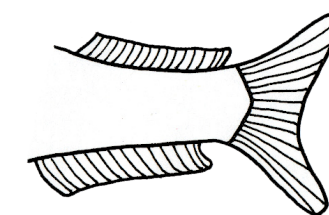
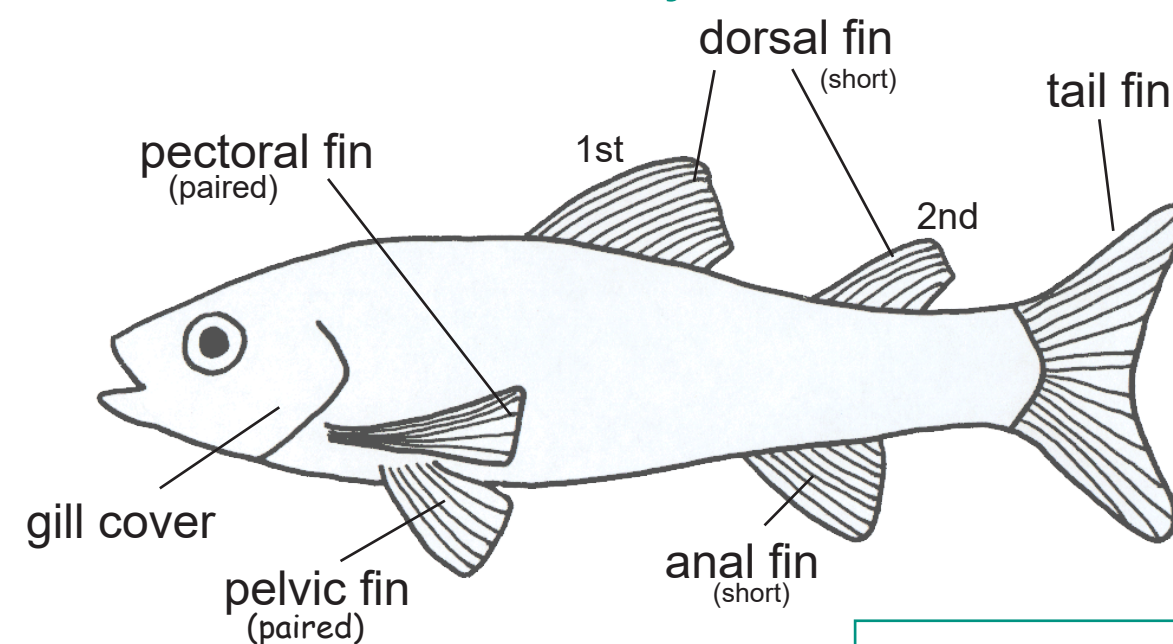


# Freshwater Fish Identification Key

- 1** Fish longer than 15cm.....⇒2  
Fish shorter than 15cm.....⇒6
- 2** Has paired fins (pelvic and/or pectoral fins).....⇒3  
No paired fins....  
--> pouch under head.....Pouched Lamprey (male)  
--> no pouch under head.....Pouched Lamprey (female)  
or a Short-headed Lamprey
- 3** One dorsal fin.....⇒4  
Two dorsal fins.....⇒5  
2nd dorsal fin, anal fin and tail fin all joined.....Freshwater Catfish
- 4** Whiskers in corner of mouth (barbel)  
--> long dorsal fin (see small diagram).....Carp\*  
--> short dorsal fin (see big diagram).....Tench\*  
No whiskers (barbel)...  
--> and a round tail.....River Blackfish  
--> and a forked tail.....Goldfish\*
- 5** 1st dorsal fin long (see small diagram) and dark stripes on body.....Redfin Perch\*  
1st dorsal fin short (see big diagram)  
--> and pink stripe along side and gill cover.....Rainbow Trout\*  
--> and no pink stripe along side.....Brown Trout\*
- 6** One dorsal fin.....⇒7  
Two dorsal fins.....⇒8
- 7** Dorsal fin further from nose than anal fin.....Gambusia\*  
Dorsal fin and anal fin same distance from nose.....Common Jollytail  
Dorsal fin closer to nose than anal fin  
--> dark blotch just behind gill cover.....Climbing Galaxias  
--> no dark blotch just behind gill cover.....Mountain Galaxias
- 8** Long anal and 2nd dorsal fin (see small diagram).....⇒9  
Short anal and 2nd dorsal fin (see big diagram).....⇒10

