

Somsak Panha and His Contribution to Southeast Asian Biodiversity Research

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ACADEMIC LIFE

The eldest of six children, Somsak Panha was born on May 6th, 1958, in Ban Mi District, Lop Buri Province, Thailand. His father was an employee at Chonlaprathan Cement Company and Somsak spent his early years with his parents where he attended a primary school in Takhli District, Nakhon Sawan Province. Around 1969, he returned to Lop Buri, attending Thepsatri Teacher's College and staying with his grandmother, spending holiday breaks with his parents in Nakhon Sawan. During his early life in Ban Mi, he enjoyed a lifestyle typical of farming communities. Somsak and his friends learned how to classify wide varieties of freshwater aquatic molluscs (ampullarid snails and unionid mussels) and fishes caught from his grand-father's rice fields for food. After the rice harvesting season, he also gained hunting skills for murid rodents (*Bandicota* sp. and *Rattus* sp.) from his elder relatives. Somsak's early life in a family close to nature, inspired a life-long interest in the natural world.

In 1975, Somsak enrolled in a bachelor's degree program in Biology Education at Srinakharinwirot University (Prasarnmit Campus), Bangkok, where he developed an enthusiastic desire to teach biology and zoology. After he graduated in 1978, he received his first scholarship from the University Development Commission (UDC) for a postgraduate study in biology. He then pursued his master's degree at the Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok. In 1981, he graduated with a Master of Science in Zoology in a field of invertebrate zoology (taxonomy) under the supervision of Professor Paibul Naiyanetr, a distinguished carcinologist who is an expert on terrestrial and freshwater decapods.

At the time of his master's studies, the Department of Biology of Chulalongkorn University was the centre of taxonomic research in Thailand and it harboured the most extensive invertebrate collection. His Master's study culminated in his thesis entitled "Edible Invertebrate in the Eastern and Western Thailand". This study further cultivated his exceptional passion for an enor-

mous diversity of invertebrates, especially decapods and molluscs, and also for undertaking field surveys in natural habitats. While studying at Chulalongkorn University, Somsak met Peter K.L. Ng (currently a professor, carcinologist and senior advisor of Lee Kong Chian Natural History Museum (LKCNHM), Singapore), who came to Thailand to study the freshwater crab collection of Professor P. Naiyanetr. Both continue to enjoy a permanent friendship. After his master graduation in 1981, Somsak became a lecturer at King Mongkut's Institute of Technology Ladkrabang (KMIT) before returning to Chulalongkorn University in 1984 where he held a position at the Department of Biology, Faculty of Science. In this he received significant support from the late Professor Dr. M.R. Putti-pongse Varavudhi, the head of the department at that time, who established the Primate Research Unit for the promotion of biochemical and biodiversity research in Thailand.

In 1985, Somsak was the first scholar to receive the Hitachi Scholarship from the Hitachi Global Foundation to pursue his doctoral degree in Japan. For almost four years, he studied under the supervision of Professor Toshitaka Hidaka at Kyoto University. The research group under Professor T. Hidaka encompassed students with diverse interests ranging from behavioural ecology and reproductive biology to systematic research on various vertebrates. By being in this group, Somsak established deep and lasting friendships and collaboration with distinguished Japanese herpetologists, notably Professor Masafumi Matsui (Kyoto University) and Professor Hidetochi Ota (University of Hyogo). Somsak earned his Doctor of Science in Zoology and returned to Thailand in 1988. His doctoral dissertation was devoted to the reproductive biology of the edible snail, *Hemiplecta distincta*. In addition to having obtained a prestigious doctorate from Japan, Somsak mastered fluent Japanese and gained a great appreciation of Japanese food and culture.

RESEARCH CAREER

Since 1984, Somsak has been a lecturer at the Department of Biology, Faculty of Science, Chulalong-

korn University. An early career interest was in aquaculture research, particularly in aquatic molluscs, notably a survey of the unionid freshwater mussels in the Chao Phraya River Basin in which he developed a mantle transplanting technique for pearl production in the giant freshwater clam, *Chamberlainia hainesiana*. Several research articles relating to other freshwater molluscs were also published at this time. While engaged on freshwater molluscan research, Somsak realised that the ‘research niche’ of terrestrial snail in Thailand continued to be unoccupied. Recognizing the enormous potential for this field of study, he turned his attention to research, primarily on the taxonomy and systematics, of Thai terrestrial snail.



Somsak Panha cultured giant freshwater clam, *Chamberlainia hainesiana*, in Khwae Noi River, Kanchanaburi, Thailand, around year 1990. Courtesy by Sunan Panha.

Fortunately, two national grant awarding agencies, The Thailand Research Fund (TRF) and The Biodiversity Research and Training Program (BRT), were established consecutively around 1990s. As being one of the first Thai malacologists, Somsak was among the first to obtain prestigious research funds from these agencies to explore land snail diversity and establish a

land snail research team in Thailand. With the collaboration with the late Professor John B. Burch, the prominent American malacologist from University of Michigan, USA, Somsak started with the study of poorly-known and limestone restricted hypselostomatid and diplommatinid microsnails. His finding led to the discovery of several genera and species of microsnails new to science, the results of which were published in more than 20 articles in international journals. Later Somsak and his team expanded the research to include other land snail group such as the tree snails *Amphidromus* and other land snails with a reflected lip in the family Camaenidae, the carnivorous snail family Strep-taxidae, the highly diverse snail families Ariophantidae and Helicarionidae, and the ground dwelling operculated snail family Cyclophoridae. In this regard he had been appointed as the Adjunct Curator of Mollusks at the Museum of Zoology, University of Michigan, Ann Arbor, the Research Associate in Zoology of the Field Museum of Natural History, Chicago, and the President of the Council of Unitas Malacologica. In 2010, Somsak and his team were honoured to host the 17th World Congress of Malacology 2010 in Phuket, Thailand, which was the first congress in malacology held in Asia. The congress was acclaimed as a great success and the participants were delighted with the splendid venue, delicious food, and the traditional warmth, hospitality, and smiling faces of their Thai hosts.

Notwithstanding that Somsak was already a world expert in the study of land snails in Thailand, he realized that basic research on other highly diverse but neglected soil macroinvertebrates, such as millipedes, centipedes and earthworms, was urgently needed, there being no Thai myriapod and earthworm taxonomists at that time. This led to the decision of Somsak to participate in several international projects since 2005, i.e., the Thai-French Project (2002–2009), the Darwin Initiative Project (2006–2011), and CU-POTIER Joint research project on Biodiversity (2012–2014). He received substantial grants from these projects and several other sources and foundations, including the research grant on Limestone Biodiversity from the Office of the Higher Education Commission (OHEC) in 2007, and grants from The Royal Golden Jubilee Ph.D. Scholar (2000–2011). As a result, the ‘Macro Soil Fauna Project’ was launched, and Somsak established the Animal Systematics Research Unit (ASRU) at Chulalongkorn University, collaborating with many distinguished world experts in several invertebrate groups.

To date, this highly successful program on soil invertebrate research has resulted in over 200 published research articles in highly reputable international journals. So far, Somsak and his team have described a



Somsak Panha (ninth from left) as the President of the Council of Unitas Malacologica and the Chairman of the 17th World Congress of Malacology 2010, together with his staff in Phuket, Thailand, July 2010.

total of one new family of carnivorous land snail (family Diapheridae), nine new genera of land snails and eleven of millipedes; 389 new species and subspecies (184 land snails, 3 freshwater bivalves, 49 earthworms, 2 leeches, 148 millipedes, and 3 centipedes; see below). Not only this fundamental knowledge of land snails, myriapods, earthworms and some other invertebrates in Thailand progressed dramatically, but the projects have also delivered a new generation of Thai taxonomists with successful careers in academia. Until now, Somsak has supervised a total of 10 masters students, 22 Ph.D. students, and 2 postdoctoral researchers, who currently hold positions in several universities and other governmental institutions, resulting in a dynamic network of research collaboration. This collective research group has engaged widely with the global academic community and gained high profile international recognition. Led by Somsak, in 2017 the research group was chosen to host the 17th International Congress of Myriapodology in Krabi, Thailand; it was the first congress in myriapodology in Asia. In addition, Somsak recognises the importance of regional collaboration within Southeast Asia and he initiated the first Southeast Asian Malacological Conference, which was jointly-hosted by Chulalongkorn University, the

Universiti Malaysia Sabah and National University of Laos in 2022.

These successful outcomes would not have been possible without support and collaboration from experts worldwide, contributing as co-researchers and co-advisors of Thai postgraduate research students. Members of the program's project team are sincerely grateful for the support from eminent researchers: Professor Henrik Enghoff, the Natural History Museum of Denmark (Zoological Museum), Denmark; Professor Sergei I. Golovatch, Russian Academy of Sciences, Russia; Professor Gregory D. Edgecombe, Professor Fred Naggs and Jonathan Ablett, the Natural History Museum, London, UK; Assistant Professor Chris Wade, University of Nottingham, UK; Professor Jean-Jacques Jaeger, University of Poitiers/CNRS, France; Professor Thierry Backeljau, Royal Belgian Institute of Natural Sciences, Belgium; Professor Pavel Stoev, the National Museum of Natural History, Bulgaria; Barna Páll-Gergely, Centre for Agricultural Research, Hungary; Professor Samuel W. James, University of Iowa, USA; Professor Diarmaid Ó Foighil and Taehwan Lee, Museum of Zoology, University of Michigan, USA; Professor Takahiro Asami, Shinshu University, Japan; Associate Professor Mamoru Toda, University of the



Somsak Panha in front of the Senckenberg Museum Frankfurt, Germany, around year 1995. Courtesy by Sunan Panha.

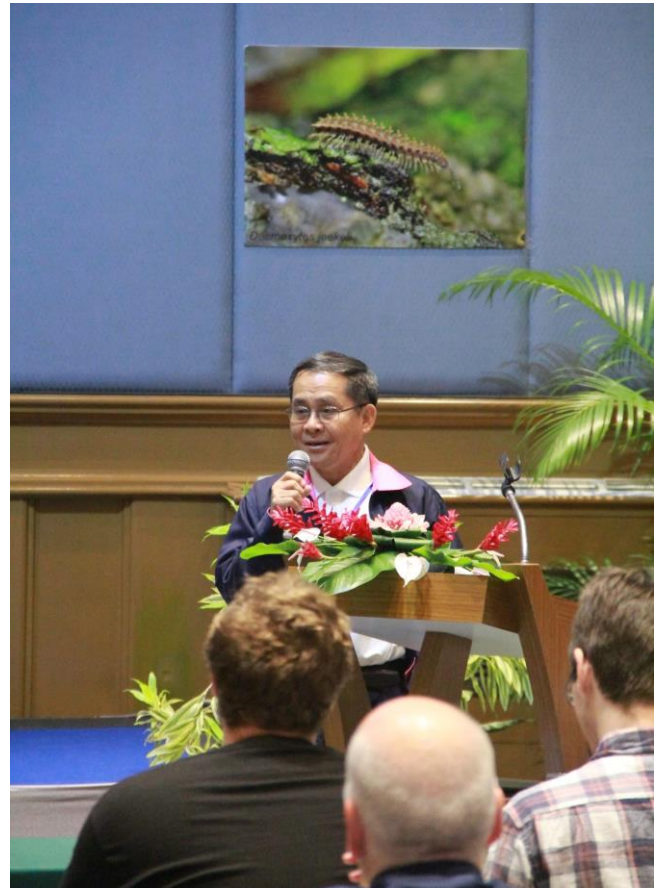


Somsak Panha during research visit in Ann Arbor, Michigan, USA, around year 1996. From Left to right: T. Asami, J. B. Burch, S. Panha, P. Burch and W. R. Hoeh. Courtesy by Sunan Panha.

Ryukyus, Japan; Professor Yuichi Oba, Chubu University, Japan; Aung Lin, Fauna and Flora International, Myanmar; Phanara Thach, Samol Chhuoy, and Peng Bun Ngor, Inland Fisheries Research and Development Institute, Fisheries Administration, Cambodia; Shau-Hwai Aileen Tan, Universiti Sains Malaysia, Malaysia; Thor-Seng Liew, Universiti Malaysia Sabah, Malaysia; Siong Kiat Tan, National University of Singapore, Singapore; Pham Van Sang, Vietnam National Museum of Nature, Vietnam Academy of Science and Technology; Luong Van Hao, Hoang Lien National Park, Vietnam; and Dang Ngoc Can, Institute of Ecology and Biological Resources, Vietnam.

CONTRIBUTION TO BIODIVERSITY SCIENCE

Somsak Panha is a leading advocate in supporting a new generation of researchers working on biodiversity

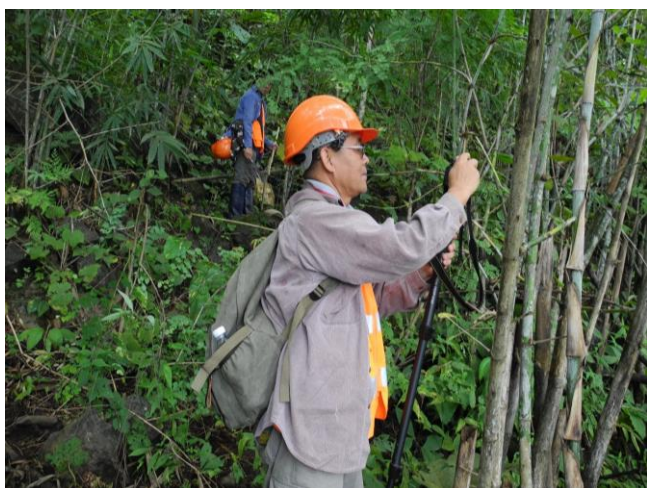


Somsak Panha as the head of the organizing committee of the 17th International Congress of Myriapodology in Krabi, Thailand, July 2017.

and particularly in promoting the taxonomy and systematics of microbes, plants and animals in Thailand. Together with eminent Thai taxonomists in various groups, including Professor Pranom Chantaranothai from Khon Kaen University and Professor Thaweesakdi Boonkerd from Chulalongkorn University, two well-known plant taxonomists, and Professor La-orsri Sanoamuang from Khon Kaen University, an expert in freshwater zooplankton, Somsak initiated the first Conference on Taxonomy and Systematics in Thailand in 2011. The conference provided a platform for reaching out to biologists in Thailand, encouraging and facilitating participation in taxonomy and systematics. In addition to creating networks for organizing progress in these fields of endeavour, the conference raised the profile of taxonomy and systematics to a wider audience and helped to gain recognition of the importance of such biodiversity research among policy makers and the general public. This Thai taxonomist movement has become well-established with a high profile annual or biannual conference. The most recent, the tenth Conference on Taxonomy and Systematics in Thailand was held in 2022.



Somsak Panha during the workshop “Searching the invertebrates” hosted by the Thailand National Center of Excellence on Biodiversity and Nature Education Foundation, at Centre of Learning Network for Region, Chulalongkorn University, Saraburi, Thailand, September 2020.



Somsak Panha during the field trip in Mandalay, Myanmar, October 2015

In 2006, an initiative by Somsak and other eminent Thai taxonomists led to a resolution by the Council of Ministers for the foundation of the Thailand National Center of Excellence on Biodiversity. This Center of Excellence is under the supervision of the Postgraduate Education Research Development Office, Ministry of Higher Education, Science, Research and Innovation, Thailand (MHESRI), and Somsak was appointed as the first director. The Center is jointly organized by nine universities throughout Thailand: Chulalongkorn University, Mahidol University, Kasetsart University, Khon Kaen University, Chiang Mai University, Prince of Songkla University, Naresuan University, Kanchanaburi Rajabhat University and Rajamangala University of Technology Thanyaburi. This collaboration has proved to be an important mechanism for strengthening natural resource security, supporting the conservation

of ecosystems and for building a foundation for education and research in Thailand. It is not only developing as a leading organization for Thailand’s education in biodiversity but is becoming an influential body for biodiversity across Southeast Asia.

FROM RESEARCH TO REVENUE: TOWARD A SPIN-OFF COMPANY

In addition to being the world expert on Southeast Asian land snails for more than thirty years, Somsak developed an interest in building from his basic research on snail mucous to applications in the cosmetic industry. In 2015, he formed an interdisciplinary team collaborating with colleagues from the Faculty of Science, Chulalongkorn University: Professor Anchalee Tassanakajon from the Department of Biochemistry, Professor Supoj Hannongbua from the Department of Chemistry, and Professor Kritsana Neammanee from the Department of Mathematics. They jointly founded a research-based spin-off company. In 2018 the company gained considerable interest and world-wide media coverage when it hosted Miss Universe contestants at the company’s snail farm where they observed a demonstration of snail mucous production. The cosmetic products derived from snail mucous received several awards. These included the Gold Prize Award from the Seoul International Invention Fair, South Korea from the Invention Promotion Association in 2015, the Gold Medal from the 44th International Exhibition and Inventions at Geneva in 2016, the Honour Award from the Associate Russian House for International Scientific and Technological Cooperation in 2016, and the Premium Product of Thailand Award (Pride of Thai) from the Ministry of Industry, Thailand in 2016.



