

NAME CHANGES FOR SOME SPECIES OF  
MYOPSOCIDAE (PSOCOPTERA)\*

BY C. N. SMITHERS  
The Australian Museum, College Street,  
Sydney, Australia.

Mockford (1982) pointed out the problems raised by inadequate definitions of some of the genera of the Myopsocidae. After examining the type specimen of *Myopsocus unduosus* Hagen he listed the species which should be included in *Myopsocus* (= *Phlotodes* Enderlein, = *Rhaptoneura* Enderlein) and *Lichenomima* Enderlein, leaving six species as *incertae sedis* which cannot be assigned until they have been re-examined. Some relevant, described species were, however, not mentioned. This short paper is an attempt to place as many of these as possible in their appropriate genera and is thus a supplement to Mockford's very useful paper. The species omitted by him are dealt with here in groups according to the history of their nomenclature.

A. Species which should now be placed in *Myopsocus*.

1. Species originally assigned to *Phlotodes*.

*longicauda* New 1975, Nigeria. Dr New, *in lit.*, informs me that this species should be placed in *Myopsocus* as Rs and M in the hind wings are fused for a length.

*medleri* New 1973, Nigeria. See comment under *longicauda*.

*nigeriensis* New 1975, Nigeria. See comment under *longicauda*.

*ornata* New 1973, Nigeria. See comment under *longicauda*.

*sagitta* Smithers and Thornton, 1979, New Hebrides.

*tropica* Smithers 1975, Queensland. This species has some characters which suggest close association with *Lophopterygella* Enderlein but was retained in *Phlotodes* at the time of description on the basis of characters of hind wing venation.

*longigena* Enderlein 1926, Java. At the time of description Enderlein considered *Phlotodes* have Rs and M fused in the hind wings and *Lichenomima* to have these veins joined by a crossvein. As he

---

\*Manuscript received by the editor April 3, 1985

placed *longigena* in *Phlotodes* it probably has Rs and M fused and should be in *Myopsocus*.

2. Species originally assigned to *Psocus* Latreille then to *Phlotodes*.

*hermosus* Banks 1920, Singapore (see Smithers 1979).

*luteolus* Banks 1920, Singapore (see Smithers 1979).

*pulchellus* Banks 1920, Singapore (see Smithers 1979).

3. Species originally assigned to *Myopsocus* or to *Psocus* then to *Myopsocus* and best left in *Myopsocus* until they can be re-examined, as in the case of the six species listed as *incertae sedis* by Mockford (1982).

*loriai* Ribaga 1908, New Guinea.

B. Species which should now be placed in *Lichenomima*.

Originally assigned to *Myopsocus*:

*pattoni* Datta 1966, India. Dr. Datta has kindly provided a sketch of the wing venation of this species. In the hind wing Rs and M are joined by a crossvein, as in species of *Lichenomima*.

*virginianus* Banks 1900, North America. Mr. Vogt has kindly examined Banks' material in the Museum of Comparative Zoology and has informed me that Rs and M in the hind wing are joined by a crossvein, not fused, as in *Lichenomima*.

C. Additional comments.

It should be noted that *Myopsocus novaezealandiae* Kolbe and *M. griseipennis* (McLachlan) are listed separately by Mockford (1982). Both are synonyms of *M. australis* (Brauer) (Smithers, 1975a). *Phlotodes inocellata* Smithers and Thornton has been transferred to *Mouldsia* Smithers (Smithers 1978).

#### SUMMARY

An attempt is made to place thirteen species of Myopsocidae in appropriate genera following a redefinition of *Myopsocus* Hagen and *Lichenomima* Enderlein by Mockford (1982).

#### ACKNOWLEDGEMENTS

I would like to thank Dr. New and Dr. Datta for providing additional information on the species described by them and Mr. Charles Vogt for information on Banks' material.

## REFERENCES

- BANKS, N. 1900. New genera and species of Nearctic Neuropteroid insects. *Trans. Amer. ent. Soc.* **26**: 239-259.
- BANKS, N. 1920. New Neuropteroid Insects. *Bull. Mus. comp. Zool. Harvard* **64**(3): 299-362, 7 pls.
- DATTA, B. 1966. Four new species of psocids (Psocoptera) from India. *Jl. Bengal Nat. Hist. Soc.* **35**: 12-31, 4 figs.
- ENDERLEIN, G. 1926. Die Copeognathenfauna Javas. *Zool. Meded.* **9**: 50-70.
- MOCKFORD, E. L. 1982. Description of the type species of *Myopsocus unduosus* (Hagen) and resulting nomenclatural changes in genera and species of Myopsocidae (Psocoptera). *Psyche Camb. Mass.* **89**(3-4): 211-220.
- NEW, T. R. 1973. A collection of Psocoptera from Nigeria. *Occ. Pap. ent. Soc. Nigeria.* **10**: 1-22, 41 figs.
- NEW, T. R. 1975. Psocoptera from Nigera. *Bull. ent. Soc. Nigeria* **3**: 134-140, 15 figs.
- RIBAGA, C. 1908. Copeognati Estraeuropi del Museo Civico di Storia Naturale di Genova. *Redia* **5**: 98-109, pl. VI.
- SMITHERS, C. N. 1975. Additions to Australian Myopsocidae (Psocoptera). *Aust. ent. Mag.* **2**(2): 51-56, 8 figs.
- SMITHERS, C. N. 1975a. The names of Australian and New Zealand Myopsocidae (Psocoptera). *Aust. ent. Mag.* **2**(4): 76-78.
- SMITHERS, C. N. 1978. A new genus of Myopsocidae (Psocoptera) from Queensland. *Jl. Aust. ent. Soc.* **17**: 105-107, 5 figs.
- SMITHERS, C. N. 1979. The generic position of three species of *Psocus* (Insecta: Psocoptera) from Singapore. *Oriental Insects* **13**(1-2): 109-114, 9 figs.
- SMITHERS, C. N. AND THORNTON, I. W. B. 1979. Psilopsocidae and Myopsocidae (Insecta: Psocoptera) of the Bismarck Archipelago, Solomon Islands and New Hebrides. *Rec. Aust. Mus.* **32**(16): 513-545, 82 figs.



**Hindawi**

Submit your manuscripts at  
<http://www.hindawi.com>

