

Jayaditya Purkayastha

ORGANISATIONAL ASSOCIATIONS

- General Secretary, Help Earth- A society for promotion of science and conservation of biodiversity, Guwahati
- Research Lab, Herpetological Lab, Zoology Dept., Arya Vidyapeeth College, Guwahati
- Molecular Toxinology Laboratory, Department of Molecular Biology and Biotechnology, Tezpur University
- Amphibian Network of South Asia

SEMINAR/ WORKSHOP ATTENDED/AWARDS

- In- Service training for Mathematics/ Science teacher, Don Bosco Institute, Guwahati, 2006
- Innovative teaching Workshop, Maria's Public school, 2007
- National symposium on advances in zoology: Faunal diversity and ecophysiology, North East Hill University, 2008 (3rd best presentation award)
- 19th All India Congress of Zoology: National seminar on Biodiversity & Human Welfare”, Gauhati University, 2008
- National Seminar, Current research in herpetology. North Orissa University, 2009
- Workshop on prioritization of Amphibian and Reptilian Species for conservation breeding, North Orissa University, 2009
- National Seminar on Biodiversity spectrum of Northeast India, Arya Vidyapeeth College, 2009.
- SERC, 3rd School in herpetology, Don Bosco Institute, Guwahati, 2- 17 November 2009
- Workshop on capacity building in effective management of Intellectual Property Rights in Bio-technology by universities and research institutes in Assam, 2014
- Building Conservation Leadership Capacity organised by Conservation Leadership Programme, Kerala, India, 9-12 April, 2015.

PUBLICATIONS

Research Articles

1. **Purkayastha, J.**, Das, M. (2009): *Hemidactylus flaviviridis* (yellow-green house gecko), from Assam, India. *Herpetological Review*. 40 (4): 451-452.
2. **Purkayastha, J.**, Das, M., Sengupta, S., Dutta, S.K. (2010): Notes on *Xenochrophis schnurrenbergeri* Kramer 1977 (Serpentes: Colubridae) from Assam, India with some comments on its morphology and distribution". *Herpetology Notes*. 3: 175-180.
3. Das, A., Mahapatra, P.P., **Purkayastha, J.**, Sengupta,S., Dutta, S.K., Ahmed, M.F., Tillack, F. A (2010): Contributions to *Boiga gokool*. *Russian Journal of Herpetology*. 17(3):161-178.
4. **Purkayastha, J.**, Das, M, Bauer, A.M., Sengupta, S., Dutta, S.K. (2010): Notes on the *Hemidactylus bowringii* complex (Reptilia: Gekkonidae) in India and a change to the national herpetofaunal list. *Hamadryad* .Vol. 35, No. 1, pp. 20 – 27.
5. **Purkayastha, J.**, Das, M. (2010): *Sphenomorphus maculatus* (Sauria: Scincidae): A Case Of Death Feigning . *Herpetology Notes*. 3: 285-287.
6. **Purkayastha, J.**, Das, A. (2010): *Cnemaspis assamensis* (Assamese Day Gecko) from Meghalaya, India. *Herpetological Review*. 41 (4): 511-512.
7. **Purkayastha, J.**, Das, M. (2011): *Cnemaspis assamensis* (Assamese Day Gecko) Habitat. *Herpetological Review*. 42 (1): 93.
8. Das, M., **Purkayastha, J.**, Bauer, A.M., Sengupta, S. (2011): *Hemidactylus flaviviridis* an invasive gecko in Assam. *Northwestern Journal of Zoology*. Volume 7(1): 98-104.
9. Sourav, M.S.H., **Purkayastha, J.** (2011): *Euphlyctis hexadactylus* from Dhaka, Bangladesh (Indian Five-fingered Frog). *Herpetological Review*. 42 (1): 107.
10. **Purkayastha, J.**, Majumdar, S., Acharjee, B. (2011): *Hemidactylus flaviviridis* (yellow-green house gecko), from Nagaland, India. *Herpetological Review*. 42(2): 240.
11. **Purkayastha, J.**, Das, M., Sengupta, S. (2011): Urban herpetofauna: A case study in Guwahati city of Assam, India. *Herpetology Notes* 4: 195-202.

