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## *Holothuria (Selenkothuria) parvispinea* n. sp. (Echinodermata, Holothuroidea, Holothuriidae) with key to the sub-genus *Selenkothuria*

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### Abstract

Description of a new species from Australia, belonging to the subgenus *Selenkothuria* (*Holothuria*, Aspidochirotida). A dichotomous key of the thirteen valid species included in the subgenus is also given. The species *H. perrieri* Thandar, 1977 and *H. spinea* Cherbonnier, 1988 are considered as non valid.

**Key words:** Echinodermata, Holothuroidea, *Holothuria (Selenkothuria)*, **sp. nov.**, Australia, dichotomous key

### Résumé

Description d'une nouvelle espèce australienne du sous-genre *Selenkothuria* (*Holothuria*, Aspidochirotida). Une clé dichotomique regroupe les 13 espèces valides. Les espèces *H. perrieri* Thandar, 1977 et *H. spinea* Cherbonnier, 1988 sont considérées comme non valides.

### Introduction

During a digitalisation effort of the collections of the Royal Belgian Institute of Natural Sciences (RBINS) an exhaustive search for unidentified sea cucumbers was undertaken. Among a lot of common Mediterranean and Indo-Pacific species, a new species belonging to the subgenus *Selenkothuria* was discovered. It is described in the present note, together with a key of the subgenus *Selenkothuria*.

### Material and methods

Material examined:

*H. parvispinea*, holotype, Pelorus Island, Station B22, Great Barrier Reef, Australia, coll. J. Théodor 18–21/viii/1967, RBINS IG 24046.

*H. spinea*, holotype, Nosy Bé, Madagascar, coll. J. Millot, 1959, Muséum national d'Histoire naturelle Paris (MNHN) EcHh 2832.

*H. bacilla*, holotype, Tuléar, Madagascar, coll. Galenon 1972, MNHN EcHh 2952.

*H. vittalonga*, holotype, Tuléar, Madagascar, coll. B. Thomassin, 1972, MNHN EcHh 3547.

*H. erinaceus*, holotype, Bohol, Philippines, coll. C. Semper, 1868, Zoologisches Museum Hambourg (ZMH), E 2551.

*H. parva*, holotype, Natal, South Africa, coll. F. Krauss, ZMH E2609.