

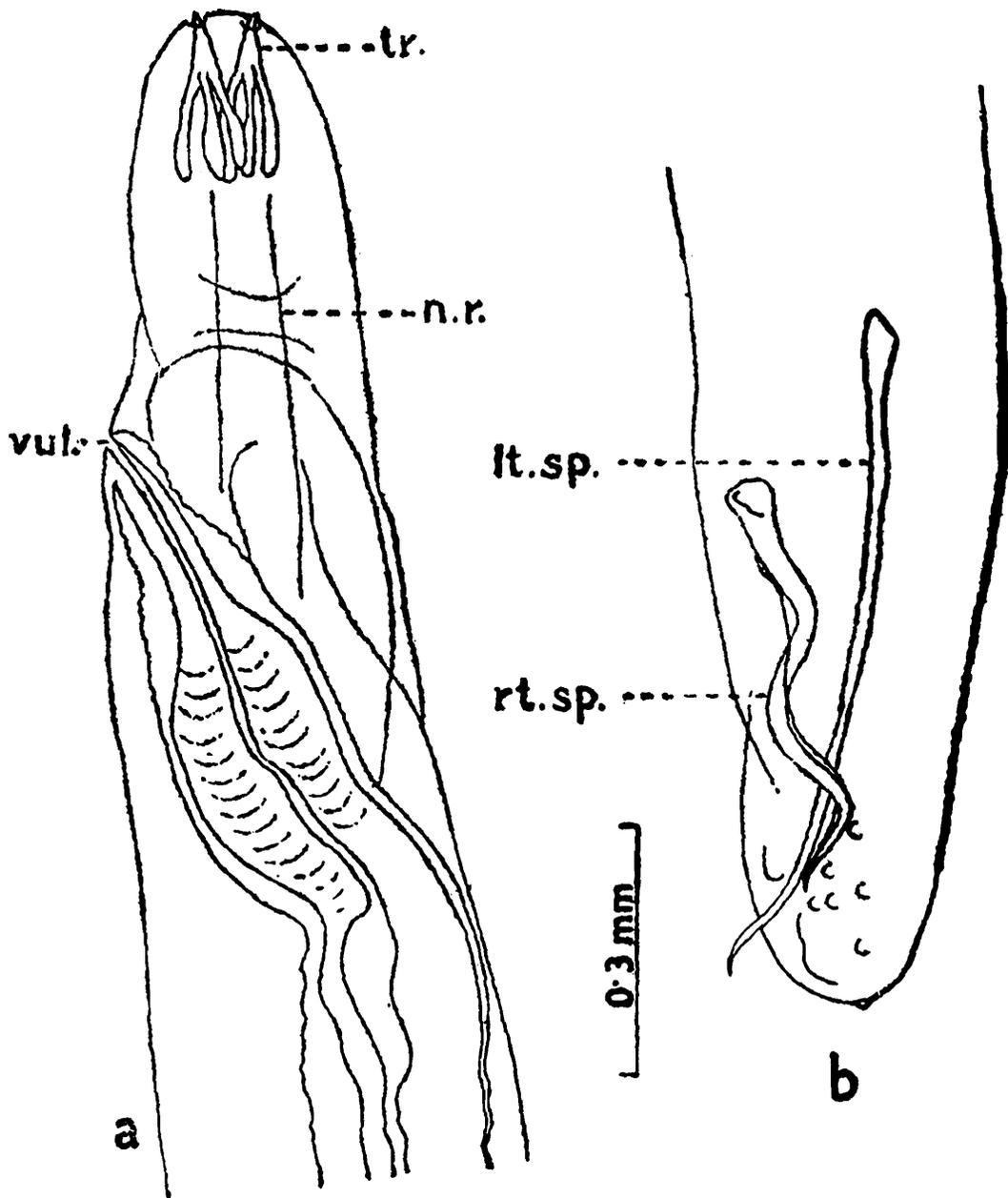
***Diplotriaena singhi* sp. n. from a Pied Bushchat, *Saxicola caprata bicolor* (Sykes) from India**

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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.*, trident; *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.

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(61)

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-specimens.—*Holotype :* ♂, deposited with Zoological Survey of India, Calcutta, Registered No. W 6695/1. *Allotype :* ♀ ; Reg. No. W. 6696/1. *Paratypes :* Two ♂♂, in a poor state of preservation ; Reg. No. W. 6697/1.

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.