

Indiana State Records and Notes on Some Rare Butterflies and Skippers in the State

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Abstract

As the result of collecting butterflies in the state from 1964 to 1971, six species, *Thymelicus lineola* (Ochsenheimer), *Polites mystic* (Scudder), *Autochton cellus* (Boisduval & LeConte), *Erynnis baptisiae* (Forbes), *Euristrymon ontario* (Edwards), and *Polygonia satyrus* (Edwards), have been added to the butterfly fauna of Indiana. In addition to the new state records, the following rare species were collected: *Euphyes dukesi* (Lindsey), *Satyrrium caryaevorus* (McDunnough), and *Pieris napi oleracca*.

Family Hesperiiidae

Thymelicus lineola (Ochsenheimer)—European Skipper

I collected one male June 22 and one female July 1, 1967, in a grassy pasture, North Manchester, Wabash County. In recent years I have collected *lineola* in LaGrange, Elkhart, Kosciusko, and Wabash Counties (3). Pairs *in copula* have been taken in June, suggesting that this species has become well established in Indiana.

Polites mystic (Scudder)—Long Dash

I collected the first *Polites mystic* in the state on June 6, 1969, Mongo Bog, Mongo, LaGrange County, only seven miles from the Michigan border (6). It is now fairly common in Wabash and Kosciusko Counties. June 10, 1970, I found a colony of this species in a bog by Lake Waubee, Milford, where *Iris versicolor* was its favorite food flower.

Autochton cellus (Boisduval & LeConte)—Golden Banded Skipper

Single specimen was collected by my son, James D. Shull, June 7, 1970, in Brown County State Park, near Nashville, Indiana (7).

Erynnis baptisiae (Forbes)—Wild Indigo Dusky Wing

August 27, 1970, I collected a female near its food plant (*Baptisia tinctoria*) in a field near North Manchester but in Kosciusko County (7).

Euphyes dukesi (Lindsey)—Dukes' Skipper

Mr. Homer F. Price, Payne, Ohio, collected one male July 24, 1962, in Steuben County (2). I collected one more June 27, 1970, North Manchester, Wabash County (7).

Family Lycaenidae

Satyrrium caryaevorus (McDunnough)—Hickory Hairstreak

I collected a pair June 22, 1968, on a hickory tree leaf in Kosciusko County (5). *Caryaevorus* is uncommon in Wabash and Kosciusko Counties in June and July.

***Euristrymon ontario* (Edwards)—Northern Hairstreak**

Collected the first specimen July 12, 1967, on dogbane flowers, North Manchester, Wabash County (4). Each year a few have been collected in Wabash County from late June to about mid-July.

Family Nymphalidae***Polygonia satyrus* (Edwards)—Satyr Angle Wing**

June 25, 1969, I collected this essentially western species in Kosciusko County, Indiana (6). It is uncommon, rare, or absent from late May through July in Wabash and Kosciusko Counties.

Family Pieridae***Pieris napi oleracea* Harris—Mustard White**

Blatchley (1891) reported this species from Kosciusko County, in the summer of 1890 (1). Old records are unreliable as *napi* was often confused with *virginiensis*.

July 12, 1971, John Campbell, a high school student in my collecting party, collected one in Mongo, LaGrange County. On August 24 John Campbell and I returned to Mongo, where we collected 23 more *napi*. It should be looked for elsewhere in the state.

No doubt other rare Indiana species could be added to this report, but Mr. S. Sidney Badger, Jr., of Woodland Hills, California, and I have just completed a comprehensive annotated list of the butterflies of Indiana, 1971, therefore I have limited this paper primarily to a listing of my own state records.

Literature Cited

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