

Appendix 1: List of fish species from the FFDB (7th September 2009), those highlighted in grey are discussed within the evidence.

Common name	Scientific name	Threat status (Hitchmough et al. 2007)	Draft threat status
Waitaki Lowland longjaw galaxias	<i>Galaxias aff. cobitinis</i> (Waitaki)	1 - Nationally critical	1 - Nationally critical
Canterbury mudfish*	<i>Neochanna burrowsius</i>	2 - Nationally endangered	2 - Nationally endangered
Bignose galaxias	<i>Galaxias macronasus</i>	5 - Gradual decline	2 - Nationally vulnerable
Upland longjaw galaxias (Waitaki)	<i>Galaxias aff. prognathus</i> (Waitaki)	5 - Gradual decline	2 - Nationally vulnerable
Longfin eel	<i>Anguilla dieffenbachii</i>	5 - Gradual decline	4 - Declining
Torrent fish	<i>Cheimarrichthys fosteri</i>	Not threatened	4 - Declining
Kōaro	<i>Galaxias brevipinnis</i>	Not threatened	4 - Declining
Inanga	<i>Galaxias maculatus</i>	Not threatened	4 - Declining
Lamprey	<i>Geotria australis</i>	6 - Sparse	4 - Declining
Bluegill bully	<i>Gobiomorphus hubbsi</i>	Not threatened	4 - Declining
Redfin bully	<i>Gobiomorphus huttoni</i>	Not threatened	4 - Declining
Stokels smelt	<i>Stokellia anisodon</i>	7 - Range restricted	5 - Naturally uncommon
Rainbow trout	<i>Oncorhynchus mykiss</i>	Sports fish	Introduced and naturalised
Sockeye salmon	<i>Oncorhynchus nerka</i>	Sports fish	Introduced and naturalised
	<i>Oncorhynchus tshawytscha</i>	Sports fish	Introduced and naturalised
Chinook Salmon			
Common smelt	<i>Retropinna retropinna</i>	Not threatened	Introduced and naturalised
Brown trout	<i>Salmo trutta</i>	Sports fish	Introduced and naturalised
Yelloweye mullet	<i>Aldrichetta fosteri</i>	Not threatened	Not threatened
Shortfin eel	<i>Anguilla australis</i>	Not threatened	Not threatened
Alpine galaxias	<i>Galaxias paucispondylus</i>	Not threatened	Not threatened
Canterbury galaxias	<i>Galaxias vulgaris</i>	Not threatened	Not threatened
Upland bully	<i>Gobiomorphus breviceps</i>	Not threatened	Not threatened
Common bully	<i>Gobiomorphus cotidianus</i>	Not threatened	Not threatened
Black flounder	<i>Rhombosolea retiaria</i>	Not threatened	Not threatened

Appendix 2: Overview of threatened native fish values, proposed irrigation areas, intakes, and discharges. Galcob = (*Galaxias aff. cobitinis* Waitaki), Angdie = Longfin eel (*Anguilla dieffenbachii*), Galmar = Bignose galaxias (*Galaxias macronasus*), (Galpro = Upland longjaw galaxias (*Galaxias aff. prognathus* (Waitaki)).

