

New record of *Siagona* species (Coleoptera: Carabidae: Siagoninae: Siagonini) from Uttar Pradesh

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Abstract: Specimens of *Siagona* Latreille, 1804 were collected from Uttar Pradesh and *Siagona pumila* Andrewes, *Siagona atrata* Dejean and *Siagona baconi* Chaudoir were identified for the first time from this state. In this paper Systematic account, diagnosis, material examined, and distribution of these species has been dealt.

Introduction:

Siagonid Ground Beetles are flat bodied, dark color, Antennae with joints 1-4 pilose, head pilose so that supraorbital setae undistinguishable, Mentum submentum fused. These flat beetles are commonly found under logs, under stones, under leaf litter, and in between crevices in the soil. *Siagona* is represented by nearly 30 species from Indian region.

Systematic account

Order: Coleoptera
Suborder: Adephaga
Family: Carabidae Latreille, 1802
Subfamily: Siagoninae Bonelli, 1813
Tribe: Siagonini Bonelli, 1813
Genus: *Siagona* Latreille, 1804

1. *Siagona pumila* Andrewes

1813. *Siagona plana* Bonelli, *Obs. Ent. ii, Mem. Acad. Sci. Turin.*:458.

1825. *Siagona depressa* Dejean, *Spec. Gen. i*: 361.

1921. *Siagona pumilus* Andrewes, *Trans. Ent. Soc. Lond.*: 164.

1929. *Siagona pumila*, Andrewes, *Fauna Brit. Ind. incl. Ceylon & Burma, Coleoptera Carabidae, 1*: 180,199, f. 32(14), Pl. VI Fig. 2.

Diagnosis:

Head convex. Lateral ridge round at bent and nearly reaching neck but interrupted at hind eye level by a long seta. Neck constriction deep. Head surface closely punctate on sides but sparsely on disk. Prothorax moderately punctate on sides and sparsely on disk. Lateral grooves continuous. Elytra moderately punctate, 0.8 times longer than wide. Humeral ridge prominent. Prominent punctures near shoulder area. Microsculpture prominent on elytra, less prominent on head and prothorax. Stridulating apparatus absent. Antennae pubescent, 1-4 ferruginous, 5-11 dark brown.

Length: 10.5 mm.

Material examined:

1 ex., INDIA: U.P., Ballia, Jamui, 17.ix.2010, Coll. V.D. Hegde & Party. Deposited in Coleoptera Section of Zoological Survey of India, Kolkata (Z.S.I. Reg. No. 19547/H4A).

Distribution:

INDIA: West Bengal, Bihar, Uttarakhand, Maharashtra, Karnataka, Tamil Nadu, and Uttar Pradesh.
Elsewhere: Bangladesh.

2. *Siagona atrata* Dejean

1825. *Siagona atrata* Dejean, *Spec. Gen. i*:360

1929. *Siagona atrata*, Andrewes, *Fauna Brit. Ind. incl.*



Siagona pumila Andrewes

Ceylon & Burma, Coleoptera Carabidae, 1: 179,182 f. 32(10),191.

Diagnosis:

Body black and winged, lateral ridge on head interrupted and reaching the neck, elytra sparsely punctate. Clypeal suture deep. Short striations on dorsal side of mandible near base. Supramaxillary plate well developed. Prothorax sparsely punctate with medium punctures on disc but closely punctured with fine punctures near margins. Lateral grooves on prothorax interrupted at disc but deep near extreme.

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Siagona atrata Dejean



Siagona baconi Chaudoir

Length: 17.0 mm.

Material examined:

1 ex., India: U.P., Hardoi, Sandi Bird Sanctuary, 21.ii.2011, V.D.Hegde & party, ex. crevices in soil. Deposited in Coleoptera Section of Zoological Survey of India, Kolkata (Z.S.I. Reg. No. 19548/H4A).

Distribution:

INDIA: Assam, West Bengal, Jharkhand, Bihar, Orissa and Uttar Pradesh.
Elsewhere: Bangladesh

3. *Siagona baconi* Chaudoir

1876. *Siagona baconi* Chaudoir, *Bull. Mosc.* **i**: 89
1929. *Siagona baconi*, Andrewes, *Fauna Brit. Ind. incl. Ceylon & Burma, Coleoptera Carabidae*, **1**: 179, 189 f. 32(9).

Diagnosis:

Clypeal suture deep, clypeus prominently convex. Stridulating organ present. Legs ferruginous. Elytra closely punctate. Lateral ridge interrupted at bend and both interrupted ends overlap, ridge nearly reaching the neck. Body winged. Supramaxillary plate very slightly dilated in front. Disc of prothorax punctate. Lateral grooves moderately shallow in front and continuous on disc. Antennae with joint 1 clavate. Elytra nearly 0.87 times wider than prothorax, more than 2/3 longer than wide. Closely punctate with flavous hairs.
Length: 15.5 mm.

Material examined:

1 ex., INDIA: U.P., Ballia, F.R.H., 15.ix.2010, V.D. Hegde & Party. Deposited in Coleoptera Section of Zoological Survey of India, Kolkata (Z.S.I. Reg. No. 19549/H4A).

Distribution:

INDIA: West Bengal, Orissa, Jharkhand, Bihar, Madhya Pradesh.
Elsewhere: Myanmar, Bangladesh.

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