

Faculty of Science

Department of Biology

Curriculum Title: Master of Science Program in Biology (International Program)

Curriculum Description:

The program is emphasizing on the Master of Science with deep knowledge of biology and has 21st century learning skills including of a critical thinking and a knowledge discovering. It conduces to the ability of publicize a new finding in national and international level, moreover the efficiently broadcast a knowledge by various media form are comprised. The comprehension and the research problem analyzed are lead to insight of the biological and the ecological, especially in South Asia and Southeast Asia region.

Type of Program

Regular Program (Monday – Friday) and international Program

Dissertation Themes

The creations of research problem on thesis ought to aims for understand the natural phenomena, which are reaching into various fields of biology such as botany, zoology, ecology and genetics as modify by interesting.

Prospective students

- Graduated on bachelor's degree or equivalent in curriculum with accreditation of Ministry of Education.
- Have English language proficiency with minimum score accepted: TOEFL (Paper Based) 450 / TOEFL (Computer Based) 133 / TOEFL (Internet Based, iBT) 45 / IELTS 4.0 / CU-TEP 45 / PSU-TEP 45, and valid on 2 years during applicant date.
- The additional eligibility criteria as following:

1. Plan A1

Graduated on bachelor's degree in Biology or in related field with academic excellence of grade point average or graduation with honors, and have experience on biological research.

2. Plan A2

Graduated on bachelor's degree in Biology or in related field, either have experience on biological research or in related field at least 2 years.

Prospective advisors

1. Dr. KRINGPAKA WANGKULANGKUL

Education: Ph.D. (Marine Biology), Bangor University, England

E-mail: kringpaka.w@psu.ac.th

Publication

Wangkulangkul, K. 2017. Comments on restricted distribution of *Mytilopsis adamsi* Morrison, 1946, a non-native false mussel in the Songkhla Lagoon System, southern Thailand. Limnology. DOI: 10.1007/s10201-017-0515-1.

Wangkulangkul, K., Hawkins, S. J. & Jenkins, S. R. 2016. The influence of mussel-modified habitat

on *Fucus serratus* L. a rocky intertidal canopy-forming macroalga. Journal of Experimental Marine Biology and Ecology, 481, 63-70.

Wangkulangkul, K., & Lheknim, V. 2008. The occurrence of an invasive alien mussel *Mytilopsis adamsi* Morrison, 1946 (Bivalvia: Dreissenidae) in estuaries and lagoons of the lower south of the Gulf of Thailand with comments on their establishment. Aquatic Invasions, 3(3), 325-330.

2. Dr. KRITTIKA KAEWCHUMNONG

Education: Ph.D. (Plant Science), University of Aberdeen, United Kingdom

E-mail: krittika.k@psu.ac.th

Publication

- Thapa, L. B., **Kaewchumnong, K.**, Sinkkonen, A. and Sridith, K. 2017. Plant invasiveness and target plant density: high densities of native *Schima wallichii* seedlings reduce negative effects of invasive *Ageratina adenophora*. *Weed Research*. (accepted)
- Thapa, L. B., **Kaewchumnong, K.**, Sinkkonen, A. and Sridith, K. 2016. Impacts of invasive *Chromolaena odorata* on species richness, composition and seedling recruitment of *Shorea robusta* in a tropical Sal forest, Nepal. *Songklanakarin Journal of Science and Technology*. 38: 683-689.
- Thapa, L. B., **Kaewchumnong, K.**, Sinkkonen, A. and Sridith, K. 2016. Plant communities and *Ageratina adenophora* invasion in lower montane vegetation, central Nepal. *International Journal of Ecology and Development*. 31: 35-49.

