

Table 1. Fish and freshwater crustaceans (crayfish, shrimp) observed at the Plain Road Downstream site (site code: DR15WALP1, site reference: 6064006) on the Walpole River.

	Scientific name	Common name	Previously reported in the subcatchment <sup>1</sup>	Observed at site
				Dry season – Bunuru <sup>3</sup> March 2020
FISH	<i>Bostockia porosa</i>	nightfish	Y	Y <sup>9</sup>
	<i>Galaxias maculatus</i>	common jollytail	Y (directly below weir) <sup>2</sup>	Y
	<i>Galaxiella munda</i>	western mud minnow <sup>4</sup>	Y	Y <sup>9</sup>
	<i>Nannatherina balstoni</i>	Balston's pygmy perch <sup>5</sup>	-	Y (first record) <sup>9</sup>
	<i>Nannoperca pygmaea</i>	little pygmy perch <sup>6</sup>	-	Y (first record)
	<i>Nannoperca vittata</i>	western pygmy perch	Y	Y
	<i>Lepidogalaxias salamandroides</i>	salamanderfish <sup>7</sup>	Y (directly below weir) <sup>2</sup>	-
	<i>Acanthopagrus butcheri</i>	southern black bream	-	Y (first record)
	<i>Afurcagobius suppositus</i>	south-western goby	-	Y (first record)
	<i>Leptatherina wallacei</i>	western hardyhead	-	Y (first record)
	<i>Mugil cephalus</i>	sea mullet	-	Y (first record)
	<i>Pseudogobius olorum</i>	blue-spot goby	Y (directly below weir) <sup>2</sup>	Y
	<i>Geotria australis</i>	pouched lamprey <sup>8</sup>	Y (directly below weir) <sup>2</sup>	-
	<i>Gambusia holbrooki</i>	eastern gambusia	Y (directly below weir) <sup>2</sup>	-
CRUSTACEANS	<i>Cherax cainii</i>	smooth marron	-	Y (first record) <sup>9</sup>
	<i>Palaemon australis</i>	south-west glass shrimp	-	Y (first record)

Colour key for species:

Native: Freshwater	Native: Estuarine-Freshwater	Native: Anadromous (Marine-Fresh)	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 the 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). Note the subcatchment boundary is slightly downstream of the Walpole Weir, for the purpose of identifying key species migrating through this area the Weir has been used as the distinguishing feature between the upstream subcatchment.

<sup>2</sup> Fish sampling previously conducted by Beatty and Morgan (2003) in subcatchment using electrofishing techniques. Data not included in the Department of Water and Environmental Regulation and Department of Primary Industries and Regional Development 2018 fish database.

<sup>3</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>4</sup> Western mud minnow (*Galaxiella munda*) is vulnerable under the *Biodiversity Conservation Act 2016* (state, Western Australia) and recently listed as endangered on the 2019 IUCN Redlist of threatened species (international).

<sup>5</sup> Balston's pygmy perch (*Nannatherina balstoni*) is vulnerable under the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth) and the *Biodiversity Act 2016* (state, Western Australia) and endangered under the 2019 IUCN Redlist of threatened species (international).

<sup>6</sup> Little pygmy perch (*Nannoperca pygmaea*) is endangered under the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth), *Biodiversity Conservation Act 2016* (state, Western Australia) and the 2019 IUCN Redlist of threatened species (international).

<sup>7</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).

<sup>8</sup> Pouched lamprey (*Geotria australis*) is listed by the Department of Biodiversity Conservation and Attractions as Priority 3, poorly known species.

<sup>9</sup> Fish species observed during March 2020 assessment directly below and about 200 m downstream of the Walpole Weir.