

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

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Release Notes: October 2024

- Updates to BAM-C functionality
- Updates to TBDC/BAM-C data
- Updates to the SAll list

Department of Climate Change, Energy the Environment and Water





Department of Climate Change, Energy the Environment and Water acknowledges the traditional custodians of the land and pays respect to Elders past, present and future.

We recognise Australian Aboriginal and Torres Strait Islander peoples' unique cultural and spiritual relationships to place and their rich contribution to society.

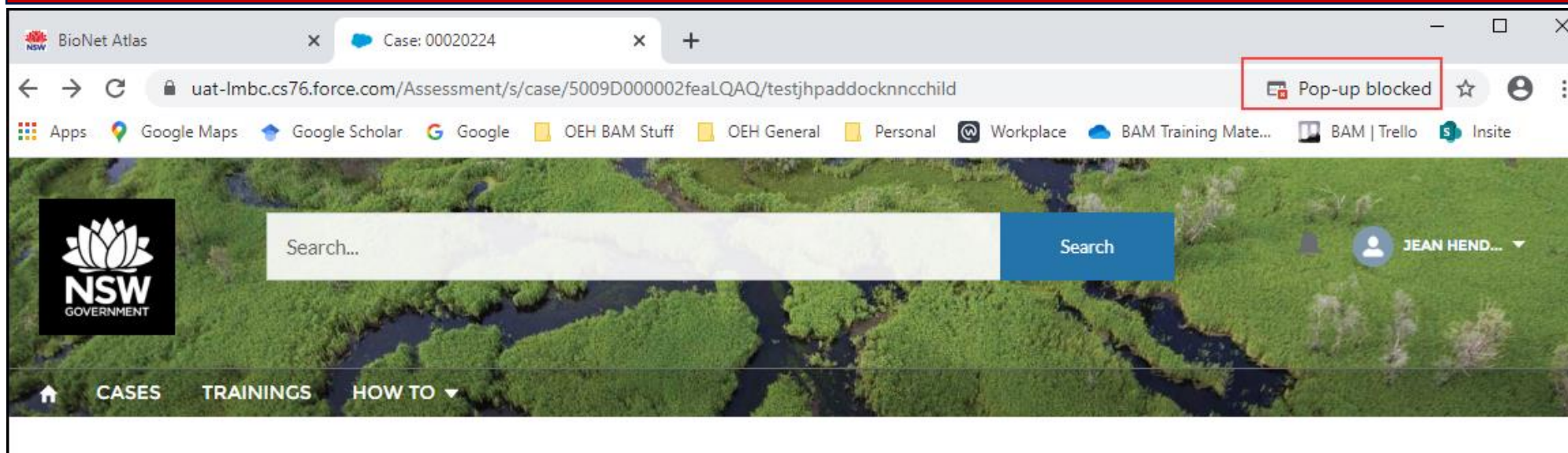
Artist and designer Nikita Ridgeway from Aboriginal design agency – Boss Lady Creative Designs, created the People and Community symbol.

1. Updates to BAM-C systems

Internet requirements before opening BAM-Calculator

👉 Notes:


- After the BAM-Calculator (BAM-C) system changes are published, clear the **internet browser cache** before opening the BAM-C. The BAM-C is unlikely to display correctly unless the cache has been cleared.
- Instructions on how to clear an internet cache are at www.digitaltrends.com/computing/how-to-clear-your-browser-cache/.
- After clearing the cache, you may need to enable BAM-C pop-ups again.




BAM-C 'Alert' when opening a case after the update

If an in-progress BAM-C case is opened for the first time after data in the case has been updated, you will receive an alert indicating that reference data has been updated.

The information in the message will indicate the data fields that have been updated.

Click on the icons at the end of each alert type for further information 


 Take a screenshot of any alert for future reference.
Alerts will not display once the case has been saved.

Alert

Reference data updated. Details of the changes to the application listed below (if available). Apart from these please visit Habitat tabs (Step 4 and 5) to see any possible new species additions.

Click on  in each section to see the items and fields affected by the change.

PCT

Delisted-PCT(s) not longer valid. Please visit 3.Vegetation tab and update the PCT(s). 

