

ISSN : 0082 - 6340
E-ISSN : 2337 - 876X
Accredited : 158/E/KPT/2021



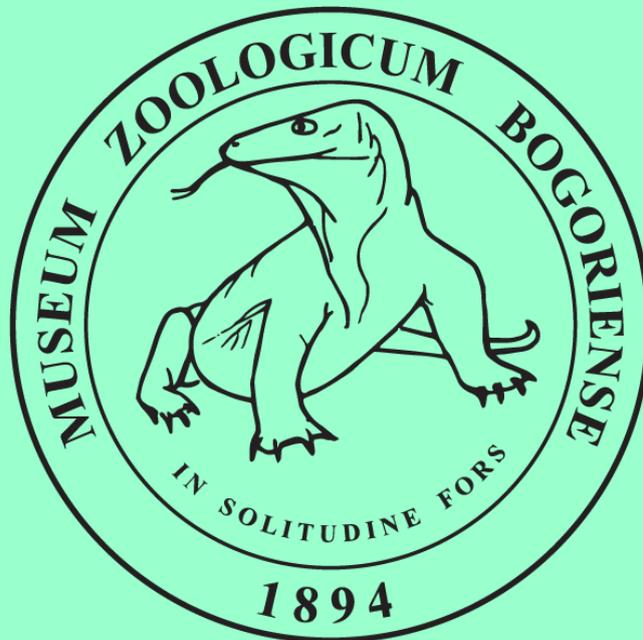
BRIN
BADAN RISET
DAN INOVASI NASIONAL

TREUBIA

*A JOURNAL ON ZOOLOGY
OF THE INDO-AUSTRALIAN ARCHIPELAGO*

Vol. 51, no. 2, pp. 101–174

December 2024



Published by

NATIONAL RESEARCH
AND INNOVATION AGENCY
INDONESIA

ISSN : 0082 - 6340
E-ISSN : 2337 - 876X
Accredited : 158/E/KPT/2021



*A JOURNAL ON ZOOLOGY
OF THE INDO-AUSTRALIAN ARCHIPELAGO*

Vol. 51, no. 2, pp. 101–174

December 2024



Published by
NATIONAL RESEARCH
AND INNOVATION AGENCY
INDONESIA

ISSN : 0082 - 6340
E-ISSN : 2337 - 876X
Accredited : 158/E/KPT/2021

TREUBIA

A JOURNAL ON ZOOLOGY OF THE INDO-AUSTRALIAN ARCHIPELAGO
Vol. 51, no. 2, pp.101–174, December 2024

Chief Editor:

Djunijanti Peggie, M.Sc., Ph.D., Scopus ID: 6506862710, ORCID: 0000-0002-2718-1281
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Managing / Handling Editors:

Kartika Dewi, M.Si., Ph.D., Scopus ID: 57212012417, ORCID: 0000-0002-8698-106X
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Dhian Dwibadra, Ph.D., Scopus ID: 35271852300, ORCID: 0000-0003-0403-7882
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Conni Margaretha Sidabalok, M.App.Sc., Ph.D., Scopus ID: 37041735300, ORCID: 0000-0002-4325-0558
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Dr. rer. nat. Ayu Savitri Nurinsiyah, Scopus ID: 57189345314, ORCID: 0000-0003-2595-6482
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

International Board of Editors: (in alphabetical order of the last name)

Dr. Paul Bates, M.A., Scopus ID: 56463571400, ORCID:0000-0003-3630-739X
Harrison Institute Bowerwood House, Sevenoaks, Kent, TN13 3AQ, UK

Prof. Dr. Jianlin Han, Scopus ID: 55498265900, ORCID: 0000-0002-3817-0764
International Livestock Research Institute (ILRI); Animal Genetics, Institute of Animal Science, Chinese Academy of Agricultural Sciences (CAAS), Beijing, China

Dr. Christoph L. Häuser, Scopus ID: 7101985091, ORCID: 0000-0001-6893-7180
Museum für Naturkunde - Leibniz Institute für Evolutions und Biodiversitätsforschung, 10115 Berlin, Germany

Dr. Alan T. Hitch, Scopus ID: 16063660300, ORCID:
University of California, Davis, CA 95616, USA

Prof. David A. Lohman, Ph.D., Scopus ID: 15848909700, ORCID: 0000-0002-0689-2906
Biology Department, City College of New York, New York, NY 10031, USA

Prof. Dr. Jimmy A. McGuire, Scopus ID: 7202221788, ORCID:
Department of Integrative Biology, Curator of Herpetology, Museum of Vertebrate Zoology, University of California Berkeley, CA 94720-3160, USA

Prof. Dr. Masaharu Motokawa, Scopus ID: 7102455168, ORCID: 0000-0002-5359-0070
Kyoto University Museum, Kyoto University, Kyoto, Japan

Dr. Ting Hui Ng, Scopus ID: 36090064900, ORCID: 0000-0002-5123-0039
Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah, Malaysia

Prof. Dr. Masahiro Ôhara, Scopus ID: 36896058000, ORCID: The
Hokkaido University Museum, Hokkaido University, Japan

