



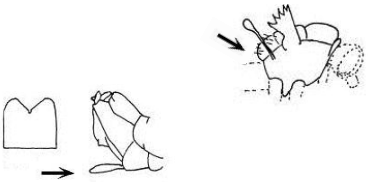
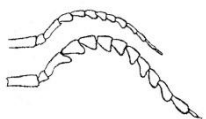
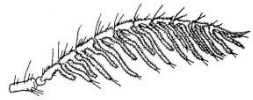
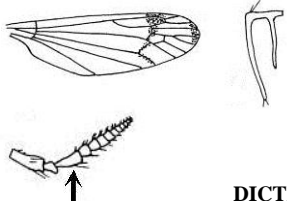
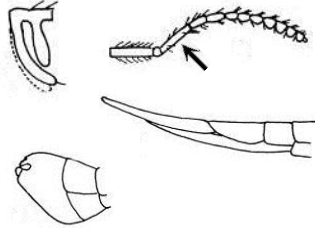
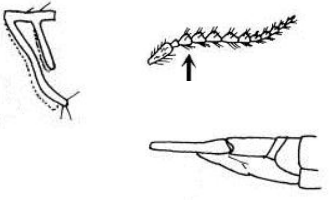


KEY TO THE GENERA OF TIPULIDAE by ALAN STUBBS
Revised by John Kramer - 2016

1.	Wing with open discal cell (ie discal cell absent). Tarsi mainly white, body dark.	 <p align="center">DOLICHOPEZA (albipes) (The White-footed Ghost)</p>
-	Discal cell closed (i.e. present). Tarsi dark.	 <p align="right">2</p>
2.	Antennal flagellar segments with a basal whorl of bristles (sometimes some extra ones as well). Antennae not pectinate.	 <p align="right">3</p>
-	Most flagellar segments lack a basal whorl of bristles (but there may be a few dorsally or towards apex). Antennae may be feathery (pectinate) in males, or saw-like (serrate).	 <p align="right">5</p>
3.	Yellow thorax with strong black stripes on top which may be merged.	<p align="center">NEPHROTOMA (Tiger craneflies)</p>
-	Thorax never yellow but orange, brown or blackish; with or without stripes.	<p align="right">4</p>
4.	Smaller, dark chocolate-brown species with smoky wings. Black hairs on postnotum. Top of thorax without stripes. Male genitalia with a long ventral tab.	 <p align="center">NIGROTIPULA (nigra)</p>

-	Not this colour. Postnotum bald or with pale hairs. Top of thorax often grey or orange with dark stripes.	TIPULA
5.	Flagellum without any bristles; serrate in male. Drab grey brown body with strong black dorsal mid line on abdomen.	 <p style="text-align: right;">PRIONOCERA</p>
-	Shining black or coloured body; wings with a black stigma or membrane marked. Flagellum with some small bristles, with pectinate processes in males. (Comb-horned craneflies).	 <p style="text-align: right;">6</p>
6.	Wings with a dark band below stigma and a dark tip. Male - each segment of the middle section of the flagellum with two single processes. Female - antennal segment 3, more than twice as long as wide.	 <p style="text-align: right;">DICTENIDIA (bimaculata)</p>
-	Wings without this pattern.	7
7.	Male - each segment of the middle section of flagellum with a pair of basal processes and a single one apically. Genitalia a smooth oval capsule. Female - antennal segment 3 very elongate. Ovipositor very long and upcurved.	 <p style="text-align: right;">TANYPTERA</p>

-	<p>Male - each segment of the middle section of flagellum with a pair of basal and a pair of apical processes. Genitalia blunt ended, often with processes.</p> <p>Female - ovipositor not markedly long. Antennal segment 3 short relative to the other genera of Ctenophorinae, as shown.</p>	 <p>CTENOPHORA</p>
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