

REDESCRIPTION OF *MICRURUS DONOSOI*
HOGE, CORDEIRO ET ROMANO
[SERPENTES: *ELAPINAE*]

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ABSTRACT: Redescription of *Micrurus donosoi* Hoge, Cordeiro and Romano, 1976.

UNITERMS: *Serpentes, Elapinae Micrurus donosoi* Hoge; Cordeiro and Romano, 1976; *M. collaris* (Schlegel 1837); *M. narducci* (Jan. 1863) and *M. karlschmidti* (Romano, 1972).

At the 28th meeting of the "Sociedade Brasileira para o Progresso da Ciência" the authors presented a summary of the description of a new species, *Micrurus donosoi* named in honor of the late Roberto Donoso-Barros. *Micrurus donosoi* Hoge, Cordeiro et Romano¹, was described after three specimens.

Material: IBH 40.155, 40077 and 40.094 collected by Luiz Werneck de Castro Filho, respectively at July 30-1975, June 18-1975 and July 4-1975.

All specimens are from the same locality "Mineração Serra do Sul Ltda" 60 km north of São Felix do Xingu, Long. 51° 55' W. Lat. 6° 10' S. Pará, Brazil.

Holotype: IBH 40.155.

Type locality: "Mineração Serra do Sul Ltda" 60 km north of São Felix do Xingu, Long. 51° 55' W. Lat. 6° 10' S. Pará, Brazil.

Paratypes: IBH Nos. 40.094 and 40077 males, from the same collector and locality as Holotype.

Diagnosis: A coral snake without rings, entirely black above, related to *Micrurus corallinus* (Merrem 1820), differing in: lacking the red bands on the dorsum (fig. 5 and 6), in having the first black on the belly concave instead of pointed in front (fig. 1 and 2) and red interspaces of the belly heavily spotted with black instead of entirely red (fig. 3 and 4).

Micrurus donosoi is easily distinguished from all other *Micrurus* sp in: lacking the red bands on the dorsum; no white collar on or just behind the parietals; and no rows of the transverse white spots.

