

MYRIAPODOLOGICA

A SERIES OF OCCASIONAL PAPERS PUBLISHED BY
THE VIRGINIA MUSEUM OF NATURAL HISTORY

Martinsville, Virginia

ISSN 0163-5395

Volume 7

2000-2002



Virginia Museum of Natural History

CONTENTS

Volume 7

1. Hoffman, Richard L. A synopsis of the Telonychopodini, a tribe of Pantanalian chelodesmid millipedes (Polydesmida: Chelodesmidae). 1-13
2. Shelley, Rowland M. Neotype designation for the centipede *Mycotheres leucopoda* Rafinesque (Scolopendromorpha: Cryptopidae) 15-17
3. Shelley, Rowland M. Parajulid studies. III. The genus *Gyniulus* Loomis (Parajulidae: Aniulini). 19-28
4. Hoffman, Richard L. A note on the identity of *Spirostreptus acutus* Karsch (Spirostreptida: Odontopygidae) 29-33
5. Hoffman, Richard L., Sergei I. Golovatch, & Michelle Hamer. Identities of the milliped genera *Spirostreptus* Brandt, 1833 and *Spiropoeus* Brandt, 1833. 35-47
6. Hoffman, Richard L. A note on the status of the name *Centrobolus* Cook, 1897 (Spirobolida: Pachybolidae) 49-52
7. Shelley, Rowland M. A new family, genus, and species in the milliped order Spirobolida from Mexico 53-58
8. Hoffman, Richard L. Synopsis of *Zodesmus*, a genus of Papuan millipedes (Polydesmida: Platyrhacidae: Psaphodesmini) 59-76
9. Shelley, Rowland M. A new milliped of the genus *Parvulodesmus* Shelley from North Carolina, with rediagnoses of the genus and *P. prolixogonus* Shelley (Polydesmida: Xystodesmidae) 77-84
10. Hoffman, Richard L. Review of *Callistodontopyge*, a genus of strikingly colored East African diplopods (Spirostreptida: Odontopygidae) 85-99
11. Lewis, Julian J. *Chaetaspis aleyorum*, a new species of milliped from Tumbling Creek Cave, Missouri, with a synopsis of the cavernicolous species of *Chaetaspis* (Diplopoda: Polydesmida) 101-111
12. Hoffman, Richard L. A new genus of telonychopodine millipedes from Brazil (Polydesmida: Chelodesmidae) 113-121

NEW TAXA DESCRIBED

Pantalanodesmus Hoffman, 2000, p. 6 (Chelodesmidae)

Pantanalodesmus marinezae Hoffman, 2000, p. 6

Gyniulus orarius Shelley, 2000, p. 24

Gyniulus occidentalis Shelley, 2000, p. 27

Hoffmanobolidae Shelley, 2001, p. 54 (Spirobolida)

Hoffmanobolus Shelley, 2001, p. 54

Hoffmanobolus mexicanus Shelley, 2001, p. 54

Zodesmus astromontis Hoffman, 2001, p. 67

Parvulodesmus stephani Shelley, 2001, p. 80

Callistodontopyge cingulata Hoffman, 2002, p. 89

Chaetaspis aleyorum Lewis, 2002, p. 103

Vanzolegulus Hoffman, 2002, p. 115 (Chelodesmidae)

Vanzolegulus limbatus Hoffman, 2002, p. 116

NEW SYNONYMY PROPOSED

Gyniulus lacustrinus Loomis, 1968 = *Ethojulus bufonius* Chamberlin, 1938, Shelley, 2000, p. 21.

Gyniulus domesticus Loomis, 1968 = *Gyniulus myakkensis* Loomis, 1963, Shelley, 2000, p. 22

Triaenostreptus Attems, 1914 = *Spirostreptus* Brandt, 1833, Hoffman, Golovatch, & Hamer, 2001, p. 37

Spirostreptus Petersi Karsch, 1881 = *Spirostreptus Sebae* Brandt, 1833, Hoffman, Golovatch, & Hamer, 2001, p. 40.

Triaenostreptus triodus Attems, 1909 = *Spirostreptus heros* Porat, 1872, Hoffman, Golovatch, & Hamer, 2001, p. 41.

Spirostreptus (Nodopyge) parilis Karsch, 1881; *Spirostreptus (Nodopyge) lingu-latus* Karsch, 1881; *Spirostreptus liber* Porat, 1888; *Mardonius parilis acuticonus* Attems, 1914; *Mardonius parilis sternalis* Brolemann, 1926; and *Mardonius piceus* Attems, 1952 = *Spiropoeus fischeri* Brandt, 1833, Hoffman, Golovatch, & Hamer, 2001, p. 43.

Haplothysanus rubropunctatus Attems, 1914 = *Spirostreptus sugillatus* Karsch, 1881; Hoffman, 2002, p. 94

NEW COMBINATIONS PROPOSED

Spirostreptus (Odontopyge) acutus Karsch, 1881 > *Kompsoprium acutum*; Hoffman, 2000, p 31

Platyrhacus (Pleorhacus) sternotrichus Attems > *Zodesmus sternotrichus*; Hoffman, 2001, p. 64

Platyrhacus (Pleorhacus) principalis Attems, 1932 > *Zodesmus principalis*; Hoffman, 2001, p. 64

Platyrhacus (Psaphodesmus) fratellus Chamberlin, 1945 > *Zodesmus fratellus*; Hoffman, 2001, p. 65

Eutrachyrhachis margaritatus Pocock, 1897 > *Zodesmus margaritatus* (Pocock), Hoffman, 2001, p. 65

Platyrhacus (Pleorhacus) lobophorus Attems, 1914 > *Zodesmus lobophorus*; Hoffman, 2001, p. 66

Platyrhacus atopogon Chamberlin, 1920 > *Zodesmus atopogon*; Hoffman, 2001, p. 66

Eutrachyrhachis victoriae Pocock, 1897 > *Zodesmus victoriae*; Hoffman, 2001, p. 68.

NEW STATUS PROPOSED

Callistodontopyge decora Hoffman & Howell, 1982 > *Callistodontopyge latifolia decora*; Hoffman, 2002, p. 93.