3. Assoc. Prof. Dr. KITICHATE SRIDITH

Education: Dr.rer.nat. (Botany), Universitat Wien, Austria

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Publication

- Thapa, L., Kaewchumnong, K., Sinkkonen, A. and **Sridith, K.** 2016. Plant communities and *Ageratina adenophora* invasion in lower montane vegetation, central Nepal. *International Journal of Ecology and Development*. Vol.31: 35-49.
- Chantanaorrapint, S. and **Sridith, K.** 2015. *Thismia nigricans* Chantanaorr & species a new species of *Thismiaceae* from Southern Thailand. *Phytotaxa*. Vol.217: 293-297.
- Chantanaorrapint, S., Tetsana, N. and **Sridith, K.** 2015. Notes on *Thismia clandestina* (*Thismiaceae*), a little-known mycoheterotrophic species. *Polish Botanical Journal*. Vol.60: 71-74.
- Chantanaorrapint, S. and **Sridith, K.** 2015. *Thismia nigricans* Chantanaorr. & Sridith, a new species of *Thismiaceae* from Southern Thailand. *Phytotaxa*. Vol.217: 293-297.
- Jamtsho, K. and **Sridith, K.** 2015. Exploring the patterns of alpine vegetation of Eastern Bhutan: a case study from the Merak Himalaya. *SpringerPlus*. Vol.4: 304
- Bunpha, K., Pedersen, H. and **Sridith, K.** 2014. How does sampling strategy influence detection of morphological variation in orchids? A case-study of the epiphyte *Oberonia hosseusii*. *Plant Systematics and Evolution*. Vol.300: 585-594.
- Bunpha, K., Pedersen, H. and **Sridith, K.** 2014. *Oberonia pygmaea* sp. nov. (*Orchidaceae*) from Thailand. *NORDIC Journal of Botany*. Vol.32: 143-145.
- Chantanaorrapint, S. and **Sridith, K.** 2014. The genus *Plagiochasma* (*Aytoniaceae*, *Marchantiopsida*) in Thailand. *Cryptogamie, Bryologie*. Vol.35: 127-132.
- Tetsana, N., Pedersen, H. and **Sridith, K.** 2014. *Liparis rubescens* sp nov (*Orchidaceae*) from Thailand. *NORDIC Journal of Botany*. Vol.32: 555-558.

- Tetsana, N., Pedersen, H. and **Sridith, K.** 2014. Character intercorrelation and the potential role of phenotypic plasticity in orchids: a case study of the epiphyte *Liparis resupinata*. *Plant Systematics and Evolution*. Vol.300: 517-526.
- Jamtsho, K. และ **ศรีดิษฐ์, ก.** 2013. A note on the anthropogenic impacts on the native vascular plants in the Himalayan Range of Merak, Sakteng Wildlife Sanctuary, Bhutan. *วารสารพฤกษศาสตร์ไทย*; Vol.5: 27-33.
- Tetsana, N., Pedersen, H. and **Sridith, K.** 2013. Five species of *Liparis* (Orchidaceae) newly recorded for Thailand. *Thai Forest Bulletin (Botany)*. Vol.41: 48-55.
- Stankovic, M., Chantanaorrapint, S. and **Sridith, K.** 2013. Notes on the vegetation of the fast-flowing streams in Peninsular Thailand, the tropical mainland of South East Asia. *Taiwania*. Vol.58: 275-290.
- Stankovic, M., จันทนาอรพินท์, ส. และ **ศรีดิษฐ์, ก.** 2013. The correlation of the selected environmental factors and the plant communities along the fast-flowing streams in Peninsular Thailand. *วารสารพฤกษศาสตร์ไทย*. Vol.5: 131-142.
- Bunpha, K., Pedersen, H. and **Sridith, K.** 2013. Establishing species distributions in large tropical plant genera: insights from twelve new Thai records of *Oberonia* (Orchidaceae). *BLUMEA*. Vol.58: 71-76.
- Lindsay, S., Phutthai, T., **Sridith, K.**, Chantanaorrapint, S. and Middleton, D. 2012. *Actinostachys wagneri* (Schizaeaceae), a new record for Thailand. *Thai Forest Bulletin (Botany)*. Vol.40: 14-16.
- Sridith, K. 2012. *Argostemma phyllocharis*, a new species of Rubiaceae from Northern Thailand. *KEW BULLETIN*. Vol.67: 85-87.

