

List of Publications by the CDZ Faculty in 2024

1. Adhikari, J.N., Bhattarai, B.P., Baral, S., & Thapa, T.B. (2024). Landscape-level habitat connectivity of large mammals in Chitwan Annapurna Landscape, Nepal. *Ecology and Evolution*. 14(8):e70087. <https://doi.org/10.1002/ece3.70087>.
2. Adhikari, J.N., Bhattarai, B.P., & Thapa, T.B. (2024). Correlates and impacts of human-mammal conflict in the central part of Chitwan Annapurna Landscape, Nepal. *Heliyon*. 2024 Feb 16;10(4):e26386. <https://doi.org/10.1016/j.heliyon.2024.e26386>.
3. Ali, A., Khanal, L., López-Bao, J. V., & Kyes, R. C. (2024). Photographic evidence of the Kashmir grey langur *Semnopithecus ajax* in Pakistan warrants detailed taxonomic assessment of langurs across the Himalayas. *Asian Primates Journal*, 11(1):2-10.
4. Arima, H., Nishimura, T., Koirala, S., Nakano, M., Ito, H., Ichikawa, T., Pandey, K., Pandey, B.D., & Yamamoto, T (2024). Sex differences in genotype frequency and the risk of polycythemia associated with rs13419896 and rs2790859 among Tibetan highlanders living in Tsarang, Mustang, Nepal. *Journal of Physiology and Anthropology*. 43(1):25. <https://doi.org/10.1186/s40101-024-00372-5>.
5. Baral, K., Bhandari, S., Adhikari, B., Kunwar, R.M., Sharma, H.P., Aryal, A. and Ji, W. (2024). Prey selection by leopards (*Panthera pardus fusca*) in the mid-hill region of Nepal. *Ecology and Evolution*, 14(2), p.e10924. <https://doi.org/10.1002/ece3.10924>
6. Bharati, N., Dumre, S.P., Shah, Y., Nabesima, T., Dhimal, M., Pandey, S., Kapandji, M., Takamatsu, Y., Urano, T., Pandey, B.D., Morita, K., Ngwe Tun, M.M., & Pandey K. Circulating serotypes and genotypes of dengue virus during the 2023 outbreak in Eastern Nepal. *Journal of Clinical Virology*. 105721. <https://doi.org/10.1016/j.jcv.2024.105721>.
7. Bhattarai, B., Adhikari, D., Adhikari, J. N., & Bhattarai, B. P. (2024). Effects of invasive alien plants and habitat structure on bird assemblages in a unique lowland forest in eastern Nepal. *Ornis Hungarica*, 32(2), 1-25. <https://dx.doi.org/10.2478/orhu-2024-0019>
8. Dahal, D.R., Thapa, S., & Singh, N.B. (2024). Responses of insectivorous bats to climate change in Nepal. *Journal of Zoology* 323 (1), 29-44. <https://doi.org/10.1111/jzo.13159>
9. Dahal, D.R., Thapa, S., Singh, N.B. (2024). Species diversity and elevational distribution of bats in Nepal. *Acta Chiropterologica* 26 (1), 101-111. <https://doi.org/10.3161/15081109ACC2024.26.1.009>
10. Dhakal, P., Dhakal, M., Dhakal, D., Shakya, P., Singh, B., Gupta Kalwar, R., Shahi, R., Pandey, S., Niraula, D., Karki, A., Mahato, M.K., Tamang, S., Chhetri, B., Thapa, M., Parajuli, R., Subedi, J.R., Pandey, K., Maharjan, M., & Parajuli RP. (2024). Prevalence of intestinal parasites in humans and domestic animals in Jirel community, Dolakha, Nepal. *Journal of Family Medicine and Primary Care*. 13(8):3408-3414. https://doi.org/10.4103/jfmpc.jfmpc_197_24.
11. Gautam J., Parajuli, R.P.P., & Pandey K. (2024). Prevalence and associated factors of intestinal parasitic infections in the Badi indigenous communities of Western Nepal. *Journal of Health Population and Nutrition*. 43(1):211. <https://doi.org/10.1186/s41043-024-00694-1>.

