

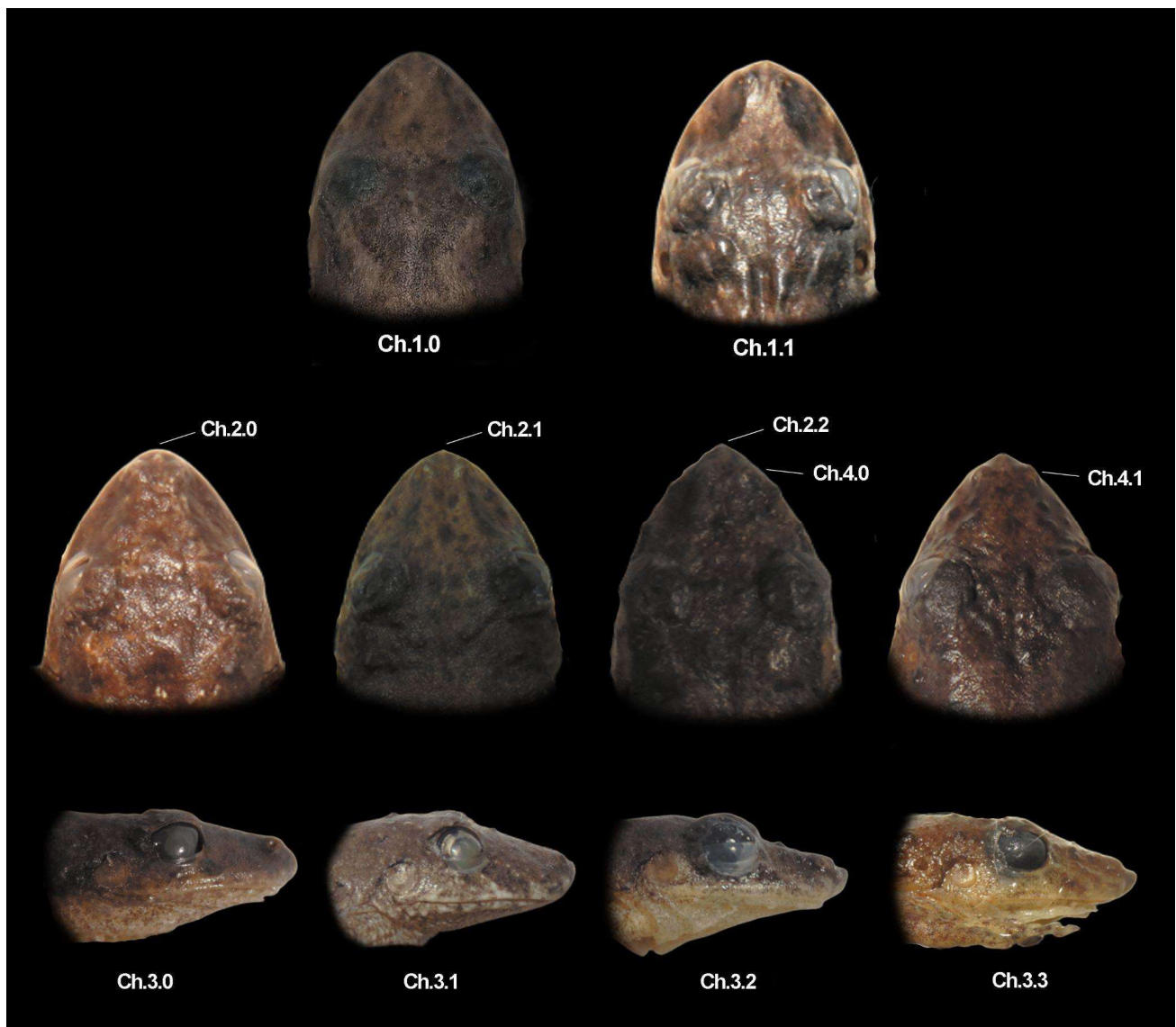
Supplementary Material

A taxonomic revision of *Scinax nebulosus* (Anura: Hylidae) with the revalidation of *Scinax cynocephalus* and the description of three new species

