

### Ontogeny of Yellow Pigment

John Manice and I tested the skins of larvae of A.t. and Pseudacris nigrita for the presence of carotenoids. We found that carotenoids are not utilized as yellow pigments by Pseudacris until metamorphic climax. We found no carotenoids in the skin of A.t. in the larvae that we tested; whether or not carotenoids would appear later on in larval development is unknown. At any rate, larvae of 6 cm. in length and having five complete toes on the hind limb do not contain carotenoid pigments.

Supported by National Science Foundation.

Rust Fungi of the Western United States and Mexico  
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Project Number 101

During August, 1967 rust fungi were collected in Colorado, Wyoming, Montana and South Dakota. This field work is being done in connection with taxonomic studies and studies of host ranges and geographic distribution of North American rust fungi. The information obtained will be used in a proposed revision of Arthur's Manual of Rust Fungi.

During the period spent at the Jackson Hole Research Station, 119 specimens of rust fungi, representing 45 species in 10 genera, were collected in Teton County.

Supported by National Science Foundation grant GB-3680.