

Curriculum Vitae

Dr. Gaurav Sharma, Scientist-E

1. **Correspondence address:** Zoological Survey of India (Ministry of Environment, Forest and Climate Change, Government of India), Northern Regional Centre, Kaulagarh Road, Dehradun, Uttarakhand, India. PIN-248195.
2. **E-mail (s)** : drgaurav.sharma@gov.in
3. **Institution/affiliation** : Zoological Survey of India (MoEFCC).
4. **Date of Birth** : 19th June, 1976.
5. **Gender/Nationality** : Male/ Indian.
6. **Category** : General.
7. **Academic Qualification (Undergraduate Onwards):**



Sr. No.	Exam Passed	Board/Univ.	Year of Passing	% of marks (Division)
1.	B.Sc.	H.P. Univ., Shimla.	1996	69.87% (First)
2.	M.Sc. Zoology	Kurukshetra Univ., Haryana	1998	69.20% (First)
3.	P.G.D. in Plantation Technology	Forest Research Institute (D.U.), Dehra Dun, U.K.	2000	71.55% (First)

8. Ph.D. thesis title, Guide's Name, Institute/Organization/ University, Year of Award:

Title of Ph.D. thesis: *Studies on the species diversity and reproductive behaviour of some species of Odonata of Dholbaha Dam (Distt. Hoshiarpur) in Punjab Shivalik (Punjab: India).*

Institute/Organization/University: Zoological Survey of India, Dehra Dun and Dept. of Zoology & Environ. Sciences, G.K. University, Haridwar, Uttarakhand.

Supervisor: Prof. P.C. Joshi, Dept. of Zoology & Environ. Sciences, G.K. University, Haridwar, Uttarakhand.

Co-supervisor: Dr. Arun Kumar, Former Scientist-F, Zoological Survey of India, Dehra Dun.

Year of Award: 2006.

9. Works Experience (in chronological order):

S. No.	Positions held	Name of the Institute	Period		Assignments
			from	to	
1.	Scientist-E	Zoological Survey of India, NRC, (MoEFCC), Dehradun, U.K.	20 th Feb., 2019	continue	Departmental faunal diversity/inventorization of Delhi, Uttarakhand, U.P., Haryana, Punjab and Chandigarh.
2.	Scientist-D	Zoological Survey of India, HARC, (MoEFCC), Solan, H.P.	27 th Oct., 2016	19 th Feb., 2019	Departmental faunal diversity, Status survey of Threatened Species and Eco-sensitive Zone programme of H.P., Assam, U.P. and M.P.
3.	Scientist-D	Zoological Survey of	1 st Jan.,	26 th Oct.,	Departmental faunal diversity, EIA,

		India HQ (MoEFCC), Kolkata, W.B.	2013	2016	and Status survey programme of West Bengal, Rajasthan, Assam, U.P. and M.P.
4.	Scientist-C	Zoological Survey of India HQ (MoEFCC), Kolkata, W.B.	30 th May, 2012	31 st Dec., 2012	Departmental faunal diversity and EIA programme of West Bengal, Rajasthan, Assam, U.P. and M.P.
5.	Scientist-C	Zoological Survey of India (MoEFCC), DRC, Jodhpur, Rajasthan.	7 th January, 2008	29 th May, 2012	Departmental faunal diversity and EIA programme of Rajasthan and Gujarat. Pay Band:
6.	Research Associate	Division of Entomology, Indian Agricultural Research Institute (ICAR), New Delhi	15 th Sept., 2006	5 th January, 2008	Programmes entitled “ <i>Systematic studies on the biodiversity of lepidopterous pests of vegetables</i> ” and “ <i>Network project on Insect Biosystematics</i> ”.
7.	Senior Research Fellow	Institute of Wood Science & Technology (ICFRE, MoEFCC) Bangaluru, K.A.	13 th Sept., 2004	12 th Sept., 2006	Programme entitled “ <i>Studies on the entomofaunal diversity and their interactions in selected provenances of sandal</i> ”.
8.	Junior Research Fellow	Zoological Survey of India, NRC (MoEFCC), Dehradun, U.K.	25 th July, 2000	9 th Sept., 2004	Programme entitled “ <i>Biodiversity in the Shivalik Ecosystem of Punjab, India</i> ”.
9.	Lecturer Zoology	D.A.V. College Banikhet, Distt-Chamba, H.P.	1 st Jan., 1999	5 th Aug., 1999	Taught theory and practical to B.Sc. classes and conducted environment awareness programmes.

10. Professional Recognition/Award/Prize/Certificate/Fellowship received by the applicant:

1. Received “**Biodiversity Conservation Award - 2019**” from the Dr. B. Vasantharaj David Foundation, Chennai during “*National Conference on Trends in Higher Education, Taxonomy, Agriculture, Biotechnology and Toxicology*” held at Chennai, Tamil Nadu on 17th November, 2019.
2. Nominated by The Secretary, MoEFCC, New Delhi as Country Representative of Government of India to participate in “**17th meeting of the Conference of the Parties to CITES (CoP17)**” at Johannesburg, South Africa from 23rd to 29th September, 2016.
3. Received Conoco Phillips Water and Biodiversity Stewardship Scholarship Award of \$2025.50 for participation in the “**Professional Training Programme on Species Monitoring and Conservation: Terrestrial Mammals**” Smithsonian-Mason School of Conservation, Virginia, USA from 09th – 20th May, 2016.
4. Nominated by The Secretary, MoEFCC, New Delhi as Country Representative of Government of India to participate in “**28th Meeting of Animal Committee CITES**” at Tel Aviv, Israel from 30th August, 2015 to 3rd September, 2015.
5. Selected as **Odonata group experts** for assessment of Odonates of Eastern Himalaya as per **IUCN Red Data listing of Threatened Species criteria** by IUCN Species Programme (Species

Survival Commission) Cambridge, United Kingdom and assessed 49 species of Odonata highlighted in IUCN Red Data listing website.

6. Received **Conference Participation Award** of **450 pound sterling**s from *Royal Entomological Society, London* to present oral paper in *Ento-07-International Symposium-Aquatic Insects: challenges to populations*, held at **University of Edinburgh, U.K.** from 16th to 18th July, 2007.
7. Received **Two Gold Medals** in “*VI & VII South Asian Symposium of Odonatology*” organized by *Societas Internationalis Odonatologica* (SIOROSA) affiliated to *Odonatologica, The Netherlands* held at Bhagalpur University on April 21-22, 2003 and at Hislop College, Nagpur on 9-11 January, 2006.
8. Two years *National Service Scheme Certificate* (1994-96) at G. P. G. College, Chamba, H.P.
9. *National Scholarship for talented students* from 8th class to 10+2 class.

