

ICAR-AINP ON SAP MAIN CENTRE, KARNATAKA

Research Papers

1. Aparna, S., Deepak Naik and Kumar, A.R.V., 2018. Structural composition and diversity of Scarab beetle communities in different ecosystems of South Karnataka. *J. Entomol. Zool. Stud.*, **6**(5): 61-66.
2. Kumar, N.G., Prakash, K.V., Nirmala, P. and Avinash, T.G., 2018. Impact of earthen sheeting's of *Odontotermes horni* (Wasmann) and surrounding soil on the growth of finger millet crop. *J. Soil Biol. Ecol.* 38 (1&2): 213-222.
3. Kumar, N.G., Prakash, K.V. and Avinash, T.G., 2020. The weight of termites [*Odontotermes horni* (Wasmann)] replaced soil with the height of sheeting on the trees. *J. Soil Biol. Ecol.* **40**(1): 36-39.
4. Kumar, N.G., Prakash, K.V. and Avinash, T.G., 2020. Comparative physical properties of four species of *Odontotermes* in red sandy loam soil. *J. Soil Biol. Ecol.* 40 (2): 17-25.
5. Kumari Manju, D. Manjulakumari and Kumar, A.R.V. 2013. Evaluation of local *Bacillus thuringiensis* from the soils of Western Ghats Karnataka and their potential against white grub, *Holotrichia serrata* (F.) (Coleoptera) and house fly, *Musca domestica* L. (Diptera). *Asian Journal of Bio Science*, **8**(2): 221-224.
6. Nayimabanu T. and A.R.V Kumar, 2015. Characterization and toxicity studies of *Bacillus thuringiensis* against white grub, *Holotrichia serrata*. *Asian Jr. of Microbiol. Biotech. Env. Sc.* 17 (1): 213-218
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9. Prabhuraj, A., Viraktamath, C.A. and Kumar, A.R.V. 2003b. Evaluation of silkworm larva and root grub for the in vivo mass production of entomopathogenic nematodes. *Indian J. Ent.*, **65**(1): 34-37.

10. Prakash, K.V. and Nirmala. P., 2020. Catalogue of Hybosoridae of the Indian Subcontinent. *J. Soil Biol. Ecol.* **40** (1): 46-61.
11. Prakash, K.V. and Rajanna. D., 2020. Farmers' perception and management practices of areca nut white grubs, *Leucopholis* spp. (Coleoptera: Scarabaeidae) in Karnataka. *J. Soil Biol. Ecol.* **40** (2): 63-76.
12. Prakash, K.V., Jacob, J. and Nirmala. P., 2020. Taxonomic status of genera *Holotrichia* Hope and *Leucopholis* Dejean (Scarabaeidae: Melolonthinae) of India. *J. Soil Biol. Ecol.* **40** (2): 40-51.
13. Prakash, K. V., Padmashri, H. S. and Rajanna, D. 2022. Assessment of yield loss in Vanilla, *Vanilla planifolia* Andrews (Orchidaceae) caused by the Giant African Snail, *Lissachatina fulica* (Bowdich, 1822). *Pest Management in Horticultural Ecosystems*, **28** (1): 38-46.
14. Prathibha P.S., Subaharan, K. and Kumar, A.R.V., 2017. Toxicity and dissipation of soil insecticides applied in the management of arecanut white grub, *Leucopholis burmeisteri* Brenkse (Coleoptera: Scarabaeidae). *Phytoparasitica.* **45**:155–163.
15. Suchithra Kumari, M.H. And Kumar, A.R.V., 2017, Diversity of scarab beetles attracted to light in two perennial agro-ecosystems of Mudigere. *Mysore J. Agric. Sci.*, **51**(2): 287-296.
16. Ali, T. M. M., 2001, Biosystematics of phytophagous Scarabaeidae-An Indian overview. **In:** *Indian phytophagous scarabs and their management: Present status and future strategy*, Eds., Sharma, G., Mathur, Y. S. and Gupta, R. B. L., Agrobios, Jodhpur., pp. 5–47.
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18. Patil, S.P. and Veeresh, G.K. 1981. Description of larvae (*Leucopholis burmeisteri* and *L. lepidophora*) (Scarabaeidae: Coleoptera). **In:** G.K. Veeresh (ed.) *Progress in Soil Biology and Ecology in India*, 1979, UAS Tech. Ser. No. **37**, pp.172-178.
1. Patil, S.P. and Veeresh, G.K. 1984a. Description of the third stage larva of *Anomalarruficapilla* Burm. (Rutelinae: Coleoptera). *J. Maharashtra Agric. Univ.*, **9**(1): 56-58.

