



The 5th Thailand International Symposium on Natural History Museums 2025:

A Challenging Future of Global Biodiversity

27 th November 2025 (Day 1)		
Time	Venue	Event
09.00 - 09.30	Auditorium, 2 nd floor	Registration
09.30 - 10.30	Auditorium	Opening Ceremony
10.30 - 10.45	Coffee Break	
10.45 - 12.00	Auditorium	Keynote Speakers
12.00 - 13.00	Lunch	
13.00 - 14.30	Sailom Room	Oral Session 1 (Biodiversity and conservation of Maekhong River)
	Saifon Room	Oral Session 2 (Invertebrates & Plants)
14.30 - 14.40	Coffee Break	
14.40 - 16.55	Sailom Room	Oral Session 3 (Museum & Science Education)
	Saifon Room	Oral Session 4 (Vertebrates)
16.45 - 17.30	Auditorium	Poster Presentation
17.30 - 20.00	Thailand Forest Ecosystem Exhibition	Welcome party
28 th November 2025 (Day 2)		
09.00 - 10.15	Sailom Room	Oral Session 5 (Geology and Palaeontology)
	Saifon Room	Oral Session 6 (Youth)
10.15 - 10.25	Coffee Break	
10.25 - 12.00	Sailom Room	Oral Session 7 (Marine Sciences)
	Saifon Room	Oral Session 8 (Utilization of Natural Resources I)
12.00 - 13.00	Lunch	
13.00 - 14.55	Sailom Room	Oral Session 9 (Ecology & Natural Resources Utilization)
	Saifon Room	Oral Session 10 (Utilization of Natural Resources II)
15.00 - 15.20	Coffee Break	
15.20 - 16.00	Auditorium	Closing Ceremony

ORAL SESSION		
DAY 1 – 27 th NOVEMBER 2025		
Session 1: BIODIVERSITY AND CONSERVATION OF MAEKHONG RIVER		
13.00 – 13.15	1.1. Life History of the Small Freshwater Shrimp <i>Macrobrachium lanchesteri</i> Species Complex and Its Implications on Fisheries Management	Minoru Saito
13.20 – 13.35	1.2. From Vouchers to Vital Data: Comprehensive Fish Records Supporting Aquatic Resource Conservation in the Lancang-Mekong Corridor	Jarungjit Grudpuan
13.40 – 13.55	1.3. Comparison of Fish Species Diversity and Abundance between Protected and Unprotected Areas in the Ing River (Mekong Basin), Thailand: Implications for Collaborative Community-Based Conservation	Thanakit Kankaew
14.00 – 14.15	1.4. Morphological Variation and Taxonomic Assessment of the <i>Spinibarbus</i> in the Ma Basin, Houa Phan Province, Northern Laos	Somphanh Philavong
14.20 – 14.35	1.5. Impact of Small Farm Pond Conditions on the Reproductive Performance of Siamese Mud Carp (<i>Henicorhynchus siamensis</i>) Brood stock from Ing River, Thailand	Siriwan Janthasen
Session 2: INVERTEBRATES & PLANTS		Saifon Room
13.00 – 13.15	2.1. New species and taxonomic notes of Agraeciini from Mount Malindang (Philippines: Mindanao) (Tettigoniidae: Conocephalinae: Agraeciini)	Rodrin Rivera
13.20 – 13.35	2.2. Invasive Ant Species in Misamis Oriental, Mindanao: Distribution Patterns and Ecological Implications	April Rose Monding
13.40 – 13.55	2.3. Forest Dependency and Ecological Distribution of Odonata (Insecta) in Mt. Balatukan Range Natural Park, Philippines	John Lloyd Manangan
14.00 – 14.15	2.4. Species diversity and cytogeography of Nymphoides (Menyanthaceae) in Thailand	Nattapon Nopporncharoenkul

