


Information on Scientific Staff for Updating ZSI Website

SI No	Field	Details	Remarks			
1	Name		Dr. S. Sambath			
2	Recent Passport Size Photograph					
3	Designation		Scientist – ‘C’			
4	Official Address		Zoological Survey of India Central Zone Regional Centre Plot No.: 168/169 Scheme No.: 05 Vijay Nagar, Jabalpur – 482 002 Madhya Pradesh			
5	E-mail		Sambath63@gmail.com			
6	Mobile/Contact Number		09300567303/0761-2641792; 2641421			
7	Broad Area of Specialization		Entomology			
8	Taxa Expertise		Lepidoptera (Butterflies & Moths), Bio-ecological studies on Lepidoptera; Coleoptera (Coccinellidae) & Mantodea (Preying matids)			
9	Complete list of publications		Arrange publications in following sub headings: <ol style="list-style-type: none"> 1. Books 2. Monographs 3. Papers in journals 4. Papers in Symposium proceedings 5. Popular articles 6. Online articles/checklists/other resources (provide URL) 7. Softwares/Electronic keys (provide URL) 			
10	Details of Taxa Described	Taxa name with author and year	Class	Order	Family	Publication Details
	-	-	-	-	-	-

Complete list of publications

1. **Books** : Nil.
 2. **Monographs** : Nil.
 3. **Papers in Journals** : 30
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1. Joshi, K.C., P.B. Meshram, **S. Sambath**, (Km) Usha Kiran, S. Humane and G.N. Kharkwal. 1992. Insect pests of some medicinal plants in Madhya Pradesh. *Indian J. Forestry*, **15**(1):17-26.
 2. Roychoudhury, N., K.C. Joshi, **S. Sambath** and D.K. Pandey. 1994. Effectiveness of three varietal toxins of *Bacillus thuringiensis* against teak leaf skeletonizer, *Eutectona machaeralis* Walker (Pyralidae). *Myforest*, **30**(1):57-60.
 3. Joshi, K.C., N. Roychoudhury and **S. Sambath**. 1994. BT and forest insects control: A new approach. *Tropical Silvics*, **2**(1):12.
 4. P.B. Meshram, **S. Sambath** and K.C. Joshi. 1994. Neem an invaluable gift to Mankind. *Tropical Silvics*, **2**(1):13-14.
 5. Kulkarni, N., K.C. Joshi and **S. Sambath**. 1995. A new report of *Ascotis selenaria imparata* Walker (Lepidoptera : Geometridae) as a pest of *Pongamia pinnata* (L) Pierre. *Indian Forester*, **121**(3): 239-240.
 6. Roychoudhury, N., **S. Sambath**, S. Humane and K.C. Joshi. 1995. Relative toxicity of some insecticides against Ailanthus defoliator, *Atteva fabriciella* Swed. (Lepidoptera : Yponomeutidae). *Indian J. Forestry*, **18**(4): 309-311.
 7. Roychoudhury, N., **S. Sambath** and K.C. Joshi. 1995. New records of *Eurema blanda* Boisduval and *E. hecabae* Linn. (Lepidoptera : Pieridae) as a major pest of *Sesbania* spp. *J. Tropical Forestry*, **11**(10): 311-312.
 8. **S. Sambath**, N. Kulkarni and K.C. Joshi. 1996. Insects- As insect pest control agents. *Tropical Silvics*, **4**(6): 13.
 9. Joshi, K.C., Roychoudhury, N., **S. Sambath**, S. Humane and D.K. Pandey. 1996. Efficacy of three varietal toxins of *Bacillus thuringiensis* against Ailanthus defoliator, *Atteva fabriciella* Swed. (Lepidoptera : Yponomeutidae). *Indian Forester.*, **122**(11): 1023-1027.
 10. Kulkarni, N., Shamila Kalia, **S. Sambath** and K.C. Joshi. 1996. First report of *Ascotis selenaria imparata* Walk.(Lepidoptera : Geometridae) as a pest of *Moringa pterigosperma* Gertn. *Indian Forester*, **122**(11)1075-1076.
 11. Shamila Kalia, K.C. Joshi and **S. Sambath**. 1997. Record of *Euproctis divisia* Walker (Lepidoptera : Lymantriidae) as a new pest of *Albizia procera* from India. *Indian Forester*, **123**(9): 867.

