

WISSENSCHAFTLICHE KURZMITTEILUNGEN

**A clarification of the dental formula of *Bassariscus sumichrasti*
(Carnivora; Procyonidae)**

By INGBORG POGLAYEN-NEUWALL and I. POGLAYEN-NEUWALL

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The dental formula for *Bassariscus* sp., $3/3-1/1-3/4-3/2 = 40$, as reported by HALL (1981) is valid for *Bassariscus astutus*. This is also evidenced by closely monitoring the tooth development of 31 young of this species (POGLAYEN-NEUWALL and POGLAYEN-NEUWALL 1993).



Upper jaw of a ♂ *Bassariscus sumichrasti*, 113 days old. Note deciduous molariform premolar 4 in the process of being replaced by molariform permanent premolar 4. (From X-ray by Dr. K. F., LYON)

Six Central American cacomixtles (*Bassariscus sumichrasti*), born in the colony of the authors, were also checked every other day for tooth eruption and succession. The dentition for this species, however, was determined to be $3/3-1/1-4/4-2/2 = 40$ (figure).

References

- HALL, E. R. (1981): The mammals of North America. New York: John Wiley and Sons.
POGLAYEN-NEUWALL, I.; POGLAYEN-NEUWALL, I. (1993): Behavior, reproduction, and postnatal development of *Bassariscus astutus* (Carnivora; Procyonidae). D. Zool. Garten (NF) 63, 73–125.

Authors' address: Dr. INGBORG POGLAYEN-NEUWALL and Dr. IVO POGLAYEN-NEUWALL, 1765 N. Indigo Drive, Tucson, AZ 85745, USA

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Autor(en)/Author(s): Poglayen-Neuwall Ingeborg, Poglayen-Neuwall Ivo

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