

**POSTER SESSION 2
(AUGUST 7, 2024)**

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-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-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, *Hypsiglossus murphyi* and *Myrrophis 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

Department of Ecology and Conservation Biology, Texas A&M University, Texas, USA

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 Tātahi Skink Colour Pattern Range and Morphological Differentiation between the Shore Skink

Marcel Kerrigan¹, Rebecca D. Bray² and Marleen Baling¹

¹Unitec, Private Bag 92029, Victoria Street West, Auckland 1142, New Zealand

²Auckland Museum, Private Bag 92018, Victoria Street West, Auckland 1142, New Zealand

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}

A-0783 (Poster)

Home Ranges of Sand Lizards (*Lacerta agilis*) along Railway Tracks

Alina Janssen^{1,2}, Michael Staab³ and Mark-Oliver Rödel¹

A-0794 (Poster)

Drones as a Reptile Survey Tool on Offshore Islands in New Zealand

Jayden Bradley and Marleen Baling

A-0796 (Poster)

A Latitudinal Gradient in a Sexually Dimorphic Trait: Evolutionary Change of Snout-Vent Length in Males due to Male–Male Competition in *Hynobius nigrescens*

Ryota Morii¹, Shona Yasuda² and Hiroshi Ikeda³

A-0797 (Poster)

Has Predation Pressure by Newts Driven Evolution of Egg Sacs from Clear to White in Japanese Black Salamander?

Shona Yasuda¹, Ryota Morii² and Hiroshi Ikeda³

A-0800 (Poster)

Predicting Risk of Temperature-driven Sex Reversal through Microhabitat Modelling

Phillip R. Pearson¹, Kristoffer H. Wild², Lisa E. Schwanz³, Janine E. Deakin¹ and Stephen D. Sarre¹

A-0803 (Poster)

Modelling Vehicle Impact on Flatback Turtle Eggs: A Mechanical Engineering Perspective

Marion Esslemont, Carla C. Eisemberg, Naveen Elumalai and Stefanija Klaric

A-0804 (Poster)

A Review of Sea Turtle Awareness Programs in Malaysia Through the Eyes of the Public

Anastasia Ting and Ruhana binti Hassan

A-0806 (Poster)

Can Wet Museum Specimens be used to Understand Trophic Changes in Sea Snake Populations over Time?

Chetan Rao and Andrea D. Phillott

A-0812 (Poster)

Home Range and Habitat Preferences of Reintroduced Juvenile Yellow-margined Box Turtle in Taiwan

Ya-Yun Sun¹, Kuan-Hao Chen², Yu-De Chang², Jhan-We Lin² and Ren-Chung Cheng¹

A-0821 (Poster)

Project Runover: Herp-vehicle Collision Community Science Project by the Herpetological Society of Singapore

R. Kannan

A-0825 (Poster)

Hidden on the Roof of the World: New Data on Diversity of Himalayan Ablepharine Skinks (Reptilia: Scincidae)

Andrey Bragin¹, Spartak Litvinchuk^{2,3}, Leo Borkin⁴, Daniel Jablonski⁵, V. Deepak^{6,7}, Zeeshan Mirza¹ and Nikolay Poyarkov^{1,10}

A-0839 (Poster)

Preliminary Findings on the Systematics and Biogeography of the Western Melanesian Microhylid Frog Genus *Mantophryne*

Rebecca Morris¹, V. Deepak¹, Fred Kraus² and Simon Maddock¹

A-0845 (Poster)

Microgeographic Variation in Wood Frog Hormonal Response across Suburban and Rural Landscapes

Samantha Tracy¹ and David Skelly^{1,2}

A-0852 (Poster)

Relict Leopard Frog (*Rana onca*) Breeding Biology: Informing Management and Conservation of a Species once thought Extinct

Rebeca Rivera¹, Dana L. Drake² and Jef R. Jaeger¹

A-0869 (Poster)

Preparation and Evaluation of a Rabbit Antiserum Against the Venom from Point-Scaled Pitviper, *Protobothrops mucrosquamatus*

Jian-Fang Gao, Ya-Qi Zhang, Xin-Yi Yang, Na He, Meng-Ji Lu, Ke-Yao Sheng, Jia-Chen Jin, Yu-Tong Shen and Hong-Yan Zhao

A-0876 (Poster)

Does the Spitting Cobra have Better Visual Performance than the Non-spitting Species?

