



State of the catchments 2010

Threatened species

Technical report series

Monitoring, evaluation and reporting program

Assessing the recovery of threatened species, populations and ecological communities in NSW

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Office of Environment and Heritage

Monitoring, evaluation and reporting program Technical report series

Native vegetation
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Soil condition
Land management within capability
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1. Introduction

The world is experiencing a rapid loss of biodiversity including an unprecedented rate of species extinction (Lawton & May 1995; Pimm et al. 1995; Baillie et al. 2004). Many if not most of these losses have been attributed to human activity, especially the introduction of invasive species to new islands and continents, the destruction of habitat and over exploitation (Atkinson 1989; Diamond 1989; Mack et al. 2000). At the United Nations Conference on Environment and Development in Rio de Janeiro in 1992, the Convention on Biological Diversity was opened for signature with the objective of preventing further losses (www.cbd.int/). In particular, the Convention seeks to reduce the rate of biodiversity loss at global, national and regional scales. One-hundred and sixty-eight nations, including Australia, have signed the Convention.

Consistent with the intent of the Convention, the NSW Government sets state-wide natural resource management (NRM) targets for the conservation of biodiversity. These targets relate to the extent and condition of native vegetation, the sustainability of native fauna species, the recovery of threatened species and the impact of invasive species.

This report details the data sources and analyses used to measure the recovery of threatened species in NSW for the purposes of measuring progress towards the state-wide NRM target. The state-wide NRM target for threatened species is as follows:

'By 2015 there is an increase in the recovery of threatened species, populations and ecological communities'.

Consistent with the intent of the *NSW Threatened Species Conservation Act 1995* (TSC Act), recovery is defined here as a decline in the risk of extinction. This is equivalent to an increase in the likelihood of being sustained. To measure progress towards the target, recovery of threatened entities such as species, populations and ecological communities, is defined as an improvement in a sustainability score between reporting periods. As progress can only be measured between reporting periods, no estimates of trend can be provided in these initial State of the catchments (SOC) reports.

The simplest measure of progress towards the target is the number of threatened entities that have been downgraded; that is moved to a lesser 'at risk' category, on the schedules of the TSC Act when compared to the number of newly listed entities. This can be a very slow process in the face of limited information and decision-making guided by the precautionary principle. Given that measuring the recovery of species or populations is typically difficult and expensive, it may be appealing to identify a few species or populations to monitor that might indicate trends across broad groups of fauna (indicator species; Caro & O'Doherty 1999). However, identifying indicator species is challenging because relationships between species and how they respond to various environmental pressures is rarely known, such that the basis for assuming that trends in one species are indicative of trends in another is often unclear (eg Landres et al. 1988; Lindenmayer & Likens 2010).

Irrespective of these theoretical arguments, long-term (eg ≥ 10 years) monitoring is required to assess the sustainability of most species and so any baseline assessment must be based on existing data. As a result, all threatened species (flora and fauna) for which adequate baseline data were available were considered.

Analyses were conducted at both state and regional scales. Regional analyses aligned with the 13 regions established by the NSW and Australian Governments to facilitate NRM regions (www.nrm.gov.au/nrm/region.html). The results have been reported in the NSW State of the Environment (SOE) 2009 report (www.environment.nsw.gov.au/soe/soe2009/index.htm) and SOC 2010 (www.environment.nsw.gov.au/soc/stateofthecatchmentsreport.htm) reports.

Although data for endangered populations and ecological communities were collected and analysed, condition and trend assessments were excluded from the final reports. A short discussion is provided in Section 2 that gives reasons for why the data were not deemed suitable for reporting on sustainability at the state and catchment scale.

1.1 Inclusions and exclusions

Threatened species, populations and ecological communities are defined here as those species, populations and communities that are listed under TSC Act or the *Fisheries Management Act 1994*. This includes many species of vertebrates (mammals, birds, frogs, reptiles and fish), invertebrates, plants, algae and fungi. It also includes populations of certain species or groups of species that are locally threatened, and particular combinations of different species – hereafter referred to as communities – that are threatened. Table 1 below gives the total number of threatened entities, split into their listing categories, listed for NSW.

Table 1: Number of species, populations and ecological communities listed under the TSC Act and Fisheries Management Act 1994. The categories reflect different levels of extinction risk (critically endangered highest, vulnerable lowest) and are defined explicitly in the legislation

	Presumed extinct	Critically endangered	Endangered	Endangered populations	Vulnerable	Total
Fauna						
Mammals	26	0	19	10	44	99
Birds	12	1	28	6	85	132
Amphibians	0	0	15	1	13	29
Reptiles	1	0	16	1	25	43
Fish	1	2	7	3	3	16
Invertebrates	1	0	18	1	1	21
Flora						
Plants	34	14	347	19	231	645
Algae	1	1	1	0	0	3
Fungi	0	0	5	0	4	9
Ecological communities	0	3	93	–	3	99
State total	76	21	549	41	409	1096

To generate a list of threatened species for each of 13 NRM regions, species occurrence records were sourced from the Atlas of NSW Wildlife (<http://wildlifeatlas.nationalparks.nsw.gov.au>), Birds Australia's Atlas of Australian Birds (www.birdsaustralia.com.au/our-projects/atlas-birddata.html), and the Office of Environment and Heritage (OEH) Vegetation Survey Database known as 'Yeti'. All species were then reviewed and a small number excluded on the basis that they have probably never occurred in NSW (ie the records are likely wrong). Endangered populations and ecological communities are largely well defined in terms of where they occur in the determinations written by the scientific committee. This information was used to generate lists of endangered populations and ecological communities for each region. Note: The regional lists for populations and communities are not included here as they mostly rely on information from the OEH threatened species profile website (www.threatenedspecies.environment.nsw.gov.au/tsprofile/home_species.aspx), which is currently being reviewed.

A total of 956 threatened species, 41 populations and 99 ecological communities native to NSW were thus identified (Appendix 1a). Lists and summary tables for species in each catchment management authority (CMA) region are also given (Appendix 1b and 1c). Regional lists may be subject to further review.

2. Sustainability of threatened species

Sustainability is defined here as the probability of a threatened species remaining extant within a given area after a given time. Intuitively, it is the inverse of extinction risk. The International Union for the Conservation of Nature (IUCN) has developed criteria for assessing the extinction risk of species at both global (IUCN 2001, 2008) and regional scales (IUCN 2003). These are often referred to as the 'Red-List criteria'. In brief, the criteria score extinction risk based on estimates of distribution and population size, trends in distribution and population size over time and direct estimates of extinction risk from population modelling. Where species are assessed over only a part of their distribution (regional assessment) scores may be upgraded or downgraded depending on the likelihood of significant immigration from outside the region. The criteria relating to distribution size are important because they suggest that any localised population is at high risk of extinction depending on the likelihood of surrounding populations acting as sources. As a result, assessing the extinction risk of localised populations may be of limited value.

2.1 Assessing sustainability using modified IUCN Red-List criteria

The sustainability of threatened species in NSW was assessed by applying the IUCN Red-List criteria with minor modifications. These involved changes to category names so they related to sustainability, simplifying the time intervals for calculating trends, establishing quantitative thresholds for the IUCN category 'near threatened', and the addition of a sub-criterion so that currently-declining species that have also suffered severe loss of distribution since European settlement were scored as less sustainable. The criteria are detailed in Appendix 2.

Sustainability was assessed using the same number of categories and category thresholds as is extinction risk under the IUCN Red-List criteria. However, given that the objective was to assess sustainability and not extinction risk per se, different category names were used; these are given in Table 2. Note that only the first category represents 'sustainable' species, while each subsequent category represents an increasing risk of extinction. These categories were renamed again for the purposes of the SOC 2010 reports (Table 2) so that standardised nomenclature was used to describe condition for all 13 NRM targets. The symmetrical nature of these category names has the unfortunate effect of labelling a threatened species at 'moderate risk' of extinction as 'fair'.

Table 2: IUCN categories for extinction risk, matching sustainability categories and categories used in the SOC 2010 reports

IUCN category	Sustainability	SOC 2010 report
Least concern	Sustainable	5 Very good
Near threatened	Low risk	4 Good
Vulnerable	Moderate risk	3 Fair
Endangered	Substantial risk	2 Poor
Critically endangered	Severe risk	1 Very poor
Presumed extinct	Extinct	0 Extinct
Data deficient	Data deficient	Data deficient

Under the IUCN Red-list criteria, the time scale for assessing change in distribution and population size may vary with the generation length (mean age of the parents of the current cohort) of the species (IUCN 2008). Under Criterion A for example, declines are calculated over the longer of 10 years or three generations and then compared to a series of thresholds to determine extinction risk. Ten years is set as the lower limit for calculating change on the basis that it is the shortest period relevant to conservation planning. Given the large number of species to be assessed here however, ten years was used for all species assessed under this criterion. This may be appropriate for most native vertebrates as most are likely to have generation lengths \leq three years. The sustainabilities of species with longer generation lengths may have been overestimated however, as any declines should have been calculated over longer time intervals. The lower limits were likewise used in other criteria requiring the estimation of change over time.

The IUCN Red-List criteria do not include explicit thresholds to differentiate the category 'near threatened' from 'least concern'. Hence quantitative thresholds were chosen here to partition the 'low risk' and 'sustainable;' categories. These thresholds were somewhat arbitrary, but were typically half or double the equivalent thresholds between 'low risk' and 'moderate risk' as appropriate.

Many species have suffered severe range loss since European settlement of NSW (Mahon et al. 2011). Such declines may be reliable predictors of extinction risk where the causes of previous declines may not have ceased (including any lag effects) or may not be understood. An additional sub-criterion was added so that species that have previously lost more than 50 per cent of their distribution were assigned to the next lowest sustainability category. For example, a species that would be assigned to category 3 ('moderate risk') based on a decline over the last ten years, would be assigned to category 4 ('substantial risk') if it was estimated to have lost more than 50 per cent of its historic range and if the likely causes of that loss had not ceased or were not understood.

The IUCN Red-List methodology requires that each species be assessed simultaneously across all criteria for which data were available (see below) and scored by the criterion which identified the lowest sustainability. With the exception of extinct species, all species assessed at the state scale were subject to the regional process (Appendix 3). Given the large number of combinations of species and regions however, the regional process was not applied to assessments made for each of the CMA regions.

2.2 Data sources and analyses

The sustainability of individual threatened species was assessed if and only if they were being actively monitored at a regional or larger scale. In particular, objective data were required on total distribution and population size, trends in distribution and population size over time and/or extinction risk from demographic studies. Given that monitoring programs are rarely designed to measure all variables of interest, species were considered adequately monitored if they could be assessed against the criteria that were likely to be the most relevant. Thus monitoring of widespread species was considered adequate if there were data to assess trends in distribution and/or population size under IUCN Criterion A.

A series of workshops was held throughout NSW in 2007 and 2008 to identify threatened species monitoring programs and other potential data sources. While many monitoring programs were documented, few provided adequate spatial sampling of species distributions or adequate temporal sequences that might allow the detection of trends. The largest single source of

information was Birds Australia's Atlas of Australian Birds project. Since 1998, the presence of individual bird species has been recorded in over 420,000 standardised surveys undertaken across Australia by volunteers. Notwithstanding the potential for sampling bias, these surveys provide a substantial dataset which may allow trends in the abundances of threatened diurnal birds at a regional or larger scale to be inferred (eg Barrett et al. 2007). Data from the Atlas of Australian Birds were sourced from Birds Australia for the whole of NSW for the years 1998–2007 (see further detail below; Birds Australia 2009).

Systematic aerial survey of terrestrial wetlands to estimate waterbird populations has been ongoing across much of eastern Australia since 1983 (Kingsford & Porter 2009). These data provide a much more robust measure of population trends and hence sustainability for species of threatened waterbirds. Data from these surveys were analysed for the whole on NSW for the years 1983–2007.

Outside these major programs, OEH undertakes a small number of targeted threatened species monitoring programs in collaboration with other NSW government agencies and researchers. Many of these programs aim to measure recovery of particular threatened species, or aim to measure the effectiveness of particular management actions. For example, under the NSW Fox Threat Abatement Plan, monitoring has been established to measure the response of targeted threatened species and other fauna to fox control in priority areas (Mahon 2009). A summary of data sources used in threatened species assessments is provided in the Results section (Figure 4).

The analyses required to assess threatened species against the criteria was limited largely to estimating rates of change in distribution or population size over time using regression analysis (logistic and linear). Regression analyses were performed using SAS Enterprise Guide 4.1 (SAS Institute 2006). To account for uncertainty, 90 per cent confidence intervals were calculated around the intercept and slope coefficients (Sokal & Rohlf 1995). These estimates were then used to calculate upper, lower and point-estimates of change over ten years.

The application of the regression results to IUCN Criterion A was made according to decision rules (Figure 1). The decision rules were based on the number of sustainability categories (Table 3) that were spanned by the 90 per cent confidence interval of the calculated percentage change of the population or distribution. The decision rules were:

- if the confidence interval encompassed less than three categories, the point-estimate was used
- if the confidence interval encompassed more than three categories but did not span zero, the point-estimate was used
- if the confidence interval encompassed more than three categories and spanned zero, the species was considered to be data deficient for Criterion A.

