

RESEARCH NOTES

Record of Natural Enemies of Sugarcane Top Borer, *Scirpophaga excerptalis* Wlk. from Deoria, Uttar Pradesh

K.P. PANDEY, S.B. SINGH and H.N. SINGH

G.S. Sugarcane Breeding and Research Institute,
Deoria - 274 407, U.P.

Field surveys were conducted during the year 1990-91 to record the natural enemy complex of sugarcane top borer in Deoria district of Uttar Pradesh. Affected cane tops were collected from sugarcane field having different stages of parasitised and healthy egg-masses,

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Table 1. Record of Hymenopteran natural enemies from different locations in Deoria district of Uttar Pradesh

Natural enemy	Family	Host-stage	Villages surveyed* with % parasitism in parentheses
<i>Telenomus dignus</i>	Scelionidae	Egg-mass	1 (20.35), 2 (19.50) 3 (23.85), 8 (25.08)
<i>Elasmus zehntneri</i>	Elasmidae	Larva	1 (11.00), 3 (9.50), 8 (12.50)
<i>Rhoptromeris</i> sp.	Eucoilidae	"	1 (6.00), 2 (8.20), 3 (7.50), 7 (8.00), 8 (7.60)
<i>Temelucha</i> sp.	Ichneumonidae	"	1 (4.60), 3 (5.80), 4 (3.20), 8 (6.00), 9 (4.35)
<i>Isotima javensis</i>	Ichneumonidae	Pupa	6 (18.55), 9 (20.00), 3(16.00), 5(19.20)

* 1. Paikaul 2. Gaura 3. Mehra Farm 4. Dharamchaura 5. Dharmpur 6. Gopalpur 7. Mathia
8. Lakshmipur 9. Madanpur.

larvae and pupae of *Scirpophaga excerptalis* and kept in specimen jars covered with fine muslin cloth at $28 \pm 2^{\circ}\text{C}$ and $65 \pm 5\%$ RH for the emergence of natural enemies. The natural enemies emerged were preserved and identified by Commonwealth Institute of Entomology, United Kingdom. Five hymenopteran parasitoids were collected from different villages (Table 1). Earlier *Telenomus dignus* (Rao *et al.*, 1963), *Elasmus zehntneri*, (Anon. 1963) and *Isotim javensis* (Rao *et al.*, 1963) have been reported from Uttar Pradesh. But *Rhoptromeris* sp. has been reported for the first time from India while *Temelucha* sp. has been reported for the first time from Uttar Pradesh, although this parasitoid has been reported earlier from Gujarat (Lal, 1966).

KEY WORDS : *Scirpophaga excerptalis*, parasitoids

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