Zheng-Cong Li and Jean-Jay Mao

A-0878 (Poster)

The Kururu Pytã Project: Conserving the Santa Fe Frog (*Leptodactylus laticeps*) in the South American Dry Chaco

Isis Ibañez^{1,2}, Julián Lescan³, Camila Deutsch^{2,4}, Diego Baldo⁵ and Gabriela Agostini^{2,4}

A-0879 (Poster)

Integrative Taxonomic Review of *Elachistocleis*: Implications for Species Diversity Estimation

Gabriel Novaes-e-Fagundes¹, Victor G. D. Orrico^{1,2} and Pedro L. V. Peloso³

A-0880 (Poster)

Non-lethal Skin Biopsy Sampling as a Method for Studying Highly Endangered Amphibians

Amanda B. Quezada-Riera¹, María José Navarrete-Méndez², Elena Naydenova¹, Andrea Terán-Valdéz¹, Luis A. Coloma¹ and Rebecca D. Tarvin²

A-0881 (Poster)

Effects of Larval Interactions on the Growth of Salamander Larvae

Kaori Takagi¹, Takahiro Sakono², Ye Ye³, Daniel Serpa³, Elaine Lee³ and Mizuki K. Takahashi³

A-0883 (Poster)

Too Young to Understand: Status and Updates of Tadpole Research in Taiwan and the Philippines with Emphasis on the Ecomorphology of the Mindanao Horned Frog (*Pelobatrachus stejnegeri*)

Andrie Bon A. Flores^{1,2}, Ace Kevin S. Amarga^{1,2}, Arvin C. Diesmos³, Olga M. Nuñez⁴ and Si-Min Lin^{1,2}

A-0884 (Poster)

Spitting Behavior of a 'Non-spitting' Cobra (*Naja atra*) in Taiwan

Tein-Shun Tsai^{1,2} and Venomiraptor Yeh³

A-0890 (Poster)

Skull Morphology of Male Crocodile Newts Genus *Tylototriton* (Urodela: Salamandridae) Distributed in Thailand

Porrawee Pomchote and Ananya Mansamut

A-0894 (Poster)

A Conservation Plan for the Critically Endangered Aeolian Lizard, *Podarcis raffonei*

Leonardo Vignoli¹, Benedetta Gambioli¹, Emanuele Berilli², Gentile Francesco Ficetola³, Pierluigi Bombi⁴ and Daniele Salvi²

A-0897 (Poster)

Using Non-conventional Samples to Quantify Hormonal Metabolites and Physiological Status in Neotropical Pitvipers

Eletra De Souza^{1,2}, Daniela M. D. De Mello³, Xavier Glaudas¹, Selma M. Almeida-Santos² and C. Loren Buck³

A-0904 (Poster)

Hidden Diversity and Natural History of the Secretive New Guinean Worm-eating Snakes, Genus *Toxicocalamus* (Elapidae: Hydrophiinae), Revisited

Mark O'Shea¹, Fred Kraus² and Hinrich Kaiser^{3,4}

A-0909 (Poster)

Using Decision Analysis to Assess the Feasibility of Recovery of Northern Leopard Frogs Using Conservation Translocations in Northern Idaho, USA

Rebecca Stanton¹, Lea Randall¹, Laura Keating¹, Casey McCormack², Michael Lucid³, Travis Seaborn⁴, Sarah Converse⁵, Stephan Canessa^{6,7} and Axel Moehrenschrager⁷

A-0920 (Poster)

AmphibiaWeb - Connecting Amphibian Lovers to Data

Molly Womack^{1,2}, Michelle S. Koo³, Carol Spencer³, Vance T. Vredenburg⁴, Rebecca D. Tarvin³, Ann T. Chang³, Joyce Gross³, Rayna Bell⁵, Emma Steigerwald³, David C. Blackburn⁶, David C. Cannatella⁷, Alessandro Catenazzi⁸, Kyle Summers⁹, Jodi Rowley¹⁰ and Jimmy A. McGuire³

A-0936 (Poster)

Long Tail's Effect in the Grass: Locomotor Performance in Grass Lizards

Jhan-Wei Lin¹, Hsuan-Peng Wang², Kai-Jung Chi^{2,3,4}, Chen-Pan Liao¹ and Wen-San Huang^{1,2,5}

A-0938 (Poster)

Forever Young? Bone Staining Potentially Hints to Short Lifespan in Wild Tepui Summit Endemic Toads (Anura: Bufonidae: *Oreophrynella quelchii*)

Philippe J. R. Kok¹, Alexandra Laking¹, Maciej Studzian² and Łukasz Pulaski²
¹Department of Ecology and Vertebrate Zoology, University of Łódź, Łódź, Poland
²Department of Oncobiology and Epigenetics, University of Łódź, Łódź, Poland

A-0940 (Poster)

Morphological and Bone Adaptations to Gliding Behaviors in Flying Lizards

Hao-Chen Tang^{1,2}, Tzu-Ruei Yang³, Chen-Pan Liao², Jhan-Wei Lin², Chun-Chia Chou⁴, Chuan-Kai Ho^{1,5} and Wen-San Huang^{2,5}

A-0941 (Poster)

Salinity as the Only Predictor of Spawning Site Selection in Japanese Treefrog (*Dryophytes japonicus*) in Coastal Habitat

Kyongman Heo¹, Deyatima Ghosh², Kevin R. Messenger¹ and Siti N. Othman²

A-0946 (Poster)

Aircraft Collisions with Reptiles in the United States Over the Past 24 Years

Anna Maria Kubicka¹, Mikołaj Kaczmarski¹, Łukasz Jankowiak², Michał Skakuj³ and Piotr Tryjanowski^{1,4}

