

CURRICULUM VITAE

Irwan Lovadi (he/him)

Nationality Indonesian
Present Position Lecturer (Assistant Professor) at the Department of Biology,
Universitas Tanjungpura Kalimantan Barat, Indonesia
Work address Jurusan Biologi Fakultas MIPA, Universitas Tanjungpura
Jl. Prof. Dr. H. Hadari Nawawi Pontianak Kalimantan Barat,
Indonesia, Email: Irwan.lovadi@fmipa.untan.ac.id

EDUCATION

Ph.D. Ecology and Evolution, 2020, James Cook University, Australia
M.App.Sc Tropical Plant Sciences, 2007, James Cook University, Australia
B.Sc. Biology, 2001, Universitas Lampung, Indonesia

AWARDS

2015 James Cook University Postgraduate Research Scholarship (declined)
2015 Australia Awards Scholarship
2004 Australian Development Scholarship

FELLOWSHIP & GRANTS

2021 WWF EFN Alumni Grant (US\$775). Event: Essentials of Spatial Ecology:
GIS Analysis in R - Online professional training hosted online by the
Smithsonian-Mason School of Conservation
2017 Skyrail Rainforest Foundation (A\$1746). Project title: Nitrogen economy
of the vulnerable rainforest sundew *Drosera schizandra*
2011 Second Rufford Small Grant (£5952). Project title: Promoting the
conservation of critically endangered *Nepenthes clipeata* in Kalimantan
Barat
2010 First Rufford Small Grant (£5970). Project title: Conservation of
critically endangered *Nepenthes clipeata* on Mt, Kelam, Kalimantan
Barat
2008 WWF EFN Professional Development Grant (US\$2650). Event: attending
a short course on Introduction to Marxan in the University of Queensland,
Australia
2004 Rio Tinto and Earthwatch Institute Indonesian Fellowship Program (for
joining an international research team of Earthwatch project)

PROFESSIONAL MEMBERSHIP

2015 – present Society of Indonesian Biodiversity Scientists
2025 – present Indonesian Society for Plant Taxonomy

RESEARCH INTERESTS

- Plant community ecology
- Ecology of carnivorous plants

EMPLOYMENT RECORD

2011 – present	Lecturer at the Department of Biology, Universitas Tanjungpura, Kalimantan Barat, Indonesia
2009 – 2011	Head of General Sub-division at Betung Kerihun National Park Bureau, Kalimantan Barat
2008 – 2009	Forest Specialist of Agency for Nature Conservation of Kalimantan Barat
2001 – 2008	Forest Specialist of Kutai National Park Agency, Kalimantan Timur

SELECTED TRAINING EXPERIENCES

2021	Essentials of Spatial Ecology: GIS Analysis in R - Online professional training (hosted online by the Smithsonian-Mason School of Conservation)
2013	IUCN Red List Assessor Training, hosted by Ministry of Forestry of the Republic of Indonesia (developed knowledge and skills assessing IUCN Red List Status)
2008	Introduction to Marxan (2008), hosted by Ecology Centre of the University of Queensland, Brisbane, Australia (developed basic skills in conservation planning)
2006	Botanical Internship Program, hosted by the Centre for Plant Biodiversity Research, Canberra, Australia (developed skills and knowledge in scientific naming and its principles, classification systems, and plant identification)
2003	Training on Tree Identification (Dipterocarp and non-Dipterocarp), hosted by Kutai National Park (KNP), East Kalimantan, Indonesia (developed skills in identification of dipterocarp and non-dipterocarp trees)

FIELD WORK EXPERIENCES

2024	Predation patterns of <i>Nepenthes</i> species in high altitudes
2022	DNA barcoding and phylogenetic of <i>Nepenthes</i> spp and their hybrids
2021	Habitat of <i>Utricularia gibba</i> in Kalimantan Barat
2017 – 2018	Insect predation by four carnivorous sundews of tropical north Queensland.
2013	Mosses and Liverworts in Mangrove Forest of Peniti, West Kalimantan.
2012	Urban mosses in Pontianak, West Kalimantan.
2008	Preliminary survey of the tortoise <i>Manouria emys</i> in KNP.
2006	Edge effects on epiphytic bryophyte communities in tropical rainforest on the Paluma Range, north Queensland, Australia

- 2004 Climate Change in the Rainforest: I joined an international research team to assist Dr. Stephen E. Williams of JCU, Australia in his project. I helped Dr. Williams to do surveys for reptiles, birds, small mammals and invertebrates
- 2003 Dipterocarp survey in KNP, East Kalimantan, Indonesia: I assisted Mr Boiga (Senior Forest Specialist at KNP) to carry out survey of dipterocarp in KNP

PUBLICATIONS

Selected peer-reviewed paper

Syahsabilla, A. O., Lovadi, I., Gusmalawati, D. and Rabbani, A. (2025) “Fern Communities in Post-Gold Mining Sites of West Kalimantan, Indonesia ”, *Journal of Tropical Biodiversity and Biotechnology*, 10(3), p. jtbb17932. doi: 10.22146/jtbb.17932.

Harun, N.A, Lovadi, I, Rahmawati, R & Joharudin, D. (2024). Basidiomycota Macrofungus Communities Across Four Altitudinal Ranges in Bukit Baka Bukit Raya National Park, Indonesia. *Journal of Tropical Biodiversity and Biotechnology*, 9(1). <https://doi.org/10.22146/jtbb.87309>

Sari, L.C.S., Lovadi, I., Wardoyo, E.R.P. & Randi, A. (2024). Ethnobotanical study on traditional cosmetics practiced by the Dayak Kayong of West Kalimantan, Indonesia. *Biodiversitas*, 25(7), pp. 2937–2944.

Lovadi, I., Ifadatin, S., & Andarisko, B. (2023). Preliminary study on the man-made habitat of *Utricularia gibba* L. in the tropical peatland environment. *IOP Conference Series. Earth and Environmental Science*, 1266(1), 12009. <https://doi.org/10.1088/1755-1315/1266/1/012009>

Lovadi, I, Cairns, A & Congdon, R (2012) A comparison of three protocols for sampling epiphytic bryophytes in tropical montane rainforest. *Bryophyte Diversity and Evolution* 34: 93-98.

PhD thesis

Nitrogen economies and trapping capacities of Australian tropical *Drosera*

Minor project report (for Master of Applied Science)

Edge effects on epiphytic bryophyte communities in tropical rainforest on the Paluma Range, north Queensland

Scientific magazine

Lovadi, I (2010) The effects of habitat edge on plants and animals (in Bahasa Indonesia). *Wana Tropika* 4: 4-7.

Book

Sugiharta, A, Sumidi & Lovadi, I (2012) Conservation for better future (in Bahasa Indonesia). Balai Taman Nasional Kutai. Bontang (in Bahasa Indonesia)

Final project report

Lovadi, I. (2012) Promoting the conservation of critically endangered *Nepenthes clipeata* in West Kalimantan (submitted to the Rufford Small Grant Foundation)

Lovadi, I. (2010) Conservation of critically endangered *Nepenthes clipeata* on Mt, Kelam, Kalimantan Barat (submitted to the Rufford Small Grant Foundation)