Candidate species

Updated-Navigate to Habitat tabs (Step 4 and 5) to see the modified changes 

Eco credit species

Updated-Navigate to Habitat suitability tab (step 4) to see the modified changes 

Eastern NSW PCTs Updated - Application of Eastern NSW PCTs are subject to transitional arrangements for in-progress assessments. For full details of the transitional arrangements, see the [BOS webpage](#)

Benchmarks Updated: Application of Version 1.2 benchmarks are subject to transitional arrangements for in-progress assessments. From 30 January 2023 to 30 June 2023 assessors may opt to manually modify benchmarks to apply the previous Version 1.1 benchmarks. For full details of the transitional arrangements, see the [BOS webpage](#)

OK

Changes to the BAM-C system

A summary of the BAM-C system modifications explained in detail in subsequent slides are:

- System improvements
- Enhancements to improve user experience:
 - Alerts and error messaging
 - Plant Community Type (PCT) codes
 - Partial loss
 - Data versioning
- Minor calculation reviews and modifications that align the BAM-C with the BAM

Some changes will impact credit yields for in-progress cases.

System Improvements

The system improvements include:

- Correctly separating each predicted and candidate habitat constraints so that one or more can be switched off
- Offset Trading Group names now displaying correctly
- Scattered trees:
 - When deleting a PCT group the correct group is deleted
 - Selecting PCTs outside the IBRA region is now available
- Print reports for small area assessments for current and legacy cases
- Deleting blank geographic limitations.

Species ⓘ	Habitat constraints	Geographic limitations
<i>Artamus cyanopterus cyanopterus</i> Dusky Woodswallow	--	--
<i>Circus assimilis</i> Spotted Harrier	--	<input checked="" type="checkbox"/>

Species ⓘ	Habitat constraints	Geographic limitations
<i>Chthonicola sagittata</i> Speckled Warbler	--	--
<i>Circus assimilis</i> Spotted Harrier	--	--



<i>Anomalopus mackayi</i> Five-clawed Worm-skink	101_good <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> Presence of cracking clay soils Fallen/standing dead timber including logs <input checked="" type="checkbox"/> Includes logs, decomposing logs, tree roots & leaf litter
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<i>Anomalopus mackayi</i> Five-clawed Worm-skink	101_Good <input checked="" type="checkbox"/> Other;Presence of cracking clay soils <input checked="" type="checkbox"/> Fallen/standing dead timber including logs;Includes logs, decomposing logs, tree roots & leaf litter
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Enhancement: Alerts and messages

There are now 3 types of messaging:

- Showstopper error (red banner) – e.g. missing vegetation zone data. The 'Next' button is greyed out until the error is addressed
- Warning message (orange banner) – e.g. missing location references. The 'Next' button can be clicked, but the warning will need to be addressed before finalising the case
- Information message – e.g. upcoming data imports.

Tab 3 Vegetation no longer displays multiple duplicate warnings when vegetation zones are blank.

This screenshot shows the old interface with multiple duplicate warning banners. The banners are orange and contain the text: "Warning: There are function plots without any data." and "Warning: There are structure plots without any data." and "Warning: There are composition plots without any data." The interface also shows a "PRINT" button and a table with columns: "Associated TEC *", "BC Act listing status", "EPBC Act listing status", "Action", and "Delete".

and Water



This screenshot shows the new interface with a consolidated message box. The message box contains three types of messages: an informative message, a warning message, and a showstopper error. The showstopper error message is highlighted in red and contains the text: "This is a showstopper error. Please fix this problem before proceeding to the next tab." The interface also shows a "PRINT" button and a table with columns: "Formation *", "Class *", "Plant community type *", and "PCT % cleared".

Formation *	Class *	Plant community type *	PCT % cleared
Freshwater Wetlands	Montane Bogs and Fens	3945 - Newnes Plateau Shrub Swamp	5

Enhancement: PCT code includes Ecological Community

Based on the PCTs and Threatened Ecological Communities (TECs) added to the case in Tab 3, the 'PCT code' for each vegetation zone now identifies whether a PCT is associated with a TEC or not. This helps remove confusion when multiple vegetation zones have been added for the same PCT.

Vegetation zones (Current vegetation integrity score)

Import	PCT code	Condition class *	Vegetation zone name	Pa
	101 - Inland (v)	Classname1	101_Classname1	1
	101 - Inland Grey Box Woodland in the Riverina, NSW South Western Slopes,			
	101 - Not a TEC			
	101 - Poplar Box Grassy Woodland on Alluvial Plains			

Enhancement: Partial loss

Where there is a partial loss of vegetation in a vegetation zone, but the vegetation remaining will no longer provide habitat for a species, the 'Complete Loss' tick-box should be ticked for that species.

