

CURRICULUM VITAE

Dr. Sanjay Dattatray Paunikar, M.Sc. PhD. Scientist-D

Northern Regional Centre,
Zoological Survey of India,
Ministry of Environment, Forest & Climate Change,
Government of India
218, Kaulagarh Road, Dehradun-248 195 (Uttarakhand)
0135-2756349 & 2754939, (Fax) 2758362

E.-Mail sanjaypaunikar@gmail.com & sanjaypaunikarzi@gmail.com

Mobile no.: 7302245918 & 9926541280



RESEARCH INTEREST:

Taxonomy & identification of Fishes and Odonata
Integrated Insect Pest Management (IIPM)
DNA Barcoding
Himalayan Ecology and Forest Entomology
Biodiversity Conservation
Entomopathogenic Nematodes (EPN)

PERSONAL PROFILE:

Date of Birth:	24th March 1972
Nationality:	Indian
Religion:	Hindu
Sex:	Male
Marital status:	Married
Language:	Marathi, Hindi & English
Permanent address:	Flat No.116, C-Wing, Shubham Residency, Tilhari, 4 th Mile, Mandla Road, Jabalpur-482 020 Madhya Pradesh (India)

Address for Communication:	Northern Regional Centre, Zoological Survey of India, (Ministry of Environment, Forest & Climate Change, Government of India) 218, Kaulagarh Road, Dehradun-248 195 Uttarakhand)
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Academic Credentials:

Degree	University/Institution	Year of passing	Subjects
PhD.	Rani Durgawati University, Jabalpur	2014	Life Science (Faculty) Zoology (Entomology)
M.Sc. (Zoology)	RTM, Nagpur University	1996	Cytology and Genetics, Environment and Development Biology, Specialization in Fish & Fisheries
B.Sc.	RTM, Nagpur University	1994	Zoology, Botany and Chemistry

PhD.Thesis: "Bioefficacy of entomopathogenic nematodes native to Madhya Pradesh for the management of major forest insect pests".
 Institute: Tropical Forest Research Institute, (ICFRE), Jabalpur
 University: Rani Durgawati University, Jabalpur, Madhya Pradesh, India
 Supervisor: Dr. Nitin Kulkarni, Scientist-G & Director, Institute of Forest Productivity, Ranchi
 Co-supervisor: Dr. Rita Bhandari, Prof. & Head of Department of Zoology, OFK College, Jabalpur
 Year of Award: 2014

Work experience (in chronological order):

S. No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Scientist-D	Northern Regional Centre, Zoological Survey of India, (Ministry of Environment, Forests & Climate Change, Govt. of India) Dehradun	22 nd May 2017	Onward	Rs.78,800/-
2	Research Officer-Grade-I	Tropical Forest Research Institute, Jabalpur (Indian Council of Forestry Research & Education, A autonomous body of Ministry of Environment, Forests & Climate Change, Govt. of India)	14 th January 2015	19 th May 2017	Rs.9300-34800/- + 4600/-Grade Pay
3	Research Assistant Grade-I	Tropical Forest Research Institute, Jabalpur (Indian Council of Forestry Research & Education, A autonomous body of Ministry of Environment, Forests & Climate Change, Govt. of India)	28 th August 2006	13 th January 2015	9300-34800/- + Rs.4200/-Grade Pay
4	Research Assistant Grade-I	Arid Forest Research Institute, Jodhpur (Indian Council of Forestry Research & Education, A autonomous body of Ministry of Environment, Forests & Climate Change, Govt. of India)	20 th February 1997	26 th August 2006	Rs.4500-7000/-

Publications (List of papers published in SCI Journals, in year wise descending order).

Total Publications (ALL):	103
International (No.):	04
National (No.):	31
Books (No.):	-
Book Chapters (No.):	04
Paper Presented in Seminars, Symposia, Workshop and Conferences (No.) :	37
Technical Bulletin in Marathi	01
Popular Articles in English	02
Popular Articles in Hindi	15
Popular Articles in Marathi	09

International Journals:

