

**PRELIMINARY DESCRIPTIONS OF SEVEN NEW
SPECIES OF THE DACETINE ANT GENUS
SMITHISTRUMA Brown**

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(Plate III)

I have recently completed a manuscript in which the genus *Smithistruma* of the world is revised in its entirety.¹ New species from all parts of the range are described in this manuscript. Unfortunately, it appears that final publication of the full revision will not take place for some time. Meanwhile, Dr. M. R. Smith is awaiting the galley proof on a catalog of the North American ants, and he has requested that I publish several of these names so that they may be included in the catalog. Also, several European specialists have indicated to me that they have new species from the Ethiopian region for which description is planned. At least one of the species, held by Sr. Mario Consani, is, I believe, scarcely differentiable from *Sm. truncatidens*, a new species described below. Sr. Consani has indicated that he will wait until my description of *truncatidens* appears before describing his closely related form. Therefore, I am setting forth abbreviated descriptions of five new species from the United States and two from the Ethiopian region. In addition, I have given a key to the known Ethiopian species of the genus in order to facilitate identification in that formerly confused fauna.

North American Species

Smithistruma (Smithistruma) filirrhina new species

HOLOTYPE WORKER.—Total length (TL) 2.17 mm., head length (HL) 0.56 mm., length of alitrunk (WL) 0.55 mm., cephalic index (CI) 69, mandibulo-cephalic index (MI) 22.² Very similar in form of head and

¹ Thesis submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Department of Biology, Harvard University.

² All measurements and indices are followed by symbols in parentheses; these symbols indicate that the values given are strictly comparable to those I have set forth in previous papers on the tribe Dacetini. See Part I of the Revision in Mushi, XX, p. 2 (1949). A fuller treatment of measurements and proportions will be given in the section of the Revision to be published as soon as possible.