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THE WORKER CASTE OF *HARPAGOXENUS CANADENSIS* SMITH
(FORMICIDAE).

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During the summers of 1941 and 1942, with the help of students, I collected in the vicinity of Duluth, Minnesota, some individuals of a species of ant recently described by Dr. M. R. Smith (1939), from Quebec, Canada. The original account of *Harpagoxenus canadensis* was based on the queen caste, an intermediate ergatoid female type, and a simple ergatoid female type, representing 12 specimens in all. No workers apparently were known, but since then this caste has been collected from several localities, and the material from Duluth consists of workers, ergatoids, and one queen. Dr. Smith has kindly confirmed the identity of the specimens, and has suggested that the worker caste be described and figured. Accordingly, I append the diagnosis of this insect, together with notes on additional localities* for the species and a few ecological observations.

***Harpagoxenus canadensis* Smith**

Worker.—Length 3.5-4.0 mm.

Head slightly longer than wide, sides subparallel, only slightly convergent anteriorly; occipital corners rounded and posterior border faintly concave. Clypeus with two, blunt carinae which do not form projecting teeth; area between them depressed and the anterior border broadly emarginate; posterior margin extending deeply between the frontal carinae. Frontal carinae distinct and diverging gradually from anterior to posterior extremities, continuing almost to the occipital angles and forming the medial borders of conspicuous antennal scrobes. The lateral boundaries of these depressions are less distinctly marked by ridges which pass just medial to the eyes, and the antennae in repose are folded into the scrobes. Eyes of medium size, placed slightly anterior to a point mid-way between the mandibular fossae and the posterior angles of the head; distance from fossa to border of eye equal to $1\frac{2}{3}$ the diameter of the eye. Antennae 11-segmented, robust, the last three segments incrassated and forming an indistinct club; last segment slightly larger than the two penulti-

* Dr. M. R. Smith of the Bureau of Entomology and Plant Quarantine in Washington, D. C., has kindly supplied most of this information, and Mr. W. F. Buren has given me the record of the species which he has from Minnesota. Dr. Smith has also read the manuscript and made certain suggestions.