



POSTER SESSION 1

10TH WORLD CONGRESS OF HERPETOLOGY

Important Notice

Students who would like to participate in the oral or poster competition should indicate their intention by midday of 5 August 2024 to the Registration Desk by filling up the appropriate form.

A-0017 (Poster)

Contribution of Skeletal Muscle for Thermogenesis during Reproduction in the Tegu Lizard *Salvator merianae*

Livia Saccani Hervas¹, Marina Rincon Sartori²,
Johannes Lerchner³ and Kênia Cardoso Bicego¹

A-0028 (Poster)

Blind Dates: Caecilian Amphibians and the Evolution of Courtship Pheromones

María Torres-Sánchez

A-0035 (Poster)

Saving Frogs through Proteomics: *in-silico* Identification of Anti-chytrid Peptides from Malaysian Frog Skin Secretion

Dasi Ong^{1,2}, Shahriza Shahrudin² and Mohd Nazri Ismail^{1,3}

A-0067 (Poster)

Dumb and Hot? Relationship between Cognitive and Thermoregulatory Performance in the Common Wall Lizard (*Podarcis muralis*)

Ioanna Gavriilidi^{1,2}, Elina Trafali^{1,3}, Panayiotis Pafilis² and Raoul Van Damme¹

A-0071 (Poster)

Is the Climbing Ability Related to the Different Dietary Pattern Between Two Bird-Eating Snakes?

Yanagi Hiroaki and Mori Akira

A-0075 (Poster)

Exploring Colour Polymorphism in the Mole Snake (*Pseudaspis cana*)

Shane Ngwenya and Bryan Maritz

A-0099 (Poster)

New Methods to Monitor Tropical Riparian Ecosystems

Christian Ching^{1,2,3}, Jackson Frechette², Kashif Shaad², Ben Price¹
Jenna Lawson⁴, Nick Souter², Kelvin Peh⁴ and Jeffery Streicher¹

A-0103 (Poster)

Island Time: A Comparison of Reproductive Traits and Hatchling Growth Rates of *Podarcis siculus* Populations

Lisa Van Linden¹, Joris Nouwen² and Raoul Van Damme¹

A-0109 (Poster)

Same Same, but Different – A Holistic Examination of Convergent Evolution in Frogs

Frederic Griesbaum¹, Rebecca D. Tarvin² and Mark-Oliver Rödel¹

A-0142 (Poster)

Conservation Strategies: Management of the Critically Endangered Patagonia Frog (*Atelognathus patagonicus*) in Argentina

Melisa Celia Jazmín Rolón¹, Rodrigo Calvo¹, Sofía Jones¹, Germántettamanti¹, David Gustavo Vera¹, Melina Alicia Velasco¹, Diego Omar Di Pietro¹, María Luz Arellano¹, Hernán Pastore², Leonardo Buria², Guillermo Delfino³, María Paula González Ciccía³, Julieta Andrea Jañez³, Y. Natalia Marcela Demergassi³, María Elena Cuello⁴, Jorge Daniel Williams¹ and Federico Pablo Kacoliris¹

A-0143 (Poster)

Nonlethal Injuries and Home-Range Movement Patterns in the Endangered Spotted Turtle (*Clemmys guttata*) in North America

E. B. Liebgold¹, K. M. Bachran¹ and T. S. Ransom²

A-0155 (Poster)

Too Plain: Shared Patterns in Amphibian Distributions in Northeast Asia are Informed by Similar Habitat Niches

Dallin B. Kohler¹ and Amaël Borzée²

A-0166 (Poster)

Unveiling *Batrachochytrium dendrobatidis* Distribution in Europe: Identifying Threats and Potential Refuges for Amphibians

Oksana Nekrasova^{1,2,3}, Mihails Pupins³, Volodymyr Tytar², Oleksii Marushchak^{1,2}
Iryna Kozynenko², Andris Čeirāns³, Arturs Skute³, Kathrin Theissinger⁴
and Jean-Yves Georges¹

A-0177 (Poster)

Population Structure Analysis of Geckos of the Genus *Bavayia* (Diplodactylidae) by Utilization of Rapidly Evolving Long Exon Capture (RELEC) Datasets

Mustafa Erkaya, Aaron M. Bauer and Todd R. Jackman

A-0191 (Poster)

Sexual Dimorphisms in Eastern Hellbender Odontology

Ibrahim Ware¹ and Mizuki Takahashi^{1,2}

A-0192 (Poster)

