

CURRICULUM-VITAE

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Field of Specialization : Zoology: Entomology- Taxonomy : Odonata

Academic Qualification (Undergraduate Onwards)

S. No.	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc.	1990	Zoology	Bharathiar University	67.05
2.	M.Sc.	1992	Zoology	Bharathiar University	63.87
3.	Ph.D.	1996	Zoology	Bharathiar University	Awarded

Work experience (in chronological order):

S. No.	Positions held	Name of the Institute	From	To
1	Scientist-D	Zoological Survey of India, Southern Regional Centre, Chennai	28.01.2015	Till Date
2	Scientist-C	Zoological Survey of India, Southern Regional Centre, Chennai	07.06.2012	27.01.2015
3	Scientist-C	Zoological Survey of India, Kolkata	30.12.2010	06.06.2012
4	Scientist-B	Zoological Survey of India, Kolkata	20.09.2004	29.12.2010

Professional Recognition/ Award/ Prize/ Certificate, Fellowship received

S. No.	Name of Award / Fellowship	Awarding Agency / Institute	Year
1	Research Associate	Coffee Board, Regional Coffee Research Station, Thandikudi, Dindigal Dist. Tamil Nadu.	1999 to.2002
2	Post- Doctoral Fellow	Dept. of Zoology, Bharathiar University, Coimbatore	1998 to 1999
3	CSIR- Senior Research Fellow	Dept. of Zoology, Bharathiar University, Coimbatore.	1995 to 1998

List of Research Papers Published

1. Subramanian, K.A. and **Babu, R.** 2017. A Checklist of Odonata (Insecta) of India, Version 3.0. p. 1-51. www.zsi.gov.in
2. **Babu, R.** and Srinivasan, G. 2016. Distribution of *Aeshna petalura* Martin, 1908 (Odonata: Anisoptera: Aeshnidae) in Indian Subcontinent". *Journal of Threatened Taxa*, **8**(7): 9034-9037.
3. Walia, G.K., Chahal, S.S. and **Babu, R.** 2016. Cytogenetic report on *Gynacanthaeschna sikkima* from India (Odonata: Aeshnidae). *Odonatologica*, **45**(1/2): 87-94.
4. **Babu, R.** and Supriya Nandy 2014. Eight new records of dragonflies from Jharkhand State, India (Odonata: Aeshnidae, Gomphidae, Libellulidae). *Notulae odonatologicae*, **8**(4): 91-93.
5. **Babu, R.** 2014. Diversity of dragonflies (Odonata) in Himachal Pradesh, India. *Agrion*, **18**(2): 41-47.
6. **Babu, R.** 2013. New Zygoptera records from Jharkhand State, India. *Notul. Odonatol.*, **8** (2): 18-21.
7. **Babu, R.**, Subramanian, K. and Supriya Nandy 2013. Endemic Odonates of India. *Rec. zool. Surv. India, Occ. Paper No. 347*: 1-60.
8. Mitra, T.R., **Babu, R.** and Subramanian, K.A. 2013. *Anax panybeus* Hagen, 1867: An addition to the Odonata (Aeshnidae) of India. *J. Threatened Taxa*, **5** (2): 3682-3683.
9. **Babu, R.** 2011. New Distributional Records of Coenagrionids (Odonata: Zygoptera: Coenagrionidae) from Himachal Pradesh, India. *Rec. zool. Surv. India*, **111** (4): 73-77.
10. **Babu, R.** and Mitra, A. 2011. A record of *Gomphidia t-nigrum* Selys from Himachal Pradesh, India (Anisoptera: Gomphidae). *Notul. Odonatol.*, **7** (8): 75-76.
11. **Babu, R.** 2011. Observation on Odonata behaviour during the nearly total Solar Eclipse of 22 July 2009 in India. *Notul. Odonatol.*, **7** (8): 69-70.
12. **Babu, R.** and Nandy, S. 2010. New Odonata records from Himachal Pradesh, India. *Notul. Odonatol.*, **7** (6): 55-57.
13. Mitra, T.R. and **Babu, R.** 2010. Revision of Indian species of the families

