



Diversity of Insects in Okra Agro-ecosystem at Gazipur in Bangladesh

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Abstract: Diversity and occurrence of insect pest, predator and pollinator associated with okra *Abelmoschus esculentus* L. were observed at Gazipur in Bangladesh during May to September 2016. Insects in the okra agro-ecosystem belonged to 29 species, in 24 families under 10 different taxonomic orders. The pest, predator and pollinator insect species revealed the highest occurrence in the order Hemiptera, Coleoptera and Lepidoptera, respectively. The relative abundance of the insect pest varied from 0.9 to 35.7%, predator from 1.7 to 26.0% and pollinator from 2.7 to 34.8%. Among the pests, aphid, white fly, and okra shoot and fruit borer were found as major pests. The aphid, ant and lemon butter fly depicted maximum abundance as pest, predator and pollinator, respectively.

Keywords: *Abelmoschus esculentus*, Insect, Pest, Predator, Pollinator