A-0947 (Poster)

Genetic Complexity in *Indotyphlops braminus*: Investigating Hybrid Origins, Polyploidization and Parthenogenesis

Aarthi R. and Praveen Karanth

A-0955 (Poster)

Conspicuous or Concealed? Assessing Detectability and Survival Rates of Seasonal Color Patterns in *Takydromus stejnegeri* (Squamata: Lacertidae)

Hao-Sen Chen¹, Chih-Wei Chen¹, Wan-Xin Jian^{1,2}, Tsui-Wen Li¹ and Si-Min Lin^{1,2}

A-0956 (Poster)

Habitat Partitioning of *Limnonectes* Frogs in Singapore

Tan Robbin and Poh Faye Fann Gabrielle

A-0957 (Poster)

Unveiling Cryptic Diversity: Acoustic Divergence of *Gekko hokouensis* Complex in Taiwan

Yu-Sing Lin¹, Teppei Jono², Mamoru Toda³, Tzong-Han Lin¹, Chin-Chia Shen¹ and Si-Min Lin¹

A-0962 (Poster)

Detection of Ranavirus and Assessment of its Spatiotemporal Pattern in Amphibians of Bangladesh

Md. Fazle Rabbe¹, Hawa Jahan², Azizul Islam Barkat², Ashikur Rahman Shome¹ and Mohammad Firoj Jaman¹

A-0991 (Poster)

Rapid Ecotype Formation under Gene Flow in a Toad-Headed Agama

Guannan Wen¹, Tobias Uller² and Weiguo Du¹

A-1005 (Poster)

Utilizing Museum Collections to Uncover Key Features of Infectious Disease Dynamics across three Major Pathogens found in North American Frogs

Daniele L. F. Wiley¹, Kadie N. Omlor¹, Ariadna S. Torres López¹, Celina M. Eberle¹, Anna E. Savage², Matthew S. Atkinson² and Lisa N. Barrow¹

A-1006 (Poster)

The Great Escape: New Zealand Cobble Skinks (*Oligosoma* aff. *infrapunctatum*) 'Cobble' Break Free from an Evolutionarily Stable Sex Determination System

Angus S. Davis¹, Bruce C. Robertson¹, Kate L. J. Simister², Don McFarlane³ and Ludovic Dutoit¹

A-1008 (Poster)

What Happens to Toxic Metals during Frog Metamorphosis? An Investigation of Cadmium Bioaccumulation Dynamics in *Limnodynastes peronii*

Chantal Lanctôt¹, Paul Callaghan² and Tom Cresswell²

A-1014 (Poster)

Exploring Mitonuclear Discordance: Ghost Introgression from an Ancient Extinct Lineage in *Odorrana swinhoana*

Chin-Chia Shen¹, Ikuo Miura², Mamoru Toda³, Ngoc-Hung Nguyen⁴ and Si-Min Lin¹

A-1025 (Poster)

Occurrence of Invasive *Trachemys s. elegans* in Rio Grande Adjacent Artificial Waterways of the Trans-Pecos

R. Reed McClure

A-1045 (Poster)

Scales and Tales: Improving Public Perception of Herpetofauna, One Storybook at a Time

Shanyl Ong

A-1047 (Poster)

Success Rate and Characteristics of *Ex-situ* Breeding of Rote Snake-Necked Turtles (*Chelodina mccordi*) in Kupang

Alfian Herdi Feisal¹, Khoerunisa Amala¹, Iga Marlina Nitbani¹, Sri Ngatini¹, Argen Yabes Liukae¹, Arief Mahmud¹, Kayat², Oki Hidayat³ and Noviar Andayani³

A-1050 (Poster)

Trace Elements Accumulation and Oxidative Stress in *Pelophylax sinkl. hispanicus* (Ranidae) from Two Sites in the “Lago di Tarsia and Foce del Crati” Natural Regional Reserves (Southern Italy)

Agostino Brusco¹, Roberto Marchianò¹, Pierluigi Serravalle¹, Mariacristina Filice², Alessia Caferro², Sandra Imbrogno², Alfonsina Gattuso², Concetta Milazzo², Francesco Luigi Leonetti², Samira Gallo², Marco De Luca², Gianni Giglio², Donatella Barca² and Emilio Sperone²

A-1055 (Poster)

Using the Past to Protect the Present - Phylogeography and Conservation Genetics of an Archaic Frog Genus (*Leiopelma* spp.)

