

CONTENTS

(continued from front cover)

[Conservation & Ecology] Prevalence of avian haemosporidians among understory birds of Mt. Banahaw de Lucban, Philippines. Bianca Kaye C. Ong, Vachel Gay V. Paller, Anna Pauline O. de Guia, Juancho B. Balatibat & Juan Carlos T. Gonzalez	279
[Taxonomy & Systematics] First record and description of a new species of the land snail genus <i>Pearsonia</i> Kobelt, 1902 (Cyclophoridae: Pterocyclinae) from Thailand, with a note on radula morphology. Sakbown Tumpeesuwan & Chanidaporn Tumpeesuwan	287
[Taxonomy & Systematics] <i>Sinoemnea loeiensis</i> , a new species of diapherid microsnail (Pulmonata: Streptaxoidea: Diapheridae) from Phu Pha Lom Limestone Hill, Loei Province, Northeastern Thailand. Kitti Tanmuangpak, Pongrat Dumrongrojwattana, Chanidaporn Tumpeesuwan & Sakbown Tumpeesuwan	293
[Taxonomy & Systematics] Species of the anglerfish genus <i>Chaunax</i> from Indonesia, with descriptions of two new species (Lophiiformes: Chaunacidae). Hsuan-Ching Ho, Toshio Kawai & Fayakun Satria	301
[Taxonomy & Systematics] A taxonomic review of the Oriental <i>Laccophilus javanicus</i> species group (Coleoptera: Dytiscidae). Jiří Hájek & Michel Brancucci	309
[Taxonomy & Systematics] Description of a new genus and a new species of the family Camptandriidae Stimpson, 1858 (Crustacea: Decapoda: Brachyura) from Lower Kinabatangan-Segama Wetlands, Sabah, Malaysia. Tohru Naruse, Arthur Y. C. Chung & Joseph Tangah	327
[Taxonomy & Systematics] Zoantharia (Cnidaria: Anthozoa: Hexacorallia) of the South China Sea and Gulf of Thailand: a species list based on past reports and new photographic records. James Davis Reimer, Hin Boo Wee, Ang Put Jr. & Bert W. Hoeksema	334–356
[Conservation & Ecology] Environmental variables structuring the stream gobioid assemblages in the three protected areas in Southern Luzon, Philippines. Mark Nell C. Corpuz, Vachel Gay V. Paller & Pablo P. Ocampo	357
[Taxonomy & Systematics] Molecular phylogenetic relationships and intra-species diversities of three <i>Eurosaptor</i> spp. (Talpidae: Lipotyphla: Mammalia) from Vietnam. Akio Shinohara, Shin-ichiro Kawada, Nguyen Truong Son, Dang Ngoc Can, Shinsuke H. Sakamoto, Chihiro Koshimoto	366
[Conservation & Ecology] Assessing large mammal and bird richness from camera-trap records in the Hukaung Valley of Northern Myanmar. Hla Naing, Todd K. Fuller, Paul R. Sievert, Timothy O. Randhir, Saw Htoo Tha Po, Myint Maung, Antony J. Lynam, Saw Htun, Win Naing Thaw & Than Myint	376
[Conservation & Ecology] Ecology and natural history of the knobby newt <i>Tylototriton podichthys</i> (Caudata: Salamandridae) in Laos. Somphouthone Phimmachak, Bryan L. Stuart & Anchalee Aowphol	389
[Conservation & Ecology] Tropical polychaete community and reef dynamics: insights from a Malayan <i>Sabellaria</i> (Annelida: Sabellariidae) reef. Gianluca Polgar, Eijiroh Nishi, Izwandy Idris & Christopher J. Glasby	401
[Taxonomy & Systematics] Two new species of the genus <i>Upogebia</i> Leach, 1814 (Crustacea: Decapoda: Gebiidea: Upogebiidae) from the South China Sea. Wenliang Liu	418
[Taxonomy & Systematics] A new cave-dwelling copepod from northeastern Thailand (Cyclopoida: Cyclopidae). Santi Watiroyram, Anton Brancelj & La-or Sri Sanoamuang	426
[Conservation & Ecology] Soft substrate crinoids (Crinoidea: Comatulida) and their macrosymbionts in Halong Bay (North Vietnam). Mekhova ES & Britayev TA	438
[Corrigendum] Kartika Dewi, Hideo Hasegawa & Mitsuhiro Asakawa (2014) Description of two new species of Syphacia (Nematoda: Oxyuridae) collected from <i>Eropeplus canus</i> (Rodentia: Muridae), an endemic rat of Sulawesi, Indonesia, with proposal of new subgenera. <i>Raffles Bulletin of Zoology</i> 62: 647–654	446
[Taxonomy & Systematics] <i>Sundathelphusa spelaephila</i> , a new species of cavernicolous crab from Samar, Philippines (Decapoda: Brachyura: Gecarcinucidae). G. Stasolla, A. Abbarchi & G. Innocenti	448
[Taxonomy & Systematics] A new species of tree-hole dwelling freshwater crab of the genus <i>Arachnothelphusa</i> Ng, 1991 (Crustacea: Decapoda: Brachyura: Gecarcinucidae) from northern Sarawak, Malaysia, Borneo. Jongkar Grinang, Pui Yong Min & Peter K. L. Ng	454
[Taxonomy & Systematics] On the polythecate earthworms of the genus <i>Metaphire</i> (Oligochaeta: Megascolecidae) from Vietnam, with descriptions of three new species. Tung, T. Nguyen, Binh K.T. Trinh, Nhan V. Le & Anh D. Nguyen	461
[Conservation & Ecology] Canopy crane survey of the hemipteran assemblage structure in a Bornean forest. Keiko Kishimoto-Yamada, Tadashi Ishikawa, Masayuki U. Saito, Paulus Meleng, Hiroshi O. Tanaka & Takao Itioka	471
[Taxonomy & Systematics] On the validity of Noah's giant clam <i>Tridacna noae</i> (Röding, 1798) and its synonymy with Ningaloo giant clam <i>Tridacna ningaloo</i> Penny & Willan, 2014. Philippe Borsa, Cécile Fauvelot, Serge Andréfouët, Tsun-Thai Chai, Hirofumi Kubo & Li-Lian Liu	484
[Taxonomy & Systematics] A new species of the genus <i>Sinoemnea</i> Kobelt, 1904 (Pulmonata: Diapheridae) from Son La, Northwestern Vietnam. Do Duc Sang & Do Van Nhuong	490



