

# Taiwania

CONTENTS

Vol. 70 / No. 2 / 2025

## Research Articles

- 193 *Petrocodon zhonglii* (Gesneriaceae), a new species from South China  
Xi-Zuo Shi, Jia-Xin Fu, Bo Pan, Ming Kang, Li-Hua Yang
- 200 Hidden treasure demystified: *Tuber asiaticum* sp. nov., a true truffle species from Indian Himalaya  
Neha Sharma, Sudeshna Datta, Ashwani Tapwal, Himani Sharma, Pratibha Thakur, Kanad Das
- 207 Pollen morphology of the *Galium* L. (Rubiaceae-Rubiaceae) from Pakistan and evaluation of its systematic significance  
Tariq Ullah, Amjad Khan, Raees Khan, Amir Sultan, Shahab Ali, Mohsin Kazi
- 219 Discovery and genomic analysis of two newly recorded *Hydrobryum* in China (Podostemaceae), revealing underestimated biodiversity and phylogenetic insights  
Miao Zhang, Zhang-Xue Chen, Ying-Lin Huang, Xiao-Hui Zhang, Bing-Hua Chen
- 230 Wood anatomy and ontogeny of interxylary cambium in *Canavalia cathartica* Thouars, *C. gladiata* (Jacq.) DC. and *Pueraria tuberosa* (Willd.) DC. (Fabaceae)  
Kishore S. Rajput
- 243 Provenance analysis of teak (*Tectona grandis* L.f.) in Myanmar: growth, heritability and trait-trait correlations at different ages  
Ei Sandi Sett, Ye-Ji Kim, Kyu-Suk Kang
- 252 Structure and development of the secondary xylem in ten species of *Passiflora* from Taiwan  
Sheng-Zehn Yang, Po-Hao Chen, Jian-Jhong Chen
- 262 Taxonomic notes of the genus *Eumachia* DC. in the flora of Vietnam and description of a new species  
Quoc Bao Nguyen, Ba Vuong Truong, Shuichiro Tagane, Tuan Anh Le, Van Ngot Pham, Van Toan Em Quach, Van Huong Bui, Tran Vy Nguyen
- 275 Taxonomic notes on *Isodon* (Nepetoideae, Lamiaceae) from Xizang, China: A new species and a new combination  
Ya-Ping Chen, Chun-Lei Xiang
- 281 *Arisaema globiceps* (Araceae), a new species from Taiwan  
Tian-Chuan Hsu, Wei-Jie Huang, Shih-Wen Chung
- 285 Mesowear analysis and paleodiets of Middle Miocene artiodactyls from Chakwal, Punjab, Pakistan  
Muhammad Asim, Muhammad Akbar Khan, Sayyed Ghyyour Abbas, Muhammad Khalil Nawaz, Muhammad Adeeb Babar, Qudeer Ahmed, Khalid Mahmood, Muhammad Akhtar

Contents continued on inside back cover

- Published by the College of Life Science, National Taiwan University Biodiversity Association of Taiwan
- **Contact Us** | Taiwania editorial office; [Taiwania@ntu.edu.tw](mailto:Taiwania@ntu.edu.tw)

2025

Vol. 70

No. 2

Taiwania

ISSN : 0372-333X / GPN : 2003600007

National Taiwan University

# Taiwania

International Journal of Biodiversity

The College of Life Science, National Taiwan University  
Biodiversity Association of Taiwan

Vol. 70 No.

2

# Taiwania

Vol. 70 No. 2

2025

## CONTENTS

(continued from outside back cover)

### Research Articles

- 293 *Aristolochia geantha* (Aristolochiaceae), a new species from Yunnan, China  
Zi-Rui Guo, Yi-Fan Wang, Joyce G. Onyenedum, Jing Li
- 301 *Onosma guniae* (Boraginaceae: Lithospermeae), a new species from the serpentine area of eastern Anatolia, Turkey  
Rıza Binzet
- 308 A novel species of *Pedicularis* L. from alpine Himalaya, India  
Mudasir Nazir Bhat, Bikarma Singh, Misbah Tabassum, Sonali Kumari
- 315 *Bulbophyllum tangerinum*, a new orchid species of Taiwan  
Ching-Hwang Liu, Tsan-Piao Lin
- 320 Six new species of *Begonia* from northern Vietnam)  
Daike Tian, Thanh Son Hoang, Wenguang Wang, Bin Chen
- 331 *Aspidistra lianhuatanensis*, a new species from Yunnan, China  
Hou-Cheng Xi, Ren-Kun Li, Jian-Yong Shen, Xiao-An Lang, Wen-Guang Wang
- 335 *Impatiens selvasinghii* (Balsaminaceae), a smallest flowered new balsam from Western Ghats, India  
Pochamoni Bharath Simha Yadav, Subbiah Karuppusamy, Sonali M. Kumbhar
- 339 Taxonomic novelties in *Lepra* (Ascomycota, Pertusariaceae): A new species from China and four new combinations for isidiate species  
Qiang Ren, Li-Qin Yi, Zhong-Shuai Sun
- 343 Cryptic diversity of *Rhinogobius rubromaculatus* species complex (Gobiidae) in Taiwan: Mitogenomes reveal their evolutionary history  
Yu-Min Ju, Po-Hsun Kuo, Jui-Hsien Wu, Kui-Ching Hsu

### Note

- 353 Resolving the taxonomic status of *Lithocarpus lycoperdon* (Fagaceae) and establishing a new synonym  
Li-Fang Yang, Yu Tu, Yan Luo, Min Deng
- 361 Factors affecting stipule sprouting of *Angiopteris somae* (Marattiaceae)  
Yao-Moan Huang, Mei-Hwei Tseng, Yi-Han Chang, Wen-Liang Chiou, Pei-Hsuan Lee
- 367 Supplementary descriptions of inflorescence and achene of four species of *Elatostema* (Urticaceae) from China  
Jing Wei, Chi Xiong, Feng Chen, Zi-Bing Xin, Si-Rong Yi, Long-Fei Fu
- 371 A northernmost distribution record of *Cyathodium* (Cyathodiaceae), with validation of subg. *Metacyathodium*  
Tian-Xiong Zheng, Yuya Inoue, Lian Luo, Qiang He, Peng Wang, Yu Jia