

NOTE ON GIANT SWALLOW-TAIL BUTTERFLY IN NEW JERSEY

Papilio cresphontes Cr., the largest of our swallow-tails, is of rather wide distribution but apparently somewhat local. In the South the larva is known as the "Orange Dog"; in the more northern states its food plants are Prickly Ash (*Zanthoxylum americanum* Mill.), Hop Tree (*Ptelea trifoliata* L.) and occasionally American Bladdernut (*Staphylea trifolia* L.), where these occur. In southern New Jersey the species is rarely seen, but last August one female was noticed for about a week in Moorestown, Burlington County, where she oviposited on an isolated Bladdernut shrub on the property of Edward Haines. The larvæ developed in due course and scattered for pupation.

In the hills of northern New Jersey, however, the giant swallow-tail is not uncommon. Here are considerable patches and borders of Prickly Ash and Bladdernut. During the past season (1937) larvæ of various sizes were, it seemed to me, unusually plentiful on Prickly Ash throughout the summer and autumn. The larvæ, with an odd pattern of olive and white, strongly resemble bird-droppings. The pupæ, similarly colored, seem to be constant in this character instead of varying to brown or green as in *polyxines* and *troilus*.

The locality of greatest abundance for *cresphontes* appears to be the limestone foothills of the Jenny Jump Mountains in Warren County.—R. J. S.



Sim, Robert J. 1937. "Note on Giant Swallow-Tail Butterfly in New Jersey."
Journal of the New York Entomological Society 45, 402-402.

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