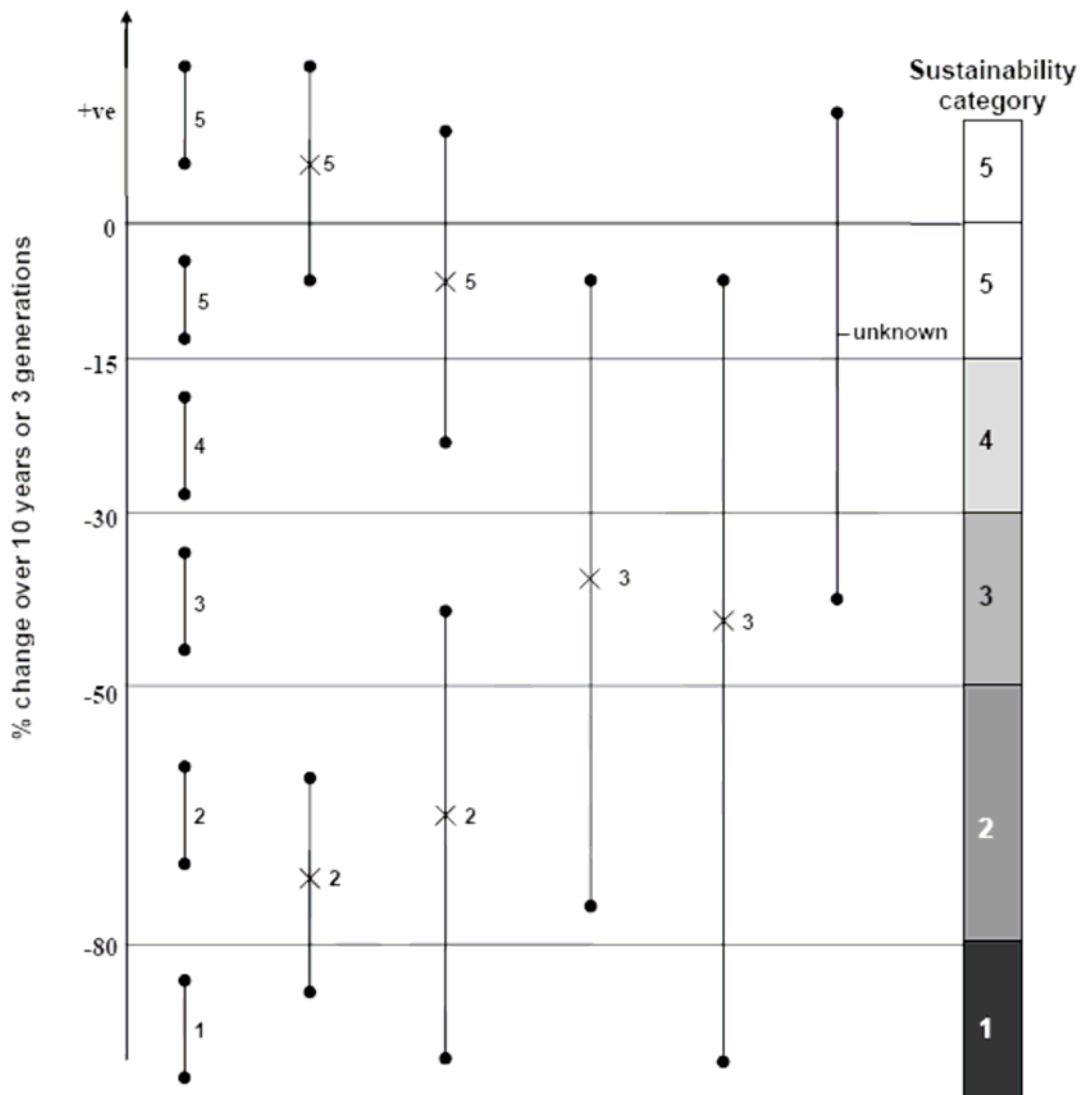


Figure 1: Decision rules for assigning a threatened species to a sustainability category based on the 90 per cent confidence interval of the estimated change in population or distribution over 10 years or three generations. Vertical lines represent the 90 per cent confidence interval, X is the point-estimate and numerals represent the category to be assigned. The two intervals associated with category 5 are treated as separate for the purpose of counting the intervals included within confidence intervals. Illustrated for Criterion A (ii)

2.3 Sustainability of endangered populations and ecological communities

The above methods used to assess sustainability for threatened species were not appropriate for assessing the sustainability of endangered populations and threatened ecological communities. While other methods for assessment of these entities were trialled, very few meaningful datasets were available, and feedback from experts led to the abandonment of these assessments. As a result, endangered populations and threatened ecological communities were not assessed for sustainability. Recently work has commenced by the IUCN to develop criteria that will apply to ecological communities and the adoption of Red-List criteria for communities will assist in assessing their sustainability (Nicholson et. al 2009).

2.4 Results

Including species listed as presumed extinct, sustainability was assessed for 72 of 318 species (five per cent) of threatened fauna in NSW and 46 of 638 (seven per cent) species of threatened flora in NSW (Figure 3). The majority of species assessed were birds. Excluding extinct species, 23 of 42 assessable threatened species (54 per cent) were birds, 11 (26 per cent) were plants, four (nine per cent) were amphibians, three (seven per cent) were mammals and one (two per cent) was an invertebrate. Adequate monitoring data were not available for any extant threatened species of reptile. Across taxonomic classes, two of 42 extant assessable threatened species had their extinction risk downgraded on the basis of potentially significant immigration from populations in other states; no species had its extinction risk upgraded. Nevertheless, only two extant assessable threatened species (five per cent) were scored as sustainable. This represents less than one per cent of threatened species in NSW. Refer to Appendix 5 for a list of the 118 threatened species that were assessed for sustainability including results.

Sustainability was assessed for 4–22 per cent (mean nine per cent) of threatened species within the 13 NRM regions (Figure 3; see also Appendix 1A and 1B for regional threatened species totals). Again, the majority of assessable species were birds and, with the exception of the extinction of the fierce snake (*Oxyuranus microlepidotus*) from the Western region, no threatened reptile species were assessable in any region. The number of species that were assessed as being sustainable was zero for most regions (Southern Rivers, Border Rivers–Gwydir, Namoi, Central West, Lachlan, Murrumbidgee, Western and Lower Murray Darling); however the remaining five regions (Northern Rivers, Hunter–Central Rivers, Sydney Metropolitan, Hawkesbury–Nepean and Murray) each had one extant, assessable species that was scored as ‘sustainable’. Overall, the proportion of threatened species scored as sustainable ranged from 0 (for most regions – listed above) to 0.72 per cent (one of 139) in the Murray region. However, given that these assessments were not subject to the regional process and that this process resulted in an upgrade of sustainability scores for many species at the state scale, it is likely that the number of sustainable species within each region has been underestimated. Moreover, apparent differences between regions are likely to be an artefact of biases in available data (see Sections 3 and 4 for further discussion).

Twenty-six per cent of assessments were based on analyses of data from various targeted threatened species monitoring programs, and 23 per cent were based on data from the Atlas of Australian Birds (Figure 4). Aerial surveys of waterbirds accounted for one per cent of the assessments. Extinct species were identified from the determinations of the NSW Scientific Committee; this accounted for 50 per cent of the assessments. Data sources for regional assessments were similar in proportion except for Border Rivers–Gwydir where all assessments

were based on NSW Scientific Committee determinations for extinct species. An example sustainability assessment for a threatened species, the brush-tailed rock wallaby, is described below.

2.5 Example assessment

The NSW Fox Threat Abatement Plan and the brush-tailed rock wallaby (*Petrogale penicillata*)

The NSW Fox Threat Abatement Plan (NPWS 2001) establishes priorities for fox control across the state by identifying which threatened species are at greatest risk from fox predation and at which sites fox control for these species is most critical. Under the plan, 12 colonies of brush-tailed rock wallaby within the Hunter–Central Rivers Region have been monitored since 2003 using pellet counts. Six colonies are subject to fox control, while a further three colonies act as experimental controls. However, initial analyses suggest that fox control has neither reduced fox activity nor increased rock wallaby activity at treatment sites compared to non-treatment sites. The final three monitored colonies lie in more productive habitat in the north of the region; these colonies have been subject to various levels of wild dog control. Irrespective of differences in management and habitat, the 12 colonies constitute most of the known brush-tailed rock wallaby sites within the region and hence are likely to be a large indicative sample of the regional population.

A regression model fitted to data combined across colonies predicts a decline in rock wallaby activity of 58 per cent over 10 years (90 per cent confidence limits -12 per cent to -92 per cent). Thus, sustainability was scored as ‘substantial risk’ under Criterion A2 (Appendix 2). Given that the brush-tailed rock wallaby is a relatively sedentary species and that their distribution within the region is highly fragmented, significant immigration from outside the region is highly improbable. Hence the score was unchanged under the regional assessment process (Appendix 3).

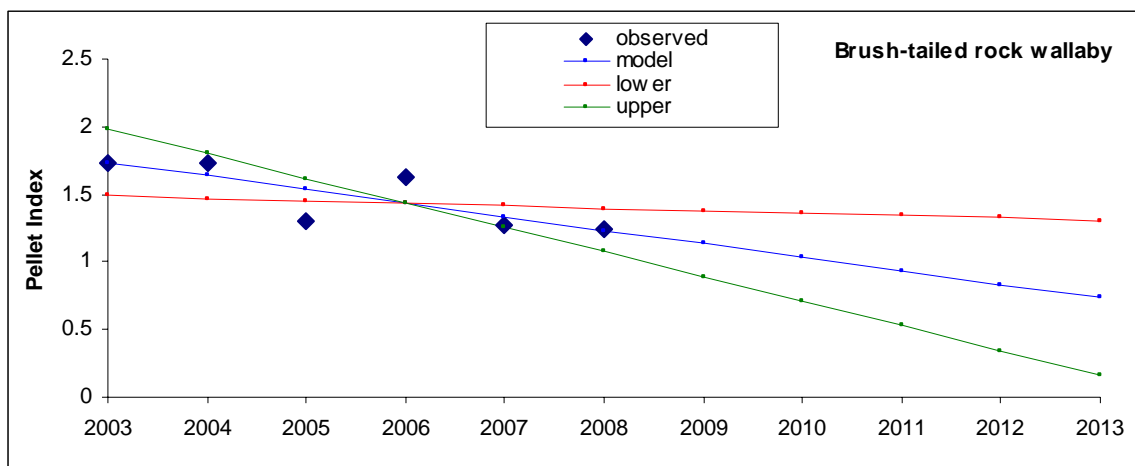
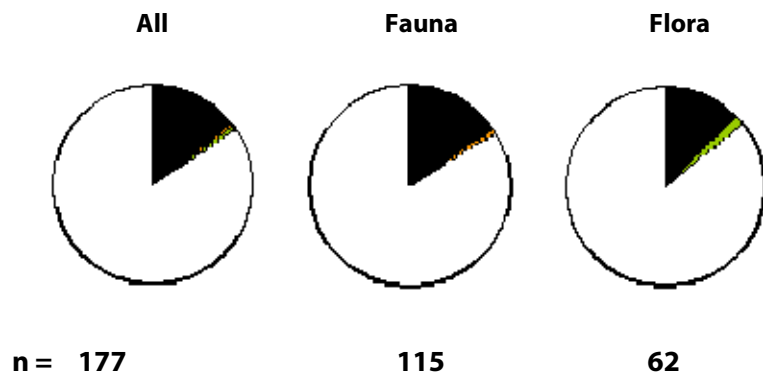
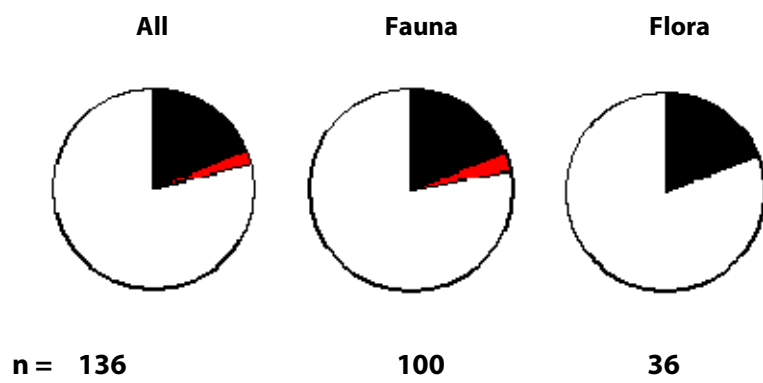


Figure 2: Observed and modelled activity of the brush-tailed rock wallaby (*Petrogale penicillata*) derived from pellet counts from 12 colonies throughout Hunter–Central Rivers region. Data from the NSW Fox Threat Abatement Plan

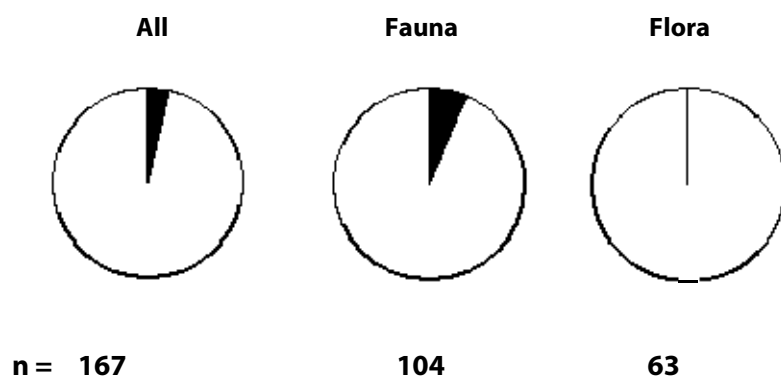
Western



Lower Murray Darling



Border Rivers–Gwydir



Namoi

All



n = 141

Fauna



106

Flora



35

Central West

All



n = 172

Fauna



117

Flora



55

Lachlan

All



n = 142

Fauna



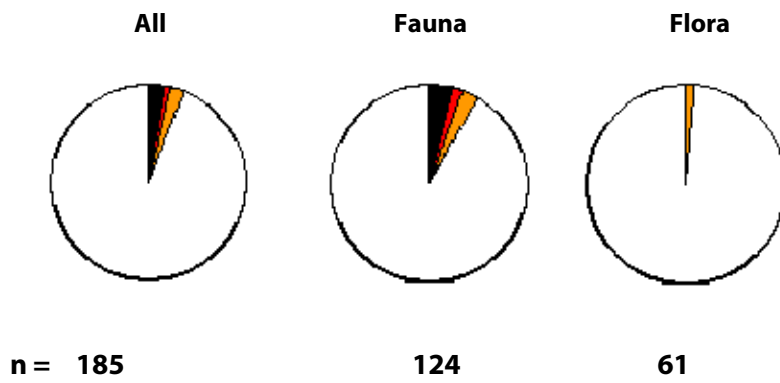
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Flora