Vegetation zones (Current vegetation integrity score)													
#	Import	PCT code	Condition class *	Vegetation zone name	Patch Size*	Area (ha)*	Location *	Composition condition score	Structure condition score	Function condition score	Current vegetation integrity score	Management zones	Delete
1		373 - N	Partial	373_Partial	101	4.73		68.3	26.7	44.4	43.3		

Vegetation zones (Future vegetation integrity score)												
#	PCT code	Condition class	Vegetation zone name	Patch Size	Management zone	Area (ha)	Composition condition score	Structure condition score	Function condition score	Vegetation integrity (VI) score	Change in VI score	Total VI loss
1	373 - Not a TEC	Partial	373_Partial	101		4.73	52.3	16.4	15	23.5	-19.8	-19.8

Species	Species presence	Survey timetable	Unit of Measure Area or Count	Veg Zone & Value	Biodiversity risk	Bio
<i>Dichanthium setosum</i> Bluegrass	Yes (surveyed)	<input type="checkbox"/> Jan <input checked="" type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec <input type="checkbox"/> Survey month outside the specified months?	Area (ha)	<input checked="" type="checkbox"/> 373_Partial + 4.73 <input type="checkbox"/> Complete Loss	High	2
<i>Petaurus norfolcensis</i> Squirrel Glider	Yes (surveyed)	<input type="checkbox"/> Jan <input checked="" type="checkbox"/> Feb <input type="checkbox"/> Mar <input type="checkbox"/> Apr <input type="checkbox"/> May <input type="checkbox"/> Jun <input type="checkbox"/> Jul <input type="checkbox"/> Aug <input type="checkbox"/> Sep <input type="checkbox"/> Oct <input type="checkbox"/> Nov <input type="checkbox"/> Dec <input type="checkbox"/> Survey month outside the specified months?	Area (ha)	<input checked="" type="checkbox"/> 373_Partial + 4.73 <input checked="" type="checkbox"/> Complete Loss	High	2

Species credits for threatened species

Vegetation zone name	Habitat condition (vegetation integrity) loss	Area / Count	Sensitivity to loss	Sensitivity to loss(Justification)	Sensitivity to gain	Sensitivity to gain(Justification)	Biodiversity risk weighting	Potential SAIL	Species credits
Dichanthium setosum / Bluegrass (Flora)									
373_Partial	19.8	4.7 hectares	Moderate Sensitivity to Loss	Biodiversity Conservation Act listing status	High Sensitivity to Gain	Effectiveness of management in controlling threats	2	False	47
									Subtotal: 47
Petaurus norfolcensis / Squirrel Glider (Fauna)									
373_Partial	43.3	4.7 hectares	Moderate Sensitivity to Loss	Biodiversity Conservation Act listing status	High Sensitivity to Gain	Species dependent on habitat attributes	2	False	102
									Subtotal: 102

When 'Complete Loss' is ticked, the credits are calculated by using the 'Current vegetation integrity score' rather than the 'Total VI loss' score

BAM-C reports: BAM Data version

👉 The data version will only update once the case is saved

The BAM-C reports will now include the BAM Data version:

- The data classification type (i.e. current or legacy)
- The data version number

Note, when opening an older case the BAM Data version displayed in the reports will show the version type and number at the time of the last save. The classification type will update to Legacy if 'Legacy Classification' (pre-Eastern NSW) is selected on Tab 2 and the case is saved. The version number will automatically update to the most recent number when saved.

NSW GOVERNMENT			BAM Candidate Species Report		
Proposal Details					
Assessment Id	Proposal Name	BAM data last updated *			
00028377/BAAS01234/21/00028378	test	10/06/2021			
Assessor Name	Report Created	BAM Data version *			
EABAM ASSESSOR	04/09/2024	Current classification (live - default) (45)			
Assessor Number	Assessment Type	BAM Case Status			
BAAS01234	Part 4 Developments (Small Area)	Open			
Assessment Revision	BOS entry trigger	Date Finalised			
0	BOS Threshold: Biodiversity Values Map	To be finalised			



NSW GOVERNMENT			BAM Candidate Species Report		
Proposal Details					
Assessment Id	Proposal Name	BAM data last updated *			
00028377/BAAS01234/21/00028378	test	14/03/2024			
Assessor Name	Report Created	BAM Data version *			
EABAM ASSESSOR	04/09/2024	Legacy Classification (pre-ENSW) (75)			
Assessor Number	Assessment Type	BAM Case Status			
BAAS01234	Part 4 Developments (Small Area)	Open			
Assessment Revision	BOS entry trigger	Date Finalised			
0	BOS Threshold: Biodiversity Values Map	To be finalised			

Data-related corrections to align the BAM-C with BAM

- **Adjustments and Improvements:** Modified various increase rates (logs, stems, regeneration, and supplementary planting), included large trees in calculations, and set conditions for Vegetation Integrity (VI) and High Threat Weed Cover (HTWC) thresholds.
- **Investigations and Cleanup:** Investigated credit calculations in vegetation zones without VI changes and removed redundant code related to litter cover increase rates.
- **Corrections and Fixes:** Addressed issues in sensitivity display, Hollow Bearing Trees and HTWC (current and future) confusion, security benefits for non-treed systems, and logic errors with Crown Land rules and operator usage. Addressed issues that were occurring for credit calculations at stewardship sites where gain with management was close to zero.