11. Books Published:

1. **Sharma, G.** 2018. *Studies on Odonata and Lepidoptera fauna of Desert Ecosystem of Rajasthan*. Published by the Director, *Zool. Surv. India. Rec. zool. Surv. India, Occ. Paper. 394*: 1-90.
2. **Sharma, G.** and Kumar, G.P. 2018. *Studies on the selected families of Hymenoptera (Apidae, Halictidae, Megachilidae, Scoliidae and Vespidae) of Sundarbans Biosphere Reserve, West Bengal*. Published by the Director, *Zool. Surv. India. Rec. zool. Surv. India, Occ. Paper. 388*: 1-70.
3. **Sharma, G.** 2015. *Pictorial handbook on Odonata (Damsel and Dragonflies) of Rajasthan*. Publication by Director, *Zool. Surv. India, Kolkata*. 266pp + 93 photoplates.
4. **Sharma, G.**, Kamalakannan, M and Venkataraman, K. 2015. *An identification Manual of Scheduled Mammals of India (Indian (Wildlife Protection Act, 1972))*. Published by Director, Zoological Survey of India. 64 pp and 48 plates.
5. Venkataraman, K., Sivaperuman, C., Subramanian, K.A., Maheswaran, G. and **Sharma, G.** 2015. *Raptors of India*. Published by Director, *Zool. Surv. India, Kolkata*. 1-82.
6. **Sharma, G.** 2014. *Studies on Odonata and Lepidoptera fauna of foothills of Aravalli Range, Rajasthan*. Published by the Director, *Zool. Surv. India. Rec. zool. Surv. India, Occ. Paper. 353*: 1-104.
7. Kankane, P.L., **Sharma, G.** and Venkataraman, K. 2014. Status survey of some Mammals in Gujarat with special reference to Chinkara and Desert Cat. Published by the Director, *Zool. Surv. India, Kolkata*. 302pp.
8. **Sharma, G.**, Kamalakannan, M. and Venkataraman, K. 2014. *A Checklist of Mammals of India with their distribution and conservation status. ZSI e-publication*. Published by the Director, *Zool. Surv. India, Kolkata, India*. 125 pp.

9. Bohra, P., **Sharma, G.** and Kumar, S. 2014. *Faunal Exploration of Sitamata Wildlife Sanctuary, Rajasthan*. Conservation Area Series. Edited and Published by the Director, *Zool. Surv. India*, Kolkata. **54**: 1-158.
10. **Sharma, G.** and Kankane, P.L. 2012. *Booklet on Fauna of Ecosystems of India: Thar Desert*. Special Publication Series on the occasion of CBD CoP-11, 2012, India. Published by the Director, *Zool. Surv. India*, Kolkata. pp. 1-18.
11. Ramakrishna, Chandra, K., Bohra, P. and **Sharma, G.** (Eds). 2010. *Impact of climate change on biodiversity and challenges in Thar Desert- Proceedings of National Seminar, ZSI, DRC, Jodhpur*. Published by Director, Zoological Survey of India, Kolkata. 384pp.

12. Publications (List of Papers published in SCI/National/International Journals, in year wise descending order):

1. **Sharma, G.**, Kumar, S., Dhatwalia, N. and Ram, K. 2019. Studies on the Mammalian Diversity of Lahaul valley, District Lahaul and Spiti, Himachal Pradesh, India with their conservation status. *Biological Forum - An International Journal*. **11**(2): 150-156.
2. Sharma, G.: 2019. Studies on the species diversity of Damselflies and Dragonflies (Odonata: Insecta) in the four selected localities of Districts Solan and Sirmour, Himachal Pradesh, India. *International Journal of Theoretical and Applied Sciences*. **11**(2): 1-3.
3. Nazneen, S., Kalavanti, M., Kumaran, S, Subramanian, K.A., Manu Thomas Mathai, M.T., Sarkar, V., Tyagi, A., **Sharma, G.**, Singh, D., Endlein, T., Sharma, P., Jauhari, R.K., Veer, V., Kumar, A. and Tyagi, B.K. 2018. One-Point observations on the behaviour Of Dragonflies (Odonata) at the Asan Bird Sanctuary, Dehra Dun, Uttarakhand, India. *Bradinopyga- A semiannual newsletter of the Indian Dragonfly Society (IDS)*. **1**(2): 29-33.
4. **Sharma, G.** 2018. Studies on the Mammalian Diversity of Kaziranga National Park, Assam, India with their conservation status. *Journal on New Biological Reports*. **7**(1): 15-19.
5. **Sharma, G.**, Dhatwalia, N. and Ram, K. 2017. Studies on the Mammalian diversity of Great Himalayan National Park, Himachal Pradesh, India. *International Journal of Theoretical and Applied Sciences*. **9**(2): 274-277.
6. **Sharma, G.** 2017. Studies on the Mammalian diversity of Kanha National Park, M.P. *Biological Forum-an International Journal*. **9**(2): 201-203.
7. **Sharma, G.**, Kamalakannan, M., Guha, S., Chakraborty, B., Singh, K.K. and Dam, D. 2017. Studies on the Mammalian diversity of Dudhwa National Park, Uttar Pradesh, India. *Bio Bulletin*. **3**(2): 54-56.
8. **Sharma, G.** and Kamalakannan, M. 2017. Tricho-taxonomic Studies for Identification of the Rhesus Macaque, *Macaca mulatta* (Zimmermann, 1780) and Bonnet Macaque, *Macaca radiata* (E. Geoffroy, 1812) (Primates: Cercopithecidae). *Biological Forum-an International Journal*. **9**(2): 118-121.

9. Sharma, G. 2017. Studies on the Reproductive Behaviour of Dragonfly, *Pantala flavescens* (Fabricius, 1798) (Odonata: Insecta: Arthropoda) in Aravalli Range and Desert Ecosystem of Rajasthan, India. *Bio Bulletin*. **3**(1): 67-73.
10. Sharma, G., Kamalakannan, M., Manna, C.K. and Debashree, D. 2016. Tricho-taxonomic studies for identification of Wild Boar, *Sus scrofa* Linnaeus, 1758 by dorsal guard hairs (Suidae: Artiodactyla: Mammalia). *Rec. zool. Surv. India*. **116**(3): 301-306.
11. Sharma, G., P. Girish Kumar and Rajiv K. Gupta. 2016. Studies on diversity of Bees (Apoidea: Hymenoptera: Insecta) from Sunderbans Biosphere Reserve including fourteen new distributional records of Bees species from West Bengal, India. *Bio Bulletin*. **2**(1): 40-47.
12. Sharma, G., Kamalakannan, M., Manna, C.K. and Debashree, D. 2016. Tricho-taxonomic studies for Identification of Indian Cervids, *Axis axis* (Erxleben, 1777), *Axis porcinus* Zimmermann, 1780, *Muntiacus muntjak* Zimmermann, 1780 and *Rusa unicolor* (Kerr, 1792) (Artiodactyla: Mammalia) by Dorsal Guard Hairs. *Biological Forum– An International Journal*. **8**(2): 162-167.
13. P. Girish Kumar and Sharma, G. 2015. New records of hairy wasps (Hymenoptera: Scoliidae) from Diu, India. *Rec. zool. Surv. India*. **115**(1): 127-130.
14. Chatterjee, P., Girish Kumar, P. and Sharma, G. 2015. Description of *Deiphobe incisa* Werner, 1933 (Mantodea: Insecta) from Thar Desert, Rajasthan, India with notes on some variation. *Prommalia*. **3**: 44-50.
15. P. Girish Kumar and Sharma, G. 2015. Taxonomic studies on vespid wasps (Hymenoptera: Vespoidea: Vespidae) of Chhattisgarh. *Journal of Threatened Taxa*. **7**(14): 8096-8127.
16. Rajiv K. Gupta, Sharma, G. and P. Girish Kumar. 2015. Description of *Braunsapis chandrai* a new species of genus *Braunsapis* Michener (Hymenoptera, Apoidea, Apidae: Xylocopinae: Allodapini) from Sunderbans in West Bengal, India. *Journal of Environment & Biosciences*. **29**(2): 373-375.
17. Kamalakannan, M. and Sharma, G. 2015. Tricho-taxonomic studies for identification of two Indian antelope species Blackbuck, *Antelope cervicapra* (Linnaeus, 1758) and Indian Gazelle or Chinkara, *Gazella bennettii* (Sykes, 1831) by dorsal guard hairs. *Bio Bulletin*. **1**(1): 1-6.
18. Kumar, P. G., J.M. Carpenter and Sharma, G. 2014. A review of the genus *Paraleptomenes* Giordani Soika, 1970 (Hymenoptera: Vespidae: Eumeninae: Odynerini) from the Indian subcontinent, with the description of a new species from the eastern Himalayas. *Zootaxa*. **3802**(1): 131-143.

