

Important information is contained in the 'red box' tips throughout this document.

Department of Planning and Environment

# Release Notes: March 2024

- Updates to TBDC/BAM-C data
- Updates to the SAI list




# **1. Updates to TBDC and BAM-C data**

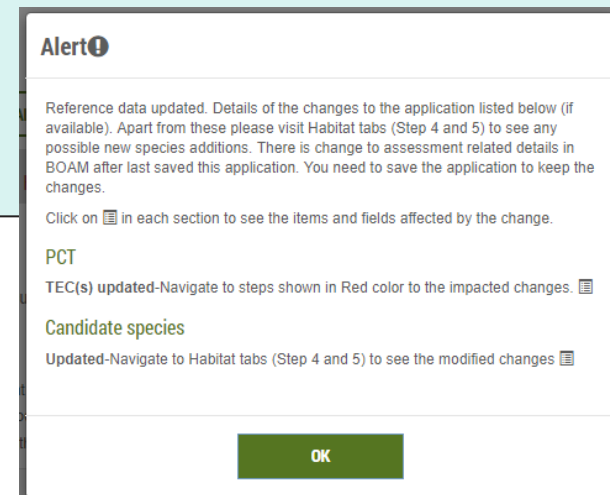
# Changes to BAM-C and TBDC data

## Forest owls changing to species credits:

Changes for 4 species of forest owls; masked owl (*Tyto novaehollandiae*), sooty owl (*Tyto tenebricosa*), powerful owl (*Ninox strenua*), and barking owl (*Ninox connivens*) are summarised below:

- change of the **credit class** from 'dual credit' to 'species credit',
- change to the '**Survey Comments**' field to change the **survey approach** to detect the presence of owls within suitable habitat, and
- change to the '**Survey Comments**' field to change **how credits are calculated** for the owls, by basing credit generation on vegetation zones containing appropriate hollow bearing trees (or for the sooty owl, containing hollows, caves or cliff lines/ledges) that are within 800 metres of the location of a detected owl.
- change to '**Months of Survey**' field (refer to next page).

 When opening BAM-C, take a screenshot of any alert identifying a data change. Alerts will not display once the case has been saved.



# Changes to BAM-C and TBDC data

## Forest owls changing to species credits (CONTINUED):

Changes for 4 species of forest owls; masked owl (*Tyto novaehollandiae*), sooty owl (*Tyto tenebricosa*), powerful owl (*Ninox strenua*), and barking owl (*Ninox connivens*) are summarised below:

Scientific Name	Common Name	Former Months of Survey	New Months of Survey
<i>Ninox connivens</i>	Barking owl	May – December	January – August
<i>Tyto novaehollandiae</i>	Masked owl	May – August	January – August
<i>Ninox strenua</i>	Powerful owl	May – August	January – August
<i>Tyto tenebricosa</i>	Sooty owl	April – August	January – August

# Changes to BAM-C and TBDC data

Species with a **change to biodiversity risk weighting (BRW)** include:

Scientific Name	Common Name	Former BRW	New BRW
<i>Leionema lamprophyllum</i> <i>subsp. fractum</i>	Leionema lamprophyllum subsp. fractum	2.0	3.0
<i>Nurus atlas</i>	Atlas Rainforest Ground-beetle	2.0	3.0

These changes are due to both species being listed as Critically Endangered by either the Commonwealth government (EPBC Act) or NSW TSSC (BC Act).



# Changes to BAM-C and TBDC data

## Assignment of 'Ecosystem' credit class to TECs:

9 Threatened Ecological Communities (TECs) previously missing a credit class allocation have been assigned an 'Ecosystem' credit class.

The 9 TECs newly assigned to 'Ecosystem' credit class are:

- Araluen Scarp Grassy Forest
- Ben Halls Gap Sphagnum Moss Cool Temperate Rainforest
- Brogo Vine Forest of the South East Corner Bioregion
- Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland
- Dunn's white gum (*Eucalyptus dunnii*) moist forest in north-east New South Wales and south-east Queensland
- Grey box-grey gum wet forest of subtropical eastern Australia
- Mallee Bird Community of the Murray Darling Depression Bioregion
- Mount Kaputar land snail and slug community
- Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions



# Changes to BAM-C and TBDC data

Species removed from the BAM-C include:

Scientific Name	Common Name	Former State Conservation status	New State Conservation Status
<i>Ancistrachne maidenii</i>	Ancistrachne maidenii	Vulnerable	Not Listed – 15/12/2023
<i>Chiloglottis platyptera</i>	Barrington Tops Ant Orchid	Vulnerable	Not Listed – 15/12/2023
<i>Eucalyptus approximans</i>	Barren Mountain Mallee	Vulnerable	Not Listed – 30/06/2023

- The above species were removed from the BAM-C as they are no longer listed as a threatened species. Final Determinations to remove these species from the threatened species list were published by the NSW TSSC on the dates described above.
- The **General Notes field on these species' TBDC profiles** has been edited to note this listing change.





