

Dr. Le Thi Thuy Duong

I am passionate about amphibian biodiversity and conservation, as well as mentoring students and early-career biologists.

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Ho Chi Minh City, Vietnam

Employment

- **November 2012–Present**: Lecturer, University of Science, Vietnam National University - Ho Chi Minh City, Vietnam
  - Teaching and supervising students in the Department of Ecology and Evolutionary Biology (subjects: General Biology, Evolutionary Biology, Zoology, Animal Ecology)
  - Doing herpetological research program focusing on amphibian biodiversity and conservation
- **November 2008–October 2012**: Assistant Lecturer, University of Science, Vietnam National University-Ho Chi Minh City, Vietnam
  - As above.

Academic qualifications

- **PhD**, University of Science, Vietnam National University-Ho Chi Minh City (2021). "Amphibian community in Bidoup – Nui Ba National Park, Lam Dong province, Vietnam". Supervisors: Jodi Rowley (Australia Museum) & Hoang Duc Huy (University of Science, HCMC).
- **Master of Ecology**, University of Science, Vietnam National University-Ho Chi Minh City (2011). "Effects of environmental variables on amphibian community at three upper streams in Bidoup-Nui Ba National Park". Supervisors: Jodi Rowley (Australia Museum).

Professional affiliations

2009–present

Member, Society for Amphibian and Reptiles in Vietnam

2009–present

Associate in science, Australia Museum, Australia

2009–present

Associate in science, North Carolina Museum of Science, USA

Reviewer

Journals: Herpetological Conservation and Biology, Evolutionary Ecology, Zoological Research

Invited workshop participation

Amphibian Conservation Needs Assessment Workshop (Vietnam, Laos, and Cambodia). Amphibian Ark (World Association of Zoos and Aquariums, IUCN SSC Conservation Breeding Specialist Group & IUCN SSC Amphibian Survival Alliance). Hanoi, Vietnam. 26–30th March 2012.

Selected presentations

1. Le, T.T.D., Tran, D.T.A., & Hoang, D.H. Diet of amphibian community in Bidoup-Nui Ba National Park. 3rnd National Scientific Conference on Herpetology in Vietnam, Ha Noi, November 2016.
2. Le, T.T.D, Tran, D.T.A, Tran, T.N, Pham, M.H. DNA barcoding of tadpoles in Di Linh Plateau. Scientific Conference, University of Science, Ho Chi Minh City. November 2022.
3. Le, T.T.D, Hoang, D.H, Rowley, J.J.L, Preliminary Monitoring of Amphibian Populations at a Montane Site in Vietnam with the Presence of Batrachochytrium dendrobatidis, 8th World Congress of Herpetology, China 2016

Grants & scholarships

1. 2009–2010 **The Nippon Foundation assocciating with The Tokyo Foundation and Nagao Environmental Foundation.** The effects of environmental variables on amphibian composition and abundance at three upper streams in Bidoup-Nui Ba National Park, Lam Dong province, Vietnam
2. 2013–2016 **The United States Agency for International Development (USAID).** Biodiversity and conservation in the Lower Mekong: empowering female herpetologists through capacity building and regional networking
   P.I: Bryan Stuart, North Carolina Museum of Natural Sciences
3. 2014–2016 **Hong Kong Ocean Park Conservation Foundation.** Conservation of the highly threatened Helen's Flying Frog from the lowland forests of Vietnam: Research and Capacity Building.
   P.I. Jodi Rowley, Australia Museum
4. 2015–2017 **Vietnam National University, Ho Chi Minh City.** Tadpoles in Langbian Plateau
5. 2019-2020 **Nagao Environmental Funding Research Grant.** Exploring the amphibian community in Di Linh plateau, Southern Annamite: basic data for amphibian conservation in an unprotected area
6. 2022–2024 **Vietnam National University, Ho Chi Minh City.** DNA barcoding of tadpoles in Di Linh Plateau
7. 2023-2024 **Amphibian Ark's George and Mary Rabb Fellowship.** Estimates of occupancy and habitat preference of the endangered vampire frog (Vampyrius vampryrus) and Vietnam flying frog (Rhacophorus calcaneus)

Journal articles

1. **Le, D. T. T.**, RowLey, J. J., Tran, D. T. A., Vo, T. N., & Hoang, H. D. (2018). Diet composition and overlap in a montane frog community in Vietnam. Herpetological Conservation and Biology, 13(1), 205-215.
2. **Le, D. T. T.**, Rowley, J. J., Tran, D. T. A., & Hoang, H. D. (2020). The diet of a forest-dependent frog species, Odorrana morafkai (Anura: Ranidae), in relation to habitat disturbance. Amphibia-Reptilia, 41(1), 29-41.
3. **Le, D. T. T**, Tran, T. G., Hoang, H. D., & Stuart, B. L. (2021). A new species of Pareas (Squamata, Pareidae) from southern Vietnam. Vertebrate Zoology, 71, 439.
4. **Le, T.T.D**, J.J.L. Rowley, H.D. Hoang (2017) Preliminary monitoring of amphibian populations at a montane site of Vietnam with the presence of Batrachochytrium dendrobatidis, Herpetological Review 48(3): 557-560.
5. **Le, T.T.D.**, Tran, G.T., Le, T.T., Pham, M.H (2023) Tadpoles of Papurana milleti (Amphibia: Anura): molecular identification and morphological description, Research Journal of Biotechnology, 18: 68-73.
6. **Le, T. T. D.** & Rowley J. J. L. (2010) Rhacophorus feae (Thao whipping frog): Defensive behaviour. Herpetological Rew. 41. 35.
7. **Le, T. T. D.** & Tran, T.G. (2022) Species composition of reptiles in Da Huoai district, Di Linh plateau, Lam Dong province. Journal of Forestry Science and Technology. 14. 14-20
8. Stuart, B. L., Som, H. E., Neang, T., Hoang, H. D., **Le, D. T. T.**, Dau, V. Q., ... & Rowley, J. J. (2020). Integrative taxonomic analysis reveals a new species of Leptobrachium (Anura: Megophryidae) from north-eastern Cambodia and central Vietnam. Journal of Natural History, 54(1-4), 225-255.
9. Rowley, J. J. L., **Le, T. T. D.**, Tran, T. A. D., Stuart, B. L., & Hoang, D. H. (2010) A new tree frog of the genus Rhacophorus (Anura: Rhacophoridae) from southern Vietnam, Zootaxa, 2727, 45-55.

