

***Panoquina confusa* Mielke, new species**

Figs. 33, 34, 102-105

Male. Length of forewing: 16-17 mm. Externally coincides completely with the description of *Panoquina trix* Ev., being distinguished from this by male genitalia (see figs. 102-105). The author does not have any specimens of *P. trix* for a more detailed comparison.

Dorsal surface of forewing with opaque elongated yellowish spot in space 1b, hyaline white spots in spaces 2, 3, 4, 6, 7, and in the cell above internal angle of hyaline spot in space 2.

Ventral surface of forewing with the same spots, that of space 1b being broader; black basally.

Dorsal surface of hindwing with the spot of discal band of under side visible in spaces 2-5.

Ventral surface of hindwing with discal band in spaces 2-5 (paratype) or 6 (holotype); violet iridescence.

Holotype male, paratype male, Km. 222, Belo Horizonte-Brasília highway, Felixlândia, Minas Gerais, Feb. 20, 1966, collected by O. Mielke (holotype no. 8984).

LITERATURE CITED

- BROWN, K. S. and O. H. H. MIELKE, 1967. Lepidoptera of the Central Brazil Plateau. I. Preliminary list of Rhopalocera. Jour. Lepid. Soc. 21 (2):77-106, (3):145-168.
- EVANS, W. H., 1953. A catalogue of the American HesperIIDae. Part III, Pyrginae, Section 2. British Mus. Nat. Hist., London, 246 pp.
1955. A catalogue of the American HesperIIDae. Part IV. HesperIIDae. British Mus. Nat. Hist., London, 499 pp.
- LINDSEY, A. W., 1925. The Cornell University Entomological Expedition to South America of 1919-1920. Scientific Results. 2. Hesperioidea. Jour. Sci. Lab. Denison Univ. 21 (1925 + 1926): 71-113.

***THYMELICUS LINEOLA* (HESPERIIDAE) IN INDIANA**

Since the discovery of the first European skipper, *Thymelicus lineola* (Ochsenheimer), in North America around 1910, its distribution across the country has been noted with interest. Clench (1956, *Lepid. News*, 10: 151) gave a summary of its occurrence in North America, reporting the species in Ontario, Toronto, Michigan, New York, and Ohio. The last thorough paper on the distribution of this butterfly is that by Burns (1966, *Canad. Ent.* 98:859), Burns included Michigan, Ohio, New York, Pennsylvania, Maryland, New Jersey, and Connecticut in this country, plus New Brunswick, Ontario, and British Columbia in Canada. More recently the species has also turned up in Illinois (Irwin, 1968, *J. Lepid. Soc.*, 22:21).

On June 22, 1967 I collected one male *Thymelicus lineola* in a grassy pasture in North Manchester, Wabash County, Indiana. A female was collected in the same field on July 1, 1967. Both specimens were captured while at rest in the grass.

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