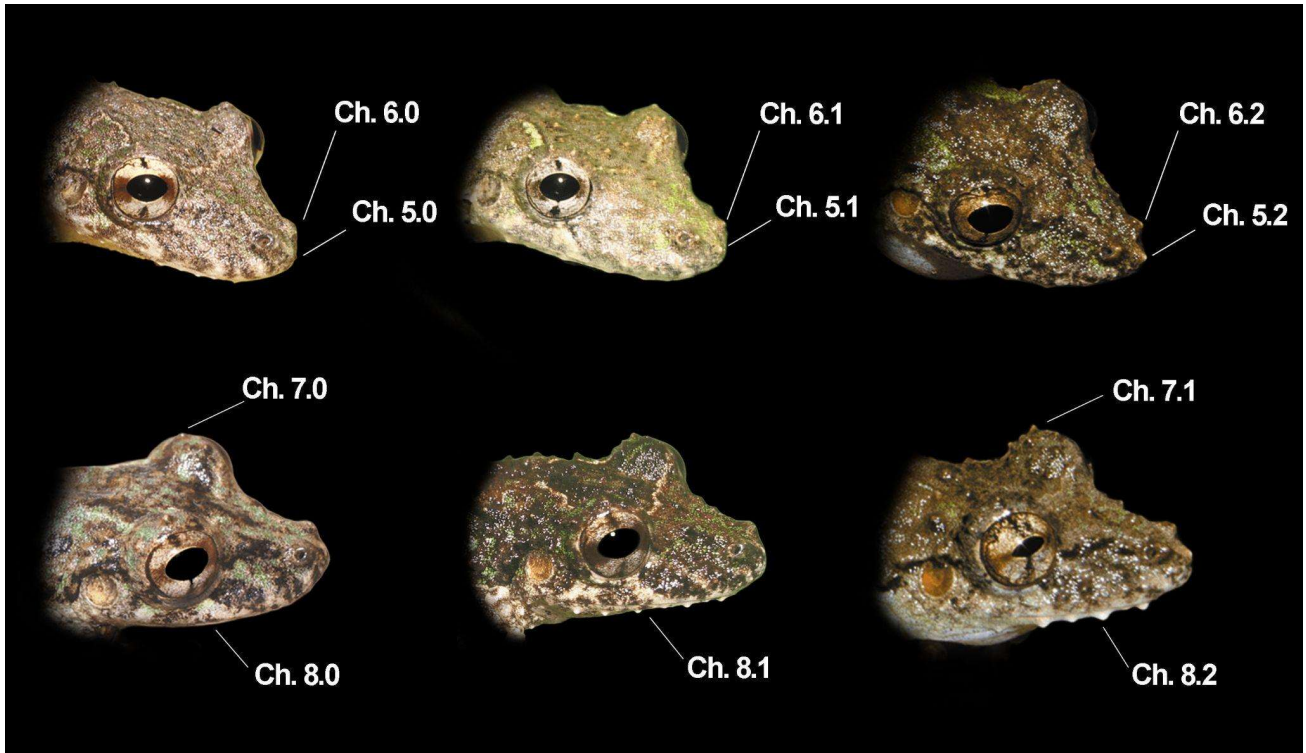
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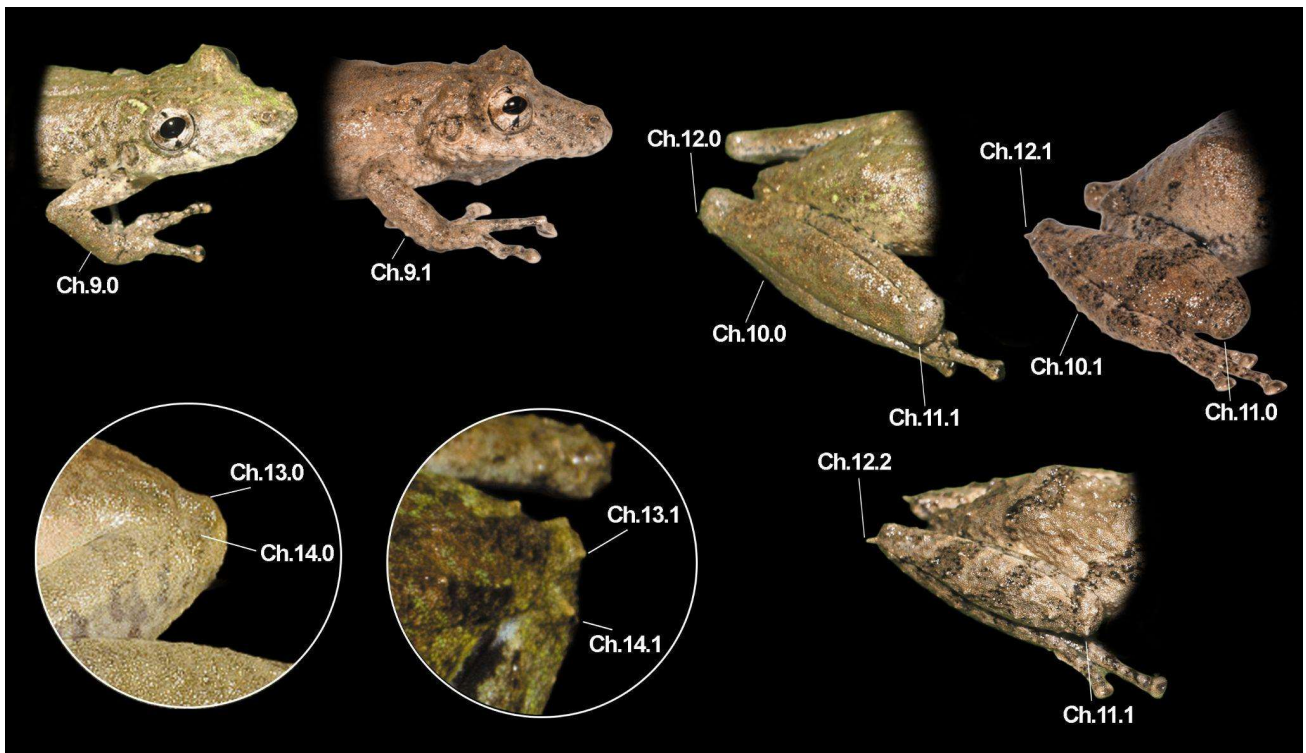
Appendix S1. List of characters and their respective character states used in the morphological analyses of the *Scinax nebulosus* species complex in the present study.