Journal articles (continue)

10. Rowley, J. J. L., Hoang, D. H., **Le, T. T. D.**, Dau, Q. V., & Cao, T. T. (2010) A new species of Leptolalax (Anura: Megophryidae) from Vietnam and further information on Leptolalax tuberosus, Zootaxa, 2660, 33-45.
11. Stuart, B. L. S., Rowley, J. J. L., Tran, T. A. D., **Le, T. T. D.**, & Hoang, D. H. (2011) The Leptobrachium (Anura: Megophryidae) of the Langbian Plateau, southern Vietnam, with description of a new species, Zootaxa, 2804, 25-40.
12. Swei, A., Rowley,., **Le, T. T. D.**, Sivongxay, N., Tran, T. A. D., Tunstall, T. S., Vieites, D., Vredenburg, V. T. (2011) Is chytridiomycosis an Emerging Infectious Disease in Asia? PLoS ONE 6(8): e23179.
13. Rowley J. J. L., **Le, T.T.D.**, D. T. A. Tran and H. D. Hoang (2011) A new species of Leptolalax (Anura: Megophryidae) from southern Vietnam. Zootaxa. 2796: 15–28.
14. Rowley, J. J. L., **Le, T. T. D.**, Hoang, D. H., Dau, Q. V., & Cao, T. T (2011) Two new species of Theloderma (Anura: Rhacophoridae) from Vietnam, Zootaxa 3098: 1-20.
15. Rowley, J. J. L, Tran.T.A.D., Huy,D.H., and **Le,T.T.D** (2012) A New Species of Large Flying Frog (Rhacophoridae: Rhacophorus) from Lowland Forests in Southern Vietnam. Journal of Herpetology, 46(4):480-487
16. Rowley, J. J. L., Tran, T. A. D., **Le, T. T. D**, Hoang, D. H., & Altig, R. (2012) The strangest tadpole: the oophagous, tree-hole dweelling tadpole of Rhacophorus vampyrus (Anura: Rhacophoridae) from Vietnam, Journal of Natural History, 46(47-48), 2969-2978.
17. Rowley, J.J.L., Huy, D.H., Dau, Q.V., **Le,T.T.D.** and C.T. Trung (2012) A new species of Leptolalax (Anura: Megophryidae) from central Vietnam. Zootaxa 3321:56-68
18. Rowley, J. J. L., Hoang, D. H., **Le, T. T. D.**, Dau, Q. V., Neang, T. & Cao, T. T. (2013) Low prevalence or apparent absent of Batrachochytrium dendrobatidis infection in amphibians from sites in Vietnam and Cambodia, Herpetological Review 44(3): 466-469.
19. Strautins, E., **Le, T.T.D**, Dau, Q. V., Hoang, D. H., Rowley, J.J.L (2014) Leptobrachium pullum (Vietnam spadefoot toad): eye coloration, Herpetological Review 45(3): 477-478
20. Rowley, J. J. L., **Le, T. T. D.**, Hoang, D. H., Altig, R. (2014) The breeding behaviour, advertisement calls and tadpoles of Limnonectes dabanus (Anura: Dicroglossidae), Zootaxa 3881(2): 195-200
21. Nikolay P, Anna BV, Nikolai O, Eduard AG, Tran TAD, **Le, T.T.D**, Valentina DK, Peter G. (2014) Taxonomy and distribution of narrow-mouth frogs of the genus Microhyla Tschudi 1838 (Anura: Microhylidae) from Vietnam with decriptions of five new species, Russian Journal of Herpetology 21(2): 89-148.
22. Rowley, Jodi JL, Dao TA Tran, Greta J. Frankham, Anthony H. Dekker, **Duong TT Le**, Truong Q. Nguyen, Vinh Q. Dau, and Huy D. Hoang. "Undiagnosed cryptic diversity in small, microendemic frogs (Leptolalax) from the Central Highlands of Vietnam." PloS one 10, no. 5 (2015): e0128382.
23. Rowley, Jodi JL, Dao TA Tran, **Duong TT Le**, VINH Q. Dau, Pedro LV Peloso, TRUONG Q. Nguyen, Huy D. Hoang, Tao T. Nguyen, and Thomas Ziegler. "Five new, microendemic Asian Leaf-litter Frogs (Leptolalax) from the southern Annamite mountains, Vietnam." Zootaxa 4085, no. 1 (2016): 63-102.
24. Rowley, J., Dau, V. Q., Hoang, H. D., Nguyen, T. T., **Le, D. T. T.**, & Altig, R. (2015). The breeding biologies of three species of treefrogs with hyperextended vocal repertoires (Gracixalus; Anura: Rhacophoridae). Amphibia-Reptilia, 36(3), 277-285.
25. Rowley, J. J. L., Dau, Q. V, Hoang, D. H., **Le, T. T. D.**, A new species of Leptolalax (Anura: Megophryidae) from northern Vietnam, Zootaxa 4243(3): 544-564.
26. Hoang, D.H & **Le, T.T.D** (2012) Restarting amphibian studies in southern Vietnam, FrogLog 104: 26-27.