Somsak Panha during the press release “Eternal Dynamics of Beauty: National Treasure, Land Snails of Siam” at Chulalongkorn University, Bangkok, Thailand, February 2015. From Left to right: K. Neammanee, A. Tassanakajon, S. Hannongbua, P. Kamolratanakul and S. Panha.



Somsak Panha received the Dushdi Mala Medal, Pin of Arts and Science from His Majesty King Maha Vajiralongkorn and Her Majesty Queen Suthida at Amphorn Sathan Residential Hall, Dusit Palace, Bangkok, Thailand, February 2021. Courtesy by the Bureau of the Royal Household.

NATIONAL AND INTERNATIONAL CERTIFICATES AND AWARDS

In 1984, Somsak received a certificate in aquaculture from the Technical Cooperation for Developing Countries (TCDC) in Indonesia. During the 1990s he was internationally acclaimed and received several awards from The Toray Sciences Foundation and The Hitachi Foundation, Japan, and the Robert O. Bass Visiting Scientist Fund from The Field Museum of Natural History. In 1996, he received a certificate in conservation, biological diversity from The Field Museum of Natural History, Chicago Zoological Society, University of Illinois in Chicago under the support from the MacArthur Foundation. In 1997, he received The World Academy of Sciences (TWAS) Prize for young scientists in Thailand (Biology) from The National Research Council of Thailand (NRCT) and The Third World Academy of Sciences. He has been the TRF Research Scholar since 1995 and because of his continuous contributions to science, he subsequently received the most prestigious Distinguished Research Professor Grant Award from TRF in 2019. His discoveries of new species were recognized in The Top 10 New Species by The International Institute for Species Exploration (IISE), twice in 2008 (*Desmoxystes purpureosea*, a shocking pink millipede) and in 2017 (*Scolopendra cataracta*, an amphibious centipede).

Somsak received the most honourable Dushdi Mala Medal, Pin of Arts and Science from His Majesty King Maha Vajiralongkorn in 2021. Currently, Somsak is a father of two children and holds a professorship of Biology at Chulalongkorn University. He is also the director of the National Centre of Excellence on Biodiversity, MHESRI, Thailand, a member of the

Academy of Science, Royal Society of Thailand, a council member of *Unitas Malacologica*, a member of the National Biodiversity Conservation and Utilization Committee and the chief editor of the journal *Tropical Natural History*. Focussing on invertebrate research, he continues to contribute to Southeast Asian biodiversity.

CHRONOLOGICAL LIST OF PUBLICATIONS BY SOMSAK PANHA [1987–April 2023]

For the years of publications in *Malacological Review* and *Walkerana*, see notes below.

RESEARCH ARTICLES

1. **Panha, S.** 1987. Histochemical and ultrastructural studies on the amatorial organ of *Hemiplecta distincta* (Pfeiffer) (Pulmonata: Ariophantidae). *Venus*, 46(2): 108–115.
2. **Panha, S.** 1987. The breeding data of Thai edible land snail *Hemiplecta distincta* (Pfeiffer) (Pulmonata: Ariophantidae). *Venus*, 46(1): 25–34.
3. **Panha, S.** 1988. Effect of temperature on the growth and behaviour of a tropical land snail *Hemiplecta distincta* (Pfeiffer) (Gastropoda: Ariophantidae). *Venus*, 47(3): 197–206.
4. **Panha, S.** 1988. Natural infection of the rat lung-worm *Angiostrongylus cantonensis* in a Thai edible land snail, *Hemiplecta distincta*. *Journal of the Science Society of Thailand*, 14: 233–239.
5. **Panha, S.** 1990. The site survey and the study on reproductive cycles of freshwater pearl mussels in the Central Part of Thailand. *Venus*, 49(3): 240–250.
6. **Panha, S.** 1992. Infection experiment of the glochidium of a freshwater pearl mussel, *Hyriopsis (Limnoscapha) myersiana* (Lea, 1856). *Venus*, 51(4): 303–314.
7. **Panha, S.** 1993. Glochidiosis and juvenile production in a freshwater pearl mussel, *Chamberlainia hainesiana*. *Invertebrate Reproduction and Development*, 24(3): 157–160.
8. **Panha, S.** 1993. All year breeding of *Physunio eximius* and *Scabies crispata* in the Mun River, Thailand. *The Papustyla*, 7(5): 4–5.
9. Araya, K., Matsui, J., Nabhitabhata, J. and **Panha, S.** 1994. A new bristly *Aesalus* from peninsular Thailand (Coleoptera, Lucanidae). *Giornale Italiano di Entomologia*, 7: 73–77.
10. **Panha, S.** 1994. Biology of a Thai edible land snail, *Hemiplecta distincta* (Pfeiffer, 1850) (Gastropoda: Ariophantidae). *The Papustyla*, 8(5): 4–15.

11. **Panha, S.** and Eongprakornkeaw, A. 1995. Glochidium shell morphology of Thai amblesid mussels. *Venus*, 54(3): 225–236.
12. **Panha, S.** 1995. Potentialities of a Thai edible land snail for snail farming. FAO Bureau for Exchange and Distribution of Information on Mini-Livestock. (B.E.D.I.M), 4(2): 17–18.
13. **Panha, S.**, Mattayasook, N., Ponsena, P. and Smits, D. 1995. Land snails in Khao Ang Rue Nai Wildlife Sanctuary. *Journal of Wildlife in Thailand*, 4(1): 83–88. [in Thai]
14. Araya, K., **Panha, S.** and Kon, M. 1997. On a colony of *Ceracupes fronticornis* (Coleoptera, Passalidae) observed in northern Thailand, with reference to the known microhabitats of the genus *Ceracupes*. *Elytra*, Tokyo, 25(2): 425–428.
15. **Panha, S.** 1997. A new species of *Amphidromus* from Thailand (Stylommatophora: Camaenidae). *Malacological Review*, 29[1996]: 131–132.
16. **Panha, S.** 1997. A new species of *Macrochlamys* from Thailand (Stylommatophora: Ariophantidae). *Malacological Review*, 29[1996]: 101–105.
17. **Panha, S.** 1997. A new species of *Opisthostoma* from Thailand (Prosobranchia: Cyclophoroidea: Diplommatinidae). *Malacological Review*, 29 [1996]: 133–134.
18. **Panha, S.** and Kosavitikul, P. 1997. Mantle transplantations in freshwater pearl mussels in Thailand. *Aquaculture International*, 5: 267–276.
19. **Panha, S.** and Phansuwan, P. 1997. The influence of mantle and neurosecretory cells on pearl formation in a freshwater pearl mussel, *Chamberlainia hainesiana*, induced by the nucleated technique. *Malacological Review*, 29[1996]: 113–129.
20. **Panha, S.** and Thanamitramanee, P. 1997. Land snails of Philu National Park, Thailand. *The Papustyla*, 11(2): 1–3.
21. Kon, M., **Panha, S.**, Araya, K. and Matsui, M. 1998. Passalid beetles (Coleoptera, Passalidae) collected from Thailand, with new records of *Ophrygonius cantori* (Percheron) and *Aceraius laevicollis* (Illiger). *Elytra*, Tokyo, 26(2): 350–352.
22. Matsui, M., Nabhitabhata, J. and **Panha, S.** 1998. A new *Ansonia* from northern Thailand (Anura: Bufonidae). *Herpetologica*, 54(4): 448–454.
23. **Panha, S.** 1998. A checklist and classification of the terrestrial pulmonate snails of Thailand. *Walkerana*, 8[1995–1996](19): 31–40.
24. **Panha, S.** 1998. A new species of *Gyliotrachela* from Thailand (Pulmonata: Vertiginidae). *Malacological Review*, 30[1997] (2): 123–126.
25. **Panha, S.** 1998. Three new species of *Hypslostoma* from Thailand (Pulmonata: Vertiginidae). *Malacological Review*, 30[1997](1): 61–69.



The Top 10 New Species by IISE, upper: *Desmoxytes purpureosea*, a shocking pink millipede, in 2008 and lower: *Scolopendra cataracta*, an amphibious centipede, in 2017 (after Siriwtut et al., 2016: fig. 54a).

26. **Panha, S.** 1998. Three new species of microsnails from southern Thailand (Pulmonata: Vertiginidae; Prosobranchia: Diplommatinidae). *Malacological Review*, 30[1997](1): 53–59.
27. **Panha, S.** 1998. Two new species of *Diplommantina* from Thailand (Prosobranchia: Diplommatinidae). *Walkerana*, 8[1995–1996](19): 41–47.
28. **Panha, S.** and Burch, J.B. 1998. A new cave dweller of the genus *Alycaeus* in Thailand (Prosobranchia: Cyclophoroidea: Cyclophoridae). *Malacological Review*, 30[1997](2): 119–122.
29. **Panha, S.** and Burch, J.B. 1998. New species of *Diplommantina* from Thailand (Prosobranchia: Diplommatinidae). *Walkerana*, 8[1995–1996](19): 49–62.
30. Matsui, M., Nabhitabhata, J. and **Panha, S.** 1999. On *Leptobrachium* from Thailand with a description of a new species (Anura: Pelobatidae). *Japanese Journal of Herpetology*, 18(1): 19–29.
31. **Panha, S.** and Burch, J.B. 2000. A new species of *Paraboysidia* from Thailand (Pulmonata: Pupillidae). *Walkerana*, 11(25): 107–112.
32. Matsui, M., Nishikawa, K., Khonsue, W., **Panha, S.** and Nabhitabhata, J. 2001. Allozymic variation in

- Rana nigrovittata* (Amphibia: Anura) within Thailand with special reference to the taxonomic status of *R. mortenseni*. The Natural History Journal of Chulalongkorn University, 1(1):15–22.
33. Ota, H., Hikida, T., Nabhitabhata, J. and **Panha, S.** 2001. Cryptic taxonomic diversity in two broadly distributed lizards of Thailand (*Mabuya macularia* and *Dixonius siamensis*) as revealed by chromosomal investigations (Reptilia: Lacertilia). The Natural History Journal of Chulalongkorn University, 1(1): 1–7.
 34. **Panha, S.** and Burch, J.B. 2001. Two new species of *Diplommatina* from Thailand (Prosobranchia: Diplommatinidae). The Natural History Journal of Chulalongkorn University, 1(1): 33–37.
 35. **Panha, S.** and Patamakanthin, S. 2001. A new *Alycaeus* species from southern Thailand (Prosobranchia: Cyclophoridae: Cyclophoridae). Of Sea and Shore, 23(4): 184–190.
 36. **Panha, S.**, Sutcharit, C., Tongkerd, P. and Burch, J.B. 2001. Morphogeography of an endemic tree snail genus *Amphidromus* of Thailand (Pulmonata: Camaenidae). Of Sea and Shore, 24(2): 106–112.
 37. Yamasaki, T., Hikida, T., Nabhitabhata, J., **Panha, S.** and Ota, H. 2001. Geographic variations in the common skink *Sphenomorphus maculatus* (Blyth, 1853) in Thailand, with re-validation of *Lygosoma mitanense* Annandale, 1905 as its subspecies. The Natural History Journal of Chulalongkorn University, 1(1): 23–31.
 38. Burch, J.B. and **Panha, S.** 2002. The land snail genus *Carychium* (Pulmonata: Carychiidae) in Thailand. Walkerana, 9[1997–1998](22): 171–175.
 39. Burch, J.B. and **Panha, S.** 2002. The pupillid genus *Anauchen* in Thailand (Pulmonata: Stylommatophora). Walkerana, 11[2000](26): 239–248.
 40. Ota, H., Honda, M., Chen, S.-L., Hikida, T., **Panha, S.**, Oh, H.-S. and Matsui, M. 2002. Phylogenetic relationships, taxonomy, character evolution, and biogeography of the lacertid lizards of the genus *Takydromus* (Reptilia: Squamata): a molecular perspective. Biological Journal of the Linnean Society, 76: 493–509.
 41. **Panha, S.** and Burch, J.B. 2002. A new species of *Discartemon* from Thailand (Pulmonata: Streptaxidae). Malacological Review, 31[1998–1999](1): 25–26.
 42. **Panha, S.** and Burch, J.B. 2002. First records and new species of *Boysidia* and *Sinoennea* from Thailand. Malacological Review, 31/32[1998–1999](2): 117–122.
 43. **Panha, S.** and Burch, J.B. 2002. New pupilloid land snails from Thailand (Pulmonata: Pupillidae). The Natural History Journal of Chulalongkorn University, 2(1): 21–24.
 44. **Panha, S.** and Burch, J.B. 2002. New taxa of Pupillidae (Pulmonata: Stylommatophora) from Thailand. Walkerana, 10[1999](24): 113–134.
 45. **Panha, S.** and Burch, J.B. 2002. The pupillid genus *Aulacospira* in Thailand (Pulmonata: Stylommatophora). Walkerana, 12[2001](28): 65–76.
 46. **Panha, S.** and Burch, J.B. 2002. The pupillid genus *Paraboysidia* in Thailand (Pulmonata: Stylommatophora). Walkerana, 12[2001](28): 77–94.
 47. **Panha, S.** and Burch, J.B. 2002. Two new genera of pupillid land snails from Thailand (Pulmonata: Pupillidae: Gastrocoptinae). Malacological Review, 32[1998–1999](2): 143–153.
 48. **Panha, S.**, Kanchanasaka, B. and Burch, J.B. 2002. New taxa of *Diplommatina* from Thailand (Prosobranchia: Diplommatinidae). Walkerana, 9[1997–1998](22): 153–170.
 49. **Panha, S.**, Tongkerd, P., Sutcharit, C. and Burch, J.B. 2002. Micro land snails of Thailand. Of Sea and Shore, 24(4): 230–237.
 50. **Panha, S.** and Ung, L.M. 2002. *Rhinocochlis nasuta* (Metcalf 1851), one of the world's most beautiful and rare land snail. Walkerana, 12[2001](28): 95–96.
 51. Burch, J.B., **Panha, S.** and Tongkerd, P. 2003. New taxa of Pupillidae (Pulmonata: Stylommatophora) from Thailand. Walkerana, 13[2002](29/30): 129–187.
 52. Deenin, G., Unakornsawat, Y., Rattanadaeng, P., Sutcharit, C., Kongim, B. and **Panha, S.** 2003. A new species of *Solenia* from Thailand (Bivalvia: Unionidae: Ambleminae). The Natural History Journal of Chulalongkorn University, 3(2): 53–58.
 53. **Panha, S.**, Tongkerd, P., Sutcharit, C., Tumpeesuwan, S. and Vongsombath, C. 2003. A new species of *Paraboysidia* (Pupillidae: Gastrocoptinae) from Laos. Walkerana, 13[2002](29/30): 123–128.
 54. **Panha, S.**, Tongkerd, P., Sutcharit, C. and Burch, J.B. 2004. New pupillid species from Thailand (Pulmonata: Pupillidae). The Natural History Journal of Chulalongkorn University, 4(2): 57–82.
 55. Srikoorn, W. and **Panha, S.** 2004. The occurrence of *Unionicola* sp. in a viviparid snail, *Mekongia sphaericula* (Deshayes, 1876) in Thailand. The Natural History Journal of Chulalongkorn University, 4(2): 99–100.
 56. Tongkerd, P., Lee, T., **Panha, S.**, Burch, J.B. and Ó Foighil, D. 2004. Molecular phylogeny of certain Thai gastrocoptine micro land snails (Stylommatophora: Pupillidae) inferred from mitochondrial and nuclear ribosomal DNA sequences. Journal of Molluscan Studies, 70(4): 139–147.