Snake-Human Coexistence and Snakebite Management in Bangladesh

Rezoana Arefine^{1,2}

A-0198 (Poster)

A Decade of Conservation Efforts: The Journey Towards an Integrated Strategy for *Ceratophrys ornata* in South American Temperate Grasslands

Camila Deutsch^{1,2}, Gabriela Agostini^{1,2}, Isis Ibáñez^{2,3} and David Bilenca^{1,2}

A-0213 (Poster)

Seasonal Change of Thermal Preference and Habitat Use of the Japanese Five-Lined Skink, *Plestiodon japonicus*

Shouta Iyoda and Akira Mori

A-0214 (Poster)

Ontogenetic Change of a Tail Display of a Japanese Five-Lined Skink, *Plestiodon japonicus*

Ryotaro Yanagihara and Akira Mori

A-0215 (Poster)

Contributions to the Knowledge of Pit Vipers (Genus *Gloydius*) in the Democratic People's Republic of Korea

Yucheol Shin^{1,2}, Siti N. Othman¹, Dallin Kohler¹, Irina Maslova³, Kevin Messenger⁴ and Amaël Borzée¹

A-0219 (Poster)

Conquering the World: Biogeographic Reconstruction Demonstrates an Indian Origin for the Cosmopolitan *Hemidactylus* Geckos

Madhura Agashe, Aritra Biswas and K. Praveen Karanth

A-0223 (Poster)

The Relationship Between, Ecology, Reproductive Strategies and Threat Status in Salamanders (Caudata)

Ábel Angelusz¹ and Balázs Vági^{2,3}

A-0225 (Poster)

The Phylogeography and Diversification of Lesser Antillean Island Bank Anoles

Ayanna J. Browne^{1,2}, Rayna C. Bell², S. Blair Hedges³, Kevin de Queiroz⁴, Robert Powell⁵
and Michael L. Yuan²

A-0227 (Poster)

Lighting the Way: *In Vitro* Fluorescence for Enhanced Live Imaging of Chytrid Infection Models

Rebecca J. Webb¹, Andrea L. Vu², Lee Skerratt¹, Lee Berger¹, Francisco De Jesús Andino³,
Jacques Robert³

A-0229 (Poster)

Effect of the Presence of *Batrachochytrium dendrobatidis* on Bacterial Communities of the Skin of *Agalychnis moreletii* from Guatemala

Alejandra Zamora Jerez^{1,2}, Thomas Hughes¹ and Richard Preziosi³

A-0232 (Poster)

Honest Signaling of Antipredator Behavior in a Lacertid Lizard, *Takydromus tachydromoides*

Gumma Kubo and Akira Mori

A-0233 (Poster)

Unveiling the Secrets of *Hynobius* Salamander Distribution: The Role of Biogeographic Barriers

Tae Eun Um³, Desiree Andersen², Amaël Borzée³ and Yikweon Jang¹

A-0235 (Poster)

Behavioral Plasticity of Invasive *Pseudemys concinna* (River Cooter) in Response to Anthropogenic Sound Pollution

Md. Mizanur Rahman¹, Seung-Min Park², Jeong-Hoon Kim² and Ha-Cheol Sung¹

A-0236 (Poster)

The Common Frog and the Changing Climate: Insights from Skeletochronology

Florina Stănescu and Dan Cogălniceanu

A-0241 (Poster)

Ecological Interactions between Tadpoles and Aquatic Macrophytes

Adrián Monreal-Rodríguez, Carmen Díaz-Paniagua and Ivan Gomez-Mestre

A-0246 (Poster)

Cytogenetic Analysis of Satellite Content of Madagascar Leaf-Tail Geckos

Alona Yurchenko¹, Tomas Psenicka¹, Alberto Marshal Ortega², Antonio Sanchez Baca² and Michail Rovatsos¹

A-0250 (Poster)

Movement Ecology of the Lemur Leaf Frog (*Agalychnis lemur*)

Rachel Haynes¹, Kevin Arbuckle², Rory Wilson³ and Gonçalo M. Rosa⁴

A-0253 (Poster)

Systematic and Taxonomic Survey of Israel's Land Reptile Biodiversity – and a Blind Snake Example

Roberta Graboski¹, Tally Magory Cohen^{2,3}, Claudia Koch⁴, Aaron M. Bauer⁵ and Shai Meiri¹

