



***Multitestis* Manter 1931 (Digenea: Lepocreadiidae) in ehippid and chaetodontid fishes (Perciformes) in the south-western Pacific Ocean and the Indian Ocean off Western Australia**

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Abstract

Five species of the genus *Multitestis* are described, figured or discussed: *Multitestis pyriformis* from *Platax orbicularis* off Lizard Island, northern Great Barrier Reef, Australia and *Platax teira* off New Caledonia; *Multitestis coradioni* n. sp. (syn. *Multitestis pyriformis* Machida, 1963 of Bray *et al.* (1994)) from *Coradion chrysozonus* off Heron Island, which differs from *M. pyriformis* in its oval body-shape, the more posteriorly situated testicular fields and larger eggs, *Multitestis elongatus* from *Platax pinnatus* off Lizard Island, *Multitestis magnacetabulum* from *P. teira* off Heron Island, southern Great Barrier Reef, Australia, and New Caledonia, *Multitestis paramagnacetabulum* n. sp. from *P. orbicularis* off Ningaloo Reef, Western Australia, which differs from *M. magnacetabulum* in the more posteriorly situated testicular fields.

Key words: Digenea, Lepocreadiidae, *Multitestis*, *Multitestis coradioni* n. sp., *Multitestis paramagnacetabulum* n. sp., Great Barrier Reef, New Caledonia, Ningaloo Reef, *Platax*, *Coradion*

Résumé

Cinq espèces du genre *Multitestis* sont décrites, illustrées ou discutées: *Multitestis pyriformis* de *Platax orbicularis* de Lizard Island, nord de la Grande Barrière de Corail, Australie et *Platax teira* de Nouvelle-Calédonie; *Multitestis coradioni* n. sp. (syn. *Multitestis pyriformis* Machida, 1963 de Bray *et al.* (1994)) de *Coradion chrysozonus* de Heron Island, qui diffère de *M. pyriformis* par son corps de forme ovale, les champs testiculaires situés plus postérieurement et des œufs plus grands; *Multitestis elongatus* de *Platax pinnatus* de Lizard Island; *Multitestis magnacetabulum* de *P. teira* de Heron Island, sud de la Grande Barrière de Corail, Australie et Nouvelle-Calédonie; *Multitestis paramagnacetabulum* n. sp. de *P. orbicularis* de Ningaloo Reef, Australie Occidentale, qui diffère de *M. magnacetabulum* par les champs testiculaires situés plus postérieurement.

Introduction

Six species are consistent with the diagnosis of the genus *Multitestis* Manter, 1931 as currently recognised (Bray 2005), namely *Multitestis inconstans* (Manter, 1931) (type-species), *Multitestis rotundus* Sparks, 1954, *Multitestis nasusi* Bravo-Hollis & Brenes-Madrigal, 1959, *Multitestis pyriformis* Manter, 1963, *Multitestis magnacetabulum* Mamaev, 1970 and *Multitestis elongatus* Machida, 1982. In this paper, we make further observations on *Multitestis*, mainly in batfishes in the south-western Pacific, including the proposal of two new species.