57. Tongkerd, P., Sutcharit, C. and **Panha, S.** 2004. A new species of *Opisthostoma* from Thailand (Prosobranchia: Cyclophoridae: Diplommatinidae). The Natural History Journal of Chulalongkorn University, 4(2): 53–56.
58. Dumrongrojwattana, P. and **Panha, S.** 2005. A new species of *Aulacospira* from Thailand (Pulmonata: Stylommatophora: Pupillidae). The Natural History Journal of Chulalongkorn University, 5(1): 15–16.
59. Jeffries, W.B., Voris, H.K., Naiyanetr, P. and **Panha, S.** 2005. Pedunculate barnacles of the symbiotic genus *Octolasmis* (Cirripedia: Thoracica: Poecilasmatidae) from the Northern Gulf of Thailand. The Natural History Journal of Chulalongkorn University, 5(1): 9–13.
60. Ngamprasertwong, T., Thirakhupt, K. and **Panha, S.** 2005. Notes on land leeches biology in Thailand (Hirudiniformes: Haemadipsidae). The Natural History Journal of Chulalongkorn University, 5(2): 97–98.
61. **Panha, S.** 2005. A survey of the impacts of the Southeast Asian Tsunami on some terrestrial invertebrates including molluscs. Unitas Malacologia Newsletter, 22: 3.
62. **Panha, S.** and Burch, J.B. 2005. An introduction to the microsnails of Thailand. Malacological Review, 37/38[2004–2005]: i–iv, 1–155.
63. **Panha, S.** and Prateepasen, R. 2005. A new gastrocoptine land snail from Thailand (Pulmonata: Stylommatophora: Pupillidae). Malacological Review, 33/34[2000–2001](1–2): 99–103.
64. **Panha, S.**, Sutcharit, C. and Tongkerd, P. 2005. A new *Sinoennea* from southern Thailand (Pulmonata: Streptaxidae). Malacological Review, 33/34 [2000–2001](1): 105–110.
65. Dumrongrojwattana, P. and **Panha, S.** 2006. Two new species of *Aulacospira* from Eastern Thailand (Pulmonata: Stylommatophora: Pupillidae). The Natural History Journal of Chulalongkorn University, 6(2): 121–124.
66. Kongim, B., Naggs, F. and **Panha, S.** 2006. Karyotype of operculate land snails of the genus *Cyclophorus* (Prosobranchia: Cyclophoridae) in Thailand. Invertebrate Reproduction and Development, 49(1–2): 1–8.
67. Matsui, M. and **Panha, S.** 2006. A new species of *Rhacophorus* from eastern Thailand (Anura: Rhacophoridae). Zoological Science, 23: 477–481.
68. Naggs, F., **Panha, S.** and Raheem, D. 2006. Developing land snail expertise in South and Southeast Asia, a new Darwin Initiative Project. The Natural History Journal of Chulalongkorn University, 6(1): 43–46.
69. Sutcharit, C. and **Panha, S.** 2006. A new subspecies of *Amphidromus* (A.) *inversus* (Müller, 1774) from Peninsular Malaysia. Journal of Conchology, 39(1): 79–83.
70. Sutcharit, C. and **Panha, S.** 2006. Taxonomic review of the tree snail *Amphidromus* Albers, 1850 (Pulmonata: Camaenidae) in Thailand and adjacent areas: subgenus *Amphidromus*. Journal of Molluscan Studies, 72(1): 1–30.
71. Enghoff, H., Sutcharit, C. and **Panha, S.** 2007. The shocking pink dragon millipede, *Demoxytes purpurea*, a colourful new species from Thailand (Diplopoda, Polydesmida, Paradoxosomatidae). Zootaxa, 1563: 31–36.
72. Malaivijitnond, S., Lekprayoon, C., Tandavanitj, N., **Panha, S.**, Cheewatham, C. and Hamada, Y. 2007. Stone-tool usage by Thai long-tailed macaques (*Macaca fascicularis*). American Journal of Primatology, 69: 227–233.
73. Ngamprasertwong, T., Thirakhupt, K. and **Panha, S.** 2007. Two new species of land leeches from Thailand (Hirudiniformes: Haemadipsidae). The Natural History Journal of Chulalongkorn University, 7(2): 155–159.
74. Prasankok, P., Ota, H., Toda, M. and **Panha, S.** 2007. Allozyme variation in the camaenid tree snails *Amphidromus atricallosus* (Gould, 1843) and *A. inversus* (Müller, 1774). Zoological Science, 24(2): 189–197.
75. Stoev, P., Enghoff, H., **Panha, S.** and Fuangarworn, M. 2007. A second species in the millipede suborder Sinocallipodidea Shear, 2000 (Diplopoda: Callipodida). Zootaxa, 1450: 63–68.
76. Sutcharit, C., Asami, T. and **Panha, S.** 2007. Evolution of whole-body enantiomorphy in the tree snail genus *Amphidromus*. Journal of Evolutionary Biology, 20: 661–672.
77. Sutcharit, C., Naggs, F. and **Panha, S.** 2007. Systematic review of the land snail genus *Neocepolis* Pilsbry, 1891 (Pulmonata: Camaenidae) from north Vietnam. Journal of Natural History, 41(9–12): 619–631.
78. Tumpeesuwan, C., Naggs, F. and **Panha, S.** 2007. A new genus and new species of dyakiid snail (Pulmonata: Dyakiidae) from the Phu Phan Range, Northeastern Thailand. The Raffles Bulletin of Zoology, 55(2): 363–369.
79. Deein, G., Pongsri, C., Rattanadaeng, P., Prateepasen, R. and **Panha, S.** 2008. Glochidium shell morphology of *Solenia khwaenoiensis* Panha & Deein, 2003 (Bivalvia: Unionidae). The Natural History Journal of Chulalongkorn University, 8(1): 61–64.

80. Sutcharit, C. and **Panha, S.** 2008. Taxonomic re-evaluation of *Sarika diadema* (Dall, 1897) and *S. asamurai* (Panha, 1997), two endemic land snails from Thailand (Pulmonata: Ariophantidae: Macrochlamydiae). The Raffles Bulletin of Zoology, 56(1): 95–100.
81. Tumpeesuwan, S. and **Panha, S.** 2008. First record of the genus *Schistoloma* Kobelt, 1902 (Prosobranchia: Pupinidae) in Thailand. The Natural History Journal of Chulalongkorn University, 8(1): 65–67.
82. Kongim, B., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2009. Karyotype differentiation within the elephant pupinid snail, *Pollicaria mouhoti* (Pfeiffer, 1862) (Caenogastropoda: Pupinidae). The Natural History Journal of Chulalongkorn University, 9(2): 201–208.
83. Pimvichai, P., Enghoff, H. and **Panha, S.** 2009. A revision of the *Thyropygus allevatus* group. Part 1: the *T. opinatus* subgroup (Diplopoda, Spirostreptida, Harpagophoridae). Zootaxa, 2016: 17–50.
84. Pimvichai, P., Enghoff, H. and **Panha, S.** 2009. A revision of the *Thyropygus allevatus* group. Part 2: the *T. bifurcus* subgroup (Diplopoda, Spirostreptida, Harpagophoridae). Zootaxa, 2165: 1–15.
85. Prasankok, P., Srikoom, W. and **Panha, S.** 2009. Genetic variation amongst viviparid snails in the genus *Mekongia* (Prosobranchia: Viviparidae) in Thailand. Biochemical Systematics and Ecology, 37: 452–458.
86. Prasankok, P., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2009. Biochemical assessment of the taxonomic diversity of the operculate land snail, *Cyclophorus fulguratus* (Gastropoda: Cyclophoridae), from Thailand. Biochemical Systematics and Ecology, 36: 900–906.
87. Denduangboripant, J., Setaphan, S., Suwanprasart, W. and **Panha, S.** 2010. Determination of local tobacco cultivars using ISSR molecular marker. Chiang Mai Journal of Science, 37(2): 293–303.
88. Kongim, B., Sutcharit, C., Tongkerd, P., Tan, S.-H.A., Nguyen, X.Q., Naggs, F. and **Panha, S.** 2010. Karyotype variations in the genus *Pollicaria* (Caenogastropoda: Pupinidae). Zoological Studies, 49(1): 125–131.
89. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2010. The millipede *Eudasypeltis setosus* (Pocock, 1894) new to the fauna of Thailand (Diplopoda: Polydesmida: Paradoxosomatidae). Arthropod Selecta, 19(4): 215–220.
90. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2010. The millipede genus *Orthomorpha* Bollman, 1893 in Thailand. 1. Revision of the *sericata*-group, with descriptions of four new species (Diplopoda, Polydesmida, Paradoxosomatidae). Zootaxa, 2361: 23–45.
91. Likhitrakarn, N., Golovatch, S.I., Prateepasen, R. and **Panha, S.** 2010. Review of the genus *Tylopus* Jeekel, 1968, with descriptions of five new species from Thailand (Diplopoda, Polydesmida, Paradoxosomatidae). ZooKeys, 72: 23–68.
92. Matsui, M., **Panha, S.**, Khonsue, W. and Kuraishi, N. 2010. Two new species of the “*kuhlii*” complex of the genus *Limnionectes* from Thailand (Anura: Dicroglossidae). Zootaxa, 2615: 1–22.
93. Nakadera, Y., Sutcharit, C., Ubukata, T., Seki, K., Utsuno, H., **Panha, S.** and Asami, T. 2010. Enantiomorphs differ in shape in opposite directions between populations. Journal of Evolutionary Biology, 23: 2377–2384.
94. Norhanis, M.R., Tan, S.H., Zulfigar, Y., **Panha, S.**, Sutcharit, C. and Tongkerd, P. 2010. An annotated checklist of micro-landsnails from limestone areas in Langkawi Islands, Kedah, Peninsular Malaysia. Malayan Nature Journal, 62(3): 307–313.
95. **Panha, S.**, Sutcharit, C. and Dang, N.C. 2010. An anatomical note on *Moellendorffia eastlakeana* (Möllendorff, 1882) a camaenid land snail from Vietnam (Gastropoda: Pulmonata: Camaenidae). The Nautilus, 124(1): 20–24.
96. Pimvichai, P., Enghoff, H. and **Panha, S.** 2010. The Rhynchoproctinae, a south-east Asiatic subfamily of giant millipedes: cladistic analysis, classification, four new genera and a deviating new species from north-west Thailand (Diplopoda: Spirostreptida: Harpagophoridae). Invertebrate Systematics, 24: 51–80.
97. Sutcharit, C., Naggs, F. and **Panha, S.** 2010. A first record of the family Cerastidae in Thailand, with a description of a new species (Pulmonata: Orthurethra: Cerastidae). The Raffles Bulletin of Zoology, 58(2): 251–258.
98. Sutcharit, C., Naggs, F., Wade, C.M., Fontanilla, I. and **Panha, S.** 2010. The new family Diapheridae, a new species of *Diaphera* Albers from Thailand, and the position of the Diapheridae within a molecular phylogeny of the Streptaxoidea (Pulmonata: Stylommatophora). Zoological Journal of the Linnean Society, 160: 1–16.
99. Sutcharit, C. and **Panha, S.** 2010. Taxonomic re-evaluation of *Chloritis bifoveata* (Benson 1856) and *C. diplochone* Möllendorff 1898 (Pulmonata: Camaenidae). Journal of Conchology, 40(3): 277–285.
100. Bantaowong, U., Chanabun, R., Tongkerd, P., Sutcharit, C., James, S.W. and **Panha, S.** 2011. A new species of the terrestrial earthworm of the genus *Metaphire* Sims and Easton, 1972 from

- Thailand with redescription of some species. *Tropical Natural History*, 11(1): 55–69.
101. Bantaowong, U., Chanabun, R., Tongkerd, P., Sutcharit, C., James, S.W. and **Panha, S.** 2011. New earthworm species of the genus *Amyntas* Kinberg, 1867 from Thailand (Clitellata, Oligochaeta, Megascolecidae). *ZooKeys*, 90: 35–62.
 102. Chanabun, R., Bantaowong, U., Sutcharit, C., Tongkerd, P., Inkavilay, K., James, S.W. and **Panha, S.** 2011. A new species of semi-aquatic freshwater earthworm of the genus *Glyphidrilus* Horst, 1889 from Laos (Oligochaeta: Almidae). *Tropical Natural History*, 11(2): 213–222.
 103. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2011. Revision of the Southeast Asian millipede genus *Orthomorpha* Bollman, 1893, with the proposal of a new genus (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 131: 1–161.
 104. Matsui, M., Hamidy, A., Belabut, D.M., Ahmad, N., **Panha, S.**, Sudin, A., Khonsue, W., Oh, H.-S., Yong, H.-S., Jiang, J.-P. and Nishikawa, K. 2011. Systematic relationships of Oriental tiny frogs of the family Microhylidae (Amphibia, Anura) as revealed by mtDNA genealogy. *Molecular Phylogenetics and Evolution*, 61: 167–176.
 105. Pimvichai, P., Enghoff, H. and **Panha, S.** 2011. A revision of the *Thyropygus allevatus* group. Part 3: the *T. induratus* subgroup (Diplopoda: Spirostreptida: Harpagophoridae). *Zootaxa*, 2941: 47–68.
 106. Pimvichai, P., Enghoff, H. and **Panha, S.** 2011. A revision of the *Thyropygus allevatus* group. Part 4: the *T. cuisinieri* subgroup (Diplopoda: Spirostreptida: Harpagophoridae). *Zootaxa*, 2980: 37–48.
 107. Prasankok, P. and **Panha, S.** 2011. Genetic structure of the common terrestrial pulmonate snail, *Cryptozona siamensis* (Pfeiffer, 1856), in Thailand. *Biochemical Systematics and Ecology*, 39: 449–457.
 108. Prasankok, P., Tongkerd, P., Sutcharit, C. and **Panha, S.** 2011. Genetic divergence in the snorkel snail, *Rhiostoma housei*, a species complex in Thailand (Caenogastropoda: Cyclophoridae). *Biochemical Systematics and Ecology*, 39: 834–840.
 109. Sutcharit, C. and **Panha, S.** 2011. Neotype designation and re-description of the vanishing tree snail, *Amphidromus (Amphidromus) mundus* (Pfeiffer, 1853) (Pulmonata: Camaenidae). *The Raffles Bulletin of Zoology*, 59(2): 139–143.
 110. Tan, S.K., Chan, S.Y. and **Panha, S.** 2011. A new subspecies of *Amphidromus (Amphidromus) atricallosus* from Singapore (Mollusca: Gastropoda: Camaenidae). *The Raffles Bulletin of Zoology*, 59(1): 39–46.
 111. Chanabun, R., Bantaowong, U., Sutcharit, C., Tongkerd, P., James, S.W. and **Panha, S.** 2012. A new species of semi-aquatic freshwater earthworm of the genus *Glyphidrilus* Horst, 1889 from the Mekong River (Oligochaeta: Almidae). *The Raffles Bulletin of Zoology*, 60(2): 265–277.
 112. Chanabun, R., Sutcharit, C., Tongkerd, P., Shau-Hwai, A.T. and **Panha, S.** 2012. Three new species of semi-aquatic freshwater earthworms of the genus *Glyphidrilus* Horst, 1889 from Malaysia (Clitellata: Oligochaeta: Almidae). *Zootaxa*, 3458: 120–132.
 113. Muadsub, S., Sutcharit, C., Pimvichai, P., Eng-hoff, H., Edgecombe, G.D. and **Panha, S.** 2012. Revision of the rare centipede genus *Sterropristes* Attems, 1934, with description of a new species from Thailand (Chilopoda: Scolopendromorpha: Scolopendridae). *Zootaxa*, 3484: 35–52.
 114. Sutcharit, C., Tongkerd, P., Shau-Hwai, A.T. and **Panha, S.** 2012. Taxonomic revision of *Dyakia janus* from Peninsular Malaysia (Pulmonata: Dyakiidae), with notes on other sinistrally coiled helicarionoids. *The Raffles Bulletin of Zoology*, 60(2): 279–287.
 115. Wongthamwanich, N., **Panha, S.**, Sierwald, P., Wesener, T. and Thirakhupt, K. 2012. A new species of the giant pill-millipede genus *Sphaerobelum* Verhoeff, 1924 from northern Thailand, with an extensive description and molecular characters (Diplopoda: Sphaerotheriida: Zephroniidae). *Zootaxa*, 3220: 29–43.
 116. Wongthamvanich, N., **Panha, S.**, Sitthicharoenchai, D., Pradatsundarasar, A., Seelanan, T., Eng-hoff, H. and Thirakhupt, K. 2012. Daily activities of the giant pill-millipede *Zephronia* cf. *viridescens* Attems, 1936 (Diplopoda: Sphaerotheriida: Zephroniidae) in deciduous forest in northern Thailand. *Zoological Studies*, 51(7): 913–926.
 117. Chanabun, R., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2013. The semi-aquatic freshwater earthworms of the genus *Glyphidrilus* Horst, 1889 from Thailand (Oligochaeta, Almidae) with re-descriptions of several species. *ZooKeys*, 265: 1–76.
 118. Chantangsi, C., Lynn, D.H., Rueckert, S., Prokopenicz, A.J., **Panha, S.** and Leander, B.S. 2013. *Fusiforma themisticola* n. gen., n. sp., a new genus and species of apostome ciliate infecting the hyperiid amphipod *Themisto libellula* in the Canadian Beaufort Sea (Arctic Ocean), and establishment of the Pseudocolliniidae (Ciliophora, Apostomatia). *Protist*, 164: 793–810.
 119. Kongim, B. and **Panha, S.** 2013. Karyotypic analysis of the terrestrial snail genus *Phuphania*

