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Terebellidae (Polychaeta: Terebellida) from the Grand Caribbean region

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Abstract

Twenty-four genera of Terebellidae Grube, 1850, are described including one new genus and forty-four species recorded and characterized from the Grand Caribbean region. Six species are newly described: *Lysilla caribe* sp. nov., *Polycirrus angeli* sp. nov., *Eupolymnia rullieri* sp. nov., *Euthelepus kritzleri* sp. nov., *Streblosoma tenhovei* sp. nov., and *Kritzlerius anomalus* gen. nov. and sp. nov. Twenty-four formerly recorded species are regarded as valid: *Biremis blandi* Polloni, Rowe & Teal, 1973, *Enoplobranchus sanguineus* Verrill, 1873, *Polycirrus holthei* Londoño-Mesa & Carrera-Parra, 2005, *P. pennulifera* Verrill, 1900, *P. purpureus* Schmarda, 1861, *Amphitritides bruneocomata* (Ehlers, 1887), *Eupolymnia crassicornis* (Schmarda, 1861), *Lanicola carus* (Young & Kritzler, 1987), *L. garciagomezi* (Londoño-Mesa, 2006), *Loimia minuta* Treadwell, 1929, *L. salazari* Londoño-Mesa & Carrera-Parra, 2005, *Neoamphitrite glasbyi* Londoño-Mesa & Carrera-Parra, 2005, *P. palmata* (Verrill, 1873), *P. somberiana* McIntosh, 1885, *Polymniella aurantiaca* Verrill, 1900, *Scionides reticulata* (Ehlers, 1887), *Spinospaera carrerai* Londoño-Mesa, 2003, *S. hutchingsae* Londoño-Mesa, 2003, *Terebella turgidula* Ehlers, 1887, *T. verrilli* Holthe, 1986, *Terebellobranchia mchughae* Londoño-Mesa & Carrera-Parra, 2005, *Streblosoma hartmanae* Kritzler, 1971, *S. polybranchia* Verrill, 1900, *Thelepus haitiensis* Treadwell, 1931, and *T. pascua* (Fauchald, 1977). Two species are reinstated: *Loimia bermudensis* Verrill, 1900, and *Thelepus crassibranchiatus* Treadwell, 1901. One species is reinstated with a new combination: *Eupolymnia magnifica* (Webster, 1884). Five species names are new combinations: *Pista cetrata* (Ehlers, 1887), *Pistella papillosa* (Tourtellotte & Kritzler, 1988), *Terebellobranchia hiata* (Treadwell, 1931), *Thelepus tenuis* (Verrill, 1900), and *T. verrilli* (Treadwell, 1911). Finally, five species are regarded as distinct but remain undescribed because of the poor condition of the specimens: *Amaeana* sp. 1, *Neoleprea* sp. A Kritzler, 1984, *Neoleprea* sp. 1, *Proclea* sp. 1, and *Thelepus* sp. 1. All of the type and non-type material available for each species from the region is revised and compared with specimens of species previously regarded as junior synonyms of others species described from areas outside of the region. A key to all species is provided.

Key words: Grand Caribbean, new species, new genus, polychaetes, taxonomy, terebellids

Introduction

The Grand Caribbean region covers all of the sub-provinces included in the biogeographical Caribbean Province, from Bermuda and South Carolina (USA), to the north, the Gulf of Mexico and the Caribbean Sea, and