A-0254 (Poster)

Do You See What I See? Cryptic Snakes and the Accuracy of Citizen Scientists

Ryan Singer¹, Brandon Kong¹, Eddie Tu², Scott Boback³ and Emily Taylor¹

A-0257 (Poster)

16S rRNA Gene Sequencing-based Comparative Study of the Gut Microbiota of Three Lacertid Species (Squamata, Reptilia) from Western Bulgaria

Nikola Stanchev¹, Irina Lazarkevich², Stephan Engibarov², Simona Mitova², Maria Gerginova², Ivanka Boyadzhieva², Rumyana Eneva², Yana Gocheva², Steliyana Popova¹ and Emiliya Vacheva³

A-0266 (Poster)

Fluctuating Asymmetry in a Highly Inbred Population of Majorcan Midwife-Toads (*Alytes muletensis*)

Masaya Hayashikawa¹, Jeffrey Streicher² and Jim Labisko¹

A-0268 (Poster)

Improving Monitoring Methods of Rare and Cryptic Temperate Reptiles

Jessica Thomson and Bernd Gruber
University of Canberra, Institute for Applied Ecology, Canberra, Australia

A-0274 (Poster)

Phylogeny and Characterization of Two Frog Virus 3-like *Ranavirus* Genomes from the Korean Clawed Salamanders (*Onychodactylus koreanus*) in the Republic of Korea

Jongsun Kim¹, HaanWoo Sung² and Daesik Park¹

A-0280 (Poster)

Does Urbanization Influence Endoparasite Community of Chinese Cobra in Taiwan?

Hung-Chia Chang¹ and Hsuan-Wien Chen²

A-0283 (Poster)

Unraveling Phylogenetic Conflicts: Insights from Toad-Headed Lizard Genomics

Wenjie Dong^{1,2}, Wei Gao¹ and Jing Che^{1,3}

A-0286 (Poster)

Developing Environmental DNA-based Monitoring Method for Loggerhead Sea Turtle (*Caretta caretta*) in the Boundary of its Distribution Range

Jaejin Park¹, Il-Hun Kim², Min-Woo Park¹, In-Young Cho², Dongwoo Yang², Jongsun Kim¹, Il-Kook Park¹, Takahide Sasai³ and Daesik Park¹

A-0289 (Poster)

The Microhabitat Choice of the Hungarian Meadow Viper (*Vipera ursinii rakosiensis*) in Kiskunság: A Preference Towards Microhabitat Transitions

Gergő Rák¹, Mátyás Budai¹, Bálint Wenner¹, Attila Mór^{2,3}, Barnabás Bancsik², Gergő Kovács⁵, Márton Szabolcs⁶, Dávid Radovics^{2,6}, Tibor Sos^{7,8} and Edvárd Mizsei^{2,3,6}

A-0291 (Poster)

Historical Biogeography of the Genus *Kurixalus* (Amphibia: Rhacophoridae) in East Asia with Special Reference to the Evolutionary History of *Kurixalus eiffingeri*

Ryo Kamimura¹, Yi-Huey Chen², Chi-Shiun Wu³, Natsuhiko Yoshikawa¹, Masafumi Matsui⁴, Shumei Sakihama⁵ and Atsushi Tominaga^{1,5}

A-0296 (Poster)

Some like it Hot: Past and Present Phylogeography of a Desert Dwelling Gecko across the Arabian Peninsula

Lukáš Pola¹, Pierre-André Crochet², Philippe Geniez³, Mohammed Shobrak⁴, Salem Busais⁵, Daniel Jablonski⁶, Rafaqat Masroor⁷, Timur Abduraupov⁸, Salvador Carranza⁹ and Jiří Šmíd^{1,10}

A-0297 (Poster)

Unravelling the Evolutionary History of Sphenomorphin Skinks in Western Melanesia: A Phylogenomics Approach

Saunak Pal¹, Fred Kraus², Evelyn Jensen¹ and Simon Maddock¹

A-0298 (Poster)

Phylogeography and Population Genetic Structure of the Common Butterfly Lizard *Leiolepis belliana* (Hardwicke & Gray, 1827) in Thailand as Inferred from Mitochondrial Cytochrome b Sequences

Nutthanun Khantasup, Amporn Wiwegweaw, Thongchai Ngamprasertwong and Nontivich Tandavanitj

A-0299 (Poster)