- (Pulmonata: Dyakiidae) with description of a new species from Thailand. *Journal of Conchology*, 41(3): 319–325.
120. Kongim, B., Sutcharit, C., Naggs, F. and **Panha, S.** 2013. Taxonomic revision of the elephant pupinid snail genus *Pollicaria* Gould, 1856. *ZooKeys*, 287: 19–40.
 121. Kongim, B., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2013. Karyotypes of the snorkel snail genera *Pterocyclos* and *Rhiostoma* (Prosobranchia: Cyclophoridae). *The Raffles Bulletin of Zoology*, 61(1): 13–20.
 122. Kuraishi, N., Matsui, M., Hamidy, A., Belabut, D.M., Ahmad, N., **Panha, S.**, Sudin, A., Yong, H.S., Jiang, J.-P., Ota, H., Thong, H.T. and Nishikawa, K. 2013. Phylogenetic and taxonomic relationships of the *Polypedates leucomystax* complex (Amphibia). *Zoologica Scripta*, 42(1): 54–70.
 123. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2013. The millipede genus *Tetracentrosternus* Pocock, 1895 (Polydesmida, Paradoxosomatidae, Alogolykinae, Alogolykini), with a description of the first, new species from Thailand. *ZooKeys*, 358: 1–10.
 124. Prasankok, P., Bantaowong, U., James, S.W. and **Panha, S.** 2013. Low heterogeneity in the populations of the terrestrial earthworm, *Metaphire peguana* (Rosa, 1890), in Thailand, as revealed by analysis of mitochondrial DNA COI sequences and nuclear allozymes. *Biochemical Systematics and Ecology*, 51: 8–15.
 125. Siriboon, T., Sutcharit, C., Naggs, F. and **Panha, S.** 2013. Three new species of the carnivorous snail genus *Perrottetia* Kobelt, 1905 from Thailand (Pulmonata, Streptaxidae). *ZooKeys*, 287: 41–57.
 126. Sutcharit, C., Tongkerd, P. and **Panha, S.** 2013. First record on chiral dimorphic population of *Amphidromus inversus annamiticus* (Crosse and Fischer, 1863) from Thailand. *Tropical Natural History*, 13(1): 53–57.
 127. Tongkerd, P., Sutcharit, C. and **Panha, S.** 2013. Two new species of micro land snails from two islands in the Andaman Sea (Prosobranchia: Diplommatinidae; Pulmonata: Pupillidae). *Tropical Natural History*, 13(2): 65–76.
 128. Bantaowong, U., Somniyam, P., Sutcharit, C., James, S.W. and **Panha, S.** 2014. Four new species of the earthworm genus *Amyntas* Kinberg, 1867, with re-description of the type species (Clitellata: Megascolecidae). *Raffles Bulletin of Zoology*, 62: 655–670.
 129. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2014. A checklist of the millipedes (Diplopoda) of Laos. *Zootaxa*, 3754(4): 473–482.
 130. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2014. Review of the Southeast Asian millipede genus *Enghoffosoma* Golovatch, 1993 (Diplopoda, Polydesmida, Paradoxosomatidae), with descriptions of new species. *Zootaxa*, 3811(4): 491–514.
 131. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2014. The millipede genus *Orthomorpha* Bollman, 1893 in Laos (Diplopoda, Polydesmida, Paradoxosomatidae), with descriptions of new species. *ZooKeys*, 374: 1–22.
 132. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2014. Three new species of the millipede genus *Tylopus* Jeekel, 1968 from Thailand, with additional notes on the species described by Attems (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 435: 63–91.
 133. Nantarat, N., Sutcharit, C., Tongkerd, P., Ablett, J., Naggs, F. and **Panha, S.** 2014. An annotated catalogue of type specimens of the land snail genus *Cyclophorus* Monfort, 1810 (Caenogastropoda, Cyclophoridae) in the Natural History Museum, London. *ZooKeys*, 411: 1–56.
 134. Nantarat, N., Tongkerd, P., Sutcharit, C., Wade, C.M., Naggs, F. and **Panha, S.** 2014. Phylogenetic relationships of the operculate land snail genus *Cyclophorus* Montfort, 1810 in Thailand. *Molecular Phylogenetics and Evolution*, 70: 99–111.
 135. Nantarat, N., Wade, C.M., Jeratthitikul, E., Sutcharit, C. and **Panha, S.** 2014. Molecular evidence for cryptic speciation in the *Cyclophorus fulguratus* (Pfeiffer, 1854) species complex (Caenogastropoda: Cyclophoridae) with description of new species. *PLoS ONE*, 9(10): e109785.
 136. Pimvichai, P., Enghoff, H. and **Panha, S.** 2014. Molecular phylogeny of the *Thyropygus allevatus* group of giant millipedes and some closely related groups. *Molecular Phylogenetics and Evolution*, 71: 170–183.
 137. Siriboon, T., Sutcharit, C., Naggs, F., Rowson, B. and **Panha, S.** 2014. Revision of the carnivorous snail genus *Discartemon* Pfeiffer, 1856, with description of twelve new species (Pulmonata, Streptaxidae). *ZooKeys*, 401: 45–107.
 138. Siriboon, T., Sutcharit, C., Naggs, F., Rowson, B. and **Panha, S.** 2014. Revision of the carnivorous snail genus *Indoartemon* Forcart, 1946 and a new genus *Carinartemis* from Thailand (Pulmonata: Streptaxidae). *Raffles Bulletin of Zoology*, 62: 161–174.

139. Siriwut, W., Edgecombe, G.D., Sutcharit, C. and **Panha, S.** 2014. Brooding behaviour of the centipede *Otostigmus spinosus* Porat, 1876 (Chilopoda: Scolopendromorpha: Scolopendridae) and its morphological variability in Thailand. *Raffles Bulletin of Zoology*, 62: 339–351.
140. Sutcharit, C., Tongkerd, P. and **Panha, S.** 2014. The land snail genus *Pterocyclos* Benson, 1832 (Caenogastropoda: Cyclophoridae) from Thailand and Peninsular Malaysia, with descriptions of two new species. *Raffles Bulletin of Zoology*, 62: 330–338.
141. Tubtimon, J., Jeratthitikul, E., Sutcharit, C., Kongim, B. and **Panha, S.** 2014. Systematics of the freshwater leech genus *Hirudinaria* Whitman, 1886 (Arhynchobdellida, Hirudinidae) from north-eastern Thailand. *ZooKeys*, 452: 15–33.
142. Bantaowong, U., James, S.W. and **Panha, S.** 2015. Three new earthworm species of the genus *Amyntas* Kinberg, 1867 from Thailand (Clitellata: Megascolecidae). *Tropical Natural History*, 15(2): 167–178.
143. Chanabun, R. and **Panha, S.** 2015. Two new species of semi-aquatic earthworms genus *Glyphidrilus* Horst, 1889 from Malaysia (Oligochaeta: Almidae). *Tropical Natural History*, 15(2): 179–189.
144. Danaisawadi, P., Asami, T., Ota, H., Sutcharit, C. and **Panha, S.** 2015. Subtle asymmetries in snail-eating snake *Pareas carinatus* (Reptilia: Pareatidae). *Journal of Ethology*, 33: 243–246.
145. Jirapatrasilp, P., Prasankok, P., Chanabun, R. and **Panha, S.** 2015. Allozyme data reveal genetic diversity and isolation by distance in sympatric *Glyphidrilus* Horst, 1889 (Oligochaeta: Almidae) of the Lower Mekong River Basin. *Biochemical Systematics and Ecology*, 61: 35–43.
146. Kongim, B., Sutcharit, C. and **Panha, S.** 2015. Cytotaxonomy of unionid freshwater mussels (Unionoida, Unionidae) from northeastern Thailand with description of a new species. *ZooKeys*, 514: 93–110.
147. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2015. A checklist of the millipedes (Diplopoda) of Cambodia. *Zootaxa*, 3973(1): 175–184.
148. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2015. Review of the millipede genus *Kronopolites* Attems, 1914 (Diplopoda, Polydesmida, Paradoxosomatidae), with the description of a new species from Laos. *ZooKeys*, 472: 27–41.
149. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2015. Three new species of the pill millipede genus *Hyleoglomeris* Verhoeff, 1910, from northern Thailand (Diplopoda, Glomerida, Glomeridae). *Zootaxa*, 4044(1): 130–140.
150. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2015. Two new species of dragon millipedes, genus *Desmoxytes* Chamberlin, 1923, from Laos (Diplopoda: Polydesmida: Paradoxosomatidae), with redescrptions of all four species of Attems from Vietnam. *Zootaxa*, 3931(4): 483–504.
151. Matsui, M., Khonsue, W., **Panha, S.** and Eto, K. 2015. A new tree frog of the genus *Gracixalus* from Thailand (Amphibia: Rhacophoridae). *Zoological Science*, 32(2): 204–210.
152. Siriwut, W., Edgecombe, G.D., Sutcharit, C. and **Panha, S.** 2015. The centipede genus *Scolopendra* in Mainland Southeast Asia: Molecular phylogenetics, geometric morphometrics and external morphology as tools for species delimitation. *PloS ONE*, 10(8): e0135355.
153. Siriwut, W., Edgecombe, G.D., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2015. First record of the African-Indian centipede genus *Digitipes* Attems, 1930 (Scolopendromorpha: Otostigmidae) from Myanmar, and the systematic position of a new species based on molecular phylogenetics. *Zootaxa*, 3931(1): 71–87.
154. Suraprasit, K., Jaeger, J.-J., Chaimanee, Y., Benammi, M., Chavasseau, O., Yamee, C., Tian, P. and **Panha, S.** 2015. A complete skull of *Crocota crocuta ultima* indicates a late Middle Pleistocene age for the Khok Sung (northeastern Thailand) vertebrate fauna. *Quaternary International*, 374: 34–45.
155. Sutcharit, C., Ablett, J., Tongkerd, P., Naggs, F. and **Panha, S.** 2015. Illustrated type catalogue of *Amphidromus* Albers, 1850 in the Natural History Museum, London, and descriptions of two new species. *ZooKeys*, 492: 49–105.
156. Bantaowong, U., Chanabun, R., James, S.W. and **Panha, S.** 2016. Seven new species of the earthworm genus *Metaphire* Sims & Easton, 1972 from Thailand (Clitellata: Megascolecidae). *Zootaxa*, 4117(1): 63–84.
157. Danaisawadi, P., Asami, T., Ota, H., Sutcharit, C. and **Panha, S.** 2016. A snail-eating snakes recognizes prey handedness. *Scientific Reports*, 6: 23832.
158. Danaisawadi, P., Asami, T., Ota, H., Sutcharit, C. and **Panha, S.** 2016. Predatory behavior of the snail-eating snake *Pareas carinatus* (Boie, 1828) (Squamata: Pareidae): an ethogram study. *Tropical Natural History*, 16(1): 21–31.
159. Inkavilay, K., Siriboon, T., Sutcharit, C., Rowson, B. and **Panha, S.** 2016. The first revision of the carnivorous land snail family Streptaxidae in

- Laos, with description of three new species (Pulmonata, Stylommatophora, Streptaxidae). *ZooKeys*, 589: 23–53.
160. Inkavilay, K., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2016. New species of micro snails from Laos (Pulmonata: Vertiginidae and Diapheridae). *Journal of Conchology*, 42(4): 213–232.
 161. Jirapatrasilp, P., Prasankok, P., Sutcharit, C., Chanabun, R. and **Panha, S.** 2016. Two new Cambodian semi-aquatic earthworms in the genus *Glyphidrilus* Horst, 1889 (Oligochaeta, Almididae), based on morphological and molecular data. *Zootaxa*, 4189(3): 543–558.
 162. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2016. Review of the Southeast Asian millipede genus *Antheromorpha* Jeekel, 1968 (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 571: 21–57.
 163. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2016. The millipede genus *Tylopus* Jeekel, 1968 (Diplopoda, Polydesmida, Paradoxosomatidae), with a key and descriptions of eight new species from Indochina. *European Journal of Taxonomy*, 195: 1–47.
 164. Nakano, T., Jeratthitikul, E., Nguyen, T.T. and **Panha, S.** 2016. A new species of *Tritetrabdella* (Hirudinia: Hirudiniformes: Haemadipsidae) from northern Indochina. *Raffles Bulletin of Zoology*, 64: 105–116.
 165. Pimvichai, P., Enghoff, H., **Panha, S.** and Backeljau, T. 2016. A revision of *Thyropygus allevatus* group. Part V: Nine new species of the extended *opinatus* subgroup, based on morphological and DNA sequence data (Diplopoda: Spirostreptida: Harpagophoridae). *European Journal of Taxonomy*, 199: 1–37.
 166. Siriwt, W., Edgecombe, G.D., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2016. A taxonomic review of the centipede genus *Scolopendra* Linnaeus, 1758 (Scolopendromorpha, Scolopendridae) in mainland Southeast Asia, with description of a new species from Laos. *ZooKeys*, 590: 1–124.
 167. Srisonchai, R., Enghoff, H., Likhitrakarn, N. and **Panha, S.** 2016. Four colorful new species of dragon millipedes, genus *Desmoxytes* Chamberlin, 1923, from northern Thailand (Diplopoda: Polydesmida: Paradoxosomatidae). *Zootaxa*, 4170(1): 93–113.
 168. Suraprasit, K., Jaeger, J.-J., Chaimanee, Y., Chavasseau, O., Yamee, C., Tian, P. and **Panha, S.** 2016. The Middle Pleistocene vertebrate fauna from Khok Sung (Nakhon Ratchasima, Thailand): biochronological and paleobiogeographical implications. *ZooKeys*, 613: 1–157.
 169. Tor-ngern, P. and **Panha, S.** 2016. Responses of sap flux density to changing atmospheric humidity in three common street tree species in Bangkok, Thailand. *Environment and Natural Resources Journal*, 14(2): 24–29.
 170. Tor-ngern, P. and **Panha, S.** 2016. Species-specific responses of water use by urban trees to artificial soil drought: results from a small-scale study. *Applied Environmental Research*, 38(1): 53–60.
 171. Chanabun, R., Inkavilay, K. and **Panha, S.** 2017. New species of semi-aquatic freshwater earthworm genus *Glyphidrilus* Horst, 1889 from Thailand and Laos (Oligochaeta, Almididae). *ZooKeys*, 672: 1–34.
 172. Inkavilay, K., Sutcharit, C. and **Panha, S.** 2017. Taxonomic review of the tree snail genus *Amphidromus* Albers, 1850 (Pulmonata: Camaenidae) in Laos, with the description of two new species. *European Journal of Taxonomy*, 330: 1–40.
 173. Jeratthitikul, E., Bantaowong, U. and **Panha, S.** 2017. DNA barcoding of the Thai species of terrestrial earthworms in the genera *Amyntas* and *Metaphire* (Haplotaenidae: Megascolecidae). *European Journal of Soil Biology*, 81: 39–47.
 174. Khang, T.F., Tan, S.H., **Panha, S.** and Mohamed, Z. 2017. Molecular phylogenetics and sequence analysis of two cave-dwelling *Dugesia* species from Southeast Asia (Platyhelminthes: Tricladida: Dugesidae). *Raffles Bulletin of Zoology*, 65: 515–524.
 175. Likhitrakarn, N., Golovatch, S.I., Inkavilay, K., Sutcharit, C., Srisonchai, R. and **Panha, S.** 2017. Two new species of the millipede genus *Glyphiulus* Gervais, 1847 from Laos (Diplopoda, Spirostreptida, Cambalopsidae). *ZooKeys*, 722: 1–18.
 176. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2017. The first record of the pantropical millipede, *Chondromorpha xanthotrica* (Attems, 1898) (Diplopoda: Polydesmida: Paradoxosomatidae), from Thailand. *Arthropoda Selecta*, 26(4): 281–287.
 177. Likhitrakarn, N., Golovatch, S.I., Srisonchai, R. and **Panha, S.** 2017. A new species of *Trichopeltis* Pocock, 1894 from southern China, with a checklist and a distribution map of *Trichopeltis* species (Diplopoda, Polydesmida, Cryptodesmidae). *ZooKeys*, 725: 123–137.
 178. Likhitrakarn, N., Jirapatrasilp, P., Golovatch, S.I. and **Panha, S.** 2017. A checklist of the millipedes (Diplopoda) of Myanmar, with an updated list of

