

Vol. 32  
No. 1  
June  
2023

# TROPICS



**The Japan Society of Tropical Ecology**

日本熱帯生態学会

ISSN 0917-415X

# CONTENTS

## ORIGINAL ARTICLES

Forest structure and recovery in selectively logged forests in Sarawak, Malaysia  
Bibian Diway, Ling Chea Yiing, Mohd Effendi Wasli and Yayoi Takeuchi  
..... 1

Size-related changes in leaf, wood, and bark traits in even-aged *Falcataria falcata* trees  
Kiyosada Kawai, Tanaka Kenzo, Shunsuke Ito and Kensaku Kanna  
..... 15

## FIELD NOTE

Effects of phosphorus addition on leaf litter decomposition in two tropical tree plantations in Thailand  
Taiki Mori, Duriya Staporn, Ponthep Meunpong, Warawich Suebsai, Khitja Boonsri and Chongrak Wachrinrat ..... 29

**Cover Photo:** Dry deciduous forest in the Sakaerat Environment Research Station (SERS) in Nakhon Ratchasima, Thailand.  
Photo by Sarasa Amma, September 2013.

## Published by the Japan Society of Tropical Ecology

Editor-in-Chief of TROPICS: Dr. Takeshi TOMA

c/o International Strategy Division, Forestry and Forest Products Research Institute (FFPRI)

1 Matsunosato, Tsukuba, Ibaraki 305-8687, JAPAN

E-mail: [tropics.jaste@gmail.com](mailto:tropics.jaste@gmail.com)

Printed by Soubun Printing Co., Ltd.

Publication date: June 1, 2023.

Vol. 32  
No. 2  
December  
2023

# TROPICS



**The Japan Society of Tropical Ecology**

日本熱帯生態学会

ISSN 0917-415X

# CONTENTS

## ORIGINAL ARTICLES

Influence of the light environment, cutting size, and existence of roots on the survival and regrowth of an invasive species, *Epipremnum aureum*  
Rico Hachisuka, Kaho Ishikawa, Shin Ugawa ..... 35

Evaluation of xylem maturation manner for solid wood production from *Eucalyptus camaldulensis* planted in Thailand  
Ikumi Nezu, Futoshi Ishiguri, Haruna Aiso, Sapit Diloksumpun, Jyunichi Ohshima, and Shinso Yokota ..... 49

Specialized predation on arthropod eggs in the myrmicine ant *Calyptomyrmex rectopilosus* collected in northern Vietnam, with a description of new species of *Calyptomyrmex* from Bogor, West Java, Indonesia  
Fuminori Ito, Phung Thi Hong Luong and Seiki Yamane ..... 65

Key environmental factors underlying terrestrial arthropod abundance and diversity in alley-cropping and monoculture oil palm plantations  
Mohamad Ashraf, Tetsuro Hosaka, Ahmad R. Norhisham, Ruzana Sanusi, Kamil A. Tohiran, Raja Zulkifli and Badrul Azhar ..... 73

## FIELD NOTES

Biomass and floristics of a secondary forest in West Kalimantan, Indonesia  
Muhammad Mansur and Francis Q. Brearley ..... 85

Effects of 9 years of continuous field phosphorus fertilization on adsorption of dissolved organic matter in tropical forest soil  
Taiki Mori, Xiankai Lu, Cong Wang, Qinggong Mao, Senhao Wang, Wei Zhang, and Jiangming Mo ..... 95

**Cover Photo:** An invasive plant species (*Epipremnum aureum*) swallowing up natural vegetation in Tokunoshima island, Japan. Photo by Rico Hachisuka, June 2021

## Published by the Japan Society of Tropical Ecology

Editor-in-Chief of TROPICS: Dr. Takeshi TOMA

c/o International Strategy Division, Forestry and Forest Products Research Institute (FFPRI)

1 Matsunosato, Tsukuba, Ibaraki 305-8687, JAPAN

E-mail: [tropics.jaste@gmail.com](mailto:tropics.jaste@gmail.com)

Printed by Soubun Printing Co., Ltd.

Publication date: December 1, 2023.