**Table S3:**

**External morphological characteristics of *Phyllodytes* tadpoles described in the literature and the present paper.**

**St. – Stage (Gosner 1960), TL = total length (in mm), BRL = body length relative to TL (BL/TL), LTRF = labial tooth row formula, MP = rows of marginal papillae, EOA = emargination of oral apparatus (NE =** **non-emarginated), BF = body format, BC = body constriction, DFO = dorsal fin origin, VFO = ventral fin origin, SP = spiracle position, EP = eye position, \* - character states based on illustrations provided in the original tadpole description.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | St | TL | BRL (%) | LTRF | MP (rows) | EOA | BF | BC | DFO | VFO | SP | EP | Ref. |
| *P. acuminatus* | 38 | 26 | 41 | 2(2)/4 | two | NE | depressed | absent | body-tail junction | on body | at midbody in lower half | dorsally | *Campos et al., 2014* |
| *P. brevirostris* | 35 | 17.3–32.7 | 38 | 2(2)/5 | one anteriorly and two posteriorly | NE | depressed | absent | on body | on body | at midbody at midline | dorsally | *Vieira et al., 2009* |
| *P. edelmoi* | 28 | 27.1 | 36 | 2(2)/5–6 | two anteriorly and three posteriorly | NE | depressed | absent | on body | on body | in body's last third, in lower half | dorso-laterally | *Peixoto et al., 2003* |
| *P. gyrinaethes* | 34 | 30 | 35 | 1(1)/5 | one | NE | depressed | anteriorly and laterally | body-tail junction | on body | in body's last third, in lower half | laterally | *Peixoto et al., 2003* |
| *P. luteolus* | 36 | 29 | - | 2(2)/4 | one | NE | depressed\* | laterally | at tail musculature | on body | at midbody at midline | dorsally | *Bokermann, 1966* |
| *P. magnus* | 35 | 28.8 | 36 | 2(2)/5–6 | one | NE | depressed | absent | on body | on body | at midbody in lower half | dorsally | *Present study* |
| *P. melanomystax* | 36 | 34.6 | 32 | 2(2)/3 | one | NE | depressed | absent | at tail musculature | at tail musculature | at midbody at midline | dorso-laterally | *Caramaschi et al., 1992* |
| *P. praeceptor* | 38 | 25.1 | 33.5 | 1/2 | two, with a large anterior gap | NE | depressed | slightly laterally | body-tail junction | on body | in body's last third, in lower half | dorso-laterally | *Santos et al., 2019* |
| *P. tuberculosus* | 35 | 31 | - | 2(2)/4 | one | NE | depressed\* | laterally | at tail musculature | on body | at midbody at midline | dorsally | *Bokermann, 1966* |
| *P. wuchereri* | 36 | 31.5 | 38 | 2(2)/4 | one | NE | depressed | absent | body-tail junction | on body | at midbody in lower half | dorsally | *Magalhães et al., 2015* |

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