



EUROPEAN ASSOCIATION OF ZOOS AND AQUARIA

Annual Reports 2025

ANNEX – RESEARCH PUBLICATIONS

Please find below some of the scientific papers co-authored by members of TAGs and their collaborators that were published in 2025 and mentioned in the TAGs' annual reports.

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AMPHIBIAN TAG

- Alonso G.M. et al. (2025). *Long-term sperm storage in the Montseny brook newt (Calotriton arnoldi)*. Butlletí de la Societat Catalana d'Herpetologia, 32: 45-47
- Bland, A. et al. (2025). *Evaluating retention of Subcutaneous Passive Integrated Transponder (PIT Tag) to individually identify captive Lake Pátzcuaro salamanders Ambystoma dumerilii*. Journal of Zoo and Aquarium Research, 13: 186-191
- Carter, K.C. et al. (2025). *Using variations in cloacal disc regions to individually identify Congo caecilians Herpele squalostoma (Amphibia: Gymnophiona)*. Herpetological Journal, 35: 110-115
- Försäter, K., Salazar, J.A. and Rosa, G.M. (2025). *Amphibian rescue*. Zooquaria, 125: 24
- Hoang, C.V. et al. (2025). *A new species of Microhyla (Amphibia: Anura: Microhylidae), with an extended description of Microhyla nanapollexa from Vietnam*. Zootaxa, 5566: 347-369
- Sperling, K. et al. (2025). *Amphibians and Reptiles of Ethiopia—Biogeography, Conservation Priority Areas, and Potentials for “One Plan Approach” Conservation Measures*. Integrative Conservation, 4(3): 442-463
- Le, L.T.H. et al. (2025). *First decoding and characterization of the mitogenomes of the crocodile newts Tylototriton anguliceps and T. ngoclinhensis (Caudata, Salamandridae) from Vietnam and a phylogenetic assessment of the genus Tylototriton*. ZooKeys, 1265: 129-150
- Luong, A.M. et al. (2025). *New records and an updated checklist of the herpetofauna from Tay Yen Tu Nature Reserve, northeastern Vietnam*. Biodiversity Data Journal, 13: e157862
- Maeda-Obregon, A. et al. (2025). *Persisting at the edge of ecological collapse: the impact of urbanization on fish and amphibian communities from Lake Xochimilco*. Environmental DNA, 7: e70147
- Péricard, L. et al. (2025). *Intracytoplasmic Sperm Injection Using 20-Year-Old Cryopreserved Sperm Results in Normal, Viable, and Reproductive Offspring in Xenopus laevis: A Major Pioneering Achievement for Amphibian Conservation*. Animals, 15(13): 1941
- Nguyen, V H.T. et al. (2025). *New record and diet of the endangered Mau Son Spiny Frog (Quasipaa acanthophora Dubois and Ohler, 2009) in Vietnam*. Biodiversity Data Journal, 13: e154204
- Nguyen, V H.T. et al. (2025). *New provincial records of the genus Limnonectes (Amphibia, Anura, Dicroglossidae) from South Central, Vietnam*. Biodiversity Data Journal, 13: e146098
- Pham, A.V. et al. (2025). *New record and diet of a poorly known frog, Amolops daorum (Amphibia, Anura) from Vietnam*. ZooKeys, 1262: 203-219
- Pham, A.V. et al. (2025). *Amolops cuongi (Amphibia, Anura, Ranidae), a new species from the Hoang Lien Range, Vietnam*. ZooKeys, 1256: 235-257
- Pham, C.T. et al. (2025). *Taxonomic revision of the Quasipaa verrucospinosa complex (Amphibia, Dicroglossidae) in Vietnam, with descriptions of two new species*. ZooKeys, 1240: 139-175

Pham, C.T. et al. (2025). *First record of Odorrana liboensis* Luo, Wang, Xiao, Wang & Zhou, 2021 (*Amphibia: Anura: Ranidae*) from Vietnam. *Academia Journal of Biology*, 47: 1-10

Pham, C.T. et al. (2025). *New Records and an Updated Checklist of Amphibians from Xuan Lien Nature Reserve, Vietnam*. *Russian Journal of Herpetology*, 32: 167-176

Rajkumar, K.P. et al. (2025). *Unethical wildlife photography imperils the Western Ghats endemic galaxy frog, Melanobatrachus indicus* Beddome, 1878. *Herpetology Notes*, 18: 1169-1174