Published by the Lee Kong Chian Natural History Museum, National University of Singapore

Articles appearing in this journal are indexed in: SCIENCE CITATION INDEX®; CURRENT CONTENTS®; AGRICULTURE, BIOLOGY & ENVIRONMENTAL SCIENCE; SCISEARCH®; RESEARCH ALERT®; BIOLOGICAL ABSTRACTS®; CAMBRIDGE SCIENTIFIC ABSTRACTS®; AQUATIC SCIENCES & FISHERIES ABSTRACTS

Layout by Photoplates Pte Ltd

The Raffles Bulletin of Zoology

An International Journal of Southeast Asian Zoology

CONTENTS

Editorial: Raffles Bulletin of Zoology – Fully electronic for one year and what's ahead. H. H. Tan	1
[Taxonomy & Systematics] New species of “vampire crabs” (<i>Geosesarma</i> De Man, 1892) from central Java, Indonesia, and the identity of <i>Sesarma</i> (<i>Geosesarma</i>) <i>nodulifera</i> De Man, 1892 (Crustacea, Brachyura, Thoracotremata, Sesarmidae). Peter K. L. Ng, Christoph D. Schubart & Christian Lukhaup	3
[Taxonomy & Systematics] Review of the dwarf <i>Glossogobius</i> lacking head pores from the Malili lakes, Sulawesi, with a discussion of the definition of the genus. Douglass F. Hoese, Renny Kurnia Hadiaty & Fabian Herder	14
[Conservation & Ecology] First investigation on the diet of the eastern grass owl during the nesting period in Thailand. Akalak Kunsorn, Siriwadee Chomdej, Narit Sitasuwan, Prasit Wangpakapattawong, Chatmongkon Suwannapoom & Brett K. Sandercock ..	27
[Taxonomy & Systematics] Description of <i>Orthoprotella bicornis</i> , new species, and <i>Paraprotella teluksuang</i> , new species (Crustacea: Amphipoda) from Johor, Malaysia with special reference to unusual sexual bias towards females in <i>Paraprotella</i> . Jacqueline Hui Chern Lim, Bin Haji Ross Othman & Ichiro Takeuchi	33
[Taxonomy & Systematics] Three new species of <i>Ligophorus</i> Euzet & Suriano, 1977 (Monogenea: Ancyrocephalidae) from <i>Moolgarda buchanani</i> (Bleeker) off Johor, Malaysia based on morphological, morphometric and molecular data. Soo OYM, Tan WB & Lim LHS	49
[Taxonomy & Systematics] The correct generic name for the Great Argus (Aves: Phasianidae). Jiří Mlíkovský	66
[Taxonomy & Systematics] The Eneopterinae crickets from Leyte Island (Philippines) with description of two new species [Insecta: Orthoptera: Grylloidea: Gryllidae]. Tony Robillard & Sheryl Yap	69
[Conservation & Ecology] Dietary analysis of five insectivorous bat species from Kamphaeng Phet, Thailand. Robbie Weterings, Joske Wardenaar, Scott Dunn & Chanin Umponstira	91
[Taxonomy & Systematics] <i>Gasterapophus</i> (Opiliones: Laniatores: Epedanidae), a new genus from Hainan Island, South China Sea. Chao Zhang, Wei-Guang Lian & Feng Zhang	97
[Taxonomy & Systematics] Revision of the spider crab genus <i>Maja</i> Lamarck, 1801 (Crustacea: Brachyura: Majoidea: Majidae), with descriptions of seven new genera and 17 new species from the Atlantic and Indo-West Pacific. Peter K. L. Ng & Bertrand Richer De Forges	110
[Taxonomy & Systematics] Two new species of the freshwater crab genus <i>Sundathelphusa</i> Bott, 1969 (Crustacea: Brachyura: Gecarcinucidae) from Negros Island, Philippines. Daniel Edison M. Husana, Tomoki Kase & Jose Christopher E. Mendoza	226