1. **Paunikar, S. (2015)** *Myloccerus Spp.*, Serious Pest of Tree Seedlings In Forest Nurseries Of North-Western and Central India. *Biolife*, **3(1)**: 353-355. **Impact Factor (4.175)**.
2. **Paunikar, S.**, Tiple, A., Jadhav S.S. and Talmale S.S. (2012). Studies on Ichthyofaunal Diversity of Gour River, Jabalpur, Madhya Pradesh, Central India. *World Journal of Fish and Marine Sciences* **4 (4)**: 356-359.
3. Kulkarni N., **Paunikar, S.**, Hussaini S.S. and Joshi K.C. (2011). Susceptibility of teak skeletonizer, *Eutectona machaeralis* Walker to EPN, *Heterorhabditis indica* Poinar. *World Journal of Zoology*, **6(1)**: 33-39.
4. Kulkarni, N., **Paunikar S.**, Joshi K. C. and Rogers J. (2009). White grubs, *Holotrichia rustica* (Burm.) and *Holotrichia mucida* Gyll. (Coleoptera: Scarabaeidae) as pests on teak (*Tectona grandis* L. f.) seedlings. *Insect Science*, **16**: 519-525. **Impact Factor (1.514)**.

National Journals:

1. Kulkarni N. and **Paunikar, S. (2017)**. Evaluation of Some Biopesticidal Formulations against Teak (*Tectona grandis* Linn. f.) Skeletonizer, *Eutectona machaeralis* Walker (Lepidoptera: Pyralidae) in India. *American Journal of Agriculture and Forestry*; **5(1)**: 12-15.
2. **Paunikar, S. (2017)**. Diversity and distribution of amphibian in the forest ecosystem of Tropical Forest Research Institute Campus, Jabalpur, Madhya Pradesh. *Newsletter of frog leg*, 129 In: *Zoo's Print* **32(4)**: 7-10.
3. Kulkarni N., Mishra V. and **Paunikar, S. (2017)**. Infectivity of native populations of entomopathogenic nematodes against teak defoliators, *Journal of Entomology and Zoology Studies*, **5(6)**: 639-643.
4. Kulkarni N., Mishra V., Daksh, S. and **Paunikar, S. (2016)**. Response of native entomopathogenic nematode, *Steinernema* Spp. (TFRIEPN-57) isolated from central India to variation in temperature and soil moisture. *Journal of Environmental Biology*, Vol. **3**, 399-406. **Impact Factor (NAAS: 6.56)**.
5. **Paunikar, S.**, Talmale S.S. and Gupta, D. (2015). Food Habits of Spotted Owlet, *Athene brama* (Temminck, 1821) in the Campus of Tropical Forest Research Institute, Jabalpur: an Ecological representation of Central India. *Ambient Science* **2(1)** Online <http://www.caves.res.in/journal//c.htm>.

