

Table 1. Fish and freshwater crustaceans (crayfish, shrimp) observed at the Marbelup Brook West site (site code: MB64MARB1, site reference: 6031572) on the Marbelup Brook.

	Scientific name	Common name	Previously reported ¹ in the subcatchment	Observed at site
				Mar 2020 Bunuru ² (hottest part of the year)
FISH	<i>Bostockia porosa</i>	nightfish		Y (first record)
	<i>Galaxias occidentalis</i>	western minnow		Y (first record)
	<i>Nannoperca vittata</i>	western pygmy perch		Y (first record)
	<i>Geotria australis</i>	pouched lamprey ³	*	-
CRUSTACEANS	<i>Cherax cainii</i>	smooth marron		Y (first record)
	<i>Cherax species novel</i>	(new crayfish species) ⁴		Y (first record)
	<i>Palaemon australis</i>	south-west glass shrimp		Y (first record)

Colour key for species:

Native: Freshwater	Native: Anadromous (marine-fresh)
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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 Pouched lamprey (*Geotria australis*), is listed by the Department of Biodiversity Conservation and Attractions as Priority 3, poorly known species.

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) in 2019-2020 and is yet to be described. This species is similar in appearance to the restricted gilgie (*Cherax crassimanus*).

* Pouched lamprey (*Geotria australis*) has been reported elsewhere in this river system and could occur at this location. This species migrates from the ocean to nursery habitats in some headwater streams.