[Conservation & Ecology] Shoaling behaviour in the pygmy halfbeak <i>Dermogenys collettei</i> (Beloniformes: Zenarchopteridae): comparing populations from contrasting predation regimes. Jonathan K.I. Ho, Martin Plath, Bi Wei Low, Jia Huan Liew, Youguang Yi, Amirrudin Ahmad, Heok Hui Tan & Darren C.J. Yeo	237
[Taxonomy & Systematics] Discovery of a substantial continental population of the subfamily Sicydiinae (Gobioidei: Gobiidae) from Vietnam: Taxonomic revision of the genus <i>Stiphodon</i> from the western South China Sea. Ken Maeda, Hau Duc Tran & Heok Hui Tan	246
[Conservation & Ecology] Phylogeography of three endemic birds of Maratua Island, a potential archive of Bornean biogeography. Vivien L. Chua, Quentin Philipps, Haw Chuan Lim, Sabrina S. Taylor, Dency F. Gawin, Mustafa Abdul Rahman, Robert G. Moyle & Frederick H. Sheldon	259
[Conservation & Ecology] Rapid population recovery of <i>Ocypode ceratophthalmus</i> (Pallas, 1772) (Crustacea: Brachyura: Ocypodidae) after an oil spill in Singapore. Shirley S. L. Lim & Adeline Y. P. Yong	270

(continues on back cover)

Volume 63

31 December 2015

The Raffles Bulletin of Zoology | R B Z | rnbr.nus.edu.sg/rbz/

The Raffles Bulletin of Zoology (RBZ) is an online, peer-reviewed journal which publishes high quality papers in Taxonomy, Systematics, Ecology, and Conservation Biology of animals from Southeast Asia and its adjacent areas. The Journal aims to build up quality information on the “animal diversity” of Southeast Asia in particular. Papers from outside the stated geographic range that deal with material deposited in the Zoological Reference Collection (ZRC) of the Lee Kong Chian Natural History Museum, National University of Singapore (NUS) will also be published. Both descriptive and experimental papers will be considered. Single species descriptions and ecosystem studies will be considered for publication. Papers outside the stated policy will be accepted at the discretion of the Editors/Editorial Board.

EDITORIAL BOARD

Barry W. Brook (Charles Darwin University, Australia) • **Chou Loke Ming** (NUS, Singapore) • **Indraneil Das** (Universiti Malaysia Sarawak, Malaysia) • **R. A. I. Drew** (Griffith University, Australia) • **Hugh A. Ford** (University of New England, Australia) • **Fabian Herder** (Zoologisches Forschungsmuseum Alexander Koenig, Germany) • **Michel Jangoux** (University of Brussels, Belgium) • **Maurice Kottelat** (Cornol, Switzerland) • **Damir Kovac** (Senckenberg Museum, Germany) • **Kelvin K. P. Lim** (NUS, Singapore) • **John E. Randall** (Bernice P. Bishop Museum, USA) • **Fred Sheldon** (Louisiana State University, USA) • **Daniel Simberloff** (University of Tennessee, USA) • **S. H. Tan** (NUS, Singapore) • **Y. Tsubaki** (Center for Ecological Research, Kyoto University, Japan) • **E. O. Wilson** (Harvard University, USA) • **S. Yamagishi** (Kyoto University, Japan) • **H. S. Yong** (University of Malaya, Malaysia).