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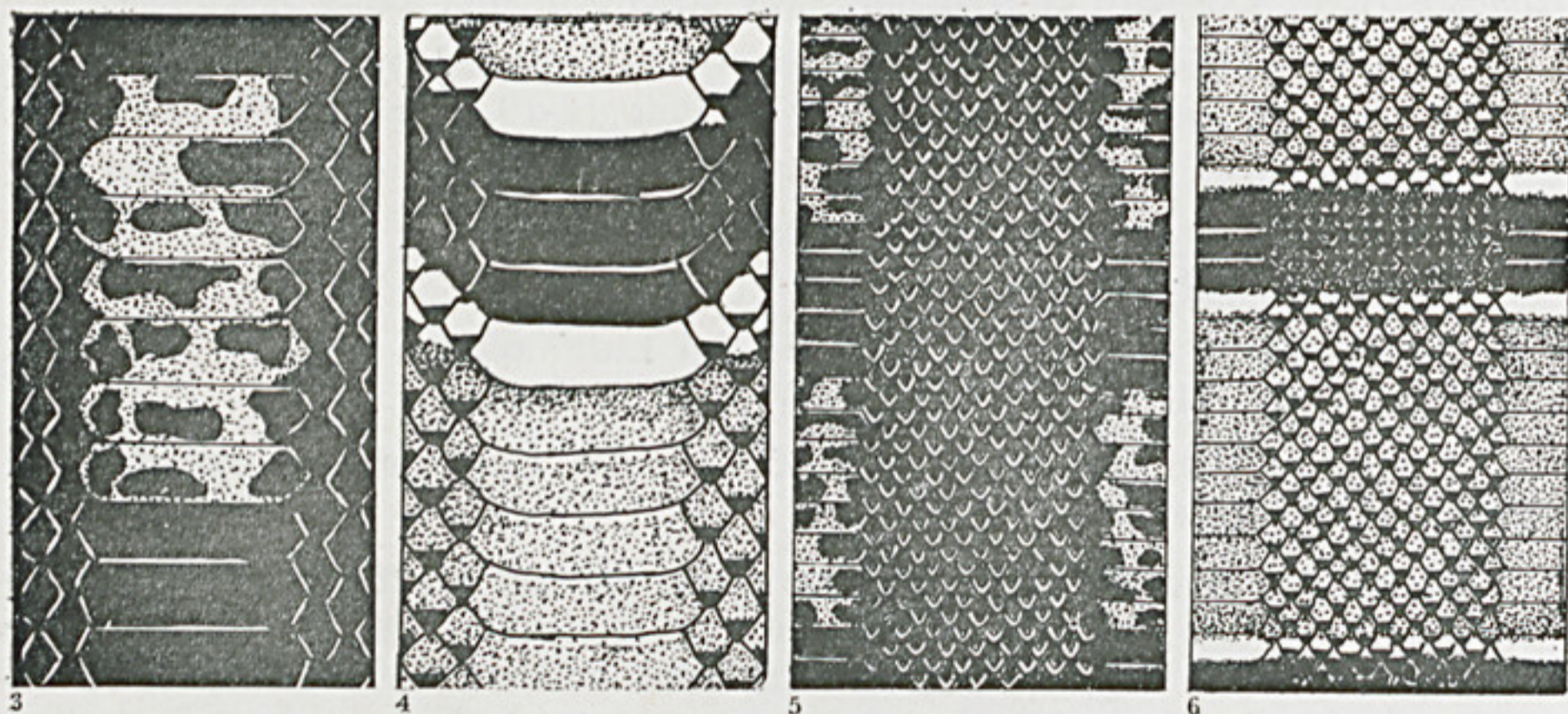
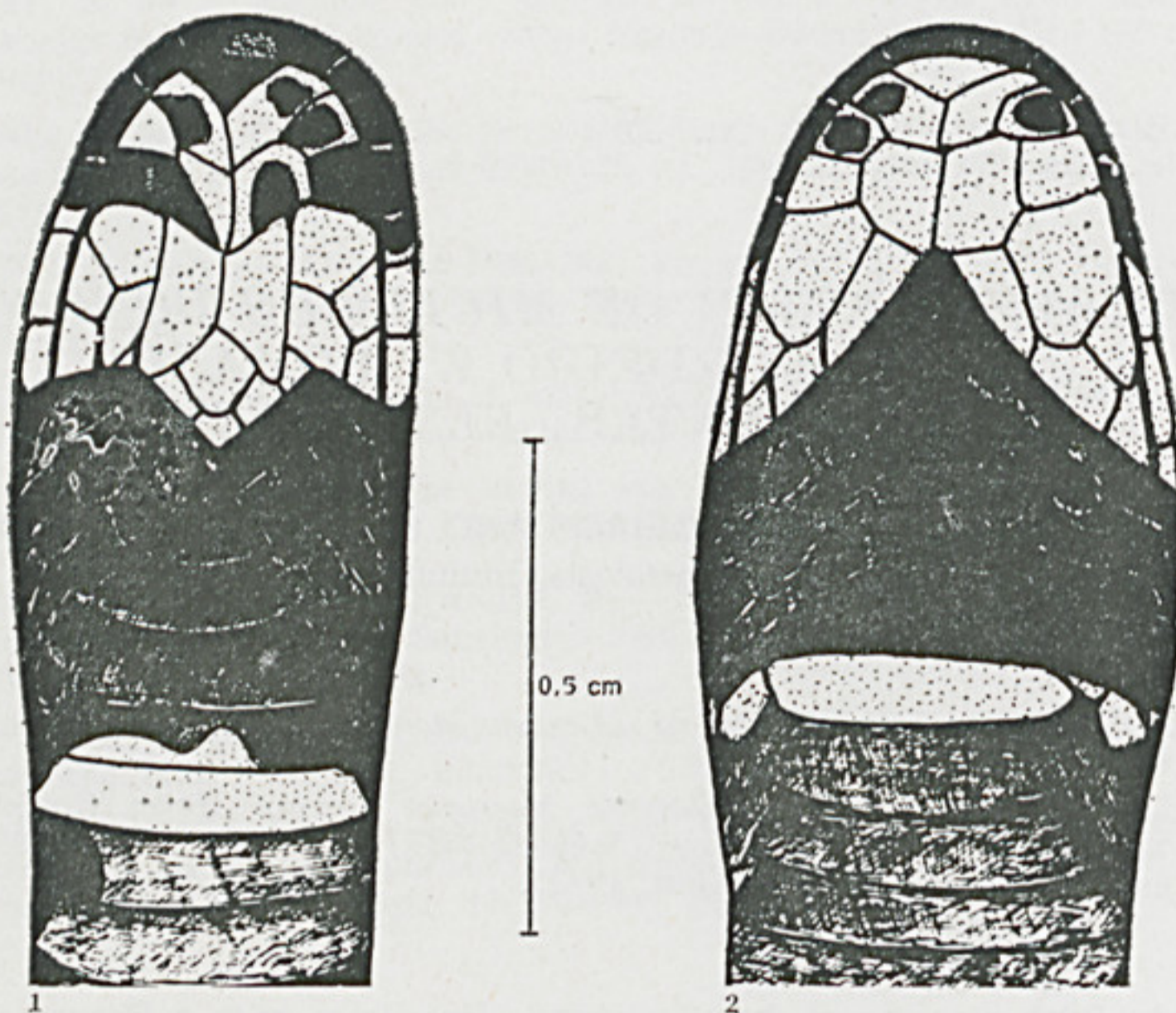