Prof. Dr. Dewi Malia Prawiradilaga, M.Rur.Sc., Scopus ID: 6506909670, ORCID: 0000-0001-6566-6362
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Prof. Dr. Ir. Dwi Listyo Rahayu, Scopus ID: 6602222915, ORCID: 0000-0003-4342-9045
Division of Marine Resources Research, Research Center for Oceanography, National Research and Innovation Agency, Indonesia

Dr. Chris Reid, Scopus ID: , ORCID:
Australian Museum Research Institute, 1 William Street, Sydney, NSW, Australia 2010

Dr. Thomas von Rintelen, Scopus ID: 6506573894
Museum für Naturkunde - Leibniz Institute für Evolutions und Biodiversitätsforschung, 10115 Berlin, Germany

Dr. Kevin C. Rowe, ORCID: 0000-0002-1215-9153
Sciences Department, Museums Victoria, G.P.O. Box 666, Melbourne, Victoria, Australia

Dr. Stefan Theisen, Scopus ID: 56047285500
Universität Rostock, Germany

Dr. Rebecca Rundell, Scopus ID: 6602236863, ORCID:
State University of New York, USA

Prof. Dr. Rosichon Ubaidillah, M.Phil., Scopus ID: 6507239738, ORCID:
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Dr. Daisy Wowor, M.Sc., Scopus ID: 6602576848, ORCID: 0000-0002-4837-666X
Museum Zoologicum Bogoriense, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Reviewers contributed to this issue:

Dr. Tri Haryoko, M.Si., Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

M. Irham, M.Sc., Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Dr. Wartika Rosa Farida, Research Center for Applied Zoology, National Research and Innovation Agency, Indonesia

Vestidhia Yunisya Atmaja, M.Sc., Department of Biology, University of Bengkulu, Indonesia

Dr Colin R. Trainor, Research Institute for the Environment and Livelihoods, Charles Darwin University, Brisbane, Australia

Dr. Bas van Balen, Basilornis Consults, Netherlands

Prof. Dr. Hari Sutrisno, Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Prof. Dr. Jun-ichi Kojima, Faculty of Science, Ibaraki University, Mito, Japan

Endang Purwaningsih, previously Research Center for Biology, Indonesian Institute of Sciences, Indonesia

Dr. Rofiza Yolanda, S.Si, M.Si., Universitas Negeri Surabaya, Indonesia

Ristiyanti Marwoto, M.Si., Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Nova Mujiono, M.Si., Research Center for Biosystematics and Evolution, National Research and Innovation Agency, Indonesia

Herlina Putri Endah Sari, Department of Biology, Faculty of Engineering, Universitas Samudra, Langsa, Aceh 24416, Indonesia

Ameilia Zuliyanti Siregar, Universitas Sumatera Utara, Medan, Indonesia

Managing Assistant:

Andri Agus Rahman, S. Kom. - Directorate of repositories, multimedia and scientific publishing affairs, National Research and Innovation Agency, Indonesia

Layout:

Utami Dwi Astuti, S.S. - Directorate of repositories, multimedia and scientific publishing affairs, National Research and Innovation Agency, Indonesia

TREUBIA

NATIONAL RESEARCH AND INNOVATION AGENCY (BRIN)

Jl. Raya Jakarta-Bogor Km. 46, Cibinong, Bogor 16911, Indonesia

e-mail: treubia@gmail.com

<https://biologyjournal.brin.go.id/index.php/treubia>

CONTENT

Arif Mohammad Siddiq, Puji Firmansyah, Agung Sih Kurnianto, Muhammad Kurniawan, Nur Kholiq, and Hari Sulistiyowati

Extended distribution of two woodpecker species (*Micropternus brachyurus* and *Picus vittatus*) in Meru Betiri National Park, East Java, Indonesia **101–110**

Amat Ribut, Evy Arida, and Riyandi

Daily activity of earless monitor *Lanthanotus borneensis* Steindachner, 1878 in a captive environment **111–124**

Ferza Ayu Saputri, Kartika Dewi, Galuh Tresnani, Yuni Apriyanti, Nanang Supriatna, Yuli S. Fitriana, and Yuliadi Zamroni

Nematode parasites of rats from Kalimantan **125–140**

Mohammad Irham, Yong Chee Keita Sin, Sng Chen Xi, Yohanna, Tri Haryoko, Dewi M. Prawiradilaga, Rauri C.K. Bowie, and Frank E. Rheindt

Range extensions of Diabolical Nightjar *Eurostopodus diabolicus* and Indonesian Serin *Chrysocorythus estherae* on Sulawesi of the Wallacea region **141–156**

Diah Pusparina, I Wayan Suana, Raden Pramesa Narakusumo, and Hari Nugroho

Variation of morphometric characters and marking pattern among the Indonesian populations of the lesser banded hornet, *Vespa affinis* (Hymenoptera: Vespidae) based on the specimens in the collection of Museum Zoologicum Bogoriense (MZB) **157–168**

Raja Rhamdany Harahap and Abdul Mutholib Shahroni

Record of two endemic damselflies from Obi Island, Moluccas, Indonesia with habitat description **169–174**