19. Kumar, Girish P. and **Sharma, G.** 2014. A review of the little known genus *Orancistrocerus* van der Vecht (Hymenoptera: Vespidae: Eumeninae) from the Indian subcontinent. *Hexapoda (Insecta indica)*. **19**(2): 14-22.
20. Kumar, P. G. and **Sharma, G.** 2014. Taxonomic studies on vespid wasps (Vespidae: Vespoidea: Hymenoptera: Insecta) of Rajasthan, India with six new records from the state. *Journal on New Biological Reports*. **3**(3): 240-258.
21. Kumar, P. G., Mazumdar, P.C. and **Sharma, G.** 2014. A review of the genus *Chlorion* Latrielle, 1802 (Hymenoptera: Sphecidae) from the Indian subcontinent. *Rec. zool. Surv. India*. **114**(3): 371-378.
22. Kumar, P. G. and **Sharma, G.** 2014. Taxonomic studies on vespid wasps (Hymenoptera: Vespoidea: Vespidae) of Sunderbans Biosphere Reserve, West Bengal, India Part 1. *Rec. zool. Surv. India*. **114**(4): 563-580.
23. **Sharma, G.**, Kamalakannan M., Dam, D. and Husain, A. 2014. Status and Conservation of Mammalian Diversity in Indian Himalaya. *Biological Forum– An International Journal*. **6**(2): 284-310.
24. Kumar, P. G. and **Sharma, G.** 2014. Studies on a collection of aculeate Hymenoptera from Nayachar Island, West Bengal. *Zoo's Print*. **29**(4): 22-26.
25. Kumar, P. Girish and **Sharma, G.** 2013. Scoliid fauna (Insecta: Hymenoptera: Scoliidae) of Chhattisgarh. *Bugs R All, Newsletter of the Invertebrate Conservation & Information Network of South Asia*. **20**: 31-35.
26. Kumar, Girish P. and **Sharma, G.** 2013. A taxonomic study on the genus *Rhynchium* Spinola (Hymenoptera: Vespidae: Eumeninae) from the Indian Subcontinent. *Rec. zool. Surv. India*. **113**(2): 105-122.
27. **Sharma, G.** 2013. A review on the studies on faunal diversity, status, threats and conservation of Thar Desert or Great Indian Desert Ecosystem. *Biological Forum-An International Journal*. **5**(2): 81-90.
28. Husain, A., Husain, H.J. and **Sharma, G.** 2012. New Records of Dragonflies (Insecta: Odonata: Anisoptera) From Chhatarpur District, Bundelkhand, Madhya Pradesh, India with their Conservation Status and Distribution. *Journal on New Biological Reports*. **1**(1): 12-16.
29. R. Sundararaj and **Sharma, G.** 2012. Species diversity of Coccinellids (Coleoptera: Coccinellidae) in selected provenances of Sandal (*Santalum album* Linn.) and their role in pest control. *Biological Forum– an International Journal, Spl. Iss.* **4**(1): 13-16.
30. Suri Babu, B. and **Sharma, G.** 2012. On some aspects of Territoriality and Reproduction of *Pseudagrion microcephalum* (Rambur) (Insecta: Odonata: Zygoptera: Coenagrionoidea). *Biological Forum– an International Journal, Spl. Iss.* **4**(1): 25-31.

31. Husain, A. and **Sharma, G.** 2012. The Great Indian Bustard: Rare sightings with its general account. *Biological Forum- an International Journal*, Spl. Iss. **4**(1): 70-73.
32. Husain, A. and **Sharma, G.** 2012. Odonates of Arabian and Indian Deserts and their conservation status. *Biological Forum- an International Journal*, Spl. Iss. **4**(1): 74-91.
33. **Sharma, G.** 2011. Studies on diversity, status and conservation of damselflies and dragonflies in four protected habitats of Aravalli Range of Rajasthan and their role as biological control agents. *Journal of Insect Science*. **24**(spl. Issue): 45-50.
34. Sundararaj, R. and **Sharma, G.** 2011. Parasitoids of Scales and Mealybugs (Coccoidea: Hemiptera) infesting Sandal (*Santalum album* Linnaeus) in South India. *Annals of Forestry- an International Journal of Forest Sciences*. **19**(1): 150-156.
35. **Sharma, G.** 2011. Studies on Lepidopterous insects associated with vegetables in Aravalli Range, Rajasthan, India. *Biological Forum- An International Journal*. **3**(1): 21-26.
36. **Sharma, G.** 2011. Studies on the reproductive behaviour of *Pseudagrion rubriceps rubriceps* Selys (Odonata: Arthropoda) at Pichhola lake, Udaipur, Rajasthan, India. *Hexapoda*. **18**(2): 150-154.
37. Sharma, K.C., Bhardwaj, S. C. and **Sharma, G.** 2011. Systematic studies, Life history and infestation by *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) on Tomato in Semi Arid Region of Rajasthan. *Biological Forum- An International Journal*. **3**(1): 52-56.
38. **Sharma, G.** and Sundararaj, R. 2011. Association of Ants and honeydew producing sucking pests in Bangalore Provenance of Sandal (*Santalum album* Linn.). *Biological Forum-An International Journal*. **3**(2): 62-64.
39. **Sharma, G.** 2010. Studies on the floral composition in the six selected provenances of Sandal (*Santalum album* Linnaeus) of South India. *Biological Forum-An International Journal*. **2**(2): 73-77.
40. Mitra, A., Dow, R., Subramanian, K.A. and **Sharma, G.** 2010. The status and distribution of dragonflies and damselflies (Odonata) of the Eastern Himalaya. In: *The Status and Distribution of Freshwater Biodiversity in the Eastern Himalaya* (Allen, D.J., Molur, S., Daniel, B.A. (Compilers). *The IUCN Red List of Threatened Species*. Published by IUCN, Cambridge, UK and Gland, Switzerland. pp. 54-66.
41. **Sharma, G.** 2010. Studies on the reproductive behaviour of *Ischnura aurora* (Brauer) (Odonata: Insecta) around Dholbaha Dam (Punjab Shivalik), India. *Biological Forum- An International Journal*. **2**(1): 6-8.
42. **Sharma, G.** and Joshi, P.C. 2010. Species composition of butterflies (Lepidoptera: Insecta) from Dholbaha dam in Punjab Shivaliks, India. *Journal of Environment and Bio-Sciences*. **24**(1): 81-85.