Session 3: MUSEUM COLLECTION & SCIENCE EDUCATION		Sailom Room
14.50 – 15.05	3.1. “Dead things” do tell tales: New discoveries of parasitic and phoretic acarines in museum and field collections from Taiwan, Thailand, and the Philippines	Ace Kevin Amarga
15.10 – 15.25	3.2. Historical collections, preserving scientific heritage	Blanche Bouchard
15.30 – 15.45	3.3. Smart Museum Development Using Digital Technologies for Enhanced Visitor Experience and Management	Saifon Jitnuphong
15.50 – 16.05	3.4. Mapping Hope: Citizen Science and the Future of Global Biodiversity	Pipope Panitchpakdi
16.10 – 16.25	3.5. Promoting Citizen Science in Kamnoetvidya Science Academy Students through the KVIS Explorer Activity using the iNaturalist Application	Tanawan Leeboonngam
16.30 – 16.45	3.6. Historically Significant Freshwater Mollusk Collections in Thailand	Ting Hui Ng
Session 4: VERTEBRATES		Saifon Room
14.40 – 14.55	4.1. Fish fauna of the lower Pasak River basin (Chao Phraya River system), central Thailand	Keiji Yoshimura
15.00 – 15.15	4.2. An undescribed cyprinid species of the genus Hampala (Actinopterygii: Cypriniformes) from the Pasak River basin, Chao Phraya River system, central Thailand	Prachya Musikasinthorn
15.20 – 15.35	4.3. ONE SMALL STEP FOR TOAD, ONE GIANT LEAP FOR FROGKIND: AN UPDATED CHECKLIST AND NEW LOCALITY RECORDS OF ANURANS IN MT. SUMAGAYA, MISAMIS ORIENTAL, PHILIPPINES	Frank Alvin Baguio
15.40 – 15.55	4.4. Sexual Dimorphism and Seasonal Variation in Morphological Traits of the Dog-faced Water Snake (<i>Cerberus schneiderii</i>) in a Thai Mangrove Ecosystem	Supavadee Sriwattanachai
16.00 – 16.15	4.5. Rediscovering the Overlooked: Integrating Field Surveys and Museum Specimens to Reassess	Elvin Sansona

	the Distribution of the Leyte Wart Frog (<i>Limnonectes leytensis</i>) in the Philippines	
16.20 – 16.35	4.6. Halting Ecosystem Extinction; Somphong's Rasbora <i>Trigonostigma somphonsi</i> , Case Example on Local Participation in Thung Yai-Tha Rua Wetland, Pak Pli, Nakhon Nayok	Chavalit Vidthayanon
16.40 – 16.55	4.7. Morphology and phylogenetic relationship of Grandison's forest skink <i>Sphenomorphus grandisonae</i> Taylor, 1962 in Doi Phu Kha National Park, Nan Province	Tanagrit Sumpannae
DAY 2 – 28th NOVEMBER 2025		
Session 5: Geology and Palaeontology		
Sailom Room		
09.00 – 09.15	5.1. Application of LA-ICP-MS Chemical Fingerprinting for Determining the Geographic Origin of Aquamarine	Sirinapa Saengdech
09.20 – 09.35	5.2. Diversity of Ostracods from the Devonian Kuan Tung Formation, Satun Province, Southern Thailand, and Their Paleoenvironmental Significance	Anisong Chitnarin
09.40 – 09.55	5.3. On the monetary value of fossils	Marie-Beatrice Forel
10.00 – 10.15	5.4. A review of the ray-finned fish (Actinopterygii) assemblage from the Phu Phan Thong locality, Sao Khua Formation (Early Cretaceous) of north-eastern Thailand.	Suchada Khamha
Session 6: YOUTH		
Saifon Room		
09.00 – 09.15	6.1. Diversity of Ants in Four Baiting Traps of Plant Genetics Conservation Project under the Royal Initiation of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG) at Khao Lae Forest, Songkhla Province, Thailand	Peerawich Thammatadtanakul
09.20 – 09.35	6.2. Studying the Raft Formation by <i>Solenopsis geminata</i> (fire ants) for the Development of a Floating Device Base	Ornichabha Chuaythong

