

female on upper side resembles not *Helloides*, but ♀ *Sirius*. But on under side both sexes in color and markings are near *Helloides*.

Taken on Red Deer River, B. Am., by Captain Geddes.

LYCAENA AFRA.

Male.—Expands .9 inch.

✓ Upper side deep blue, the hind margins with fuscous borders, which on primaries are very broad ; on each wing a black discal streak ; fringes cinereous.

Under side drab ; a common mesial row of minute rounded black spots, each edged white ; on secondaries a spot on costa near base ; the discal streaks repeated, slight, with white edging.

This species was taken by Captain Geddes in the Deer River country. It belongs to the *Antiacis* group, and is the smallest member of it. Has wide black borders and a discal mark on each wing, on upper side, which is not found in other members of this group. The arrangement of the spots as in *Lygdamus*.

EUDAMUS DRUSIUS.

Male.—Expands 1.7 inch.

Upper side glossy dark brown, with eight minute semi-transparent spots on primaries ; four of them sub-apical on costal margin, three in discoidal and median interspaces, one at right angles to the lowest of the three, in submedian interspace towards hind margin, one in cell ; fringes of primaries fuscous, at inner angle cinereous ; of secondaries white, cinereous at outer angle.

Under side dark brown, the hind margins lightly dusted with whitish scales ; the spots on primaries repeated, a little enlarged ; secondaries crossed by two obscure bands, with black outlines. Body above dark brown, beneath dark gray-brown ; legs gray brown ; palpi either dark gray, or with so many brown hairs as to nearly conceal the whitish ones ; antennæ black above, beneath finely annulated with luteous ; club black above, luteous below.

Female.—Expands 1.7 inch. Similar to the male.

This species is near *Moschus* Edw. Has the spots fewer in number, smaller, and differently disposed ; beneath is darker, and the bands on secondaries are indistinct ; abdomen below without ventral line ; legs and palpi different color, the latter in *Moschus* yellowish.

Taken in So. Arizona, by Mr. Morrison in 1883.