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NOTES ON ORTHOPTERA.

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Edipoda obliterata, nov. sp.

Male and female. Length to tip of elytra 1.50, to tip of abdomen 1.10 to 1.30. Pale reddish-brown or dull yellowish tinged with rufous, with irregular transverse bands of dark fuscous spots.

Occiput not prominent. Vertex broad, moderately deflexed, margins with sharp carinæ forming a distinct sub-quadrate, median foveola, which is divided into two equal sections by a distinct longitudinal, median carina that extends back part way upon the occiput; sides of the foveola parallel between the eyes, and bending abruptly inward toward the fastigium in front, continuous with the sides of the frontal costa; fastigium with a double indentation. Frontal costa slightly sulcate, sub-tricarinate at the fastigium, widening at the ocellus and extending nearly or quite to the clypeus, but not expanding below; in the male the width is about uniform throughout. Pronotum with the median carina sub-cristate, distinctly and deeply notched about the middle by the posterior sulcus; anterior portion irregularly arched, more elevated than the posterior portion, which has only the front part arched; lateral carina irregular and indistinct; the notch of the median carina is of the oblique type, more distinctly so in the male than in the female. Posterior lobe expanding rapidly from the posterior sulcus; nearly flat on the disk, which is more or less covered with elongate rugosities, more distinct and numerous in the female than in the male; posterior extremity obtuse-angled; anterior margin extended in a very obtuse angle upon the occiput. Elytra extending about one-third their length beyond the abdomen, of medium width, sinuous and obliquely excised at the tip. Wings narrow, the length very nearly twice the width, and slightly undulate on the outer margin; the nervules unusually regular and straight. Posterior femora with sharp and elevated carinæ above and below. Antennæ rather short, scarcely flattened and very slightly acuminate at the tip.