MANAGING EDITORIAL BOARD

EDITOR-IN-CHIEF: Peter K. L. Ng (NUS, Singapore)

MANAGING EDITOR: Tan Heok Hui (NUS, Singapore)

ASSOCIATE EDITORS: Kevin Conway (Texas A&M University, USA) • Hwang Wei Song (NUS, Singapore) • Zeehan Jaafar (NUS, Singapore) • Sebastian Klaus (Johan Wolfgang Goethe-Universität Biologicum, Germany) • Jeffrey Kwik Teik Beng (NUS, Singapore) • Leong Tzi Ming (NUS, Singapore) • Li Daiqin (NUS, Singapore) • Norman Lim T-Lon (University California, Davis, USA) • Rudolf Meier (NUS, Singapore) • Jose Christopher E. Mendoza (NUS, Singapore) • Tohru Naruse (University of Ryukyus, Japan) • James Reimer (University of Ryukyu, Japan) • Frank E. Rheindt (NUS, Singapore) • Tan Koh Siang (TMSI, Singapore) • Tan Siong Kiat (NUS, Singapore) • Peter A. Todd (NUS, Singapore) • Tran Anh Duc (Hanoi University of Science, Vietnam) • Tan Siong Kiat (NUS, Singapore) • Martyn Low (NUS, Singapore) • Marcus A. H. Chua (NUS, Singapore) • John S. Ascher (NUS, Singapore) • Huang Danwei (NUS, Singapore)

COPY EDITOR: Jeremy W. L. Yeo (NUS, Singapore)

WEBMASTER: Chua Keng Soon (NUS, Singapore)

PUBLICATION DETAILS

The Raffles Bulletin of Zoology will consist of a single volume each year, continuing the sequence of its two predecessors, **Bulletin of the Raffles Museum** (1928–1960) and **Bulletin of the National Museum of Singapore** (1961–1970). A separately numbered supplement series will be published as and when manuscripts and funding permit. In order to satisfy the International Code of Zoological Nomenclature (ICZN, Fourth Edition, International Trust of Zoological Nomenclature, London; amendment to Article 8, Zootaxa, 3450: 1–7, ZooKeys, 219: 1–10), the Journal will register the names in ZooBank before publication and the LSIDs will be indicated on the first page of each paper. The Journal will be archived in LOCKSS so that all new names (and nomenclatural acts) published in the electronic-only Journal will be considered published and available.

COPYRIGHT AND EXCHANGES

All articles published by the RBZ may be downloaded from <http://lkcnhm.nus.edu.sg/nus/index.php/nhmpublications/rbz> for research purposes. A condition of publication is that authors assign publication rights to **The Raffles Bulletin of Zoology**. After publication, authors may use the article without prior permission from the Journal provided acknowledgement is given to the Journal as the original source of publication. It is the responsibility of authors to obtain permission to use copyright material from other sources. For permissions and copyright matters, please contact the Managing Editor at heokhui@nus.edu.sg.

PUBLISHER’S ADDRESS

The Raffles Bulletin of Zoology • Lee Kong Chian Natural History Museum • Faculty of Science • National University of Singapore • 2 Conservatory Drive • Singapore 117377 • Republic of Singapore

The Raffles Bulletin of Zoology is online at <http://lkcnhm.nus.edu.sg/nus/index.php/nhmpublications/rbz>

ISSN 2345-7600 (electronic) | ISSN 0217-2445 (print)

INSTRUCTIONS TO AUTHORS

Submission of manuscripts. All manuscripts are to be submitted via email to RBZ@nus.edu.sg, with a list of at least two potential reviewers. Where possible, authors are encouraged to deposit representative material from papers published in the RBZ with the Zoological Reference Collection (ZRC) of the Lee Kong Chian Natural History Museum (LKCNHM), National University of Singapore.

Presentation. Documents produced with Microsoft® Word (.doc) are preferred. Text must be double-spaced throughout. The title page should contain the full title, author’s name, professional affiliation and email address, and a short running title of not more than 35 characters. All articles should be accompanied by an abstract of not more than 300 words and 4–8 key words. All scientific names used or proposed must be in accordance with the 4th Edition of the International Commission of Zoological Nomenclature (1999). Telegraphic style is recommended for descriptions, diagnoses, and keys in taxonomic papers. The holotype must be clearly designated and depositories for all type specimens must be clearly stated, including catalogue numbers if possible. Descriptions of new taxa by one author in a paper under another’s name are strongly discouraged (e.g., Lim, in Tan & Ong, 1986). Synonymies must be cited in the short form (taxon, author, year, page), with full references at the end of the paper.