- 9** Long narrow body with dark blotches.....Congolli  
Body widest near head, no dark blotches.....Crimson-spotted Rainbowfish
- 10** Forked tail, stripe down side of body.....Small-mouthed Hardyhead  
Tail not forked, no stripe down side of body.....⇒1
- 11** Every scale has a brown outline.....Midgley's Carp Gudgeon  
Blue spot on 1st dorsal fin.....Swan River Goby  
Pink and brown spots on body.....Purple-spotted Gudgeon  
Brown blotches on body.....Flathead Gudgeon

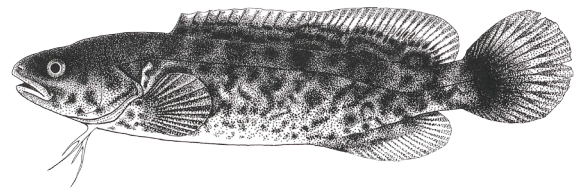
## General fish anatomy



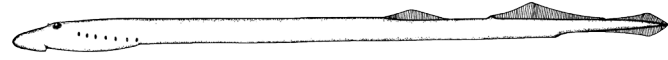
Long anal and 2nd dorsal fin

\*non-native

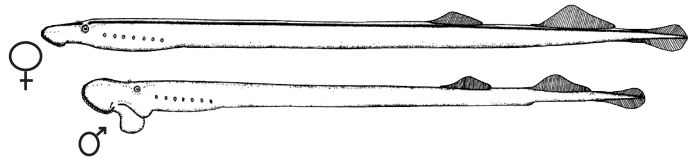




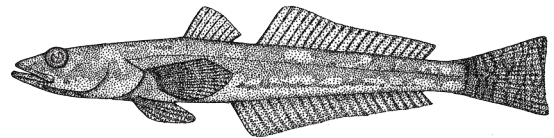
River Blackfish 15-20cm, max. 35cm



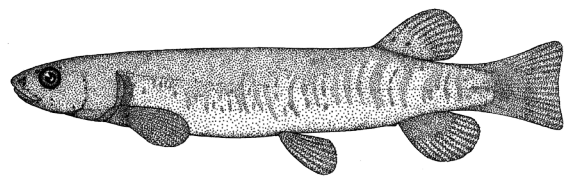
Short-headed Lamprey 40-50cm, max. 80cm



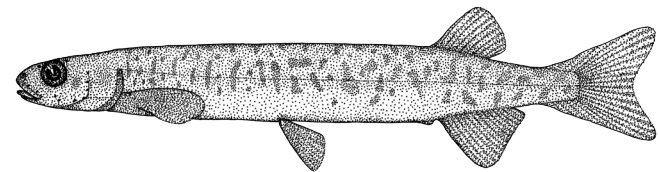
Pouched Lamprey 30-40cm, max. 70cm



Congolli 10-15cm, max. 34cm

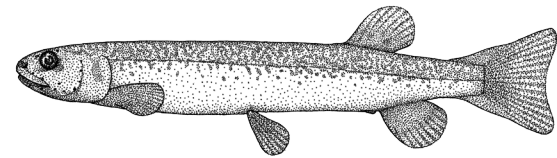


Climbing Galaxias 8-12cm, max. 22cm

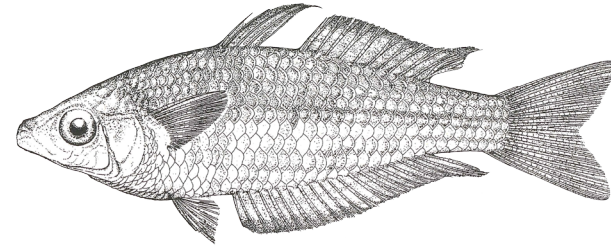


Common Jollytail 6-10cm, max. 19cm

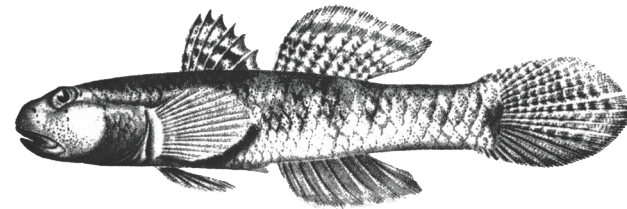
Illustrations from McDowall, R. (1996), Freshwater Fishes of South-Eastern Australia (Reed Books)