Invalid PCTs and PCTs without benchmarks

Invalid PCTs will now prevent a BAM-C case from progressing through the case. Examples of invalid PCTs include:

- Decommissioned PCTs
- PCTs that were replaced by Eastern NSW PCTs, and the assessment isn't accessing legacy PCT data
- PCTs with no Keith Class benchmark data for the IBRA region assessment area.

✘ This is a showstopper error. Please fix this problem before proceeding to the next tab.

- (1191 - Snow Gum - Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion) - Invalid PCT! Please update.

Plant community types (PCT) & ecological communities

Formation *	Class *	Plant community type *	PCT % cleared	Associated TE
Grassy Woodlands	Subalpine Woodlands	1191 - Snow Gum - Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion	95	Werriwa Tablelands Temperate Grasslands the South Eastern Highlands South Eastern Highlands

Invalid PCT! Please update.

Formation *	Class *	Plant community type *	PCT % cleared	Associated TE
Arid Shrublands (Acacia sub-formation)	Stony Desert Mulga Shrublands	120 - Mulga shrubland on stony rises in the arid and semi-arid climate zones, mainly in the Mulga Lands Bioregion	40	

No benchmarks found for this PCT in selected IBRA region. Select another PCT or use 'Search any PCT' button below to select PCTs outside selected IBRA.

[ADD ANOTHER PCT](#) [SEARCH PCT OUTSIDE IBRA](#)

Resolving Invalid PCT alert message

Sometimes when re-opening an in-progress case the BAM-C flags a PCT as invalid even though it is a valid PCT. If this occurs:

1. check reference data version (legacy versus current). If that doesn't work,
2. click back to Tab 2 and then re-click on Tab 3. If this doesn't work,
3. delete and re-add the PCT to the case, then reassign the Vegetation Zone to the newly added PCT.

Plant community types (PCT) & ecological communities			
Formation *	Class *	Plant community type *	P
Freshwater Wetlands	Inland Floodplain Swamps	53 - Shallow freshwater wetland sedgeland in depressions on floodplains on inland alluvial plains and floodplains Invalid PCT! Please update.	67

ADD ANOTHER PCT **SEARCH PCT OUTSIDE IBRA**

Plant community types (PCT) & ecological communities		
Formation *	Class *	Plant community type *
Freshwater Wetlands	Inland Floodplain Swamps	53 - Shallow freshwater wetland sedgeland in depressions on floodplains on inland alluvial plains and floodplains

ADD ANOTHER PCT **SEARCH PCT OUTSIDE IBRA**

2. Updates to TBDC and BAM-C data

Updates to Veg-C data

Minor updates have occurred to BioNet Vegetation Classification (Veg-C) database:

- The recent Commonwealth listing for *Kurri sand swamp woodland of the Sydney Basin bioregion* Endangered Ecological Community (EEC) is now available in BAM-C.
- The NSW listed *Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Penepplain, Nandewar and Brigalow Belt South Bioregions* TEC is now associated with PCT 267.

PCT ID	PCT Name
3630	Kurri Sand Heathy Woodland
3631	Kurri Sand-Clay Woodland


Above: PCT associations for *Kurri sand swamp woodland of the Sydney Basin bioregion* EEC

Right: PCT associations for *Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Penepplain, Nandewar and Brigalow Belt South Bioregions* TEC

PCT ID	PCT Name
76	Western Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions
80	Western Grey Box - White Cypress Pine tall woodland on loam soil on alluvial plains of NSW South Western Slopes Bioregion and Riverina Bioregion
81	Western Grey Box - cypress pine shrub grass shrub tall woodland in the Brigalow Belt South Bioregion
82	Western Grey Box - Poplar Box - White Cypress Pine tall woodland on red loams mainly of the eastern Cobar Penepplain Bioregion
101	Poplar Box - Yellow Box - Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion
110	Western Grey Box - Cypress Pine shrubby woodland on stony footslopes in the NSW South Western Slopes Bioregion and Riverina Bioregion
237	Riverine Western Grey Box grassy woodland of the semi-arid (warm) climate zone
248	Mixed box eucalypt woodland on low sandy-loam rises on alluvial plains in central western NSW
267	White Box - White Cypress Pine - Western Grey Box shrub/grass/forb woodland in the NSW South Western Slopes Bioregion
3405	Central West Flats Inland Grey Box Grassy Forest

Updates to TBDC data: New species

Several species now have ecological data available in the TBDC, including Credit class and Unit of Measure. These species are now available in the BAM-C.

