Diplotriaena singhi sp. n. from a Pied Bushchat, Saxicola caprata bicolor (Sykes) from India

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(With 1 Text-figure)

Diplotriaena singhi sp. n.*

Text-fig. 1.—Diplotriaena singhi sp. n. (a) Female, anterior region; (b) Male, posterior region. lt. sp., left spicule; n.r., nerve ring; rt. sp., right spicule; tr., tirident; vul., vulva

Material.—3♂♂ and 1♀, all from the host-bird (*vide infra*) from Hissar (Punjab).

*Named after Dr. Kunwar Suresh Singh, Professor of Parasitology, Post Graduate College of Animal Sciences, Indian Veterinary Research Institute, Izatnagar, for his help in various ways.

Diagnosis.—A pair of cuticularised tridents present on sides of oesophagus in anterior end; spicules unequal and dissimilar, the left longer and nearly straight, the right shorter and spirally twisted.

Description: Male: Total body-length 11·57-19·4 mm. (holotype 19 mm.), maximum width of holotype 0·61 mm. Tridents two in number, length 0·18mm. Nerve-ring 0·31mm. from anterior end. Spicules dissimilar and unequal. Left spicule more or less straight; length 0·65-0·77mm. (holotype 0·77mm.). Right spicule spirally twisted, with about two turns; straight line distance between the two points 0·40-0·53mm. (holotype 0·5 mm.). Cloaca subterminal; 0·11-0·13 mm. (holotype 0·12mm.) from posterior end. Seven pairs of caudal papillae (5 pairs postanal, 1 pair adanal and 1 pair preanal), all very small and difficult to see.

Female: Total body-length 34·8 mm.; maximum breadth 0·59 mm. Tridents 0·2 mm. in length. Nerve-ring 0·34 mm. from anterior end. Vulva anterior 0·53 mm. from anterior end. Embryonated eggs in uterus 0·046-0·050×0·030-0·032 mm.


Type-locality.—Hissar, Punjab (India).

Type-host.—From the abdominal cavity of the Pied Bushchat, Saxicola caprata bicolor (Sykes) (Aves: Passeriformes, Muscicapidae).

Remarks.—The new species differs from all the known species of the genus in the number and position of caudal papillae and size of both the spicules.

Summary

A new species of an avian nematode is described from a Pied Bushchat, Saxicola caprata bicolor (Sykes). The present is the first record of the genus from this host.