



## **Jack (Jacobus) MUNTING (1939-2013)**

Jack (Jacobus) Munting, the distinguished taxonomist of scale insects (Hemiptera: Coccoidea) in Southern Africa, passed away in Pretoria, South Africa, on January 4, 2013.

Jack was born on 19 October, 1939, in Pretoria, and matriculated from Pretoria Boys High School (PBHS) in 1957. From 1958 to 1961 he studied Entomology at the University of Pretoria, and received his B.Sc. in 1962. He continued his studies with an M.Sc. in Entomology at the University of Pretoria, and in 1966 received his degree, on “A revision of the Ethiopian species of *Africaspis* MacGillivray, 1921 (Homoptera: Diaspididae)”. The Thesis was published (MUNTING, 1967) and presented the descriptions of 2 new species and redescriptions of 11 species in the genus *Africaspis*. Up to the end of 1970, Jack proceeded with his studies on the taxonomy of Coccoidea at the National Collection of Insects, Pretoria. This was followed by a period (1971 to 1979) teaching Natural History at the Pretoria Boys High School and then, from 1979 to 1983, at the Anglican School, Jerusalem, Israel. The Munting family returned to South Africa in 1984. Until his retirement, he served higher and distance education at the Pretoria College of Education and the Law Society of South Africa.

Jack was a prolific and passionate taxonomist of scale insects. During the rather short period of 10 years during which he studied this group, he published 20 scientific articles in which he described (see below) as new to sciences 10 genera and 73 species. In 1969, he published “Observations on some armoured scale insects (Homoptera: Coccoidea: Diaspididae) from South West Africa and neighbouring territories. *Cimbebasia* 1 (ser. A): 115-161.” This paper presented his findings from a short collecting trip in Namibia and included the description of four new genera and 16 new species.

Jack and his wife Yoma lost their daughter Renee on 21st November 1999 and Yoma passed away on 10th August 2010. Jack and Yoma are survived by two sons Paul and Matthew and by two grandsons, Jared and Charl.

## List of genera and species of Coccoidea described by Jack Munting

### Genera in the family Diaspididae

*Chimania* Munting, 1970  
*Eucleaspis* Munting, 1968a  
*Faureaspis* Munting, 1968a  
*Magnospinus* Munting, 1970  
*Mammata* Munting, 1969  
*Multispinaspis* Munting, 1969  
*Namaquea* Munting, 1969  
*Namibia* Munting, 1969  
*Relhansiaspis* Munting, 1970  
*Yomaspis* Munting, 1968a

### Coccoidea species

#### Family Asterolecaniidae

*Asterolecanium proteae* Giliomee & Munting, 1968

#### Family Conchaspidae

*Conchaspis ekebergiae* Munting, 1964

#### Family Diaspididae

*Africaspis gala* Munting, 1967  
*Africaspis terminaliae* Munting, 1967  
*Andaspis bulba* Munting, 1965b  
*Aonidia nullispina* Munting, 1969  
*Aonidia sclerosa* Munting, 1969  
*Aonidia yomae* Munting, 1965a  
*Artemisaspis abdita* Munting, 1968a  
*Aspidiotus artus* Munting, 1971a  
*Aspidiotus atripileus* Munting, 1971  
*Augulaspis incerta* Munting, 1968a  
*Chimania ferrugina* Munting, 1970  
*Clavaspis kalaharica* Munting, 1969  
*Clavaspis perplexa* Munting, 1971  
*Dentachionaspis quadrispinosa* Munting, 1965b  
*Diaspidiotus yomae* Munting, 1971  
*Diaspis aequalis* Munting, 1967a  
*Diaspis delottoi* Munting, 1967a  
*Diaspis elaeidis* Munting, 1969  
*Diaspis hererina* Munting, 1969  
*Diclavaspis xerophila* Munting, 1969  
*Discodiaspis globosa* Munting, 1968a  
*Duplachionaspis Africana* Munting, 1977  
*Duplachionaspis brevipora* Munting, 1969  
*Duplachionaspis circularis* Munting, 1977  
*Duplachionaspis cryptoloba* Munting, 1977  
*Duplachionaspis displicata* Munting, 1977  
*Duplachionaspis zuluensis* Munting, 1977

*Eucleaspis echinata* Munting, 1968a  
*Formosaspis karroo* Munting, 1967a  
*Formosaspis pallida* Munting, 1968a  
*Fulaspis monoloba* Munting, 1965b  
*Gymnaspsis sclerosa* Munting, 1968a  
*Ledaspsis longiloba* Munting, 1977  
*Lindingaspis equipora* Munting, 1967a  
*Magnospinus anneckeii* Munting, 1970  
*Mammata lueckorum* Munting, 1969  
*Melanaspis pedina* Munting, 1969  
*Morganella acaciae* Munting, 1967a  
*Multispinaspis maricoensis* Munting, 1970  
*Multispinaspis monechmae* Munting, 1969  
*Namaquea simplex* Munting, 1969  
*Namibia quadriloba* Munting, 1969  
*Namibia spinosa* Munting, 1969  
*Neoselenaspis triangularis* Munting, 1969a  
*Pseudotargionia damara* Munting, 1969  
*Pseudotargionia kalaharica* Munting, 1969  
*Quadraspidotus inusitatus* Munting, 1969  
*Relhansiaspis acuminata* Munting, 1970  
*Rolaspis incisa* Munting, 1965  
*Rolaspis polypora* Munting, 1965b  
*Rungaspis arcuata* Munting, 1967a  
*Scleromytilus lithothrix* Munting, 1965b  
*Sclopetaspis malawicus* Munting, 1970  
*Selenaspis eurylobus* Munting, 1969a  
*Selenaspis latus* Munting, 1967a  
*Selenaspis quadrilobus* Munting, 1969a  
*Targionia parayuccarum* Munting, 1965b  
*Targionia stoebae* Munting, 1965b  
*Tecaspis angularis* Munting, 1967a  
*Tecaspis rhizobium* Munting, 1965b  
*Versiculaspis agathosmae* Munting, 1965  
*Yomaspis ventropora* Munting, 1968a

