

## SCIENTIFIC NOTE

***CROWNOCEPHALUS* NOM. NOV., A NEW NAME FOR  
THE PREOCCUPIED GENERIC NAME *SIMOCEPHALUS*  
(*CORONOCEPHALUS*) ORLOVA-BIENKOWSKAJA, 1995  
(CLADOCERA: DAPHNIIDAE)**

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**Family DAPHNIIDAE**

**Genus *CROWNOCEPHALUS* nom. nov.**

*Coronocephalus* Orlova-Bienkowskaja, 1995. Zool. Zh. 74 (8), Avgust: 58. (Branchiopoda: Phyllopora: Diplostraca: Cladocera: Anomopoda: Daphniidae: Daphniinae: *Simocephalus*). Preoccupied by *Coronocephalus* Grabau, 1924. Stratigraphy of China, 1, Palaeozoic & Older, Geol. Surv. China, 438. (Trilobita: Phacopida: Encrinuridae).

Grabau (1924) erected the trilobite genus *Coronocephalus* with the type species *Encrinurus* (*Coronocephalus*) *rex* Grabau, 1924 from Kaochiapien Sh, Jiangsu, China. It is still used as a valid genus name in Trilobita (e.g. Jell & Adrain, 2002).

Subsequently, the genus group name *Coronocephalus* was proposed by Orlova-Bienkowskaja (1995) for a subgenus of the cladoceran genus *Simocephalus* Schoedler, 1858. It is still used as a valid generic name in Cladocera (e.g. Orlova-Bienkowskaja, 1998, 2001). The subgenus has three species.

Thus, the genus group name *Coronocephalus* Orlova-Bienkowskaja, 1995 is a junior homonym of *Coronocephalus* Grabau, 1924. So we propose *Crownocephalus* **nom. nov.** as a replacement name for *Coronocephalus* Orlova-Bienkowskaja, 1995.

Etyymology: The name is derived from the English word “crown”.

Summary of nomenclatural changes:

*Crownocephalus* **nom. nov.**

pro *Coronocephalus* Orlova-Bienkowskaja, 1995 (non Grabau, 1924)

*Simocephalus* (*Crownocephalus*) *mirabilis* Orlova-Bienkowskaja, 1995 **comb. nov.**

from *Simocephalus* (*Coronocephalus*) *mirabilis* Orlova-Bienkowskaja, 1995

*Simocephalus* (*Crownocephalus*) *semiserratus* Sars, 1901 **comb. nov.**

from *Simocephalus* (*Coronocephalus*) *semiserratus* Sars, 1901

*Simocephalus* (*Crownocephalus*) *serrulatus* (Koch, 1841) **comb. nov.**

from *Simocephalus* (*Coronocephalus*) *serrulatus* (Koch, 1841)

**LITERATURE CITED**

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**Jell, P. A. & Adrain, J. M.** 2002. Available generic names for trilobites. *Memoirs of the Queensland Museum*, 48 (2): 331-553.

**Orlova-Bienkowskaja, M.** 1998. A revision of the cladoceran genus *Simocephalus* (Crustacea, Daphniidae). *Bull. Nat. Hist. Mus. London (Zool.)*, 64 (1): 1-62.

**Orlova-Bienkowskaja, M.** 2001. *Cladocera: Anomopoda; Daphniidae; genus Simocephalus*. Guides to the identification of the microinvertebrates of the continental waters of the world. Coordinating editor: H. J. F. Dumont. Backhuys Publishers. pp. 130.