

Abstract submitted for the Pacific Division, AAAS, Annual Meeting

Section G: Biological Sciences.

Symposium: Computers in Systematics and Biogeography

NEMAID: a computer program for the identification of nematodes. FORTUNER, R. (California Department of Food and Agriculture).

All diagnostic characters used for specific identification of nematodes have been found to vary within species. Dichotomous statements made in traditional keys cannot be reliably answered. A method is proposed to calculate a coefficient that estimates the similarity between an unknown nematode and all the species described in the genus to which this nematode belongs. The higher the coefficient of similarity between the unknown nematode and a species in the genus, the more probable it is that the nematode belongs to this species. A computer program, NEMAID, can be used to calculate these coefficients of similarity and obtain a list of the species with the highest coefficients. User friendly features and worldwide distribution through public data networks assure that NEMAID is available to all taxonomists.

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