

Note brève

THE MALE OF *CHILOPLECTUS ANDRASSYI* (TIMM, 1971)
ANDRÁSSY, 1984 (NEMATODA, PLECTIDAE)

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Of the three species of *Chiloplectus* Andrassy, 1984 only females have hitherto been described (Andrassy, 1984, 1985). Males described here were detected in moss cushions from a roof in Zürich (Switzerland), yielding large populations of *Chiloplectus andrassyi* (Timm, 1971) Andrassy, 1984. Of the 2 000 specimens identified as *C. andrassyi*, only ten were males, present in samples taken in March, June, September and December.

Measurements were taken of specimens mounted in glycerin after having been killed in hot water (60° for 2 mn), preserved for a few weeks in TAF and dehydrated with the rapid method (Seinhorst, 1959).

DIMENSIONS

Females ($n = 20$) : L = 0.84-1.05 mm (0.97 ± 0.07); a = 19-26 (22.0 ± 2.6); b = 3.6-4.5 (4.2 ± 0.2); c = 7.8-9.2 (8.8 ± 0.4); c' = 3.9-5.4 (4.6 ± 0.4); V = 45-50 (47.8 ± 1.3).

Males ($n = 10$). L = 0.83-1.05 mm (0.92 ± 0.07); a = 21-26 (23.6 ± 2.6); b = 3.6-4.4 (4.1 ± 0.3); c = 7.9-9.1 (8.5 ± 0.4); c' = 3.0-3.5 (3.2 ± 0.2); spicules = 37-44 μm (40.5 ± 2.7).

DESCRIPTION

Female : The measurements and other characteristics fit well to those given by Andrassy (1963), Zullini (1978) and Andrassy (1985).

Male : Similar to female. Tail more strongly curved and cuticle thinner : 1.5-2.4 μm (2.0 ± 0.3), finely annulated. Annules 1.0-1.4 μm (1.1 ± 0.1) wide at midbody. Body 34-48 μm (39.7 ± 6.2) wide in the mid-region. Stoma 23-27 μm (25.0 ± 2.0) long. Protostoma short, 2.5-4.0 μm (3.1 ± 0.2) long, ($1/7-1/9$ of stomatal length). Excretory pore 131-149 μm (138 ± 10) from anterior end. Oesophagus 208-246 μm (224 ± 16) long. Two testes, the right one stretched anteriorly, the left one reflexed posteriorly; the ducts join into a common *vas deferens*. Spicules fairly symmetrical. Gubernaculum curved, 13-18 μm (14.7 ± 2.1) long, with a posteriorly directed process. One to three (usually three) preanal tubular supplements, 16-24 μm (18.9

