

both gave imagos in no way differing from the usual form. Duration of the chrysalis stage in July and August 8 days.

*Nicippe* is a very common species in this part of West Va. Its food plant is Wild Senna, *Cassia Marilandica*, which grows abundantly, and the butterfly is present in several successive generations and in overlapping broods from early in May to winter. I have seen it on the wing 29th April, and also in December, and am of the opinion that a few individuals successfully hibernate. At almost any time eggs and larvæ can be found on the Senna leaves, many eggs perhaps dotted over the surface of a single leaf and mostly the under surface. On one occasion I noticed a butterfly just from chrysalis standing by its empty shell, on a stem of Senna, and near by were fresh-laid eggs and newly hatched larvæ up to mature larvae. I recorded at the time that there were about forty larvae on one stem. The larvae are very nearly the color of the leaves, and usually may be found, when at rest, lying full length along the mid-rib on upper side.

The butterflies differ much in size and color. The normal color is deep orange, but I have taken males of all grades up to clear sulphur yellow, with no trace of orange. The females also are often nearly yellow, but I have seen none which had not a little orange in the disks.

*Nicippe* is found over all the Southern and Western States, on the Pacific coast, and so to the tropics, avoiding the highlands. It is common about Pittsburgh, Pa., and is occasional as far to the eastward as Massachusetts. In 1877 I saw a single one flying near the coast, below Boston.

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## DESCRIPTION OF A NEW SPECIES OF EUDAMUS.

BY J. A. LINTNER.

EUDAMUS ELECTRA, n. sp.

Size of small *Nisoniades Fuvenalis*. Primaries narrower than in *Eudamus Pylades* Scudd. ♀, more rounded on the costa, and more oblique on the hind margin. Secondaries rounded, not prolonged at the anal angle as in *E. Pylades*, nor excavated opposite the cell as in most of the *Nisoniades*.

General color dark brown, approaching that of *E. Pylades*; the fringe concolorous with the terminal portion of the wings, a little paler at their tips.