

Chirothrips atricorpus



Distinguishing features

Female macroptera. Body brown, tarsi and antennal segment III paler; fore wings weakly shaded. Antennae 8-segmented, II with internal and external symmetrical; III-IV with stout simple sense cone. Head scarcely prolonged in front of eyes; 3 pairs of ocellar setae, pair III lateral to fore ocellus. Pronotum trapezoidal, 2 pairs of posteroangular setae. Metanotum irregularly reticulate, median setal pair shorter than lateral pair. Prosternal ferna divided medially; basantra rugose, triangular; prospinasternum transverse, narrow. Mesothoracic sternopleural sutures complete; meta pre-episternum reduced, elongate triangular, not broadly band-like. Meso and metasternal furca with well-developed lateral flanges, without spinula. Fore wing pointed at apex, first vein with 2-3 setae on distal half, second vein with 5-6 setae. Tergites with many transverse lines medially, posterior margins with lobed craspedum; ovipositor moderately developed and bearing rows of teeth. Sternites with 3 pairs of marginal setae; posterior margins with craspedum of small pointed lobes, absent medially on VII. Male macroptera. Similar to female; sternites IV-VI with circular pore plate.



Female



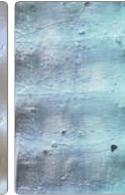
Antenna, head & pronotum



Meso & metanotum



Tergites



Male sternites

Related species

zur Strassen (1960) provided identification keys to over 50 species of *Chirothrips*, but Bhatti (1990) created six new genera for species placed originally in this genus. One of these six, *Arorathrips*, is represented in Australia. *Chirothrips* appears to be a genus of Holarctic species, whereas *Arorathrips* is from the New World. *C. atricorpus* is an unusual species in that the second antennal segment is symmetrical and not prolonged laterally as in most species of *Chirothrips*.

Biological data

Breeding and pupating within individual florets of various Poaceae with no recorded specificity.

Distribution data

Recorded from East Africa, Ethiopia, Iran, and Australia (Queensland, northern New South Wales).

Family name

THRIPIDAE - THRIPINAE

Species name

Chirothrips atricorpus Girault

Original name and synonyms

Chirothrips atricorpus Girault, 1927: 1.

References

Bhatti JS (1990) On some genera related to *Chirothrips* (Insecta: Terebrantia: Thripidae). *Zoology (Journal of Pure and Applied Zoology)* 2: 193-200.

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Mound LA & Palmer JM (1972) Grass-flower infesting thrips of the genus *Chirothrips* Haliday in Australia. *Journal of the Australian entomological Society* 11: 332-339.

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with descriptions of one new genus and four new species. *Zootaxa* 3251: 1–29.

zur Strassen R (1960) Key to and catalogue of the known species of *Chirothrips* Haliday, 1836 (Thysanoptera: Thripidae). *Journal of the entomological Society of southern Africa* 23: 144–176.