Richardson, K. et al. (2025). *Amphibian pods at Chester Zoo: a brief history and look to the future*. *FrogLog*, 127: 21-25

Rödin-Mörch, P. et al. (2025). *A chromosome-level genome assembly of the European green toad (Bufo viridis)*. *G3: Genes, Genomes, Genetics*, 15: jkaf002

Seymour, M. et al. (2025). *Effective Amphibian Conservation Monitoring and Habitat Assessment Using eDNA*. *Environmental DNA*, 7: e70192

Stückler, S. et al. (2025). *Dynamic sexual dichromatism promotes rapid mate recognition in an explosive breeding toad*. *Ichthyology & Herpetology*, 113: 517-526

Tapley, B. et al. (2025). *Attempted predation on an Ailao Moustache Toad (Leptobrachium ailaonicum Yang, Chen, and Ma 1983) by a Mountain Pitviper (Ovophis sp.)*. *Reptiles & Amphibians*, 32: e24088-e24088

To, D.A.T. et al. (2025). *Re-description and dietary ecology of the Hylarana annamitica (Sheridan & Stuart, 2018) (Amphibia: Ranidae) from central Vietnam*. *Biodiversity Data Journal*, 13: e145094

REPTILE TAG

Dittrich, C. et al. (2025). *Ecological and Behavioral Implications of Multiple Paternity in the Smooth-Fronted Caiman in French Guiana*. *Ecology and Evolution*, 15(4), e71337

Do, Q.H. et al. (2025). *Hidden biodiversity on the highest mountain in southern Vietnam: the fourth species of Cyrtodactylus Gray, 1927 (Squamata: Gekkonidae) from Tay Ninh Province*. *Zootaxa*, 5725 (4): 475-495

Do, Q.H. et al. (2025). *A new species of Cyrtodactylus (Squamata, Gekkonidae) from Hon Tre Island in Khanh Hoa Province, Vietnam*. *ZooKeys*, 1253: 195-218

Glaberman, S. et al. (2025). *Do turtles get cancer?* *BioScience* 75 (9): 699-705

Le, L.T.H. et al. (2025). *Unexpected diversity of pricklenape agamas in Vietnam: Another new cryptic species of Acanthosaura Gray 1831 (Reptilia: Agamidae) from the Central Highlands*. *Zootaxa*, 5686(3): 373-392

Luong, A.M. et al. (2025). *New records and an updated checklist of the herpetofauna from Tay Yen Tu Nature Reserve, northeastern Vietnam*. *Biodiversity Data Journal*, 13: e157862

- Luu, V.Q. et al. (2025). *Two more new species of Hemiphyllodactylus Bleeker, 1860 (Squamata: Gekkonidae) from Laos and Vietnam identified using an integrative taxonomic approach*. Zootaxa, 5686(2): 211-238
- Marquis, O. et al. (2025). *Home-range and behaviour of four female Garden Treeboas, Corallus hortulana (Linnaeus, 1758), in French Guiana*. Herpetology Notes, 18: 1127-1137
- Ngo, H.N. et al. (2025). *Slipped through the narrow door: Effects of climate change on the distribution and conservation of a vulnerable tiger gecko, Goniurosaurus luii, from China and Vietnam*. Nature Conservation, 59: 21-41
- Ngo, H.T. et al. (2025). *Introgressive Hybridization and a Natural Barrier: Molecular Analyses Lay Out a Conservation Blueprint for the Critically Endangered Vietnamese Pond Turtle (Mauremys annamensis)*. Diversity, 17(4), 260
- Nguyen, L.T. et al. (2025). *First offshore island record of Mauremys annamensis (Siebenrock, 1903) (Testudines, Geoemydidae) in Vietnam*. Check List, 21(2): 475-479
- Pham, A.V. et al. (2025). *A new skink of the genus Scincella Mittleman, 1950 (Squamata, Scincidae) from Son La Province, northwestern Vietnam*. ZooKeys, 1226: 319-337
- Rauhaus, A. and Ziegler, T. (2025). *Gemeinsam für das Philippinenkrokodil- Ein One-Plan-Approach Projekt zur Erhaltung einer der am stärksten bedrohten Krokodilarten der Welt*. Arbeitsplatz Zoo, 3: 25-31
- Rehák, I. et al. (2025). *Disjunct Northern Populations as Reservoirs of Evolutionary Diversity: Insights from the Aesculapian Snake (Zamenis longissimus)*. Animals, 15(13), 1894: 1-14
- Rösch, M.A. et al. (2025). *Molecular analysis confirms Agama picticauda invasion on Western Indian Ocean islands*. Biological Invasions, 27, 86: 1-9
- Saboyá-Acosta, L. et al. (2025). *Creation of the IUCN Species Survival Commission Gekkota Lizard Specialist Group*. Oryx, 59(3): 284-285
- Scholten, C. et al. (2025). *Gaps in the Protection of the Reptiles of Myanmar—Threat Status, Endemism, Protected Area Coverage, and One Plan Approach Conservation*. Integrative Conservation, 4(2): 165-187
- Schwabe, R.C. et al. (2025). *Agamidae in zoos: assessment of the threat status worldwide and their distribution patterns in zoological collections*. Salamandra, 61(2): 132-144
- Sperling, K. et al. (2025). *Amphibians and Reptiles of Ethiopia—Biogeography, Conservation Priority Areas, and Potentials for “One Plan Approach” Conservation Measures*. Integrative Conservation, 4: 442-463
- Tapley, B. et al. (2025). *Molecular confirmation of the rhino rat snake Rhynchophis boulengeri in southern Vietnam*. Herpetological Bulletin, 173: 43-44
- Thuan, Q.L. et al. (2025). *Profile of snakebite cases admitted to the Poison Control Center of Bach Mai Hospital in northern Vietnam from 2008 to 2020*. Transactions of The Royal Society of Tropical Medicine and Hygiene, 119(11-12)

