

A New Species of *Dynoides*
(Crustacea: Isopoda: Sphaeromatidae)
from the Cape d’Aguilar Marine Reserve, Hong Kong

LI LI

The Swire Institute of Marine Science, Department of Ecology and Biodiversity,
The University of Hong Kong, Cape d’Aguilar, Shek O, Hong Kong
lily@hkusua.hku.hk

ABSTRACT. A new species of sphaeromatid isopod, *Dynoides daguilarensis* n.sp., is described from intertidal black mussel (*Septifer virgatus*) beds in the Cape d’Aguilar Marine Reserve, Hong Kong. This species has been previously misidentified as *D. serratisinus* and *D. dentisinus*. It is characterized by a pleotelsonic apex with an open, sub-parallel slit, both edges of which are serrated from the bottom to the two sides of the apex; uropod endopods which are sub-apically notched externally; and a tubercle on the ventral side of the pleonal process. The composition of *Dynoides* and its relationships to *Clianella* are reviewed. A revised composition of *Dynoides* with a key to the species is provided.

LI, LI, 2000. A new species of *Dynoides* (Crustacea: Isopoda: Sphaeromatidae) from the Cape d’Aguilar Marine Reserve, Hong Kong. *Records of the Australian Museum* 52(2): 137–149.

In this paper, *Dynoides daguilarensis* n.sp. is described from the Cape d’Aguilar Marine Reserve, Hong Kong. The new species is common in the intertidal beds of the black mussel, *Septifer virgatus*. This contribution is part of an ongoing study of the biology—including population dynamics, reproductive biology and behaviour of this species. Because of similarities with other species of *Dynoides*, this species has been wrongly identified in the past. More descriptive information on the species is needed. A key to all species in the genus is also presented.

***Dynoides* Barnard, 1914**

Dynoides Barnard, 1914: 407; Nierstrasz, 1931: 198; Pillai, 1954: 11; Loyola e Silva, 1960: 91; Pillai, 1965: 79, 80; Bruce, 1980: 199, 208, 210; Iverson, 1982: 250; Bruce, 1982: 447; Harrison & Holdich, 1984: 370.
Paradynoides Loyola e Silva, 1960: 101.
Dynoidella Pillai, 1965: 78.
Dynoidella Nishimura, 1976: 275; Bruce, 1980: 199; Iverson, 1982: 250; Bruce, 1982: 447 (non *Dynoidella* Pillai, 1965).
Clianella Boone, 1923: 152; Menzies & Glynn, 1968: 58; Iverson, 1982: 250; Harrison & Holdich, 1984: 363.