




Description and characterisation of *Terranova pectinolabiata* n. sp. (Nematoda: Anisakidae) in great hammerhead shark, *Sphyrna mokarran* (Rüppell, 1837), in Australia

Shokoofeh Shamsi¹  · Diane P. Barton^{1,2} · Xiaocheng Zhu³

Received: 13 March 2019 / Accepted: 20 May 2019 / Published online: 4 June 2019
© Springer-Verlag GmbH Germany, part of Springer Nature 2019

Abstract

Terranova pectinolabiata n. sp. is described from the great hammerhead, *Sphyrna mokarran*, from Australian waters. This represents the first report of a species of *Terranova* from the host species. The new species is characterised by the morphology of the caudal plates and labia. ITS sequences were obtained for 20 specimens which were identical, despite morphological variation that has traditionally been indicative of separation of species. Additionally, genetic analyses confirmed the identification of the larval *Terranova* Type II previously reported in Australian and New Caledonian waters as *Terranova pectinolabiata* n. sp.

Keywords New species · Ascaridata · Sphyrnidae