

## Program Schedule

### Gekkota Mundi III

The 3<sup>rd</sup> Global Symposium on Gecko Biology  
July 31 to August 1, 2024 at Kantary Hill Hotel, Chiang Mai, Thailand

#### Wednesday, July 31, 2024

Time	Speaker	Presentation
8:00-8:30		<b>Registration</b>
8:30-8:45	Chancellor	<b>Welcome to Chiang Mai</b>
8:45-9:00	L. Lee Grismer	<b>Welcome to the meeting and introduction to the plenary speaker</b>
<b>Moring session</b>		
9:00-9:45	<b>Plenary session I</b> Anchalee Aowphol	<b>Gecko research and conservation in Thailand: Past, present, and future challenges</b>
9:45-10:00	Ishan Agarwal	<b>What geckos can tell us about Indian Biogeography</b>
10:00-10:15	Akrachai Aksornneam <sup>1</sup> , Yik-Hei Sung, Anchalee Aowphol	<b>Population demography of two sympatric geckos, <i>Cyrtodactylus saiyok</i> and <i>C. tigroides</i> in karst forest of western Thailand</b>
10:15-10:30	<i>Tea and coffee break</i>	
10:30-10:45	Aritra Biswas <sup>1</sup> , Madhura Agashe, and K. Praveen Karanth	<b>The drivers of the contrasting diversity and distribution patterns between two sister genera: A case study using <i>Hemidactylus</i> and <i>Draavidogecko</i></b>
10:45-11:00	Jing Cao <sup>1</sup> , Dr. Fang Yan, Phuping Sucharitakul, Chatmongkon Suwannapoom, and Siriwadee Chomdej	<b>DNA Barcoding of Chinese <i>Gekko</i> Species</b>
11:00-11:15	Conrad J. Hoskin	<b>Rainforest relicts in an arid landscape: Australian leaf-tailed geckos</b>
11:15-11:30	Jack K. Dirck <sup>1</sup> , Jeanne M. Robertson, and Robert E. Espinoza	<b>Sticky thumbs Out: Using population genomics to reveal the invasion pathways of a hitch-hiking invasive gecko</b>
11:30-11:45	Stephen Zozaya <sup>1</sup> , Scott Macor, Conrad Hoskin, Megan Higgie,	<b>Using numerous contact zones to delimit species and calibrate a reference-based taxonomy in <i>Heteronotia binoei</i></b>

	Craig Moritz	
<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
11:45-12:00	Scott A. Macor <sup>1</sup> , Stephen M. Zozaya, Conrad J. Hoskin, and Megan Higgie	<b>Patterns, drivers, and consequences of chemical signal variation in an Australian gecko radiation</b>
12:00-13:00	<i>Lunch</i>	
<b>Afternoon Session</b>		
13:00-13:45	<b>Plenary Session II</b> Hai Ngoc Ngo <sup>1</sup> , Truong Quang Nguyen, Minh Duc Le, Shuo Qi, L. Lee Grismer, Thomas Ziegler	<b>Understanding systematics, evolution, demography, ecology of Tiger Geckos (<i>Goniurosaurus</i> Barbour, 1908) for conservation in Vietnam</b>
13:45-14:00	Tony Gamble	<b>Gecko Biology in the Genomics Age</b>
14:00-14:15	Vladislav Gorin <sup>1</sup> , Suranjan Karunarathna, Anslem De Silva, Kanishka Ukuwela, and Nikolay Poyarkov	<b>An updated phylogeny of South Asian <i>Cnemaspis</i> (Reptilia: Gekkota) with new insights on biogeographical and ecological origins of the group</b>
14:15-14:30	Hinrich Kaiser <sup>1</sup> , Herbert Rösler, and Peter Uetz	<b>Gecko nomina in nomenclature: a primer</b>
14:30-15:00	Naomi Laven <sup>1</sup> , Megan Higgie, and Conrad Hoskin	<b>Facultative crypsis in an invasive gecko species entering a novel habitat</b>
15:00-15:15	Natee Ampai <sup>1</sup> , Attapol Rujirawan, Bryan L. Stuart, and Anchalee Aowphol	<b>Exploring hidden diversity within the Rock Gecko of <i>Cnemaspis chanardi</i> species group in southern Thailand</b>
15:15-15:30	<i>Tea and coffee break</i>	
15:30-15:45	Eddie Nguyen <sup>1</sup> and Amanda Kaatz	<b>Genetic and morphological substructure within <i>Gekko kuhli</i> from Peninsular Malaysia</b>
15:45-16:00	Yuanxing Liao <sup>1</sup> and Phillip Skipwith	<b>Insights into the biogeography and body size evolution of geckos (Gekkota: Squamata) using a large supermatrix phylogeny</b>
16:00-16:15	Artem Lisachov <sup>1</sup> , Lada Lisachova, and Kornsorn Srikulnath	<b>Taxonomic reassessment of the invasive “<i>Hemidactylus parvimaclatus</i>” population in Bangkok</b>
16:15-16:30	Jeren J. Gregory <sup>1</sup> , Sam S. Murry, and	<b>Convergent ecomorphological differentiation and microhabitat selection in distantly related</b>