12. Gautam, R., Baral, N. and Sharma, H.P. (2024). Preference of trees for nest building by critically endangered white-rumped vultures (*Gyps bengalensis*) in Nepal. *Ecology and Evolution*, 14(3), p.e11175. <https://doi.org/10.1002/ece3.11175>
13. Hyongaju, S., Subba, A., Maharjan, M., Khanal, L.* (2024). Roost characteristics of Indian flying fox along urban noise gradient: A case study in Sallaghari Forest, Kathmandu Valley, Nepal. *Ecocycles*, 10(1):105–114. <https://doi.org/10.19040/ecocycles.v10i1.439>
14. Katuwal, H.B., Bhattarai, B.P., Regmi, S.,Sharma, H.P., Quan, R—C., 2025. Leopard occupancy correlates with tiger and prey occurrences in the Parsa-Koshi Complex, Nepal. *Journal of Zoology*. <https://doi.org/10.1111/jzo.13251>
15. Katuwal, H.B., Sharma, H.P., Rokka, P., Das, N.K. and Quan, R.C. (2024). Knowledge, attitudes, and conservation challenges for the Lesser Adjutant in Nepal. *Global Ecology and Conservation*, 49, p.e02795. <https://doi.org/10.1016/j.gecco.2023.e02795>
16. Khanal, L.*, Subba, A., Chand, B., Singh, G. B., Thapa, B., & Chalise, M. K. (2024). Distribution records of Assamese macaques (*Macaca assamensis pelops*) from the Bheri River Basin in western Nepal. *Nepalese Journal of Zoology*, 8(1):86-91. <https://doi.org/10.3126/njz.v8i1.67114>
17. Khanal, L.*; Li, X.; Subba, A.; Ulak, S.; Kyes, R.C.; Jiang, X.-L. (2024). Phylogeography of the *Sinica* Group of Macaques in the Himalayas: Taxonomic and Evolutionary Implications. *Biology*, 13:795. <https://doi.org/10.3390/biology13100795>
18. Limbu, A., Thapa, A., Khanal, L.*, Gurung, S., Cruz, N. J., & Thapa, T. B. (2024). Habitat characteristics of the endangered Himalayan red panda in Panchthar–Ilam–Taplejung Corridor, Eastern Nepal. *Ecologies*, 5(3):342-353. <https://doi.org/10.3390/ecologies5030021>
19. Limbu, J. H., Rajbanshi, D., Khanal, L.*, & Adhikari, R. C. (2024). First record of *Garra kempfi* Hora, 1921 (Cypriniformes: Cyprinidae) from Lohandra River of Nepal. *Journal of Threatened Taxa*, 16(6):25440–25445. <https://doi.org/10.11609/jott.2024.16.6.25283-25494>
20. Limbu, J. H., Rajbanshi, D., Khanal, L., Hui, W., Adhikari, R. C., Thapa, S., . . . Li, C. (2024). DNA barcoding of catfishes (Order: Siluriformes) with new records of two species from eastern Nepal. *Journal of Applied Ichthyology*, 2024(1):907672. <https://doi.org/10.1155/2024/4907672>
21. Limbu, J., Rajbanshi, D., Subba, A., Khanal, L., Yang, J.-Q., & Li, C. (2024). First record of the non-native vermiculated sailfin catfish *Pterygoplichthys disjunctivus* (Weber, 1991) from Lohandra River, Eastern Nepal. *BioInvasions Records*, 13(2):557-564. <https://doi.org/10.3391/bir.2024.13.2.20>
22. Luu, M.N., Imoto, A., Matsuo, Y., Huy, N.T.,..... Bhattachan, P.G., Dumre, R.B., Pandey, K., Yamashita, S., Seposo, A.K.C., Zabala, J., Riva-Moscoso, A., Ordóñez, J.N.P., Uitrakul, S., Principe-Meneses, F.S., & Dila, K.A.S. (2024). Anxiety and its risk factors among non-Japanese residents living in Japan undergoing COVID-19 situation: A cross-sectional survey. *PLoS One*. 19(3):e0280144. <https://doi.org/10.1371/journal.pone.0280144>
23. Magar, Y.G., Pant, B., Regmi, S., Katuwal, H.B., Belant, J.L. & Sharma, H.P. (2024). Economic effects of wild boar damage to crops in protected areas of Nepal. *Global Ecology and Conservation*, p.e03301. <https://doi.org/10.1016/j.gecco.2024.e03301>
24. Mehta, P.K., & Maharjan, M. (2024). Assessment of microfilaremia in 'hotspots' of four lymphatic filariasis endemic districts of Nepal during post-MDA surveillance. *PLoS Neglected Tropical Disease*. 18(1):e0011932. doi: 10.1371/journal.pntd.0011932.