# Changes to BAM-C and TBDC data

## Changes to PCTs available in the BAM-C:

As part of the C.20 Update to BioNet plant community types: PCT master list C.20 (2023), the below changes to PCTs have been imported into the BAM-C.

## 9 new approved PCTs have been added into the BAM-C:

- 3014 Liverpool Range Daphnandra Rainforest
- 4157 Hunter Escarpment Footslopes Singleton Mallee
- 4158 Hunter Escarpment Pokolbin Ironbark Woodland
- 4159 Nightcap Rhyolite Rocky Red Gum Woodland
- 4160 Mid North Conglomerate Blackbutt Shrub Forest
- 4161 Mid North Stringybark-Turpentine Shrub Forest
- 4163 Mount Gibraltar Melaleuca Heath
- 4162 Elderslie Banksia Scrub
- 4164 New England Peppermint Swamp Margin Woodland

## 4 decommissioned PCTs have been removed from the BAM-C:

- 774 Coast Banksia scrub on sand in the Elderslie area, Sydney Basin Bioregion
- 2247 Large-fruited Blackbutt shrubby open forest on conglomerates of the Broken Bago Range near Wauchope on the Mid North Coast, NSW North Coast Bioregion
- 2250 Blue-leaved Stringybark open forest on exposed sites in the Macleay-Hastings region, NSW North Coast Bioregion
- 3128 Mid North Littoral Rainforest





# Changes to BAM-C and TBDC data

## Changes to PCTs available in the BAM-C (continued):

As part of the C.20 Update to BioNet plant community types: PCT master list C.20 (2023), the below changes to PCTs have been imported into the BAM-C.

## The vegetation class and vegetation formation was changed for PCT 101:

- the vegetation class assignment was changed from Brigalow Clay Plain Woodlands to Floodplain Transition Woodlands, and accordingly
- the vegetation formation was changed from Semi-arid Woodlands (Grassy sub-formation) to Grassy Woodlands.

Plant community types (PCT) & ecological communities						
Formation *	Class *	Plant community type *	PCT % cleared	Associated TEC *	BC Act listing status	EPBC Act listing status
Semi-arid Woodlands (Grassy sub-formation)	Brigalow Clay Plain Woodlands	101 - Poplar Box - Yellow Box - Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion	75	Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions	Endangered Ecological Community	Not Listed
		Invalid PCT! Please update.				
Grassy Woodlands	Floodplain Transition Woodlands	101 - Poplar Box - Yellow Box - Western Grey Box grassy	75			

ADD ANOTHER PCT    SEARCH PCT OUTSIDE IBRA

Plant community types (PCT) & ecological communities						
Formation *	Class *	Plant community type *	PCT % cleared	Associated TEC *	BC Act listing status	EPBC Act listing status
Grassy Woodlands	Floodplain Transition Woodlands	101 - Poplar Box - Yellow Box - Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion	75	Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions		

Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions  
Poplar Box Grassy Woodland on Alluvial Plains  
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland Not a TEC



# Changes to BAM-C and TBDC data

Species with **revised habitat constraints** include:

- *Grevillea iaspicula* (Wee Jasper Grevillea): amendment to add 'areas within 30m of limestone rock outcrops' to the constraint
- *Polytelis swainsoni* (Superb Parrot): amendment to add 'Eucalyptus bridgesiana' as a suitable species for hollow-bearing tree use.



# Changes to BAM-C and TBDC data

EPBCA TECs listed since last BAM-C import have been imported to align the BioNet and BAM-C datasets. The TECs can be selected from the TEC drop downs on the vegetation assessment tab in BAM-C as shown below.