Developing Genetic Biocontrol Tools for the Invasive Smooth Newt (*Lissotriton vulgaris*) Using Hormone-Induced Sex Reversal

Felix Smits and Stephen Frankenberg

A-0302 (Poster)

Molecular Verification of *Dixonius* (Squamata: Gekkonidae) in Thailand

Siriporn Yodthong¹, Attapol Rujirawan², Bryan L. Stuart³ and Anchalee Aowphol²

A-0304 (Poster)

Taxonomic status of the Oriental Garden Lizard *Calotes versicolor* complex (Agamidae: Squamata) in Thailand based on mitochondrial DNA

Arpapan Prakobkarn¹, Nontivich Tandavanitj² and Thongchai Ngamprasertwong²

A-0308 (Poster)

Home Range and Movement of *Nanorana vicina* (Stoliczka, 1872) (Anura: Dicroglossidae) in Himalayan Streams, India

Swati Nawani and Abhijit Das

A-0309 (Poster)

Survey on Online Amphibian and Reptile Pet Shop in Korea

Hyerin Park¹, Jia Lee² and Ha-Cheol Sung³

A-0310 (Poster)

Habitat Association of the Endangered Reeve's Turtle (*Mauremys reevesii*)

Seung-Ju Cheon¹, Seung-Min Park¹, Hye-Rin Park¹ and Ha-Cheol Sung²

A-0311 (Poster)

Communication through Vocalizations in the Huanren Mountain Frog: A Study from an Ecological Perspective

Yeong-yeon Seo¹, Jung-Hun Kim¹, Seung-Min Park² and Ha-Cheol Sung²

A-0313 (Poster)

Estimate Population Size of Capture-Translocation *Kaloula borealis* to Alternative Habitats

Kyoung-Hee Park¹, Seung-Min Park¹, Jeong-Hoon Kim¹, Seung-Ju Cheon¹, Hye-Rin Park¹
and Ha-Cheol Sung²

A-0314 (Poster)

Sexual Size Dimorphism of Crocodile Newt, *Tylototriton panhai* (Urodela: Salamandridae) at Phu Soi Dao National Park, Thailand

Lalita Srion¹, Panupong Thammachoti Charunrochana^{1,2}, Kanto Nishikawa^{3,4}, Wichase Khonsue^{1,2} and Noppadon Kitana^{1,2}

A-0315 (Poster)

Age Estimation and Sexual Dimorphism of Breeding Population of Asiatic Toad (*Bufo gargarizans*) Using Skeletochronology

Seung-Min Park¹, Seung-Ju Cheon¹ and Ha-Cheol Sung²

A-0318 (Poster)

Study on the Growth Rate of Invasive Turtles Based on Types of Diet

Min-gyu Kim¹, Seung-Min Park¹, Md Mizanur Rahman², Seung-Ju Cheon¹ and Ha-Cheol Sung²

A-0321 (Poster)

Comparative Shell Morphology of *Ex Situ*-Managed Philippine Indigenous Turtles (Geoemydidae) in Ailon Zoo, Rodriguez, Rizal

Yevgenia Martela Cabiles¹, Emmanuel Rafael² and Leticia Afuang¹

A-0322 (Poster)

Silent Waters, Vanishing Croaks: A Closer Look at the Drastic Decline in native Anuran Populations Due to Invasive Catfish

Amoghavarsha M. and Priti Hebbar

A-0325 (Poster)

Observation of the Asian Turtle Tick *Amblyomma geoemydae* Cantor, 1847 (Acari: Ixodidae) on the Asian leaf turtle *Cyclemys dentata* Gray, 1831 in Coron Island, Philippines

Tristan Luap P. Senarillos¹, Jahn Zylke T. Ong¹, Karlen Mignon Acaba¹, Alpha Joyce Fernandez¹, Jestine Crhastia Gatdula¹ and Leticia E. Afuang²

A-0327 (Poster)

Diversification of Visual Displays in Indian Dancing Frogs

Yoshihiro Yajima¹, Nigel K. Anderson¹, K.V. Gururaja², Doris Preininger^{3,4} and Matthew J. Fuxjager¹

A-0338 (Poster)

Speciation and Ecological Implications of Extraordinary Venom Gland in Genus *Causus*

Andrew Heur, Hayley L. Crowell, Haley Martens, Ramon Nagesan, Michael Hogan, Greg Schneider and Alison Davis Rabosky

A-0341 (Poster)