12. Sourav, M.S.H., **Purkayastha, J.** (2011): A locality record of *Xenochrophis cerasogaster* (Serpentes: Colubridae) from Bangladesh. Check List. 7(3): 352-353.
13. Das, M, Brahma, R.K., **Purkayastha, J.** (2011): More in our mind than in their mouth? A preliminary inspection inside the oral cavity of two house Geckos: *Hemidactylus frenatus* Schlegel, 1836 and *Hemidactylus aquilonius* McMahan & Zug, 2007. Herpetology Notes (4) 303-306.
14. **Purkayastha, J.**, Sourav, M.S.H. (2011): Natural History: *Hemidactylus frenatus* (Common house gecko) predated on Spider. Herpetological Review. 42(4): 603-604.
15. **Purkayastha, J.**, Matsui, M. (2012): A New Species of Fejervarya (Anura: Dicroglossidae) from Northeastern India. Asian Journal of Herpetological Research. 3(1) 31-37.
16. Sharma, V., **Purkayastha, J.** (2012): *Oligodon arnensis* (Common kukri snake) predation. Herpetological Review. 43(1) 150.
17. Das, M., **Purkayastha, J.** (2012) An insight into hemipenial morphology of five *Hemidactylus* Oken, 1817 (Reptilia: Gekkonidae) species of Guwahati, Assam, India. 36(1) 32-37
18. **Purkayastha, J.**, Purkayastha, A. (2012) A case of White-breasted Kingfisher (*Halcyon smyrnensis*) Preying on a Gecko (*Hemidactylus aquilonius*). *Asian Journal of Conservation Biology* Vol. 1 No. 1, pp.45-46.
19. **Purkayastha, J.**, Hassan, M.A., Islam, H., Das, J., Sarma, M., Basumatary, M., Sarma, N., Chatterjee, N., Singha, S., Nair, V., Purkayastha, A., Dutta, J., Das, M. (2013): Turtles of the Temple Pond of Kamakhya, Assam, India. Reptilerap 15: 11-15
20. **Purkayastha, J.** (2012): On identity of snakes: a guide for common man TSI Newsletter, Toxinological Society of India 2(2): 16-21
21. **Purkayastha, J.**, Das, M., Vogel, G., Bhattacharjee, P.C., Sengupta, S. (2013): Comments on *Xenochrophis cerasogaster* (Cantor 1839) (Serpentes: Natricidae) with remarks on its natural history and distribution 36(2): 149-156
22. Borah, M.M., Bordoloi, S., **Purkayastha, J.**, Das, M., Dubois, A., Ohler, A. (2013): *Limnonectes* (Taylorana) *medogensis* (FeI, Ye & HuaNg, 1997) from arunachal

Pradesh (India), and on the identity of some diminutive ranoid frogs (anura: microglossidae, occidozygidae) HerPetoZoa 26 (1/2): 39-48

23. Das, M., Bhattacharjee, P.C., Biswa, B., **Purkayastha, J.** (2014): Effect of light and dark phase on dorsum colour and pattern in *Hemidactylus* sp. of Assam. Northeast Journal of Contemporary Research 1(1): 1-7
24. Alley, L., Sengupta, S., **Purkayastha, J.** (2014): *Nanorana gammii* (Gammii Frog) from Sikkim, India. Herpetological Review. 45 (3): 485
25. Chaudhuri, A., **Purkayastha, J.** (2015): *Lissemys punctate vittata* (Indian Flapshell) clutch size. Herpetological Review. 46 (1): 83
26. Das, M., Bhattacharjee, P.C., **Purkayastha, J.** Range extension of *Hemidactylus aquilonius* (Sauria: Gekkonidae) in north-eastern India with notes on its distribution, Hamadryad (accepted to be published in July, 2015 issue)
27. Chaudhuri, A., Sharma, V. **Purkayastha, J.** *Lycodon odishii*, a junior synonym of *Lycodon jara*, with notes on morphological variation in this species (Squamata, Colubridae). Hamadryad (accepted to be published in July, 2015 issue)

