

present selection, a major worker (appropriately labeled) from "Colorado," in Forel Collection, Muséum d'Histoire Naturelle, Geneva. A second worker, originally on lectotype pin, in Museum of Comparative Zoology at Harvard University.

*Formica truncicola* subsp. *integroides* var. *haemorrhoidalis*, Wheeler, 1913. Bull. Mus. Comp. Zool. Harv. 53: 441, worker, female, male.

*Formica integra haemorrhoidalis*, Creighton, 1950. Bull. Mus. Comp. Zool. Harv. 104: 488, discussion.

*Formica truncicola integroides* var. *ravida* Wheeler, 1913. Bull. Mus. Comp. Zool. Harv. 53: 560, worker, female. Type locality: Elkhorn, Montana. Syntype workers and alate female in Museum of Comparative Zoology at Harvard University. New synonymy.

*Formica truncicola integroides* var. *tahoensis* Wheeler, 1917. Proc. Amer. Acad. Arts Sci. 52: 538, worker, female. Type locality: Lake Tahoe, California. Syntypes in Museum of Comparative Zoology at Harvard University and elsewhere. New synonymy.

*Formica integra haemorrhoidalis*, Creighton, 1950. Bull. Mus. Comp. Zool. Harv. 104: 488.

*Formica integra tahoensis*, Creighton, 1950. *op. cit.*, p. 488.

*Formica obscuripes ravida*, Creighton, 1950. *op. cit.*, p. 493.

*Formica rufa* group, Forms B, C, and D; G, C, and J. Wheeler, 1963. The ants of North Dakota, Univ. N. Dak. Press, Grand Forks, p. 230, variation.

*Formica integra haemorrhoidalis*, Gregg, 1963. The ants of Colorado, Univ. Colo. Press, Boulder, p. 554, distribution, biology, variation.

? *Formica ravida*, Gregg, 1963. *op. cit.*, p. 579, distribution.

1. RELATIONSHIP OF *HAEMORRHOIDALIS* TO *INTEGRA*. There seems little doubt that these two rather similar forms are closely related. At the same time, I know of no evidence indicating that they are conspecific. All of the samples of *integra* I have seen are from east of the Great Plains; all lack hairs on the frontal region and vertex, and all have the gastric pubescence rather dilute and the integumental surface here sericeous-subopaque. In *haemorrhoidalis*, on the contrary, unrubbed specimens seem always to bear at least one pair of hairs on the frontal region, and most samples have an additional pair of the vertex; the gastric pubescence is thick, opaque and grayish-  
*integra*  
*haemorrhoidalis*  
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