Fig. 1 — *Micrurus donosoi*, Holotype, showing the concave black band.
 Fig. 2 — *Micrurus corallinus*, showing the pointed black band.
 Fig. 3 — *Micrurus donosoi*, Holotype. Ventral view showing the heavily black spotted red interspaces.
 Fig. 4 — *Micrurus corallinus*. Ventral view showing the entirely red interspaces.
 Fig. 5 — *Micrurus donosoi*, Holotype. Dorsal view showing the entirely black dorsum.
 Fig. 6 — *Micrurus corallinus*. Dorsal view showing the banded pattern.

Description of Holotype: Rostral slightly broader than deep, frontal nearly as broad as long, as long as its distance from the rostral, much shorter than the parietals; parietals a little longer than broad, as long as their distance from the internasals; one larger preocular; two postoculars; temporals 1+7; 7 upper labials, (3th and 4th) entering the orbit; 7 lower labials, four in contact with anterior chin shields which are a little shorter than the posterior ones.

Dorsals in 15 longitudinal rows; ventrals 193; anal divided; subcaudals 42/42.

Dorsum and upper side of the head black. Belly with 16 black band separated by red interspaces which are heavily spotted with black, (fig. 3), 8 black bands (including tip of tail) on the underside of tail, separated by narrow white crossbands. Total length 481,9mm body 397mm, tail 74mm, head 11,9mm.

Paratypes: N.º 40.077, ventrals 192; subcaudals 44/44; 18 black-crossbands on the belly and 7 on the underside of tail, head 10mm, body 373mm, tail 56mm. N.º 40.094, ventrals 192; subcaudals 50/50; 16 black crossbands on the belly and 11 on the underside of tail, head 10,9mm, body 373mm, tail 74mm.

Notes: *Micrurus donosoi* differs from *M. collaris* (Schlegel 1837)⁵, *M. narducci* (Jan 1863)² and *M. karlschmidti* (Romano 1972)³ in: having only 192-193 ventrals instead of 215-315; the symphyseal scale separated from the anterior chin shields instead of in contact and the absence of the white collar on or behind the parietals.

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RESUMO: Redescricao de *Micrurus donosoi* Hoge, Cordeiro e Romano, 1976.

UNITERMOS: *Serpentes, Elapinae Micrurus donosoi* Hoge, Cordeiro e Romano 1976; *M. collaris* (Schlegel, 1837); *M. narducci*, (Jan, 1863) e *M. karlschmidti* (Romano, 1972).

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