonomy of the intertidal crab genus *Gaetice* is reviewed. The genus currently contains 2 species from East Asia, *G. depressus* and *G. ungulatus*. *Gaetice depressus* has been known to occur from Honshu to Kyushu and Ryukyu Islands in Japan, Taiwan, Korea, and from southeastern to southern China. Our studies, however, have shown that populations from Iriomote Island and Okinawa Islands are morphologically different from those of other populations, and as such, we recognize these populations as an undescribed species. Stimpson (1858) recorded *G. depressus* and *G. convexiusuculus* from the Loo Choo (=Ryukyu Islands). His "*G. depressus*" from the Ryukyus is most probably the undescribed species mentioned above. *Gaetice convexiusuculus* has been synonymized under *G. depressus* since Sakai (1939). Our reexamination of *G. ungulatus*, however, revealed that the morphology of *G. ungulatus* agree well with that of *G. convexiusuculus*. As such, we propose to resurrect *G. convexiusuculus* and synonymize *G. ungulatus* under *G. convexiusuculus*. We also describe one new species from Qingdao, China. In summary, we recognize four species from East Asia: *G. depressus* from Honshu to Kyushu in Japan, Taiwan, Korea, and from southeastern to southern China; *G. sp. 1* from Okinawa Island and Iriomote Island; *G. convexiusuculus* from Okinawa Island and Iriomote Island; *G. sp. 2* from Qingdao, China.

Oral -4

Ode to Y. Nakasone – Description of four species of crabs from the genus *Ptychognathus* Stimpson, 1858, from Okinawa, Japan (Crustacea: Decapoda: Brachyura: Varunidae)

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Four new species of varunine crab of the genus *Ptychognathus* Stimpson, 1858, are described from Okinawa, Japan. Currently, there are seven species of *Ptychognathus* found throughout Japan viz. *P. glaber* Stimpson, 1858, *P. barbatus* (A. Milne Edwards, 1873), *P. ishii* Sakai, 1939, *P. takahashii* Sakai, 1939, *P. hachijoensis* Sakai, 1955, *P. capillidigitatus* Takeda, 1984, and *P. insolitus* Osawa & Ng, 2006. Recently, fresh *Ptychognathus* species were collected from several rivers on Okinawa Island, Ryukyus, Japan by Dr. Y. Nakasone. Among them were three known species viz *P. barbatus* (A. Milne Edwards, 1873), *P. ishii* Sakai, 1939, and *P. capillidigitatus* Takeda, 1984, and four new species. The four new species are different from the currently known *Ptychognathus* species in the forms of the carapace, cheliped, ambulatory leg, abdomen, male gonopod, and female gonopore, which indicate that they should be referred as new. The number of *Ptychognathus* species found in Japan, hence, increases from seven to eleven species, with a majority of them found mainly in the Okinawa Islands.