

Short Communication

Pak. j. sci. ind. res., vol. 32, no. 12, December 1989

**DESCRIPTION OF MALE GENITALIA OF
LODOSOCORIS AZHARI AHMAD AND AFZAL
(PENTATOMIDAE :PENTATOMINAE:
HALYINI FROM PAKISTAN**

LIAQUAT ALI ABRO AND SYED AZHAR HASAN

*Pakistan Museum of Natural History, Markaz F-7, Block-2,
Islamabad, Pakistan*

(Received September 19, 1989; revised January 7, 1990)

During a revision of the Tribe Halyini (Stal) two males of *Lodosocoris azhari* Ahmad and Afzal [1] were recognized. The species was originally described from female specimens from Abbottabad, NWFP. The aedeagus was inflated following technique of Ahmad [2]. Figures were made to the same scale using an ocular grid in a Swift binocular microscope. Males and females of *Lodosocoris azhari* are identical in general appearance, except that males are slightly smaller in total body length, (16.8 mm♂, 17.1 mm♀).

Male genitalia. Posteriodorsal margin of pygophore with small, rectangular proctiger; posteroventral margin deeply concave. Paramere blade with apical margin rounded, inner margin sinuate and with a blunt tooth-like projection; stem short and slender. Aedeagus when inflated with large, sclerotized, dorsal and ventral conjunctival appendages, large, lobe-like, membranous lateral conjunctival appendages and sclerotized, medially fused and posteriomedially depressed, median conjunctival appendage. Vesica much smaller than the conjunctival appendages (Figs. 1-5).

Comparative note. Male and female of *Lodosocoris azhari* are exactly alike in colouration, size of clypeus longer than paraclypei and the form of ostioles and peritremal discs of metathoracic scent apparatus. The male genitalia conform

to the expected configuration for the genus. *Lodosocoria* differs from the closely related genus *Dalpada*, in the form of parameres and aedeagus.

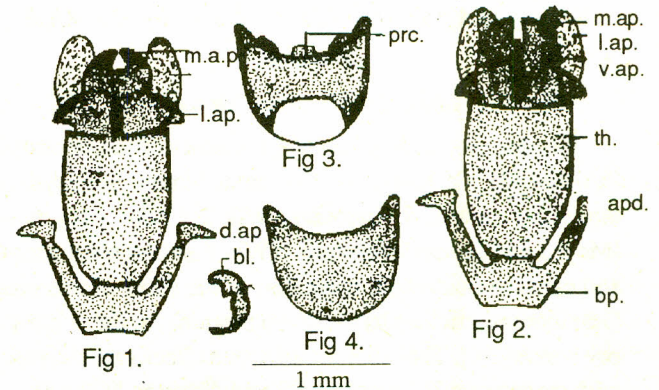


Fig. 1. Aedeagus dorsal view., Fig 2. Aedeagus ventral view., Fig 3. Pygophore dorsal view., Fig 4. Pygophore ventral view., Fig 5. Paramere.

Material examined. 2 Males: Pakistan, NWFP, Nathiagali dated 18.7.87 leg Liaquat Ali Abro in Pakistan Museum of Natural History, Islamabad.

Keywords: Pentatomidae, Heteroptera, *Lodosocoris azhari*

Abbreviations

- | | |
|-----------------------------|--------------------|
| 1. m.ap. Median appendages | 5. apd. Apodeme |
| 2. L.ap. Lateral appendages | 6. bp. Basal plate |
| 3. v.ap. Ventral appendages | 7. prc. Proctiger |
| 4. th. Theca | 8. bl. Bulb |

References

1. I. Ahmad, and M. Afzal, Turk. bitki kor. derg; 10, 199 (1986).
2. I. Ahmad, Pakistan J. Ent; 1, III (1986)