4. Asst. Prof. Dr. CHARAN LEERATIWONG

Education: Ph.D. (Biology), Khonkaen University, Thailand

E-mail: jarun.l@psu.ac.th

Publication

- Leerativong, J.**, Chantaranothai, P., Paton, A. 2017. Notes on the genus *Rothea* (Lamiaceae) in Thailand. *Kew Bulletin*. Vol.73: number: 3.
- Leerativong, C** and Chantaranothai, P. 2014. The genus *Volkameria* L. (Lamiaceae) in Thailand. *Thai Journal of Botany*. Vol.6(2): 107-113.
- Wearn, J. and **Leerativong, J.** 2012. A reassessment of the identity and rarity of *Clerodendrum chlorisepalum* (Lamiaceae) in Thailand and Vietnam. *Thai Forest Bulletin (Botany)*, Vol.40: 121-124.

5. Dr. JARUWAN MAYAKUN

Education: Ph.D. (Biology), Prince of Songkla University, Thailand

E-mail: jaruwan.may@psu.ac.th

Publication

- Sondak, C. F. A., Ang Jr, P. O., Beardall, J., Bellgrove, A., Boo, S. M., Gerung, G. S., Hepburn, C. D., Hong, D. D., Hu, Z., Kawai, H., Largo, D., Lee, J. A., Lim, P., **Mayakun, J.**, Nelson, W. A., Oak, J. H., Phang, S., Sahoo, D., Peerapornpis, Y., Yang, Y. and Chung, I. K. 2016. Carbon dioxide mitigation potential of seaweed aquaculture beds (SABs). *J. Appl. Phycol.* doi:10.1007/s10811-016-1022-1
- Mayakun, J.**, Bunruk, P. and Kongsang, R. 2014. Growth rate and calcium carbonate accumulation of *Halimeda macroloba* Decaisne (Chlorophyta: Halimedaceae) in Thai waters. *Songklanakarin Journal of Science and Technology*.
- Mayakun, J.**, Ha Kim, J., Lapointe, B. and Prathep, A. 2013. Effect of nutrient enrichment and herbivory on morphology, reproduction and chemical content of *Turbinaria conoides* (Phaeophyceae). *Phycological Research*. Vol.61: 270-276.
- Mayakun, J.**, Kim, J., Lapointe, B. and Prathep, A. 2013. Algal response to nutrient enrichment; insights into growth and chemical concentrations in two algae, *Halimeda macroloba* Decaisne and *Turbinaria conoides* (J. Agardh) Kützing. *Songklanakarin Journal of Science and Technology*. Vol.35: 389-395.
- Mayakun, J.**, Kim, J., Lapointe, B. and Prathep, A. 2012. Gametangial characteristics in the sexual reproduction of *Halimeda macroloba* Decaisne (Chlorophyta: Halimedaceae). *Songklanakarin Journal of Science and Technology*. Vol.34: 211-216.

6. Dr. DANIA CHEAHA

Education: Ph.D. (Physiology), Prince of Songkla University, Thailand

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Publication

- Cheaha, D.**, Reakkamnuan, C., Nukitram, J., Chittrakarn, S., Phukpattaranont, P., Keawpradub, N., Kumarnsit, E. 2017. Effects of alkaloid-rich extract from *Mitragyna speciosa* (Korth.) Havil. on naloxone-precipitated morphine withdrawal symptoms and local field potential in the nucleus accumbens of mice. *Journal of Ethnopharmacology*. Vol. 208: 129-137.
- Samerphob, N., **Cheaha, D.**, Chatpun, S., Kumarnsit, E. 2017. Hippocampal CA1 local field potential oscillations induced by olfactory cue of liked food. *Neurobiology of Learning and Memory*. Vol. 142: 173-181.
- Reakkamnuan, C., **Cheaha, D.**, Kumarnsit, E. 2017. Nucleus accumbens local field potential power spectrums, phase-amplitude couplings and coherences following morphine treatment. *Acta Neurobiologiae Experimentalis*. Vol. 77(3): 214-224.

Cheaha, D., Issuriya, A., Manor, R., Kwangjai, J., Rujiralai, T., Kumarnsit, E. 2016.