1

Plant community types (PCT) & ecological communities

Formation *	Class *	Plant community type *	PCT % cleared	Associated TEC *	BC Act listing status	EPBC Act listing status	Action	Delete
Wet Sclerophyll Forests (Grassy sub-formation)	Northern Hinterland Wet Sclerophyll Forests	3069 - Far North Hinterland Grey Box-Grey Gum Wet Forest	19	<input type="text" value="Not a TEC"/>			<input type="button" value="ADD VEG ZONE"/> <input type="button" value="Modify default benchmarks"/>	<input type="button" value="X"/>

2

ADD ANOTHER PCT    SEARCH PCT OUTSIDE IBRA

3069 - Far North Hinterland

- 3039 - Sydney Coastal Lilly Pilly-Palm Gallery Rainforest
- 3044 - Watchimbark Serpentine Lilly Pilly-Fig Rainforest
- 3051 - Mount Royal Range Cool Temperate Rainforest
- 3052 - Northern Escarpment Antarctic Beech Rainforest
- 3053 - Northern Escarpment Sassafras Rainforest
- 3055 - Carnham Dry Rainforest
- 3056 - Central Eastern Ranges Riparian Dry Rainforest
- 3057 - Chaelundi-Carrai Rocky Peaks Myrtle Scrub
- 3058 - Clarence Gorges Rocky Brush Box Wet Forest
- 3059 - Clarence Lowland Riparian Red Gum Wet Forest
- 3065 - Craven Grey Box Wet Forest
- 3069 - Far North Hinterland Grey Box-Grey Gum Wet Forest**
- 3070 - Far North Hinterland Kamala-Coogera Dry Rainforest

3

Wet Sclerophyll Forests (Grassy sub-formation)	Northern Hinterland Wet Sclerophyll Forests	3069 - Far North Hinterland Grey Box-Grey Gum Wet Forest	19	<input type="text" value="Grey box-grey gum wet forest of subtropical eastern Australia"/> <input type="text" value="Not a TEC"/>
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# Changes to BAM-C and TBDC data

Two EPBCA TECs have been unable to be imported to BAM-C these are;

- Robertson Rainforest in the Sydney Basin Bioregion
- Lowland Grassy Woodland in the South-East Corner Bioregion

BAM-C will display a “null” value in the TECs drop down for these TECs as shown in the screenshot below until this can be rectified. In the mean-time please contact [BOS.Helpdesk@environment.nsw.gov.au](mailto:BOS.Helpdesk@environment.nsw.gov.au) if you are assessing a case involving these TECs.

Plant community types (PCT) & ecological communities						
Formation *	Class *	Plant community type *	PCT % cleared	Associated TEC *	BC Act listing status	EPBC Act listing status
Rainforests	Subtropical Rainforests	3036 - South Coast Warm Temperate-Subtropical Rainforest	2	Robertson Rainforest in the Sydney Basin Bioregion	Endangered Ecological Community	Not Listed
Rainforests	Subtropical Rainforests	3036 - South Coast Warm Temperate-Subtropical Rainforest	2	<div style="border: 1px solid black; padding: 5px;"><div style="border-bottom: 1px solid black; padding-bottom: 2px;">▼</div><div style="padding: 2px;"><p>Lowland Rainforest in the NSW North Coast and Sydney Basin Bioregions</p><p>Robertson Rainforest in the Sydney Basin Bioregion</p><p>Illawarra-Shoalhaven Subtropical Rainforest of the Sydney Basin Bioregion</p><p><span style="border: 1px solid red; padding: 2px;">null</span></p><p>Not a TEC</p></div></div>		

ADD ANOTHER PCTSEARCH PCT OUTSIDE IBRA



# Changes to TBDC data only

The TBDC 'Survey Comments' field includes survey information for some species. These species do not have a published DPE survey guide.

Species with a **revised 'Survey Comments'** field include:

- *Swainsona murrayana* (Slender Darling Pea)
- *Keyacris scurra* (Key's Matchstick grasshopper)



# Changes to TBDC data – misaligned with BAM-C

Entities with **changed distribution across IBRA subregions** include:

- *Acacia ausfeldii* (Ausfeld's Wattle)
- *Amytornis striatus howei*
- *Amytornis striatus striatus*
- *Anomalopus mackayi* (Five-clawed Worm-skink)
- Araluen Scarp Grassy Forest
- Ben Halls Gap Sphagnum Moss Cool Temperate Rainforest
- Brogo Vine Forest of the South East Corner Bioregion
- Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland
- Dunns white gum (*Eucalyptus dunnii*) moist forest in north-east New South Wales and south-east Queensland
- *Eucalyptus magnificata* (Northern Blue Box)
- Grey box-grey gum wet forest of subtropical eastern Australia
- *Hemiaspis damelii* (Grey Snake)
- Mallee Bird Community of the Murray Darling Depression Bioregion



