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RESEARCH PAPER

# Preliminary results of bowl trapping insects in field bean (*Lablab purpureus*) ecosystem

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Bowl traps have gained attention as a useful method for sampling many insects and are now commonly used across the world for this purpose. The preliminary results of bowl trapping in a September to November season in field bean ecosystem of University of Agricultural Science, GKVK, Bangalore are presented, including the test of three different color bowls, two different habitats, and the interaction of these variables in insect species number and composition. Blue, white and yellow bowls were used in the random, in seven sampling days between September to November. Bowl traps captured 1390 insect specimens, with calliphoridae, dolichopodidae and Halictidae bees being the richest and most abundant group. Different trails influenced only the composition, while the interaction with different colors did not have a significant effect. These results, as well as the higher taxonomic composition of the inventoried bees, are similar to other studies reported in the literature.

**Key words :** Insects, Bee bowls, Field bean

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