

Wildlife Conservation (Specially Protected Fauna) Notice 2018

Summary of additions, deletions and changes to the notice as of 11 September 2018

Changes to the numbers of listed fauna

The total number of threatened fauna species has remained the same at 249 species.

The total number of migratory birds protected under an international agreement has decreased by 1 species to 96 species.

There is no change in the number of fauna species presumed to be extinct.

There is no change to the lists of conservation dependent fauna or other specially protected fauna.

Details of the changes are:

- 2 additions to the list of presumed extinct fauna (resulting from a taxonomic revision of a species);
- 2 deletions from the list of presumed extinct fauna (one rediscovered species transferred to the threatened list, and re-identification of museum specimens as an extant species already on the threatened list);
- 7 threatened fauna moved to a higher category of threat (all to align with the national status);
- 1 change to listing criteria only;
- 1 addition to the list of migratory birds;
- 9 nomenclature changes of specially protected fauna (including two subspecies being combined into species level listing).

ADDITIONS	Species Name	Prior Status	Status and IUCN criteria 11 Sept 2018	Region / District
Presumed extinct fauna	<i>Perameles myosuroides</i> (Marl)	None	Presumed extinct	Former range: south western WA, including Nullarbor
	<i>Perameles papillon</i> (Nullarbor barred bandicoot)	None	Presumed extinct	Former range: Nullarbor, south eastern WA and south western SA.

ADDITIONS	Species Name	Prior Status	Status and IUCN criteria 11 Sept 2018	Region / District
Migratory birds	<i>Phoebastria palpebrata</i> (Light-mantled albatross)	Priority 4	Migratory	South western and southern coastal areas

DELETIONS	Species Name	Prior Status	Status 11 Sept 2018	Region / District
Presumed extinct fauna	<i>Pseudomys gouldii</i> (Gould's mouse)	Presumed extinct	None	Former range considered to include south western WA but now reidentified as <i>P. fieldi</i>

CHANGES	Species Name	Prior Status	Status and IUCN criteria 11 Sept 2018	Region / District
Changes to Category and Criteria	<i>Calidris canutus piersmai</i> (red knot (north-eastern Siberia)) and <i>Calidris canutus rogersi</i> (red knot (New Siberian Islands))	Vulnerable A3c+4bc	Endangered A2a <u>as:</u> <i>Calidris canutus</i> (red knot)	Coastal areas and inland water bodies
	<i>Calidris ferruginea</i> (curlew sandpiper)	Vulnerable A2bc+3c+4bc	Critically Endangered A2a	Coastal areas and inland water bodies
	<i>Calidris tenuirostris</i> (great knot)	Vulnerable A3c+4bc	Critically Endangered A2a	Coastal areas
	<i>Dasyornis longirostris</i> (Western bristlebird)	Vulnerable C2a(i)	Endangered A2ace; B2ab(iii,v); C1+2a(i)	South Coast Region (Albany District)
	<i>Hesperocolletes douglasi</i> (Douglas's broad-headed bee)	Presumed extinct	Critically Endangered D	Swan Region (Swan Coastal District)
	<i>Limosa lapponica menzbieri</i> (bar-tailed godwit (Northern Siberian))	Vulnerable A3c+4bc	Critically Endangered A2a	Coastal areas
	<i>Numenius madagascariensis</i> (eastern curlew)	Vulnerable A2bc+3c+4bc	Critically Endangered A2a	Coastal areas

CHANGES	Species Name	Prior Status	Status and IUCN criteria 11 Sept 2018	Region / District
Changes to Criteria only	<i>Galaxias truttaceus hesperius</i> (western trout minnow)	Endangered C2	Endangered B1ab(i,ii,iii,iv,v)+2ab(i,ii,iii,iv,v) <u>as:</u> <i>Galaxias truttaceus</i> (Western Australian population) (western trout minnow, western spotted galaxias)	South Coast Region (Albany District) and Warren Region (Frankland District)

