

Corrections for Two Ambush Bugs Described from Pakistan (Hemiptera: Phymatidae)

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ABSTRACT

The species recently described as *Macrocephalus pakistanensis* Abbasi and Yousuf (1973) is described and correctly identified as the previously undescribed female of *Agreuocoris nasalis* Maa and Lin (1959). *Amblythyreus murreeana* Yousuf and Ahmad (1976) is transferred to the subfamily Carcinocorinae, and placed as *Chelocoris murreeana* (Yousuf and Ahmad), **new combination**.

INTRODUCTION

Recently I received copies of two papers previously unknown to me, one by Abbasi and Yousuf (1973) and one by Yousuf and Ahmad (1976). Each contained the description of 1 new species of *Phymatidae*, but because of the obvious lack of appropriate previous literature both were improperly treated.

In the Abbasi and Yousuf paper (1973: 216) the new species was *pakistanensis* designated as *Macrocephalus pakistanensis*. *Macrocephalus* Swederus (1787: 183) is properly known only from the Western Hemisphere. The holotype was deposited in the Pakistan Forest Institute, Peshawar. It proved to be the previously undescribed female of *Agreuocoris nasalis* Maa and Lin (1959: 318) and must be placed as a junior synonymy thereof. A short description of this female is given below.

SUBFAMILY MACROCEPHALINAE

Genus *Agreuocoris* Handlirsch (1897)

Agreuocoris nasalis Maa and Lin

1959, *Agreuocoris nasalis* Maa and Lin, Pac. Ins. I: 318

1973, *Macrocephalus pakistanensis* Abbasi and Yousuf, Pakistan J. For. 23: 216. **New synonymy.**

Specimen examined. PAKISTAN, 1 ♀, 5.IX.1972, swat on *R. Hastatus* (Shabbar Ali). Deposited at the Entomological Museum, Pakistan Forest Institute, Peshawar, Pakistan. Type of *Macrocephalus pakistanensis* Abbasi and Yousuf, 1973.

♀. Similar to male but larger and of different color. *Ratios*: head 45: 29; preocular borders of head shorter than postocular 15: 22; antennae 18(6): 10(5): 8(3.5) – (segment IV missing); labium 27: 20: 10; pronotum 82: 115, maximal width across posterolateral angles; scutellum 138: 63; abdomen 157: 165; fore femora 65: 27. Lateral borders of fore lobe of pronotum densely granulate; lateral angles acute, directed upwards; posterolateral angles rectangular with rounded tips; hind angles rounded; hind border angularly produced backward. Scutellum constricted at fore 1/3, then enlarged again. Abdomen cordate, rounded at III–IV, then straight; posterolateral

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angles of connexiva II–IV protruding, V–VII not protruding; hind border of VIII rounded. Scutellum a little shorter than abdomen. Corium leaving a portion of dorsum visible. *Color*: head, antennae, fore lobe of pronotum, scutellum with exception of irregular whitish spot on hind $\frac{1}{4}$ and corium are brown; posterolateral border of corium pale yellow; abdomen yellow brown on upper side, venter reddish brown, paler medially; pleurae and legs orange yellow.

Measurements. Total length 11.80 mm; width of pronotum 4.60 mm; width of abdomen 6.60 mm.

The paper by Yousuf and Ahmad (1976: 167) described the new species *Amblythyreus murreeana* from a single female and reported the holotype was deposited in the Natural History Museum, Department of Zoology, University of Karachi, Pakistan. Unfortunately, my requests to borrow it have been unanswered and I must place the species as best I can by means of the original description and its four accompanying drawings, the latter not always agreeing with the written text. Drawing No. 2 of the foreleg clearly shows the "cancer-type" that is diagnostic of the subfamily *Carcinocorinae* and not found in subfamily *Macrocephalinae*, to which the genus *Amblythyreus* Westwood (1841: 28) belongs. The dorsal habitus shown in drawing No. 1 depicts a member of the genus *Chelocoris* Bianchi (1899: 233), related to *Chelocoris truncatus* Kormilev (1962: 360), also described from Punjab. At this time it is not possible for me to decide if this specimen is only related to *C. truncatus* or is identical with it, so I must consider it a good species in the following combination:

SUBFAMILY CARCINOCORINAE

Genus *Chelocoris* Bianchi (1899)

Chelocoris murreeana (Yousuf and Ahmad), **new combination**

1976, *Amblythyreus murreeana* Yousuf and Ahmad, Pakistan J. Sci. Ind. Res., 19: 167

Holotype ♀, PAKISTAN: PUNJAB: Murree Hills (Sandian village), 15.V.1971, on *Rumex hastatus* (Azhar A. Khan).

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