43. Kumar, R., Ramamurthy, V.V. and **Sharma, G.** 2010. Checklist of insects associated with Jamun (*Syzygium cuminii* Skeels) from India. *Biological Forum- an International Journal*. **2**(1): 1-5.
44. **Sharma, G.** 2010. Studies on Odonata and Lepidoptera (Insecta: Arthropoda) fauna of Mount Abu, Rajasthan, India. *Hexapoda*. **17**(2): 136-141.
45. **Sharma, G.** and Ramamurthy, V.V. 2010. An update on the insect fauna listed under the Indian Wildlife (Protection) Act, 1972. *Hexapoda*. **17**(2): 119-135.
46. **Sharma, G.**, Joshi, P.C., Kumar, R. and Vasu, D. 2009. Floral diversity and limnological studies in and around Dholbaha dam (Punjab Shivalik, India). *Biological Forum- an International Journal*. **1**(1): 22-31.
47. Kumar, R., **Sharma, G.**, Kumar, N. and Ramamurthy, V.V. 2009. Taxonomic studies on vegetable pests of Family Pieridae (Lepidoptera) from North India. *Biological Forum- an International Journal*. **1**(1): 89-97.
48. **Sharma, G.** 2009. Life history and Reproductive behaviour of *Ceriagrion coromandelianum* (Fabricius) (Odonata: Insecta). *Annals of Forestry-An International Journal of Forest Sciences*. **17**(2): 298-310.
49. **Sharma, G.**, Ramamurthy, V.V. and Kumar, R. 2009. Collection of damselflies and dragonflies (Odonata: Insecta) in National Pusa Collection, Division of Entomology, Indian Agricultural Research Institute, New Delhi, India. *Biological Forum- an International Journal*. **1**(2): 106-109.
50. **Sharma, G.** 2009. Studies and Status of damselflies and dragonflies (Odonata: Insecta) of Arid and Semi-Arid region of India. *Hexapoda*. **16**(1): 36-39.
51. **Sharma, G.** and Kumar, A. 2008. Odonata diversity of Punjab Shivalik with their habitats and flight period. *Fraseria- South Asian Bulletin of Odonatology*. **7**(1/2): 29-33.
52. **Sharma, G.**, Kumar, R., Pathania, P.C. and Ramamurthy, V.V. 2008. Biodiversity of lepidopterous insects associated with vegetables in India– A study. *Indian Journal of Entomology*. **70**(4): 369-384.
53. Kumar, R., **Sharma, G.** and Ramamurthy, V.V. 2008. Biosystematics of *Psara basalis* Walker (Lepidoptera: Crambidae: Spilomelinae) on Spinach. *Indian Journal of Entomology*. **70**(4): 408-410.
54. **Sharma, G.**, Sundararaj, R. and Karibasavaraja, L.R. 2008. Species diversity of odonates (Odonata: Insects) in sandal rich ecosystem of Karnataka and reproductive behaviour of *Orthetrum prunosum neglectum* (Rambur). *Fraseria- South Asian Bulletin of Odonatology*. **7**(1/2): 35-40.

55. Sundararaj, R., Karibasavaraja, L.R., **Sharma, G.** and Muthukrishnan, R. 2008. Hemipteran fauna (Insecta) infesting Sandal *Santalum album* Linn. in Southern India. *J. Bombay Nat. Hist. Soc.* **105**(2): 223-226.
56. Sundararaj, R. and **Sharma, G.** 2008. Species diversity of spiders in some selected provenances of sandal (*Santalum album* Linn.) in south India. *Annals of Forestry: An International Journal of Forest Sciences.* **16**(1): 124-128.
57. **Sharma, G.**, Sundararaj, R. and Karibasavaraja, L.R. 2007. Species diversity of Odonata in the selected provenances of sandal in India. *Zoos' Print Journal.* **22**(7): 2765-2767.
58. **Sharma, G.**, Kumar, R., Ramamurthy, V.V. and Kumar, N. 2007. Biosystematics studies of *Junonia orithya* Linnaeus (Lepidoptera: Nymphalidae) from North India. *Indian Journal of Entomology.* **69**(3): 224-229.
59. Karibasavaraja, L.R., Sundararaj R., and **Sharma, G.** 2007. Orthopteran (Orthoptera: Insecta) diversity in selected sandal provenances of South India. *Indian Journal of Tropical Biodiversity.* **15**(2): 144-147.
60. Sundararaj R., **Sharma, G.** and Karibasavaraja, L.R. 2007. A checklist of Parasitic and predatory groups of insects in sandal (*Santalum album* Linn.) ecosystem. *Annals of Forestry: An International Journal of Forest Sciences.* **15**(1): 137-144.
61. **Sharma, G.**, Kumar, R., Ramamurthy, V.V. and Kumar, N. 2007. Major lepidopterous insect pests of vegetables in North India. *Indian Journal of Entomology.* **69**(2): 189-195.
62. **Sharma, G.** and Joshi, P.C. 2007. Diversity of Odonata (Insecta) from Dholbaha dam (Distt.) Hoshiarpur) in Punjab Shivalik, India. *Journal of Asia-Pacific Entomology, Korea.* **10**(2): 177-180.
63. Sundararaj, R., **Sharma, G.** and Karibasavaraja, L.R. 2006. Insects associated with sandal (*Santalum album* Linn.)- a checklist. *Annals of Forestry: an International Journal of Forest Sciences.* **14**(1): 121-168.
64. **Sharma, G.**, Karibasavaraja, L.R. and Sundararaj, R. 2006. Diversity of mantids (Mantodea: Insecta) in the selected sandal provenances in south India. *Hexapoda.* **13**(1 & 2): 43-46.
65. **Sharma, G.**, Sundararaj, R. and Karibasavaraja, L.R. 2006. Diversity and monthly abundance of butterflies (Lepidoptera: Insecta) in sandal dominated ecosystem of Karnataka. *Hexapoda.* **13**(1 & 2): 28-37.
66. Sundararaj, R., Karibasavaraja, L.R., **Sharma, G.** and Muthukrishnan, R. 2006. Scales and mealybugs (Coccoidea: Hemiptera) infesting sandal (*Santalum album* Linn.). *Entomon.* **31**(3): 239-241.