- Leonardo Fea's collecting localities. *Zootaxa*, 4350(1): 1–46.
179. Matsui, M., Eto, K., Nishikawa, K., Hamidy, A., Belabut, D., Ahmad, N., **Panha, S.**, Khonsue, W. and Grismer, L.L. 2017. Mitochondrial phylogeny of *Leptolalax* from Malay Peninsula and *Leptobrachella* (Anura, Megophryidae). *Current Herpetology*, 36(1): 11–21.
 180. Ng, B., Bantaowong, U., Chanabun, R., Tongkerd, P. and **Panha, S.** 2017. Geographic variations in the size and behavior of common earthworms *Metaphire peguana* (Rosa, 1890) in Penang and neighboring states, Malaysia. *European Journal of Soil Biology*, 82: 108–115.
 181. **Panha, S.** 2017. The 17th International Congress of Myriapodology. *Tropical Natural History*, Supplement 5: 1–78.
 182. Somboonna, N., Wilantho, A., Chanabun, R., Khomkrachang, P. and **Panha, S.** 2017. Soil microbiome in the Upper Northeast of Thailand. *Unisearch Journal*, 4(1): 10–16.
 183. Kobayashi, S., Denda, T., Liao, C.C., Placksanoi, J., Waengsothorn, S., Aryuthaka, C., **Panha, S.** and Izawa, M. 2018. Regional differences in mammalian pollinators of *Mucuna macrocarpa* (Leguminosae): a review. *Tropical Natural History*, 18(2): 135–145.
 184. Likhitrakarn, N., Golovatch, S.I., Srisonchai, R., Brehier, F., Lin, A., Sutcharit, C. and **Panha, S.** 2018. Two new species of the millipede family Cambalopsidae from Myanmar (Diplopoda: Spirostreptida). *ZooKeys*, 760: 55–71.
 185. Matsui, M., Khonsue, W. and **Panha, S.** 2018. Two new species of *Ansonia* from Thailand (Anura: Bufonidae). *Zoological Science*, 35(1): 39–48.
 186. Ng, B., Bantaowong, U., Tongkerd, P. and **Panha, S.** 2018. Description of two new species of the earthworm genus, *Metaphire* (Clitellata: Megascolecidae), from Kedah, Peninsular Malaysia. *Raffles Bulletin of Zoology*, 66: 132–141.
 187. Ng, T.H., Limpanont, Y., Chusongsang, Y., Chusongsang, P. and **Panha, S.** 2018. Correcting misidentifications and first confirmation of the globally-invasive *Physa acuta* Draparnaud, 1805 (Gastropoda: Physidae) in Thailand and Laos. *BioInvasions Records*, 7(1): 15–19.
 188. Pholyotha, A., Sutcharit, C. and **Panha, S.** 2018. The land snail genus *Macrochlamys* Gray, 1847 from Thailand, with descriptions of five new species (Pulmonata: Ariophantidae). *Raffles Bulletin of Zoology*, 66: 763–781.
 189. Pimvichai, P., Enghoff, H., **Panha, S.** and Backeljau, T. 2018. Morphological and mitochondrial DNA data reshuffle the taxonomy of the genera *Atopochetus* Attems, *Litostrophus* Chamberlin and *Tonkinbolus* Verhoeff (Diplopoda: Spirobolida: Pachybolidae), with descriptions of nine new species. *Invertebrate Systematics*, 32: 159–195.
 190. Siriut, W., Edgecombe, G.D., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2018. Systematic revision and phylogenetic reassessment of the centipede genera *Rhysida* Wood, 1862 and *Alluropus* Silvestri, 1912 (Chilopoda: Scolopendromorpha) in Southeast Asia, with further discussion of the subfamily Otostigminae. *Invertebrate Systematics*, 32: 1005–1049.
 191. Srisonchai, R., Enghoff, H., Likhitrakarn, N. and **Panha, S.** 2018. A revision of dragon millipedes I: genus *Desmoxytes* Chamberlin, 1923, with the description of eight new species (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 761: 1–177.
 192. Srisonchai, R., Enghoff, H., Likhitrakarn, N. and **Panha, S.** 2018. A revision of dragon millipedes II: the new genus *Nagaxytes* gen. nov., with the description of three new species (Diplopoda, Polydesmida, Paradoxosomatidae). *European Journal of Taxonomy*, 462: 1–44.
 193. Srisonchai, R., Enghoff, H., Likhitrakarn, N. and **Panha, S.** 2018. A revision of dragon millipedes III: the new genus *Gigaxytes* gen. nov., with the description of three new species (Diplopoda, Polydesmida, Paradoxosomatidae). *European Journal of Taxonomy*, 463: 1–43.
 194. Srisonchai, R., Enghoff, H., Likhitrakarn, N. and **Panha, S.** 2018. A revision of dragon millipedes IV: the new genus *Spinaxytes*, with the description of nine new species (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 797: 19–69.
 195. Seesamut, T., Sutcharit, C., Jirapatrasilp, P., Chanabun, R. and **Panha, S.** 2018. Morphological and molecular evidence reveal a new species of the earthworm genus *Pontodrilus* Perrier, 1874 (Clitellata, Megascolecidae) from Thailand and Peninsular Malaysia. *Zootaxa*, 4496(1): 218–237.
 196. Suraprasit, K., Bocherens, H., Chaimanee, Y., **Panha, S.** and Jaeger, J.-J. 2018. Late Middle Pleistocene ecology and climate in Northeastern Thailand inferred from the stable isotope analysis of Khok Sung herbivore tooth enamel and the land mammal cenogram. *Quaternary Science Reviews*, 193: 24–42.
 197. Tor-ngern, P., Unawong, W., Tanchaoenlarp, T., Aunroje, P. and **Panha, S.** 2018. Comparison of water-use characteristics of landscape tree (*Tabebuia argentea*) and palm (*Ptychosperma macar-*

- thurii*) species in a tropical roof garden with implications for urban water management. *Urban Ecosystems*, 21: 479–487.
198. Inkhavilay, K., Sutcharit, C., Bantaowong, U., Chanabun, R., Siriut, W., Srisonchai, R., Pholyotha, A., Jirapatrasilp, P. and **Panha, S.** 2019. Annotated checklist of the terrestrial molluscs from Laos (Mollusca, Gastropoda). *ZooKeys*, 834: 1–166.
 199. Jeratthitikul, E., Phuangphong, S., Sutcharit, C., Prasankok, P., Kongim, B. and **Panha, S.** 2019. Integrative taxonomy reveals phenotypic plasticity in the freshwater mussel *Contradens contradens* (Bivalvia: Unionidae) in Thailand, with a description of a new species. *Systematics and Biodiversity*, 17(2): 134–147.
 200. Jirapatrasilp, P., Backeljau, T., Prasankok, P., Chanabun, R. and **Panha, S.** 2019. Untangling a mess of worms: Species delimitations reveal morphological crypsis and variability in Southeast Asian semi-aquatic earthworms (Almidae, *Glyphidrilus*). *Molecular Phylogenetics and Evolution*, 139: 106531.
 201. Kobayashi, S., Denda, T., Placksanoi, J., Waengsothorn, S., Aryuthaka, C., **Panha, S.** and Izawa, M. 2019. The pollination system of the widely distributed mammal-pollinated *Mucuna macrocarpa* (Fabaceae) in the tropics. *Ecology and Evolution*, 9: 6276–6286.
 202. Likhitrakarn, N., Golovatch, S.I., Semenyuk, I., Efeykin, B.D. and **Panha, S.** 2019. Review of the millipede genus *Orthomorpha* Bollman, 1893 (Diplopoda, Polydesmida, Paradoxosomatidae) in Vietnam, with several new records and descriptions of two new species. *ZooKeys*, 898: 121–158.
 203. Likhitrakarn, N., Golovatch, S.I., Semenyuk, I. and **Panha, S.** 2019. A new species and a new record of the Southeast Asian millipede genus *Antheromorpha* Jeekel, 1968 (Polydesmida, Paradoxosomatidae) from Vietnam. *ZooKeys*, 832: 77–89.
 204. Likhitrakarn, N., Golovatch, S.I., Srisonchai, R., Sutcharit, C. and **Panha, S.** 2019. A new species of the millipede genus *Cryptocorypha* Attems, 1907, from northern Thailand (Polydesmida, Pyrgodesmidae). *ZooKeys*, 833: 121–132.
 205. Muanta, S., Jeratthitikul, E., **Panha, S.** and Prasankok, P. 2019. Phylogeography of the freshwater bivalve genus *Ensidents* (Unionidae) in Thailand. *Journal of Molluscan Studies*, 85: 224–231.
 206. Nantararat, N., Sutcharit, C., Tongkerd, P., Wade, C.M., Naggs, F. and **Panha, S.** 2019. Phylogenetics and species delimitations of the operculated land snail *Cyclophorus volvulus* (Gastropoda: Cyclophoridae) reveal cryptic diversity and new species in Thailand. *Scientific Reports*, 9: 7041.
 207. Ng, B., Chanabun, R. and **Panha, S.** 2019. Biological and physiological responses of *Perionyx excavatus* to abamectin. *Environmental Science and Pollution Research*, 26: 28309–28318.
 208. Ng, T.H., Limpanont, Y., Chusongsang, P., Chusongsang, Y. and **Panha, S.** 2019. Annotated catalogue of the types of Indo-Burmese non-marine Gastropoda deposited in the Faculty of Tropical Medicine, Mahidol University, Thailand. *Molluscan Research*, 39(2): 140–147.
 209. Seesamut, T., Jirapatrasilp, P., Chanabun, R., Oba, Y. and **Panha, S.** 2019. Size variation and geographical distribution of the luminous earthworm *Pontodrilus litoralis* (Grube, 1855) (Clitellata, Megascolecidae) in Southeast Asia and Japan. *ZooKeys*, 862: 23–43.
 210. Seesamut, T., Ikuhiko, K., **Panha, S.** and Yuichi, O. 2019. Update on northernmost distribution of the luminous earthworm *Microscolex phosphoreus* (Dugès, 1837) in Japan, and their DNA and size variations. *Bulletin of the Firefly Museum of Toyota Town*, 11: 1–7.
 211. Seesamut, T., Jirapatrasilp, P., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2019. Mitochondrial genetic population structure and variation of the littoral earthworm *Pontodrilus longissimus* Seesamut and Panha, 2018 along the coast of Thailand. *European Journal of Soil Biology*, 93: 103091.
 212. Sutcharit, C., Ablett, J.D. and **Panha, S.** 2019. An annotated type catalogue of seven genera of operculate land snails (Caenogastropoda, Cyclophoridae) in the Natural History Museum, London. *ZooKeys*, 842: 1–65.
 213. Sutcharit, C., Backeljau, T. and **Panha, S.** 2019. Re-description of the type species of the genera *Ganesella* Blanford, 1863 and *Globotrochus* Haas, 1935; with description of a new *Ganesella* species from Thailand (Eupulmonata, Camaenidae). *ZooKeys*, 870: 51–76.
 214. Sutcharit, C., Naggs, F., Ablett, J.D., Sang, P.V., Hao, L.V. and **Panha, S.** 2019. Notes on the sinistral helicoid snail *Bertia cambojiensis* (Reeve, 1860) from Vietnam (Eupulmonata, Dyakiidae). *ZooKeys*, 885: 1–14.
 215. Bantaowong, U., Chanabun, R. and **Panha, S.** 2020. *Amyntas whitteni*, a new species of earthworm from Mawlamyine, Myanmar (Clitellata: Megascolecidae). *Raffles Bulletin of Zoology*, Supplement 35: 17–21.

216. Jeratthitikul, E., Jiranuntskul, P., Nakano, T., Sutcharit, C. and **Panha, S.** 2020. A new species of buffalo leech in the genus *Hirudinaria* Whitman, 1886 (Arhynchobdellida, Hirudinidae) from Thailand. *ZooKeys*, 933: 1–14.
217. Kobayashi, S., Denda, T., Liao, C.-C., Lin, Y.-H., Placksanoi, J., Waengsothorn, S., Aryuthaka, C., **Panha, S.** and Izawa, M. 2020. Effects of different pollinators and herbivores on the fruit set height of the mammal-pollinated tree-climbing vine *Mucuna macrocarpa*. *Journal of Forest Research*, 25(5): 315–321.
218. Kobayashi, S., Placksanoi, J., Taksin, A., Waengsothorn, S., Aryuthaka, C., **Panha, S.** and Izawa, M. 2020. Activity pattern and resource use of two *Callosciurus* species in different habitats in north-eastern Thailand. *Raffles Bulletin of Zoology*, 68: 654–661.
219. Likhitrakarn, N., Golovatch, S.I., Jeratthitikul, E., Srisonchai, R., Sutcharit, C. and **Panha, S.** 2020. A remarkable new species of the millipede genus *Trachyjulus* Peters, 1864 (Diplopoda, Spirostreptida, Cambalopsidae) from Thailand, based both on morphological and molecular evidence. *ZooKeys*, 925: 55–72.
220. Likhitrakarn, N., Golovatch, S.I., Thach, P., Chhuoy, S., Ngor, P.B., Srisonchai, R., Sutcharit, C. and **Panha, S.** 2020. Two new species of the millipede genus *Plusioglyphiulus* Silvestri, 1923 from Cambodia (Diplopoda, Spirostreptida). *ZooKeys*, 938: 137–151.
221. Ng, T.H., Annate, S., Jeratthitikul, E., Sutcharit, C., Limpanont, Y. and **Panha, S.** 2020. Disappearing apple snails (Caenogastropoda: Ampullariidae) of Thailand: a comprehensive update of their taxonomic status and distribution. *Journal of Molluscan Studies*, 86: 290–305.
222. Pholyotha, A., Sutcharit, C., Thach, P., Chhuoy, S., Ngor, P.B. and **Panha, S.** 2020. Land snail genus *Sarika* Godwin-Austen, 1907 (Eupulmonata: Ariophantidae) from Cambodia, with description of three new species. *European Journal of Taxonomy*, 674: 1–21.
223. Pholyotha, A., Sutcharit, C., Tongkerd, P., Lin, A. and **Panha, S.** 2020. Taxonomic revision of the land snail genera *Macrochlamys* Gray, 1847 and *Sarika* Godwin-Austen, 1907 (Eupulmonata: Ariophantidae) from south-eastern Myanmar, with descriptions of three new species. *Molluscan Research*, 40(2): 183–204.
224. Pholyotha, A., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2020. Integrative taxonomic revision of the land snail genus *Sarika* Godwin-Austen, 1907 in Thailand, with descriptions of nine new species (Eupulmonata, Ariophantidae). *ZooKeys*, 976: 1–100.
225. Pimvichai, P., Enghoff, H., **Panha, S.** and Backeljau, T. 2020. Integrative taxonomy of the new millipede genus *Coxobolellus*, gen. nov. (Diplopoda: Spirobolida: Pseudospirobolellidae), with descriptions of ten new species. *Invertebrate Systematics*, 34: 591–617.
226. Siriboon, T., Naggs, F., Wade, C.M., Jeratthitikul, E., Tongkerd, P., Jirapatrasilp, P., **Panha, S.** and Sutcharit, C. 2020. Phylogenetic relationships of the carnivorous terrestrial snail family Streptaxidae (Stylommatophora: Achatinina) in Thailand and surrounding areas of Southeast Asia. *Systematics and Biodiversity*, 18(7): 720–738.
227. Siriwut, W., Jeratthitikul, E., **Panha, S.**, Chana-bun, R. and Sutcharit, C. 2020. Molecular phylogeny and species delimitation of the freshwater prawn *Macrobrachium pilimanus* species group, with descriptions of three new species from Thailand. *PeerJ*, 8: e10137.
228. Srisonchai, R., Likhitrakarn, N., Sutcharit, C., Jeratthitikul, E., Siriwut, W., Thrach, P., Chhuoy, S., Ngor, P.B. and **Panha, S.** 2020. A new micropolydesmoid millipede of the genus *Eutrichodesmus* Silvestri, 1910 from Cambodia, with a key to species in mainland Southeast Asia (Diplopoda, Polydesmida, Haplodesmidae). *ZooKeys*, 996: 59–91.
229. Srisonchai, R., Lin, A. and **Panha, S.** 2020. A revision of dragon millipedes. V. The new genus *Burmaxytes* for two new species from Myanmar (Diplopoda: Polydesmida: Paradoxosomatidae). *Raffles Bulletin of Zoology*, Supplement 35: 88–100.
230. Subta, P., Yodsuwan, P., Yongsawas, R., In-on, A., Warrit, N., **Panha, S.**, Khongphinitbunjong, K., Chantawannakul, P., Attasopa, K. and Disayathanoowat, T. 2020. Bacterial communities in three parts of intestinal tracts of carpenter bees (*Xylocopa tenuiscapa*). *Insects*, 11: 497.
231. Sutcharit, C., Inkhavilay, K. and **Panha, S.** 2020. Taxonomic note on *Trichelix horrida* (Pfeiffer, 1863) from Laos, with a type catalogue of *Moellendorffia*, *Trichelix*, and *Moellendorffiella* (Heterobranchia, Camaenidae). *ZooKeys*, 952: 65–93.
232. Sutcharit, C., Jeratthitikul, E., Pholyotha, A., Lin, A. and **Panha, S.** 2020. Molecular phylogeny reveals high diversity and endemism in the limestone karst-restricted land snail genus *Sophina* Benson, 1859 from Myanmar (Eupulmonata: Helicarionidae), with description of four new species. *Journal of Zoological Systematics and Evolutionary Research*, 58: 957–981.

