## Record of Parasites and Predators on Some Insect Pests in Meghalaya, India

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An exhaustive list of parasites and predators of aphids was earlier compiled by Raychaudhari et al. (1979) and Singh and Singh (1985) from North-Eastern India. During the course of survey for natural enemies of crop pests during 1986-87 in and around Shillong, Meghalaya some parasites and predators were recorded, which hitherto had not been reported from this area. The coccinellid predators. viz.. Coccinella septempunctata, Oneopia sexareata (Mulsant), O. kirbyi Mulsant, Harmonia eucharis (Mulsant) were found in adundance during March-April on higher hills. In the process of migration they fed upon different species of aphids viz., Myzus persicae Sulz. on potato and tree - tomato. Acyrthosiphon pisum (Harris) on pea, Aphis gossypii Glov. on taro and treetomato, *Brevicoryne brassicae* Linn. on cabbage, Rhopalosiphum maidis Fitch. on maize and A.craccivora Koch. on beans. Among these, C. septempunctata was the principal predator. These aphids assumed serious proportions in the months of February and March. particularly on cabbage and mustard. Aphid multiplication was effectively suppressed by the migrating coccinellids from the valley areas of the northeastern hill region. Another syrphid predator. Episyrphus sp. (Dip. : Syrphidae) was recorded on cabbage aphid, B. brassicae and it reduced the

pest population considerably during February-March.

Rice gallmidge Orseolia oryzae (Wood-Mason) a pest during August to October was recorded to be parasitised by Platygaster sp. (Hymen. : Platygas-October. teridae) in Other hymenopteran parasites, viz., Asaphes vulgaris Walker (Pteromelidae). Chrvsocaris Sp. (Eulophidae), and Apanteles phytometrae Wilk, Trioxys sp. and *Dilvta* subclavata Forster (Braconidae), and the dipteran (Micropezidaa) were Micropeza sp. recorded during winter season on M. persicae, A. gossypii and Lipaphis ervsimi Kalt.

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Key words : Aphids, Rice gall midge, Parasites, predators, record.

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