13. Papers/Chapters Published in Books:

1. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Guru Ghasidas National Park, Chhattisgarh. In: "Fauna of Guru Ghasidas National Park, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-534. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 494-519.
2. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Udanti Sitanadi Tiger Reserve, Chhattisgarh. In: "Fauna of Udanti Sitanadi Tiger Reserve, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-414. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 380-401.
3. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Badalkhol Wildlife Sanctuary, Chhattisgarh. In: "Fauna of Badalkhol Wildlife Sanctuary, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-398. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 364-385.
4. Raha, A., **Sharma, G.** and Chandra, K. 2018. Vertebrata-Mammalia of Korba District, Chhattisgarh. In: "Faunal diversity of Korba District, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-413. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 378-397.
5. Chandra, K., **Sharma, G.**, Raha, A., Gupta, R.P. and Mazumder, A. 2018. Vertebrata-Mammalia of Bastar District, Chhattisgarh. In: "Faunal diversity of Bastar District, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-706. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 658-683.
6. Chandra, K., **Sharma, G.**, Raha, A., Gupta, R.P. and Mazumder, A. 2018. Vertebrata-Mammalia of Bilaspur District, Chhattisgarh. In: "Faunal diversity of Bilaspur District, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-542. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 502-525.
7. Chandra, K., **Sharma, G.**, Raha, A., Gupta, R.P. and Mazumder, A. 2018. Vertebrata-Mammalia of Dung District, Chhattisgarh. In: "Faunal diversity of Dung District, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-414. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 384-399.
8. Chandra, K., **Sharma, G.**, Raha, A. and Gupta, R.P. 2018. Vertebrata-Mammalia of Kabirdham District, Chhattisgarh. In: "Faunal diversity of Kabirdham District, Chhattisgarh" (Eds. Chandra, K. & Boaz, A.A.) pp. 1-494. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 460-479.
9. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Barnawapara Wildlife Sanctuary, Chhattisgarh. In: "Faunal diversity of Barnawapara Wildlife

- Sanctuary, Chhattisgarh” (Eds. Chandra, K. & Boaz, A.A.) pp. 1-598. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 560-579.
10. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Achanakmar Tiger Reserve, Chhattisgarh. In: “Fauna of Achanakmar Tiger Reserve, Chhattisgarh” (Eds. Chandra, K. & Boaz, A.A.) pp. 1-486. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 450-469.
 11. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Surguja District, Chhattisgarh. In: “Faunal diversity of Surguja District, Chhattisgarh” (Eds. Chandra, K. & Boaz, A.A.) pp. 1-477. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 438-459.
 12. Chandra, K., **Sharma, G.**, Raha, A. and Mazumder, A. 2018. Vertebrata-Mammalia of Gomarda Wildlife Sanctuary, Chhattisgarh. In: “Fauna of Gomarda Wildlife Sanctuary, Chhattisgarh” (Eds. Chandra, K. & Boaz, A.A.) pp. 1-342. Published by The SFR&TI, Forest Department, Chhattisgarh and ZSI. pp. 310-331.
 13. Kumar, P. G. and **Sharma, G.** 2015. Scoliid Fauna (Insecta: Hymenoptera: Scoliidae) of Rajasthan. In: Animal Diversity, Natural History and Conservation. Eds.: Gupta, V. K. and Verma, A. K. *Published by Daya Publishing House, New Delhi.* **4**: 95-105.
 14. Srivastava, J.P., **Sharma, G.** and Kamalakannan, M. 2015. Mammals of Uttar Pradesh. In: Hegde, V.D. and Venkataraman K. (eds.). Fauna of Uttar Pradesh. State Fauna Series. Published by the Director, *Zool. Surv. India*, Kolkata, India. **22**(1): 111-130.
 15. **Sharma, G.** and Dhadeech, S.N. 2014. *Insecta: Lepidoptera: Rhopalocera*. In: Faunal Exploration of Sitamata Wildlife Sanctuary, Rajasthan. Conservation Area Series. Published by the Director, *Zool. Surv. India*, Kolkata. **54**: 51-67.
 16. **Sharma, G.** 2014. *Insecta: Odonata*. In: Faunal Exploration of Sitamata Wildlife Sanctuary, Rajasthan. Conservation Area Series. Published by the Director, *Zool. Surv. India*, Kolkata. **54**: 37-50.
 17. Gaur, S. and **Sharma, G.** 2013. Herpetofauna of Kumbhalgarh Wildlife Sanctuary. In: *Kumbhalgarh Wildlife Sanctuary, Conservation Area Series*. Published by Director, *Zool. Surv. India*. **47**: 67-72.
 18. **Sharma, G.** and Dhadeech, S.N. 2013. Insecta: Lepidoptera: Rhopalocera of Kumbhalgarh Wildlife Sanctuary. In: *Kumbhalgarh Wildlife Sanctuary, Conservation Area Series*. Published by Director, *Zool. Surv. India*. **47**: 43-50.
 19. **Sharma, G.** 2013. Insecta: Odonata of Kumbhalgarh Wildlife Sanctuary. In: *Kumbhalgarh Wildlife Sanctuary, Conservation Area Series*. Published by Director, *Zool. Surv. India*. **47**: 31-42.

20. De, J.K. and **Sharma, G.** 2013. Endemic Mammals of India. In: Endemic Animals of India (Vertebrates), Eds. Venkataraman, K., Chattopadhyay and Subramanian, K.A. Published by Director, Zool. Surv. Ind., Kolkata. pp. 229-238.
21. Husain, Akhlaq and **Sharma, G.** 2012. Studies on diversity of Fishes, Amphibians and Reptiles of Thar Desert with conservation status. In: *Deserts: Fauna, Flora and Environment*. Editors: J. C. Guevara, E. G. Grunwaldt and C. Sivaperuman. Nova Science Publishers, Inc., New York, USA. pp. 23-52.
22. **Sharma, G.** 2012. Studies on the faunal diversity and government efforts for conservation of Tigers at Sariska Tiger Reserve, Rajasthan. In: *“Proceedings of National Conference on Prospects and Challenges in field of Applied Zoology”* held at Lachoo Memorial College of Science & Technology, Jodhpur. pp. 43-48.
23. **Sharma, G.** 2012. Studies on the reproductive behaviour of *Pseudagrion rubriceps* Selys (Odonata: Arthropoda) at Gyan Sarovar, Mount Abu, Rajasthan, India. In: *Recent Advances in Biodiversity of India*. Eds.: C. Raghunathan, C. Sivaperuman and K. Venkataraman. Published by Director, Zool. Surv. India, Kolkata. pp. 251-255.
24. **Sharma, G.** 2011. Studies on the faunal diversity of Rajasthan and Gujarat state by the Desert Regional Centre, Zoological Survey of India, Jodhpur from 1960 to 2010 and discovery of new species. In: *Proceedings of National Symposium on Invertebrates for Biomonitoring Ecosystem Health* held at Hislop College, Nagpur on 17-18 January, 2011. pp. 51-74.
25. **Sharma, G.** 2010. A review on the studies of Damselflies and Dragonflies (Odonata: Insecta) in the world. In: *Advancement in Invertebrate Taxonomy and Biodiversity* (Ed. Gupta, R.) 560pp. Published by Agrobios (International), Jodhpur. pp. 373-416.
26. **Sharma, G.** 2010. Status of Butterflies, their protection under Indian Wildlife (Protection) Act, 1972 and their conservation in India. In: *Advancement in Invertebrate Taxonomy and Biodiversity* (Ed. Gupta, R.) 560pp. Published by Agrobios (International), Jodhpur. pp. 349-372.
27. Ramamurthy, V.V. and **Sharma, G.** 2010. Impact of climate change in the North West Himalayas on Entomofauna and on Agroecosystem- a view. In: *Proceedings of National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert* (Eds. Ramakrishna, Chandra, K., Bohra, P. and Sharma, G.) held at ZSI, DRC, Jodhpur on 9th July, 2010. pp. 8-19.
28. **Sharma, G.** and Dhadeech, S.N. 2010. Studies on Damselflies and Dragonflies (Odonata: Insecta) in and around Thar Desert at Osian, Jodhpur, Rajasthan, India. In: *Proceedings of National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert* (Eds. Ramakrishna, Chandra, K., Bohra, P. and Sharma, G.) held at ZSI, DRC, Jodhpur on 9th July, 2010. pp. 195-197.

