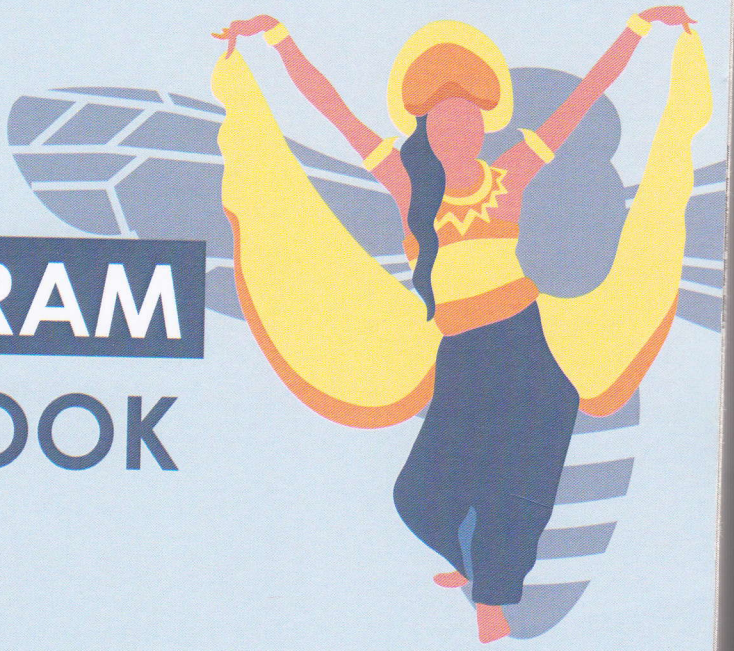
ICCESI

INTERNATIONAL CONFERENCE AND THE 10th CONGRESS
OF THE ENTOMOLOGICAL SOCIETY OF INDONESIA

KUTA, BALI - INDONESIA | 6-9 OCTOBER 2019



PROGRAM BOOK

"*Learning from the Past, Adapting for the Future: Advancements in Ethnoentomology and Entomological Sciences for Food Security and Health*"

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Organized by Entomological Society Indonesian (ESI)
in collaboration with Udayana University, IPB University,
Entomological Society of Malaysia (ENTOMA)

PERHIMPUNAN ENTOMOLOGI INDONESIA
MENGHIMPUN - MENGEMBANGKAN - MENGAMALKAN

UNIVERSITAS UDAYANA

INSTITUT PERTANIAN BOGOR

IPB University
— Bogor Indonesia —

PERSATUAN ENTOMOLOGI MALAYSIA
ENTOMOLOGICAL SOCIETY OF MALAYSIA

CONFERENCE PROGRAM ICCESI 2019

DATE	TIME	PROGRAMME
Sunday 06 October 2019	13.00-18.00	PEI Board Meeting & Technical Meeting for ICCESI
	19.00-21.00	Gala Dinner and Opening Remarks
Monday 07 October 2019	07.00-08.00	Registration
	08.00-08.30	Opening
	08.40-09.10	Keynote speech: Dr. Ir. Antarjo Dikin, M.Sc *The Role of Entomology in Agricultural Development in Indonesia*
	09.10-09.40	Keynote speech: Prof. Dr. Ary Hoffman *Frontier Research in Wolbachia-Insect Interaction*
	09.40-10.10	Keynote speech: Dr. Nicholas Cesard *Ethnoentomology: A new Frontier of Knowledge-Co-Production Across Society*
	10.10-10.30	Coffee break
	10.30-12.00	Invited speaker and discussion
	10.30-10.45	Prof. Dr. Jianguo Wang: *Diversity of Ambrosia beetle in Asia*
	10.45-11.00	Prof. Dr. Kazoyoshi Futai: *Insect and Plant Pathogen Interactions*
	11.00-11.15	Assoc. Prof. Dr. Abdul Hafiz Abdul Majid: *Molecular Marker in Entomology: Current and Future Application*
	11.15-11.30	Prof. Dr. Sadahiro Tatsuki: *Application of Insect Sex Pheromones for Crop Pest Management*
	11.30-11.45	Discussion
	11.45-13.00	Lunch break
	13.00-15.00	The 10th Congress of the Entomological Society of Indonesia 1. Report on the responsibilities of ESI management 2. Organisational discussion 3. Formation and procedures for the selection of the Presidency (internal meeting)
	15.00-16.00	Coffee break
	16.00-18.05	1. Parallel session for Oral Presentation 2. Special Theme: Insect Biodiversity & Sustainable Landscape 3. Linnaean Games Competition
	18.05-19.00	Dinner
	19.00-21.05	1. Parallel session for Oral Presentation

