



THAI JOURNAL OF FORESTRY

Owner

Faculty of Forestry, Kasetsart University

Editor-in-Chief

Assoc.Prof.Dr.Dokrak Marod *Kasetsart University*

Editorial Board

Prof.Dr.Pongsak Sahunalu

Kasetsart University

Prof.Dr.Nipon Tangtham

Kasetsart University

Assoc.Prof.Dr.Santi Suksard

Kasetsart University

Assoc.Prof.Dr.Utis Kutintara

Kasetsart University

Assoc.Prof.Dr.San Kaitpraneet

Kasetsart University

Assoc.Prof.Dr.Decha Wiwatwitaya

Kasetsart University

Assist.Prof.Dr.Bunvong Thaiutsa

Kasetsart University

Assist.Prof.Dr.Nikhom Laemsak

Kasetsart University

Assist.Prof.Dr.Sapit Diloksumpun

Kasetsart University

Assist.Prof.Dr.Kobsak Wanthongchai

Kasetsart University

Assist.Prof.Dr.Pasuta Sunthornhao

Kasetsart University

Assist.Prof.Dr.Prateep Duengkae

Kasetsart University

Mr.Andy Warner

Kasetsart University

Assist.Prof.Dr.Kansri Boonprakob

Ramkhamhaeng University

Prof.Dr.Olavi Luukkanen

University of Helsinki, Finland

Prof.Dr.Hiroshi Takeda

Kyoto University, Japan

Assoc.Prof.Dr.Roger Kjellgren

Utah State University, USA

Manager

Ms.Tassanee Klinhual

Assistant Manager

Ms.Jintala Klinhual

Journal Office

Forestry Research Center, Faculty of Forestry, Kasetsart University,

Chatuchak, Bangkok 10900, THAILAND

Phone & Fax : (662) 561 4761 E-mail: ffortak@ku.ac.th

Web site: <http://www.tfj.forest.ku.ac.th>

Thai Journal of Forestry is issued triannually (April, August and December). The annual subscription price is TB 200. All inquiries should be directed to the journal office or <http://www.tfj.forest.ku.ac.th>.

THAI JOURNAL OF FORESTRY

Volume 34 Number 1, January - April 2015

ISSN 0857 - 1724

Original article

- Effect of forest fire and biomass-burning aerosols on rainfall characteristics in the Upper-Northern Thailand
..... Venus Tuankrua and Nipon Tangtham 1
- Above-ground Carbon Stock Assessment of Khuan Khaeng Swamp Forest after severe Burning in 2012 using Satellite Imagery
..... Wannaporn Pannual, Kankhajane Chuchip and Vipak Jintana 16
- Valuation of Carbon Stock in Trees at Khao Wong Community Forest, Chaiyaphum Province
..... Kessaraporn Ounkerd, Pasuta Sunthornhao and Ladawan Puangchit 29
- Experiment of Four Species Seed Pelleting for Forest Rehabilitation
..... Ratchanu Kerdcherdchoo, Sakhan Teejuntuk and Ladawan Puangchit 39
- Species Trials of Native Fast Growing Tree Species at Trat Agroforestry Research and Training Station, Mueang District, Trat Province
..... Peeracha Maneechart, San Kaitpraneet, Nathawat Khlangsap and Chongrak Wachrinrat 48
- Growth and Aboveground Biomass of *Melaleuca cajuputi* Powell in Noboru Umeda Tagum Plantation, Trat Province
..... Wathinee Suanpaga, Nuntawoot Soonthornwit and Waravooth Sripunya 57
- Aboveground Biomass of 4 Bamboo Plantations in Different Culm Ages at Royal Agricultural Station Angkhang, Chiang Mai Province
..... Ittipong Wannalangka, Roongreang Poolsiri and Ladawan Puangchit 65
- Anatomy of leaf epidermal cells of some Bamboo species in the genera *Bambusa*, *Dendrocalamus* and *Gigantochloa*
..... Thepwalee Khananthong, Somkid Siripatanadilok and Sarawood Sungkaew 76
- The Reduction of Formaldehyde Emission in Particleboard by the Addition of Bamboo Charcoal Powder
..... Trairat Neimsuwan, Nikhom Laemsak and Pongsak Hengniran 87
- People Participation in Mangrove Forest Conservation of Kho Than Sub-district Community, Tha Chang District, Surat Thani Province
..... Santi Suksard and Ratchada Srisakbangtoei 101

Short communications

- Agarwood Oil Production in Chanthaburi Province
..... Woralak Jindawech, Nikhom Laemsak and Pongsak Hengniran 112