12. Joshi, K.C., **S. Sambath** and S. Humane. 1997. Biological control of insect pests. Proceedings of National Workshop on Linkages between Forestry Research and Forestry Practices (Joshi, K.C., Singh, R.P., Pant, S.C. and Raturi, A.S. eds.), pp. 76-81, ICFRE, Dehardun, May, 13-14.
13. Roychoudhury, N. and **S. Sambath**. 1998. Pest status, growth and development of *Eurema blanda* (Boisduval (Lepidoptera : Pieridae) on *Albizia procera* (Roxb) Benth. *Indian J. Forestry*, **21**(2): 160-163.
14. **Sambath, S.** and K.C. Joshi. 1999. Relative toxicity of some insecticides tested against the larvae of *Albizia* foliage feeder, *Spirama retorta* Cram. (Lepidoptera : Noctuidae). *Indian J. Ent.*, **61**(3): 275-278.
15. Roychoudhury, N., Joshi, K.C. and **Sambath, S.** 2000. *Bacillus thuringiensis* Berliner: A promising Biological insecticides. *Tropical Silvics*,**2**: 1-2.
16. Kulkarni, N., Roychoudhury, N., **Sambath, S.** and Joshi, K.C. 2000. Judicious use of pesticides for the enhancement of productivity. Proceedings of “National Seminar on Sustainable Forest management through People Participation” (P.K. Shukla, U. Prakasam, Alka bhargava, Amit Sahai, Sandeep Kumar, S. K. Banerjee and Pragya Sharma Eds.), ICFRE, Ford Foundation Project from 7-8th Feb., 2000: 195.
17. Roychoudhury, N., Joshi, K.C. and **Sambath, S.** and Rupali Pal. 2000. New records of *Euproctis lunata* and *E. subnotata* Walker on *Sesbania sesban* (L.) Merrill *Van Anusandhan*.
18. Joshi, K.C., **S. Sambath** and Shalini Humane. 2000. Biological control by parasitoids and predators. *Recent trends in Insect pest control to Enhance Forest Productivity* (Shukla, P.K. and Joshi, K.C. Eds.) held at Tropical Forest Research Institute, Jabalpur, India, on 25th September, 2000, 138-171pp.
19. Joshi, K.C., **S. Sambath** and Seema Singh. 2000. Chemical pesticides and their safer use. *Recent trends in Insect pest control to Enhance Forest Productivity* (Shukla, P.K. and Joshi, K.C. Eds.) held at Tropical Forest Research Institute, Jabalpur, India, on 25th September, 2000, 1-16 pp.
20. Roychoudhury, N., **S. Sambath** and K.C. Joshi. 2003. *Spermophagous* sp. (Coleoptera:Bruchidae) – A new record of seed pest in *Sesbania sesban* (L.) Merrill. *The Indian Forester*, **129**(5): 657-660.
21. **Sambath, S.** and K.C. Joshi. 2004. Bionomics of *Spirama retorta* Cram (Lepidoptera : Noctuidae). *Indian Journal of Entomology*, **66**(2): 102-106.
22. Roychoudhury, N., **S. Sambath** and K.C. Joshi. 2004. Girth class of sal trees prone to the attack of heartwood borer, *Hoplocerambyx spinicornis* Newman (Coleoptera : Cerambycidae). *The Indian Forester*, **130**(12): 1403-1409.
23. Joshi, K.C., Roychoudhury, N., N. Kulkarni and **S. Sambath**. 2006. Sal heartwood borer in Madhya Pradesh. *The Indian Forester*, **132**(7): 799-808.

24. Joshi, K.C., **S. Sambath**, Mohd. Yosuf , S. Chander, N. Roychoudhury and N. Kulkarni. 2007. Evaluation of *Trichogramma* spp. to minimize the attack of teak leaf skeletonizer. *Indian Forester*, Vol. **133**(4): 527-533.
25. **Sambath, S.** 2009. A preliminary list of moths (Heterocera: Lepidoptera) from Dalma Wildlife Sanctuary, Jharkhand. *Bionotes*, **11**(1): 18-19.
26. **Sambath, S.**, Joshi, K.C. and Krishnamurthy. 2009. Effectiveness of three varietal toxins of *Bacillus thuringiensis* against the larvae of *Albizia* foliage feeder, *Spirama retorta* Cram. (Lepidoptera : Noctuidae). *Indian J. Forestry*, **32**(1): 99-102.
27. **Sambath, S.**, Joshi, K.C. and Krishnamurthy. 2009 Effect of temperature and relative humidity on the different life stages of *Spirama retorta* Cram (Lepidoptera : Noctuidae). *Indian Forester*, **135**(5): 583-594.
28. Sureshan, P.M. and **Sambath, S.** 2009. Mantid (Insecta : Mantodea) fauna of old Bihar.(Bihar and Jharkhand) with some new records for the state. *Rec. Zoo. Surv. India*, **109** (Part-3) : 11-26.
29. **Sambath, S.** 2010. Insect species diversity in Bamboos. In: Conservation and Management of Bamboo Resources (ed. Nath *et al.*), Institute of Forest Productivity, Ranchi, Jharkhand.
30. **Sambath, S.** 2010. Coccinellid beetles occurring in Bihar, with four new records. *Bionotes*, **12**(2): 63-34.