- Platycnemididae and Coenagrionidae (Insecta : Odonata : Zygoptera)- Taxonomy and Zoogeography. *Rec. zool. Surv. India, Occ. Paper No. 315*: 1-103.
14. **Babu, R.** and Nandy, S. 2010. Recorded diversity of Odonates from Maharashtra, India. *J. Exp. Zool. India*, **13** (1): 63-74.
 15. Nandy, S. and **Babu, R.** 2009. On a collection of dragonflies (Odonata: Anisoptera) from Andaman and Nicobar Islands. *Rec. zool. Surv. India*, **109** (4): 35-51.
 16. **Babu, R.** and Mondal, S.B. 2009. First record of *Rhinocypha trifasciata* Selys from Maharashtra, India (Odonata : Zygoptera : Chlorocyphidae). *Rec. zool. Surv. India*, **109** (3): 115-116.
 17. **Babu, R.** and Nandy, S. 2009. A Comparative review of three closely related *Calicnemia* species- *C. pulverulans* Selys, *C. imitans* Lieftinck and *C. sudhaae* Mitra (Odonata : Zygoptera : Platycnemididae). *Rec. zool. Surv. India*, **109** (3): 79-84.
 18. Mitra, T.R. and **Babu, R.** 2009. Previously unrecorded Odonata from Salt Ranges and Sind in Pakistan. *Notul. Odonatol.*, **7** (4): 42-44.
 19. Mitra, T.R., **Babu, R.** and Nandy, S. 2008. Numerical density of adult Odonates in Nagaland, India. *Fraseria –The South Asian Bulletin of Odonatology* (N.S.), **7**: 19-23.
 20. Mitra, T.R. and **Babu, R.** 2008. Numerical density of adult Odonates in Arunachal Pradesh, India. *Fraseria –The South Asian Bulletin of Odonatology* (N.S.), **7**: 51-54.
 21. **Babu, R.**, Sinha, C. and Prasad, M. 2008. New records of Odonata (Anisoptera) from Maharashtra, India. *Rec. zool. Surv. India*, **108** (4): 113-117
 22. Kazmi, S.I. and **Babu, R.** (2006) Diversity of butterflies (Insecta: Lepidoptera) in the Thar desert of Rajasthan. *Annals of Entomology*, **24** (1-2): 11-17.

Papers published in the Proceedings of the Conferences/seminars

1. Subramanian, K.A. and **Babu, R.** 2017. Brief History of Indian Odonatology and contributions of Zoological Survey of India. In: *Introduction and Abstracts of 4th Dragonfly India meet 2017 and 9th Indian Symposium of Odonatology*, Goa, pp. 24-37.
2. **Babu, R.** and Ramesh, G. 2014. Taxonomy of dragonflies and their conservation: An overview (in Tamil language). In the *Proceedings of the seminar on “Importance of Taxonomy in Conservation of Faunal Diversity in Tamil”*, pp. 105-116. Envis Centre, Zoological Survey of India, Kolkata.

Books/Reports/Chapters/General articles etc.

1. Subramanian, K.A. and **Babu, R.** 2017. Insecta: Odonata (Damselies and Dragonflies). In: *Current Status of Freshwater Faunal Diversity in India* (Eds. Chandra, K., Gopi, K.C., Rao, D.V., Valarmathi, K. and Alfred, J.R.B.), pp. 401-418. Zoological Survey of India, Kolkata.
2. **Babu, R.**, Sivaramakrishnan, K.G., Subramanian, K.A. and Selvakumar, C. 2017. Insecta: Plecoptera (Stoneflies). In: *Current Status of Freshwater Faunal Diversity in*

India (Eds. Chandra, K., Gopi, K.C., Rao, D.V., Valarmathi, K. and Alfred, J.R.B.), pp. 429-444. Zoological Survey of India, Kolkata