6. **Paunekar, S. (2015).** Wild life mortality on the road by heavy traffic movements near Dumna Nature Reserve, Jabalpur, Madhya Pradesh. *Indian Journal of Forestry*, **38 (3)**: 209-214. **Impact Factor (NAAS: 3.39).**
7. **Paunekar, S. (2014).** Road accident of reptiles by the heavy traffic movements in and around Tropical Forest Research Institute, campus, Jabalpur, Madhya Pradesh, central India. *The Indian Forester (Wild Life Special Issue)*. **140 (10)**: 988-992. **Impact Factor (NAAS: 4.27).**
8. **Paunekar, S. (2014)** Observation on black-naped hare (*Lepus nigricollis*) in Tropical Forest Research Institute, campus, Jabalpur, Madhya Pradesh. *Rec. zool. Surv. India*: **111(Part-4)**: 25-27.
9. **Paunekar, S. (2014).** Status of Reptiles Fauna in Tropical Forest Research Institute, Campus, Jabalpur, Madhya Pradesh. *Indian Journal of Forestry*, **37 (4)**: 403-408. **Impact Factor (NAAS: 3.39).**
10. **Paunekar, S. (2013).** Butterfly fauna of Rani Durgawati University Campus, Jabalpur, Madhya Pradesh, Central India. *Indian Journal of Forestry* **36(2)**:289-294. **Impact Factor (NAAS: 3.39).**
11. Kulkarni N., **Paunekar S.**, Mishra V. and Daksh S. (2013). Tolerance of entomopathogenic nematode, *Steinernema carpocapsae* to some modern insecticides and biopesticides. *Annals of Entomology*, **31(1)**: 129-134. **Impact Factor (NAAS: 3.35).**
12. Kumar S. and **Paunekar S. (2013).** *Atteva fabriciella* (Lepidoptera: Ypomomeutid) A serious pest of *Ailanthus excelsa* in forest nurseries and plantations of Rajasthan. *Bugs R All No.20 (Newsletter of the Invertebrate Conservation & Information Network of South Asia)*: Pp-20-21.
13. Kulkarni N., **Paunekar S.** and Singh, R.B. (2013). Record of Elaterid, *Agrypnus fuscipes* (Fabricius) from Maharashtra and potentiality as predator on white grubs of *Holotrichia rustica* (Burm.) in forest nursery. *Indian Journal of Tropical Biodiversity*, **21(1&2)**:143-144. **Impact Factor (NAAS: 3.47).**
14. **Paunekar, S.**, Mishra V., Kulkarni N. and Hussaini S.S. (2012). Tolerance of EPN, *Heterorhabditis indica* to some biopesticides. *Pestology*, xxxvi, 41-49. **Impact Factor (NAAS: 2.76).**
15. Kulkarni N., **Paunekar, S.** and Singh, R. B. (2012). Efficacy and Field persistence of some insecticides against the white grub beetles, *Holotrichia rustica* (Burm.) (Scarabaeid: Melolonthinae). *Indian Journal of Entomology*, **74 (2)**: 105-107. **Impact Factor (NAAS: 4.30).**
16. Tiple A., **Paunekar S.** and Talmale S.S. (2012). Dragonfly and damselfly (Odonata: insect) of Tropical Forest Research Institute, Jabalpur, Madhya Pradesh (Central India). *Journal of Threatened Taxa*, **4 (4)**: 2529-2533. **Impact Factor (NAAS: 4.72).**
17. **Paunekar, S. (2012).** Killing of Indian Jackal (*Canis aureus indicus* Hodgson) by the heavy traffic movements at highways of the tropical forest areas of Jabalpur, Madhya Pradesh, Central India. *The Indian Forester (Wild Life Special Issue)*. **138 (10)**:971-972. **Impact Factor (NAAS: 4.27).**
18. Kulkarni N., Kushwaha D., **Paunekar, S.**, Mishra V. (2012). Economizing the artificial diet for Greater waxmoth, *Galleria mellonella*. *Indian Journal of Entomology*, **74(4)**:369-374. **Impact Factor (NAAS: 4.30).**

19. **Paunikar S.** and Talmale S.S. (2012). Observations on nesting behaviour of five striped squirrel, *Funambulus pennanti*, Wroughton in Indian Thar Desert of Rajasthan. *Small Mammal Mail - Bi-Annual Newsletter of CCINSA & RISCINSA* 42, **4 (2)**: 42-43.
20. **Paunikar S.** (2012). Infestation of five striped squirrel, *Funambulus pennanti* in the forest nurseries of Jabalpur, Central India. *Bionotes*, **14(3)**: 94.
21. Kulkarni N., Rizvi, A., Vikas Kumar, **Paunikar S.** and Mishra V. (2012). Morphological and molecular characterization of *Steinernema dharnaii* sp. N. (Nematoda: Steinernematidae): An Entomopathogenic Nematode from India. *Indian Journal of Tropical Biodiversity* **20(2)**:107-116. **Impact Factor (NAAS: 3.47)**.
22. **Paunikar, S.** (2011). Observation of Jungle cat (*Felis chaus*) in Tropical Forest Research Institute, campus, Jabalpur, Madhya Pradesh. *Rec. zool. Surv. India*: **111**(Part-4): 25-27.
23. **Paunikar, S.**, Kulkarni N., Mishra V., Tiple A., and Hussaini S.S. (2010) Susceptibility of Teak Skeletonizer, *Eutectona machaeralis* Walker to *Steinernema carpocapsae*. *Hislopia Journal*, **1(2)**:165-170.
24. **Paunikar S.**, Mishra, V. K., Bhandari R. and Kulkarni N. (2010). Entomopathogenic nematodes as biological control agents in insect pests management. *Vaniki Sandesh*, **1 (4)**: 11-17.
25. Tiple A., Kulkarni N., **Paunikar, S.** and Joshi K.C. (2010). Avian fauna of Tropical Forest Research Institute, Jabalpur central India. *Indian Journal of Tropical Biodiversity*, **18 (1)**: 165-171. **Impact Factor (NAAS: 3.47)**.
26. Kumar S. and **Paunikar S.** (2010). *Myloccerus undecimpustulatus* Faust (Coleoptera: Curculionidae): A new pest record on neem from India. *Indian Journal of Tropical Biodiversity* **18(2)**:239-242. **Impact Factor (NAAS: 3.47)**.
27. Kumar S. and **Paunikar, S.** (2010). *Acacia ampliceps*: A new host of *Caryedon serratus* from India. *Indian Journal of Tropical Biodiversity*, **18(2)**:263-264. **Impact Factor (NAAS: 3.47)**.
28. Kulkarni N., **Paunikar S.**, Hussaini, S.S. and Joshi, K.C. (2008). Entomopathogenic Nematodes in insect pest management of forestry and plantations crops: An appraisal. *Indian Journal of Tropical Biodiversity*, **16 (2)**: 156-165. **Impact Factor (NAAS: 3.47)**.
29. **Paunikar, S.** and Ahmed, S.I. (2002). Observation on infestation of five striped squirrel, *Funambulus pennanti*, Wroughton, in the forest nurseries of arid and semi-arid zones. *Rodent Newsletter*, **26 (3)**: 9-10.
30. Ahmed, S.I. Kumar Shivesh and **Paunikar, S.D.** (2000). Biological control of *Streblote siva* through NPV and natural enemy complex of insect pests of *Prosopis cineraria* in Rajasthan. *Indian Journal of Forestry*, **23(3)**: 305-311. **Impact Factor (NAAS: 3.39)**.
31. Sundararaj, R, Chouhan, S and **Paunikar, S.D.** (1998). Field evaluation of two neem formulations alone and in combination with chloropyrifos against rohida defoliator *Patialus tecomella*, Pajni, Kumar and Rose (Curculionidae: Coleoptera). *Pestology*, **(12)** No.6, 29-31. **Impact Factor (NAAS: 2.76)**.

