D. J. Hunt: *A population of Xiphinema macrostylum Esser (Nematoda: Dorylaimida) with a description of the male.*

Whilst examining soil samples taken from banana (*Musa* sp.) at the Wet Area Experimental Station, Dominica a small (20/1) population of *X. macrostylum* was discovered. The population included a single male of the species and this paper describes that specimen and also provides additional morphometric data on the female in an attempt to clarify the status of the species.

Specimens were fixed in hot f.a. 4:1 and processed to glycerol before measuring. (Specimens in author’s collection).

**XIPHINEMA MACROSTYLUM ESSER, 1966**

(Fig. 1)

*Dimensions*

Females (n = 10): L = 2.72 mm (2.36-3.0); width = 79 μm (70-90); oesophagus = 490 μm (439-511); anal body width = 51 μm (46-55); tail = 33 μm (29-36); head to basal guide ring = 168 μm (161-174); odontostyle = 179 μm (171-188); odontophore = 97 μm (93-106); basal flanges width = 18 μm (16-21); a = 34.4 (29.5-39.5); b = 5.5 (4.6-6.3); c = 82.4 (73.5-91); c’ = 0.65 (0.6-0.8); V = 14242.2183 (40-45.5).

Male (n = 1); L = 2.48 mm; width = 77 μm; oesophagus = 607 μm; anal body width = 55 μm; tail = 41 μm; head to basal guide ring = 179 μm; odontostyle = 182 μm; odontophore = 90 μm; basal flanges width = 18 μm; spicules (curved median line) = 96 μm; lateral accessory piece = 25 μm; a = 32; b = 4.1; c = 60.5; c’ = 0.75.

*Description (male)*

The heat relaxed male dies in a ventrally arcuate form with the tail region more sharply curved.

The lip region is continuous with the body contour. Amphid aperture between one third and one half as wide as lip region. Oesophagus as for the genus. Odontostyle very long, the total stylet length being 272 μm.

Spicules as illustrated with a lateral accessory piece. Supplements consisting of a pre-anal pair separated by about one anal body width from the first of a series of six, each being about a half anal body width apart. Tail very short and rounded.

**DISCUSSION**

*X. macrostylum* was first described from around banana roots in Ecuador by Esser (1966). His population did not contain males and the description was based on sixteen females. Cohn & Sher (1972) synonymized *X. macrostylum* with *X. ensiculiferum* (Cobb, 1893) Thorne 1937 *sensu lato*, mainly on the basis of overlapping of some morphometric data.

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Fig. 1. *Xiphinema macrostylum*. A: male neck region; B: male head; C: entire male; D: female genital system; E: male tail region; F: spicule; G: female tail.