233. Sutcharit, C., Lin, A. and **Panha, S.** 2020. Two new species of the carnivorous snail genus *Discartemon* from Thailand and Myanmar (Eupulmonata: Streptaxidae). *Raffles Bulletin of Zoology*, Supplement 35: 149–155.
234. Sutcharit, C., Thach, P., Chhuoy, S., Ngor, P.B., Jeratthitikul, E., Siriwt, W., Srisonchai, R., Ng, T.H., Pholyotha, A., Jirapatrasilp, P. and **Panha, S.** 2020. Annotated checklist of the land snail fauna from southern Cambodia (Mollusca, Gastropoda). *ZooKeys*, 948: 1–46.
235. Jirapatrasilp, P., Ablett, J.D., **Panha, S.** and Sutcharit, C. 2021. Clarification on the name-bearing type designation of several cyclophorid species (Mollusca, Gastropoda) by H. H. Godwin-Austen (1915). *ZooKeys*, 1049: 43–66.
236. Jirapatrasilp, P., Tongkerd, P., Jeratthitikul, E., Liew, T.-S., Pholyotha, A., Sutcharit, C. and **Panha, S.** 2021. Molecular phylogeny of the limacoid snail family Dyakiidae in Southeast Asia, with the description of a new genus and new species. *Zoological Journal of the Linnean Society*, 193: 250–280.
237. Kobayashi, S., **Panha, S.**, Plaksanoi, J., Waengsothorn, S., Denda, T. and Izawa, M. 2021. Flower visitors of *Parkia sumatrana* (Leguminosae) in Northeastern Thailand. *Tropical Natural History*, 21(1): 200–208.
238. Kobayashi, S., **Panha, S.**, Seesamut, T., Nantarat, N., Likhitrakarn, N., Denda, T. and Izawa, M. 2021. First record of non-flying mammalian contributors to pollination in a tropical montane forest in Asia. *Ecology and Evolution*, 11: 17604–17608.
239. Likhitrakarn, N., Golovatch, S.I., Srisonchai, R. and **Panha, S.** 2021. Two new species of the millipede genus *Tylopus* Jeekel, 1968 from Shan State, Myanmar (Diplopoda, Polydesmida, Paradoxosomatidae). *ZooKeys*, 1040: 167–185.
240. Noothuan, N., Apitanyasai, K., **Panha, S.** and Tassanakajon, A. 2021. Snail mucus from the mantle and foot of two land snails, *Lissachatina fulica* and *Hemiplecta distincta*, exhibits different protein profile and biological activity. *BMC Research Notes*, 14: 138.
241. Pholyotha, A., Sutcharit, C., Jirapatrasilp, P., Ngor, P.B., Oba, Y. and **Panha, S.** 2021. Molecular phylogenetic and morphological evidence reveal a rare limacoid snail genus, *Khmerquantula* gen. nov. (Eupulmonata: Dyakiidae) from Cambodia. *Systematics and Biodiversity*, 19(8): 1049–1061.
242. Pholyotha, A., Sutcharit, C. and **Panha, S.** 2021. Rediscovering the dancing semislug genus *Cryptosemelus* Collinge, 1902 (Eupulmonata, Ariophantidae) from Thailand with description of two new species. *ZooKeys*, 1076: 43–65.
243. Pholyotha, A., Sutcharit, C., Tongkerd, P., Jeratthitikul, E. and **Panha, S.** 2021. Integrative systematics reveals the new land-snail genus *Taphrenalla* (Eupulmonata: Ariophantidae) with a description of nine new species from Thailand. *Contributions to Zoology*, 90: 21–69.
244. Pholyotha, A., Sutcharit, C., Tongkerd, P. and **Panha, S.** 2021. Systematic revision of the limestone karst-restricted land snail genus *Aenigmatoconcha* (Eupulmonata: Helicarionidae), with description of a new species. *European Journal of Taxonomy*, 767: 55–82.
245. Seesamut, T., Yano, D., Paitio, J., Kin, I., **Panha, S.** and Oba, Y. 2021. Occurrence of bioluminescent and nonbioluminescent species in the littoral earthworm genus *Pontodrilus*. *Scientific Reports*, 11: 8407.
246. Siriwt, W., Jeratthitikul, E., **Panha, S.**, Chanabun, R., Ngor, P.B. and Sutcharit, C. 2021. Evidence of cryptic diversity in freshwater *Macrobrachium* prawns from Indochinese riverine systems revealed by DNA barcode, species delimitation and phylogenetic approaches. *PLoS ONE*, 16(6): e0252546.
247. Sutcharit, C., Jeratthitikul, E., Tongkerd, P. and **Panha, S.** 2021. Reassessment and systematic position of the sinistral snails of genus *Hemiplecta* from Thailand (Eupulmonata: Ariophantidae), with description of two new species. *Contributions to Zoology*, 90: 183–215.
248. Sutcharit, C., Naggs, F., Ablett, J.D., Sang, P.V., Hao, L.V. and **Panha, S.** 2021. Anatomical note on a tree snail *Amphidromus* (*Amphidromus*) *cambojiensis* (Reeve, 1860) from Vietnam (Eupulmonata: Camaenidae). *Journal of Natural History*, 55(17–18): 1059–1069.
249. Sutcharit, C. and **Panha, S.** 2021. Overlooked for a century: Taxonomic status of *Camaena saturnia* (Gould, 1846) (Eupulmonata: Camaenidae). *Raffles Bulletin of Zoology*, 69: 253–261.
250. Sutcharit, C. and **Panha, S.** 2021. Systematic review of the dextral *Hemiplecta* Albers, 1850 (Eupulmonata, Ariophantidae) from Thailand with description of a new species and list of all the Indochinese species. *ZooKeys*, 1047: 101–154.
251. Wongsaroj, L., Chanabun, R., Tunsakul, N., Prombutara, P., **Panha, S.** and Somboonna, N. 2021. First reported quantitative microbiota in different livestock manures used as organic fertilizers in the Northeast of Thailand. *Scientific Reports*, 11: 102.

252. Jiranuntskul, P., Boonporn, A., Kongrit, C., **Panha, S.** and Jeratthitikul, E. 2022. Biodiversity of the buffalo leeches genus *Hirudinaria* (Arhynchobdellida, Hirudinidae) in southern Thailand revealed from DNA barcoding. *Zoological Studies*, 61: 84.
253. Jirapatrasilp, P., Sutcharit, C. and **Panha, S.** 2022. Annotated checklist of the operculated land snails from Thailand (Mollusca, Gastropoda, Caenogastropoda): the family Pupinidae, with descriptions of several new species and subspecies, and notes on classification of *Pupina* Vignard, 1829 and *Pupinella* Gray, 1850 from mainland Southeast Asia. *ZooKeys*, 1119: 1–115.
254. Likhitrakarn, N., Golovatch, S.I. and **Panha, S.** 2022. The Oriental millipede genus *Nepalella* Shear, 1979, with the description of a new species from Thailand and an updated key (Diplopoda, Chordeumatida, Megalotyridae). *ZooKeys*, 1084: 183–199.
255. Man, N.S., Siriboon, T., Lin, A., Sutcharit, C. and **Panha, S.** 2022. Revision of the carnivorous land snail family Streptaxidae (Stylommatophora, Achatinina) in Myanmar, with description of four new species. *ZooKeys*, 1110: 39–102.
256. Pimvichai, P., Enghoff, H., **Panha, S.** and Backeljau, T. 2022. A new genus of Pseudospirobolellidae (Diplopoda, Spirobolida) from limestone karst areas in Thailand, with descriptions of three new species. *Zoosystematics and Evolution*, 98: 313–326.
257. Pimvichai, P., **Panha, S.** and Backeljau, T. 2022. Combining mitochondrial DNA and morphological data to delineate four new millipede species and provisional assignment to the genus *Apeuthes* Hoffman & Keeton (Diplopoda: Spirobolida: Pachybolidae: Trioniulinae). *Invertebrate Systematics*, 36(2): 91–112.
258. Pholyotha, A., Sutcharit, C., Lin, A. and **Panha, S.** 2022. Multigene phylogeny reveals the ribbed shell morphotypes in the land snail genus *Sarika* (Eupulmonata: Ariophantidae), with description of two new species from Thailand and Myanmar. *Contributions to Zoology*, 91(2): 97–132.
259. Pholyotha, A., Sutcharit, C., Lin, A. and **Panha, S.** 2022. Uncovering local endemism from south-eastern Myanmar: description of the new karst-associated terrestrial snail genus *Burmochlamys* (Eupulmonata, Helicarionidae). *ZooKeys*, 1110: 1–37.
260. Ramli, Z., **Panha, S.**, Rak, A.E. and Wei, L.S. 2022. Morphological and molecular characterisation of Asian Clam, *Corbicula fluminea* Megerle von Mühlfeld, 1811 (Venerida, Cyrenidae) elucidates geographical variation in Thailand. *Songklanakarin Journal of Science and Technology*, 44(5): 1272–1278.
261. Seesamut, T., Ng, B., Sutcharit, C., Chanabun, R. and **Panha, S.** 2022. Responses to salinity in the littoral earthworm genus *Pontodrilus*. *Scientific Reports*, 12(1): 22304.
262. Tongkerd, P., Tumpeesuwan, S., Inkhavilay, K., Prasankok, P., Jeratthitikul, E., **Panha, S.** and Sutcharit, C. 2023. Systematic revision of the snorkel snail genus *Rhiostoma* Benson, 1860 (Gastropoda, Caenogastropoda, Cyclophoridae) with descriptions of new species. *ZooKeys*, 1142: 1–144.
263. Matsui, M., **Panha, S.** and Eto, K. 2023. Two new species of *Leptobranchella* from northern Thailand (Amphibia, Anura, Megophryidae). *Current Herpetology*, 42(1): 83–97.

BOOKS, BOOK CHAPTERS AND OTHER PUBLICATIONS

1. **Panha, S.** and Burch, J.B. 2004. Mollusca. In: Yule, C.M. and Sen, Y.H. (Eds) *Freshwater Invertebrates of the Malaysian Region*, Academy of Sciences Malaysia, Kuala Lumpur, Malaysia, pp. 207–224.
2. **Panha, S.** 2005. Writing research article: Biology. In: Dhebtaranond, Y. and Tangboriboonrat, P. (Eds) *Writing International Research Articles*, TGIST, Bangkok, Thailand, pp. 219–240. (in Thai)
3. **Panha, S.** 2006. *Millipede Made Easy*. BRT Program, Bangkok, Thailand, 58 pp. (in Thai)
4. **Panha, S.**, Enghoff, H. and James, S. 2007. *Earthworm and Millipede*. BRT Program, Jirawat Express Ltd., Bangkok, Thailand, 72 pp. (in Thai)
5. **Panha, S.** 2007. Exploring animal diversity in western Thong Pha Phum forest. BRT research reports 2007: Western Thong Pha Phum, PTT Public Company Limited Energy for Sustainable Future, Bangkok, pp. 263–271. (in Thai)
6. **Panha, S.** 2007. Patterns of diversity and habitat relationships of terrestrial mollusc communities in the Thong Pha Phum forest area. BRT research reports 2007: Western Thong Pha Phum, PTT Public Company Limited Energy for Sustainable Future, Bangkok, pp. 272–281. (in Thai)
7. Sutcharit, C. and **Panha, S.** 2008. *Land Snails in Khao Nan National Park*. BRT Program, Bangkok Printing Co. Ltd., Bangkok, Thailand, 112 pp. (in Thai)
8. **Panha, S.**, Sutcharit, C., Tongkerd, P. and Naggs, F. 2009. *An Illustrated Guide to the Land Snails*

- of Thailand. BRT Program, Bangkok, Thailand, 12 pp.
9. **Panha, S.**, Pimvichai, P. and Enghoff, H. 2009. Harpagophorid Cylindrical Millipede in Thailand. BRT Program, Bangkok, Thailand, 80 pp. (in Thai)
 10. Köhler, F., **Panha, S.** and Glaubrecht, M. 2010. Speciation and radiation in a river: Assessing the morphological and genetic differentiation in a species flock of viviparous gastropods (Cerithioidea: Pachychilidae). In: Glaubrecht, M. (Ed) Evolution in Action: Case Studies in Adaptive Radiation, Speciation and the Origin of Biodiversity, Springer Berlin Heidelberg, Berlin, Heidelberg, pp. 513–550.
 11. **Panha, S.** 2011. Biodiversity and sufficient pathway: Earthworms. In: Book Series on Sufficient Economy Number 2 Chulalongkorn University, pp. 69–81. (in Thai)
 12. Sutcharit, C., Tongkerd, P., Kongim, B. and **Panha, S.** 2013. An Illustrated Guide to the Freshwater Unionid Bivalves of Thailand. Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok, 12 pp. (in Thai)
 13. Siriut, W., Sutcharit, C., Tongkerd, P., Edgecombe, G.D. and **Panha, S.** 2015. Illustration Guide on Centipedes: Venomous Soil Fauna. Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok, 12 pp.
 14. Tassanakajon, A., Hannongbua, S., Neammanee, K. and **Panha, S.** 2017. SNAIL8: From basic research to world-class Thai cosmetics. In: Suksamrarn, A., Devahastin, S., Laosiripojana, N. and Assabumrungrat, S. (Eds) Research “Not” on the Shelf: Successful Path of Research Development to Innovation, Thai Academy of Science and Technology, Bangkok, pp. 65–94. (in Thai)
 15. Sutcharit, C., Tongkerd, P. and **Panha, S.** 2018. Land Snails: The Invaluable Bio-resources for the Kingdom of Thailand. The Thailand Research Fund, Bangkok, 288 pp. (in Thai)
 16. Likhitrakarn, N., Srisonchai, R., Pimvichai, P., Sutcharit, C., Golovatch, S.I., Enghoff, H. and **Panha, S.** 2019. Illustration Guide on Millipedes in Thailand. Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok, 12 pp. (in Thai)
 17. Chanabun, R., Bantaowong, U., Jirapatrasilp, P., Seesamut, T. and **Panha, S.** 2021. Earthworms: Values of Thai Bioresources. Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok, 12 pp. (in Thai)
 18. **Panha, S.**, Ng, T.H., Chanabun, R., Annate, S., Nantararat, N., Limpanont, Y. and Sutcharit, C.



The comprehensive book on land snails of Thailand by C. Sutcharit, P. Tongkerd and S. Panha.

2022. Apple Snails Genus *Pila* found in Thailand Including Alien Invasive *Pomacea* Species. Department of Biology, Faculty of Science, Chulalongkorn University, Bangkok, 12 pp. (in Thai)

PATENTS

1. **Panha, S.**, Tassanakajon, A. and Hannongbua, S. “Process for extracting land snail mucus from the mantle and process of filtering raw mucus for mucus filtrate with low viscosity, and the composition of snail mucus mixed from many species”. Patent of Thailand No. 1701007874, 28 December 2017.
2. **Panha, S.**, Tassanakajon, A. and Hannongbua, S. “Cosmetic composition from natural extracts and vitamins acting against major mechanisms of skin damage caused by pollution”. Patent of Thailand No. 2001000957, 20 February 2020.

TAXA NAMED IN PUBLICATIONS OF SOMSAK PANHA

The following is a list of all protistans and animals proposed in the publications that Somsak Panha was a sole author or co-authored. The species names are listed alphabetically, beginning with the protistans and the animals arranged by phyla: Annelida, Arthropoda, Chordata, and Mollusca, followed by class and family, respectively. The genus and species are assigned to the family group as originally proposed and listed after the family name. In each genus, the species-group names are listed alphabetically as in the original combination when firstly proposed. The number in square brackets placed directly behind each taxon refers to the publication listed above that includes the original description of its respective taxon name. The validity and currently accepted taxonomic status of a taxon, when the taxonomic combination is different from the original description, are also specified together with its reference of changes as the number in square brackets referred to the publication listed above or as additional citations. The authorship of each taxon is not stated to avoid redundancy. However, when the authorship and date of some taxa is different from the authors and date of the publication that includes its respective original description, the correct authorship and date of each taxon should be obtained from that respective publication. For the land snails originally described in 'Malacological Review' and 'Walkerana', the date specified on the articles could not be adopted as the taxon date. Therefore, the taxon date is herein corrected by applying the actual date (see below), and an imprint date (on publication) is stated in the square brackets. All necessary references other than that listed above are also provided in the references section.