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4. Patil, S.P. and Veeresh, G.K. 1985. Third stage larva of *Holotrichiarustica* Burmeister (Melolonthinae: Scarabaeidae: Coleoptera). *J. Soil Biol. Ecol.*, **5**(2): 116-119.
5. Patil, S.P. and Veeresh G.K., 1988a. Description of the larva of *Holotrichiasculpticolis* Blanchard (Coleoptera: Scarabaeidae: Melolonthinae). *Bull. Ent.*, **29**(1): 76-79.
6. Patil, S.P. and Veeresh, G.K. 1988b. The third stage larva of *Holotrichiafarinosa* Nonfried (Melolonthinae: Scarabaeidae). *J. Soil Biol. Ecol.*, **8**(2): 143-146.
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11. Veeresh, G.K., 1974. Nomenclature of the genus *Holotrichia* Hope, 1837. White grubs *Newsletter*, **1**(2): 17-18.
12. Veeresh, G.K., 1981. Larval taxonomy of white grubs with special reference to Melolonthinae beetles. Final Project Report, ICAR Adhoc Project on Larval Taxonomy of Melolonthinae beetles, 1977-80, Dept. of Entomology, UAS, Bangalore.
13. Veeresh, G.K. and Reddy, N.V.M. 1978. Some aspects of larval taxonomy of white grubs of Karnataka - India. In: C.A. Edwards and G.K. Veeresh (eds.). *Soil Biology and Ecology in India*, UAS Tech. Ser. No. **22**: 216-222.

b. Bio-ecology and diversity of white grubs:

1. Aparna, S., ShanmugaBharathy M., Kumar, A.R.V. and Prakash, K.V. 2013. A comparative analysis of diversity of Scarabaeoidea in five different locations of

Karnataka.X-National Symposium on Soil Biology and Ecology organized by the Indian Society of Soil Biology and Ecology, Dept. of Entomology, UAS, Bengaluru from 19th to 21th December, 2013 at GKVK campus.

2. Aparna, S., Kumar, A.R.V. and Prakash, K.V. 2016. Body length ratio of Scarabs (Coleoptera:Scarabaeidae).XI-National Symposium on Soil Biology and Ecology organized by the Indian Society of Soil Biology and Ecology, Dept. of Entomology, UAS, Bangalore from 19th to 21th December, 2016 at GKVK campus.
3. Aparna, S., Deepak Naik, Kumar, A.R.V. and Prakash, K.V. 2016. Structural composition and diversity of Scarab beetle communities in different ecosystems. 40th Annual Conference of ESI and National Symposium on Behavioural Ecology and Management of Agriculturally Important Animals held from 27-28 December, 2016 at University of Agricultural and Horticultural Sciences, Shivamogga.
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10. Kumar, A. R. V. and Prakash, K. V.2012. Lessons from fauna of British India volumes: An analysis of Rutelinae of the Indian subcontinent. National Seminar on Conservation of Faunal Diversity of Western Ghats: Problems and Perspectives. 30-31 August, 2012. Organised by Sri Jagadguru Chandrashekhara Bharathi Memorial College and Sri Sharada Peetham, Sringeri-577 139.

11. Kumar, A.R.V., Karthikeyan, C. and Veeresh, G.K. 1991. Within season host shifting by *H.serrata* (F.). *Abst.I Natl. Symp.on Unconventional pests : Control v/s Conservation and Natl. Seminar on Animal Behaviour*, held at Bangalore on Oct. 14-16, 1991, pp.118.
12. Kumar, A.R.V., ManjuKumari, Prakash, K.V. and NayimaBanu. 2011. Symbionts associated with white grubs. *National Symposium on Harnessing Biodiversity for Biological Control of Crop pests* held on 25-26th May, 2011, organised by Society for Biocontrol Advancement, National Bureau of Agriculturally important Insects, Bangalore.
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c. Pest report

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3. Kumar, A.R.V., Musthak Ali,T.M. and Veeresh, G.K. 1992. White grubs associated with ground nut in Karnataka. Paper presented in IV National Symposium on Soil Biology and Ecology in India, Bangalore.
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d. Management:

1. Kumar, A. R. V. and Prakash, K. V. 2011. Impact of farmers' practices on the occurrence of natural enemies of arecanut white grubs. National Symposium on Harnessing Biodiversity for Biological Control of Crop pests held on 25-26th May, 2011, organised by Society for Biocontrol Advancement, National Bureau of Agriculturally important Insects, Bangalore
2. Prakash, K. V. and Kumar, A.R.V. 2013. A review of locally adopted management practices against arecanut white grubs (*Leucopholis* spp.: Coleoptera: Scarabaeidae). *X-National Symposium on Soil Biology and Ecology* organized by the Indian Society of Soil Biology and Ecology, Dept. of Entomology, UAS, Bengaluru from 19th to 21th December, 2013 at GKVK campus.
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10. NayimabanuTaredahalli, KumarA.R.V. and Prakash, K. V.2013.Field evaluation of local bacterial isolate against white grubs (Coleoptera: Scarabaeidae). *X-National Symposium on Soil Biology and Ecology* organized by the Indian Society of Soil Biology and Ecology, Dept. of Entomology, UAS, Bengaluru from 19th to 21th December, 2013 at GKVK campus.
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15. Prakash, K.V.andRajanna.D., 2020. Farmers' perception and management practices of areca nut white grubs, *Leucopholis*spp. (Coleoptera: Scarabaeidae) in Karnataka. *J. Soil Biol. Ecol.* **40** (2): 63-76.
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