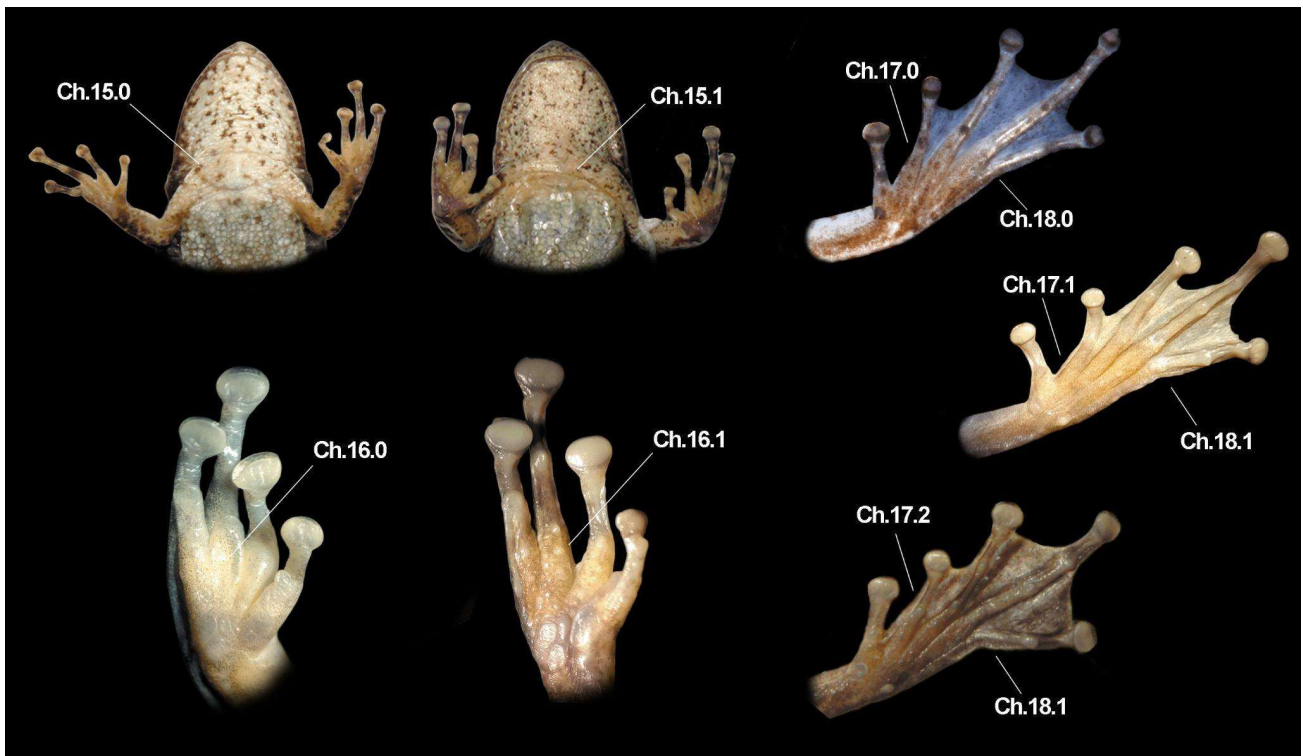
Ch. 1. Head in dorsal view, shape (0) Subovoid, (1) nearly rounded. Following the terminology proposed by Heyer et al. (1990); **Ch. 2.** Snout in dorsal view, shape (0) Rounded, (1) nearly acute, (2) acute. Following the terminology proposed by Heyer et al. (1990); **Ch. 3.** Snout in lateral view, shape (0) Rounded, (1) nearly protruding, (2) protruding, (3) acute. Following the terminology proposed by Heyer et al. (1990); **Ch. 4.** Nostrils in dorsal view (0) Not prominent, (1) prominent.