NOMENCLATURE CHANGES			
Previous name	Current name	Notes	Region / District
<i>Calidris canutus piersmai</i> (red knot (north-eastern Siberia)) and <i>Calidris canutus rogersi</i> (red knot (New Siberian Islands))	<i>Calidris canutus</i> (red knot)	Update to species level listing as per the EPBC Act.	Coastal areas and inland water bodies
<i>Charadrius leschenaultii leschenaultii</i> (greater sand plover (Mongolian))	<i>Charadrius leschenaultii</i> (greater sand plover, large sand plover)	Update to species level listing as per the EPBC Act.	Coastal areas
<i>Galaxias truttaceus hesperius</i> (western trout minnow)	<i>Galaxias truttaceus</i> (Western Australian population) (western spotted galaxias, western trout minnow)	Taxonomic review concluded that the WA subpopulation does not represent a subspecies, but does have genetic divergence and conservation significance to be recognised as a named population. See section above for proposed changes to criteria of threatened species. Morgan, D., Beatty, S., Close, P., Allen, M., Unmack, P., Hammer, M. and Adams, M. (2016). Resolving the taxonomy, range and ecology of biogeographically isolated and critically endangered populations of an Australian freshwater galaxiid <i>Galaxias truttaceus</i> . <i>Pacific Conservation Biology</i> 22(4): 350-359.	South Coast Region (Albany District) and Warren Region (Frankland District)
<i>Idiosoma</i> sp. 'MYG262' (ornate shield-backed trapdoor spider)	<i>Idiosoma formosum</i> (ornate shield-backed trapdoor spider)	Species formally described and named. Rix MG, Huey JA, Cooper SJB, Austin AD, Harvey MS (2018) Conservation systematics of the shield-backed trapdoor spiders of the <i>nigrum</i> -group (Mygalomorphae, Idiopidae, <i>Idiosoma</i>): integrative taxonomy reveals a diverse and threatened fauna from south-western Australia. <i>ZooKeys</i> 756: 1–121. https://doi.org/10.3897/zookeys.756.24397	Midwest Region and Wheatbelt Region
<i>Idiosoma</i> sp. 'MYG521' (Lake Goorly shield-backed trapdoor spider)	<i>Idiosoma kopejtkaorum</i> (Lake Goorly shield-backed trapdoor spider)	Species formally described and named. Rix MG, Huey JA, Cooper SJB, Austin AD, Harvey MS (2018) Conservation systematics of the shield-backed trapdoor spiders of the <i>nigrum</i> -group (Mygalomorphae, Idiopidae, <i>Idiosoma</i>): integrative taxonomy reveals a diverse and threatened fauna from south-western Australia. <i>ZooKeys</i> 756: 1–121. https://doi.org/10.3897/zookeys.756.24397	Midwest Region and Wheatbelt Region
<i>Mouldingia orientalis</i> (a camaenid land snail)	<i>Nanotrachia orientalis</i> (a camaenid land snail)	Genus name changed. Kohler, F. & Criscione, F. (2013). Small snails in a big place: a radiation in the semi-arid rangelands in northern Australia	Kimberley Region (East Kimberley District)

		(Eupulmonata, Camaenidae, <i>Nanotrachia</i> gen. nov.). <i>Zoological Journal of the Linnean Society</i> , 169: 103–123.	
<i>Perameles bougainville bougainville</i> (western barred bandicoot, marl)	<i>Perameles bougainville</i> (western barred bandicoot, little marl)	Taxonomic review resulted in no subspecies being recognised for <i>Perameles bougainville</i> . The extant population formerly recognised as the subspecies <i>bougainville</i> is now considered to be the species, and other presumed extinct subspecies are now different/separate species. Travouillon, K.J. & Phillips, M.J. (2018). Total evidence analysis of the phylogenetic relationships of bandicoots and bilbies (Marsupialia: Peramelemorphia): reassessment of two species and description of a new species. <i>Zootaxa</i> 4378(2): 224-256.	Midwest Region (Shark Bay District)
<i>Thalassarche cauta</i> (shy albatross)	<i>Thalassarche cauta cauta</i> (shy albatross)	Update to subspecies level listing as per the EPBC Act.	Coastal areas

Enquiries to TSSC@dbca.wa.gov.au