Conferences/seminars.

1. **Paunikar, S.**, Kulkarni, N., and Mansoor Ahmad. (2015). Susceptibility of white grub, *Holotrichia rustica* (Coleoptera: Scarabaeidae) to Entomopathogenic Nematode,

- Steinernema carpocapsae*. Paper Presented at *National Seminar on Recent Trends in the thrust areas of Life Sciences*" at Dept. of Biosciences Sri Guru Tegh Bahadur Khalsa College, Jabalpur on 10th- 11th January 2015. Abstract Pp.33-34.
2. Kulkarni, N., Chandra.,S., Arse, S., Kori, B. Mansoor Ahmad, and **Paunikar, S. (2015)**. Honey Bee as Pollinators: Prospects in Forestry. Paper Presented at *National Seminar on Recent Trends in the thrust areas of Life Sciences*" at Dept. of Biosciences Sri Guru Tegh Bahadur Khalsa College, Jabalpur on 10th- 11th January 2015. Abstract Pp.27 -28.
 3. Mansoor Ahmad, Kulkarni, N. and **Paunikar, S. (2015)**. White Grubs: The Major Pest of Seedlings in Forest Nurseries in Central India. Paper Presented at *National Seminar on Recent Trends in the thrust areas of Life Sciences*" at Dept. of Biosciences Sri Guru Tegh Bahadur Khalsa College, Jabalpur on 10th- 11th January 2015. Abstract Pp.23-24.
 4. Kulkarni, N., **Paunikar, S.** and Mishra, V.K. **(2014)**. Entomopathogenic Nematodes from forest floors of Madhya Pradesh and their use against forest insect pests. Paper Presented at *National Conferences INTERFACE on "Management of Economically Important Insects in India"* at JNKV, Jabalpur on 16th August 2014. Abstract Pp. 50-51.
 5. Kulkarni, N., **Paunikar, S.**, Mishra V. Daksh, S. and Hussaini, S.S. **(2013)**. Efficacy of entomopathogenic nematodes, *Heterorhabditis indica* against bamboo leaf roller, *Crypsiptya coclesalis* Walker (Lepidoptera: Pyralidae). Paper presented at *"International Conference on Insect Science"* at University of Agricultural Science, Bangalore on February 14th-17th, 2013. Abstract Pp-21.
 6. Kulkarni, N., **Paunikar, S.**, Mishra V. Daksh, S. and Roychoudhary, N. **(2013)**. Insect pest management options with special references to biodiversity conservation: Retrospect and Prospects. Paper Presented at *VIIIth National Conferences on Biotechnology, Biodiversity and Environment*" at Rewa (M.P.) on April 19th -20th, 2013. Abstract Pp-26-27.
 7. Kulkarni, N., **Paunikar, S.**, Mishra, V. and Bhandari, R. **(2012)**. Entomopathogenic Nematodes: A potential biocontrol agent against forest insect pest management. Paper presented at National Conference on *Forest, Environment and Climate change: Issue and Challenge* on 30-31 January 2012 at Guru Ghasidas Vishwavidlaya (Central University), Bilaspur. Abstract- Pp-55-56.
 8. Kulkarni, N., **Paunikar S.**, Mishra, V. and Daksh, S. **(2012)**. Entomopathogenic Nematodes as Biological Control Agents for soil insect pests in forest nurseries: Status, Challenges and Prospects. Paper presented at National Seminar on *Forest Health Management (FHM-2012)* on 21st-22nd March, 2012 at Institute of Forest Genetics and Tree Breeding, Coimbatore. Abstract –Pp-86.
 9. **Paunikar, S. (2011)**.Need to conservation and protection of wild life wealth of Mahakaushal region of Madhya Pradesh. Paper Presented in *"National Seminar on "Progress in Life sciences in Human welfare"* at Govt. (Autonomous) Model Science College, Pachpedhi, Jabalpur on 5th-6th February 2011. Abstract Pp.44.
 10. **Paunikar, S.**, Mishra V., Kulkarni, N. and Bhandari R. **(2011)**. Virulence of entomopathogenic nematodes, *Heterorhabditis indica* against the teak defoliator, *Hyblaea parea* Cramer (Lepidoptera: Hyblaeidae). Paper presented at National Seminar on *Progress in Life Sciences for welfare of Human*" 5th-6th February 2011 at Govt. Model Science College (Autonomous), Jabalpur. Abstract Pp. 38.
 11. Kulkarni N., **Paunikar, S.** and Mishra V., **(2011)**. Pathogenicity of entomopathogenic nematodes, *Heterorhabditis indica* against the *Spirama retorta* Cramer (Lepidoptera: Noctuidae). Paper presented at International Symposium on *Insect Pest Management*"