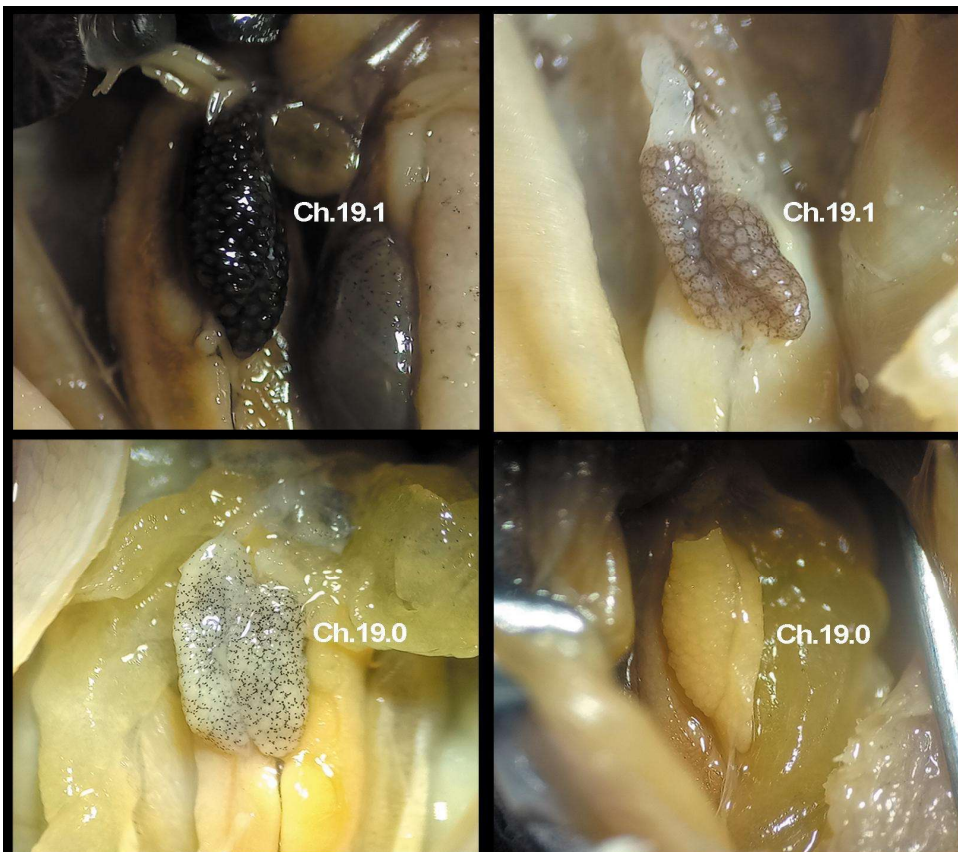
Ch. 5. Snout, dermal ornamentation, pointed tubercle (0) Absent, (1) slight, (2) evident; **Ch. 6.** Nostrils, dermal ornamentation, pointed tubercles (0) Absent, (1) slight, (2) evident; **Ch. 7.** Eyelids, dermal ornamentation, pointed tubercles (0) Absent or indistinct, (1) present; **Ch. 8.** Lower jaw, labial tubercles (0) Absent, (1) small, (2) pointed. Adapted from Araujo-Vieira et al. (2023), Ch. 53, 55;