Literature cited. All references cited in the text, including taxonomic authorities for any scientific names, should be included in the LITERATURE CITED section. References are to be cited in the text by the author’s family name or surname and year of publication, e.g., (King et al., 1975; Nakasone & Agena, 1984; Murphy, 1990). Citations are listed at the end of the manuscript in alphabetical and chronological order. Journal references should include year of publication, title of paper, **full title of journal**, volume number, and page numbers. Book references should include year of publication, title of book chapter, editor (if any), title of book, publisher, city of publication, and the page numbers of the chapter or the book.

Review. All manuscripts will be sent to an Associate Editor who will have them reviewed by two referees. The Associate Editor decides on provisional acceptance or rejection based on comments submitted by the referees. After acceptance, the manuscript must be revised and emailed to the Associate Editor for verification.

Page and colour page charges. There are no page or colour page charges. Authors with papers longer than 20 pages are advised to write to the Managing Editor before submission.

Proofs and reprints. Proofs in PDF format are emailed to authors for correction and approval, together with the copyright transfer and reprint order forms. Reprint orders are taken with returned proofs. Authors will receive an electronic reprint in PDF format for personal use (note that copyright remains with the publisher). Hard copy reprints cost S\$1.00 per page without colour plates, and S\$2.00 for a page with colour plates.

Detailed instructions to authors are available at <http://lkcnhm.nus.edu.sg/nus/index.php/instructions>

CONTENTS

(continued from back cover)

[Taxonomy & Systematics] On a new species of <i>Sundathelphusa</i> Bott, 1969 (Crustacea: Brachyura: Gecarcinucidae) from southeastern Borneo. Peter K. L. Ng	494
[Conservation & Ecology] Results of a nationwide census of the long-tailed macaque (<i>Macaca fascicularis</i>) population of Singapore. Crystal M. Riley, Srikantan L. Jayasri & Michael D. Gumert	503
[Conservation & Ecology] Sleeping site selection in two Asian viverrids: effects of predation risk, resource access and habitat characteristics. Wanlop Chutipong, Robert Steinmetz, Tommaso Savini & George A. Gale	516
[Taxonomy & Systematics] A new species of the genus <i>Phoxocephalus</i> from Pulau Tioman, Malaysia (Crustacea: Amphipoda: Phoxocephalidae). Myung-Hwa Shin, B. A. R. Azman & Won Kim	529
[Taxonomy & Systematics] A new species of <i>Polyonyx</i> Stimpson, 1858 (Crustacea: Decapoda: Anomura: Porcellanidae) from the PANGLAO 2004 Marine Biodiversity Project in the Philippines. Masayuki Osawa	536
[Conservation & Ecology] Comparative movement analysis for a sympatric dhole and golden jackal in a human-dominated landscape. Kate E. Jenks, Ellen O. Aikens, Nucharin Songsasen, Justin Calabrese, Chris Fleming, Naris Bhumpakphan, Sawai Wanghongsa, Budsabong Kanchanasaka, Melissa Songer & Peter Leimgruber	546
[Short Communications] An update to the Inland Fishes of Pulau Tioman, Malaysia. H. H. Tan, B. W. Low, Darren C. J. Yeo & Kelvin K. P. Lim	555
[Taxonomy & Systematics] Taxonomy of the semiterrestrial crab <i>Lepidothelphusa cognettii</i> (Nobili, 1903) (Crustacea: Decapoda: Brachyura: Gecarcinucidae), with descriptions of five new species from Sarawak, Malaysia, Borneo. Jongkar Grinang & Peter K. L. Ng	564
[Taxonomy & Systematics] New species of fast-running flies (Diptera: Empidoidea, Hybotidae, Tachydromiinae) from mangroves in Singapore. Patrick Grootaert & Igor Shamshev	583
[Taxonomy & Systematics] A new stygobitic prawn of the genus <i>Macrobrachium</i> Spence Bate, 1864, from anchialine caves in Christmas Island, Indian Ocean; with a rediagnosis of <i>M. miyakoense</i> Komai & Fujita, 2005 (Crustacea: Decapoda: Caridea: Palaemonidae). Yoshihisa Fujita, Peter J. F. Davie & Peter K. L. Ng	610