Modification of sleep-waking and electroencephalogram induced by vetiver essential oil inhalation. *Journal of Intercultural Ethnopharmacology*. Vol. 5(1): 72-78.

7. **Dr. TIDARAT PUANGPAIROTE**

Education: Ph.D. (Biotechnology), Mahidol University, Thailand

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Publication

Chantanaorrapint, S., **Puangpairote, T.**, Wai, J.S. and Chantanaorrapint, A. 2017. Notes on *Goodyera Lanceolata* (Orchidaceae), a Mysterious Orchid Species. *Polish Botanical Journal*. Vol. 62(2): 229-232

Puangpairote, T., Maknoi, C., Jenjittikul, T., Anamthawat-Jónsson, K., Soontornchainaksaeng, P. 2016. Natural triploidy in phyto-oestrogen producing *Curcuma* species and cultivars from Thailand. *Euphytica*. Vol. 208(1): 47-61

8. **Dr. PATAMARERK ENGSONTIA**

Education: Ph.D. (Biology), Prince of Songkla University, Thailand

E-mail: patamarerk.e@psu.ac.th

Publication

Schoville, S.D., Chen, Y.H., Andersson, M.N., Benoit, J.B., Bhandari, A., Bowsher, J.H., Brevik, K., Cappelle, K., Chen, M.-J.M., Childers, A.K., Childers, C., Christiaens, O., Clements, J., Didion, E.M., Elpidina, E.N., **Engsontia, P.**, Friedrich, M., García-Robles, I., Gibbs, R.A., Goswami, C., Grapputo, A., Gruden, K., Grynberg, M., Henrissat, B., 2018. A model species for agricultural pest genomics: The genome of the Colorado potato beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae). *Scientific Reports*. Vol.8(1): number1931

Engsontia, P., Sangket, U., Robertson, H.M., Satasook, C. 2015. Diversification of the ant odorant receptor gene family and positive selection on candidate cuticular hydrocarbon receptors. *BMC Research Notes*. Vol.8(1): number 380.

Engsontia, P., Sangket, U., Chotigeat, W., Satasook, C. 2014. Molecular evolution of the odorant and gustatory receptor genes in lepidopteran insects: Implications for their adaptation and speciation. *Vol.79 (1-2): 21-39.*

9. Assoc. Prof. Dr. PORNSILP PHOLPUNTHIN

Education: Ph.D. (Fisheries), University of Tokyo, Japan

E-mail: pornsilp.p@psu.ac.th

Publication

- Meksuwan, P., **Pholpunthin, P.** and Segers, H. 2015. Molecular phylogeny confirms Conochilidae as ingroup of Flosculariidae (Rotifera, Gnesiotrocha). *Zoologica Scripta*. Vol.44, Page: 562-573.
- Rodcharoen, E., Bruce, N. and **Pholpunthin, P.** 2014. *Cirolana songkhla*, a new species of brackish-water cirolanid isopod (Crustacea, Isopoda, Cirolanidae) from the lower Gulf of Thailand. *Zookeys*. Vol.375: 1-14.
- Meksuwan, P., **Pholpunthin, P.**, Walsh, E., Segers, H. and Wallace, R. 2014. Nestedness in sessile and periphytic rotifer communities: A meta-analysis. *International Review of Hydrobiology*. Vol.99: 48-57.
- Wongkamhaeng, K., Coleman, C. and **Pholpunthin, P.** 2013. Three new species from the Aoridae and Maeridae (Crustacea, Amphipoda) from Thai Waters. *Zootaxa*. Vol.3693: 503-533.
- Wongkamhaeng, K., Coleman, C. and **Pholpunthin, P.** 2013. *Maeropsis paphavasitae* and *Rotomelita longipropoda*, two new species (Crustacea, Amphipoda) from Lower Gulf of Thailand. *Zookeys*. Vol.307: 15-33.
- Meksuwan, P., **Pholpunthin, P.** and Segers, H. 2013. The Collothecidae (Rotifera, Collothecacea) of Thailand, with the description of a new species and an illustrated key to the Southeast Asian fauna. *ZooKeys*. Vol.315: 1-16.
- Wongkamhaeng, K., **Pholpunthin, P.** and B.a.r, A. 2012. *Grandidierella halophilus* a New Species of the Family Aoridae (Crustacea: Amphipoda) from the Salt pans of the inner Gulf of Thailand. *Raffles Bulletin of Zoology*. Vol.60: 433-447.