09.40 – 09.55	6.3. Diversity of Ants in Plant Genetics Conservation Project under the Royal Initiation of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG) at Khao Lae Forest, Songkhla Province, Thailand	Pranwarin Wattanateeraprasong
10.00 – 10.15	6.4. Diversity of Blow Flies and Flesh Flies in Plant Genetics Conservation Project under the Royal Initiation of Her Royal Highness Princess Maha Chakri Sirindhorn (RSPG) at Khao Lae Forest, Songkhla Province, Thailand	Dariya Sanee
Session 7: MARINE SCIENCES		Sailom Room
10.45 – 11.00	7.1. Radiographic Investigation of the Internal Morphology of <i>Mola tecta</i> (Family Molidae)	Ratima Karuwancharoen
11.05 – 11.20	7.2. Seawater Quality Monitoring During Harmful Algal Bloom: Focus on Chlorophyll a and Environmental Indicators at Bangsaen Beach, Chon Buri Province	Supattra taleb
11.25 – 11.40	7.3. Science Communication through lessons learned from "BIMS Camp for Young Marine Scientists"	Wiracha Charoendee
11.45 – 12.00	7.4. The spatial change of the fish community structure on the artificial reefs at Samaesan Island	Ason Meenapa
Session 8: UTILIZATION OF NATURAL RESOURCES		Saifon Room
10.25 – 10.40	8.1. Uncovering cryptic diversity of <i>Ophiocordyceps</i> (Ophiocordycipitaceae, Hypocreales) associated with Coleopteran and Dipteran hosts in Thailand	Suchada Mongkolsamrit
10.45 – 11.00	8.2. Two new species of <i>Penicillium</i> and the first record of <i>P. danzhouense</i> from mangrove sediment in Thailand, with notes on antibacterial activity	Piyangkun Lueangjaroenkit
11.05 – 11.20	8.3. Mycelium materials: A perspective in the development and design	Nungnit Wattanavichean

11.25 – 11.40	8.4. Leveraging Local Bio-Resources in Community Forests: A Mushroom Case Study from the Doi Chiang Dao Biosphere Reserve	Jirawan Kumsao
11.45 – 12.00	8.5. Carbon Sequestration Assessment of Shade-grown Organic <i>Coffea arabica</i> L. at Ban Nong Tao, Mae Win Subdistrict, Mae Wang District, Chiang Mai Province	Sarayut Pannak
Session 9: ECOLOGY & NATURAL RESOURCES UTILIZATION		Sailom Room
13.00 – 13.15	9.1. Valuing Ecotourism Services as a Form of Natural Resource Utilization: Pre-Pandemic Baseline from Mount Macolod, Batangas, Philippines	Christian Cuevas
13.20 – 13.35	9.2. BUZZING BIODIVERSITY: EXPLORING THE ECOLOGY AND MELIPONICULTURE POTENTIAL OF STINGLESS BEES IN TUBAJON, DINAGAT ISLANDS, PHILIPPINES	Eddie Mondejar
13.40 – 13.55	9.3. Indigenous Knowledge Utilization of Mushrooms for Food, Medicine and Surveillance of Poisonous Mushroom into AI species identification	Khwanruan Naksuwankul
14.00 – 14.10	9.4. Antimicrobial Properties of Fruiting Bodies and Submerged Mycelia of the Medicinal Mushroom <i>Sanghuangporus sp.</i> : An Approach to Biodiversity Conservation	Orathai Sertsri
14.20 – 14.35	9.5. Family fish farming of silurid catfish (<i>Ompok siluroides</i>) in Songkhram River Basin, Thailand	Puvadol Doydee
14.40 – 14.55	9.6. Study of Immersion Water Quality during Desalination of Waterlogged Wood from the Panom-Surin Shipwreck	Kunthida Chimma
Session 10: UTILIZATION OF NATURAL RESOURCES		Saifon Room
13.00 – 13.15	10.1. Innovation in The Controlled Production of Oyster Mushrooms in Community Greenhouses of Mushroom Producers in Uttaradit Province	Siwat Kamonkunanon

