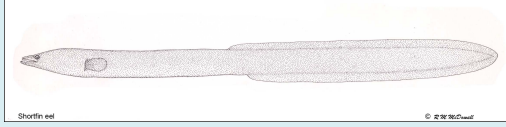
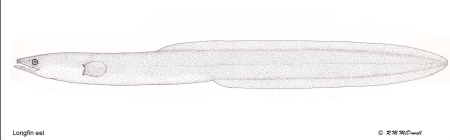
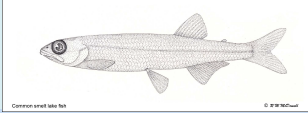
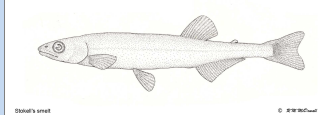


TAXONOMIC KEY FOR IDENTIFICATION OF EEL SPECIES IN NEW ZEALAND

No	Characteristic	Species	Line drawings (copywrite R.M. McDowall)
1	Dorsal fin origin only slightly in front of anal fin origin; vomerine teeth reach back to two thirds of jaw teeth; cleft of mouth just reaches eye. Dorsal fin origin is well in front of anal fin origin; vomerine teeth reaching back to end of jaw teeth; cleft of mouth extends well past eye.	Shortfin eel (<i>Anguilla australis</i>)	
2	No spots or mottling on back or dorsal fin Spots present on back and/or dorsal fin	Longfin eel (<i>Anguilla dieffenbachii</i>) Spotted eel (<i>Anguilla reinhardtii</i>)	


TAXONOMIC KEY FOR IDENTIFICATION OF SMELT SPECIES IN NEW ZEALAND

No	Characteristic	Species	Line drawings (copywrite R.M. McDowall)
1	Scales large, 60 along side; pre-maxilla short extending half distance along maxilla; maxilla often toothed	Common smelt (<i>Retropinna retropinna</i>)	
2	Scales small, 100 along sides; pre-maxilla long extending three quarters of the distance along the maxilla, maxilla not toothed.	Stockell's smelt (<i>Stokellia anisodon</i>)	

TAXONOMIC KEY FOR IDENTIFICATION OF MULLET SPECIES IN NEW ZEALAND

No	Characteristic	Species	Line drawings (copywrite R.M. McDowall)
1	Eye lacks an adipose eyelid; 60-67 scales along sides; toothed tongue	Yelloweye mullet (<i>Aldrichetta fosteri</i>)	
2	Eye has an adipose eyelid; 38-43 scales along sides; no teeth on tongue	Grey mullet (<i>Mugil cephalus</i>)	

TAXONOMIC KEY FOR IDENTIFICATION OF FLOUNDER SPECIES IN NEW ZEALAND

No	Characteristic	Species	Line drawings (copywrite R.M. McDowall)
1	Colour of back (side with eyes) is olive-green with many brick red spots; 24-29 gill rakers; 63-75 scales along lateral line	Black flounder (<i>Rhombosolea retiara</i>)	
2	Colour of back (side with eyes) is greenish grey with no red spots; 13-17 gill rakers; 75-86 scales along lateral line	Yellow bellied flounder (<i>Rhombosolea leporina</i>)	