25. Mehta, P.K., & Maharjan, M. (2024). Entomological assessment in 'hotspots' of four lymphatic filariasis endemic districts, Central Nepal during post-MDA surveillance. *Journal of Vector Borne Disease*. 61(1):136-142. <https://doi.org/10.4103/0972-9062.392252>.
26. Mweu, A. W., Onditi, K. O., Khanal, L., Musila, S., Kioko, E., & Jiang, X. (2024). Comparative Phylogeography of Two Specialist Rodents in Forest Fragments in Kenya. *Life*, 14(11):1469. <https://doi.org/10.3390/life14111469>
27. Nepali, A., Katuwal, H.B., KC, S., Regmi, S. and Sharma, H.P. (2024). Flight initiation distance and bird tolerance to humans in rural and urban habitats. *Royal Society Open Science*, 11(10), p.240332. <https://doi.org/10.1098/rsos.240332>
28. Ogawa, H., Khatiwada, S., Paudel, P. K., Koirala, S., Khanal, L., & Chalise, M. K. (2024). Distribution and group composition of Assamese and rhesus macaques in northwestern Kathmandu, Nepal. *Mammal Study*, 49(3):1-9, 9. <https://doi.org/10.3106/ms2023-0061>
29. Pandey, S.T., Gautam, R. and Sharma, H.P. (2024). Community perspectives on sustaining a Vulture Safe Feeding Site. *Global Ecology and Conservation*, p.e03332. <https://doi.org/10.1016/j.gecco.2024.e03332>
30. Pant, S.R., Bhattarai, B.P., Baral, H.S., & Thapa, T.B. (2024). Diversity, Species Richness, and Community Composition of Wetland Birds in the Lowlands of Western Nepal. *Ecology and Evolution*. 14(12):e70538. <https://doi.org/10.1002/ece3.70538>.
31. Pei, X., Chen, Z., Li, Q., Li, X., Pu, C., Luo, K., Luo, J., Pu, M., Wang, H, Khanal, L., & Jiang, X. (2024). A new species of the genus *Soriculus* (Soricidae, Eulipotyphla, Mammalia) from Medog in the eastern Himalaya. *ZooKeys* 1195:139-155. <https://doi.org/10.3897/zookeys.1195.115699>
32. Prajapati, S., Subedi, J. R., & Ghimire, T. (2024). Intestinal parasites in goats (*Capra hircus* Linnaeus, 1758) in Bhaktapur, Nepal. *Annals of Parasitology*, 70(1), 23–34. <https://doi.org/10.17420/ap7001.518>
33. Rimal, S., Shrestha, S., Paudel, S.W., Shah, Y., Bhandari, G., Pandey, K., Kharbuja, A., Kapandji, M., Gautam, I., Bhujel, R., Takamatsu, Y., Bhandari, R., Klungthong, C., Shrestha, S.K., Fernandez, S., Malavige, G.N., Pandey, B.D., Urano, T., Morita, K., Ngwe Tun, M.M., & Dumre S.P. (2024). Molecular and Entomological Characterization of 2023 Dengue Outbreak in Dhading District, Central Nepal. *Viruses*. 16(4):594. <https://doi.org/10.3390/v16040594>.
34. Sabin, KC., Regmi, S., Pant, B., Nepali, A., Katuwal, H.B. and Sharma, H.P. (2024). Factors influencing Chinese pangolin (*Manis pentadactyla*) burrow selection in the Chandragiri-Champadevi hills of Kathmandu Valley, Nepal. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2024.e25774>
35. Sharma, H.P., Bhattarai, B.P., Regmi, S., Bhandari, S., et al. (2024). Occurrence and temporal overlap of sympatric jungle cats and leopard cats in Parsa–Koshi Complex, Nepal. *Scientific Reports*, 2387. <https://doi.org/10.1038/s41598-024-52644-w>
36. Sharma, H.P., Katuwal, H.B., Regmi, S., Suwal, R.N., Acharya, R., Nepali, A., KC, S., Aryal, B., Tamang, K., Rawal, B. and Basnet, A. (2024). Population and conservation threats to the vulnerable Sarus crane *Grus antigone* in Nepal. *Ecology and Evolution*, 14(2), p.e10929. <https://doi.org/10.1002/ece3.10929>
37. Sharma, N., Subedi, J. R., Thapa, M., & Pandey, K. (2024). Intestinal helminth parasites of *Felis catus* in Syangja, Nepal. *Journal of Animal Science and Veterinary Medicine*, 9(1), 1-6.