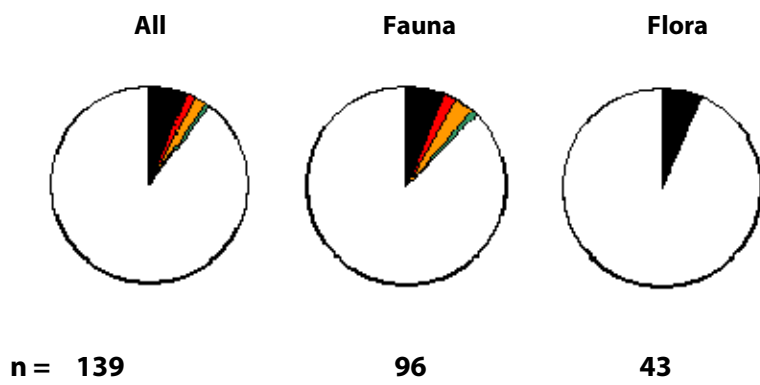


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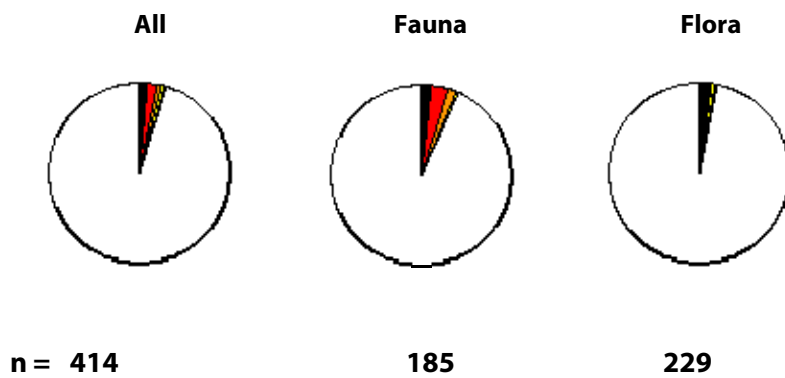
Murrumbidgee



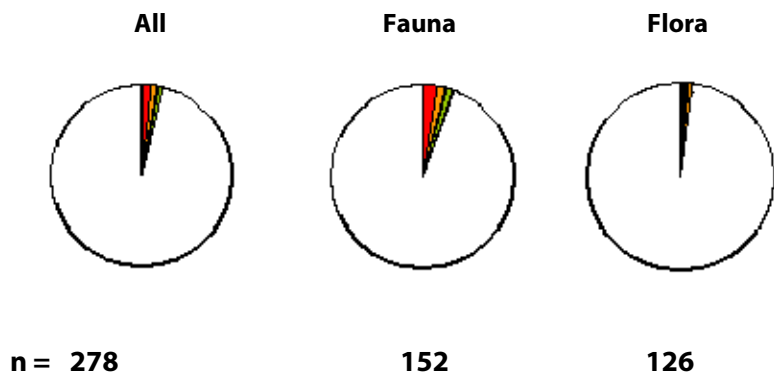
Murray



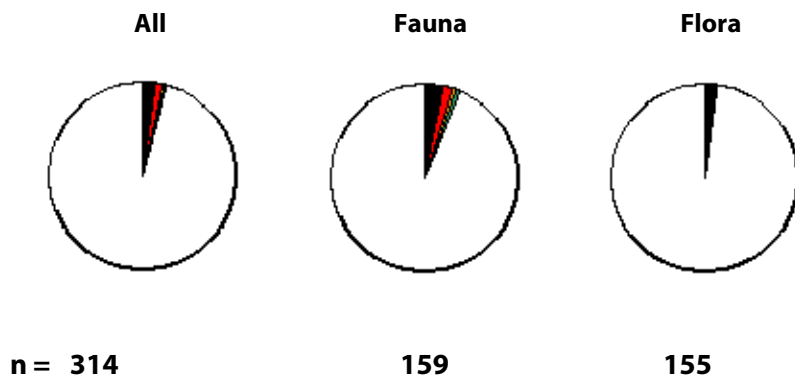
Northern Rivers



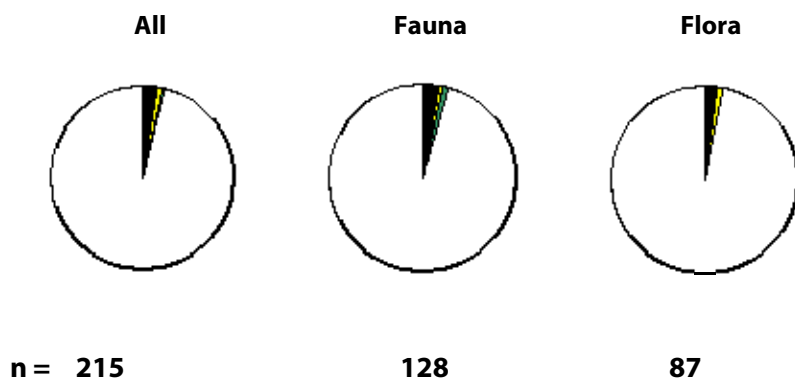
Hunter–Central Rivers



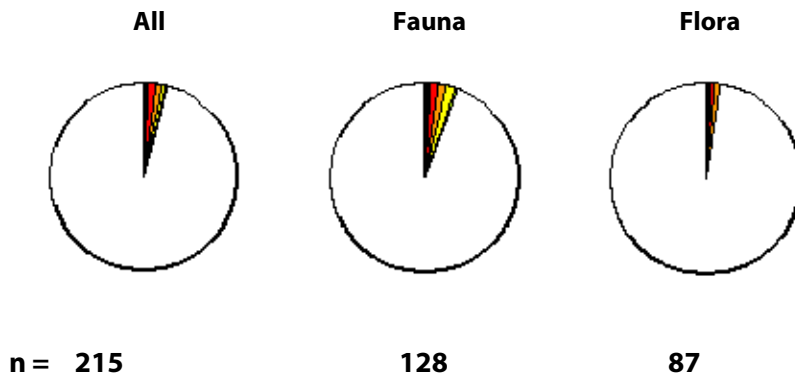
Hawkesbury–Nepean



Sydney Metropolitan



Southern Rivers



NSW

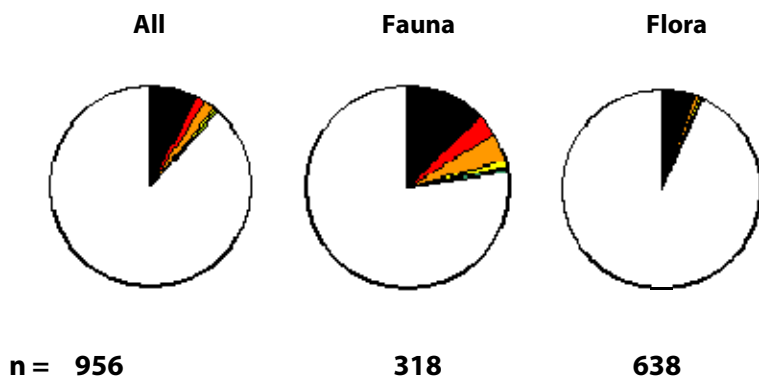


Figure 3: Sustainability of threatened species in NSW, assessed at the state and regional scale. Shown are the proportion of species in each of seven categories: presumed extinct ■, severe risk ■, substantial risk ■, moderate risk ■, low risk ■, sustainable ■ and data deficient □. The total number of species in each figure is given under each pie chart

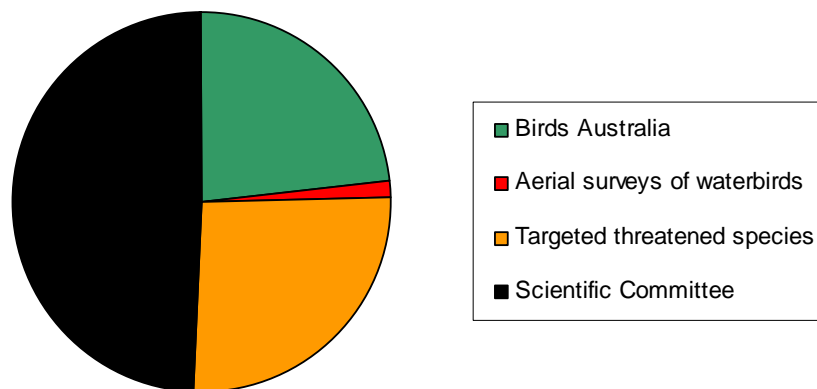


Figure 4: Data sources for sustainability assessments of NSW threatened species. Extinct species were identified from the determinations of the NSW Scientific Committee

3. An index of threatened species recovery

For the purposes of the SOC 2010 reports, an index of threatened species condition, or recovery was calculated for each CMA region as the mean of sustainability scores for all threatened species that were able to be assessed. However, given that sustainability scores were available for very few species in each region, the index is inadequate without an increase in the number of threatened species being monitored. Although scores for individual species are categorical rather than continuous, the change in the mean over time may reflect net changes in the sustainability of individual species over time. The mean scores were assigned to broad categories for ease of interpretation as shown in Table 3. Results are summarised in Table 4.

Standard errors were not calculated as the set of species for which data were available were far from a random sample of species within each region. Thus apparent differences between regions may be an artefact of biases in available data rather than reflective of real differences in sustainability. Nevertheless, such a metric may provide the basis for measuring change over time or between regions if a larger, more representative set of species were monitored in the future. Note that regional scores are likely to be underestimates relative to the state score as species assessed at the regional scale did not go through the IUCN regional process (see Section 2.4). An index of threatened species recovery could not be calculated for the Border Rivers–Gwydir region as no threatened flora or fauna species were monitored adequately to assess sustainability in the region.

Table 3: Thresholds for assigning the sustainability index to a condition category for the SOC 2010 reports

Sustainability index	Condition	Interpretation
5	Very good	All assessable species sustainable
4 ≤ value < 5	Good	Mean sustainability of assessable species is near threatened or better
3 ≤ value < 4	Fair	Mean sustainability of assessable species is worse than near threatened
2 ≤ value < 3	Poor	Mean sustainability of assessable species is worse than IUCN vulnerable category
< 2	Very poor	Mean sustainability of assessable species is worse than IUCN endangered category

Table 4: Threatened species sustainability by region, calculated for the purposes of the SOC 2010 reports. The index is biased towards those groups of species for which most data were available

Western 3.0	Central West 3.0	Northern Rivers 1.9	Southern Rivers 2.1
Lower Murray Darling 1.0	Lachlan 1.6	Hunter–Central Rivers 2.2	NSW 2.0
Border Rivers–Gwydir Not calculated	Murrumbidgee 1.7	Hawkesbury–Nepean 1.8	
Namoi 3.0	Murray 2.2	Sydney Metropolitan 3.7	

4. Future directions

The state and regional scale sustainability assessments for threatened species presented in this report highlight the lack of data available to measure trends for threatened species, populations and ecological communities in NSW. Although some targeted threatened species monitoring programs have provided meaningful data to infer sustainability, the majority of species, populations and ecological communities remain unassessable.

It is not feasible to monitor the sustainability of all threatened entities directly. Given the paucity of data however, future options for monitoring are discussed below.

4.1 *Options for monitoring*

1. **Establish no new programs and review available data periodically**

The simplest option is to establish no new programs designed specifically to monitor the sustainability of threatened species at a state or regional scale and to review available data periodically. It is unlikely that data availability will improve however, as monitoring for other purposes rarely provides adequate spatial or temporal sampling of species distributions. Moreover, the future of many of the data sources used here is uncertain. Long-term funding for threatened species programs is not secure, while the availability of data from the Atlas of Australian Birds into the future is unknown. As a minimum, securing these existing sources would allow the current analyses to be repeated in the future for comparison.

2. **Establish a small number of targeted threatened species programs**

Monitoring programs could be developed for individual threatened species where cost-effective census techniques are available and potential distributions are relatively well known and accessible. While this could not be afforded for a large number of species, a small number of targeted programs could be established to improve representation across taxonomic classes and other criteria (eg geographic coverage, primary threat, ecosystem function). For example, threatened species could be selected by considering the major threatening processes acting in different parts of the state. Targeted monitoring may be the only option for taxa with highly-specific habitat requirements.

A targeted monitoring program was trialled for the long-nosed potoroo (*Potorous tridactylus*) in 2009 (Appendix 5 - Assessing the sustainability of native fauna in NSW [Mahon et al. 2011]). This species was selected as it is listed as vulnerable in the TSC Act, and is a medium-sized ground-dwelling mammal, and hence from the group of vertebrates that have experienced the greatest declines historically (see Section 2.3 - Assessing the sustainability of native fauna in NSW [Mahon et al. 2011]), but for which there are almost no data on sustainability. It is or was relatively widespread throughout eastern NSW and its primary threats (fox predation and habitat loss from clearing and altered fire regimes) are common to a broad range of taxa. Moreover, its potential distribution can be estimated from records and modelled habitat. Finally, the declining cost of high-resolution motion-triggered cameras means that a cost-effective method to obtain site occupancy data (ie presence/absence) for a large number of sites may be available.

