

COLOUR KEY TO LIVE MALES OF *LABIDOCHROMIS*

1. a. Overall colour white 2
 b. Overall colour blue to blue-black 3
 C. Overall colour brown to purple 4
2. a. Body white, with or without a blue cast; a thick black submarginal bar on dorsal fin at all times (males and females) ; no vertical bars ***L. caeruleus*** Fryer
 b. In sexually inactive males body white with traces of 3–5 dark bars anteriorly; no submarginal bar; colour changes dramatically when sexually active (see 3 d) ***L. chisumulae* sp. nov.**
 C. Body and fins all white, with or without mauve cast; dark preorbital bar and dark submarginal bar on anal fin; no dark vertical bars on flanks and no submarginal bar on dorsal fin ***L. pallidus* sp. nov.** and ***L. mylodon* sp. nov.** (indistinguishable in gross morphology)
3. a. Overall bright blue with no bars, or very faint bars, on flanks and a black bar bordered with very pale blue between the eyes. Dorsal pale blue, lappets white tipped with brown; a large species ***L. gigas* sp. nov.**
 b. Overall bright blue with prominent dark vertical bars (seven below dorsal) extending full depth of flank; snout blue-grey, sharply demarcated from rest of head which is bright blue; dorsal fin pale blue, with or without dark submarginal bar; lappets pale blue ***L. freibergeri*** Johnson
 c. Overall royal blue with variably prominent dark vertical bars; dorsal fin bright blue with a dark submarginal bar; lappets white, edged with vermilion; body elongate ***L. strigatus* sp. nov.**
 d. Overall bright blue, becoming very pale to white posteriorly and ventrally; 8–9 vertical black bars on flanks; bars prominent anteriorly, becoming fainter posteriorly. Anterior bars widen to merge at dorsal margin and fade towards lower part of flank. Spinous part of dorsal fin black with white lappets ***L. chisumulae* sp. nov.** (see also 2b)
 e. Overall bright blue with a few wide black bars running full depth of flank and extending onto dorsal fin. Dorsal fin between bars pale blue, lappets white. Lower jaw and usually tip of upper jaw white, contrasting with remainder of head which is blue ***L. zebroides* sp. nov.**
 f. Sexually active males blue-black with 7–8 thin, pale blue bars below dorsal fin; two prominent pale blue bars between eyes; dorsal fin blue-black with pale blue lappets, sometimes with pale blue streaks continuous with pale blue body stripes ***L. lividus* sp. nov.**
4. a. Purple-grey with prominent rust-coloured cast, especially in head region; 7–8 dark bars of variable prominence below dorsal; soft dorsal, caudal and anal orange-brown distally; dorsal lappets orange-brown ***L. vellicans*** Trewavas

- b. Mid-brown with 10–11 dark vertical bars below dorsal and two horizontal bars; dorsal, caudal and anal yellowish with dark rays
***L. mbenjii* sp. nov.**
- c. Very dark brown to dark grey, with 9–11 darker vertical bars below dorsal; dark submarginal bar on dorsal becoming darker posteriorly; dark blotches on rayed part of dorsal
***L. maculicauda* sp. nov.**
- d. Olive-brown, with iridescent blue centres and orange borders to scales; 9 dark bars below dorsal; short dark submarginal bar on rayed part of dorsal; dark spot usually present at base of caudal
***L. shiranus* sp. nov.**
- e. Dusky olive with orange-brown horizontal bars (cf. females of *L. shiranus*, *L. strigatus* and *L. maculicauda*)
***L. flavigulis* sp. nov.**
- f. Yellowish brown with mauve cast; 7–9 dark bars below dorsal fin; dorsal yellowish with dark submarginal bar
***L. heterodon* sp. nov.**
- g. Olive with mauve cast; 6–7 dark bars below dorsal; dorsal pale yellowish grey with blue cast
***L. ianthinus* sp. nov.**