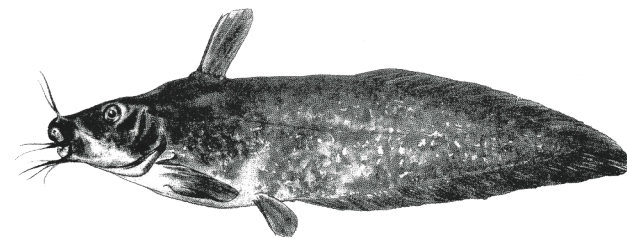
Mountain Galaxias 6-8cm, max. 12cm



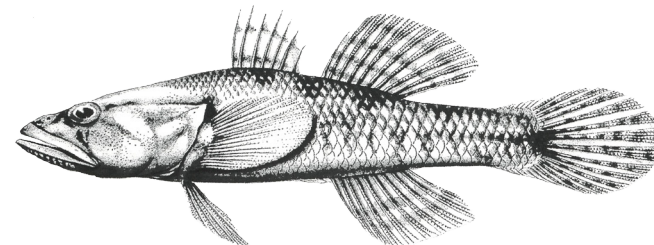
Crimson-spotted Rainbowfish max. 9cm



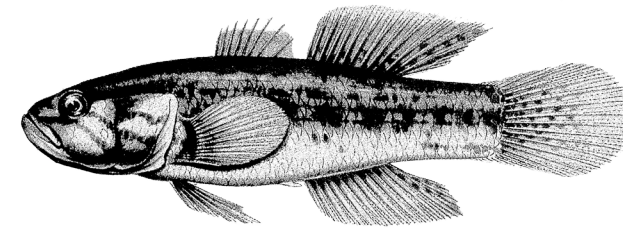
Swan River Goby 3-5cm, max. 8cm



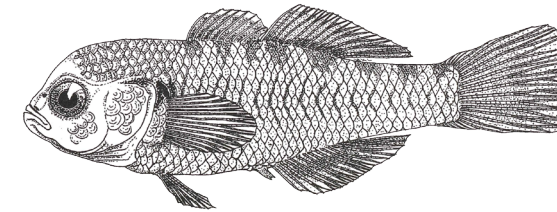
Freshwater Catfish max. 90cm



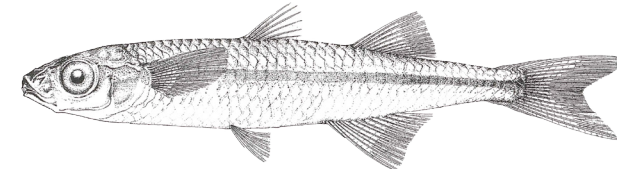
Flathead Gudgeon 5-6cm, max. 12cm



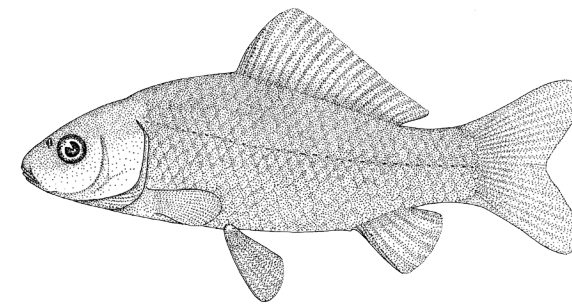
Purple-spotted Gudgeon 5-8cm, max. 12cm



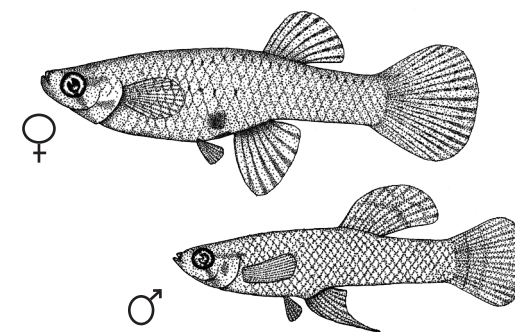