For the purposes of the trial, 100 x 1 km² sites were selected throughout eastern NSW based on recent records and predicted habitat. Sites were dispersed across the potential distribution by selecting a maximum of one site within each cell of a 20 km x 20 km grid covering NSW (the same grid used for calculating area of occupancy for NSW vertebrates in Section 2.1 - Assessing the

sustainability of native fauna in NSW [Mahon et al. 2011]). Sites were censused using four cameras over two weeks. Of data available to June 2009, potoroos were detected at 13 of 49 sites (27 per cent). Based on presence/absence data for each day, the probability of detecting potoroos at sites where they were present using this technique was estimated to be greater than 99 per cent. A large number of other fauna species were also detected.

The trial demonstrates that site occupancy of long-nosed potoroos could be monitored cost-effectively at a large number of sites across NSW. Such data may be used to infer long-term trends in distribution and hence sustainability (Criterion A is likely to be the most relevant for this fairly widespread species). The power to detect a trend will be determined by temporal variation in site occupancy at the scale of years; no such data are available from the trial. Moreover, sampling of potoroo distribution in the trial was likely biased because access to sites and the likelihood of finding potoroos were considered in site selection. Such a bias may underestimate change if declines are more likely on private lands or in sub-optimal habitat. A program targeting potoroos may also provide data on trends in site occupancy for other species, although any inferences would be limited to potoroo habitat.

3. Establish acceptable methods for measuring trends in the sustainability of threatened populations and ecological communities

While preliminary work has been carried out on ways of measuring trends in the condition and sustainability of populations and ecological communities (Nicholson et. al 2009), further scoping studies are needed. It is anticipated that the current development of initiatives such as the OEH Native Vegetation Mapping Standard, the Biometric Vegetation Types, the NSW Vegetation Information System (VIS) and the NSW Plant Community Type Operational standard, will provide new opportunities and datasets appropriate for use in measuring trends for ecological communities.

5. Recommendations

We advocate the establishment of a small number of targeted monitoring programs for species with small population sizes, limited geographic ranges and/or restricted habitat (typically threatened fauna), although more work is needed to determine priorities. The first task is to identify those variables that are essential for assessing sustainability (extinction risk) for each species and to determine if they might be monitored cost effectively (Section 4). Priorities for monitoring could then be aligned with priorities for the implementation of recovery programs (eg Joseph et al. 2009) so that monitoring aligns with investment. In addition, one could seek representation across taxonomic groups, geographic areas, primary threat and ecosystem function.

6. References

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Appendix 1A

Species, populations and ecological communities listed under the TSC Act and Fisheries Management Act 1994, considered in the NSW assessment of sustainability

Where: E4 = Extinct, E4a = Critically Endangered, E1 = Endangered, E2 = Endangered Population, and V = Vulnerable.

Species

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Acacia acanthoclada</i>	Harrow Wattle	E1
Flora	<i>Acacia acronastes</i>	Pindari Wattle	E1
Flora	<i>Acacia atrox</i>	Myall Creek Wattle	E1
Flora	<i>Acacia ausfeldii</i>	Ausfeld's Wattle	V
Flora	<i>Acacia bakeri</i>	Marblewood	V
Flora	<i>Acacia baueri</i> subsp. <i>aspera</i>		V
Flora	<i>Acacia bynoeana</i>	Bynoe's Wattle	E1
Flora	<i>Acacia carneorum</i>	Purple-wood Wattle	V
Flora	<i>Acacia chrysotricha</i>	Newry Golden Wattle	E1
Flora	<i>Acacia clunies-rossiae</i>	Kanangra Wattle	V
Flora	<i>Acacia constablei</i>	Narrabarba Wattle	V
Flora	<i>Acacia courtii</i>	North Brother Wattle	V
Flora	<i>Acacia curranii</i>	Curly-bark Wattle	V
Flora	<i>Acacia dangarensis</i>		E1
Flora	<i>Acacia flocktoniae</i>	Flockton Wattle	V
Flora	<i>Acacia georgensis</i>	Bega Wattle	V
Flora	<i>Acacia gordonii</i>		E1
Flora	<i>Acacia jucunda</i>	Yetman Wattle	E1
Flora	<i>Acacia macnuttiana</i>	MacNutt's Wattle	E1
Flora	<i>Acacia notabilis</i>	Mallee Golden Wattle	E1
Flora	<i>Acacia petraea</i>	Lancewood	E1
Flora	<i>Acacia phasmoides</i>	Phantom Wattle	V
Flora	<i>Acacia pubescens</i>	Downy Wattle	V
Flora	<i>Acacia pubifolia</i>	Velvet Wattle	E1
Flora	<i>Acacia pycnostachya</i>	Bolivia Wattle	V
Flora	<i>Acacia rivalis</i>	Creek Wattle	E1
Flora	<i>Acacia ruppii</i>	Rupp's Wattle	E1
Flora	<i>Acacia terminalis</i> subsp. <i>terminalis</i>	Sunshine Wattle	E1
Flora	<i>Acalypha eremorum</i>	Acalypha	E1
Flora	<i>Acanthocladium dockeri</i>	Spiny Everlasting	E4
Flora	<i>Acronychia littoralis</i>	Scented Acronychia	E1
Flora	<i>Acrophyllum australe</i>		V
Mammal	<i>Aepyprymnus rufescens</i>	Rufous Bettong	V
Flora	<i>Aldrovanda vesiculosa</i>	Waterwheel Plant	E1
Flora	<i>Alexfloydia repens</i>	Floyd's Grass	E1
Flora	<i>Allocasuarina defungens</i>	Dwarf Heath Casuarina	E1
Flora	<i>Allocasuarina glareicola</i>		E1
Flora	<i>Allocasuarina portuensis</i>	Nielsen Park She-oak	E1
Flora	<i>Allocasuarina simulans</i>	Nabiac Casuarina	V