- 23th-25th February 2011 at Entomology Research Unit, St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu. Abstract Pp.55.
12. **Paunikar, S.** and Tiple, A. (2011). Diversity of herpetofauna of Tropical Forest Research Institute campus, Jabalpur, Madhya Pradesh, India. Paper presented at "National Seminar on Environment and Biodiversity of India on 20th-22nd December 2011" at New Delhi. Abstract Pp-11.
 13. **Paunikar S.** (2011). Road kill of wild animals by highway traffic in and around Jabalpur Forest Division, Madhya Pradesh, India. Paper presented at "National Seminar on Environment and Biodiversity of India on 20th-22nd December 2011" at New Delhi Abstract. Pp-10.
 14. **Paunikar, S.,** Kulkarni, N. and Mishra, V. (2011). Infectivity of two native EPN strains, *Steinernema* spp., against wax moth, *Galleria mellonella*. Paper presented at 3rd *Biopesticide International Conference* (BIOCACION-2011), 28th -30 November 2011 at Crop Protection Research Centre, Department of Advanced Zoology and Biotechnology, St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu. Abstract Pp.55.
 15. Kulkarni, N., **Paunikar, S.,** Mishra, V. and Bhandari, R. (2011). Effect of environmental factors on Survival of Entomopathogenic Nematodes. Paper presented at National Seminar on "Emerging Issues in Environment Management" on 22th & 23th December 2011 at Govt. Mankuwarbai Art and Commerce (Autonomous), Mahila College, Jabalpur. Abstract-Pp-75.
 16. Mishra, V., Kulkarni, N., **Paunikar, S.** and Bhandari, R. (2011). Economical modification in the laboratory multiplication method of wax moth larvae, *Galleria mellonella* (Lepidoptera : Pyralidae, L). Paper presented at National Seminar on "Emerging Issues in Environment Management" on 22th & 23th December 2011 at Govt. Mankuwarbai Art and Commerce (Autonomous), Mahila College, Jabalpur. Abstract-Pp-77.
 17. **Paunikar, S.,** Mishra V.K. and Kulkarni N. (2010). Entomopathogenic nematodes in the tropical forests of central India. Paper presented in "National Conference on Biodiversity & Biotechnology Biodiversity Resources Management & Sustainable Development "November 16th -17th, 2010 at Rewa (M.P.). Abstract Pp.
 18. Tiple A. D., Joshi K. C., **Paunikar, S.** and Kulkarni N. (2010). Butterfly Species Diversity of Tropical Forest Research Institute, Jabalpur, Madhya Pradesh. Paper Presented at 3rd *Asian Lepidoptera Conservation Symposium and Training (3ALCS-2010)*, 25-29 October-2010, Coimbatore, Tamil Nadu, India. Abstract Pp.37.
 19. **Paunikar, S.** (2010). Mammals diversity of Tropical Forest Research Institute, Campus, Jabalpur, Madhya Pradesh, Central India. Paper presented in "National Conference on Biodiversity & Biotechnology Biodiversity Resources Management & Sustainable Development "November 16th -17th, 2010 at Rewa (M.P.). Abstract Pp.65.
 20. **Paunikar, S.** (2010). Amphibian fauna of Tropical Forest Research Institute, Campus, Jabalpur, Madhya Pradesh, Central India. Paper presented in "National Conference on Biodiversity & Biotechnology Biodiversity Resources Management & Sustainable Development "November 16th -17th, 2010 at Rewa (M.P.). Abstract Pp.67.
 21. Mishra V. K., **Paunikar S.** and Kulkarni N. (2010). Bacterial symbiotic from the entomopathogenic nematodes native to central India and their role in management of insect pests. Paper presented in "National Seminar on Current Advances in Bioscience: Application in Health, Environment and Agriculture," November, 23-24, 2010" at Hitkarni Mahila College, Jabalpur. Abstract Pp.
 22. **Paunikar, S.** (2010). Mortality of reptiles fauna in road accident by heavy traffic movements in and around Tropical Forest Research Institute, Campus, Jabalpur,