Utilizing a Live-Streaming Camera to Investigate the Basking Patterns of Female and Newborn Prairie Rattlesnakes (*Crotalus viridis*)

Max Roberts, Owen Bachhuber and Emily Taylor

A-0344 (Poster)

Spying on Social Snakes using Livestreaming Cameras

Owen Bachhuber, Max Roberts and Emily N. Taylor

A-0349 (Poster)

Range Contractions and Reduced Body Mass Predicted for Endemic Skinks of the Cameroon Volcanic Line with Future Warming

Michèle Marina Kameni Ngalieu¹, Félix Landry Yuan^{2,3}, LeGrand Gonwouo¹, Walter Paulin Taponjhou^{4,5}, Kaitlin E. Allen^{4,5}, Abraham Fomena⁶ and Toby Pak Nok Tsang^{2,7}

A-0351 (Poster)

Leukocyte Formula and Ectoparasites in two Populations of *Podarcis siculus* from Calabria (Central Mediterranean, Southern Italy)

Pierluigi Serravalle, Carlo Terranova, Gianni Giglio, Francesco Luigi Leonetti, Sandro Tripepi, Concetta Milazzo and Emilio Sperone

A-0352 (Poster)

Movement Ecology and Road Mortality for a Community of Threatened Snakes in British Columbia, Canada

Calen Wong¹, Jade Spruyt¹ and Karl W. Larsen²

A-0360 (Poster)

Sexual Dimorphic Skull Morphology of Sea Snakes (Elapidae: Hydrophiinae)

Anthony R. DiMeglio¹, Hayley L. Crowell¹, Gregory E. Schneider² and Alison Davis Rabosky^{1,2}

A-0364 (Poster)

Lizard Sweeps Nation: A Population Genomics Approach to Revealing the Invasion History of a Widespread Reptile

Jack K. Dirck¹, Jeanne M. Robertson² and Robert E. Espinoza³

A-0365 (Poster)

The Hydric/Thermal Nest Environment of Tuatara (*Sphenodon punctatus*), a Slowly-Reproducing Reptile with Prolonged Incubation Duration and Environmental Sex Determination

Peter Alexander¹, Andrew Rees², Kevin Norton², Al Carter³ and Nicola Nelson¹

A-0370 (Poster)

Invader vs Invader Dynamics: A Behavioral Approach to Assess Competition and Displacement among Invasive House Geckos

Ricardo G. Gibert and Robert E. Espinoza

A-0372 (Poster)

Report on Abnormalities in Amphibians and Reptiles of Nepal

Bivek Gautam¹, Ram Chandra Kandel², Chiranjivi Pokhrel³ and Santosh Bhattarai^{4,5}

A-0380 (Poster)

Amphibian Diversity in the Heart of Panay: A Glimpse into the Amphibian Composition of Central Panay Mountain Range, Antique, Philippines

Gerrie Mae A. Flores¹, Armi G. Torres¹, Jaime Q. Guihawan¹, Andrie Bon A. Flores^{2,3}, Philip Godfrey C. Jakosalem⁴ and Hilly Ann R. Quiaoit¹

A-0385 (Poster)

First Evidence of the Amphibian Chytrid Fungus (*Batrachochytrium dendrobatidis*) in Angola, Southwestern Africa

Ninda L. Baptista^{1,2,3,4}, Javier Lobón-Rovira^{1,2}, Pria Ghosh⁵, Werner Conradie⁶, Luis Ceríaco^{1,2,7,8} and Gonçalo M. Rosa^{5,9,10}

A-0388 (Poster)

Thermal Influences on Frog Communication: The Vocal Dynamics of *Staurois guttatus* and *Hylarana picturata* in Sarawak

Joshua Kenneth Bilang and Elvy Quatrin Deka

A-0397 (Poster)

Conserving *Nilssonina leithii*: Assessment of the Critically Endangered Leith's Softshell Turtle Population along the Kaveri River, Melagiri, Tamil Nadu

Peter Christopher¹, Deepak Veerappan^{2,4}, Jason D. Gerard³, K. Raman¹ and Uwe Fritz⁴

A-0398 (Poster)

Wood Turtle Ecology and Response to Habitat Restoration in Michigan

Diana P. Methner^{1,2}, Eric Mccluskey¹ and Jennifer Moore¹

A-0402 (Poster)

