

# REDISCOVERED PSEUDOSCORPION TYPE MATERIAL DESCRIBED BY BEIER FROM SOUTHEASTERN QUEENSLAND (ARACHNIDA: PSEUDOSCORPIONIDA)

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All or part of the type series of five pseudoscorpion species described by Beier (1969) from southeastern Queensland have been considered lost for some time. They have been recently found in the Department of Entomology, University of Queensland and transferred to the Queensland Museum. The specimens are documented. □ *Arachnida, Pseudoscorpionida, Tridenchthoniidae, Chthoniidae, type material.*

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Beier (1969) recorded several species of pseudoscorpions from southeastern Queensland, based upon material sent to him by Mr J.B. Williams. Five were new and a further two species were recorded from southeastern Queensland for the first time. Beier claimed to have returned most of the material to Mr Williams, then at Monash University, Melbourne, while retaining several specimens of two species in the collections of the Naturhistorisches Museum, Vienna. Despite efforts to trace these specimens, the material appeared to be lost (Harvey, 1981, 1985, 1989).

During a recent visit to the Department of Entomology, University of Queensland, Brisbane, I located the missing vials, and now take this opportunity to comment on the condition and status of the types.

All of the type material has been transferred to the Queensland Museum, Brisbane (QM).

## Family TRIDENCHTHONIIDAE

### *Heterolophus australicus* Beier, 1969

*Heterolophus australicus* Beier, 1969: 171-172, fig. 1.

#### MATERIAL EXAMINED

HOLOTYPE: ♀, Mt Tamborine, Joalah National Park, Queensland, 28°56'S, 153°12'E, berlesate, rainforest leaf litter, 16 Aug 1966, B. Cantrell, QMS21333.

PARATYPE: 1 tritonymph, same data as holotype, QMS21334.

#### REMARKS

The specimens are in fair condition, and the right chela is detached from the holotype. A recurrent typographical error by Beier (1969) referred to Mt Tamborine as "Mt Jamborine" and Joalah National Park as "Toalah National Park".

### *Anaulacodithella australica* Beier, 1969

*Anaulacodithella australica* Beier, 1969: 172-174, fig. 2.

#### MATERIAL EXAMINED

HOLOTYPE: ♂, Lamington National Park, Queensland, 27°12'S, 153°10'E, extracted from leaf litter, 6 Mar 1965, B. Cantrell, QMS21335.

ALLOTYPE: ♀, Mt Glorious, Queensland, 27°20'S, 152°46'E, 11 Jul 1965, berlesate, rainforest leaf litter, B. Cantrell, QMS21336.

PARATYPES: 1 ♂, 1 ♀, Landsborough, Queensland, 26°48'S, 152°58'E, Australia, leaf mould, mixed forest, 16 Jul 1965, F.A. Perkins, QMS21337; 8 specimens, Mt Clunie, east spur, Queensland, 28°20'S, 152°31'E, leaf mould, rainforest, 5 Apr 1953, T.E. Woodward, QMS21338; 16 specimens, Mt Tamborine, Joalah National Park, Queensland, 28°56'S, 152°12'E, berlesate, 16 Aug 1966, B. Cantrell, QMS21339.

#### REMARKS

The holotype and allotype are in fair condition, but the remaining specimens are extremely bleached and fragmented. The left chela of the holotype has been detached; the right chela of the allotype has been detached and subsequently lost.

## Family CHTHONIIDAE

### *Morikawia queenslandica* Beier, 1969

*Morikawia queenslandica* Beier, 1969: 174-175, fig. 3.

#### MATERIAL EXAMINED

SYNTYPES: 5 ♂, 3 ♀, Mt Tamborine, Joalah National Park, Queensland, 28°56'S, 153°12'E, berlese, rainforest leaf litter, 16 Aug 1966, B. Cantrell, QMS21341.

## REMARKS

This species was transferred to the genus *Tyrannochthonius*, based on examination of the remaining syntypes lodged in Naturhistorisches Museum, Vienna (Harvey, 1989).

***Morikawia semihorrida* Beier, 1969**

*Morikawia semihorrida* Beier, 1969: 176-177, fig. 4.

## MATERIAL EXAMINED

HOLOTYPE: ♀, Mt Nebo, Queensland, 27°23'S, 152°47'E, rainforest leaf litter, 28 Mar 1967, J.B. Williams, QMS21340.

## REMARKS

The recent transfer of this species to *Tyrannochthonius* (Harvey, 1989) based solely on the original description is confirmed by examination of the holotype. The right chela has been detached from the pedipalp.

***Pseudotyrannochthonius queenslandicus* Beier, 1969**

*Pseudotyrannochthonius queenslandicus* Beier, 1969: 177-178, fig. 5.

## MATERIAL EXAMINED

HOLOTYPE: ♂, Mt Tamborine, Joalah National Park, Queensland, 28°56'S, 153°12'E, 16 Aug 1966, B. Cantrell, berlese, QMS21342.  
PARATYPE: 1 tritonymph?, same data as holotype, QMS21343.

## REMARKS

The specimens are in fair condition.

***Austrochthonius australis* Hoff, 1951**

## REMARKS

Beier (1969) recorded this species from southeastern Queensland, based on one male from Mt Nebo, (berlesate, rainforest leaf litter, 28 Mar 1967, J.B. Williams), which is now lodged in the Department of Entomology, University of

Queensland. This specimen conforms to recent descriptions of the species (Kennedy, 1989).

## Family OLPIIDAE

***Xenolpium longiventer* (L. Koch, 1885)**

## REMARKS

Beier (1969) recorded this species from southeastern Queensland based on a specimen from Mt Nebo (rainforest leaf litter, 28 Mar 1967, J.B. Williams), which is now lodged in the Department of Entomology, University of Queensland. The specimen is clearly not congeneric with the type of *X. longiventer* (BMNH), and in fact represents an undescribed species of *Protogarypinus*. Members of this genus are abundant in southeastern Australia, and many new species await description.

## ACKNOWLEDGEMENTS

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