Hadley Muller^{1,2}, Ludovic Dutoit¹, Jo Monks¹ and Nic J. Rawlence¹

A-1072 (Poster)

The Enigmatic Decline of the Achala Toad: Gathering Efforts to Conserve Remnant Populations of an Argentinean Endangered Species

Maria Gabriela Agostini^{1,2,3,4}

A-1074 (Poster)

Defining the Morphology of *Trimeresurus purpureomaculatus* (Gray, 1832) *Sensu-stricto*

Law Ing Sind^{1,2}, Law Ingg Thong^{1,2}, Brian Pickles¹ and Chan Kin Onn³

A-1082 (Poster)

The Mitochondrial Genome of *Hemidactylus platyurus* (Gekkonidae) Reveals a Putative Cryptic Species Complex

Artem Lisachov^{1,2}, Tavun Pongsanarm¹ and Kornorn Srikulnath^{1,3,4,5}

A-1083 (Poster)

Ectoparasites of Racerunners (*Eremias* Fitzinger, 1834) from the Caucasus and Adjacent Territories

Maria V. Orlova^{1,2}, Igor V. Doronin³, Lyudmila F. Mazanaeva⁴ and Uzlipat A. Gichikhanova⁴

A-1086 (Poster)

Age Structure and Growth Pattern of the Kishinoue's Giant Skink, *Plestiodon kishinouyei* (Squamata: Scincidae), Inferred by Skeletochronology

Takahide Sasai^{1,2}, Takumi Yamamoto² and Mamoru Toda³

A-1087 (Poster)

A New Record of the Enigmatic Earless Monitor Lizard (*Lanthanotus borneensis*) from Brunei Darussalam

Justin Jeffrey, Jerry S. H. Wong, Joremy Tony and Ulmar Grafe

A-1089 (Poster)

Temporal Variation in Acoustic and Visual Signaling as a Function of Stream Background Noise in the Bornean Foot-Flagging Frog, *Staurois parvus*

Joremy Tony and Ulmar Grafe

A-1105 (Poster)

Restoring the Endemic Burmese Roofed Turtle to the Chindwin River of Myanmar

Me Me Soe

A-1107 (Poster)

The Effects of Salinity on Amphibian Species Distribution, Disease, and Diversity of the Cutaneous Microbiome in Monterey, CA, USA

Hannah E. Kim and Jenifer B. Walke

A-1109 (Poster)

Estimating Amphibian and Plant Community Responses to Wetland Restoration Techniques in Georgia

Jade Samples^{1,2}, John C. Maerz¹, Cynthia Carter¹ and Lora Smith²

A-1110 (Poster)

Metapopulation Dynamics of Gopher Frogs (*Rana capito*) in Georgia

Eva Kerr^{1,2}, John C. Maerz¹, Lora Smith², Helen Bothwell¹ and Brian Shamblin¹

A-1113 (Poster)

Factors Affecting Gut Microbiota Across a Hybrid Zone of a Legless Lizard (*Anguis*, *Anguidae*) in Central Europe

Veronika Gvoždíková Javůrková¹, Lucie Schmiedová^{1,2}, Stuart J. E. Baird¹, Václav Gvoždík^{1,3} and Jakub Kreisinger²

A-1115 (Poster)

Population Dynamics, Detectability and Behavior of Tiger Snakes (*Notechis scutatus*) in Perth's Urban Wetlands

Serin Subaraj¹, Brenton Von Takach¹, Ben Phillips¹, Damian Lettoof² and Bill Bateman¹

A-1120 (Poster)

Morphological Diversity and Taxonomic Studies of Chinese Tadpoles

Xiaolong Liu, Xianqi Li and Zhiyong Yuan

A-1122 (Poster)

Species Recovery Programme: Inger's Dwarf Toadlet

Mei Quan Tan and Rekha Mohan

A-1139 (Poster)

Sexual Dichromatism and the Impact of Climate Change on the Coloration of Fire Salamanders in Germany

Max Mühlenhaupt¹, Rosalie Hey¹, Michelle Starp¹, Nils Anthes², Paul Bachhausen³, Thomas Bamann⁴, Sabrina Bleidißel⁵, Eike Bovensmann⁶, Jürgen Braunsdorf^{3,7}, J. Maximilian Dehling⁸, Saskia Ebert¹, Hannes Egle⁹, Karolin Egle⁹, Simeon Egle⁹, Heidi Enderlein¹⁰, Maximilian Fischer⁵, Lara Gemeinhardt¹¹, Sean G. Grond¹, Ricarda D. Gundert⁵, Lorenz Laux¹⁰, Pia Oswald¹, Xenia Schlindwein¹², Manuela Schmidt¹, Laura Schulte¹, Ronny

Schwalbe¹³, Sebastian Steinfartz¹¹, Theresa Stipp^{1,7}, Michael Veith¹⁴, Frederik Wietbrok¹⁵
and Barbara A. Caspers¹

A-1141 (Poster)

Distribution of Extracranial Endolymphatic Sacs across Gekkotans

Elizabeth Saxton¹, Zildjian Brooks¹, Aaron M. Bauer² and Juan D. Daza¹

A-1142 (Poster)

**Updated Checklist of Amphibian and Reptile Species in Mount Mantalingahan
Protected Landscape, Palawan, Philippines**

Rhiana Angelita R. Parr¹, Jhonny Wyne B. Edano¹, Erl Pfan T. Maglangit^{2,3}, Jason B.
Fernandez³, Christian E. Supsup⁴, Louise Abigail De Layola^{1,3}, Jennica Paula C. Masigan¹,
Arvin C. Diesmos⁵ and Neil Aldrin D. Mallari¹

