

## Faculty of Science

### Department of Biology

**Curriculum Title:** Doctor of Philosophy Program in Biology (International Program)

#### **Curriculum Description:**

The program is emphasizing on the Doctor of Philosophy of Science with profoundly knowledge and academic leadership in biology which has specialization in natural history and ecosystem of South Asia and Southeast Asia region. The ability of discretion, analyze and synthesize information conduce to the creation of knowledge will established. The capable publicize new finding in international level and the efficiently broadcast knowledge by various media form is comprised.

#### 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 master'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.

- Additional eligibility criteria as following:

### 1. Plan 1.1

1.1 Graduated on master's degree in Biology or in related field with academic excellence of grade point average or graduation with honors. Otherwise have experience on biological research or in related field at least 2 years, and have continuous published.

1.2 Have publication in Scopus base

### 2. Plan 1.2

2.1 Graduated on bachelor's degree in Biology or in related field with academic excellence of grade point average or graduation with honors. Otherwise have experience on biological research or in related field at least 2 years, and have continuous published.

2.2 Have publication in Scopus base

### 3. Plan 2.1

Graduated on master's degree in Biology or in related field with academic excellence of grade point average or graduation with honors. Otherwise have experience on biological research or in related field at least 3 years, and have continuous published.

### 4. Plan 2.2

Graduated on bachelor's degree in Biology or in related field with academic excellence of grade point average or graduation with honors. Otherwise have experience on biological research or in related field at least 3 years, and have continuous published.

## 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 **ศรัทธิษฐ, 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. Taiwan. Vol.58: 275-290.
- Stankovic, M., จันทนาอรพินท์, ส. และ **ศรัทธิษฐ, 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

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Publication

**Leerativong, J.**, Chantaranothai, P., Paton, A. 2017. Notes on the genus *Rothea* (Lamiaceae) in Thailand. *Kew Bulletin*. Vol.73: number: 3.

**Leeratiwong, 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

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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) Kützinger. *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

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Publication

- Schoville, S.D., Chen, Y.H., Andersson, M.N., Benoit, J.B., Bhandari, A., Bowsler, 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. Vol8(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. Vol79 (1-2): 21-39.

#### 9. Assoc. Prof. Dr. PORNILP PHOLPUNTHIN

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

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Publication

- Meksuwan, P., **Pholpunthin, P.** and Segrs, 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 Saltpans of the inner Gulf of Thailand. Raffles Bulletin of Zoology. Vol.60: 433-447.

#### 10. Dr. PIMCHANOK BUAPET

Education: Ph.D. Stockholms Universitet, Sweden

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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., Olivij, 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 O<sub>2</sub> as an electron acceptor alternative to CO<sub>2</sub> 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 *Wolffogebia* (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 15<sup>th</sup> 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 15<sup>th</sup> 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

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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 *Leptobrachium 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*. Chaingmai, 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.
- Rattanamanee, 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.
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Publication

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- Kaewsrikhaw, R., Ritchie, R. and **Prathep, A.** 2016. Variations of tidal exposures and seasons on growth, morphology, anatomy and physiology of the seagrass *Halophila ovalis* (R.Br.) Hook. f. in a seagrass bed in Trang Province, Southern Thailand. Aquatic Botany. Vol.130: 11-20.
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Publication

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Publication

- Lamb, J.B., Willis, B.L., Fiorenza, E.A., Couch, C.S., Howard, R., Rader, D.N., **True, J.D.**, Kelly, L.A., Ahmad, A., Jompa, J., Harvell, C.D. 2018. Plastic waste associated with disease on coral reefs. Science. Vol. 359(6374) :460-462.

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## Publication

- Kawai, H., Hanyuda, T., **Draisma, S. G. A.**, Wilce, R. T. and Andersen, R. A. 2016. Corrigendum: Molecular phylogeny of two unusual brown algae, *Phaeostrophion irregulare* and *Platysiphon verticillatus*, proposal of the Stschapoviales ord. nov. and Platysiphonaceae fam. nov., and a re-examination of divergence times for brown algal orders. *Journal of Phycology* 52(2): 918-928. DOI: 10.1111/jpy.12332
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Publication

- Zhang, F., **Jantarit, S.**, Nilsai, A., Stevens, M.I., Ding, Y., Satasook, C. 2018. Species delimitation in the morphologically conserved *Coecobrya* (Collembola: Entomobryidae): A case study integrating morphology and molecular traits to advance current taxonomy. *Zoologica Scripta*. (in press)
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