3. Ilango, K., **Babu, R.**, Venkitesan, R., Tilak, J., Prabakaran, S., Aengals, R., Prabakar, D., Sathish Kumar, V.M. and Sakthivel, R. 2015. Faunal Diversity of Kalakad-Mudanthurai Tiger Reserve, Tamil Nadu. In: *A Florilegium of Research Studies in KMTR*, pp. 28-31. Tamil Nadu Forest Department, Tirunelveli.
4. **Babu, R.** 2014. Odonata. In: *Faunal Diversity of Churdhar Wildlife Sanctuary, Himachal Pradesh. Conservation Area Series No. 53*: 7-21. Zoological Survey of India, Kolkata.
5. Kulkarni, P.P, **Babu, R.**, Talmale, S.S., Chhaya Sinha and Mondal, S.B. 2012. Insecta: Odonata. In: *Fauna of Maharashtra. State Fauna Series, 20* (Part-2): 397-428, Zoological Survey of India.
6. Nandy, S. and **Babu, R.** 2012. Insecta : Odonata. In: *Fauna of Andaman and Nicobar Islands, State Fauna series, 19* (1): 33-68, Zoological Survey of India, Kolkata.
7. **Babu, R.** and Mehta, H.S. 2009. Insecta : Odonata. In : *Faunal Diversity of Simbalbara Wildlife Sanctuary, Himachal Pradesh. Conservation Area Series No. 41* : 21-28, Zoological Survey of India.
8. **Babu, R.**, Mehta, H.S. and Kamal, S. 2009. Insecta : Odonata. In : *Faunal Diversity of Pong Dam, Himachal Pradesh. Wetland Ecosystem Series No. 12* : 13-19, Zoological Survey of India.

Conferences/seminars Attended

1. Participated in the National Seminar on the “Faunal Diversity of Eastern Ghats and Western Ghats” held on 3rd & 4th March, 2016 at Zoological Survey of India, Southern Regional Centre, Chennai.
2. Participated and presented a research paper at “International Conference on Biodiversity and Biotechnology” held from 25th to 27th February, 2016 at Bharathidasan University, Tiruchirapalli.
3. Participated in the seminar on “Importance of Taxonomy in Conservation of Faunal Diversity” in Tamil, held on 1st & 2nd September, 2014 at Zoological Survey of India, Chennai.
4. Participated in the “8th Indian Symposium of Odonatology and Tropical Biodiversity” held on 17th & 18th August, 2014 at Hislop College, Nagpur.
5. Participated in the “National Conference on Zoology for Future Education and Research” held on 23rd and 24th January, 2014 at Queen Mary’s College, Chennai.
6. Attended a Special Lecture on “Elephants Biology, Culture and Conservation” delivered by Prof. R. Sukumar, IISc, Bangalore at the C.P. Ramaswami Aiyar Foundation, Chennai on 26.10.2013.

7. Attended Prof. U.S. Srivastava Memorial Lecture on 23rd February 2012 at Indian Institute of Chemical Biology, Jadavpur, Kolkata.
8. Participated and delivered a invited lecture on “Diversity of adult Odonates (Insecta: Odonata) in Himachal Pradesh State, India” in the “2nd International Congress of Global Warming on Biodiversity of Insects: Management and Conservation” held from 24th to 26th August, 2011 at Bharathiar University, Coimbatore.
9. Participated in the National Seminar on “Bio-resource and Human Welfare” held on 20th & 21st, January, 2011 at Lady Brabourne College, Kolkata.
10. Participated in the Seminar on “Faunal Diversity and Climate Change” held on 16th July, 2010 at Zoological Survey of India, Kolkata.
11. Participated in the Seminar on “Recent Trends in Taxonomy and Biodiversity Conservation in India” held on 1st May, 2010 at Zoological Survey of India, Kolkata.
12. Participated in the Seminar on “Climatic Changes and Sustainable Development” held on 5th July, 2008 at Zoological Survey of India, Kolkata.
13. Participated in the Seminar on “Environmental Applications of GIS and Remote Sensing” held at Jadavpur University, Kolkata on 23rd March, 2007.
14. Paper presented at “International Conference on Biodiversity of Insects: Challenging Issues in Management and Conservation” held from 30th January to 3rd February, 2006, at Bharathiar University, Coimbatore, India.
15. Participated in the “National Seminar on Evolutionary Biology and Biotechnology” held at Central Glass Ceramic Research Institute, Kolkata on 26th February, 2005, organized by the Zoological Society, Kolkatta in collaboration with Zoological Survey of India.