Phylum Ciliophora: Ciliated protist Family Pseudocolliniidae [118]

Fusiforma [118]

Fusiforma themisticola [118]

Phylum Annelida Class Clitellata: Earthworms Family Almidae

Glyphidrilus bisegmentus [112]
Glyphidrilus borealis [117]
Glyphidrilus chaophraya [117]
Glyphidrilus champasakensis [171]
Glyphidrilus chiangraiensis [171]
Glyphidrilus chiensis [117]

Glyphidrilus huailuangensis [117]
Glyphidrilus jamiesoni [161]
Glyphidrilus kedahensis [143]
Glyphidrilus kralanhensis [161]
Glyphidrilus kotatinggi [112]
Glyphidrilus kratuensis [117]
Glyphidrilus mekongensis [111]
Glyphidrilus namdonensis [171]
Glyphidrilus namphao [171]
Glyphidrilus nanensis [171]
Glyphidrilus peninsularis [112]
Glyphidrilus perakensis [143]
Glyphidrilus quadratus [117]
Glyphidrilus satunensis [171]
Glyphidrilus sekongensis [171]
Glyphidrilus trangensis [117]
Glyphidrilus vangthongensis [117]
Glyphidrilus vangviengensis [102]
Glyphidrilus vesper [117]
Glyphidrilus wararamensis [117]

Family Megascolecidae

Amyntas arenulus [128]
Amyntas borealis [101]
Amyntas khaohayod [142]
Amyntas longicaeca [128]
Amyntas nangrongensis [142]
Amyntas phatubensis [101]
Amyntas phucheeifah [128]
Amyntas srinan [101]
Amyntas thakhantho [128]
Amyntas tontong [101]
Amyntas turris [142]
Amyntas whitteni [215]
Metaphire doiphamon [156]
Metaphire grandipenes [100]
Metaphire hijauensis [186]
Metaphire khaochamao [156]
Metaphire khaoluangensis [156]
Metaphire saxcicalcis [156]
Metaphire sedimensis [186]
Metaphire songkhlaensis [156]
Metaphire surinensis [156]
Metaphire trangensis [156]
Pontodrilus longissimus [195]

Phylum Annelida Class Clitellata: Leeches Family Haemadipsidae

Haemadipsa crenata [73]
Haemadipsa trimaculosa [73]
Tritetrabdella longiducta [164]

Family Hirudinidae

Hirudinaria thailandica [216]**Phylum Arthropoda****Class Chilopoda: Centipedes**

Family Scolopendridae

Digitipes kalewaensis [153]*Scolopendra cataracta* [166]*Sterropristes violaceus* [113]**Phylum Arthropoda****Class Diplopoda: Millipedes**

Family Cambalopsidae

Glyphiulus subbedosae [175]*Glyphiulus semicostulifer* [175]*Plusioglyphiulus biserratus* [220]*Plusioglyphiulus digitiformis* [184]*Plusioglyphiulus khmer* [220]*Trachyjulus bifidus* [184]*Trachyjulus magnus* [219]

Family Cryptodesmidae

Trichopeltis sutchariti [177]

Family Glomeridae

Hyleoglomeris aurea [149]*Hyleoglomeris cavicola* [149]*Hyleoglomeris hongkhraiensis* [149]

Family Haplodesmidae

Eutrichodesmus cambodiensis [228]

Family Harpagophoridae

Alienostreptus* [96]**Armatostreptus* [96]*****Heptischius* [96]*****Prominulostreptus* [96]***Heptischius lactuca* [96]*Thyropygus bearti* [83]*Thyropygus bispinispatula* [83]*Thyropygus bispinus* [83]*Thyropygus brachyacanthus* [83]*Thyropygus casjeekeli* [84]*Thyropygus chelatus* [83]*Thyropygus cimi* [165]*Thyropygus cristagalli* [83]*Thyropygus culter* [165]*Thyropygus demangei* [84]*Thyropygus dormiens* [105]*Thyropygus erectus* [83]*Thyropygus forceps* [165]*Thyropygus jarukchusri* [106]*Thyropygus laterolobatus* [105]*Thyropygus loxia* [83]*Thyropygus macrosiamensis* [105]*Thyropygus mesocristatus* [165]*Thyropygus navychula* [165]*Thyropygus planispina* [165]*Thyropygus quadricuspis* [84]*Thyropygus richardhoffmani* [84]*Thyropygus sutchariti* [165]*Thyropygus undulatus* [165]*Thyropygus ursus* [165]

Family Megalotyliidae

Nepalella siamensis [254]

Family Pachybolidae

Apeuthes fimbriatus [257]*Apeuthes longeligulatus* [257]*Apeuthes pollex* [257]*Apeuthes spininavis* [257]*Atopochetus anaticeps* [189]*Atopochetus helix* [189]*Atopochetus setiferus* [189]*Atopochetus spinimargo* [189]*Atopochetus truncatus* [189]*Atopochetus uncinatus* [189]*Atopochetus weseneri* [189]*Litostrophus chamaeleon* [189]*Litostrophus saraburensis* [189]

Family Paradoxosomatidae

Burmaxytes* [229]**Gigaxytes* [193]*****Nagaxytes* [192]*****Orthomorphoides* [103]*****Spinaxytes* [194]***Antheromorpha nguyenii* [203]*Burmaxytes mombergi* [229]*Burmaxytes whittenii* [229]*Desmoxytes aurata* [191]*Desmoxytes breviverpa* [167]*Desmoxytes corythosaurus* [191]*Desmoxytes des* [167]*Desmoxytes euros* [191]

Desmoxytes flabella [191]
Desmoxytes golovatchi [191]
Desmoxytes octoconigera [191]
Desmoxytes perakensis [191]
Desmoxytes pinnasquali [167]
Desmoxytes purpureosa [71]
Desmoxytes rhinoceros [150], accepted as *Hylomus*,
 see [191]
Desmoxytes rhinoparvus [150], accepted as *Hylomus*,
 see [191]
Desmoxytes takensis [167]
Desmoxytes waepyanensis [191]
Enghoffosoma anchoriforme [130]
Enghoffosoma bispinum [130]
Enghoffosoma funda [130]
Enghoffosoma lanceolatum [130]
Enghoffosoma zebra [130]
Gigaxytes fusca [193]
Gigaxytes parvoterga [193]
Gigaxytes suratensis [193]
Kronopolites lunatus [148]
Nagaxytes erecta [192]
Nagaxytes gracilis [192]
Nagaxytes spatula [192]
Orthomorpha alutaria [90]
Orthomorpha asticta [90]
Orthomorpha atypica [103]
Orthomorpha caramel [202]
Orthomorpha communis [103]
Orthomorpha elevata [103]
Orthomorpha enghoffi [90]
Orthomorpha gladiata [131]
Orthomorpha isarankurai [103]
Orthomorpha latiterga [103]
Orthomorpha parasericata [90]
Orthomorpha picturata [103]
Orthomorpha rodundicollis var. *subrotundicollis* [202]
Orthomorpha scabra var. *grandis* [202]
Orthomorpha similanensis [103]
Orthomorpha spiniformis [103]
Orthomorpha subelevata [103]
Orthomorpha suberecta [103]
Orthomorpha suberectoides [131]
Orthomorpha subtuberculifera [103]
Orthomorpha sutchariti [131]
Orthomorpha tuberculifera [103]
Orthomorpha vietnamica [202]
Spinaxytes biloba [194]
Spinaxytes efefi [194]
Spinaxytes hasta [194]
Spinaxytes krabiensis [194]
Spinaxytes macaca [194]
Spinaxytes palmata [194]
Spinaxytes sutchariti [194]

Spinaxytes tortioverpa [194]
Spinaxytes uncus [194]
Tetracentosternus theelorsuensis [123]
Tylopus acuminatus [163]
Tylopus bispinosus [91]
Tylopus corrugatus [132]
Tylopus dorsalis [163]
Tylopus extremus [91]
Tylopus flavolineatus [163]
Tylopus grandis [91]
Tylopus hongkhraiensis [163]
Tylopus moniliformis [163]
Tylopus monticola [239]
Tylopus parahilaroides [132]
Tylopus parajeekeli [91]
Tylopus punctus [163]
Tylopus retusus [163]
Tylopus sutchariti [239]
Tylopus thunghaihin [163]
Tylopus trigonum [132]
Tylopus veliger [91]

Family Pyrgodesmidae

Cryptocorypha enghoffi [204]

Family Pseudospirobolellidae

***Coxobolellus* [225]**

***Siliquobolellus* [256]**

Coxobolellus albiceps [225]
Coxobolellus compactogonus [225]
Coxobolellus fuscus [225]
Coxobolellus nodosus [225]
Coxobolellus serratus [225]
Coxobolellus simplex [225]
Coxobolellus tenebris [225]
Coxobolellus tigris [225]
Coxobolellus transversalis [225]
Coxobolellus valvatus [225]
Siliquobolellus amicusdraconis [256]
Siliquobolellus constrictus [256]
Siliquobolellus prasankokae [256]

Family Sinocallipodidae

Sinocallipus thai [75]

Family Zephroniidae

Sphaerobelum truncatum [115]

Phylum Arthropoda
Class Insecta
 Order Coleoptera: Beetles

Family Lucanidae

Aesalus dharma Araya et al., 1994 [9], accepted as
Echinoaesalus, see Paulsen (2018)

Phylum Arthropoda
Class Malacostraca
 Order Decapoda: Freshwater prawns

Family Palaemonidae

Macrobrachium naiyanetri [227]
Macrobrachium palmopilosum [227]
Macrobrachium puberimanus [227]

Phylum Chordata
Class Amphibia: Amphibians

Family Bufonidae

Ansonia inthanon [22]
Ansonia pilokensis [185]
Ansonia phuketensis [185]

Family Dicroglossidae

Limnonectes jarujini [92]
Limnonectes taylori [92]

Family Megophryidae

Leptobranchella korifi [263]
Leptobranchella sinorensis [263]
Leptobranchium smithi [30]

Family Rhacophoridae

Gracixalus seesom [151]
Rhacophorus jarujini [67]

Phylum Mollusca
Class Bivalvia: Freshwater mussels

Family Unionidae

Contradens rolfbrandti [199], accepted as *Lens*, see
 Pfeiffer et al. (2021)
Scabies songkramensis [146], accepted as *Scabiellus*,
 see Bolotov et al. (2020)

Solenaia khwaenoiensis [52], junior synonym of
Solenaia emarginata, see Pfeiffer et al. (2021)

Phylum Mollusca
Class Gastropoda: Land snails

The imprinted and publication years of Somsak Panha's publications in *Malacological Review* (Table 1) are partly retrieved from Coan and Kabat (2022) and actual printed publications. Those in *Walkerana* (Table 2) are based on publications available from https://mollusk-conservation.org/Walkerana_BackIssues.html.

TABLE 1. The volume number, imprinted year and publication year of Somsak Panha's publications in *Malacological Review*

Volume (Issue)	Imprinted year	Publication year
29(1–2)	1996	1997
30(1–2)	1997	1998
31(1)	1998–1999	2002
31/32(2)	1998–1999	2002
32(2)	1998–1999	2002
33/34(1–2)	2000–2001	2005
37/38(1)	2004–2005	2005

TABLE 2. The volume number, imprinted year and publication year of Somsak Panha's publications in *Walkerana*

Volume (Issue)	Imprinted year	Publication year
8(19)	1995–1996	1998
9(22)	1997–1998	2002
10(24)	1999	2002
11(25)	2000	2000
11(26)	2000	2002
12(28)	2001	2002
13(29/30)	2002	2003

Family Alycaeidae

Alycaeus pratatensis Panha, 1998[1997] [28], accepted
 as *Dicharax*, see Jirapatrasilp et al. (2021)
Alycaeus somnueki [35], accepted as *Stomacosmethis*,
 see Páll-Gergely et al. (2020c)

Family Ariophantidae

***Taphrenalla* [243]**

Cryptosemelus betarmon [242]
Cryptosemelus tigrinus [242]
Hemiplecta lanxangnica [198]
Hemiplecta ligorica [247]

Hemiplecta nemorosa [250]
Hemiplecta thailandica [247]
Macrochlamys asamurai Panha, 1997[1996] [16],
 accepted as *Taphrenalla*, see [243]
Macrochlamys aurantia [188]
Macrochlamys brachystia [223]
Macrochlamys caverna [188]
Macrochlamys coleus [188]
Macrochlamys lemma [188]
Macrochlamys tanymentula [188]
Sarika caligina [224]
Sarika concavata [223]
Sarika costabilis [258]
Sarika costata [258]
Sarika gratesi [224]
Sarika inferospira [224]
Sarika khmeriana [222]
Sarika lactoconcha [222]
Sarika lactospira [224]
Sarika lopa [223]
Sarika megalogyne [224]
Sarika melanospira [224]
Sarika nana [222]
Sarika pellosa [224]
Sarika solemi [224]
Sarika subheptagyra [224]
Taphrenalla alba [243]
Taphrenalla conformis [243]
Taphrenalla corona [243]
Taphrenalla dalli [243]
Taphrenalla incilis [243]
Taphrenalla macrosulcata [243]
Taphrenalla parversa [243]
Taphrenalla pygmaea [243]
Taphrenalla zemia [243]

Family Camaenidae

Amphidromus atricallosus classarius [70]
Amphidromus atricallosus temasek [110]
Amphidromus globonevilli [155]
Amphidromus inversus albulus [69]
Amphidromus principalis [155]
Amphidromus schomburgki dextrochlorus [70]
Amphidromus syndromoideus [172]
Amphidromus tanyai Panha, 1997[1996] [15]
Amphidromus xiengkhaungensis [172], junior synonym
 of *Aegistohadra roemeri*, see Jirapatrasilp et al.
 (2022)
Chloritis khammouanensis [198]
Ganesella halabalalah [213]

Family Carychiidae

Carychium thailandicum Burch & Panha, 2002[1998] [38]

Family Cerastidae

Rhachistia conformalis [97]

Family Cyclophoridae

Cyclophorus abditus [135]
Cyclophorus borealis [206]
Cyclophorus occultus [206]
Pterocyclos anamullayensis [212]
Pterocyclos diluvium [140]
Pterocyclos frednaggsi [140]
Rhiostoma ? amarapuraense [262]
Rhiostoma anceyi [262]
Rhiostoma breviocollar [262]
Rhiostoma ebenozostera [262]
Rhiostoma cheliopegma [262]
Rhiostoma furfurosum [262]



Amphidromus principalis, or the Topaz Tree Snail, the name bestowed by Her Royal Highness Princess Maha Chakri Sirindhorn in 2015. Courtesy by Arthit Pholyotha.

Rhiostoma gnomus [262]
Rhiostoma lannaense [262]
Rhiostoma laoense [262]
Rhiostoma platymorpha [262]
Rhiostoma rhothonotaphrosa [262]
Rhiostoma tigrina [262]

Family Diapheridae [98]

Diaphera prima [98]
Sinoennea euryomphala [160]
Sinoennea prima Panha & Burch, 2002[1999] [42]
Sinoennea ranongensis Panha, 2005[2001] [64]

Family Diplommatinidae

Diplommatina akron Panha & Burch, 1998[1996] [29]
Diplommatina angulifera umpangensis Panha, 1998[1996] [27]
Diplommatina crispata khaochamaoensis Panha, Kanchanasaka & Burch, 2002[1998] [48]
Diplommatina doichiangdao Panha & Burch, 1998[1998] [29]
Diplommatina hidagai Panha, 1998[1997] [26]
Diplommatina insularis [127]
Diplommatina inthanon [34]
Diplommatina jirasaki Panha, Kanchanasaka & Burch, 2002[1998] [48]
Diplommatina kewlom Panha & Burch, 1998[1996] [29]
Diplommatina krabiensis Panha & Burch, 1998[1996] [29]
Diplommatina naiyanetri Panha, 1998[1997] [26]
Diplommatina nimanandhi Panha, Kanchanasaka & Burch, 2002[1998] [48]
Diplommatina pongrati Panha, Kanchanasak & Burch, 2002[1998] [48]
Diplommatina prakayangensis Panha, 1998[1996] [27]
Diplommatina siriphumi [34]
Diplommatina suratensis Panha & Burch, 1998[1996] [29]
Opisthostoma beeartee [57]
Opisthostoma klongsangensis Panha, 1997[1996] [17], accepted as *Plectostoma*, see Liew et al. (2014)

Family Dyakiidae

***Khmerquantula* [241]**
***Phuphania* [78]**
***Pseudoquantula* [236]**

Khmerquantula leipo [241]
Phuphania carinata [119]
Phuphania globosa [78]

Pseudoquantula lenticularis [236]

Family Helicarionidae

***Burmochlamys* [259]**

Aenigmatoconcha eunetis [244]
Burmochlamys albida [259]
Burmochlamys fasciola [259]
Burmochlamys moulmeinica [259]
Burmochlamys versicolor [259]
Burmochlamys whitteni [259]
Sophina furfuracea [232]
Sophina pisinna [232]
Sophina salweenica [232]
Sophina tonywhitteni [232]

Family Hydrocenidae

Georissa carinata [234]

Family Hypselostomatidae

***Antroapiculus* Panha & Burch, 2002[1999] [47]**
***Krobylos* Panha & Burch, 2002[1999] [44]**
***Montapiculus* Panha & Burch, 2002[1999] [47]**, junior synonym of *Clostophis*, see Páll-Gergely et al. (2020a)

Anauchen angthongensis Panha in Burch & Panha, 2002[2000] [39]
Anauchen banmiensis [54], accepted as *Hypselostoma*, see [62]
Anauchen chatnareeae Panha & Burch in Burch et al., 2003[2002] [51]
Anauchen huaykhakang Panha in Burch & Panha, 2002[2000] [39]
Anauchen khaochongpran [43], accepted as *Hypselostoma*, see [62]
Anauchen sichang [43], accepted as *Gyliotrachela*, see [62]
Anauchen smokon [54], accepted as *Hypselostoma*, see [62]
Anauchen srakeoensis [54]
Anauchen utaithaniensis Panha in Burch & Panha, 2002[2000] [39]
Angustopila singuladentis [160]
Antroapiculus pendulus Panha & Burch, 2002[1999] [47]
Aulacospira depressa [65]
Aulacospira khaobote [65]
Aulacospira khaopratan [58]
Aulacospira lampangensis Panha & Burch, 2002[2001] [45]

