

ARQUIVOS DO MUSEU BOCAGE

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NOTES ON THE FIFTH INSTAR NYMPH OF
DICTYLA NASSATA (PUTON) (HETEROPTERA :
TINGIDAE)

by

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During a trip to the region of Trás-os-Montes we collected several specimens of the fifth instar nymph of *Dictyla nassata* (PUT.), together with imagines, on *Echium plantagineum* L. Those nymphs differ, however, from the description and figure of the fifth instar nymph of *Dictyla nassata* given by ŠTUSÁK and ŠTYS (1959). Our specimens are darker, smaller, and with shorter spinous processes on the body margins, head and dorsal body middle-line.

Differences from ŠTUSÁK and ŠTYS's description are as follows:

General colour dark brown with rostral channel and a narrow middle stripe on the ventral side reaching the half of abdomen light brown; eyes, all the antennal segments, posterior projection of pronotum and tibiae dark brown.

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Head with five short spinous processes, neither the anterior frontal ones nor the unpaired frontal process surpassing the tip of anteclypeus; the pair of occipital processes directed almost upwards so that their tip do not surpass anterior margin of eyes.

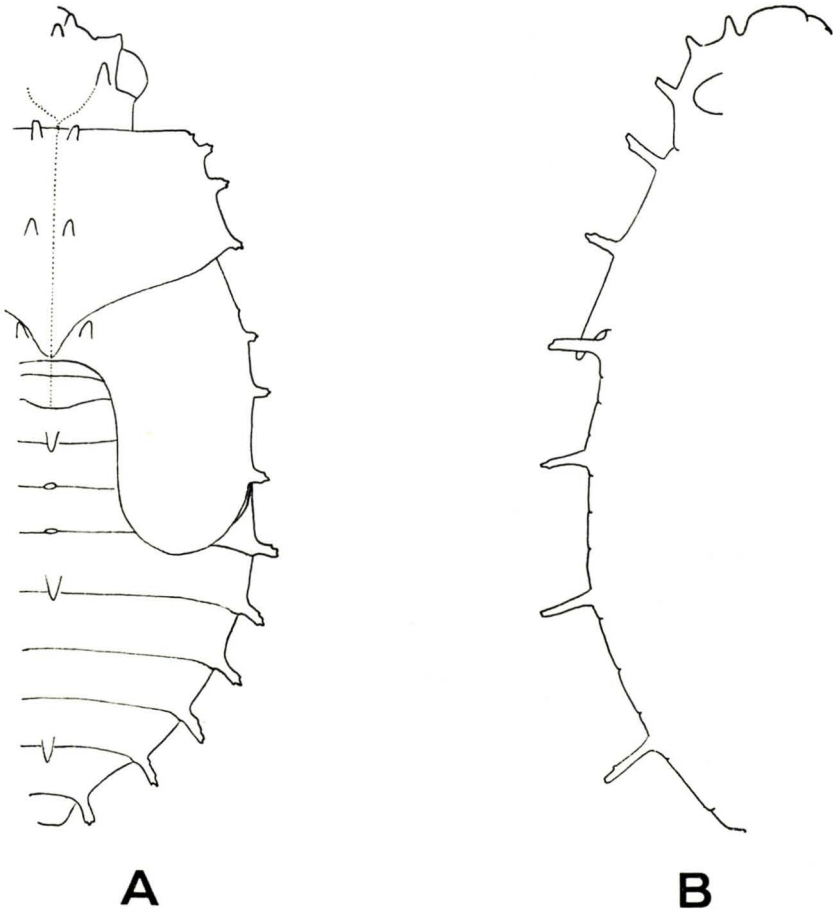


FIG. 1 — Fifth instar nymph of *Dictyla nassata* (PUT.). — A — Dorsal view (right half)
B — Lateral view.

Pronotum 1,4 times as wide as long in the middle. Three short spinous processes on the lateral margins of pronotum, all about the same size, the 2nd process situated on the middle length of lateral margins.

Lateral margins of hemelytral lobes provided with three small spinous processes, the 1st shorter.

Postero-lateral angles of abdominal segments IV-IX armed with one spinous process in each angle, longer than those on lateral margins of pronotum and hemelytral lobes.

Measurements: Length of body: 2,30 mm (2,21-2,36 mm); width of body: 1,11 mm (1,08-1,16 mm); width of head: 0,45 mm (0,42-0,47 mm); length of antenna: 0,92 mm (0,89-0,95 mm); length of antennal segments: I, 0,103 mm (0,096-0,108 mm), II, 0,094 mm (0,084-0,096 mm), III, 0,480 mm (0,456-0,504 mm), IV, 0,240 mm; relation of rostral segments: I:II:III:IV = 0,24 mm: 0,30 mm: 0,16 mm: 0,18 mm; length of pronotum: 0,67 mm (0,66-0,71 mm); width of pronotum: 0,95 mm (0,91 mm-0,98 mm); length of posterior tibia: 0,72 mm (0,71-0,74 mm); length of posterior tarsus: 0,18 mm (0,18-0,19 mm).

Material examined: E.N. 308, Km. 306,3, distr. Bragança, V. 77, on *Echium plantagineum* L., 16 exx; E.N. 15, Km. 166,5, nr. Franco, distr. Bragança, on *Echium plantagineum* L., 4 exx; leg. P.D. Rodrigues.

BIBLIOGRAPHY

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