The Population Genetic Structure and Introgression Event Around Two *Hynobius* Species in Taiwan Inferred from EST-SSRs Polymorphism

Jou-An Chen, Pei-Ju Yu, You-Zhu Lin, Sheng-Wun Jheng and Yu-Ten Ju

A-0431 (Poster)

Gut Composition of Anurans in Panigan-Tamugan Watershed in Barangay Carmen, Baguio District Davao City

Marian Dara T. Tagoon¹, Joshua L. Donato², Samuel Herbert T. Mamora³ and Elsa May Delima-Baron⁴

A-0433 (Poster)

The New Handbook of Zoology - Reptile Volume 1

Ulrich Joger

A-0443 (Poster)

Niche Conservatism Posing Double-Edge Effects for Allopatric Speciation of *Diploderma* Tree Lizards in Taiwan

Tzong-Han Lin and Si-Min Lin

A-0446 (Poster)

Decline of *Pseudophryne* Species in the Alpine Region of Australia

Jordann Crawford-Ash¹, Ben Scheele¹, Stephanie Pulsford^{1,2}, Danswell Starrs³ and Will Osborne⁴

A-0448 (Poster)

An Integrative Approach for Assessing Vulnerability and Resilience of Agamid Lizards to Climate Change and Habitat Fragmentation

Shanelle Wikramanayake^{1,2} and W. Chris Funk^{1,2,3,4}

A-0452 (Poster)

Microhabitat Utilisation Pattern by *Eutropis multifasciata* (Scincidae) Across Landscapes

Thanisha Kumar¹, Nik Sasha Khatrina Khairuddin² and Indraneil Das¹

A-0472 (Poster)

Observations on the Thermal Biology of the Malayan Box Turtle, *Cuora amboinensis*

Joshua Agong and Indraneil Das
Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak,
94300 Kota Samarahan, Sarawak, Malaysia

A-0480 (Poster)

Paleotemperature-Dependent Diversification in *Hemidactylus* Geckos Supports the Metabolic Theory of Biodiversity

Aritra Biswas, Madhura Agashe and K. Praveen Karanth

A-0484 (Poster)

Species Differences and Factors Influencing Chytrid Infections in Northern Germany

Rachel E. Marschang¹, Lotte C. Striewe², Simon Roher², Arne Drews³, Christian Winkler⁴,
Patrick Pohlmann⁵, Rene Seifert⁶, Ursula Siebert² and Christoph Leineweber¹

A-0528 (Poster)

Habitat Selection of the Dyeing Poison Frog (*Dendrobates tinctorius*) across Polytypic Populations

Martin Mayer^{1,2}, Lia Schlippe Justicia³ and Bibiana Rojas^{3,4}

A-0533 (Poster)

Unexpected Female Biased Parasitism of Anuran Chigger Mite on *Buergeria otai* Regulated by Physiological and Environmental Factors

Yu-Syuan Fu¹, Ace Kevin Amarga^{1,2,3} and Si-Min Lin^{1,2}

A-0534 (Poster)

Call Repertoire and Acoustic Niche Partitioning of the Genus *Micrixalus* in the Central Western Ghats, Karnataka, India

Vishwajith H. U.¹, Doris Preininger², Matthew Fuxjager³ and Gururaja K.V.¹

A-0540 (Poster)

Risk Factors of Ranavirus Spreading and Pathology in Amphibians in Galicia, Spain

Ana Balseiro¹, Asier Rodríguez-Larrinaga², Kevin P. Dalton³, Paula Domínguez Lapido²,
Isabel Márquez⁴, Eloy Bécares⁵, E. David Carter⁶, Matthew J. Gray⁶, Debra L. Miller⁶
and Rosa Casais⁴

A-0545 (Poster)

Ontogenetic Variation in Procoagulant Venom Effects and Antivenom Efficacy of *Vipera ammodytes meridionalis*

Zichen Qiao and Bryan G. Fry

A-0549 (Poster)

The Field Herper: Discovering Reptiles and Amphibians for Fun

Fata Habiburrahman Faz¹, Rizki Kurnia Tohir², Arief Tajalli³, Aria Nusantara⁴, Aristyo Dwiputro⁵, Haris Munandar⁶, Heru Kurniawan⁵, Huda N. Prasetyo⁷ and Irfan H. Basyir⁸

A-0552 (Poster)

Ambient Temperature and Toxic Diets impact Snake Venom Resistance in a Desert Rodent