# Changes to TBDC data – misaligned with BAM-C

**(CONTINUED)** As above, entities with **changed distribution across IBRA subregions** include:

- Mount Kaputar land snail and slug community
- *Polytelis swainsonii* (Superb Parrot)
- *Pseudomys novaehollandiae* (New Holland Mouse)
- *Pterostylis oreophila* (Blue-tongued Greenhood)
- Sandhill Pine Woodland in the Riverina, Murray-Darling Depression and NSW South Western Slopes bioregions
- Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions
- *Thelymitra atronitida* (Black-hooded Sun Orchid)
- *Thesium australe* (Austral Toadflax)
- *Tympanocryptis lineata* (Canberra Grassland Earless Dragon)





# Changes to TBDC and BAM-C data

The next two slides outline BAM-C data changes made to **IBRA subregion associations** for threatened entities. These changes align the BAM-C with previously made updates to threatened entity data in BioNet Threatened Biodiversity Data Collection (TBDC). TBDC data changes made to IBRA subregion associations for entities are made throughout the year as more data becomes known.

## Entities with **changed distribution across IBRA subregions** include:

- *Acacia ausfeldii* (Ausfeld's Wattle)
- *Amytornis striatus howei*
- *Amytornis striatus striatus*
- *Anomalopus mackayi* (Five-clawed Worm-skink)
- Araluen Scarp Grassy Forest
- Ben Halls Gap Sphagnum Moss Cool Temperate Rainforest
- Brogo Vine Forest of the South East Corner Bioregion
- Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland
- DunnÆs white gum (*Eucalyptus dunnii*) moist forest in north-east New South Wales and south-east Queensland
- *Eucalyptus magnificata* (Northern Blue Box)

# Changes to TBDC and BAM-C data

**(CONTINUED)** As above, entities with **changed distribution across IBRA subregions** include:

- Grey box-grey gum wet forest of subtropical eastern Australia
- *Hemiaspis damelii* (Grey Snake)
- Mallee Bird Community of the Murray Darling Depression Bioregion
- Mount Kaputar land snail and slug community
- *Polytelis swainsonii* (Superb Parrot)
- *Pseudomys novaehollandiae* (New Holland Mouse)
- *Pterostylis oreophila* (Blue-tongued Greenhood)
- Sandhill Pine Woodland in the Riverina, Murray-Darling Depression and NSW South Western Slopes bioregions
- Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions
- *Thelymitra atronitida* (Black-hooded Sun Orchid)
- *Thesium australe* (Austral Toadflax)
- *Tympanocryptis lineata* (Canberra Grassland Earless Dragon)

## **3. Updates to SAll list**



# Update to list of entities at risk of SAI

The SAI list has been updated to:

- add *Leionema lamprophyllum subsp. fractum* under SAI Principle 2
- change the scientific name of 1 species to align with an NSW TSSC Final Determination published on 08/12/2024.

No changes to TECs have occurred.

## Species added to the SAI list

Scientific Name	SAI Principle
<i>Leionema lamprophyllum subsp. fractum</i>	2

## Species with scientific name changes

Prior name	Updated name
<i>Pittosporum sp. Coffs Harbour</i> (A.S.Benwell 342, NSW1102028)	<i>Pittosporum kororoense</i>



# Resources and Support

Assessor resources and contacts for support include:

- DPE webpages:
  - Revised Biodiversity Assessment Method (BAM);
  - Accredited assessors website:
    - Assessor resources (links to legislation, databases, manuals and guidelines, assessor correspondence);
    - Assessor frequently asked questions;
    - BOS Support webinars;
  - Serious and Irreversible Impacts (SII) guidance and list of entities at risk;
  - Threatened biodiversity profile search;
  - Saving our Species (SoS) program;
  - NSW Scientific Committee Determinations;
- EPBC profile database (species and ecological communities);
- PlantNet (NSW flora online);
- NSW government SEED database (publicly available environmental data);
- BOS Help Desk and support (the replacement for BAM Support mailbox).

👉 If you have any questions, feedback or issues, please contact us at [BOS.helpdesk@environment.nsw.gov.au](mailto:BOS.helpdesk@environment.nsw.gov.au)