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Almaleea cambagei</i>	Torrington Pea	E1
Bird	<i>Amaurornis olivaceus</i>	Bush-hen	V
Flora	<i>Ammobium craspedioides</i>	Yass Daisy	V
Flora	<i>Amorphospermum whitei</i>	Rusty Plum	V
Flora	<i>Amperea xiphoclada</i> var. <i>pedicellata</i>		E4
Flora	<i>Amphibromus fluitans</i>	Floating Swamp Wallaby-grass	V
Flora	<i>Amyema plicatula</i>		E1
Bird	<i>Amytornis barbatus barbatus</i>	Grey Grasswren	E1
Bird	<i>Amytornis striatus</i>	Striated Grasswren	V
Bird	<i>Amytornis textilis modestus</i>	Thick-billed Grasswren (eastern subspecies)	E1
Flora	<i>Ancistrachne maidenii</i>		V
Flora	<i>Angiopteris evecta</i>	Giant Fern	E1
Flora	<i>Angophora exul</i>	Gibraltar Rock Apple	E1
Flora	<i>Angophora inopina</i>	Charmhaven Apple	V
Flora	<i>Angophora robur</i>	Sandstone Rough-barked Apple	V
Reptile	<i>Anomalopus mackayi</i>	Five-clawed Worm-skink	E1
Bird	<i>Anseranas semipalmata</i>	Magpie Goose	V
Mammal	<i>Antechinomys laniger</i>	Kultarr	E1
Flora	<i>Aphanes pentamera</i>		E4
Bird	<i>Aplonis fusca hulliana</i>	Tasman Starling (Lord Howe Is. subsp.)	E4
Flora	<i>Aponogeton queenslandicus</i>		E1
Reptile	<i>Aprasia inaurita</i>	Mallee Worm-lizard	E1
Reptile	<i>Aprasia parapulchella</i>	Pink-tailed Legless Lizard	V
Invertebrate	<i>Archaeophya adamsi</i>	Adams emerald dragonfly	E1
Flora	<i>Archidendron hendersonii</i>	White Lace Flower	V
Mammal	<i>Arctocephalus forsteri</i>	New Zealand Fur-seal	V
Mammal	<i>Arctocephalus pusillus doriferus</i>	Australian Fur-seal	V
Bird	<i>Ardeotis australis</i>	Australian Bustard	E1
Invertebrate	<i>Argyreus hyperbius</i>	Laced Fritillary or Australian Fritillary	E1
Flora	<i>Arthraxon hispidus</i>	Hairy Jointgrass	V
Flora	<i>Arthropteris palisotii</i>	Lesser Creeping Fern	E1
Flora	<i>Asperula asthenes</i>	Trailing Woodruff	V
Reptile	<i>Aspidites ramsayi</i>	Woma	V
Amphibian	<i>Assa darlingtoni</i>	Pouched Frog	V
Flora	<i>Asterolasia buxifolia</i>		E1
Flora	<i>Asterolasia elegans</i>		E1
Flora	<i>Asterolasia</i> sp. "Dungowan Creek"	Dungowan Starbush	E1
Flora	<i>Astrotricha cordata</i>	Heart-leaved Star Hair	E1
Flora	<i>Astrotricha crassifolia</i>	Thick-leaf Star-hair	V
Flora	<i>Astrotricha roddii</i>	Rod's Star Hair	E1
Flora	<i>Astrotricha</i> sp. Wallagaraugh		E1
Bird	<i>Atrichornis rufescens</i>	Rufous Scrub-bird	V
Flora	<i>Atriplex acutiloba</i>		E4
Flora	<i>Atriplex infrequens</i>	A saltbush	V
Flora	<i>Atriplex sturtii</i>	A saltbush	E1
Invertebrate	<i>Austrocordulia leonardi</i>	Sydney hawk dragonfly	E1
Flora	<i>Austrostipa metatoris</i>	A spear-grass	V
Flora	<i>Austrostipa nullanulla</i>	A spear-grass	E1
Flora	<i>Austrostipa wakoolica</i>	A spear-grass	E1
Flora	<i>Babingtonia granitica</i>		V
Flora	<i>Babingtonia prominens</i>	Nymboida Babingtonia	E1
Flora	<i>Babingtonia silvestris</i>	Woodland Babingtonia	E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Baeckea kandos</i>		E1
Mammal	<i>Balaenoptera musculus</i>	Blue Whale	E1
Flora	<i>Baloghia marmorata</i>	Jointed Baloghia	V
Flora	<i>Baloskion longipes</i>	Dense Cord-rush	V
Flora	<i>Banksia conferta</i> subsp. <i>conferta</i>		E4A
Flora	<i>Belvisia mucronata</i>	Needle-leaf Fern	E1
Flora	<i>Bertya ingramii</i>	Narrow-leaved Bertya	E1
Flora	<i>Bertya</i> sp. (Chambigne NR,M Fatemi 24)		E1
Flora	<i>Bertya</i> sp. A Cobar-Coolabah	Coolabah Bertya	V
Mammal	<i>Bettongia gaimardi</i>	Tasmanian Bettong	E4
Mammal	<i>Bettongia lesueur graii</i>	Boodie, Burrowing Bettong (mainland)	E4
Mammal	<i>Bettongia penicillata penicillata</i>	Brush-tailed Bettong (South-East Mainland)	E4
Mammal	<i>Bettongia tropica</i>	Northern Bettong	E4
Fish	<i>Bidyanus bidyanus</i>	Silver perch	V
Flora	<i>Blumea lacera</i>		E4
Flora	<i>Boronia boliviensis</i>	Bolivia Hill Boronia	E1
Flora	<i>Boronia deanei</i>	Deane's Boronia	V
Flora	<i>Boronia granitica</i>	Granite Boronia	V
Flora	<i>Boronia hapalophylla</i>	Shannon Creek Boronia	E1
Flora	<i>Boronia repanda</i>	Granite Rose	E1
Flora	<i>Boronia ruppilii</i>	Rupp's Boronia	E1
Flora	<i>Boronia umbellata</i>	Orara Boronia	V
Flora	<i>Bosistoa selwynii</i>	Heart-leaved Bonewood	V
Flora	<i>Bosistoa transversa</i>	Yellow Satinheart	V
Flora	<i>Bossiaea oligosperma</i>	Few-seeded Bossiaea	V
Bird	<i>Botaurus poiciloptilus</i>	Australasian Bittern	V
Flora	<i>Brachycome muelleroides</i>	Claypan Daisy	V
Flora	<i>Brachycome papillosa</i>	Mossgiel Daisy	V
Flora	<i>Brachyscome ascendens</i>	Border Ranges Daisy	E1
Invertebrate	<i>Branchinella buchananensis</i>	Buchanans fairy shrimp	V
Flora	<i>Budawangia gnidioides</i>	Budawangs Cliff-heath	V
Flora	<i>Bulbophyllum globuliforme</i>		V
Bird	<i>Burhinus grallarius</i>	Bush Stone-curlew	E1
Mammal	<i>Burramys parvus</i>	Mountain Pygmy-possum	E1
Bird	<i>Cacatua leadbeateri</i>	Major Mitchell's Cockatoo	V
Reptile	<i>Cacophis harriettae</i>	White-crowned Snake	V
Flora	<i>Cadellia pentastylis</i>	Ooline	V
Flora	<i>Caesalpinia bonduc</i>	Knicker Nut	E1
Flora	<i>Caesia parviflora</i> var. <i>minor</i>	Small Pale Grass-lily	E1
Flora	<i>Caladenia arenaria</i>	Sand-hill Spider Orchid	E1
Flora	<i>Caladenia concolor</i>	Crimson Spider Orchid	E1
Flora	<i>Caladenia porphyrea</i>		E1
Flora	<i>Caladenia rosella</i>	Rosella Spider Orchid	E4
Flora	<i>Caladenia tessellata</i>	Thick Lip Spider Orchid	E1
Bird	<i>Calamanthus fuliginosus</i>	Striated Fieldwren	V
Bird	<i>Calidris alba</i>	Sanderling	V
Bird	<i>Calidris tenuirostris</i>	Great Knot	V
Flora	<i>Callistemon linearifolius</i>	Netted Bottle Brush	V
Flora	<i>Callitriche cyclocarpa</i>	Western Water-starwort	V
Flora	<i>Callitris baileyi</i>	Bailey's Cypress Pine	E1
Flora	<i>Callitris oblonga</i>	Pygmy Cypress Pine	V
Bird	<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	V
Flora	<i>Calochilus pulchellus</i>		E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Calophanoides hygrophiloides</i>	Native Justicia	E1
Flora	<i>Calotis glandulosa</i>	Mauve Burr-daisy	V
Flora	<i>Calotis moorei</i>	A burr-daisy	E1
Flora	<i>Calotis pubescens</i>	Max Mueller's Burr-daisy	E1
Bird	<i>Calyptorhynchus banksii</i>	Red-tailed Black-Cockatoo	V
Bird	<i>Calyptorhynchus lathami</i>	Glossy Black-Cockatoo	V
Flora	<i>Calystegia affinis</i>		E1
Fungi	<i>Camarophyllopsis kearneyi</i>		E1
Flora	<i>Capparis canescens</i>	Wild Orange	E1
Flora	<i>Capparis loranthifolia</i> var. <i>loranthifolia</i>	Narrow-leafed Bumble	E1
Fish	<i>Carcharias taurus</i>	Grey nurse shark	E4a
Fish	<i>Carcharodon carcharias</i>	Great white shark	V
Reptile	<i>Caretta caretta</i>	Loggerhead Turtle	E1
Flora	<i>Carex archeri</i>	Archer's Carex	E1
Flora	<i>Carex klaphakei</i>	Klaphake's Sedge	E1
Flora	<i>Carex raleighii</i>	Raleigh Sedge	E1
Flora	<i>Carmichaelia exsul</i>		E1
Flora	<i>Cassia brewsteri</i> var. <i>marksiana</i>	Brush Cassia	E1
Flora	<i>Casuarina obesa</i>	Swamp She-oak	E1
Flora	<i>Centranthera cochinchinensis</i>	Swamp Foxglove	E1
Mammal	<i>Cercartetus concinnus</i>	Western Pygmy Possum	E1
Mammal	<i>Cercartetus nanus</i>	Eastern Pygmy-possum	V
Bird	<i>Certhionyx variegatus</i>	Pied Honeyeater	V
Mammal	<i>Chaeropus ecaudatus</i>	Pig-footed Bandicoot	E4
Mammal	<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	V
Mammal	<i>Chalinolobus nigrogriseus</i>	Hoary Wattled Bat	V
Mammal	<i>Chalinolobus picatus</i>	Little Pied Bat	V
Flora	<i>Chamaesyce psammogeton</i>	Sand Spurge	E1
Bird	<i>Charadrius leschenaultii</i>	Greater Sand-plover	V
Bird	<i>Charadrius mongolus</i>	Lesser Sand-plover	V
Flora	<i>Cheilanthes sieberi</i> subsp. <i>pseudovellea</i>		E1
Reptile	<i>Chelonia mydas</i>	Green Turtle	V
Flora	<i>Chiloglottis anaticeps</i>	Bird Orchid	E1
Flora	<i>Chiloglottis platyptera</i>	Barrington Tops Ant Orchid	V
Flora	<i>Choricarpia subargentea</i>	Giant Ironwood	E1
Reptile	<i>Christinus guentheri</i>	Lord Howe Island Southern Gecko	V
Bird	<i>Cinclosoma castanotus</i>	Chestnut Quail-thrush	V
Flora	<i>Clematis fawcettii</i>	Northern Clematis	V
Bird	<i>Climacteris picumnus victoriae</i>	Brown Treecreeper (eastern subspecies)	V
Flora	<i>Codonocarpus pyramidalis</i>		E4
Reptile	<i>Coeranoscincus reticulatus</i>	Three-toed Snake-tooth Skink	V
Bird	<i>Columba vitiensis godmanae</i>	White-throated Pigeon (Lord Howe Is. subsp.)	E4
Flora	<i>Comesperma scoparium</i>		E4
Flora	<i>Commersonia rosea</i>		E1
Mammal	<i>Conilurus albipes</i>	White-footed Tree-rat	E4
Flora	<i>Convolvulus tedmoorei</i>	Bindweed	E1
Flora	<i>Coprosma inopinata</i>		E1
Bird	<i>Coracina lineata</i>	Barred Cuckoo-shrike	V
Flora	<i>Corchorus cunninghamii</i>	Native Jute	E1
Flora	<i>Corokia whiteana</i>	Corokia	V
Flora	<i>Correa baeuerlenii</i>	Chef's Cap Correa	V
Flora	<i>Correa lawrenciana</i> var. <i>genoensis</i>	Genoa River Correa	E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Corybas dowlingii</i>		E1
Flora	<i>Corynocarpus rupestris</i> subsp. <i>rupestris</i>	Glenugie Karaka	V
Fish	<i>Craterocephalus fluviatilis</i>	Murray hardyhead	E4a
Flora	<i>Cratystylis conocephala</i>	Bluebush Daisy	E1
Amphibian	<i>Crinia sloanei</i>	Sloane's Froglet	V
Amphibian	<i>Crinia tinnula</i>	Wallum Froglet	V
Flora	<i>Crotalaria cunninghamii</i>	Parrot Pea	E1
Flora	<i>Cryptocarya foetida</i>	Stinking Cryptocarya	V
Flora	<i>Cryptostylis hunteriana</i>	Leafless Tongue Orchid	V
Reptile	<i>Ctenophorus decresii</i>	Tawny Crevice-dragon	E1
Reptile	<i>Ctenotus brooksi</i>	Wedgesnout Ctenotus	V
Reptile	<i>Ctenotus pantherinus ocellifer</i>	Leopard Ctenotus	E1
Flora	<i>Cullen parvum</i>	Small Scurf-pea	E1
Flora	<i>Cupaniopsis serrata</i>	Smooth Tuckeroo	E1
Bird	<i>Cyanoramphus novaezelandiae subflavescens</i>	Red-crowned Parakeet (Lord Howe Is. subsp.)	E4
Reptile	<i>Cyclodina lichenigera</i>	Lord Howe Island Skink	V
Reptile	<i>Cyclodomorphus melanops elongatus</i>	Mallee Slender Blue-tongue Lizard	E1
Reptile	<i>Cyclodomorphus venustus</i>		E1
Bird	<i>Cyclopsitta diophthalma coxeni</i>	Double-eyed Fig-parrot	E1
Flora	<i>Cynanchum elegans</i>	White-flowered Wax Plant	E1
Flora	<i>Cyperus aquatilis</i>	Water Nutgrass	E1
Flora	<i>Cyperus conicus</i>		E1
Flora	<i>Cyperus rupicola</i>	Cliff Sedge	V
Flora	<i>Cyperus semifertilis</i>	Missionary Nutgrass	E1
Flora	<i>Dampiera fusca</i>		E1
Flora	<i>Daphnandra</i> sp. C Illawarra	Illawarra Socketwood	E1
Flora	<i>Darwinia biflora</i>		V
Flora	<i>Darwinia glaucophylla</i>		V
Flora	<i>Darwinia peduncularis</i>		V
Mammal	<i>Dasyercus cristicauda</i>	Mulgara	E4
Bird	<i>Dasyornis brachypterus</i>	Eastern Bristlebird	E1
Mammal	<i>Dasyurus geoffroii</i>	Western Quoll	E4
Mammal	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	V
Mammal	<i>Dasyurus viverrinus</i>	Eastern Quoll	E1
Flora	<i>Davidsonia jerseyana</i>	Davidson's Plum	E1
Flora	<i>Davidsonia johnsonii</i>	Smooth Davidson's Plum	E1
Reptile	<i>Delma australis</i>	Marble-faced Delma	E1
Reptile	<i>Delma impar</i>	Striped Legless Lizard	V
Reptile	<i>Demansia torquata</i>	Collared Whip Snake	V
Flora	<i>Dendrobium melaleucaphilum</i>	Spider orchid	E1
Flora	<i>Dendrocide moroides</i>	Gympie Stinger	E1
Flora	<i>Dentella minutissima</i>		E1
Reptile	<i>Dermochelys coriacea</i>	Leathery Turtle	V
Flora	<i>Derwentia blakelyi</i>		V
Flora	<i>Desmodium acanthocladum</i>	Thorny Pea	V
Flora	<i>Desmodium campylocaulon</i>	Creeping Tick-trefoil	E1
Flora	<i>Deyeuxia appressa</i>		E1
Flora	<i>Dichanthium setosum</i>	Bluegrass	V
Flora	<i>Digitaria porrecta</i>	Finger Panic Grass	E1
Flora	<i>Dillwynia glaucula</i>	Michelago Parrot-pea	E1
Flora	<i>Dillwynia tenuifolia</i>		V
Bird	<i>Diomedea antipodensis</i>	Antipodean Albatross	V

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Bird	<i>Diomedea exulans</i>	Wandering Albatross	E1
Bird	<i>Diomedea gibsoni</i>	Gibson's Albatross	V
Flora	<i>Diospyros mabacea</i>	Red-fruited Ebony	E1
Flora	<i>Diospyros major</i> var. <i>ebenus</i>	Shiny-leaved Ebony	E1
Reptile	<i>Diplodactylus conspicillatus</i>	Fat-tailed Diplodactylus	E1
Reptile	<i>Diplodactylus elderi</i>	Jewelled Gecko	V
Reptile	<i>Diplodactylus stenodactylus</i>	Crowned Gecko	V
Flora	<i>Diploglottis campbellii</i>	Small-leaved Tamarind	E1
Flora	<i>Dipteracanthus australasicus</i> subsp. <i>corynothecus</i>		E1
Flora	<i>Discaria nitida</i>	Leafy Anchor Plant	V
Flora	<i>Distichlis distichophylla</i>	Australian Saltgrass	E1
Flora	<i>Diuris aequalis</i>	Buttercup Doubletail	E1
Flora	<i>Diuris arenaria</i>	Sand Doubletail	E1
Flora	<i>Diuris bracteata</i>		E1
Flora	<i>Diuris disposita</i>	Willawarrin Doubletail	E1
Flora	<i>Diuris flavescens</i>	Pale Yellow Doubletail	E1
Flora	<i>Diuris ochroma</i>	Pale Golden Moths	E1
Flora	<i>Diuris pedunculata</i>	Small Snake Orchid	E1
Flora	<i>Diuris praecox</i>	Rough Double Tail	V
Flora	<i>Diuris</i> sp. (Oaklands, D.L.Jones 5380)	Oaklands Diuris	E1
Flora	<i>Diuris</i> sp. aff. <i>chrysantha</i>	Byron Bay Diuris	E1
Flora	<i>Diuris tricolor</i>	Pine Donkey Orchid	V
Flora	<i>Diuris venosa</i>	Veined Doubletail	V
Flora	<i>Dodonaea microzyga</i> var. <i>microzyga</i>	Brilliant Hopbush	E1
Flora	<i>Dodonaea procumbens</i>	Creeping Hop-bush	V
Flora	<i>Dodonaea sinuolata</i> subsp. <i>acrodentata</i>	A Hopbush	E1
Flora	<i>Dodonaea stenophylla</i>		E4
Flora	<i>Dodonaea stenozyga</i>	Desert Hopbush	E1
Flora	<i>Doryanthes palmeri</i>	Giant Spear Lily	V
Flora	<i>Dracophyllum macranthum</i>		V
Bird	<i>Drymodes brunneopygia</i>	Southern Scrub-robin	V
Flora	<i>Drynaria rigidula</i>	Basket Fern	E1
Invertebrate	<i>Dryococelus australis</i>	Lord Howe Island Phasmid	E1
Mammal	<i>Dugong dugon</i>	Dugong	E1
Flora	<i>Dysphania plantaginella</i>		E1
Flora	<i>Dysphania platycarpa</i>		E1
Reptile	<i>Echiopsis curta</i>	Bardick	E1
Flora	<i>Eidothea hardeniana</i>	Nightcap Oak	E1
Flora	<i>Elaeocarpus</i> sp. Rocky Creek	Minyon Quandong	E1
Flora	<i>Elaeocarpus williamsianus</i>	Hairy Quandong	E1
Flora	<i>Eleocharis obicis</i>	Spike-Rush	V
Flora	<i>Eleocharis tetraquetra</i>	Square-stemmed Spike-rush	E1
Reptile	<i>Elseya belli</i>	Bell's Turtle	V
Flora	<i>Elyonurus citreus</i>	Lemon-scented Grass	E1
Reptile	<i>Emydura macquarii</i> (Bellinger River Form)	Bellinger River Emydura	V
Flora	<i>Endiandra floydii</i>	Crystal Creek Walnut	E1
Flora	<i>Endiandra hayesii</i>	Rusty Rose Walnut	V
Flora	<i>Endiandra muelleri</i> subsp. <i>bracteata</i>	Green-leaved Rose Walnut	E1
Flora	<i>Epacris hamiltonii</i>		E1
Flora	<i>Epacris purpurascens</i> var. <i>purpurascens</i>		V
Flora	<i>Epacris sparsa</i>	Sparse Heath	V
Bird	<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork	E1