	L. Lee Grismer	<b>species pairs of <i>Coleonyx</i> Gray, 1845 (Squamata: Eublepharidae) from the Sonoran and Chihuahuan Deserts</b>
<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
16:30-16:45	Thuong Huyen Nguyen <sup>1</sup> , Saly Sitthivong, and Vinh Quang Luu	<b>Diversity and conservation of the poorly studied <i>Dixonius</i> from Vietnam and Laos</b>
16:45-17:00	Paul M Oliver <sup>1</sup> , Fred Kraus, Chris C Austin, Leo Tedeschi, and Simon Maddock	<b>Insularity has been a key driver of diversification in a Melanesian gecko radiation (Gekkonidae: <i>Nactus</i>)</b>
17:00-17:15	Rishab Pillai <sup>1</sup> , Jendrian Riedel, Ian Brennan, Wytamma Wirth, Slade Allen-Ankins, Eric Nordberg, and Lin Schwarzkopf	<b>Sticky fingers: The relationship between morphology, ecology, and performance in diplodactylid geckos</b>

### Thursday, August 1, 2024

<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
<b>Morning Session</b>		
8:30-9:15	<b>Plenary session III</b> L. Lee Grismer	<b>Why are there so many Bent-toed geckos?</b>
9:15-9:30	Ricardo Galaz Gibert <sup>1</sup> and Robert E. Espinoza	<b>War of the invaders: Does competition explain the regional supplantation of Mediterranean House Geckos (<i>Hemidactylus turcicus</i>) in the southeastern USA?</b>
9:30-9:45	Jendrian Riedel <sup>1</sup> , Mariam Gabelaia, Jonas Dreesmann, Jannis Manno, Timothy Higham, L. Lee Grismer, Dennis Rödder, Benjamin Wipfler, and Anthony P. Russell	<b>Evolution of phalangeal morphology in an ecomorphological gecko radiation with incipiently expressed adhesive toepads</b>
9:45-10:00	Paul Doughty <sup>1</sup> , Stephen Zozaya, and Craig Moritz	<b>On a slippery slope: the <i>Heteronotia planiceps</i> complex in the Kimberley region, Western Australia</b>

10:00-10:15	Nikolay A. Poyarkov <sup>1</sup> and Andrey M. Bragin	<b>Unrecognized diversity, site-specific endemism and ecological differentiation in bent-toed geckos of the <i>Cyrtodactylus irregularis</i> species group (Reptilia: Gekkota) in Vietnam</b>
10:15-10:30	<i>Tea and coffee break</i>	

<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
10:30-10:45	Evah S. H. Quah <sup>1</sup> , Amanda E. Kaatz, Jesse L. Grismer, Matthew Murdoch, Jeren Gregory, Eddie Nguyen, Nikolay A. Poyarkov, and L. Lee Grismer	<b>Geographically structured genetic variation in the wide-ranging Peninsular Malaysian Bent-toed Gecko <i>Cyrtodactylus consobrinus</i> (Squamata: Gekkonidae) does not correlated with morphology</b>
10:45-11:00	Guy Sion	<b>Lizards birds and Simpson's paradox</b>
11:00-11:15	Sarin Tiatragul <sup>1</sup> , Mitzy Pepper, Ian G, Brennan, Elizabeth S. Broady, Conrad Hoskin, Stephen Zozaya, Paul Oliver, Paul Doughty, Craig Moritz, and Scott Keogh	<b>A new phylogenomic tree for Australian diplodactylid geckos</b>
11:15-11:30	Hanh T. Ngo <sup>1</sup> , Truong Q. Nguyen, Minh D. Le, and Thomas Ziegler	<b>Zoo Species of The Year Campaign 2024 - The Gecko</b>
11:30-11:45	Zijia Hong <sup>1</sup> , M. S. Shahrul Anuar, L. Lee Grismer, and Evan S. H. Quah	<b>Phylogeny and biogeography of the <i>Hemiphyllodactylus harterti</i> group, with the description of two new species from the sky-islands of Peninsular Malaysia</b>
11:45-13:00	<i>Lunch</i>	
<b>Afternoon Session</b>		
13:00-13:45	<b>Plenary Session IV</b> Shuo Qi <sup>1</sup> , Hai Ngoc Ngo, L. Lee Grismer, Hao-Tian Wang, Han-Ming Song,	<b>Molecular phylogeny of karst-adapted genus <i>Goniurosaurus</i> in China based on ddRAD-seq data</b>

	Pi-Peng Li, and Ying-Yong Wang	
13:45-14:00	Madhura Agashe <sup>1</sup> , Aritra Biswas, and K. Praveen Karanth	<b>Paleotemperature-dependent diversification in <i>Hemidactylus</i> geckos supports the metabolic theory of biodiversity</b>

<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
14:00-14:15	Ade P. Agung <sup>1</sup> , Ada Chornelia, Jesse L. Grismer, Evan S. H. Quah, Jian-Mei Lu, Kyle W. Tomlinson, L. Lee Grismer, and Alice C. Hughes	<b>Species Delimitation, Phylogenetic Relationships and Biogeography of <i>Hemiphyllodactylus</i> (Reptilia: Gekkonidae) in Yunnan Karsts</b>
14:15-14:30	Roman Nazarov <sup>1</sup> , Nikolay Poyarkov, Timur Abduraupov, and Eskandar Rastegar-Pouyani	<b>What do the smallest Asian geckos hide? Taxonomy, distribution and vocalization of the genus <i>Microgecko</i> Nikolsky, 1907 (Sauria: Gekkonidae)</b>
14:30-14:45	Jesse L. Grismer <sup>1</sup> , Evgeniya Yu. Shepelya, Timur V. Abduraupov, and Roman A. Nazarov	<b>Micro-endemism in the genus <i>Alsophylax</i> highlights the need for the conservation of microhabitats in the Fergana Valley of Eastern Uzbekistan</b>
14:45-15:00	<i>Tea and coffee break</i>	
18:00	<b>Banquet</b>	

**Friday, August 2, 2024**

**Excursion**