Ziegler, T. and Manalo, R. (2025). *IUCN's One Plan Approach Philippine Crocodile Conservation Project wins Reverse the Red 2025 Species Pledge Video contest*. WAZA News, 1, 24-26

Ziegler, T. et al. (2025). 'Zoo Species of the Year' conservation campaign 2024. *Responsible Herpetoculture Journal*, 19: 44-53

Ziegler, T. and Rauhaus, A. (2025). *2024 Review of Cologne Zoo's Aquarium/Terrarium*. *Zoo Grapevine & International Zoo News*, 74: 19-22

Ziegler, T. and Zimmermann, M. (2025). *Vietnamazing Progress*. *Zooquaria*, 127: 14-15

PENGUIN TAG

Rossella, S. et al. (2025). *Treatment of avian malaria in captive African penguins (*Spheniscus demersus*) by the combination of atovaquone and proguanil hydrochloride*. *International Journal of Veterinary Science and Medicine*, 13(1): 1-8

PARROT TAG

Jupe, M. et al. (2025). *Doing an amazon job with parrots: factors influencing breeding success in three EEP-managed parrot species*. *Journal of Zoo and Aquarium Research*, 13(4): 233-240

SONGBIRDS TAG

Haukka, A. et al. (2025). *Aesthetic values predict bird trade, but the association varies across product types and trade regions*. *Biological Conservation*, 313, 111572

Jürgens, J. et al. (2025). *Cites Appendix III Matters: Hidden Impacts of Cites Deletion on Global Bird Trade*. *Biological Conservation*, 310, 111365

Lameter, K., Leupen, B. and Jürgens, J. (2025). [*Wild birds traded and kept as pets in the EU – trade dynamics and ongoing concerns*](#). Pro Wildlife, Monitor, Copenhagen Zoo, Germany, Canada, Denmark, Report, 32p

van Oosterhout, C. et al. (2025). *Genome engineering in biodiversity conservation and restoration*. *Nat. Rev. Biodivers.* 1: 543-555

AFRO-EURASIAN MONKEYS TAG

Kavlak, S. et al. (2025). *Vocal Individuality in Adult White-naped Mangabey (*Cercocebus lunulatus*) Males at WAPCA's Endangered Primate Breeding Centre, Ghana*. *African Primates*, 19(1)

GREAT APE TAG

Laméris, D.W. et al. (2025). *Affective responses and behavioral strategies to social fusion events in zoo-housed bonobos*. *Animal Behavior and Cognition*, 12(3): 300-329

EQUID TAG

Dobiášová, B. et al (2025). *Initiation of the Przewalski's horse (*Equus przewalskii*) reintroduction project in Altyn Dala, Kazakhstan*. *Gazella*, 50: 94-113

Novak, B.J. et al (2025). *Endangered Przewalski's horse, Equus przewalskii, cloned from historically cryopreserved cells*. *Animals* , 15(5): 613