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THE LARVÆ OF *DONACIA PISCATRIX*, LAC., AND *CRASSIPES*, FAB.*

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Though the larvæ and life-histories of several species of the *Chrysomelid* genus *Donacia* have been described more or less fully by European entomologists, I have been able to find but one such note in American entomological literature. In 1877 Dr. A. S. Packard gave a brief description of the larva and life-history of *Donacia cincticornis*, Newm., var. *proxima*, Kby., in the report of the U. S. Geological Survey for that year (p. 806), together with figures of the larva and cocoon (Pl. LXX., figs. 17-19) which he found on the roots of *Nuphar advena*.

Recently I have been fortunate in being allowed to study the *Chrysomelid* larvæ in the collection of the U. S. National Museum, and among them was glad to find several species of this genus and *Hæmonia*, which with it form the tribe *Donaciinæ*. Specimens of eggs, larvæ and pupæ of *Donacia piscatrix* and larvæ of *Hæmonia nigricornis* are both present from the Detroit and St. Clair Rivers, collected, I judge, by Messrs. Hubbard & Schwarz, and larvæ of *D. semicuprea*, *D. crassipes*, and *H. zosteræ* from Europe. The larvæ of *Donacia piscatrix* and *crassipes* I have found so very similar that they may be described together without mentioning the minute points of difference.

Several very distinct or typical shapes exist among *Chrysomelid* larvæ, which to a certain extent are characteristic of different tribes. Such are (1) the short, inflated larvæ of *Chrysomela* and its allies; (2) the case-bearing *Cryptocephalinæ* and *Clythrini*, with their recurved

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