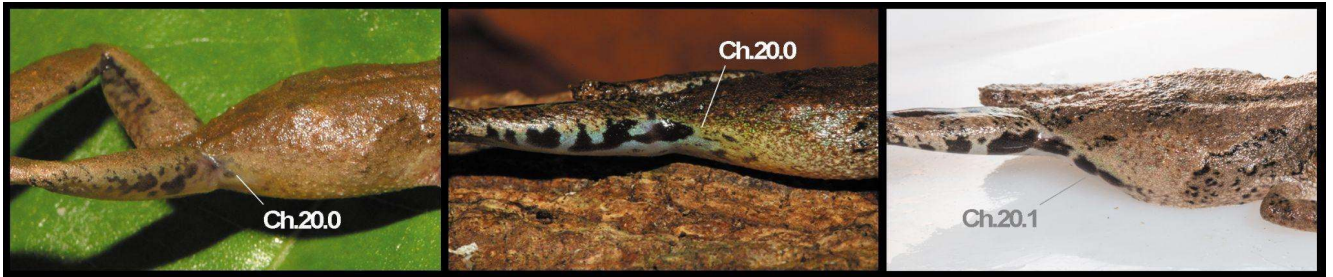
Ch. 9. Forearm, dermal ornamentation, elevated tubercles arranged in a line (0) Small or indistinct, (1) pointed. Adapted from Araujo-Vieira et al. (2023), Ch. 50; **Ch. 10.** Tarsus, dermal ornamentation, elevated tubercles arranged in a line (0) Small or indistinct, (2) pointed. Adapted from Araujo-Vieira et al. (2023), Ch. 51; **Ch. 11.** Knee, dermal ornamentation, tubercle (0) Absent or indistinct, (1) pointed; **Ch. 12.** Heel, dermal ornamentation, conical process (0) Indistinct, (1) small, (2) large. Adapted from Araujo-Vieira et al. (2023), Ch. 52; **Ch. 13.** Supracloacal region, pair of pointed tubercles (0) Absent, (1) present. From Araujo-Vieira et al. (2023), Ch. 56; **Ch. 14.** Paracloacal region, pair of dorsolateral pointed tubercles (0) Absent, (1) present. From Araujo-Vieira et al. (2023), Ch. 57.



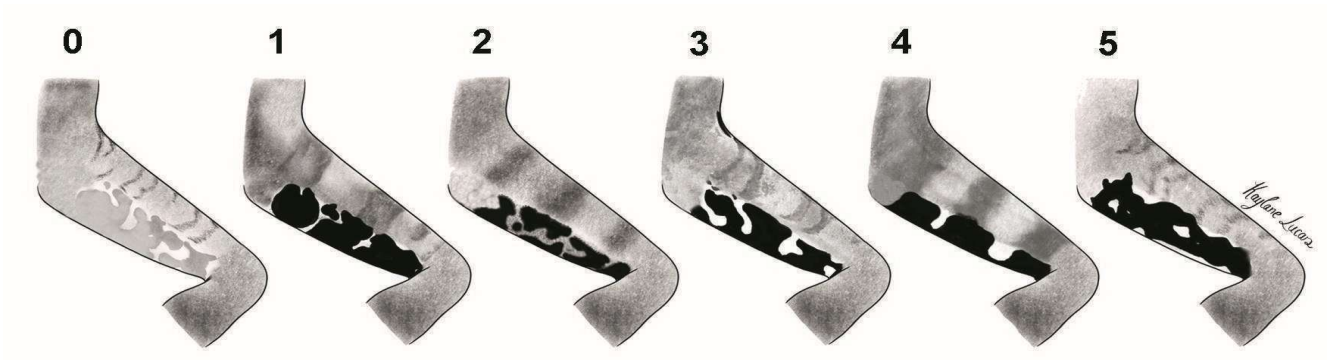
Ch. 15. Pectoral fold in females, shape (0) Compound fold, (1) preaxillar and shallow fold. From Faivovich (2002), Ch. 26, and Araujo-Vieira et al. (2023), Ch. 45; **Ch. 16.** Supernumerary tubercles on the proximal phalanx of finger III (0) Absent, (1) present; **Ch. 17.** Preaxial fringe on toe II (0) Absent, (1) poorly developed, (2) developed; **Ch. 18.** Postaxial fringe on toe V (0) Absent, (1) poorly developed.



Ch. 19. Visceral peritoneum covering the testes, colouration (0) Colourless/light-toned, weakly pigmented, (1) dark, heavily pigmented. Adapted from Araujo-Vieira et al. (2023), Ch. 67.



Ch. 20. Pattern of markings on the inguinal region (0) small diffuse marks or immaculate, (1) large marks extending to the lateral region of the body.



Ch. 21. Pattern on the posterior inner surface of the thighs (0) faint spots, (1) large irregular spots with, (2) irregular diffuse spots, (3) marbled pattern, (4) vertical bars, (5) completely darkened. Adapted from Duellman (1972).

Literature

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- Duellman W.E. 1972: South American frogs of the *Hyla rostrata* group (Amphibia, Anura, Hylidae). *Zool. Meded.* 47: 177–192.
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