Matthew L. Holding^{1,2}, Patrice Kurnath Connors³, Alexandra Coconis⁴, Marjorie D. Matocq⁴ and M. Denise Dearing³

A-0580 (Poster)

Microplastic Pollution Changes the Intestinal Microbiome but not the Morphology or Behaviour of a Freshwater Turtle

Shuo Gao¹, Shufang Zhang¹, Jiahui Sun¹, Shaoshuai Xue², Wenyi Zhang¹, Peng Li¹, Longhui Lin³, Yanfu Qu¹, Georgia Ward-Fear⁴, Lian Chen² and Hong Li¹

A-0581 (Poster)

Ecological Adaptation Evolution of Temperature Sensing and Olfactory Gene Families in *Hemiphyllodactylus yunnanensis*

Xiaoying Liu, Jie Yan, Kaiya Zhou and Peng Li

A-0585 (Poster)

Metabarcoding Clarifies the Diet of the Elusive and Vulnerable Australian Tjakura (Great Desert Skink, *Liopholis kintorei*)

David Thuo^{1,2}, Nicholas A. Macgregor^{3,4}, Samuel D. Merson⁵, Dianne Scopel⁶, J. Scott Keogh², Jeremy Kenny⁷, Jessica L. Williams³, Tracey Guest⁶, Shaeleigh Swan⁶, Steve McAlpin⁸ and Leo Joseph¹

A-0606 (Poster)

One Hundred Years of Infection of *Batrachochytrium dendrobatidis* (Bd) in the Amphibian Population of India

Yashwant Singh Panwar, Akash M. Dev and Karthikeyan Vasudevan

A-0608 (Poster)

Tangled Timelines and Anomalous Anurans: Discordant Patterns in Mito-Nuclear Divergence Estimates and Substitution Saturation Between Anurans (Order Anura) and Squamates (Order Squamata)

Ekadh Ranganathan and Praveen Karanth

A-0627 (Poster)

Magnificent Tree Frogs Aggregate under Eco-Sociological Conditions

Stephanie Deering^{1,2}, Martin J. Whiting², Sean Doody³ and Simon Clulow¹

A-0650 (Poster)

Inter- and Intrapopulation Variation in Homing Behavior of Swinhoe's Tree Lizards: Influences on Mating Opportunities, Intrasexual Competition, and Habitat Structure

Yu-De Chang^{1,2}, Chun-Chia Chou³, Chen-Pan Liao^{2,4}, Jhan-Wei Lin², Rulon W. Clark⁵, Jung-Ya Hsu² and Wen-San Huang^{1,2}

A-0658 (Poster)

Epigenetic Regulation of Immune Response in the Swedish Sand Lizard (*Lacerta agilis*)

Joshua Hufton¹, Mette Lillie¹, Mats Olsson² and Erik Wapstra³

A-0667 (Poster)

Chorusing Behaviour of Frog Communities in Response to Environmental Flow in Gwydir River Catchment, Australia

Mohammad Abdur Razzaque Sarker^{1,6}, Donald T. McKnight^{1,3}, Darren Ryder⁵, Amelia Walcott², Joanne F. Ocock², Jennifer A. Spencer², David Preston², Sheryn Brodie² and Deborah S. Bower¹

A-0673 (Poster)

Costs and Benefits of Polyandrous Mating to the Female Emerald Treefrog (*Zhangixalus prasinatus*), a Lek-Chorusing Anuran

Yi-Huey Chen¹, Yuan-Cheng Cheng^{2,3,4} and Yuying Hsu²

A-0694 (Poster)

A Multi-Omics Approach to the Toxin Evolution of True Vipers

Gabriel Mochales-Riaño¹, Adrián Talavera¹, Bernat Burriel-Carranza^{1,2}, Samuel Hirst³, Viviana Pagone¹, Michael Hogan^{4,5}, Maria Estarellas¹, Alvaro Camina⁶, Daniel Fernández-Guiberteau⁷, Theo Busschau⁸, Stéphane Boissinot⁸, Fernando Martínez-Freiría^{9,10}, Marc Palmada¹, Davinia Pla¹¹, Juan J. Calvete¹¹, Johannes Els¹², Alexander S. Mikheyev¹³, Mark Margres³, Tomàs Marquès-Bonet^{1,14,15,16} and Salvador Carranza¹

A-0695 (Poster)

