

THE CAMBIUM CURCULIO, *CONOTRACHELUS*  
*ANAGLYPTICUS* (SAY), ON COLUMBINE  
(*AQUILEGIA* SP.) IN OHIO

C. R. NEISWANDER

*Ohio Agricultural Experiment Station, Wooster, Ohio*

A number of years ago severe injury to columbine (*Aquilegia* sp.) was observed in an estate garden at Chagrin Falls, Ohio. The injury occurred at the base of the plant slightly below the soil surface where the interior of the stem was eaten away by the larvae of a curculionid beetle. As many as 18 grubs were taken from a single clump. In cases of severe injury, the entire plant was killed and could be lifted from the ground with but little effort. Because of the injury, which occurred in July and early August, the gardener maintained that he was unable to grow columbine as a perennial but had to start new clumps every year.

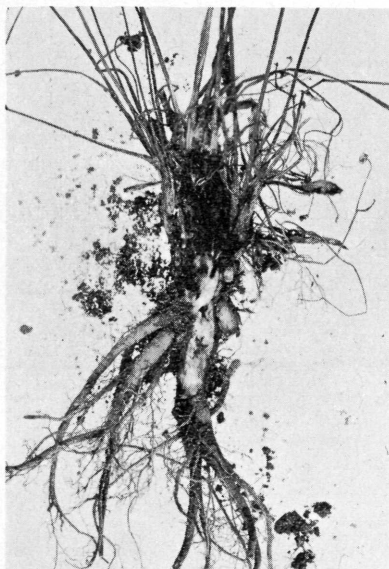


FIGURE 1. Injury to columbine caused by larvae of cambium curculio.

Field-collected larvae were reared to adults and were identified by L. L. Buchanan of the U. S. National Museum as *Conotrachelus anaglypticus* (Say). Injury of this type is unusual for this species which gets its common name from the fact that it ordinarily feeds under the bark of various fruit and shade trees. The nature of the injury caused to columbine clumps is shown in figure 1.

LITERATURE CITED

Schoof, H. F. 1942. The genus *Conotrachelus* Dejean (Coleoptera, Curculionidae) in the north central United States. Illinois Biol. Monogr. 19: 1-170.

THE OHIO JOURNAL OF SCIENCE 61(5): 314, September, 1961.