 * Species will not automatically populate into BAM-C cases. Manually add these species to cases as a candidate or predicted species where relevant.

Scientific name	Scientific name
<i>Allocasuarina thalassoscopica</i>	<i>Litoria watsoni</i>
* <i>Antrophyum austroqueenslandicum</i>	* <i>Macrozamia cranei</i>
<i>Aphelocephala leucopsis</i>	<i>Macrozamia occidua</i>
<i>Asterolasia rupestris</i> subsp. <i>Recurve</i>	<i>Myuchelys purvisi</i>
<i>Bertya mollissima</i>	<i>Neophema chrysostoma</i>
<i>Boronia inflexa</i> subsp <i>torringtonensis</i>	<i>Philothea papillata</i>
<i>Caladenia amnicola</i>	<i>Pimelea bracteate</i>
<i>Caladenia atroclavia</i>	<i>Pycnoptilus floccosus</i>
<i>Danhatchia copelandii</i>	<i>Pittosporum kororoense</i>
<i>Fontainea</i> sp. <i>Coffs Harbour</i>	<i>Pomaderris gilmourii</i> var <i>gilmourii</i>
<i>Hemiaspis damelii</i>	* <i>Pultenaea</i> sp. <i>Werrikimbe NP</i>
<i>Homoranthus bruhlii</i>	<i>Rhodamnia maideniana</i>
<i>Homoranthus elusus</i>	* <i>Selaginella andrewsii</i>
<i>Homoranthus floydii</i>	<i>Veronica lithophila</i>
<i>Leionema westonii</i>	

Species removed from the BAM-C

Species removed from the BAM-C include:

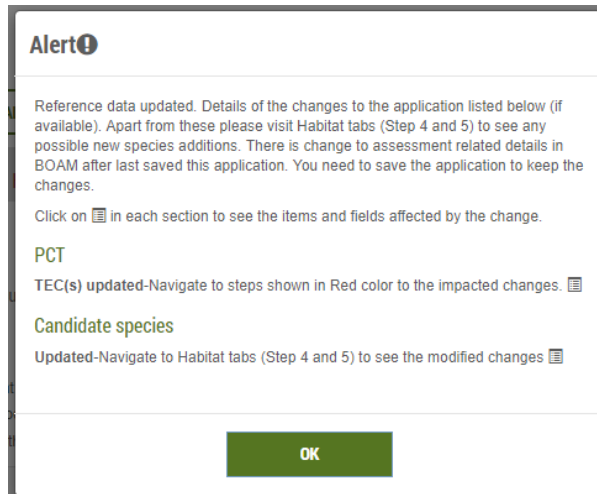
Scientific Name	Common Name	Former State Conservation status	New State Conservation Status
Eucalyptus sp. Howes Swamp Creek	Eucalyptus sp. Howes Swamp Creek	Endangered	Not Listed – 09/08/2024


- The above species was removed from the BAM-C as it is no longer listed as a threatened species. A final determination to remove this species from the threatened species list was published by the NSW TSSC on 9 August 2024.
- The **General Notes field on the species' TBDC profile** has been edited to note this listing change.

Updates to species habitat constraints

Species with **revised habitat constraints** include:

- *Setirostris eleryi* (Bristle-faced Freetail Bat) - amending existing constraint to include a definition of 'watercourse'
- *Aprasia parapulchella* (Pink-tailed Legless Lizard) - removing habitat constraint
- *Tympanocryptis mcartneyi* (Bathurst grassland earless dragon) - removing habitat constraint
- *Acacia Ausfeldii* (Ausfeld's Wattle) - removing habitat constraint



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

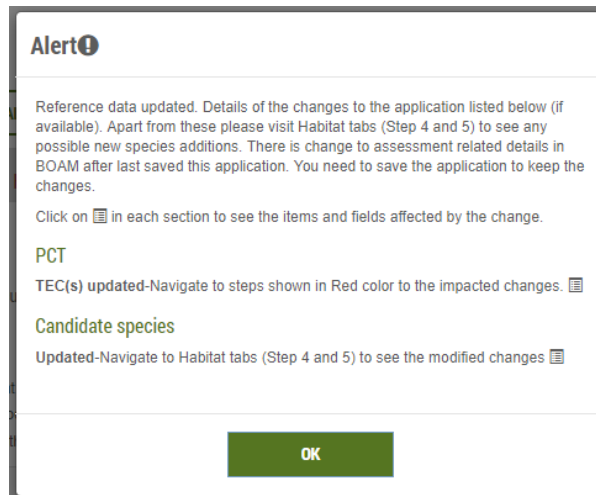
Updates to species Paddock/Scattered Tree Use