- Madhya Pradesh, Central India. Paper presented " *National Seminar on Current Advances in Bioscience: Application in Health, Environment and Agriculture*, November, 23-24, 2010" at Hitkarni Mahila College, Jabalpur. Abstract Pp.44.
23. Mishra V.K., **Paunikar S.**, Kulkarni N., Hussaini S.S. and Joshi K.C. (2010). Infectivity to the waxmoth, *Galleria mellonella* and effect of temperature of native strain entomopathogenic nematodes, *Steinernema* spp (Strain TFRIEPN 8.1). Paper presented in "*3rd Conference on Biopesticides: Emerging Trends- Biopesticides in Food and Environmental Security, October 20-22, 2010 at CCS Agriculture University, Hissar*. Abstract Pp-94-95.
 24. **Paunikar, S.**, Kulkarni, N., Mishra, V, Tiple, A. and Joshi, K.C. (2010). Need to explore the entomopathogenic nematodes (EPN) diversity in Achanakmar-Amarkantak biosphere reserve. Paper Presented in "*National Symposium on Deccan Biodiversity co-existence of faunal species in changing landscape, 2-3 December, 2010 at Osmania University, Hyderabad*. Abstract Pp.6.
 25. **Paunikar, S.**, Joshi K.C. and Kulkarni, N. (2010). Road accident of wild animals by heavy vehicle traffic in and around Achanakmar-Amarkantak biosphere reserve. Paper Presented in "*National Symposium on Deccan Biodiversity co-existence of faunal species in changing landscape, 2-3 December, 2010 at Osmania University, Hyderabad*. Abstract Pp. 8.
 26. Kulkarni N. and **Paunikar S.** (2009). Record of Elaterid, *Agrypnus fuscipes* (Fabricius) from Maharashtra and potentiality as predator on white grubs of *Holotrichia rustica* (Burm.) in forest nursery. "*National Symposium on IPM Strategies to Combat Emerging Pests in the Current Scenario of Climate Change*" January 28-30, held at College of Horticulture and Forestry Central Agricultural University. Pasighat, Arunachal Pradesh (Eds. V.V.Ramamurthy and B. Subrahmanyam).
 27. Kulkarni N., Mishra V. K., **Paunikar S.** and Kakkar A. (2009). Growth inhibition effect of *Annona squamosa* crude extracts on the larvae of teak skeletonizer, *Eutectona machaeralis* (Walk.) (Lepidoptera: Pyralidae) "*National Symposium on IPM Strategies to Combat Emerging Pests in the Current Scenario of Climate Change*" January 28-30, 2009 held at College of Horticulture and Forestry Central Agricultural University. Pasighat, Arunachal Pradesh (Eds. V.V.Ramamurthy and B. Subrahmanyam).
 28. Kulkarni, N. **Paunikar, S.** and Hussaini, S.S. (2009). Tolerance of EPN, *Heterorhabditis indica* to some common insecticides useful for developing IPM strategy against forest insect pests. Paper presented at "*5th International Conference on Biopesticides: Stakeholders Perspective (ICOB-V 2009)*", 26th -30th April, 2009 at New Delhi. Abstract Pp.174.
 29. **Paunikar S.**, Kulkarni N., Mishra V., Tiple A., Hussaini S.S. and K.C. Joshi (2009). Compatibility of entomopathogenic nematodes, *Heterorhabditis indica* to some selected biopesticides. Paper presented in "*International Conference on Biowealth Management for Sustainable Livelihood (ICBMSL-2009)*, 20th-22nd Nov., 2009, at Ranchi". Abstract- Pp 67.
 30. **Paunikar, S.**, Mishra V., Tiple A., Kulkarni N., and Hussaini S.S. (2009). Susceptibility of teak skeletonizer, *Eutectona machaeralis* Walker to *Steinernema carpocapsae*. Paper presented at "*2nd Bhartiya Vigyan Sammelan on 1st December to 3rd December 2009*" at Indore. Abstract Pp.6.
 31. Kulkarni, N., **Paunikar, S.**, Mishra, V. K., Tiple, A. and Joshi, K. C. (2009). Isolation and exploitation of symbiotic bacteria from Entomopathogenic Nematodes for insect pest management: Prospects and Challenges. Paper Presented in "*National Seminar on*