A-1152 (Poster)

**Integrating Research and Education to Understand How Salinization and Ranavirus
Interact to Alter Amphibian-mediated Nutrient Cycling**

Allison Dickman¹ and Jessica Hua²

A-1154 (Poster)

**Male-biased Road Mortality of Eastern Green Lizards (*Lacerta viridis*) in Northeast
Hungary**

Márton Szabolcs¹, Edvárd Mizsei², Béla Mester³ and Szabolcs Lengyel^{1,4}

A-1156 (Poster)

**The Visualisation, Description and Analysis of the Vocalisations of Singaporean Frog
Species**

Law Ingg Thong

A-1157 (Poster)

**Diurnal Cycle of Plasma Corticosterone in Captive Rice Field Frogs *Hoplobatrachus
rugulosus***

Artit Apibanpathomrat¹, Wichase Khonsue^{1,2} and Noppadon Kitana^{1,2}

A-1158 (Poster)

Biomonitoring Genotoxicity in Non-Model Organisms with the Comet Assay

Emily R. Donahue, Isabella V. Davis, Than J. Boves and Lorin A. Neuman-Lee

A-1159 (Poster)

**Influence of Vegetation Structure on Occupancy of the Hungarian Meadow Viper
(*Vipera ursinii rakosiensis*)**

Mátyás Budai¹, Attila Mór^{2,3}, Bálint Wenner¹, Gergő Rák¹, Barnabás Bancsik⁵, Gergő Kovács⁶, Márton Szabolcs¹, Gergő Oláh⁷ and Edvárd Mizsei^{2,3,4}

A-1164 (Poster)

A Deep Dive into the Behavioral Thermoregulation Strategy of Tadpoles in a Big City

Pushkar R. Wagh¹, K. S. Seshadri² and Maria Thaker³

A-1170 (Poster)

Same Same but Different: Cryptic Diversity of *Colostethus cf. pratti* in Panama

Milan Veselý¹, Tadeáš Venkrbec¹ and Abel Batista²

A-1174 (Poster)

Terrestrial Frog Eggs under Climate Change: Hatching Plasticity, Synergistic Risks, and Developmental Effects

Nicole Povelikin¹ and Karen M Warkentin^{2,3}

A-1182 (Poster)

Scutavirus Testudininalpha3 is Highly Prevalent in Free-ranging Wild Spur-thighed Tortoises in Absence of Obvious Clinical Disease

Claudia Corti¹, Maria Luisa Marenzoni², Andrea Baglioni², Marta Biaggini¹, Daniele Marini² and Francesco Carlo Origgi^{3,4}

A-1188 (Poster)

Anuran Conservation Planning in Priority Ecoregions of the Southern Cone of South America: An Integrative Approach of Life-History Traits and Biodiversity Threats

Regina Gabriela Medina^{1,2}, María José Salica³, Rodrigo Pinto Ferreira¹, Patricio Pliscoff⁴ and María Laura Ponssa⁵

A-1196 (Poster)

The Relative Importance of Environmental Variables in Predicting Activity Patterns of *Podarcis muralis* in a Large, Urbanized City

Ádám Simon and Will Cresswell

A-1200 (Poster)

Microhabitat Drivers of Californian *Hydromantes* Occurrence

Valeria Messina¹, Andrea Melotto¹, Benedetta Barzaghi¹, Beatrice Caimi¹, Len Lindstrand Iii², Gentile Francesco Ficetola¹ and Raoul Manenti¹

A-1202 (Poster)

Are Facultative Cave Species Drivers of Metal Contaminants into Subterranean Environments? Presentation of the PRIN Project “METALCAVE”

Emilio Sperone¹, Donatella Barca¹, Gianni Giglio¹, Francesco Luigi Leonetti¹, Luca Coppari², Daniele Slavi² and Enrico Lunghi²

A-1205 (Poster)

Predator-Induced Changes in Body Shape and Coloration of the Japanese Tree Frog Tadpoles (*Dryophytes japonicus*)

Akihiro Noda

A-1209 (Poster)

Predicting Habitat Shifts of High-Alpine Amphibians in the Southern Rocky Mountain Region

Megan Locher¹, Derek Houston^{2,3}, Madelon Van de Kerk³, Leland Pierce⁴ and Hannah Carroll^{2,3,5}

A-1212 (Poster)

Advancing the Knowledge and Protection of the Herpetofauna of the Caatinga (Northeastern Brazil), the Most Diverse Arid/Semiarid Region of the World

Thaís B. Guedes^{1,2}, Adrian A. Garda², Donald B. Shepard⁴, Karoline Ceron⁵, Guarino R. Colli⁶ and Daniel Oliveira Mesquita⁷

A-1225 (Poster)

Environmental and Genetic Factors Produce Different Results in Toad Tadpole Kin Recognition Ability

Kazuko Hase^{1,2}

A-1227 (Poster)