Midgley's Carp Gudgeon max. 6cm



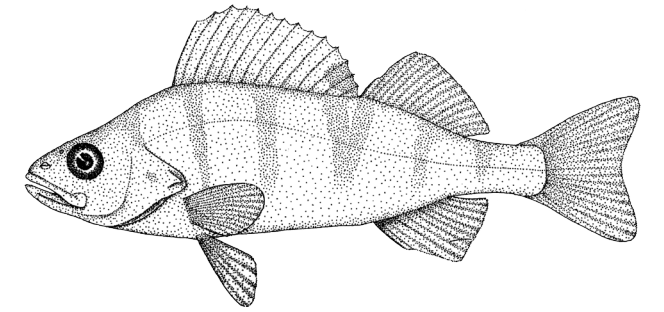
Small-mouthed Hardyhead 4-5cm, max. 8cm



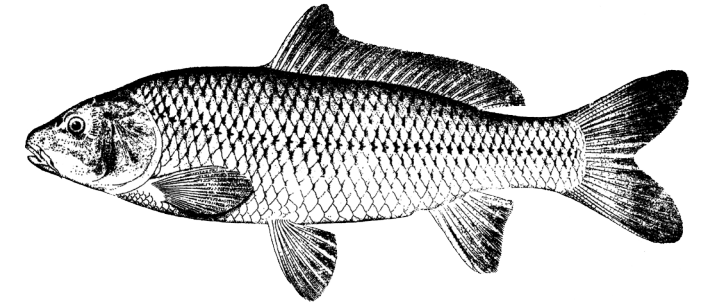
Goldfish\* 10-20cm, max. 40cm



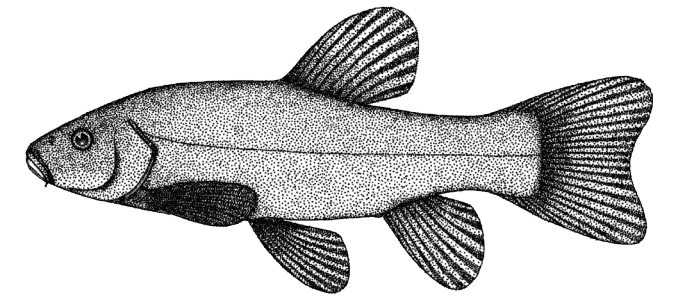
Gambusia\* Female max. 6cm, Male max. 3.5cm



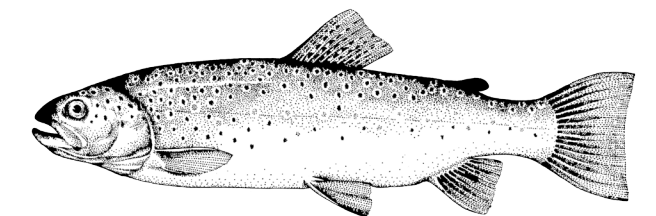
Redfin Perch\* max. 45cm



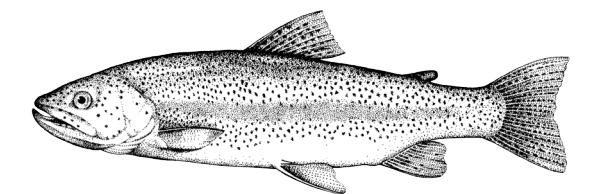
Carp\* max. 120cm



Tench\* 30-40cm, max. 70cm



Brown Trout\* max. 90cm



Rainbow Trout\* 30-40cm, max. 80cm

\*non-native