- Biotechnology for the 21st Century: New Horizons*, St. Aloysius ' College Jabalpur, Dec., 18- 19, 2009." Abstract Pp.9
32. Kulkarni N. and **Paunikar, S. (2009)**. Temperature and insecticidal tolerance of entomopathogenic nematodes: a useful tool for developing IPM strategy against forest insect pests. Paper presented at *National Forestry Conference Feb., 9-11, 2009*. Forest Research Institute, Dehradun. Abstract Pp.177-178.
 33. Kulkarni N., **Paunikar S.**, Hussaini S.S. and. Joshi K.C., **(2008)**. Susceptibility of teak skeletonizer, *Eutectona machaeralis* Walker to the entomopathogenic nematode, *Heterorhabditis indica* Poinar. Paper presented on National Symposium on "**Ecofriendly insect pest management**", Loyala College, Chennai, Feb. 7-8, 2008 .Abstract, 32p.
 34. Kulkarni N., Singh R. B., **Paunikar S.** and Joshi K. C. **(2008)**. Evaluation of some biopesticides against teak (*Tectona grandis* Linn. f.) skeletonizer, *Eutectona machaeralis* Walker (Lepidoptera: Pyralidae). Paper presented on National Symposium on "**Ecofriendly insect pest management**", Loyala College, Chennai Feb. 7-8, 2008. Abstract, 14p.
 35. Kulkarni, N., Singh, R.B., **Paunikar, S.** and Joshi, K.C. **(2008)**. Evaluation of some insecticides against the chafer beetles, *Holotrichia rustica* (Burm.) damaging seedlings of teak (*Tectona grandis* L. f.). Paper presented in National Conference on *Pest Management Strategies for Food Securities*, May, 2nd – 3rd, 2008, at Indira Gandhi Krishi Vishwavidyalaya, Raipur (C.G.) India.
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Any other Information:

MEMBER OF NATIONAL AND INTERNATIONAL SOCIETIES/ ORGANAZATION

1. Life member of INTELCOL (International Society of Ecology)
2. Life member of Society for Biocontrol Advancement, Bangaluru (India)
3. Life member of Society of Promotion of Tropical Biodiversity, Jabalpur (India)
4. Member of International Journal of Biodiversity and Conservation