Host-Pathogen Interactions in Chemically Defended Amphibians: Tradeoffs of Chytrid Resiliency

Amanda Muñoz Meneses¹, Marie Therese Fischer¹, Amanda Belén Quezada Riera², Consuelo Mileidy Betancourth Cundar¹, Daniela Pareja Mejía¹, Andrea Terán Valdez², Monica Paez Vacas¹, Luis A. Coloma² and Lauren O'Connell¹

A-1233 (Poster)

Microhabitat Variability and Lizard Distribution along a Transition Zone at Serra das Confusões National Park, Piauí, Brazil

Vieira, C. R.¹, de Carvalho, B.F.², Colli, G.R.¹ and Mesquita, D.O.²

A-1234 (Poster)

Molecular Phylogeny, Distribution and Systematics of the Parrot Snake (*Leptophis coeruleodorsus*) in Colombia

Angie Tovar-Ortiz¹ and Duvan F. Zambrano²

A-1235 (Poster)

Microplastic Accumulation in the American Bull Frog (*Aquarana catesbeiana*) Indicates Ubiquitous Pollution in South Korea Reservoirs

Kim Jeong Hun¹, Md Mizanur Rahman², Seung Min Park¹, Seung Ju Cheon¹ and Ha Cheol Sung²

A-1238 (Poster)

Reintroduction of the Extirpated Pygmy Short-horned Lizard (*Phrynosoma douglassi*) to the Indigenous Territory of the Syilx People of the Okanagan Nation, Canada

Sara L. Ashpole

A-1241 (Poster)

Comparing Monitoring Techniques of New Zealand Geckos: Visual Searching Vs. Drones

Thia, D.¹, Aguilar, G.¹, Wedding, C.², Knox, C.³ and Baling, M.¹

A-1242 (Poster)

Geographic Variation in the Call and Morphology of the Red-eyed Tree Frog, *Agalychnis taylori* in Mexico

Samantha Ordóñez-Flores¹, Adrián García-Rodríguez² and Leticia M. Ochoa-Ochoa¹

A-1244 (Poster)

Call Description and Geographic Distribution of *Fejervarya trionra* (Anura: Dicroglossidae) in Thailand

Attapol Rujirawan¹, Bryan L. Stuart² and Anchalee Aowphol¹

A-1247 (Poster)

Effect of Release Approaches on Survival Rates of Translocated Captive-bred Canberra Grassland Earless Dragons (*Tympanocryptis lineata*)

Jessica Thomson¹, Ben Croak², Richard Duncan¹, Stephen Sarre¹ and Bernd Gruber¹

A-1249 (Poster)

Developmental Plasticity under Thermal and Desiccation Stress of *Exerodonta xera*, a Microendemic Frog of México

Solis Sotelo Marco Eduardo, Pérez Mendoza Hibraim Adán and Hernández Herrera Cristian Iván

A-1250 (Poster)

Evaluating an Anti-*Batrachochytrium dendrobatidis* Probiotic under Climate Change Temperatures

Autumn Holley¹, Talon Jost² and Jenifer Walke²

A-1254 (Poster)

Tracking Squamate Extirpations and Recoveries in Singapore

Sankar Ananthanarayanan^{1,2} and Ryan Alistair Chisholm¹

A-1255 (Poster)

On the validity of *Hebius sauteri maximus* (Malnate, 1962) (Squamata, Natricidae), with the Redescription of *H. maximus* comb. nov. and *H. sauteri* (Boulenger, 1909)

Maoliang Li^{1,2}, Jinlong Ren², Junjie Huang², Zhitong Lyu^{3,4}, Shuo Qi^{3,4}, Ke Jiang², Yingyong Wang^{3,4} and Jiatang Li^{2,5}

A-1256 (Poster)

Microanatomy and Transcriptomics of the Oviduct in a Polymorphic Salamander

Bengel Kacey, Gomora Lizbeth, Heatherman Mary Kate, Woodward Mataya, Vestal Cassie, Bonett Ronald, and Trujano-Alvarez Ana

A-1282 (Poster)

Awareness to Action: Strategies for Mitigating Human-Snake Conflict in Rural India

Indira S. Naidu

A-1285 (Poster)

Rapid Learning of Aposematic Signals by an Agamid Lizard

Po-Chiang Yeh¹, Chih-Wei Chen², Si-Min Lin² and Hui-Yun Tseng¹

A-1294 (Poster)

Are there any Chemical Restrictions on the Compounds that *Rhabdophis tigrinus* can Use?

Ango Morikawa¹, Takato Inoue², Masashige Naito³, Naoki Mori³ and Akira Mori¹

A-1295 (Poster)

Diversity of the Blood Parasite Genus *Hepatozoon* (Apicomplexa: Adeleorina: Hepatozoidae) in Snakes of South Africa: A Parasite of Concern or Nothing to Worry About?