Species with **changed Paddock/Scattered Tree Use** include:

- *Meridolum corneovirens* (Cumberland Plain Land Snail) – changing from No to Yes

Species with **changed Paddock/Scattered Tree Comments** include:

- *Keyacris scurra* (Key's Matchstick Grasshopper) – moving information to another field
- *Meridolum corneovirens* (Cumberland Plain Land Snail) – adding information
- *Meridolum maryae* (Maroubra Woodland Snail) – adding information



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

Updates to species-IBRA Subregion associations

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

- *Allocasuarina thalassoscopica*
- *Antrophyum austroqueenslandicum*
- *Aphelocephala leucopsis* (Southern Whiteface)
- *Aprasia parapulchella* (Pink-tailed Legless Lizard)
- * *Asperula asthenes* (Trailing Woodruff)
- *Asterolasia rupestris subsp. Recurve*
- *Bertya mollissima*
- *Boronia inflexa subsp torringtonensis*
- *Caladenia amnicola* (Caladenia amnicola)
- *Caladenia atroclavia* (Black-clubbed Spider-orchid)
- *Circus assimilis* (Spotted Harrier)
- *Commersonia rosea* (Commersonia rosea)
- *Cryptostylis hunteriana* (Leafless Tongue Orchid)
- *Danhatchia copelandii*
- *Demansia rimicola* (a whip snake)
- *Desmodium campylocaulon* (Creeping Tick-trefoil)
- *Digitaria porrecta* (Finger Panic Grass)
- *Eriocaulon australasicum* (Austral Pipewort)
- *Fontainea sp. Coffs Harbour*
- *Hemiaspis damelii* (Grey Snake)
- *Homopholis belsonii* (Belson's Panic)
- *Homoranthus bruhlii*
- *Homoranthus elusus*
- *Homoranthus floydii*
- *Ipomoea diamantinensis* (Desert Cow-Vine)
- *Leionema westonii* (Leionema westonii)
- *Lepidium aschersonii* (Spiny Peppercross)
- *Lepidium hyssopifolium* (Aromatic Peppercross)
- *Lepidium monoplocoides* (Winged Peppercross)

 * Changes to a geographic limitation in an IBRA subregion

Updates to species-IBRA Subregion associations

(CONTINUED) Entities with **changed distribution across IBRA subregions** include:

- *Litoria watsoni* (Watson's Tree Frog)
- *Macrozamia cranei*
- *Macrozamia occidua*
- *Melaleuca biconvexa* (Biconvex Paperbark)
- *Micronomus norfolkensis* (Eastern Coastal Free-tailed Bat)
- *Monotaxis macrophylla* (Large-leafed Monotaxis)
- *Myotis macropus* (Southern Myotis)
- *Myuchelys purvisi* (Manning River Helmeted Turtle, Purvis' Turtle)
- **Neophema chrysogaster* (Orange-bellied Parrot)
- *Neophema chrysostoma* (Blue-winged Parrot)
- *Petrogale penicillata* (Brush-tailed Rock-wallaby)
- *Petroica boodang* (Scarlet Robin)
- *Petroica phoenicea* (Flame Robin)
- *Pezoporus wallicus wallicus* (Eastern Ground Parrot)
- **Phascogale tapoatafa* (Brush-tailed Phascogale)
- *Philothea papillata*
- *Pimelea bracteata*
- *Pycnoptilus floccosus*
- *Pittosporum kororoense*
- *Pomaderris gilmourii var gilmourii*
- *Potorous tridactylus* (Long-nosed Potoroo)
- *Prasophyllum canaliculatum* (Summer Leek Orchid)
- *Pultenaea sp. Werrikimbe NP*
- *Pycnoptilus floccosus* (Pilotbird)
- *Rhodamnia maideniana* (Smooth Scrub Turpentine)
- *Selaginella andrewsii*
- *Senecio macrocarpus*
- *Setirostris eleryi* (Bristle-faced Free-tailed Bat)
- *Thelymitra atronitida* (Black-hooded Sun Orchid)
- *Tympanocryptis mccartneyi* (Bathurst Grassland Earless Dragon)
- *Veronica lithophila*

* Changes to a geographic limitation in an IBRA subregion

Updates to species – PCT associations

Species with **changed PCT associations** include:

- *Amytornis striatus howei* (Murray Mallee Striated Grasswren)
- *Aphelocephala leucopsis* (Southern Whiteface)
- *Asperula asthenes* (Trailing Woodruff)
- *Asterolasia rupestris subsp. Recurve*
- *Bertya mollissima*
- *Boronia inflexa subsp torringtonensis*
- *Caladenia amnicola*
- *Caladenia atroclavia* (Black-clubbed Spider-orchid)
- *Callistemon purpurascens*
- *Calyptorhynchus lathami lathami* (South-eastern Glossy Black-Cockatoo)
- *Cercartetus nanus* (Eastern Pygmy-possum)
- *Cryptostylis hunteriana* (Leafless Tongue Orchid)
- *Danhatchia copelandii*

- *Falco subniger* (Black Falcon)
- *Gyrostemon thesioides*
- *Hemiaspis damelii* (Grey Snake)
- *Homoranthus bruhlii*
- *Homoranthus elusus*
- *Homoranthus floydii*
- *Keyacris scurra* (Key's Matchstick Grasshopper)
- *Leionema westonii*
- *Lepidium hyssopifolium* (Aromatic Peppergrass)
- *Litoria watsoni* (Watson's Tree Frog)
- *Maireana cheelii* (Chariot Wheels)
- *Myotis macropus* (Southern Myotis)
- *Myuchelys purvisi* (Manning River Helmeted Turtle, Purvis' Turtle)
- *Neophema chrysogaster* (Orange-bellied Parrot)
- *Neophema chrysostoma* (Blue-winged Parrot)

☝ Check PCT associations in BioNet. Manually add to candidate or predicted species lists if these species do not automatically populate.

Updates to species – PCT associations

(**CONTINUED**) Species with **changed PCT associations** include:

- *Onychoprion fuscata* (Sooty Tern)
- *Petauroides volans* (Southern Greater Glider)
- *Petaurus australis* (Yellow-bellied Glider)
- *Petaurus norfolcensis* (Squirrel Glider)
- *Petroica boodang* (Scarlet Robin)
- *Petroica phoenicea* (Flame Robin)
- *Phaethon rubricauda* (Red-tailed Tropicbird)
- *Pimelea bracteata*
- *Pycnoptilus floccosus*
- *Polytelis anthopeplus monarchoides* (Regent Parrot (eastern subspecies))
- *Pomaderris gilmourii* var *gilmourii*
- *Pycnoptilus floccosus* (Pilotbird)
- *Rhizanthella slateri* (Eastern Australian Underground Orchid)
- *Veronica lithophila*

☝ Check PCT associations in BioNet.
Manually add to candidate or predicted
species lists if these species do not
automatically populate.

Updates to species Survey Months

Species with **revised months of survey** include:

Scientific Name	Common Name	Former Months of Survey	New Months of Survey
<i>Aprasia parapulchella</i>	Pink-tailed Legless Lizard	Sep-Nov	N/A
<i>Diplodactylus platyurus</i>	Eastern Fat-tailed Gecko	Oct-Dec	Oct-Mar
<i>Keyacris scurra</i>	Key's Matchstick Grasshopper	Mar-Dec	Mar-May and Sep-Nov
<i>Tympanocryptis mccartneyi</i>	Bathurst grassland earless dragon	Oct-Apr	Mar-May
<i>Tympanocryptis osbornei</i>	Monaro Grassland Earless Dragon	Oct-Apr	Mar-May
<i>Tympanocryptis lineata</i>	Canberra Grassland Earless Dragon	Oct-Apr	Mar-May
<i>Calyptorhynchus lathami lathami</i>	Glossy Black Cockatoo	Jan-Sep	Apr-Aug
<i>Ninox strenua</i>	Powerful Owl	Jan-Aug	Year round
<i>Ninox connivens</i>	Barking Owl	Jan-Aug	Year round
<i>Tyto novaehollandiae</i>	Masked Owl	Jan-Aug	Year round
<i>Tyto tenebricosa</i>	Sooty Owl	Jan-Aug	Year round

Updates to TBDC data: Survey Comments

The TBDC 'Survey Comments' field includes survey information for some species.
Species with a **revised 'Survey Comments'** field include:

- *Aprasia parapulchella* (Pink-tailed Legless Lizard)
- *Calyptorhynchus lathami lathami* (Glossy Black Cockatoo)
- *Chalinolobus dwyeri* (Large-eared Pied Bat)
- *Delma impar* (Striped Legless Lizard)
- *Keyacris scurra* (Key's Matchstick Grasshopper)
- *Meridolum corneovirens* (Cumberland Plain Land Snail)
- *Meridolum maryae* (Maroubra Woodland Snail)
- *Ninox connivens* (Barking Owl)
- *Ninox strenua* (Powerful Owl)
- *Nurus atlas* (Atlas Rainforest Ground-beetle)
- *Nurus brevis* (Shorter Rainforest Ground-beetle)
- *Pommerhelix duralensis* (Dural Land Snail)
- *Swainsona recta* (Small Purple-pea)
- *Swainsona sericea* (Silky Swainson-pea)
- *Tympanocryptis lineata* (Canberra Grassland Earless Dragon)
- *Tympanocryptis mccartneyi* (Bathurst grassland earless dragon)
- *Tympanocryptis osbornei* (Monaro Grassland Earless Dragon)
- *Tyto novaehollandiae* (Masked Owl)
- *Tyto tenebricosa* (Sooty Owl)
- *Vespadelus troungtoni* (Eastern Cave Bat)

Updates to TBDC data: General Notes

Entities with **updated General Notes** include:

- *Calyptorhynchus banksii banksii* (Red-Tailed Black Cockatoo)
- *Cymbidium canaliculatum* population in the Hunter Catchment
- *Ninox strenua* (Powerful Owl)
- *Ninox connivens* (Barking Owl)
- *Tyto tenebricosa* (Sooty Owl)
- *Tyto novaehollandiae* (Masked Owl)
- *Keyacris scurra* (Key's Matchstick Grasshopper)
- *Nurus atlas* (Atlas Rainforest Ground-beetle)
- *Nurus brevis* (Shorter Rainforest Ground-beetle)
- *Meridolum corneovirens* (Cumberland Plain Land Snail)
- *Pommerhelix duralensis* (Dural Land Snail)
- Robertson Rainforest in the Sydney Basin Bioregion

3. Updates to entities at risk of Serious and Irreversible Impact (SII)

Amendments to the list of entities at risk of SAI

As a result of approved SAI nominations or changes to a listing status, the following changes have been made to the SAI list:

- 2 species added
- 3 TECs added
- 8 species removed.

Species removed from the list
<i>Arthropteris palisotii</i>
<i>Calidris tenuirostris</i>
<i>Cyperus rupicola</i>
<i>Cyperus semifertilis</i>
<i>Darwinia peduncularis</i>
<i>Eucalyptus approximans</i>
<i>Lepidium pseudopapillosum</i>
<i>Pilularia novae-hollandiae</i>

Species added to the list	SAI principle
<i>Crinia sloanei</i>	P3
<i>Pterostylis Saxicola</i>	P4

TECs added to the list	SAI principle
Coastal Upland Swamps in the Sydney basin bioregion	P4
Mount Gibraltar Forest in the Sydney Basin	P3
Newnes Plateau Shrub Swamp in the Sydney Basin Bioregion	P3, P4

SAIL nominations

SAIL nominations are encouraged where data clearly indicates that the SAIL list is incorrect.

Anyone can lodge an SAIL nomination to add or remove a species or TEC or amend the SAIL principles for an entity.

Nominations will be anonymously displayed for public comment before being reviewed by DCCEEW.

Threatened Ecological Community details

Scientific name *

Common name (from BioNet)

Background *

Background on the species, including relevant listing history such as when was it listed and why, whether it is also listed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), whether it is being managed under a Saving Our Species, or other project. Include any information from the Final Determination that is relevant to the SAIL nomination.

General SAIL information

What is the purpose of this nomination?

- Add a TEC to SAIL listing
- Remove a TEC from SAIL listing
- Modify the current SAIL principles for which the TEC is listed
- Provide feedback on a TEC currently being publicly displayed

Current SAIL listing

- P1
- P2
- P3
- Not listed

Proposed SAIL listing

- P1
- P2
- P3
- Listing removed

Evidence supporting the listing of a principle

SAIL principle *

Principle 3

[Add another response](#)

Principle 3

Principle 3: Restricted geographic distribution

Refer to the [Guidance to assist a decision-maker to determine a serious and irreversible impact](#) for details on very limited geographic distribution for an ecological community considered to be critically endangered by IUCN. Refer to the [Biodiversity Assessment Method](#) glossary for definitions of extent of occurrence and area of occupancy.

Resources and Support

👉 If you have any questions, feedback or issues, please contact us at BOS.helpdesk@environment.nsw.gov.au

Assessor resources and contacts for support include:

- DPE webpages:
 - Biodiversity Assessment Method 2020 (BAM);
 - Accredited assessors website:
 - Assessor resources (links to legislation, databases, manuals and guidelines, assessor correspondence);
 - 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).