

Psilotris Key to Species

Modified from Smith & Baldwin 1999

Revised 7 Jan 2015

- 1a Pectoral fin with dark brown to black bar running dorsoventrally at a posterior angle across fin; dorsal and caudal fins also with dark bars; anal-fin elements 7 or 8 (usually 7); second dorsal-fin elements 9-10 (nearly always 9)..... [*batrachoides*](#)
- 1b Pectoral fins lacking bar running dorsoventrally at a posterior angle across fin, fin is bicolored (upper half black) or unpigmented; anal-fin elements 8-11 2
- 2a Pectoral-fin rays 15; anal-fin elements 8-9 [*alepis*](#)
- 2b Pectoral-fin rays 16-19; anal-fin elements 9-11 3
- 3a Caudal fin with 3 oblique, dark bars; snout vert short and blunt, with steep anterior profile; second dorsal-fin elements 11-12 [*amblyrhynchus*](#)
- 3b Caudal fin without 3 oblique, dark bars; snout more acute, with flatter anterior profile; second dorsal-fin elements 10-11 4
- 4a Pectoral fin bicolored, dark brown to black on upper 9-11 rays and membranes and white below; anal-fin elements 10-11 (usually 11) [*kaufmani*](#)
- 4b Pectoral fin not bicolored; anal-fin elements 9-11 (usually 10) 5
- 5a Posterior end of jaw extending past posterior margin of pupil; caudal peduncle slender (80-89 thousandths of SL); snout short (44-55 thousandths of SL) [*boehlkei*](#)
- 5b Posterior end of jaw not extending past posterior margin of pupil; caudal peduncle deeper (greater than 92 thousandths of SL); snout longer (greater than 55 thousandths of SL) [*celsus*](#)