	Beetles (*Amasa* sp. and *Crossotarsus* sp.) on Clove Tree in North Sulawesi	Salaki
	New Record of *Silba adipata* McAlpine (Diptera: Lonchaeidae), a White Chili Pest (*Capsicum frutescens* L.) in Indonesia	**I Ngurah Mega Merta,** I Wayan Supartha
	First report of Fergusonina gall fly on *Eucalyptus urophyla* in Mt. Mutis, Timor Island	**Purnama Hidayat**, Betari Safitri, Lindung Tri Puspasari, Damayanti Buchori

Topic: Insect Biosystematics & Invasive Species II
Session-2 (17.05-18.05)

No	Title	Author
	Current Status of Invasive Alien Pest, *Liriomyza* spp (Diptera: Agromyzidae) and Their Parasitoids on Vageteble Crop in Bali	**I Wayan Eka Karya Utama**, I Kadek Wisma Yudha, I Wayan Susila, I Wayan Supartha
	Study on *Spodoptera frugiperda* and Its Natural Enemies in Lampung Province Indonesia	**Puji Lestari**, Hamim Sudarsono, FX. Susilo, Yuyun Fitriana, I Gede Swibawa, Radix Suharjo, Agus M. Hariri, Purnomo, Nuryasin, Solikhin, Lestari Wibowo
	Genus Coptotermes (Rhinotermitidae) in Sumatra and West Java: Morphological and Phylogenetic Studies	**Bramantyo Wikantyoso**
	Taxonomy and Ecology of Open-air Processional Columns Termite from Siklop Mountains, Papua	**Syaukani Syaukani**
	First report of White Grub, *Exopholis hypoleuca* Wiedemann (Coleoptera: Scarabaeidae) on *Eucalyptus* spp. (Myrtaceae) Plantations	**Irfan Pasaribu**, Heri Sunarko, Jupiter Abad, Srikumar Kkadan, Nike Grace Hanjelina Br Sinulingga, Álvaro Duran

Topic: Pollination Ecology I
Session-3 (19.00-20.00)

No	Title	Author
C-11	Beetle Infestation in Nests of *Tetragonula laeviceps* (Apidae: Meliponinae)	**Tri Atmowidi**, Bagus Nugroho, Windra Priawandiputra,

Abstract ID: C-07

STUDY ON *Spodoptera frugiperda* AND ITS NATURAL ENEMIES IN LAMPUNG PROVINCE INDONESIA

Puji Lestari*, Hamim Sudarsono, FX. Susilo, Yuyun Fitriana, I Gede Swibawa, Radix Suharjo, Agus M. Hariri, Purnomo, Nuryasin, Solikhin & Lestari Wibowo

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Spodoptera frugiperda is one of new invasive pest insect in Indonesia that was initially found in early 2019 in corn field at northern part of Sumatera island. Recently, it has been reported that this pest was already found in some corn field area in Sumatera, including Lampung as well as west part of Java and Sulawesi. As one of the biggest corn producing area in Indonesia, Lampung should be aware of the presence and the spread of this pest. This research was performed to confirm the presence of *S. frugiperda* in Lampung and investigate the damage including its natural enemies. Observation was conducted during February-April 2019 at four central corn-producing area in Lampung, namely Lampung Selatan, Pringsewu, Lampung Timur and Pesawaran. A purposive random sampling was used in this research. Twenty plants was randomly chosen as sample in every plot. The data collected in this research was species identity, plant damage, and its natural enemies. Identification was performed by morphological and molecular technique. Investigation of its natural enemies was conducted by field observation and collecting larvae as well as egg mass and taken to the laboratory to observe the emergence of the parasites. Based on morphological characteristics and molecular technique it was confirmed that the larvae was S. *frugiperda*. Plant damage caused by this pest was in the range of 25.60-79.12%. Two kinds of natural enemies found in this study, namely *Telenomus* sp. as egg parasite and Syrphid fly as the larvae parasite.

Keyword: corn, identification, natural enemies, plant damage, *Spodoptera frugiperda*