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Fish	<i>Epinephelus daemeli</i>	Black cod	V
Flora	<i>Eriocaulon australasicum</i>	Austral Pipewort	E1
Flora	<i>Eriocaulon carsonii</i>	Salt Pipewort	E1
Flora	<i>Erodiochrysalis eldersonii</i>	Koonamore Daisy	E1
Bird	<i>Erythrotriorchis radiatus</i>	Red Goshawk	E1
Bird	<i>Esacus neglectus</i>	Beach Stone-curlew	E1
Mammal	<i>Eubalaena australis</i>	Southern Right Whale	V
Flora	<i>Eucalyptus alligatrix</i> subsp. <i>miscella</i>		V
Flora	<i>Eucalyptus approximans</i>	Barren Mountain Mallee	V
Flora	<i>Eucalyptus aquatica</i>	Broad-leaved Sally	V
Flora	<i>Eucalyptus benthamii</i>	Camden White Gum	V
Flora	<i>Eucalyptus boliviana</i>	Bolivia Stringybark	V
Flora	<i>Eucalyptus caleyi</i> subsp. <i>ovendenii</i>	Ovenden's Ironbark	V
Flora	<i>Eucalyptus camfieldii</i>	Heart-leaved Stringybark	V
Flora	<i>Eucalyptus camphora</i> subsp. <i>relicta</i>	Warra Broad-leaved Sally	E1
Flora	<i>Eucalyptus cannonii</i>	Capertee Stringybark	V
Flora	<i>Eucalyptus canobolensis</i>	Silver-Leaf Candlebark	V
Flora	<i>Eucalyptus castrensis</i>	Singleton Mallee	E1
Flora	<i>Eucalyptus copulans</i>		E1
Flora	<i>Eucalyptus corticosa</i>		V
Flora	<i>Eucalyptus dissita</i>	Gibraltar Mallee	V
Flora	<i>Eucalyptus fracta</i>	Broken Back Ironbark	V
Flora	<i>Eucalyptus glaucina</i>	Slaty Red Gum	V
Flora	<i>Eucalyptus imlayensis</i>	Imlay Mallee	E1
Flora	<i>Eucalyptus kartzoffiana</i>	Araluen Gum	V
Flora	<i>Eucalyptus langleyi</i>	Albatross Mallee	V
Flora	<i>Eucalyptus leucoxyloides</i> subsp. <i>pruinosa</i>	Yellow Gum	V
Flora	<i>Eucalyptus macarthurii</i>	Camden Woollybutt	V
Flora	<i>Eucalyptus magnificata</i>	Northern Blue Box	E1
Flora	<i>Eucalyptus mckieana</i>	McKie's Stringybark	V
Flora	<i>Eucalyptus microcodon</i>	Border Mallee	E1
Flora	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	V
Flora	<i>Eucalyptus oresbia</i>	Small-fruited Mountain Gum	V
Flora	<i>Eucalyptus pachycalyx</i> subsp. <i>banyabba</i>	Banyabba Shiny-barked Gum	E1
Flora	<i>Eucalyptus parramattensis</i> subsp. <i>decadens</i>		V
Flora	<i>Eucalyptus parvula</i>	Small-leaved Gum	V
Flora	<i>Eucalyptus pulverulenta</i>	Silver-leafed Gum	V
Flora	<i>Eucalyptus pumila</i>	Pokolbin Mallee	V
Flora	<i>Eucalyptus recurva</i>	Mongarlowe Mallee	E1
Flora	<i>Eucalyptus robertsonii</i> subsp. <i>hemisphaerica</i>	Robertson's Peppermint	V
Flora	<i>Eucalyptus rubida</i> subsp. <i>barbigerorum</i>	Blackbutt Candlebark	V
Flora	<i>Eucalyptus saxatilis</i>	Suggan Buggan Mallee	E1
Flora	<i>Eucalyptus saxicola</i>	Mt Canobolas Box	E1
Flora	<i>Eucalyptus scoparia</i>	Wallangarra White Gum	E1
Flora	<i>Eucalyptus</i> sp. <i>Cattai</i>		E1
Flora	<i>Eucalyptus</i> sp. <i>Howes Swamp Creek</i>		E1
Flora	<i>Eucalyptus sturgissiana</i>	Ettrema Mallee	V
Flora	<i>Eucalyptus tetrapleura</i>	Square-fruited Ironbark	V
Flora	<i>Euchiton nitidulus</i>	Shining Cudweed	V
Reptile	<i>Eulamprus leuraensis</i>	Blue Mountains Water skink	E1
Flora	<i>Euphorbia sarcostemmoides</i>	Climbing Caustic	E1
Flora	<i>Euphrasia arguta</i>		E4
Flora	<i>Euphrasia bella</i>	Pretty Eyebright	V

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Flora	<i>Euphrasia bowdeniae</i>		V
Flora	<i>Euphrasia ciliolata</i>	Polblue Eyebright	V
Flora	<i>Euphrasia collina</i> subsp. <i>muelleri</i>	Mueller's Eyebright	E1
Flora	<i>Euphrasia orthocheila</i> subsp. <i>peraspera</i>	Tenterfield Eyebright	E1
Flora	<i>Euphrasia ruptura</i>		E4
Flora	<i>Euphrasia scabra</i>	Rough Eyebright	E1
Bird	<i>Falco hypoleucos</i>	Grey Falcon	V
Mammal	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	V
Flora	<i>Floydia praealta</i>	Ball Nut	V
Flora	<i>Fontainea australis</i>	Southern Fontainea	V
Flora	<i>Fontainea oraria</i>	Coastal Fontainea	E4A
Bird	<i>Fregetta grallaria</i>	White-bellied Storm-Petrel	V
Flora	<i>Galium australe</i>	Tangled Bedstraw	E1
Bird	<i>Gallirallus sylvestris</i>	Lord Howe Woodhen	E1
Flora	<i>Gaultheria viridicarpa</i> subsp. <i>merinoensis</i>		V
Flora	<i>Gaultheria viridicarpa</i> subsp. <i>viridicarpa</i>	Green Waxberry	V
Flora	<i>Geijera paniculata</i>	Axe-Breaker	E1
Flora	<i>Geniostoma huttonii</i>		E1
Flora	<i>Genoplesium baueri</i>	Bauer's Midge Orchid	V
Flora	<i>Genoplesium insignis</i>	Variable Midge Orchid	E1
Flora	<i>Genoplesium plumosum</i>	Tallong Midge Orchid	E4A
Flora	<i>Genoplesium rhyoliticum</i>	Rhyolite Midge Orchid	E1
Flora	<i>Genoplesium superbum</i>		E1
Flora	<i>Genoplesium vernale</i>	East Lynne Midge Orchid	V
Flora	<i>Gentiana baeuerlenii</i>	Baeuerlen's Gentian	E1
Flora	<i>Gentiana bredboensis</i>	Bredbo Gentian	E1
Flora	<i>Gentiana wingecarribiensis</i>	Wingecarribee Gentian	E1
Flora	<i>Gentiana wissmannii</i>	New England Gentian	V
Flora	<i>Geodorum densiflorum</i>	Pink Nodding Orchid	E1
Bird	<i>Geophaps scripta</i>	Squatter Pigeon	E1
Bird	<i>Gerygone igata insularis</i>	Grey Gerygone (Lord Howe Is. subsp.)	E4
Flora	<i>Gingidia montana</i>	Mountain Angelica	E1
Flora	<i>Glinus orygioides</i>		E4
Bird	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	V
Flora	<i>Goodenia occidentalis</i>	Western Goodenia	E1
Flora	<i>Goodenia</i> sp. 'Nocoleche'		E1
Flora	<i>Gossia fragrantissima</i>	Sweet Myrtle	E1
Flora	<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	E1
Bird	<i>Grantiella picta</i>	Painted Honeyeater	V
Flora	<i>Grevillea acanthifolia</i> subsp. <i>paludosa</i>	Bog Grevillea	E1
Flora	<i>Grevillea banyabba</i>	Banyabba Grevillea	V
Flora	<i>Grevillea beadleana</i>	Beadle's Grevillea	E1
Flora	<i>Grevillea caleyi</i>	Caley's Grevillea	E1
Flora	<i>Grevillea divaricata</i>		E1
Flora	<i>Grevillea evansiana</i>	Evans Grevillea	V
Flora	<i>Grevillea guthrieana</i>	Guthrie's Grevillea	E1
Flora	<i>Grevillea hilliana</i>	White Silky Oak/Yiel Yiel	E1
Flora	<i>Grevillea iaspicula</i>	Wee Jasper Grevillea	E1
Flora	<i>Grevillea juniperina</i> subsp. <i>juniperina</i>	Juniper-leaved Grevillea	V
Flora	<i>Grevillea kennedyana</i>	Flame Spider Flower	V
Flora	<i>Grevillea masonii</i>	Mason's Grevillea	E1
Flora	<i>Grevillea mollis</i>	Soft Grevillea	E1

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Flora	<i>Grevillea molyneuxii</i>	Wingello Grevillea	V
Flora	<i>Grevillea nematophylla</i>	Silver-leaved Water Tree	E4
Flora	<i>Grevillea obtusiflora</i>		E1
Flora	<i>Grevillea parviflora</i> subsp. <i>parviflora</i>	Small-flower Grevillea	V
Flora	<i>Grevillea parviflora</i> subsp. <i>supplicans</i>		E1
Flora	<i>Grevillea quadricauda</i>	Four-tailed Grevillea	V
Flora	<i>Grevillea renwickiana</i>	Nerriga Grevillea	E1
Flora	<i>Grevillea rhizomatosa</i>	Gibraltar Grevillea	V
Flora	<i>Grevillea rivularis</i>	Carrington Falls Grevillea	E1
Flora	<i>Grevillea scortechinii</i> subsp. <i>sarmentosa</i>	Backwater Grevillea	V
Flora	<i>Grevillea shiressii</i>		V
Flora	<i>Grevillea wilkinsonii</i>	Tumut Grevillea	E1
Bird	<i>Grus rubicunda</i>	Brolga	V
Bird	<i>Gygis alba</i>	White Tern	V
Flora	<i>Gyrostemon thesioides</i>		E1
Bird	<i>Haematopus fuliginosus</i>	Sooty Oystercatcher	V
Bird	<i>Haematopus longirostris</i>	Pied Oystercatcher	V
Flora	<i>Hakea archaeoides</i>	Big Nellie Hakea	V
Flora	<i>Hakea dohertyi</i>	Kowmung Hakea	E1
Flora	<i>Hakea fraseri</i>	Gorge Hakea	V
Flora	<i>Hakea pulvinifera</i>	Lake Keepit Hakea	E1
Flora	<i>Hakea trineura</i>		V
Flora	<i>Haloragis exalata</i> subsp. <i>exalata</i>	Square Raspwort	V
Flora	<i>Haloragis exalata</i> subsp. <i>velutina</i>	Tall Velvet Sea-berry	V
Flora	<i>Haloragis stricta</i>		E4
Flora	<i>Haloragodendron lucasii</i>		E1
Bird	<i>Hamirostra melanosternon</i>	Black-breasted Buzzard	V
Flora	<i>Hedyotis galioides</i>	Sweet False Galium	E1
Amphibian	<i>Heleioporus australiacus</i>	Giant Burrowing Frog	V
Flora	<i>Hibbertia hexandra</i>	Tree Guinea Flower	E1
Flora	<i>Hibbertia marginata</i>	Bordered Guinea Flower	V
Flora	<i>Hibbertia procumbens</i>	Spreading Guinea Flower	E1
Flora	<i>Hibbertia puberula</i>		E1
Flora	<i>Hibbertia</i> sp. nov. 'Menai'		E1
Flora	<i>Hibbertia superans</i>		E1
Flora	<i>Hibbertia tenuifolia</i>		E1
Flora	<i>Hicksbeachia pinnatifolia</i>	Red Boppel Nut	V
Flora	<i>Homoranthus binghiensis</i>	Binghi Homoranthus	E1
Flora	<i>Homoranthus bornhardtensis</i>	Barraba Homoranthus	E1
Flora	<i>Homoranthus croftianus</i>	Bolivia Homoranthus	E1
Flora	<i>Homoranthus darwinioides</i>		V
Flora	<i>Homoranthus lunatus</i>	Crescent-leaved Homoranthus	V
Flora	<i>Homoranthus prolixus</i>	Granite Homoranthus	V
Reptile	<i>Hoplocephalus bitorquatus</i>	Pale-headed Snake	V
Reptile	<i>Hoplocephalus bungaroides</i>	Broad-headed Snake	E1
Reptile	<i>Hoplocephalus stephensii</i>	Stephens' Banded Snake	V
Invertebrate	<i>Hybomorphus melanosomus</i>	Lord Howe Island ground weevil	E4
Fungi	<i>Hygrocybe anomala</i> var. <i>ianthinomarginata</i>		V
Fungi	<i>Hygrocybe aurantipes</i>		V
Fungi	<i>Hygrocybe austropratensis</i>		E1
Fungi	<i>Hygrocybe collucera</i>		E1
Fungi	<i>Hygrocybe griseoramosa</i>		E1
Fungi	<i>Hygrocybe lanecovensis</i>		E1

