

A new Race of Cicindela from Yukatan, México

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Cicindela hidrophoba atro-reducta W. Horn (nov. subsp.): Differt a forma prioritatis colore corporis superioris fere nigricante; elytrorum signatura valde reducta: macula et humerali et posthumerali et apicali et anteapicali aut perparvis aut vix percipiendis aut deficientibus, macula media discoidali aut parva aut perparva anguliformi (macula marginali postmediana nulla).— Long. $9\frac{3}{4}$ —10 mm.

♀ ♂: Chichen Itza (Yukatan), Juni 1929; *Bequaert* coll. Typi in collectione auctoris et in Museo Comparat. Anat. Cambridge (U. S. A.).

This new form has a special interest as it proves my old theory stated since decenniums, saying that a parallelism is existing between the reduction of pattern and the darkening of the body of Cicindelidae. In our case the reduction of the ornamental bristles which accompanies so often this parallelism is missing. The reduction of the elytral pattern of the present form goes sometimes so far that only a minute irregular discoidal spot is existing.

Together with this new form 3 other *Cicindelae* have been collected by Dr. *Bequaert* at the same place: *Cicindela flavopunctata* Chev., *cyaniventris* Chev., and *hemichrysea* Chev. It is now interesting to see that also these specimens of *C. flavopunctata* and *hemichrysea* show a reduction of pattern.

2 of the 4 specimens of *C. flavopunctata* have no posterior discoidal spot; in one of these 2 also the anterior discoidal spot is missing.

One of the 2 specimens of *C. hemichrysea* has only one minute discoidal patch in the middle of the length of the elytra; the other shows moreover a minute anterior discoidal spot.

The 5 specimens of *C. cyaniventris* show no special reduction of pattern, what could easily be understood as this species is generally almost without any pattern; one

of these 5 Yukatan species shows 2 discoidal spots with a slight tendency to confluence; another specimen has only a posterior discoidal spot. The remaining 3 are without any pattern.

Thus it seems to me that the recorded locality at Yukatan might be something like a so-called "*centre of reduction*" for the genus *Cicindela*.

As regards the behaviour of *C. hemichrysea* Chev., Dr. *Béquaert* tells me that it settles on leaves.

