

Prevalence of *Armigeres obturbans* in the rural areas around Rajkot city, Gujarat, India

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ABSTRACT:

The intensive study was conducted for the prevalence and distribution of *Armigeres obturbans* for the first time in the rural area surrounding Rajkot City. Seven villages were identified for the study species identification, larval density, adult density and distribution of breeding sites of the species. Results showed that adult density of *Ar. obturbans* during monsoon was highest and post monsoon period was most favourable for the species. Also the breeding sites of the species were recorded more during this period. While during winter season majority of temporary breeding sites dries out because of temperature decrease. Therefore, the temperature and rainfall are the two variables that showed major effect on the breeding activities of this species.

Keywords:

Armigers obturbans, Density, Breeding distribution, Rajkot, Rural