The Niche Partition of two Sympatric Homalopsid Snakes, *Hypsigopus murphyi* and *Myrophis chinensis*, in a Small and Enclosed Eco-Friendly Paddy Field with Dense Density in North Taiwan

Jean-Jay Mao, Zheng-Cong Li, Wai Ming Alex Leung and Chin-Hsiu Lin

A-0700 (Poster)

Habitat-Specific Allometric Trends Shaped Ecomorphological Evolution in *Pristurus* Geckos

Héctor Tejero-Cicuéndez¹, Iris Menéndez², Marc Simó-Riudalbas³, Adrián Talavera³, Gabriel Mochales-Riaño³, Bernat Burriel-Carranza³, Salvador Carranza³ and Dean C. Adams⁴

A-0702 (Poster)

Evolutionary Relationships, Diversity, and Biogeography of Angolan Geckos

Ryan Nassar, Hamza Albataineh and Matthew P. Heinicke

A-0704 (Poster)

Shifts in Prioritization of Immune Components in Freshwater Turtles

Jennifer Terry, Virginie Rolland and Lorin A. Neuman-Lee

A-0707 (Poster)

Spread like Weeds: Global Trends of Red-eared Sliders (*Trachemys scripta elegans*)

Isis Davis

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A-0710 (Poster)

Precocious Maturation and Semi-Multivoltine Lifecycle in a Subtropical Grass Lizard, *Takydromus toyamai*

Hitomi Asato¹ and Mamoru Toda²

A-0711 (Poster)

Analyses on the Origin and Distribution Modelling of the Invasive Mourning Gecko (*Lepidodactylus lugubris*) in Taiwan

Yung-Hsiang Shen, Chin-Chia Shen, Tzong-Han Lin and Si-Min Lin

A-0718 (Poster)

Can we Simplify ENZO's Affinity for Two Viper Dynamics in the Secondary Forest of Northeast Taiwan using Present and Absent Data?

Jean-Jay Mao and Chin-Hsiu Lin

A-0720 (Poster)

Slow and Steady Decline: Revealing Demographic Patterns in Two Isolated Ornate Box Turtle (*Terrapene ornata*) Populations

Devin Edmonds¹, Laura Adamovicz², Matthew Allender^{2,3}, Andrea Colton¹, Randy Nyboer¹ and Michael Dreslik¹

A-0754 (Poster)

Identifying the Tāhahi Skink Colour Pattern Range and Morphological Differentiation between the Shore Skink

Marcel Kerrigan¹, Rebecca D. Bray² and Marleen Baling¹

A-0755 (Poster)

Methylene Blue Colorimetry is More Reliable than Optical Density, Microscopy, and BacTiter-Glo Assays for Measuring *in-vitro* Growth of *Batrachochytrium dendrobatidis*

Kashmini Kaushalya Sumanasekera, Lee Berger, Lee Francis Skerratt and Rebecca Jane Webb

A-0760 (Poster)

First Insights of Activity Patterns and Enclosure Use in Captive Mountain Chicken Frogs *Leptodactylus fallax* (Müller, 1926)

Dhanushri L. Munasinghe^{1,2}, Sedera B. Ramaromanana^{3,4} and Izabela M. Barata⁵

A-0761 (Poster)

Earlier Maturation or Egg Retention in Tree Lizards Responding to Predation Risks in Different Age Stages

Jung-Ya Hsu^{1,2}, Chun-Chia Chou³, Chen-Pan Liao¹, Jhan-Wei Lin¹, Ren-Chung Cheng² and Wen-San Huang^{1,2,4}

A-0774 (Poster)

A Study on Thermoregulation in Five Lizards Related to Foraging Types in Okinawa, Japan

Asaki Hentona¹ and Atsushi Tominaga^{1,2}

A-0776 (Poster)

Contrasting Effects of Deer Wallowing on Survival and Growth in Two Amphibian Species

Hisanori Okamiya^{1,2}, Naru Matsuura³, Akira Terui⁴, Masayuki K. Sakata⁵, Hitoshi Araki⁵ and Osamu Kishida¹

A-0777 (Poster)

Gene Flow Through Multiple Hybrid Zones Complicating the Population Genetic Structure in Fire-Bellied Newts *Cynops pyrrhogaster*

Hiroki Shiroma¹, Masatoshi Matsunami², Tomohiko Shimada³, Masafumi Matsui⁴, Atsushi J. Nagano^{5,6} and Atsushi Tominaga^{1,7}