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Fungi	<i>Hygrocybe reesia</i>		V
Fungi	<i>Hygrocybe rubronivea</i>		V
Bird	<i>Hylacola cauta</i>	Shy Heathwren	V
Flora	<i>Hypolepis elegans</i>		E4
Flora	<i>Hypsela sessiliflora</i>		E1
Flora	<i>Indigofera baileyi</i>	Bailey's Indigo	E1
Flora	<i>Indigofera efoliata</i>	Leafless Indigo	E1
Flora	<i>Indigofera helmsii</i>	Indigo	E1
Flora	<i>Indigofera leucotricha</i>	Silver Indigo	E1
Flora	<i>Indigofera longibractea</i>	Showy Indigo	E1
Flora	<i>Ipomoea diamantinensis</i>	Desert Cow-Vine	E1
Flora	<i>Ipomoea polymorpha</i>	Silky Cow-Vine	E1
Bird	<i>Irediparra gallinacea</i>	Comb-crested Jacana	V
Flora	<i>Irenepharsus magicus</i>	Elusive Cress	E1
Flora	<i>Irenepharsus trypherus</i>	Illawarra Irene	E1
Flora	<i>Isoglossa eranthemoides</i>	Isoglossa	E1
Mammal	<i>Isodon auratus auratus</i>	Golden Bandicoot (mainland)	E4
Mammal	<i>Isodon obesulus obesulus</i>	Southern Brown Bandicoot (eastern)	E1
Flora	<i>Isopogon fletcheri</i>	Fletcher's Drumstricks	V
Bird	<i>Ixobrychus flavicollis</i>	Black Bittern	V
Flora	<i>Kennedia retrorsa</i>		V
Mammal	<i>Kerivoula papuensis</i>	Golden-tipped Bat	V
Flora	<i>Kippistia suaedifolia</i>	Fleshy Minuria	E1
Flora	<i>Knoxia sumatrensis</i>		E4
Flora	<i>Kunzea cabbagei</i>	Cabbage Kunzea	V
Flora	<i>Kunzea rupestris</i>		V
Mammal	<i>Lagorchestes leporides</i>	Eastern Hare-wallaby	E4
Flora	<i>Lasiopetalum behrii</i>	Pink Velvet Bush	E1
Flora	<i>Lasiopetalum joyceae</i>		V
Flora	<i>Lasiopetalum longistamineum</i>		V
Mammal	<i>Lasiorhinus krefftii</i>	Northern Hairy-nosed Wombat	E4
Mammal	<i>Lasiorhinus latifrons</i>	Southern Hairy-nosed Wombat	E1
Flora	<i>Lastreopsis hispida</i>	Bristly Shield Fern	E1
Bird	<i>Lathamus discolor</i>	Swift Parrot	E1
Mammal	<i>Leggadina forresti</i>	Forrest's Mouse	V
Flora	<i>Leionema lachnaeoides</i>		E1
Flora	<i>Leionema ralstonii</i>	Ralston's Leionema	V
Flora	<i>Leionema sympetalum</i>	Rylstone Bell	V
Bird	<i>Leipoa ocellata</i>	Malleefowl	E1
Flora	<i>Lepiderema pulchella</i>	Fine-leaved Tuckeroo	V
Flora	<i>Lepidium aschersonii</i>	Spiny Peppercross	V
Flora	<i>Lepidium foliosum</i>		E4
Flora	<i>Lepidium hyssopifolium</i>	Aromatic Peppercross	E1
Flora	<i>Lepidium monoplocoides</i>	Winged Peppercross	E1
Flora	<i>Lepidium peregrinum</i>	Wandering Pepper Cress	E1
Flora	<i>Lepidium pseudopapillosum</i>		E1
Flora	<i>Lepidosperma evansianum</i>	Evans Sedge	V
Mammal	<i>Leporillus apicalis</i>	Lesser Stick-nest Rat	E4
Mammal	<i>Leporillus conditor</i>	Greater Stick-nest Rat	E4
Flora	<i>Leptorhynchus orientalis</i>	Lanky Buttons	E1
Flora	<i>Leptorhynchus waitzia</i>	Button Immortelle	E1
Flora	<i>Leptospermum deanei</i>		V

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Flora	<i>Leptospermum thompsonii</i>	Monga Tea Tree	V
Reptile	<i>Lerista xanthurus</i>	Yellow-tailed Plain Slider	V
Flora	<i>Leucopogon confertus</i>	Torrington Beard-heath	E1
Flora	<i>Leucopogon exolasius</i>	Woronora Beard-heath	V
Flora	<i>Leucopogon fletcheri</i> subsp. <i>fletcheri</i>		E1
Reptile	<i>Liasis stimsoni</i>	Stimson's Python	V
Bird	<i>Lichenostomus cratitius</i>	Purple-gaped Honeyeater	V
Bird	<i>Lichenostomus fasciularis</i>	Mangrove Honeyeater	V
Bird	<i>Limicola falcinellus</i>	Broad-billed Sandpiper	V
Bird	<i>Limosa limosa</i>	Black-tailed Godwit	V
Flora	<i>Lindernia alsinoides</i>	Noah's False Chickweed	E1
Flora	<i>Lindsaea brachypoda</i>	Short-footed Screw Fern	E1
Flora	<i>Lindsaea fraseri</i>	Fraser's Screw Fern	E1
Flora	<i>Lindsaea incisa</i>	Slender Screw Fern	E1
Amphibian	<i>Litoria aurea</i>	Green and Golden Bell Frog	E1
Amphibian	<i>Litoria booroolongensis</i>	Booroolong Frog	E1
Amphibian	<i>Litoria brevipalmata</i>	Green-thighed Frog	V
Amphibian	<i>Litoria castanea</i>	Yellow-spotted Tree frog	E1
Amphibian	<i>Litoria daviesae</i>	Davies' Tree Frog	V
Amphibian	<i>Litoria littlejohni</i>	Littlejohn's Tree Frog	V
Amphibian	<i>Litoria olongburensis</i>	Olongburra Frog	V
Amphibian	<i>Litoria piperata</i>	Peppered Frog	V
Amphibian	<i>Litoria raniformis</i>	Southern Bell Frog	E1
Amphibian	<i>Litoria spenceri</i>	Spotted Frog	E1
Amphibian	<i>Litoria subglandulosa</i>	Glandular Frog	V
Amphibian	<i>Litoria verreauxii alpina</i>	Alpine Tree Frog	E1
Bird	<i>Lophoictinia isura</i>	Square-tailed Kite	V
Flora	<i>Lysimachia vulgaris</i> var. <i>davurica</i>	Yellow Loosestrife	E1
Flora	<i>Macadamia tetraphylla</i>	Rough-shelled Bush Nut	V
Fish	<i>Maccullochella ikei</i>	Eastern Freshwater Cod	E1
Fish	<i>Maccullochella macquariensis</i>	Trout cod	E1
Fish	<i>Macquaria australasica</i>	Macquarie Perch	E1
Bird	<i>Macronectes giganteus</i>	Southern Giant Petrel	E1
Bird	<i>Macronectes halli</i>	Northern Giant-Petrel	V
Mammal	<i>Macropus dorsalis</i>	Black-striped Wallaby	E1
Mammal	<i>Macropus parma</i>	Parma Wallaby	V
Mammal	<i>Macrotis lagotis</i>	Bilby	E4
Flora	<i>Macrozamia humilis</i>	Inverell Cycad	E1
Flora	<i>Macrozamia johnsonii</i>	Johnson's Cycad	E1
Flora	<i>Maireana cheelii</i>	Chariot Wheels	V
Flora	<i>Maireana lanosa</i>		E4
Bird	<i>Manorina melanotis</i>	Black-eared Miner	E1
Flora	<i>Marsdenia longiloba</i>	Slender Marsdenia	E1
Mammal	<i>Mastacomys fuscus</i>	Broad-toothed Rat	V
Flora	<i>Maundia triglochinos</i>		V
Mammal	<i>Megaptera novaeangliae</i>	Humpback Whale	V
Flora	<i>Melaleuca biconvexa</i>	Biconvex Paperbark	V
Flora	<i>Melaleuca deanei</i>	Deane's Paperbark	V
Flora	<i>Melaleuca groveana</i>	Grove's Paperbark	V
Flora	<i>Melaleuca irbyana</i>	Weeping Paperbark	E1
Flora	<i>Melaleuca</i> sp. Megalong Valley	Megalong Valley Bottlebrush	V
Bird	<i>Melanodryas cucullata cucullata</i>	Hooded Robin (south-eastern form)	V
Flora	<i>Melichrus hirsutus</i>	Hairy Melichrus	E1

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Flora	Melichrus sp. Gibberagee	Narrow-leaf Melichrus	E1
Flora	Melicope vitiflora	Coast Euodia	E1
Bird	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	V
Bird	Menura alberti	Albert's Lyrebird	V
Invertebrate	Meridolum corneovirens	Cumberland Plain Land Snail	E1
Flora	Micromelum minutum		E4
Flora	Micromyrtus blakelyi		V
Flora	Micromyrtus grandis	Severn River Heath-myrtle	E1
Flora	Micromyrtus minutiflora		E1
Flora	Microstrobos fitzgeraldii	Blue Mountains Pine	E1
Flora	Microtis angusii	Angus's Onion Orchid	E1
Mammal	Miniopterus australis	Little Bentwing-bat	V
Mammal	Miniopterus schreibersii oceanensis	Eastern Bentwing-bat	V
Flora	Mitrasacme pygmaea	Pygmy Bishop's Hat	E1
Amphibian	Mixophyes balbus	Stuttering Frog	E1
Amphibian	Mixophyes fleayi	Fleay's Barred Frog	E1
Amphibian	Mixophyes iteratus	Giant Barred Frog	E1
Fish	Mogurnda adspersa	Purple Spotted Gudgeon	E1
Bird	Monarcha leucotis	White-eared Monarch	V
Flora	Monotaxis macrophylla	Large-leafed Monotaxis	E1
Flora	Monotoca rotundifolia	Trailing Monotoca	E1
Mammal	Mormopterus "Species 6"	Hairy-nosed Freetail Bat	E1
Mammal	Mormopterus beccarii	Beccari's Freetail-bat	V
Mammal	Mormopterus norfolkensis	Eastern Freetail-bat	V
Flora	Muehlenbeckia costata	Scrambling Lignum	V
Flora	Muellerina myrtifolia	Myrtle-leaf Mistletoe	E1
Mammal	Myotis adversus	Large-footed Myotis	V
Flora	Myriophyllum implicatum		E4
Mammal	Myrmecobius fasciatus	Numbat	E4
Fish	Nannoperca australis	Southern pygmy perch	E1
Fish	Nannoperca oxleyana	Oxleyan pygmy perch	E1
Flora	Nematolepis rhytidophylla	Nalbaugh Nematolepis	V
Flora	Neostelia spectabilis	Silver Sword Lily	V
Amphibian	Neobatrachus pictus	Painted Burrowing Frog	E1
Bird	Neochmia ruficauda	Star Finch	E4
Bird	Neophema chrysogaster	Orange-bellied Parrot	E4A
Bird	Neophema pulchella	Turquoise Parrot	V
Bird	Neophema splendida	Scarlet-chested Parrot	V
Algae	Nereia lophocladia	Marine brown alga	E4a
Bird	Nettapus coromandelianus	Cotton Pygmy-Goose	E1
Flora	Niemeyera chartacea		E1
Mammal	Ningai yvonneae	Southern Ningai	V
Bird	Ninox connivens	Barking Owl	V
Bird	Ninox novaeseelandiae albaria	Southern Boobook (Lord Howe Is. subsp.)	E4
Bird	Ninox strenua	Powerful Owl	V
Algae	Nitella partita		E1
Mammal	Notomys cervinus	Fawn Hopping-mouse	E4
Mammal	Notomys fuscus	Dusky Hopping-mouse	E1
Mammal	Notomys longicaudatus	Long-tailed Hopping-mouse	E4
Mammal	Notomys mitchellii	Mitchell's Hopping-mouse	E4
Invertebrate	Notopala sublineata	River snail	E1
Invertebrate	Nurus atlas	Atlas Rainforest Ground-beetle	E1