10. Dr. PIMCHANOK BUAPET

Education: Ph.D. Stockholms Universitet, Sweden

E-mail: pimchanok.b@psu.ac.th

Publication

- Buapet, P., Makkliang, F., Thammakhet-Buranachai, C. 2017. Correction to: Photosynthetic activity and photoprotection in green and red leaves of the seagrasses, *Halophila ovalis* and *Cymodocea rotundata*: implications for the photoprotective role of anthocyanin (*Mar Biol*, (2017), 164, (182), 10.1007/s00227-017-3215-9). *Marine Biology*. Vol.164(11): number 212.

- Buapet, P., Makkliang, F., Thammakhet-Buranachai, C. 2017. Photosynthetic activity and photoprotection in green and red leaves of the seagrasses, *Halophila ovalis* and *Cymodocea rotundata*: implications for the photoprotective role of anthocyanin. *Marine Biology*. Vol.164(9): number 182.
- Rasmusson, L.M., Lauritano, C., Procaccini, G., Gullström, M., Buapet, P., Björk, M. 2017. Respiratory oxygen consumption in the seagrass *Zostera marina* varies on a diel basis and is partly affected by light. *Marine Biology*. Vol.164(6): number 140.
- Procaccini, G., Ruocco, M., Mariñ-Guirao, L., Dattolo, E., Brunet, C., D'Esposito, D., Lauritano, C., Mazzuca, S., Serra, I.A., Bernardo, L., Piro, A., Beer, S., Björk, M., Gullström, M., **Buapet, P.**, Rasmusson, L.M., Felisberto, P., Gobert, S., Runcie, J.W., Silva, J., Olivieri, I., Costa, M.M., Barrote, I., Santos, R. 2017. Depth-specific fluctuations of gene expression and protein abundance modulate the photophysiology in the seagrass *Posidonia oceanica*. *Scientific Reports*. Vol.7(17): number 42890.
- Buapet, P. 2017. Photobiology of seagrasses: A systems biology perspective. *Systems Biology of Marine Ecosystems*. 133-165.
- Wuthirak, T., Kongnual, R., Buapet, P. 2016. Desiccation tolerance and underlying mechanisms for the recovery of the photosynthetic efficiency in the tropical intertidal seagrasses *Halophila ovalis* and *Thalassia hemprichii*. *Botanica Marina*. Vol.59(5): 387-396.
- Buapet, P., Björk, M. 2016. The role of O₂ as an electron acceptor alternative to CO₂ in photosynthesis of the common marine angiosperm *Zostera marina* L. *Photosynthesis Research*. Vol.129(1): 59-69

11. **Dr. PEERAPAT ROONGSATTHAM**

Education: Ph.D. UNIVERSITE MONTPELLIER II, France

Post-Doctoral (Genetics) University of Montpellier

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Publication

- Tranbarger, T.J., Fooyontphanich, K., **Roongsattham, P.**, Pizot, M., Collin, M., Jantasuriyarat, C., Suraninpong, P., Tragoonrung, S., Dussert, S., Verdeil, J.-L., Morcillo, F. 2017. Transcriptome analysis of cell wall and NAC domain transcription factor genes during *Elaeis guineensis* fruit ripening: Evidence for widespread

conservation within monocot and eudicot lineages. *Frontiers in Plant Science*. Vol.8: number 603.

Yodyotee, Y., **Roongsattham, P.**, Nualsri, C., Meesawat, U. 2017. In vitro laticifer identification in young shoot-derived callus of *Hevea brasiliensis* Muell. Arg. *Walailak Journal of Science and Technology*. Vol.14(7): 563-570.