13.20 – 13.35	10.2. Soil Microbial Communities in Organic Rice Fields in Thung Kula Ronghai, Northeastern Thailand”	Prasert Srikitikulchai
13.40 – 13.55	10.3. The Construction of Hydrogel Scaffold Composed with Alginate/PVA/Silk Fibroin/BSA to Study The Appropriated Condition of The Scaffold for Bone Regeneration	Kanokkorn Thongmai;
14.00 – 14.15	10.4. Integrative Taxonomy of Xylariales (Ascomycota) in Thailand	Sarunyou Wongkanoun
14.20 – 14.35	10.5. In-Situ Synthesis of Mycelium-Silver Nanoparticle Bionanocomposites for Sustainable Antimicrobial Materials”	Zayar Paing Soe

POSTER SESSION		
P01	LAND COVER CHANGE BETWEEN THE YEARS 2010 TO 2015 IN THE DONGSITHUANE’S NATIONAL PRODUCTION FOREST (DNPF), SAVANNAKHET PROVINCE, LAOS.	Bounyore Koulavong
P02	Thailand's Hidden Flora: Unraveling the Identity of a Mysterious Plant as Trithuria (Hydatellaceae: Nymphaeales)	Pakkapol Thaiwetsuwan
P03	Exploring the Forest Cover Changes and Influential Factors of Dongsithouane National Production Forest Area, Savannakhet Province, Lao PDR	Souvanthone Douangphachanh
P04	Species Diversity of Corticolous and Saxicolous Lichens in Sakaerat Environmental Research Station	Saranta Maribut
P05	Using the Past to Understand the Present: Ostracods Reveal the Deep-Time History of a Modern Invasion	Lalita Weerachai
P06	Early–Middle Devonian Microfossils from the Kuan Tung Formation, Satun Province, Southern Thailand	Lalita Weerachai
P07	Holocene Foraminifers from the Bangkok Clay Formation, Samut Sakhon Province, central Thailand	Anisong Chitnarin

P08	Marine Organisms Associated with Echinoderms and Their Relationship along Mu Ko Surin National Park to Promote Marine Ecological Awareness of Thailand.	Arom Mucharin
P09	Biodiversity survey reveals a hidden species record of rice field crab, <i>Esanthelphusa nimoafi</i> in Northeast Thailand	Kamonchanok Wongisarakul
P10	Indigenous Knowledge of Wild Mushrooms for Food and Medicine from I-san Community at the Plant Genetic Conservation Project, Nadoon District, Maha Sarakham Province	Saranya Sapmak
P11	Evaluation of Antibacterial Properties of Medicinal Mushroom species <i>Fuscoporia gilva</i> with Aqueous and Ethanolic Crude Extracts	Thanyaporn Krungsasee
P12	The Influence of Temperature on the Development and Survival of Common Cutworm, <i>Spodoptera litura</i>	Rungtip Wonglersak
P13	Comparative Study of Ant Assemblages in Okinawa and Thailand: Impacts of Urbanization on Biodiversity	Shunichi Kawabata
P14	Uncovering Ensifera Richness: Crickets and Katydid of Mt. Sumagaya-Lumot	Daphne Cayle Bahoy
P15	A TAXONOMIC REVIEW ON THE KATYDIDS OF THE GENUS ANTHRACITES REDTENBACHER, 1891 (TETTIGONIIDAE: CONOCEPHALINAE:AGRAECIINI) FROM MINDANAO, PHILIPPINES.	Aira Mae Sabang
P16	RIZAL'S EIGHT-LEGGED LEGACY: MORPHOLOGICAL TAXONOMY OF NEW TARANTULA SPECIES IN DAPITAN	Joshua Sumogat