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## STUDIES IN THE GENUS INCISALIA.

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### III.—INCISALIA HENRICI.

*Previous Paper.*—In the CANADIAN ENTOMOLOGIST for June, 1905 (Vol. XXXVII, No. 6, p. 216), I published an article in which I pointed out the more obvious differences which serve to distinguish this species from *I. irus*, with which it has been confused. In addition to the characters supplied by the coloration of the wings, I mentioned that the male *Henrici* has no discal stigma,\* a fact which seems to have been overlooked by other observers. I stated further that this furnished a reliable diagnostic character for the identification of the species, and, inasmuch as *irus* males invariably have the stigma, the specific validity of *Henrici* should be recognized "at least until the test of breeding could be applied." Being, at the time, unacquainted with the life-history of either species, and being unwilling to express hasty and possibly premature conclusions, I did not feel wholly warranted in holding that W. H. Edwards was right and Dr. Scudder wrong in their respective opinions concerning the butterfly bred by the former. Edwards described the early stages as those of *Henrici*, but Scudder, not recognizing *Henrici* as a species, applied them (*all excepting the egg*) to *irus*. I took the ground that we were justified in withholding judgment in the matter until further facts were discovered. Since there did not appear to be any strong probability that another would supply me with the necessary facts, I set about getting them for myself. Having succeeded in breeding both species side by side, from egg to imago, both parents being known in each case, I can now state positively that Edwards bred *Henrici* (as he stated) and not *irus*, and that his descriptions of the early stages are correct to the minutest detail. Moreover, Scudder was in error in quoting the descriptions of the larval and pupal instars under the caption *irus*. The two species differ so

\*In his "Bibliography of Canadian Entomology for the year 1905," Dr. C. J. S. Bethune has credited me with having stated that "some males . . . are without the characteristic stigma." A careful reading of the article will, I think, make it apparent that the statement was intended to cover *all* the males.