Roongsattham, P., Morcillo, F., Fooyontphanich, K., Jantasuriyarat, C., Tragoonrung, S., Amblard, P.e, Collin, M., Mouille, G., Verdeil, J.-L., Tranbarger, T.J. 2016. Cellular and pectin dynamics during abscission zone development and ripe fruit abscission of the monocot oil palm. *Frontiers in Plant Science*. Vol. 7: number 540.

12. **Asst. Prof. Dr. VACHIRA LHEKNIM**

Education: Ph.D. (Tropical Marine Ecology & Fisheries Biology) James Cook University, Australia

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Publication

Lheknim, V. and Ng, P. K. L. 2016 A new species of long-legged terrestrial *Terrapotamon Ng*, 1986 (Crustacea: Brachyura: Potamidae) from limestone formations in Satun, southern Thailand. *Zootaxa*. Vol. 4200(1): 143-152.

Sakai, K. and **Lheknim, V.** 2014. Two new species of the genera *Neocallichirus* and *Wolffogobia* (Decapoda, Pleocyemata) from Thale Sap Songkhla, Songkhla Lagoon System, Songkhla Province, Thailand. *Crustaceana*. Vol. 87(1): 91-100.

Lheknim, V. and Leelawathanagoon, P. 2014. Temporal and spatial variations in settlement and shell growth of *Limnoperna fortunei* (Dunker, 1857) (Bivalvia: Mytilidae) in a small lake of south Thailand. In: C. Biscarini, A. Pierleoni and L. Naselli-Flores (eds.) *Lakes: The Mirrors of the Earth, Balancing Ecosystem Integrity and Human Wellbeing, Volume 2: Proceedings of the 15th World Lake Conference*, held at University of Perugia, Perugia, Italy, 1-5 September 2014. Page: 44-47.

Lheknim, V. and Tubtimtong, N. 2014. Limnological conditions and fish assemblage structures of the Tapi River oxbow lake in south Thailand. In: C. Biscarini, A. Pierleoni and L. Naselli-Flores (eds.) *Lakes: The Mirrors of the Earth, Balancing Ecosystem Integrity and Human Wellbeing, Volume 2: Proceedings of the 15th World Lake Conference*, held at University of Perugia, Perugia, Italy, 1-5 September 2014. Page: 61-65.

13. **Dr. SARANYA PEERAKIETKHAJORN**

Education: Ph.D. (Engineering) Osaka University, Japan

E-mail: saranya.pe@psu.ac.th

Publication

Manakul, P., **Peerakietkhajorn, S.**, Kato, Y., Matsuura, K., and Watanabe, H. 2017. Effects of symbiotic bacteria on chemical sensitivity of *Daphnia magna*. *Marine Environmental Research* 128: 70-75.

Peerakietkhajorn, S., Kato, Y., Kasalický, V., Matsuura, K., and Watanabe, H. 2016. The Betaproteobacteria *Limnohabitans* strains increase fecundity of the crustacean *Daphnia magna*: Symbiotic relationship between major bacterioplankton and zooplankton in freshwater ecosystem. *Environmental Microbiology* 18: 2366-2374.

Peerakietkhajorn, S., Tsukada, K., Kato, Y., Matsuura, K., and Watanabe, H. 2015. Symbiotic bacteria contributes to increasing the population size of a freshwater crustacean, *Daphnia magna*. *Environmental Microbiology Reports* 7:364-372.

14. **Dr. SANSAREEYA WANGKULANGKUL**

Education: D.Sc. (Biological sciences) Chulalongkorn University, Thailand

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Publication

Draškić, G., **Wangkulangkul, S.**, Martínez-Solano, I., Vörös, J. 2018. Strong genetic subdivision in *Leptobranchium hendricksoni* (Anura: Megophryidae) in Southeast Asia. *Amphibia Reptilia*. Vol. 39(1): 99-111.

Tshering, N., Wangkulangkul, S., Satasook, C., Bates, P. and Juthong, W. 2014. Diversity of frog (Amphibian: Anura) and the correlation of habitat heterogeneity in Tarutao Island, Thailand. *Proceeding of World Biodiversity Congress 2013* 26 – 30 November 2013. Chiangmai, Thailand.