#### Family Kerriidae

*Tachardina digitata* Munting, 1965a  
*Tachardina gripha* Munting, 1966  
*Tachardina oligopora* Munting, 1966  
*Tachardina perplexa* Munting, 1973a  
*Tachardina protrudens* Munting, 1965a  
*Tachardina recurva* Munting, 1973a  
*Tachardina sclerosa* Munting, 1965a  
*Tachardina spinosa* Munting, 1966

#### Family Lecanodiaspididae

*Lecanodiaspis elytopappi* Munting & Giliomee, 1967

## List of Publications by Jack Munting

- MUNTING J. 1964. A new species of *Conchaspis* Cockerell from South Africa (Homoptera: Conchaspidae). – *Journal of the Entomological Society of Southern Africa*, **27**: 59-61.
- MUNTING J. 1965. New and little known armoured scales (Homoptera: Diaspididae) from South Africa – *Journal of the Entomological Society of Southern Africa*, **27**: 230-238
- MUNTING J. 1965a. Lac insects (Homoptera: Lacciferidae) from South Africa. *Journal of the Entomological Society of Southern Africa*, **28**: 32-43.
- MUNTING J. 1965b. New and little known armoured scales (Homoptera: Diaspididae) from South Africa – *Journal of the Entomological Society of Southern Africa*, **28**: 179-216.
- MUNTING J. 1966. Lac insects (Homoptera: Lacciferidae) from South Africa. – II. *Revue de Zoologie et de Botanique Africaine*, **74**: 121-134.
- MUNTING, J. & GILIOME, J. H. 1967. A new species of *Lecaniodiaspis* Targ. (Homoptera: Asterolecaniidae) from South Africa. *Journal of the Entomological Society of Southern Africa*, **29**: 102-108.
- MUNTING J. 1967. A revision of the Ethiopian species of *Africaspis* MacGillivray 1921 (Homoptera: Diaspididae). – *Entomology Memoirs*, Department of Agricultural Technical Services, Republic of South Africa. Pretoria, 11: 1-32.
- MUNTING J. 1967a. New and little known armoured scales (Homoptera: Diaspididae) from South Africa – *Journal of the Entomological Society of Southern Africa*, **30**: 251-274.
- GILIOME, J. H. & MUNTING J. 1968. A new species of *Asterolecanium* Targ. (Homoptera: Coccoidea: Asterolecaniidae) from South Africa. – *Journal of the Entomological Society of Southern Africa*, **31**: 221-229.
- MUNTING J. 1968. A new genus and species of armoured scale (Homoptera: Coccidae: Diaspididae) from Ethiopia. – *Journal of the Entomological Society of Southern Africa*, **31**: 209-211.
- MUNTING J. 1968a. New and little known armoured scales (Homoptera: Diaspididae) from South Africa – *Journal of the Entomological Society of Southern Africa*, **31**: 417-433.
- MUNTING J. 1969. Observations on some armoured scale insects (Homoptera: Coccoidea: Diaspididae) from south west Africa and neighbouring territories. – *Cimbebasia*, **1** (ser. A): 115-161.
- MUNTING J. 1969a. Three new species of the subtribe Selenaspina (Coccoidea: Diaspididae) from Africa. – *Journal of the Entomological Society of Southern Africa*, **32**: 291-296.
- MUNTING J. 1970. On some new genera and species of armoured scale insects (Homoptera: Diaspididae) from southern Africa. – *Novos Taxa Entomologica* (Supplement to Rev. Entomol. Mozambique), **84**: 1-14.
- MUNTING J. 1970a. Lectotype designation for some South African armoured scale insects. – *Revue de Zoologie et de Botanique Africaine*, **82**: 35-40.
- MUNTING J. 1971. On the identity of the grey scale *Diaspidiotus africanus* Marlatt and some related species from southern Africa (Homoptera: Diaspididae). – *Journal of the Entomological Society of Southern Africa*, **34**: 119-143.
- MUNTING J. 1971a. Notes on the genus *Aspidiotus* Bouché (Homoptera: Diaspididae). – *Journal of the Entomological Society of Southern Africa*, **34**: 305-317.
- MUNTING J. 1973. Redescription of some Diaspididae (Homoptera: Coccoidea) from Southern Africa. – *Phytophylactica*, **5**: 13-22.
- MUNTING J. 1973a. Further descriptions of African lac insects (Homoptera: Lacciferidae). – *Phytophylactica*, **5**: 59-64.
- MUNTING J. 1977. On the genera *Aulacaspis*, *Duplachionaspis* and *Ledaspis* from southern Africa (Homoptera: Diaspididae). – *Entomology Memoirs*, Department of Agricultural Technical Services, Republic of South Africa. Pretoria, **46**: 1-34.

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