

THE RHYNCHOTA HETEROPTERA  
(NOTONECTIDAE & CORIXIDAE)  
OF SEISTAN.

By W. L. DISTANT.

Fam. NOTONECTIDAE.

Subfam. *NOTONECTINAE*.

Genus *Notonecta*.

*Notonecta glauca* Linn.

Linn., *Syst. Nat.* ed. X, p. 439 (1758); Dist., *Faun. Brit. Ind. Rhynchota* III, p. 41 (1906).

Var. *marmorea*, Fabr.

Fabr., *Syst. Rhynch.*, p. 103 (1803).

Daulatabad, Seistan (village pond).

*Anisops fieberi*, Kirk.

Kirk., *Entomologist*, 1901, p. 5; Dist., *Faun. Brit. Ind.* III, p. 46 (1906).

Nasratabad, Seistan (pools in parade ground); Lab-i-Baring, Seistan (channels in reed-beds in Hamun).

Fam. CORIXIDAE.

*Macrocorisa geffroyi*, Leach.

Leach (*Corixa*), *Trans. Linn. Soc.* XII, p. 17 (1818); Dist. (*Macrocorisa*), *Faun. Brit. Ind.* V, p. 339 (1910).

Daulatabad, Seistan (village pond).

*Corixa hieroglyphica*, Duf.

Duf., *Hem.* p. 86, f.f. 85—87 (1838); Fieb., *Eur. Hem.*, p. 93 (1861); Dist., *Faun. Brit. Ind.* III, p. 49, fig. 29 (1906).

Randa Stream, 4 mi. N.W. of Jellalabad, Seistan; Nasratabad, Seistan.

*Corixa affinis*, Dist.

Dist., *Faun. Brit. Ind.* V, p. 341, fig. 202 (1910).

Channel 8 miles east of Lab-i-Baring, Seistan; Randa Stream, 4 mi. N.W. of Jellalabad, Seistan; Lab-i-Baring, Seistan (channels in reed-beds in Hamun); Nasratabad, Seistan (pools in parade ground).

**Corixa substriata**, Uhlet.

Uhlet (*Corisa*), *Proc. U.S. Nat. Mus.* XIX, p. 275 (1896); *Dist., Faun. Brit. Ind.* V, p. 340 (1910).

Nasratabad, Seistan (irrigation channels).

**Corixa seistanensis**, sp. nov.

Body, elytra and legs ochraceous; pronotum with transverse black lines, the clavus with moderately oblique black lines, remaining elytra with somewhat close black mottlings; eyes black; posterior tarsi more or less suffused with black; margins of the clavus and elytra ochraceous, impunctate.

Long  $6\frac{1}{2}$  millimetres.

Water-channels near Nasratabad, Seistan.

Allied to the Palæarctic *C. rogenhoferi* Fieb.

**Corixa randana**, sp. nov.

Head ochraceous between eyes, which are black; pronotum dull dark greenish ochraceous with closely arranged transverse black lines; elytra dull dark greenish ochraceous mottled with black, the clavus with transverse black lines, the lateral margins ochraceous, impunctate; body beneath and legs ochraceous; posterior tarsi with black or blackish suffusions; head between eyes a little longer than broad, eyes much broader than long, their apices deflected a little beyond the anterior angles of the pronotum.

Long  $7\frac{1}{2}$  millimetres.

Randa stream, N.W. of Jellalabad, Seistan; Lab-i-Baring, Seistan (channels in reed-beds in Hamun).

**Micronecta desertana**, sp. nov.

Head dull pale ochraceous with a central longitudinal, reddish linear spot, eyes black; pronotum dull pale ochraceous with a small dark obscure spot near each lateral margin which is paler and brighter in hue; elytra dull dark ochraceous with some scattered obscure fuscous shadings, the margins paler and brighter ochraceous; body beneath and legs dull pale ochraceous; head shorter than breadth at base, subequal in length to pronotum; eyes not projecting beyond the anterior lateral angles of the pronotum.

Length 3 millimetres.

Hurmuk, Persian side of Perso-Afghan-Baluch boundary, 3,000 ft. (desert-spring).

**Micronecta biskrensis**, Horv.

Horv., *Rev. d'Ent.* 1899, p. 104.

Hurmuk, Seistan 3,000 ft. (desert-spring); Algeria (Brit. Mus.).

The British Museum possesses an example of this species from Algeria, and determined by Dr. Horvath. With this specimen the examples from the Seistan desert entirely agree.