Voros, J., Satasook, C., Bates, P. and Wangkulangkul, S. 2012. First record of the amphibian chytrid fungus, *Batrachochytrium dendrobatidis* in Thailand. *Herpetology Notes*. Vol.5: 519-521.

Grismer, L., Wood, P., Jr, E., Quah, S., Anuar, M., Abdul Muin, M., Sumontha, N., Ahmad, A., Bauer, S., Wangkulangkul, S. and Grismer, O. 2012. A phylogeny and taxonomy of the Thai-Malay Peninsula Bent-toed Geckos of the *Cyrtodactylus pulchellus* complex (Squamata: Gekkonidae): combined morphological and molecular analyses with descriptions of seven new species. *Zootaxa*. Vol. 3520: 1-55.

15. Asst. Prof. Dr. SAHUT CHANTANAORRAPINT

Education: Dr.rer.nat. (Botany), Germany

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Publication

Promma, C. and **Chantanaorrapint, S.** 2015. The epiphyllous *Radula* (Radulaceae, Marchantiophyta) in Thailand, with the description of *Radula grandilobula* sp. Nov. Cryptogamie, Bryologie. Vol.36: 217-234.

Chantanaorrapint, S. 2015. Taxonomic studies on Thai Anthocerotophyta II. The genus *Notothylas* (Notothyladaceae). Cryptogamie, Bryologie. Vol.36: 251-266.

Rattanamane, S. and **Chantanaorrapint, S.** 2015. Note on *Notothylas yunannensis* (Notothyladaceae, anthocerotophyta), a little known species of hornwort. Songklanakarin Journal of Science and Technology. Vol.37: 271-274.

Juengprayoon, W., Sukkharak, P. and **Chantanaorrapint, S.** 2015. Genus *Schistochila* Dumort. (Schistochilaceae, Marchantiophyta) in Thailand. Songklanakarin Journal of Science and Technology. Vol.37: 409-415.

Chantanaorrapint, S. and Sridith, K. 2015. *Thismia nigricans* Chantanaorr. & Sridith, a new species of Thismiaceae from Southern Thailand. Phytotaxa. Vol.217: 293-297.

Rojchana-umpawan, P., Chantanaorrapint, A. and **Chantanaorrapint, S.** 2015. A new species record of *Hylophila* (Orchidaceae) for Thailand. Thai Forest Bulletin (Botany). Vol.43: 66-69.

Inuthai, J., Zhu, R. and **Chantanaorrapint, S.** 2015. Taxonomic notes on *Drepanolejeunea pleiodictya* (Marchantiophyta, Lejeuneaceae), a little-known asiatic species. Polish Botanical Journal. Vol.60: 13-17.

Chantanaorrapint, S., Tetsana, N. and Sridith, K. 2015. Notes on *Thismia clandestina* (Thismiaceae), a little-known mycoheterotrophic species. Polish Botanical Journal. Vol.60: 71-74.

Sukkharak, P. and **Chantanaorrapint, S.** 2014. Bryophyte Studies in Thailand: Past, Present, and Future. Cryptogamie Bryologie. Vol.35: 5-17.

Chantanaorrapint, S. and Sridith, K. 2014. The genus *Plagiochasma* (Aytoniaceae, Marchantiopsida) in Thailand. Cryptogamie, Bryologie. Vol.35: 127-132.

Lee, G., Pocs, T., **Chantanaorrapint, S.**, Damanhuri, A. and Latiff, A. 2014. An account of the genus *Lejeunea* (Marchantiophyta: Lejeuneaceae) in Thailand, including seven newly recorded species. Cryptogamie Bryologie. Vol.35: 247-259.

Promma, C. and **Chantanaorrapint, S.** 2014. *Radula multiflora* var. *reflexilobula* is a synonym of *R. decurrens* (Radulaceae, Marchantiophyta). Phytotaxa. Vol.186: 174-176.

- Rojchanaumpawan, P., **Chantanaorrapint, S.**, Suddee, S. and Chantanaorrapint, A. 2014. *Didymoplexiella trichechus* (Orchidaceae), a New Species Record for Thailand. Thai Forest Bulletin (Botany). Vol.42: 68-70.
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Publication

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