Courtney Cook, Carla Smit, Cormac Price and Ché Weldon

A-1306 (Poster)

Geographic Variation in Reproductive Strategy of Maternal Allocation for Offspring in *Fejervarya kawamurai*

Yushi Ogura and Noriko Kidera

A-1308 (Poster)

Food Web Dynamics Using Ecological Niche Modelling for the Japanese Giant Salamander (*Andrias japonicus*) in the Nawa River Basin, Tottori, Japan

Abhilasha Shrivastava¹, Xiaoli Zhang², Vishal Kumar Prasad², Aishwarya Ramachandran³, Richard Pearce⁴ and Amaël Borzée¹

A-1311 (Poster)

Introduction of *Diploderma polygonatum polygonatum* (Agamidae, Squamata, Reptilia) into the Main Islands of Japan

Masanao Honda¹, Tomoya Matsukoji², Shigenori Karasawa³, Hideaki Kato⁴, Aya Ueno⁵ and Hidetoshi Ota⁶

A-1312 (Poster)

The Effect of Artificial Lights at Night on Food Intake and Body Condition of Japanese Tree Frog (*Dryophytes japonicus*)

Hibiki Ito¹, Ryota Morii², Shona Yasuda³, Yu Osaki³, Kanta Yokogawa³, Kairu Ito³ and Hiroshi Ikeda⁴

A-1315 (Poster)

A First Report of Complete Albinism in the Wild Adult *Ichthyophis kohtaoensis* from Peninsular Thailand (Amphibia: Gymnophiona: Ichthyophiidae)

Wichase Khonsue¹, Kanto Nishikawa^{2,3}, Sivaporn Chawanadelert¹, Yanpeng Shen², Masafumi Matsui² and Porrawee Pomchote¹

A-1316 (Poster)

Ecological Niche Modelling and Spatial Distribution of the Pitvipers in Mindanao, Philippines

Neil Jun S. Lobite¹ and Juan Carlos T. Gonzalez²

A-1328 (Poster)

Measure Twice, Cut Once: Age Estimation in Lizards by Keratin and Bone Structures

Natalia G. Sopilko¹ and Eduard A. Galoyan^{1,2}

A-1329 (Poster)

**Predation on the Endangered Hungarian Meadow Viper in Pastures and Hayfields:
Insights From Plasticine Models**

Attila Móre^{1,2}, Bálint Üveges³, János Simics⁴, Dávid Radovics^{2,5}, Gergő Kovács⁶, Barnabás Bancsik⁷, Bálint Wenner⁸, Mátyás Budai⁸, Ádám Tisza⁸, Csaba Vadász¹, Szabolcs Mizser^{2,9}, Béla Tóthmérész^{2,9} and Edvárd Mizsei^{1,2,5}

A-1331 (Poster)

The Potential of Legend of the White Snake in Conveying Ecofeminism

Miyana Yoshino¹, Drima Chakraborty¹ and Manal Shahid²

A-1332 (Poster)

**Monitoring of Climate Change-Sensitive Philippine Anurans in Mimbilisan Protected
Landscape, Philippines**

Frank Alvin G. Baguio¹, Elvin R. Sansona¹, Olga M. Nuñez² and Juliet T. Casison³

A-1338 (Poster)

**Sexual Size Dimorphism in Mature Snail-eating Turtles, *Malayemys macrocephala*, in
Captivity**

Kritsakorn Mangkang¹, Artit Apibanpathomrat¹ and Noppadon Kitana^{1,2}

A-1340 (Poster)

A Field Record of Parental Care Behavior of Hundred-Pacer in Taiwan

Yu Lee¹, A-Lin Hui¹, Yu-Kai Huang¹ and Jhan-Wei Lin²

A-1345 (Poster)

**Surface activity and circadian rhythm in caecilians (Amphibia:Gymnophiona): new
experimental data on animals in captivity**

Avanthika Prakash*¹, David J. Gower*², Ranjith Vengot*³, and Ramachandran
Kotharambath*⁴

A-1349 (Poster)

**Patterns of Elevational Variation in the Distribution of Caecilians (Amphibia:
Gymnophiona): A Study From a Northern Kerala Part of the Western Ghats of
Peninsular India**

Ranjith Vengot¹, David J. Gower², Avanthika Prakash¹ and Ramachandran Kotharambath¹

A-1355 (Poster)

Human Impact on Milan Freshwaters' Biodiversity and Functionality

Benedetta Barzaghi, Valeria Messina, Raoul Manenti, Mattia Falaschi and Gentile Francesco
Ficetola

A-1359 (Poster)

Testicular Ovarian Follicles in Male Rice Frog *Fejervarya limnocharis* (Anura: Dicroglossidae)

Jirarach Kitana^{1,2}, Sadanan Summat¹, Thrissawan Traijitt³, Panupong Thammachoti Charunrochana^{1,2} and Noppadon Kitana^{1,2}

A-1360 (Poster)

Philippine Snakebite Initiative; Bridging the Gap on Snakebite Response

Marvin Jay R. Sarmiento

A-1361 (Poster)

Bony-Tailed Tadpoles: Genomic Insights into the Development of Supernumerary Caudal Vertebrae in Megophrid Toads (Anura)