29. **Sharma, G.** 2010. Studies on the diversity of Damselflies and Dragonflies (Odonata: Insecta: Arthropoda) in and around Mount Abu Wildlife Sanctuary and on the reproductive behaviour of selected species. In: *Proceedings of National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert* (Eds. Ramakrishna, Chandra, K., Bohra, P. and Sharma, G.) held at ZSI, DRC, Jodhpur on 9th July, 2010. pp. 339-342.
30. **Sharma, G.** 2010. Insecta: Odonata. Fauna of Ranthambhore National Park, Rajasthan. ZSI, *Conservation Area Series*. (Pub.: Director, Zool. Surv. India, Kolkata). **43**: 67-74.
31. Sundararaj, R. and **Sharma, G.** 2008. Insect Communities in Different Sandal Provenances of South India. In: *Proceeding of Impact of Climatic factors on Insect Abundance*. Entomology Academy of India and Dept. of Zoology, Madras Christian College, Chennai. pp. 39-43.
32. Sundararaj, R., Karibasavaraja, L.R. and **Sharma, G.** 2007. Predatory and parasitic complex of sandal insect pests with special reference to sucking pests. In: *Plant Protection Association of India: Proceedings of National conference on Organic waste utilization and eco-friendly technologies for crop protection*. pp. 244-249.
33. Kumar, A., Nautiyal, A.K. and **Sharma, G.** 2006. Mammalia. In: *Biodiversity in the Shivalik ecosystem of Punjab, India*. (Eds: Jerath *et al.* PSCST, Chandigarh). Published by Bishen Singh Mahendra Pal Singh, Dehra Dun. pp. 674-680.
34. Kumar, A., Nautiyal, A.K. and **Sharma, G.** 2006. Odonata. In: *Biodiversity in the Shivalik ecosystem of Punjab*. (Eds: Jerath *et al.* PSCST, Chandigarh). Published by Bishen Singh Mahendra Pal Singh, Dehra Dun. pp. 419-427.
35. Kumar, A. and **Sharma, G.** 2004. Insecta: Odonata. *Some selected fauna of Govind Pashu Vihar, Conservation Area Series, Zool. Surv. India*. (Pub.: Director, Zool. Surv. India, Kolkata). **18**: 5-8.
36. Kumar, A. and **Sharma, G.** 2003. Insecta: Odonata. In: *Fauna of Asan wetland. Wetland Ecosystem Series, Zool. Surv. India*. (Pub.: Director, Zool. Surv. India, Kolkata). **5**: 11-13.
37. Kumar, A. and **Sharma, G.** 2002. Odonata. In: *Fauna of Asola-Bhatti Wildlife Sanctuary. Fauna of Conservation Area, Zool. Surv. India*. (Pub.: Director, Zool. Surv. India, Kolkata). **2**: 21-23.

14. Participated and delivered lectures in Conferences/Seminars:

1. **Sharma, G.** 2019. Status and Conservation of Mammals and Wildlife Protection Laws/Policies in India". In: *A workshop cum Symposium on Traditional and Modern Animal Taxonomy and IPR issues for Biodiversity Protection and Conservation* organized and held at Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun in collaboration with ZSI and ICAR-IISWC, Dehradun on 27th November, 2019.

2. **Sharma, G.** 2019. Studies on the Faunal diversity w.s.r. to Insect Diversity in India. In: the *Research Seminar on Current Challenges in the Management of Forest Insect Pests and Diseases*, held at Forest Research Institute (ICFRE), Dehradun on 27th June, 2019.
3. **Sharma, G.** and Babu, R. 2018. Studies on the Species Diversity of Damselflies and Dragonflies (Odonata: Insecta) of Himachal Pradesh, India and on the reproductive behaviour of Dragonfly, *Pantala flavescens* (Fabricius, 1798). In *Proceedings of 10th South Asian Dragonfly Meet & Symposium-2018* held at Hislop College, Nagpur. pp. 41-42.
4. **Sharma, G.** 2018. Studies on the Faunal diversity with s.r.t. Mammalian Diversity and their conservation in India. In: the *proceedings of Multidisciplinary International Conference on Green Earth: A Panoramic view*, held at Mumbai on 12th & 13th January, 2018. pp.16-23.
5. **Sharma, G.** 2016. “*Studies on the species diversity, status and conservation of Mammals in India*” lecture delivered to delegates during “*National Training Workshop on Fauna of Hotspots-3: Eastern Himalaya*” held at NERC, ZSI, Shillong on 17th March, 2016.
6. **Sharma, G.** 2016. “*Mammalian diversity in India w.s.r. to Schedule Mammals of India*” lecture delivered during “*Training workshop on Faunal Diversity, Conservation and role of Media*” organized by ZSI, Kolkata for Media persons on 14th March 2016.
7. **Sharma, G.** 2016. “*Studies on the species diversity, status and conservation of Mammals in India*” lecture delivered to delegates of “*National Training workshop on Fauna of Hotspots-2: Western Himalaya*” organized by HARC, ZSI, Solan on 24th July, 2015.
8. **Sharma, G.** 2014. “*Comparative studies on species diversity, status and conservation of Damselflies and Dragonflies (Odonata: Insecta: Arthropoda) of Aravalli Range and Thar Desert of Rajasthan, India*” in the “*First National training programme on Odonatology*” held at Hislop College, Nagpur on 18th August, 2014.
9. **Sharma, G.** 2014. “*Studies on the species diversity, status and conservation of Mammals in India*” in the “*The 8th Indian Symposium of Odonatology and Tropical Biodiversity*” held at Hislop College, Nagpur on 17th August, 2014.
10. **Sharma, G.** 2014. “*Studies on the Faunal diversity, livelihood, threats and conservation in the Thar Desert of Rajasthan*” in the “*National Conference on Biodiversity (NCB-2014): Issues, Concerns and Future Strategies*” organised by West Bengal Biodiversity Board at Science City, Kolkata on 18th January, 2014.
11. **Sharma, G.** 2014. “*Status and conservation of Insect Diversity of India with special reference to Odonata (Damsel and Dragonflies) and Lepidoptera (Butterflies) diversity and threats to habitats*” in the “*National Conference on Recent Trends in Applied Entomology (NCRTAE 2014)*” organised by Lachoo Memorial College of Science and Technology, Jodhpur, Rajasthan on 10th January, 2014.

