

NARRATIVE
OF
AN EXPEDITION

TO THE
SOURCE OF ST. PETER'S RIVER,
LAKE WINNEPEEK, LAKE OF THE WOODS,
&c. &c.

PERFORMED IN THE YEAR 1823,

BY ORDER OF

THE HON. J. C. CALHOUN, SECRETARY OF WAR,

UNDER THE COMMAND OF

STEPHEN H. LONG, MAJOR U. S. T. E.

COMPILED FROM THE NOTES OF MAJOR LONG, MESSRS. SAY,
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1824.



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CERCOPIS, *Fabr. Germar.*

C. parallella. Hemelytra with two whitish bands, which are margined with dusky.

Inhabits North-west Territory.

Dusky yellowish-brown, punctured; *head* densely punctured; dusky in the middle and near the eyes; a glabrous somewhat elevated longitudinal line; length less than one-third of the breadth; *thorax* less densely punctured than the head; angulated at the middle of the anterior edge; a glabrous somewhat elevated line from the anterior central angle, continued on the scutel; *scutel* acute, punctured at base, glabrous at tip; *hemelytra* densely punctured; an oblique band from the tip of the scutel, attains the exterior edge near the middle, it is whitish, margined with dusky; another oblique band parallel with the preceding and of the same colours, is placed a short distance behind the middle; near the tip on the inner edge is a whitish spot; *pectus* and *feet* yellowish; *tarsi*, terminal joint dusky; *tergum* and *venter* dusky, margined with sanguineous.

Length two-fifths of an inch.

This species varies a little in the shade of its colouring, and when dark in colour, the bands are almost obsolete. This species also occurs in Missouri and Arkansa.

ORDER NEUROPTERA.

BAETES, *Leach.*

1. *B. bilineata*. Large, pale ferruginous; inferior wings margined behind with dusky; *tergum* fuscous with a double series of whitish lines.

Inhabits St. Peter's river.

Head above somewhat fulvous; beneath and front yellow; *thorax*, first segment yellowish-brown, blackish each side and before; second segment pale brownish, a little tinged with rufous and with indistinct oblique whitish lines, proceeding from the longitudinal impressed line; two brown spots on the middle placed transversely; *wings* hyaline, whitish, with fuscous nervures; posterior margin of the inferiores fuscous; *tergum* fuscous, lateral margin whitish; posterior edges of the segments white above; a double series of whitish, oblique, dilated, abbreviated lines.

Length ♀ to tip of the wings one and three-tenths of an inch.

This is much the largest species of this country I have seen, it appeared in considerable numbers.

2. *B. alternata*. Wings whitish, nervures fuscous; *tergum* fuscous, segments whitish at their bases.

Inhabits North-west Territory.

Body fuscous; *head* on the anterior margin and *genæ* white; *thorax* pale brownish-livid, yellowish near the scutellum; *wings* hyaline, with a whitish reflexion, nervures not margined; *pleura* and *pectus* varied with yellowish; *feet* pale ochreous, a fuscous annulus near the tip of the thighs; *tergum* fuscous; segments whitish at base, one or two ultimate segments with two whitish longitudinal lines; venter whitish, each segment with two oblique lines and two intermediate points, black; *seta* whitish, with regular fuscous spots alternating.

Length of the body ♂ from two-fifths to half an inch.

Closely allied to the *femoratus*, nobis,* but may be dis-

* Western Quarterly Reporter, vol. 2. p. 162.

tinguished from that species at once, by the nervures of the wings being altogether destitute of coloured margins.

3. *B. alba*. White; vertex and anterior feet above dusky.

Inhabits Winnepeck river.

Thorax slightly tinged with pale yellowish-brown; *anterior feet* short, rather robust; *nervures* upon and near the costal margin dusky.

Length of the body ♀ about half an inch.

This insect appears in immense numbers. They rise upon the wing in the evening, and their short existence in the perfect state appears to be terminated before sunrise. For a more particular account of this species, see the Narrative.

ASCALAPHUS, *Fabr.*

A. *4-maculatus*. Wings with a white costal spot; antennæ as long as the body; tergum varied with black and testaceous; eyes with a suture.

Inhabits Pennsylvania.

Head and *stethidium* covered by long cinereous hair, the latter part blackish, varied with pale testaceous; *labrum* honey-yellow; *antennæ* as long as the body, dull yellowish-brown; *incisures* blackish, *clavum* oval, compressed, blackish with pale *incisures*; *eyes* large, prominent, in the middle divided by an impressed line; *wings* hyaline with a milk-white reflexion, an opaque snow-white spot near the tip of the costal margin, *nervures* black; *tergum* testaceous, segments with a dorsal line and oblong spot each side, black, terminal segments nearly all black; sides black, varied with testaceous.

Length to tip of wings one inch and a half.