Han Wan^{1,2}, Hao Xun^{1,2}, Wei Gao¹, Ying-Yong Wang³, Ming-Shan Wang¹ and Jing Che¹

A-1362 (Poster)

Shell Morphometry of Hermann's Tortoise in Calabria Region (Southern Italy)

Francesco Luigi Leonetti¹, Gianni Giglio¹, Rocco Gatto², Chiara Romano¹, Sandro Tripepi¹, Claudia Corti³ and Emilio Sperone¹

A-1368 (Poster)

Molecular Biomarker and Reproductive Examination of Sea Snake in Thailand

Tongchai Thitiphuree¹, David Chiangpradit², Lalita Srion³ and Panupong Thammachoti Charunrochana³

A-1369 (Poster)

LLP: Ladder-like Pattern in Phylogenomic Analysis, a Potential Sign of Gene Flow

Václav Gvoždík^{1,2}, Matej Dolinay¹ and Tadeáš Nečas¹

A-1371 (Poster)

Common Frog Tadpoles Show Adaptive Behavioral Response to the Presence of Minnows

Dan Cogalniceanu, Ovidiu Dragan, Ana-Maria Dragan, Geanina Fanaru and Florina Stanescu

A-1380 (Poster)

Phylogenetic Relationship and Morphological Revision of Grandison's Forest Skink *Sphenomorphus grandisonae* Taylor, 1962

Panupong Thammachoti, Chanisara Klinthuran and Noppadon Kitana

A-1395 (Poster)

Parasitic Helminths and WBC Count in Three Calabrian Common Wall Lizard Populations *Podarcis siculus* (Rafinesque-Schmaltz, 1810)

Riccardo Dieni, Claudia Valerioti, Gianni Giglio, Carlo Terranova, Pierluigi Serravalle, Francesco Luigi Leonetti, Concetta Milazzo and Emilio Sperone

A-1396 (Poster)

Decoding the Complex Vocal Repertoire of *Polypedates leucomystax* from Flores Island, Indonesia

Chetna Gupta¹, Anisha Rawat¹, Sandeep Varma² and Robin Suyesh¹

A-1408 (Poster)

Herp Havens in the Metropolis: A Snapshot of Amphibian and Reptile Communities within Urban Green Spaces in the Philippines

Rhiana Angelita R. Parr¹, DeAnne Rochelle L. Abdao¹, John Alberto H. Ordinario¹, Jhonny Wyne Edano¹, Louise Abigail De Layola^{1,2}, Jennica Paula C. Masigan¹ and Neil Aldrin D. Mallari¹

A-1410 (Poster)

Unveiling Cryptic Species Diversity of Ranidae of the Western Ghats

Princia DSouza¹, K. P. Dinesh² and Kartik Shanker¹

A-1415 (Poster)

Contrasting the Evolutionary Dynamics of the PRDM9 Gene in Two Genera of Lizards, the Wall Lizard (*Podarcis* Sp.) and Green Anole (*Anolis* Sp.)

Rahul Manshani^{1,3}, Nathalie Feiner² and Linda Odenthal-Hesse³

A-1436 (Poster)

The Impact of Fish Stocking on Amphibian Communities from Mountain Lakes

Sabina E. Vlad, Florina Stanescu, Teodora Tanase, Miruna Vizireanu, Geanina Fanaru and Dan Cogalniceanu

A-1453 (Poster)

Oil Palm Plantation Landscape As Habitat for Herpetofauna in Peninsular Malaysia

Zalifah Ramli and Ahmad Shahdan Kasim

A-1466 (Poster)

Habitat Use of the Critically Endangered Wonder Gecko (*Teratoscincus keyserlingii*) in Abu Dhabi Emirate

Ahmed Ali Mohamed and Pritpal Soorae

A-1480 (Poster)

Herpetofauna Diversity of the Disturbed and Isolated Bukit Maras in Terengganu, Peninsular Malaysia

Muhamad Fatihah Syafiq¹, Baizul Hafsyam Badli-Sham¹, Farah Hazirah Amir², Nur Nadhirah Sapri², Nurziattul Farhana Nordin², Mohamad Aqmal-Naser¹, Muhammad Shahril-Ridhwan², Joehan Azzimin², Tng Kel Li², Ng Shu Xin² and Amirrudin B. Ahmad¹

A-1317 (Poster)

Integrating conservation strategies: predator control and habitat enhancement for lizards in urban environments

Muhamad Fatihah Syafiq¹, Baizul Hafsyam Badli-Sham¹, Farah Hazirah Amir², Nur Nadhirah Sapri², Nurziattul Farhana Nordin², Mohamad Aqmal-Naser¹, Muhammad Shahril-Ridhwan², Joehan Azzimin², Tng Kel Li², Ng Shu Xin² and Amirrudin B. Ahmad¹

A-1238 (Poster)

Reintroduction of the extirpated Pygmy Short-horned lizard (*Phrynosoma douglassi*) to the indigenous territory of the Syilx People of the Okanagan Nation, Canada

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