

Table 1. Fish and freshwater crustaceans (crayfish and shrimp) observed at the Upper Vasse site (site code: VR94VASS1, site reference: 6104084 on the Vasse River).

	Scientific name	Common name	Previously reported <sup>1</sup> in the subcatchment	Observed at site	
				Spring – Kamarang <sup>2</sup> October 2017	Summer – Bunuru <sup>2</sup> March 2022
FISH	<i>Bostockia porosa</i>	nightfish	Y	Y (first record)	Y
	<i>Galaxias occidentalis</i>	western minnow	Y	Y (first record)	Y
	<i>Galaxiella munda</i>	western mud minnow <sup>3</sup>	Y	-	-
	<i>Lepidogalaxias salamandroides</i>	salamanderfish <sup>4</sup>	Y	-	-
	<i>Nannoperca vittata</i>	western pygmy perch	Y	Y (first record)	Y
CRUSTACEANS	<i>Cherax cainii</i>	smooth marron	Y	Y (first record)	Y
	<i>Cherax quinquecarinatus</i>	gilgie	Y	Y (first record)	Y
	<i>Cherax destructor</i>	yabby	Y	Y (first record)	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/>

<sup>1</sup> 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),

Y (F) = first time reported in the subcatchment, and a dash (-) indicates species was not recorded.

<sup>2</sup> One of the six seasons of the Aboriginal (Noongar) Calendar for South West Australia (for more information see [Nyoongar calendar - Indigenous Weather Knowledge - Bureau of Meteorology \(bom.gov.au\)](http://www.bom.gov.au/indigenous-weather-knowledge/)).

<sup>3</sup> Western mud minnow (*Galaxiella munda*) is listed as **vulnerable** under the *Biodiversity Conservation Act 2016* (state, Western Australia), *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth), and **endangered** under the *IUCN Redlist* of threatened species 2019 (international).

<sup>4</sup> Salamanderfish (*Lepidogalaxias salamandroides*) is **endangered** under the *Biodiversity Conservation Act 2016* (state, Western Australia) and under the 2019 *IUCN Redlist* of threatened species (international).