

高雄半屏山的陸貝生物多樣性

黃重期^{1*}, 林芸宇、陳旺宝、許宇傑、陳柏安、何依靠

國立高雄大學 生命科學系

81148 高雄市楠梓區 高雄大學路700號

Correspondence author E-mail: cchwang@nuk.edu.tw

Abstract

The land snail fauna of Banpingshan was surveyed in 2012. Seventeen species in 17 genera of 10 families were identified from 16 localities. The most abundant species are *Achatina fulica*, *Platyrhaphe minutus*, *Hemiphaedusa myersi*, *Macrochlamys sp.*, *Satsuma succincta*, *Acusta assimilis*, *Bradybaena similaris* and *Laevicaulis alte*. Three species were recorded from a single specimen. The family Helicarionidae has the highest species richness. The checklist of the land snails fauna of Shoushan was also updated, with two species were further recorded from Shoushan area. The authors suggested that monitoring and control on the populations of the invasive alien species *Macrochlamys sp.* is urgent.

Keywords: land snails, Banpingshan, Shoushan, biodiversity

摘要

作者於2012年在高雄市半屏山進行陸貝的採集調查，一共採集了16個樣點，包括復育區有4個樣點，草生地有3個樣點，天然次生林有9個樣點，標本經鑑定後總計有11科、17屬、17種。數量較多的種類有非洲大蝸、絲線小山蝸、麥氏煙管蝸、小菱蝸、扁蝸、高雄球蝸、皺足蛞蝓與巨盾鼈甲蝸，鼈甲蝸科調查得到最多種類，共有4種。而僅採集得一隻標本的有平圓口小蝸、絲黍蝸和雙色草包蝸。此外本文也補充2種在壽山新記錄到的陸貝，到目前為止壽山共記錄得12科19屬23種陸貝。我們建議對一外來入侵種的巨盾鼈甲蝸及早進行監測與防治。本調查的結果可做為未來生物多樣性研究與永續利用的基礎資料。

關鍵字: 陸貝、半屏山、壽山、生物多樣性