12. **Sharma, G.** 2013. Status and conservation of Faunal Diversity of India with special reference to Mammalian diversity in Himalaya” in “*National Conference on Status and Conservation of Biodiversity in India with special reference to Himalaya*” held at University of Kashmir, Srinagar from 4th-5th October, 2013.
13. **Sharma, G.** 2012. Studies on the diversity of selected groups of fauna in and around Bikaner, Rajasthan. In: “*XXIII National Symposium on Chronobiology and Seminar on Diversity and Physiology of Desert Fauna*” held at Dept. of Zoology, J.N.V. University, Jodhpur from 1-3 March, 2012. pp. 76-77.
14. **Sharma, G.** 2012. Studies on the species diversity of Odonata and Lepidoptera (Insecta: Arthropoda) of Aravalli Range, Rajasthan, India. In: *International Conference on Entomology* held at Panjabi University, Patiala, Punjab from 17-19 Feb., 2012.
15. **Sharma, G.** 2012. *Studies on the faunal diversity and government efforts for conservation of Tigers at Sariska Tiger Reserve, Rajasthan.* In: “*National Conference on prospects and challenges in field of applied zoology*” held at Lachoo Memorial College of Science & Technology, Jodhpur, Rajasthan from 12-13 January, 2012. p. 12.
16. **Sharma, G.** 2011. Diversity, Conservation and Status of Damselflies and Dragonflies (Odonata: Insecta: Arthropoda) in India. In: “*International Conference on Advances in Ecological Research*” held at Maharaja Ganga Singh University, Bikaner from 19-21 December, 2011. pp. 21-22.
17. **Sharma, G.** 2011. Studies on the reproductive behaviour of *Trithemis festiva* (Rambur) at Fateh Sagar Lake, Udaipur, Rajasthan. In: “*National Seminar on Biodiversity and Intangible Natural Heritage*” organized by Zoological Survey of India in collaboration with National Museum of Natural History held at ZSI, DRC, Jodhpur on 28th Sept., 2011. pp.26-27.
18. **Sharma, G.** 2012. Use of Bioinformatics and Computational Biology techniques in study of Insects-A view. In: “*National Conference on Bioinformatics and Computational Biology*” held at Lachoo Memorial College of Science and Technology, Jodhpur from 23-24 Sept., 2011.
19. **Sharma, G.** 2011. Studies on Lepidopterous insects associated with vegetables in Aravalli Range, Rajasthan. In “*3rd Congress on Insect Science on Pest Management for food security and environmental Health*” (Extended abstracts) held at Punjab Agricultural University, Ludhiana from 18-20 April, 2011. p.30.
20. **Sharma, G. and Vashistha, S.** 2011. Studies on reproductive behavior of dragonfly, *Orthetrum glaucum* (Brauer) (Odonata: Insecta) at Gyan Sarover, Mount Abu, Rajasthan. *National Symposium on Invertebrates for Biomonitoring Ecosystem Health* held at Hislop College, Nagpur on 17-18 January, 2011. pp. 129-130.

21. **Sharma, G.**, Bohra, P., Sewak, R. and Kankane, P. L. 2011. Studies on Faunal diversity in Hadla Rawaleton, Hadla Bhatiyani and Mokha Lignite Block, District Bikaner, Rajasthan. *National Conference on Animal Science: Innovation & prospectives* held at Department of Zoology, Jai Narayan Vyas University, Jodhpur. pp. 10-11.
22. **Sharma, G.** 2010. Studies on the Reproductive Behaviour of *Disparoneura quadrimaculata* (Rambur) (Odonata: Insecta) at Gyan Sarover, Mount Abu, Rajasthan, India. *National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert* held at ZSI, DRC, Jodhpur on 9th July, 2010. pp. 113-114.
23. **Sharma, G. 2009.** Studies on the diversity of Damselflies and Dragonflies (Odonata: Insecta: Arthropoda) in and around Mount Abu Wildlife Sanctuary and on the reproductive behaviour of selected species. "*International Conference on Nurturing Arid Zones for People and the Environment: Issues & Agenda for 21st Century*" held at Central Arid Zone Research Institute (ICAR), Jodhpur from 24th -28th Nov., 2009. pp. 175-176.
24. **Sharma, G. 2009.** Studies on the diversity of Odonata and Lepidoptera fauna of Mount Abu, Rajasthan, India. *National Symposium on Recent Advances in Biodiversity of Indian Subcontinent* on March 11-13, 2009 at Port Blair, Andaman. pp. 14.
25. **Sharma, G.** and Ramamurthy, V.V. 2008. Law to protect entomofauna in India. "*Ento-08-International Symposium*" organized by *Royal Entomological Society, London* held at University of Plymouth on from 3-5 Sept., 2008.
26. **Sharma, G. 2008.** Diversity analysis of Odonata fauna of Arid and Semi-Arid region of India and their role as biological control agent. "*National Symposium on Integrated Pest and Disease Management (IPDM) in Arid and Semi-Arid Areas*" on 12-13 March, 2008 at Arid Forest Research Institute, Jodhpur.
27. **Sharma, G.**, Kumar, R., Ramamurthy, V.V. and Kumar, N. 2007. Biodiversity of lepidopterous insects associated with vegetables in India. "*International conference on Future challenges to environmental scientists on issues of energy, water and human health*" organized by National Environmental Science Academy held at Jamia Hamdard University, New Delhi on 23rd-25th August, 2007.
28. **Sharma, G.**, Ramamurthy, V.V., Joshi, P.C., Mittal, V. and Kumar, R. **2007.** Diversity of Odonates (Insecta: Arthropoda) their present status, distribution and conservation in India. "*Ento-07-International Symposium-Aquatic Insects: challenges to populations*", organized by *Royal Entomological Society, London* held at University of Edinburgh, Edinburgh, United Kingdom on 16th to 18th July, 2007.
29. **Sharma, G.**, Sundararaj, R. and Karibasavaraja, L.R. 2006. Butterflies associated with selected provenances of sandal in south India. Paper presented in the "*National Conference of*

Entomology” held at Department of Zoology, Punjabi University, Patiala from 15th to 17th March 2006. p. 61.

30. **Sharma, G.,** Sundararaj, R. and Karibasavaraja, L.R. 2006. Odonata diversity in the selected provenances of sandal in India. Paper presented in the “*International Conference on Biodiversity of Insects: Challenging issues in management and conservation*” held at Department of Zoology, Bharathiar University, Coimbatore, Tamil Nadu from 30th January to 3rd February, 2006. p. 24.
31. **Sharma, G.,** Sundararaj, R. and Karibasavaraja, L.R. 2006. Species diversity of odonates (Odonata: Insects) in sandal rich ecosystem of Karnataka and reproductive behaviour of *Orthetrum pruinosum neglectum* (Rambur). Paper presented in the “*VII South Asian symposium on Odontology & Recent trends in Zoology*” held at Hislop College, Nagpur, Maharashtra from 9th to 11th January, 2006. p.19.
32. **Sharma, G.** and Kumar, A. 2003. Odonata diversity of Punjab Shivalik with their habitats and flight period. Paper presented in the “*VI South Asian symposium on Odontology*” held at Bhagalpur University, Bhagalpur, Bihar from 21st to 23rd April, 2003. p.25.