- Aulacospira pluangtong* [54]
Aulacospira smaesarnensis Panha & Burch, 2002[2001] [45]
Boysidia chiangmaiensis Panha & Burch, 2002[1999] [42]
Boysidia tholos Panha & Burch, 2002[1999] [44]
Gyliotrachela burchi Panha, 1998[1997] [24]
Gyliotrachela diarmaidi Panha & Burch in Burch et al., 2003[2002] [51]
Gyliotrachela khaochakan Panha & Burch in Burch et al., 2003[2002] [51]
Gyliotrachela khaochongensis Panha, 1998[1997] [26]
Gyliotrachela khaowongkot [54]
Gyliotrachela kohrin Panha & Burch in Burch et al., 2003[2002] [51]
Gyliotrachela muangon [54]
Gyliotrachela phoca [127]
Gyliotrachela plesiolopa [160]
Gyliotrachela saraburiensis Panha & Burch in Burch et al., 2003[2002] [51]
Gyliotrachela srirachaensis [54]
Gyliotrachela surakiti Panha & Burch in Burch et al., 2003 [2002] [51]
Gyliotrachela tridentata [54]
Hypselostoma chedi Panha, 1998[1997] [25], accepted as *Anauchen*, see [39]
Hypselostoma cucumensis Panha, 1998[1997] [25]
Hypselostoma erawan Panha & Burch in Burch et al., 2003[2002] [51]
Hypselostoma khaowongensis Panha, 1998[1997] [25], accepted as *Gyliotrachela*, see [62]
Hypselostoma loei Panha & Prateepasen, 2005[2001] [63]
Hypselostoma pattalungensis [54]
Hypselostoma satulensis [54]
Hypselostoma taehwani Panha & Burch in Burch et al., 2003[2002] [51]
Hypselostoma utongensis [54]
Krobylos kangkoy [54]
Krobylos maehongsonensis Panha & Burch, 2002[1999] [44]
Krobylos pomjuk Panha & Burch, 2002[1999] [44]
Krobylos takensis [54]
Krobylos tampla [54]
Krobylos veruwan [54]
Montapiculus proboscideus Panha & Burch, 2002[1999] [47], accepted as *Clostophis*, see Páll-Gergely et al. (2020a)
Paraboysidia anguloobtus [160], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Paraboysidia muaklekensis Panha & Burch, 2002[1999] [46], accepted as *Gyliotrachela*, see [62]
Paraboysidia nabhitabhatai Panha & Burch, 2002[2001] [46], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Paraboysidia pangmapaensis Panha & Burch, 2002[2001] [46], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Paraboysidia paralella [160], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Paraboysidia phupaman Panha & Burch, 2002[2001] [46], accepted as *Gyliotrachela*, see [62]
Paraboysidia tamphathai [31], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Paraboysidia tarutao Panha & Burch, 2002[2001] [46], accepted as *Gyliotrachela*, see [62]
Paraboysidia wangviangensis Panha & Tonkerd, 2003[2002] [53], accepted as *Bensonella*, see Páll-Gergely and White (2023)
Systemostoma edentata Panha & Burch, 2002[1999] [44], accepted as *Hypselostoma*, see Jochum et al. (2014)
Systemostoma tamlod Panha & Burch, 2002[1999] [44], accepted as *Angustopila*, see Jochum et al. (2014)
- Family Pupinidae
- Pollicaria mouhoti monochroma* [120]
Pseudopomatias doiangkhangensis [253]
Pseudopomatias pallgergelyi [253]
Pupina bensoni [253]
Pupina bilabiata [253]
Pupina dorri isanensis [253]
Pupina godwinausteni [253]
Pupina latisulci [253]
Pupina stoliczkai [253]
- Family Streptaxidae
- Carinartemis* [138]**
- Carinartemis striatus* [138]
Carinartemis vesperus [138]
Discartemon afthonodontia [137]
Discartemon circulus [137]
Discartemon conicus [137]
Discartemon deprima [137]
Discartemon discadentus [137]



Tylototriton panhai, a newt from Phu Luang Wild-life Sanctuary, Loei, Thailand. Snout-vent length $\approx$ 70 mm. Courtesy by Porrawee Pomchote.

Discartemon discamaximus [137]
Discartemon epipedis [137]
Discartemon expandus [137]
Discartemon flavacandida [137]
Discartemon khaosokensis Panha, 2002[1999] [41]
Discartemon kotanensis [137]
Discartemon megalostraka [137]
Discartemon paurodeviatus [255]
Discartemon sagitticallosum [233]
Discartemon tonywhitteni [233]
Discartemon triancus [137]
Haploptychius heliakosus [255]
Haploptychius karenorum [255]
Haploptychius tenasserimicus [255]
Indoartemon diodonta [159]
Indoartemon medius [138]
Perrottetia aquilonaris [125]
Perrottetia dermapyrrhosa [125]
Perrottetia megadentata [159]
Perrottetia phuphamanensis [125]
Perrottetia unidentata [159]

TAXA NAMED FOR SOMSAK PANHA IN CHRONOLOGICAL ORDER

Stoliczia panhai Ng & Naiyanetr in Ng, 1986: 41 (a crab from Songkhla, Thailand)
Dibamus somsaki Honda et al., 1997: 276 (a lizard from Chanthaburi, Thailand)
Arinia panhai Maassen, 2001: 55 (a micro land snail from Yala, Thailand; currently in *Plectostoma* H. Adams, 1865)
Hypselostoma panhai Burch & Tongkerd, 2003 [51]: 178 (a micro land snail from Kanchanaburi, Thailand)
Amolops panhai Matsui & Nabhitabhata, 2006: 728 (a frog from western and southern Thailand)
Aulacospira panhai Dumrongrojwattana, 2008: 57 (a micro land snail from Rayong, Thailand)
Musculus panhai Moolenbeek, 2009: 113 (a marine mussel from Bay of Jakarta, Indonesia, and Chonburi, Thailand)
Ptychauchenia panhai Nordsieck, 2010: 48 (a door snail from Ninh Binh and Quang Binh, Vietnam)



Holotype of *Ptychauchenia panhai* (SMF 331361/1), a door snail from Cuc Phuong National Park, Nin Binh, Vietnam.

- Plusioglyphiulus panhai* Golovatch et al., 2011: 5 (a millipede from Phachuap Khiri Khan, Thailand)
- Tylototriton panhai* Nishikawa et al., 2013: 275 (a newt from Petchabun Range, Thailand)
- Trapezoideus panhai* Konopleva, Bolotov & Kondakov in Bolotov et al., 2017: 13 (a freshwater mussel from Sittaung, Myanmar; currently in *Yaukthwa* Konopleva et al., 2019)
- Sinoennea panhai* Páll-Gergely & Hunyadi in Páll-Gergely et al., 2020b: 7 (a micro land snail from Chiang Rai, Thailand)
- Carebara panhai* Jaitrong, Pitaktunsakul & Jantarit, 2021: 9 (an ant from Kanchanaburi, Thailand)
- Dicharax panhai* Jirapatrasilp & Páll-Gergely in Jirapatrasilp et al., 2021: 11 (a micro land snail from Kanchanaburi, Thailand)
- Hyriopsis panhai* Jeratthitikul et al., 2021: 131 (a freshwater mussel from Chao Phraya Basin, Thailand)
- Zephronia panhai* Srisongchai, Sutcharit & Likhitrakarn, 2021: 41 (a pill millipede from western Thailand)
- Tenuibaetis panhai* Suttinun, Gattolliat & Boonsoong, 2022: 168 (a mayfly from Thailand)
- Thaicypris panhai* Savatnalinton, 2022: 89 (an ostracod from Maha Sarakham, Thailand)
- Angustopila somsaki* Páll-Gergely & Hunyadi in Páll-Gergely et al., 2023: 132–135 (a micro land snail from northern Thailand)

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ADDITIONAL REFERENCES

- Bolotov, I.N., Konopleva, E.S., Vikhrev, I.V., Gofarov, M.Y., Lopes-Lima, M., Bogan, A.E., Lunn, Z., Chan, N., Win, T., Aksenova, O.V., Tomilova, A.A., Tanmuangpak, K., Tumpeesuwan, S. and Kondakov, A.V. 2020. New freshwater mussel taxa discoveries clarify biogeographic division of Southeast Asia. *Scientific Reports*, 10(1): 6616.
- Bolotov, I.N., Vikhrev, I.V., Kondakov, A.V., Konopleva, E.S., Gofarov, M.Y., Aksenova, O.V. and Tumpeesuwan, S. 2017. New taxa of freshwater mussels (Unionidae) from a species-rich but overlooked evolutionary hotspot in Southeast Asia. *Scientific Reports*, 7(1): 11573.
- Coan, E.V. and Kabat, A.R. 2022. 2,400 Years of Malacology Annex 3: Collations of Journals and Series of Malacological Significance. Available from: [https://ams.wildapricot.org/resources/Documents/2400%20Years%20of%20Malacology%202022/AMS2400collations\(Journals\).pdf](https://ams.wildapricot.org/resources/Documents/2400%20Years%20of%20Malacology%202022/AMS2400collations(Journals).pdf) (accessed 25 May 2022)
- Dumrongrojwattana, P. 2008. A new species of *Aulacospira* (Pulmonata: Stylommatophora: Pupillidae) from Eastern Thailand. *The Natural History Journal of Chulalongkorn University*, 8(1): 57–59.
- Golovatch, S.I., Geoffroy, J.-J., Mauriès, J.-P. and Vandenspiegel, D. 2011. The millipede genus *Plusioglyphiulus* Silvestri, 1923 in Thailand (Diplopoda, Spirostreptida, Cambalopsidae). *Zootaxa*, 2940: 1–63.
- Honda, M., Nabhitabhata, J., Ota, H. and Hikida, T. 1997. A new species of *Dibamus* (Squamata: Dibamidae) from Thailand. *The Raffles Bulletin of Zoology*, 45(2): 275–279.
- Jaitrong, W., Pitaktunsakul, P. and Jantarit, S. 2021. A new species of the genus *Carebara* Westwood, 1840 (Hymenoptera: Formicidae: Myrmecinae) inhabits a cave in Thailand. *Far Eastern Entomologist*, 425: 7–20.
- Jeratthitikul, E., Paphatmethin, S., Zieritz, A., Lopes-Lima, M. and Ngor, P.B. 2021. *Hyriopsis panhai*, a new species of freshwater mussel from Thailand (Bivalvia: Unionidae). *Raffles Bulletin of Zoology*, 69: 124–136.
- Jirapatrasilp, P., Huang, C.-W., Hwang, C.-C., Sutcharit, C. and Lee, C.-T. 2022. Convergent evolution of *Amphidromus*-like colourful arboreal snails and phylogenetic relationship of East Asian camaenids, with description of a new *Aegistohadra* species (Helicoidei, Camaenidae, Bradybaeninae). *Invertebrate Systematics*, 36(3): 244–290.
- Jirapatrasilp, P., Páll-Gergely, B., Sutcharit, C. and Tongkerd, P. 2021. The operculate micro land snail genus *Dicharax* Kobelt & Möllendorff, 1900 (Caenogastropoda, Alycaeidae) in Thailand, with description of new species. *Zoosystematics and Evolution*, 97(1): 1–20.
- Jochum, A., Slapnik, R., Kampschulte, M., Martels, G., Heneka, M. and Páll-Gergely, B. 2014. A review of the microgastropod genus *Systemostoma* Bavay & Dautzenberg, 1908 and a new

- subterranean species from China (Gastropoda, Pulmonata, Hypselostomatidae). *ZooKeys*, 410: 23–40.
- Konopleva, E.S., Pfeiffer, J.M., Vikhrev, I.V., Kondakov, A.V., Gofarov, M.Y., Aksenova, O.V., Lunn, Z., Chan, N. and Bolotov, I.N. 2019. A new genus and two new species of freshwater mussels (Unionidae) from western Indochina. *Scientific Reports*, 9(1): 4106.
- Liew, T.-S., Vermeulen, J.J., Marzuki, M.E. and Schilthuizen, M. 2014. A cybertaxonomic revision of the micro-landsnail genus *Plectostoma* Adam (Mollusca, Caenogastropoda, Diplommatinidae), from Peninsular Malaysia, Sumatra and Indochina. *ZooKeys*, 393: 1–107.
- Maassen, W.J.M. 2001. Four new Diplommatinidae (Gastropoda, Prosobranchia, Diplommatinidae) from southern Thailand and northern Peninsular Malaysia. *Basteria*, 65: 51–56.
- Matsui, M. and Nabhitabhata, J. 2006. A new species of *Amolops* from Thailand (Amphibia, Anura, Ranidae). *Zoological Science*, 23: 727–732.
- Moolenbeek, R.G. 2009. A common mytilid from the Sunda Shelf new to science *Musculus panhai* n. sp. (Bivalvia: Mytilidae). *Miscellanea Malacologica*, 3(5): 113–116.
- Ng, P.K.L. 1986. Preliminary descriptions of 17 new freshwater crabs of the genera *Geosesarma*, *Parathelphusa*, *Johora* and *Stoliczia* (Crustacea, Decapoda, Brachyura) from South East Asia. *Journal of the Singapore National Academy of Science*, 15: 36–44.
- Nishikawa, K., Khonsue, W., Pomchote, P. and Matsui, M. 2013. Two new species of *Tylototriton* from Thailand (Amphibia: Urodela: Salamandridae). *Zootaxa*, 3737(3): 261–279.
- Nordsieck, H. 2010. New taxa of the subfamilies Neniinae and Garnieriinae (Gastropoda: Stylommatophora: Clausiliidae). *Archiv für Molluskenkunde*, 139(1): 45–69.
- Páll-Gergely, B., Hunyadi, A., Grego, J., Reischütz, A., Buczkó, K. and Vermeulen, J.J. 2020a. *Clostophis* Benson, 1860, is not a monotypic diplommatinid but a speciose hypselostomatid (Gastropoda: Eupulmonata), with descriptions of six new species. *Raffles Bulletin of Zoology*, 68: 350–368.
- Páll-Gergely, B., Hunyadi, A., Vermeulen, J.J., Grego, J., Sutcharit, C., Reischütz, A., Dumrongrojwattana, P., Botta-Dukát, Z., Örstan, A., Fekete, J. and Jochum, A. 2023. Five times over: 42 new *Angustopila* species highlight Southeast Asia's rich biodiversity (Gastropoda, Stylommatophora, Hypselostomatidae). *ZooKeys*, 1147: 1–177.
- Páll-Gergely, B., Reischütz, A., Maassen, W.J.M., Grego, J. and Hunyadi, A. 2020b. New taxa of Diapheridae Panha & Naggs in Sutcharit et al., 2010 from Laos and Thailand (Gastropoda: Eupulmonata: Stylommatophora). *Raffles Bulletin of Zoology*, 68: 1–13.
- Páll-Gergely, B., Sajan, S., Tripathy, B., Meng, K., Takahiro, A. and Ablett, J. 2020c. Genus-level revision of the Alycaeidae, with a catalog of the species (Gastropoda: Cyclophoroidea). *ZooKeys*, 981: 1–220.
- Páll-Gergely, B. and White, T.S. 2023. Solving the mystery of the misunderstood *Bensonella plicidens* (Benson, 1849) (Gastropoda: Stylommatophora: Hypselostomatidae). *Journal of Natural History*, 56(45–48)[2022]: 2011–2029.
- Paulsen, M.J. 2018. Generic changes in the stag beetle tribe Aesalini (Coleoptera: Lucanidae: Aesalinae) with the description of two new species. *Insecta Mundi*, 666: 1–10.
- Pfeiffer, J.M., Graf, D.L., Cummings, K.S. and Page, L.M. 2021. Taxonomic revision of a radiation of Southeast Asian freshwater mussels (Unionidae: Gonideinae : Contradentini+Rectidentini). *Invertebrate Systematics*, 35(4): 394–470.
- Savatenalinton, S. 2022. On *Thaicypris panhai* gen. et sp. nov., a new herpetocypridine ostracod (Crustacea: Ostracoda: Cyprididae) from Thailand. *European Journal of Taxonomy*, 787(1): 86–103.
- Siriwut, W., Edgecombe, G.D., Sutcharit, C., Tongkerd, P. and Panha, S. 2016. A taxonomic review of the centipede genus *Scolopendra* Linnaeus, 1758 (Scolopendromorpha, Scolopendridae) in mainland Southeast Asia, with description of a new species from Laos. *ZooKeys*, 590: 1–124.
- Srisonchai, R., Sutcharit, C. and Likhitrakarn, N. 2021. The giant pill-millipede genus *Zephronia* Gray, 1832 from Thailand, with a redescription of *Z. siamensis* Hirst, 1907 and descriptions of three new species (Diplopoda, Sphaerotheriida, Zephroniidae). *ZooKeys*, 1067: 19–56.
- Suttinun, C., Gattolliat, J.-L. and Boonsoong, B. 2022. First report of the genus *Tenuibaetis* (Ephemeroptera, Baetidae) from Thailand revealing a complex of cryptic species. *ZooKeys*, 1084: 165–182.