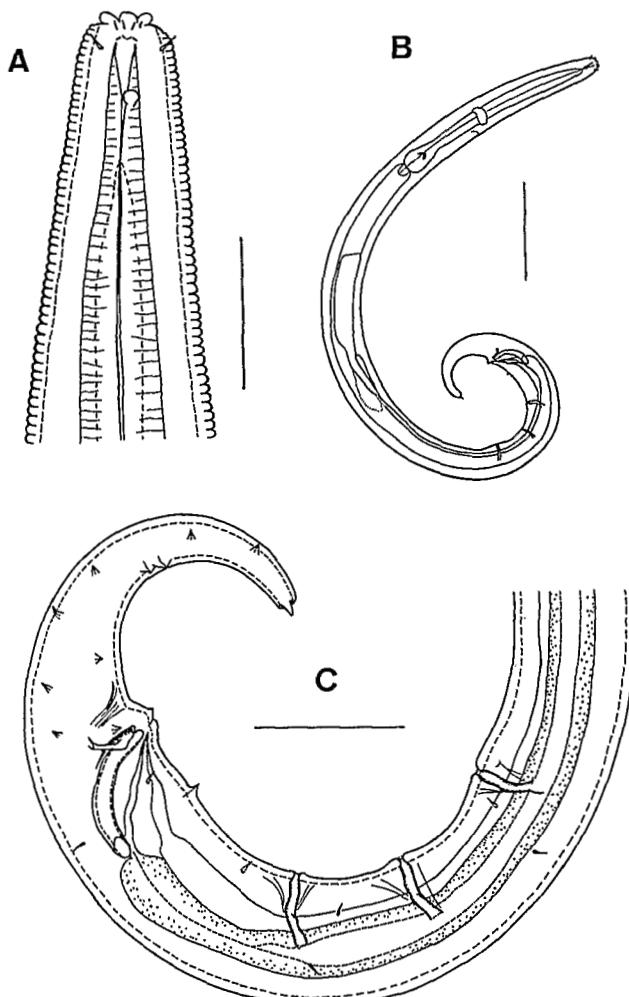


Fig. 1. *Chiloplectus andrassyi* (Timm, 1971) Andrassy 1984. Male. A : Anterior end; B : Entire animal; C : Posterior end. (Bars represent : A, C : 25 μm ; B : 100 μm).

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\pm 3.1) long, lying at about right angles to body axis. Specimens with one or two tubular supplements have a greater distance between cloaca and first supplement than specimens with three : 55-82 μm for the former compared with 32-56 μm for the latter. Distance between the first pair of tubular supplements : 27-50 μm specimens with two and 22-27 μm for specimens with three. Distance between the second pair of supplements : 25-52 μm . Preanal papilla at 17-25 μm (20 ± 2.8) from cloaca. Tail 99-118 μm (109 ± 8) long, with four pairs of subventral and six pairs of subdorsal papillae.

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REFERENCES

- ANDRÁSSY, I. (1963) : Neue und einige seltene Nematoden-Arten aus Argentinien. *Annls hist. nat. Mus. natn. hung.*, 55 : 243-273.
- ANDRÁSSY, I. (1984). *Klasse Nematoda (Ordnungen Monhysterida, Desmoscolecida, Araeolaimida, Chromadorida, Rhabditida)*. Stuttgart, Gustav Fischer Verlag, 510 p.
- ANDRÁSSY, I. (1985) : The genus *Plectus* Bastian, 1865 and its nearest relatives (Nematoda : Plectidae). *Acta zool. hung.*, 31 : 1-52.
- SEINHORST, J. W. (1959) : A rapid method for the transfer of nematodes from fixative to anhydrous glycerin. *Nematologica*, 4 : 67-9.
- ZULLINI, A. (1978) : Nematodi liberi dell'Isola di Tavolara (Sardegna). *Rc. Acad. naz. XL, Ser 5, 3* : 67-76.

Announce/Announcement

XIX^e SYMPOSIUM INTERNATIONAL DE LA SOCIÉTÉ EUROPÉENNE DES NÉMATOLOGISTES

Le XIX^e Symposium International de la S.E.N. se tiendra à l'Université Suédoise des Sciences Agricoles d'Uppsala, Suède, du 7 au 13 août 1988. L'université est située à Ultuna, à environ 6 km du centre d'Uppsala et à 40 minutes en voiture de l'Aéroport International de Stockholm (Arlanda).

Le programme comprendra quatre journées pour la présentation des communications et des posters, et la tenue des colloques. Des rencontres de groupes *ad hoc* et des ateliers pourront se tenir le dimanche 7 août. Il est également prévu une excursion d'une journée, un programme pour les accompagnants et une excursion post-congrès.

Pour tout renseignement complémentaire, inscription, etc. prière de s'adresser au Président de la S.E.N. :

Dr. K. B. ERIKSSON, Swedish University of Agricultural Sciences, Department of Plant and Forest Protection, P.O. Box 7044, 750 07 Uppsala, Sweden.

XIX^e INTERNATIONAL SYMPOSIUM OF THE EUROPEAN SOCIETY OF NEMATOLOGISTS

The XIXth International Symposium of the E.S.N. will be held at the Swedish University of Agricultural Sciences, Uppsala, Sweden, from the 7th to 13th August 1988. The University is situated at Ultuna, ca 6 km from the centre of Uppsala, and approximately 40 minutes drive from the Stockholm International Airport (Arlanda).

The planning is for four days of presented papers, poster sessions, and colloquia. Various ad hoc group meetings and workshops will take place on Sunday the 7th. A full day excursion, a comprehensive spouses program, and post-congress tours are planned.

For any further enquiries, registration, etc., please address the President of the E.S.N. :

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