Training/ Refresher Courses/ Workshops Attended

1. Delivered lecture on “Collection, preservation and identification of insects with special reference to Odonata” to the participants of internship programme for Post-Graduate students of Zoology, New College, Chennai on 15.07.2016 at SRC, ZSI, Chennai.
2. Delivered Lecture on “Diversity of insects with special reference to Odonates of India” to the Post-Graduate students of Zoology, Pachaiyappas College for Men, Kancheepuram, on 16.03.2015 at ZSI-SRC, Chennai.
3. Attended the Training Course on “GIS and Database usage for the faunal studies” held at ZSI Headquarters, Kolkata from 21st to 22nd January, 2013.
4. Delivered lecture on “Invertebrates in Wetland Ecosystem” at Environmental Education Programme, Adayar Poonga, Chennai on 16th July, 2012.

5. Delivered a invited lecture on “Conservation of flora and fauna with special reference to Insects” and interacted with students at Kendriya Vidyalaya, Ballygunge, Kolkata on 11th November, 2011.
6. Attended one day Workshop on “Disposal of Appeal under RTI” on 31st October, 2011, at Institute of Secretariat Training and Management, Dept. of Personnel and Training, New Delhi.
7. Delivered a Lecture on “*Collection, Preservation and Identification of Odonata*” in the XV Training course on “*Collection, Preservation and Identification of Insects and Mites of Economic Importance*” held at Zoological Survey of India, Kolkata, during 23rd to 26th November, 2010.
8. Participated in the “Workshop on Communication Skills” held at Institute of Secretariat Training and Management, Dept. of Personnel and Training, New Delhi, during 25th to 27th October, 2010.
9. Delivered a Lecture on “*Collection, Preservation and Identification of Odonata*” in the XV Training course on “*Collection, Preservation and Identification of Insects and Mites of Economic Importance*” held at Zoological Survey of India, Kolkata, during 16th to 19th December, 2008.
10. “*IUCN Eastern Himalayas Freshwater Biodiversity Assessment and High ARCS Evaluation Workshop*” from 22nd to 26th March, 2010, at Kolkata,
11. Training on “*IT Awareness and E-Governance*” under the Information Technology Programme of the Administrative Ministry, at CMC, Kolkata, during 8th to 12th February, 2010.
12. Training course on “*Collection, Preservation and Identification of Insects and Mites of Economic importance*” held at Zoological Survey of India, Kolkata, during 20th to 26th March, 2007.
13. Refresher course on “*Collection and Preservation Techniques of the Zoological Specimens*” held at Zoological Survey of India, Kolkata, during 7th to 10th March, 2006.
14. Training course on “*Field Ornithology*” held at Zoological Survey of India, Kolkata, during 28th February, 2006 to 3rd March, 2006
15. “*Need Based Workshop on Scanning Electron Microscope*” held at University Science Instrumentation Centre, University of Burdwan, Burdwan, West Bengal, from 12th to 16th December, 2005.
16. “*Scientific Training Programme for Scientist-B*” at Northern Regional Station, Zoological Survey of India, Dehra Dun, from 4th - 8th July 2005.
17. “*IX Leadership Course on Environmental Awareness and Wildlife Conservation*” at Zoological Survey of India, Kolkata during 15- 18th March, 2005.