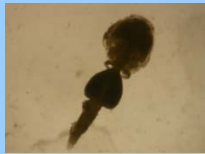




Generalist parasitic crustaceans infecting Australian salmon species (*Arripis georgianus*, *A. trutta* & *A. truttaceus*)



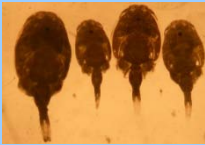
Name: *Argulus diversicolor*, a branchiurid or 'fish-lyouse'
Microhabitat: Live on the body surface
Appearance: Darkly coloured and hard-bodied, move quickly on the body surface of fish
Pathology: *Argulus* spp. feed on blood & external tissue, may enhance severity of bacterial infections
Curiosity: *Argulus* spp. infect fish distributed on and around all continents, except Antarctica
Generalist: This is the second record of *A. diversicolor* (previous record from a Sparid)



Name: *Caligus pelamydis*, a copepod crustacean commonly called 'sea-lyouse'
Microhabitat: Live on the surface of the fish including the skin and gills
Appearance: Females with elongate paired eggs strings
Pathology: Mass mortalities of cultured sea perch *Lateolabrax japonicus* in South Korea
Curiosity: This is the first time this species has been recorded in Australian waters
Generalist: Reported previously from eight fish species in five families



Name: *Caligus bonito*, a copepod crustacean commonly called 'sea-lyouse'
Microhabitat: Gills
Appearance: Females with elongate paired eggs strings
Pathology: No recorded pathology associated with *C. bonito* species in the literature
Curiosity: Primarily infects scombrids (10 species)
Generalist: Reported previously from 17 fish species representing 7 fish families



Name: *Caligus longipedis*, a copepod crustacean commonly called 'sea-lyouse'
Microhabitat: Gills
Appearance: Females with elongate paired eggs strings
Pathology: Can cause bruising to the body of farmed striped jack *Pseudocaranx dentex* in Japan
Curiosity: Suspected to be a vector for the transmission of the bacterium *Lactococcus garvieae*
Generalist: Reported previously from 18 fish species representing 10 fish families



Name: *Caligus punctatus*, a copepod crustacean commonly called 'sea-lyouse'
Microhabitat: Live on the surface of the fish
Appearance: Females with elongate paired eggs strings
Pathology: Mass mortality of numerous cultured fishes in Taiwan
Curiosity: Excellent ability to survive in the plankton
Generalist: Reported previously from 21 fish species in 14 families

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A research initiative supported by:

 The University of Adelaide
 James Cook University
 Australian Biological Resources Study
 Fisheries Research and Development
 Corporation

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 Prepared by Kate S. Hutson June 2010