

# 目 錄

中華民國一〇〇年十二月

台灣昆蟲 第三十一卷 第四期

---

## 研究報告

- 287 台灣產蟲生線蟲 (*Steinernema abbasi*) 之共生菌 (*Xenorhabdus indica*) 及其代謝物對昆蟲血球及細胞株之影響 蔡米皓 唐立正 侯豐男
- 309 台灣產四種熊蜂 (膜翅目：蜜蜂科) 之族群形質比較、季節性發生及分佈特性之研究 宋一鑫 陸聲山 詹美鈴 林明瑩 江敬皓 李青珍 楊平世
- 325 黑頭慌蟻的取食偏好 羅怡珮 王振宇
- 339 黏板對檬果園內小黃薊馬 (*Scirtothrips dorsalis* Hood) 誘捕效能評估 魏妙楹 羅久格 莊益源 張念台
- 351 應用燈光誘引器監測進口糙米倉內之害蟲消長 姚美吉 李啓陽 邱相文 楊恩誠 路光暉

## 科學短訊

- 367 保育類虹彩叩頭蟲再評估 (鞘翅目：叩頭蟲科)——甚麼是虹彩叩頭蟲？哪些種類需要被保育？ 謝瑞帆 鄭明倫 楊平世

## 附錄

- 377 第三十一卷總目錄
- 385 作者索引
- 387 主題索引
- 391 台灣昆蟲學會一〇〇年 (第三十二屆) 年會論文宣讀摘要

# Contents

December 2011

Formosan Entomologist Volume 31 No.4

---

## Research Reports

- 287 Effects of the Symbiotic Bacterium, *Xenorhabdus indica*, from the Entomopathogenic Nematode, *Steinernema abbasi*, and Its Metabolites on Insect Hemocytes and Cell Lines **Mi-Hau Tsai, Li-Cheng Tang, and Roger F. Hou**
- 309 A Study on the Size and Morphological Difference, Seasonal Occurrence and Distribution Features of Four Bumblebees from Taiwan (Hymenoptera, Apidae) **I-Hsin Sung, Sheng-Shan Lu, Mei-Ling Chan, Ming-Ying Lin, Ching-Hao Chiang, Ching-Chen Li, and Ping-Shih Yang**
- 325 Feeding Preferences of the Ghost Ants, *Tapinoma melanocephalum* (Hymenoptera: Formicidae) **Yi-Pey Luo, and Chen-Yu Wang**
- 339 Catch Efficiency of the Sticky Trap for *Scirtothrips dorsalis* Hood in the Mango Orchard **Miao-Ying Wei, Chiu-Ke Lo, Yi-Yuan Chuang, and Niann-Tai Chang**
- 351 Application of Light Traps to Monitor Population Fluctuation of Stored-Product Pests in Imported Brown Rice Storehouses **Me-Chi Yao, Chi-Yang Lee, Hsiang-Wen Chiu, En-Cheng Yang, and Kuang-Hui Lu**

## Scientific Note

- 367 Re-assessment of the Threatened Rainbow Sheath Click Beetles (Coleoptera: Elateridae) — What are They? Which Species should be Protected? **Jui-Fan Hsieh, Ming-Luen Jeng, and Ping-Shih Yang**

## Appendix

- 377 Contents of Volume 31
- 385 Author Index
- 387 Subject Index
- 391 Abstracts of Papers Presented at 32th Annual Meeting of the Taiwan Entomological Society, 2011