Books

1. **Purkayastha, J.** (2012): Urban Herpetofauna, Amphibian and Reptiles of Guwahati, a pictorial guide. Students' store, Guwahati. 64pp
2. Sengupta, S., Borthakur, R., Bhuyan, C.C., Paul, S., Gogoi, **J., Purkayastha, J.** (2012): Biodiversity Spectrum of North East India Proceedings of the National Seminar 2012 Department of Zoology Arya Vidyapeeth College.
3. **Purkayastha, J.** (2013): An Amateur's guide to the Reptiles of Assam. EBH Publisher. 146pp
4. **Purkayastha, J.** (2015): An amateur's guide to birds of Assam, EBH Publisher, Guwahati. 144 pp.
5. **Purkayastha, J.,** Das, I., Sengupta, S. (2015): Freshwater turtles and tortoises of south Asia. Bhabani Books, Guwahati. 148 pp

Journal Responsibility: Assistant Editor (Asian Journal of Conservation Biology); Reviewer (Reptilerap, Frogleg, Journal of Threatened Taxa)

Some popular articles

1. Nature's unsung heroes. Envis News Letter, Nagaland. 2009.
2. Snake Charm: Horizon, The Assam Tribune. 2009
3. Urban Wildlife: Horizon, The Assam Tribune. 2009
4. Just not burning bright (Tiger): Horizon, The Assam Tribune. 2009
5. Myths and Truths (animal): Horizon, The Assam Tribune. 2010
6. Amphibians the overlooked heroes: Reflexon, 2010
7. Lizard's world, Horizon, The Assam Tribune. 2010
8. Save The Gharial: Horizon, The Assam Tribune. 2010
9. Amidst the Wildernss, Melange, The Sentinal, 2011
10. End of Man?: Horizon, The Assam Tribune, 2011
11. Ugly face of Terror: Horizon, The Assam Tribune, 2011
12. Sohure Bonno Jibon (Bengali), Shangbad Lahari, 2011
13. Shaper shombondhe (Bengali), Shangbad Lahari, 2011
14. A Marvel in the Making, The Assam Tribune, 2011
15. Human Beings: On way to extinction?, Science Reporter, May issue, 2012
16. Fang Facts. The Assam Tribune, 2012
17. Is it taxonomy: Science Reporter, June, 2014
18. Creatures of antiquity (turtles). The Assam Tribune, Guwahat (5th July Edition)

Work Experience:

- Served as Teacher of Biology in South Point School, Guwahati from March, 2006-December, 2013

Grants

1. Principal Investigator: Rufford Small Grants Foundation Project titled “Showcasing Urban Herpetofauna: A Conservational Effort through Community Participation” (Completed)

http://www.rufford.org/rsg/projects/jayaditya_purkayastha
2. Principal Investigator: Rufford Small Grants Foundation Project titled Herpetofauna-Urban and beyond: A conservational effort (Completed)
http://www.rufford.org/projects/jayaditya_purkayastha
3. Principal Investigator: Mohamed bin Zayed Species Conservation Fund - Project 12054329 on Turtle conservation(Completed)

<http://www.speciesconservation.org/case-studies-projects/assam-roofed-turtle/4329>
4. Associated with project “Biochemical, Pharmacological and Molecular Characterization of Venoms of Cobras and Kraits from North East India. (Dept. of BioTechnology, Ministry of Science and Technology, Govt. Of India)”

<http://www.tezu.ernet.in/dmbbt/>
5. Principal Investigator: Idea Wild-Showcasing urban birds of Guwahati to Conserve Green Patches within the city. (Completed)

<http://www.ideawild.org/>
6. Principal Investigator: Rufford Small Grants Foundation Project titled Urban Wildlife, Herpetofauna and Beyond: A Conservation Effort for our Fast Vanishing Neighbours. (Completed)

http://www.rufford.org/projects/jayaditya_purkayastha_0
7. Principal Investigator: Oriental Bird Club project titled Deorbeel Beckons: Conserving avian habitat of Deorbeel through organized study and community participation