

Table 1. Fish and freshwater crustaceans (crayfish and shrimp) observed at the Churchill Road site (site code: HD28DENM2, site reference: 6031575) on the Denmark River

	Scientific name	Common name	Previously reported ¹ in the subcatchment	Observed at site
				March 2020 Bunuru ² (hottest part of the year)
FISH	<i>Bostockia porosa</i>	nightfish	Y	Y
	<i>Galaxias occidentalis</i>	western minnow	Y	Y
	<i>Nannoperca vittata</i>	western pygmy perch	Y	Y
	<i>Nannatherina balstoni</i>	Balston's pygmy perch ³	Y	-
	<i>Gambusia holbrooki</i>	eastern gambusia	Y	Y
	<i>Phalloceros caudimaculatus</i>	one-spot livebearer	Y	-
CRUSTACEANS	<i>Cherax cainii</i>	smooth marron	Y	Y
	<i>Cherax species novel</i>	(new crayfish species) ⁴	-	Y (first record)
	<i>Cherax quinquecarinatus</i>	gilgie	Y	Y
	<i>Cherax preissii</i>	koonac	Y	Y
	<i>Palaemon australis</i>	south-west glass shrimp	Y	Y

Colour key for species:

Native: Freshwater	Non-Native: (Exotic, Invasive, or Introduced)
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For images and more information, see <https://rivers.dwer.wa.gov.au/southwest/fauna/>

¹ Based on all available data reported to Department of Primary Industries and Regional Development as a requirement of species collection exemptions (see <http://freshwater.fish.wa.gov.au/>), prior to most recent assessment. Y = yes (recorded).

² One of the six seasons of the Aboriginal (Noongar) Calendar for South West Australia (for more information see <http://www.bom.gov.au/iwk/calendars/nyoongar.shtml>).

³ Balston's pygmy perch is listed as **vulnerable** under the *Biodiversity Conservation Act 2016* (state, Western Australia) and the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth). It is listed as **endangered** under the *ICUN Redlist* of Threatened Species 2019 (International).

⁴ A new crayfish species was discovered in a genetic survey of crayfish in the South West by the Department of Water and Environmental Regulation (River Science team) and Edith Cowan University (School of Science) and is yet to be described. This species is similar in appearance to the restricted gilgie (*Cherax crassimanus*).