15. Participated in Training Programmes:

Sl. No.	Year	Name of the Training Programme	Name of The Institute	Duration
1.	2001	“On Collection, Preservation and Identification techniques of Zoological Specimens”	Zoological Survey of India (MoEF, GOI), Dehradun	Three days (from 21-23 Feb., 2001)
2.	2008	“CDDO Workshop on New Pension Scheme”	National Securities Depository Limited (NSDL) Mumbai held at New Central Revenue Building, Jaipur	One day (on 13-09-2008)
3.	2009	“XI th Leadership Course on Environmental Awareness and Wildlife Conservation”	Zoological Survey of India, (MoEF, GOI), Kolkata	Four days (from 24 th to 27 th March, 2009)
4.	2009	“IUCN Eastern Himalayas Freshwater Biodiversity Assessment Training Workshop”	IUCN Species Programme (Species Survival Commission) Cambridge, United Kingdom held at Kathmandu, Nepal	Five days (from 22-26 July, 2009)
5.	2009	“Training on Right to Information Act, 2005”	Institute of Secretariat Training and Management, New Delhi	Two days (from 22-23 Oct., 2009)
6.	2010	“Training on Public Finance Management”	Institute of Secretariat Training and Management, New Delhi	Five days (from 12-16 April, 2010)
7.	2010	“Training Programme on Science Administration and Research Management for Scientists”	Administrative Staff College of India, Bella Vista, Hyderabad	Twelve days (from 6-17 September, 2010)
8.	2011	“Workshop on Intellectual Property Rights”	Department of Science and Technology, Jodhpur, Rajasthan at AFRI, Seminar Hall, Jodhpur	One day on 25 th May, 2011

9.	2012	“Workshop on Scientific and Technical Terminology and Implementation of the Official Language Policy”	Centre for Training and Development, Bangalore held at Hotel Samanduram, Kerala	Two days from 21-22 August, 2012
10.	2013	“Training programme on GIS in Faunal Studies, Data basing and Digitization of Faunal Collections”	Zoological Survey of India (Headquarters) New Alipore, Kolkata	Two days from 21-22 January, 2013
11.	2013	“Training programme on Application of Scanning Electron Microscopy in Animal Taxonomy”	Zoological Survey of India (Headquarters), New Alipore, Kolkata	Two days from 17-18 July, 2013
12.	2013	“Training programme on Current requirements in Environmental Impact Assessment (EIA)-Process and Procedures (as per MoEF Guidelines)”	Engineering Staff College of India, Environment Management Division, Gachi Bowli, Hyderabad	Three days from 12-14 August, 2013
13.	2014	“Training workshop on DSLR Macro Photography”	Zoological Survey of India (Headquarters), New Alipore, Kolkata	Two days from 6-7 March, 2014
14.	2015	“Training programme on Scheduled Animals of India”	Zoological Survey of India (Headquarters), New Alipore, Kolkata	Two days from 12 th – 13 th March, 2015
15.	2015	“Training programme on EIA-Mainstreaming Biodiversity in Energy Sector”	Wildlife Institute of India, Dehra Dun, Uttarakhand	Three days from 3 rd – 5 th August, 2015
16.	2016	“Professional Training Programme on Species Monitoring and Conservation: Terrestrial Mammals”	Smithsonian-Mason School of Conservation, Virginia, USA	Twelve days from 09 th – 20 th May, 2016
17.	2018	Training workshop of NMHS Project entitled “Conservation of Threatened Vertebrate Fauna in Indian Himalayan Region through Long-term Monitoring and Capacity Building”	Zoological Survey of India held at Dehra Dun	26 th April, 2018

16. Research Projects Completed and Reports submitted/published:

- (2003) Programme entitled “*Biodiversity in the Shivalik Ecosystem of Punjab, India*” to PSCST, Chandigarh and Ministry of Environmental and Forests (Govt. of India), New Delhi.
- (2006) Programme entitled “*Studies on the entomofaunal diversity and their interactions in selected provinces of Sandal*” to Ministry of Environment, Forest and Climate Change (Govt. of India), New Delhi.
- (2007) Programme entitled “*Systematic studies on the biodiversity of lepidopterous insects associated with vegetables in India*” to Department of Science and Technology (Govt. of India), New Delhi.
- (2010) Programme entitled “*IUCN Eastern Himalayas Freshwater Biodiversity Assessment Project*” and assessed status of 49 species of Odonata, which were incorporated in the **IUCN Red List** (www.iucnredlist.org) in the year 2009-10.
- (2011) Programme entitled “*Environmental Impact Assessment and Faunal diversity studies of Lignite Mining*” in Hadla Rawaleton, Hadla Bhatiyon and Mokha Lignite Block, District Bikaner, Rajasthan.

6. (2012) Programme entitled “*Environmental Impact Assessment and Faunal diversity studies of Lignite Mining, Village Gurah (West), Dist. Bikaner, Rajasthan*” for Rajasthan State Mines and Minerals Ltd.
7. (2013) Programme entitled “*Faunal diversity studies in and around NMDC Kirandul and Bacheli Complex Iron Ore Mines, South Bastar, Distt.-Dantewada, Chhattisgarh*” for IBRAD, Kolkata.
8. (2014) Programme entitled “*Faunal diversity studies in and around NMDC Donimalai and Kumaraswamy Iron Ore Mines, Bellary District, Karnataka*” for IBRAD, Kolkata.
9. (2014) Programme entitled “*Faunal diversity studies in and around NMDC Diamond Mine, Panna, Madhya Pradesh*” for IBRAD, Kolkata.
10. (2014) Programme entitled “*Migratory Birds study in and around East Kolkata Wetland and Ambuja site*” initiated for Ambuja Group, Kolkata assigned by West Bengal Forest Department.
11. (2014) Programme entitled “*Faunal Exploration of Sitamata Wildlife Sanctuary, Rajasthan*” for Zoological Survey of India, Kolkata.
12. (2014) Programme entitled “*Studies on Odonata and Lepidoptera fauna of Aravalli Range of Rajasthan*” for Zoological Survey of India, Kolkata.
13. (2015) Programme entitled “*Documentation of Faunal diversity and suggested Conservation Action Plan for Schedule-I Animals of Nuclear Fuel Complex, Rawathbhata, Rajasthan*” sponsored by Nuclear Power Corporation of India Limited (NPCIL), Department of Atomic Energy, Hyderabad.
14. (2018) Programme entitled “*Studies on the selected families of Hymenoptera (Apidae, Halictidae, Megachilidae, Scoliididae and Vespidae) of Sundarbans Biosphere Reserve, West Bengal*” for Zoological Survey of India, Kolkata.
15. (2018) Programme entitled “*Studies on Odonata and Lepidoptera fauna of Desert Ecosystem of Rajasthan*” for Zoological Survey of India, Kolkata.

Declaration

I hereby declare that, the particulars given above are true to the best of my knowledge.

Place: Dehradun, Uttarakhand, India.

Date: 16-12-2019.



**(Dr. Gaurav Sharma)
Scientist-E
ZSI, NRC, Dehradun**