38. Shrestha, B.B., Chaudhary, T., Shrestha, U.B., Devkota, A. & Sharma, H.P. (2025). To what extent are Nepal's protected areas protected from plant invasions: an analysis of threats. *Biological Invasions*. <https://doi.org/10.1007/s10530-024-03495-z>
39. Shrestha, S., Sharma, S., Kyes, R. C., & Khanal, L.* (2024). Comparative analysis of mother–infant interactions between free-ranging and captive rhesus macaques in Kathmandu, Nepal. *Journal of Animal Behaviour and Biometeorology* 12:e2024011. <https://doi.org/10.31893/jabb.2024011>
40. Subba, A. and Khanal, L. (2024). Threats to the Critically Endangered yellow-headed tortoise *Indotestudo elongata* in Jalthal Forest, eastern lowland Nepal. *Oryx* 58(1): 129-132. <https://doi.org/10.1017/s0030605323001308>.
41. Subba, A., Limbu, J. H., & Khanal, L.* (2024). New distribution record and habitat characteristics of stinging catfish (*Heteropneustes nani* Hossain, Sarker, Sharifuzzaman and Chowdhury, 2013) from Nepal. *Punjab University Journal of Zoology*, 39(1):15-20. <https://doi.org/10.17582/journal.pujz/2024/39.1.15.20>
42. Subba, A., Tamang, G., Lama, S., Limbu, J. H., Basnet, N., Kyes, R. C., & Khanal, L.* (2024). Habitat Occupancy of the Critically Endangered Chinese Pangolin (*Manis pentadactyla*) Under Human Disturbance in an Urban Environment: Implications for Conservation. *Ecology and Evolution*, 14(12):e70726. <https://doi.org/10.1002/ece3.70726>
43. Subedi, B., Regmi, S., Bhattarai, B., Katuwal, H., Ram, A.K., Belant, J.L. and Sharma, H.P., (2024). Farmland increases Indian Crested Porcupine occupancy in Parsa-Koshi Complex, Nepal. *PloS One*. <https://doi.org/10.1371/journal.pone.0315307>
44. Tachibana, H., Pandey, K., Yoshida, N., Kakino, A., Imai, T., Feng, M., Makiuchi, T., Kobayashi, S., Chalise, M., & Pandey BD. (2024). Survey of Entamoeba infections in schoolchildren and macaques in Kathmandu, Nepal, and analysis of genetic polymorphisms of Entamoeba nuttalli and Entamoeba dispar isolates. *Acta Trop.* 258:107340. <https://doi.org/10.1016/j.actatropica.2024.107340>.
45. Tamang, G., Katuwal, H.B., Subba, A., & Singh, N.B. (2024). Nutritional dynamics in early development of Asian openbill: A study of hatchling and nestling feeding patterns. *Ecology Frontiers* 44 (4), 726-732. <https://doi.org/10.1016/j.ecofro.2024.03.005>
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47. Thapa, B., Khanal, L.*, Pant, R.R., Bhatta, C.R., Subedi, P., Upadhyaya, L.P., . . . Kyes, R.C. (2024). Hydrochemistry and irrigation quality of high-altitude lakes: A case study of the Ramaroshan Lake Complex, Nepal Himalayas. *Limnological Reviews* 24(1): 30-52. <https://www.mdpi.com/2300-7575/24/1/3>
48. Timberlake, T.P., Cirtwill, A.R., Sapkota, S., Bhusal, D.R., Devkota, K., Karki, R., Joshi, D., Saville, N, Korsch S., Baras S., Roslin T., Memmmott, J. (2024). Agricultural specialization increases the vulnerability of pollination services for smallholder farmers. *Applied Ecology* 61 (9), 2123-2134. <https://doi.org/10.1111/1365-2664.14732>
49. Timsina, B., Münzbergová, Z., Kindlmann, P., Bhattarai, B. P., Shrestha, B., Raskoti, B. B., & Rokaya, M. B. (2024). Associations between Epiphytic Orchids and Their Hosts and Future

Perspectives of These in the Context of Global Warming. *Diversity*, 16(4), 252. <https://doi.org/10.3390/d16040252>

50. Tiwari, P., Bhattarai, B. P., Adhikari, J. N., & Bhattarai, B. (2024). Patterns, Causes and Perceptions of Human-Large Carnivore Conflict in the Chitwan National Park, Nepal. *Journal of Resources and Ecology*, 15(4), 838-849. <https://doi.org/10.5814/j.issn.1674-764x.2024.04.005>
51. Wang, S.-Y., Li, Y.-X., Li, Q., Song, W.-Y., Wang, H.-J., He, S.-W., Onditi, K.O., Khanal, L., Xueyou, L., Chen, Z.Z. & Jiang, X.-L. (2024). A new species of mountain vole (Rodentia, Cricetidae, *Neodon*) from south Xizang, China. *Zoological Research: Diversity and Conservation*, 1(4):282-289. <https://doi.org/10.24272/j.issn.2097-3772.2024.011>