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Invertebrate	<i>Nurus brevis</i>	Shorter Rainforest Ground-beetle	E1
Mammal	<i>Nyctimene robinsoni</i>	Eastern Tube-nosed Bat	V
Mammal	<i>Nyctophilus bifax</i>	Eastern Long-eared Bat	V
Mammal	<i>Nyctophilus howensis</i>	Lord Howe Island Bat	E4
Mammal	<i>Nyctophilus timoriensis</i>	Eastern Long-eared Bat	V
Flora	<i>Oberonia complanata</i>	Yellow-flowered King of the Fairies	E1
Flora	<i>Oberonia titania</i>	Red-flowered King of the Fairies	V
Flora	<i>Ochrosia moorei</i>	Southern Ochrosia	E1
Invertebrate	<i>Ocybadistes knightorum</i>	Black Grass-dart Butterfly	E1
Reptile	<i>Oedura rhombifer</i>	Zigzag Velvet Gecko	E1
Flora	<i>Olax angulata</i>	Square-stemmed Olax	V
Flora	<i>Olearia cordata</i>		V
Flora	<i>Olearia flocktoniae</i>	Dorrigo Daisy Bush	E1
Flora	<i>Olearia oliganthera</i>		E4
Mammal	<i>Onychogalea fraenata</i>	Bridled Nailtail Wallaby	E4
Mammal	<i>Onychogalea lunata</i>	Crescent Nailtail Wallaby	E4
Flora	<i>Osteocarpum pentapterum</i>		E4
Flora	<i>Osteocarpum scleropterum</i>	Squash Bush	E1
Flora	<i>Owenia cepiodora</i>	Onion Cedar	V
Bird	<i>Oxyura australis</i>	Blue-billed Duck	V
Reptile	<i>Oxyuranus microlepidotus</i>	Fierce Snake	E4
Flora	<i>Ozothamnus tessellatus</i>		V
Bird	<i>Pachycephala inornata</i>	Gilbert's Whistler	V
Bird	<i>Pachycephala olivacea</i>	Olive Whistler	V
Bird	<i>Pachycephala pectoralis contempa</i>	Golden Whistler (Lord Howe Is. subsp.)	V
Bird	<i>Pachycephala rufogularis</i>	Red-lored Whistler	E1
Bird	<i>Pandion haliaetus</i>	Osprey	V
Invertebrate	<i>Panesthia lata</i>	Lord Howe Island wood-feeding cockroach	E1
Invertebrate	<i>Paralucia spinifera</i>	Bathurst Copper Butterfly	E1
Flora	<i>Parsonia dorrigoensis</i>	Milky Silkpod	V
Bird	<i>Pedionomus torquatus</i>	Plains-wanderer	E1
Mammal	<i>Perameles bougainville fasciata</i>	Western Barred Bandicoot (mainland)	E4
Invertebrate	<i>Pericryptodrilus nanus</i>	Lord Howe Earthworm	E1
Flora	<i>Peristeranthus hillii</i>	Brown Fairy-chain Orchid	V
Flora	<i>Persicaria elatior</i>	Tall Knotweed	V
Flora	<i>Persoonia acerosa</i>	Needle Geebung	V
Flora	<i>Persoonia bargoensis</i>	Bargo Geebung	E1
Flora	<i>Persoonia glaucescens</i>	Mittagong Geebung	E1
Flora	<i>Persoonia hindii</i>		E1
Flora	<i>Persoonia hirsuta</i>	Hairy Geebung	E1
Flora	<i>Persoonia laxa</i>		E4
Flora	<i>Persoonia marginata</i>	Clandulla Geebung	V
Flora	<i>Persoonia mollis</i> subsp. <i>maxima</i>		E1
Flora	<i>Persoonia nutans</i>	Nodding Geebung	E1
Flora	<i>Persoonia pauciflora</i>	North Rothbury Persoonia	E4A
Invertebrate	<i>Petalura gigantea</i>	Giant Dragonfly	E1
Invertebrate	<i>Petalura litorea</i>	Coastal Petaltail	E1
Mammal	<i>Petaurus australis</i>	Yellow-bellied Glider	V
Mammal	<i>Petaurus norfolcensis</i>	Squirrel Glider	V
Mammal	<i>Petrogale penicillata</i>	Brush-tailed Rock-wallaby	E1
Mammal	<i>Petrogale xanthopus</i>	Yellow-footed Rock-wallaby	E1
Bird	<i>Petroica rodinogaster</i>	Pink Robin	V
Bird	<i>Pezoporus occidentalis</i>	Night Parrot	E4

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Bird	<i>Pezoporus wallicus wallicus</i>	Eastern Ground Parrot	V
Bird	<i>Phaethon rubricauda</i>	Red-tailed Tropicbird	V
Flora	<i>Phaius australis</i>	Southern Swamp Orchid	E1
Flora	<i>Phaius tankarvilleae</i>	Lady Tankarville's Swamp Orchid	E1
Bird	<i>Phaps histrionica</i>	Flock Bronzewing	E1
Mammal	<i>Phascogale calura</i>	Red-tailed Phascogale	E4
Mammal	<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale	V
Mammal	<i>Phascolarctos cinereus</i>	Koala	V
Flora	<i>Phebalium bifidum</i>		E1
Flora	<i>Phebalium glandulosum</i> subsp. <i>eglandulosum</i>	Rusty Desert Phebalium	E1
Amphibian	<i>Philoria kundagungan</i>	Mountain Frog	E1
Amphibian	<i>Philoria loveridgei</i>	Loveridge's Frog	E1
Amphibian	<i>Philoria pughi</i>		E1
Amphibian	<i>Philoria richmondensis</i>		E1
Amphibian	<i>Philoria sphagnicolus</i>	Sphagnum Frog	V
Flora	<i>Philotheca angustifolia</i> subsp. <i>angustifolia</i>		E4
Flora	<i>Philotheca ericifolia</i>		V
Flora	<i>Philotheca myoporoides</i> subsp. <i>obovatifolia</i>	Mountain Wax-flower	E1
Bird	<i>Phoebetria fusca</i>	Sooty Albatross	V
Flora	<i>Phyllanthus maderaspatanus</i>	<i>Phyllanthus maderaspatensis</i>	E1
Flora	<i>Phyllanthus microcladus</i>	Brush Sauropus	E1
Invertebrate	<i>Phyllodes imperialis</i> southern subspecies	Pink Underwing Moth	E1
Flora	<i>Phyllota humifusa</i>	Dwarf Phyllota	V
Mammal	<i>Physeter macrocephalus</i>	Sperm Whale	V
Flora	<i>Picris evae</i>	Hawkweed	V
Flora	<i>Pilularia novae-hollandiae</i>	Austral Pillwort	E1
Flora	<i>Pimelea axiflora</i> subsp. <i>pubescens</i>		E1
Flora	<i>Pimelea curviflora</i> var. <i>curviflora</i>		V
Flora	<i>Pimelea elongata</i>	Rice Flower	E1
Flora	<i>Pimelea serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme Rice-Flower	E1
Flora	<i>Pimelea spicata</i>	Spiked Rice-flower	E1
Flora	<i>Pimelea venosa</i>	Bolivia Hill Pimelea	E1
Invertebrate	<i>Placostylus bivaricosus</i>	Lord Howe Placostylus	E1
Mammal	<i>Planigale maculata</i>	Common Planigale	V
Flora	<i>Platyzoma microphyllum</i>	Braid Fern	E1
Flora	<i>Plectranthus alloplectus</i>	Narrow-leaved Plectranthus	E1
Flora	<i>Plectranthus nitidus</i>	Nightcap Plectranthus	E1
Flora	<i>Plinthanthesis rodwayi</i>	Budawangs Wallaby Grass	E1
Bird	<i>Podargus ocellatus</i>	Marbled Frogmouth	V
Bird	<i>Poephila cincta cincta</i>	Black-throated Finch (southern subspecies)	E1
Flora	<i>Polycarpaea spirostylis</i> subsp. <i>glabra</i>		E1
Flora	<i>Polygala linariifolia</i>	Native Milkwort	E1
Flora	<i>Polystichum moorei</i>		E1
Bird	<i>Polytelis anthopeplus</i> <i>monarchoides</i>	Regent Parrot (eastern subsp.)	E1
Bird	<i>Polytelis swainsonii</i>	Superb Parrot	V
Flora	<i>Pomaderris adnata</i>	Sublime Point Pomaderris	E1
Flora	<i>Pomaderris bodalla</i>	Bodalla Pomaderris	V
Flora	<i>Pomaderris brunnea</i>	Brown Pomaderris	V
Flora	<i>Pomaderris cotoneaster</i>	Cotoneaster Pomaderris	E1
Flora	<i>Pomaderris delicata</i>	Delicate Pomaderris	E1
Flora	<i>Pomaderris elachophylla</i>	Lacy Pomaderris	E1
Flora	<i>Pomaderris gilmourii</i> var. <i>cana</i>	Grey Deua Pomaderris	V

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Flora	<i>Pomaderris notata</i>	McPherson Range Pomaderris	V
Flora	<i>Pomaderris oraria</i>		E4
Flora	<i>Pomaderris pallida</i>	Pale Pomoderris	V
Flora	<i>Pomaderris parrisiae</i>	Parris' Pomaderris	V
Flora	<i>Pomaderris queenslandica</i>	Scant Pomaderris	E1
Flora	<i>Pomaderris reperta</i>	Denman Pomaderris	E1
Flora	<i>Pomaderris sericea</i>	Silky Pomaderris	E1
Flora	<i>Pomaderris walshii</i>		E4A
Bird	<i>Pomatostomus halli</i>	Hall's Babbler	V
Bird	<i>Pomatostomus temporalis temporalis</i>	Grey-crowned Babbler (eastern subspecies)	V
Bird	<i>Porphyrio albus</i>	White Gallinule	E4
Mammal	<i>Potorous longipes</i>	Long-footed Potoroo	E1
Mammal	<i>Potorous tridactylus</i>	Long-nosed Potoroo	V
Flora	<i>Prasophyllum affine</i>	Jervis Bay Leek Orchid	E1
Flora	<i>Prasophyllum bagoensis</i>	Bago Leek Orchid	E1
Flora	<i>Prasophyllum canaliculatum</i>		E4A
Flora	<i>Prasophyllum fuscum</i>	Slaty Leek Orchid	V
Flora	<i>Prasophyllum innubum</i>		E4A
Flora	<i>Prasophyllum keltonii</i>		E4A
Flora	<i>Prasophyllum petilum</i>	Tarengo Leek Orchid	E1
Flora	<i>Prasophyllum retroflexum</i>	Kiandra Leek Orchid	V
Flora	<i>Prasophyllum</i> sp. Majors Creek		E1
Flora	<i>Prasophyllum</i> sp. 'Moama'		E4A
Flora	<i>Prasophyllum uroglossum</i>	Wingecarribee Leek Orchid	E1
Fish	<i>Pristis zijsron</i>	Green sawfish	E4
Bird	<i>Procelsterna cerulea</i>	Grey Ternlet	V
Flora	<i>Prostanthera askania</i>	Tranquility Mintbush	E1
Flora	<i>Prostanthera cineolifera</i>	Singleton Mint Bush	V
Flora	<i>Prostanthera cryptandroides</i> subsp. <i>cryptandroides</i>	Wollemi Mint-bush	V
Flora	<i>Prostanthera densa</i>	Villous Mint-bush	V
Flora	<i>Prostanthera discolor</i>		V
Flora	<i>Prostanthera junonis</i>	Somersby Mintbush	E1
Flora	<i>Prostanthera marifolia</i>		E4A
Flora	<i>Prostanthera palustris</i>	Swamp Mint-bush	V
Flora	<i>Prostanthera spinosa</i>	Spiny Mint-bush	V
Flora	<i>Prostanthera staurophylla</i>		E1
Flora	<i>Prostanthera stricta</i>		V
Bird	<i>Psephotus pulcherrimus</i>	Paradise Parrot	E4
Flora	<i>Pseudanthus ovalifolius</i>	Oval-leafed Pseudanthus	E1
Mammal	<i>Pseudomys apodemoides</i>	Silky Mouse	E1
Mammal	<i>Pseudomys australis</i>	Plains Rat	E4
Mammal	<i>Pseudomys bolami</i>	Bolam's Mouse	E1
Mammal	<i>Pseudomys delicatulus</i>	Delicate Mouse	E1
Mammal	<i>Pseudomys desertor</i>	Desert Mouse	E4
Mammal	<i>Pseudomys fumeus</i>	Smoky Mouse	E1
Mammal	<i>Pseudomys gouldii</i>	Gould's Mouse	E4
Mammal	<i>Pseudomys gracilicaudatus</i>	Eastern Chestnut Mouse	V
Mammal	<i>Pseudomys hermannsburgensis</i>	Sandy Inland Mouse	V
Mammal	<i>Pseudomys oralis</i>	Hastings River Mouse	E1
Mammal	<i>Pseudomys pilligaensis</i>	Pilliga Mouse	V
Reptile	<i>Pseudonaja modesta</i>	Ringed Brown Snake	E1
Amphibian	<i>Pseudophryne australis</i>	Red-crowned Toadlet	V

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Amphibian	<i>Pseudophryne corroboree</i>	Southern Corroboree Frog	E1
Amphibian	<i>Pseudophryne pengilleyi</i>	Northern Corroboree Frog	V
Flora	<i>Psilotum complanatum</i>	Flat Fork Fern	E1
Bird	<i>Pterodroma leucoptera leucoptera</i>	Gould's Petrel	E1
Bird	<i>Pterodroma neglecta neglecta</i>	Kermadec Petrel (west Pacific subspecies)	V
Bird	<i>Pterodroma nigripennis</i>	Black-winged Petrel	V
Bird	<i>Pterodroma solandri</i>	Providence Petrel	V
Mammal	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	V
Flora	<i>Pterostylis cobarensis</i>	Greenhood Orchid	V
Flora	<i>Pterostylis cucullata</i>	Leafy Greenhood	V
Flora	<i>Pterostylis despectans</i>		E4A
Flora	<i>Pterostylis elegans</i>	Elegant Greenhood	V
Flora	<i>Pterostylis gibbosa</i>	Illawarra Greenhood	E1
Flora	<i>Pterostylis metcalfei</i>	Metcalfe's Greenhood	E1
Flora	<i>Pterostylis nigricans</i>	Dark Greenhood	V
Flora	<i>Pterostylis oreophila</i>	Blue-tongued Greenhood	E4A
Flora	<i>Pterostylis pulchella</i>	Waterfall Greenhood	V
Flora	<i>Pterostylis saxicola</i>	Sydney Plains Greenhood	E1
Flora	<i>Pterostylis</i> sp. Botany Bay	Botany Bay Bearded Orchid	E1
Bird	<i>Ptilinopus magnificus</i>	Wompoo Fruit-Dove	V
Bird	<i>Ptilinopus regina</i>	Rose-crowned Fruit-Dove	V
Bird	<i>Ptilinopus superbus</i>	Superb Fruit-Dove	V
Flora	<i>Ptilotus extenuatus</i>		E4
Bird	<i>Puffinus assimilis</i>	Little Shearwater	V
Bird	<i>Puffinus carneipes</i>	Flesh-footed Shearwater	V
Flora	<i>Pultenaea aristata</i>	Prickly Bush-pea	V
Flora	<i>Pultenaea baeuerlenii</i>	Budawangs Bush-pea	V
Flora	<i>Pultenaea glabra</i>	Smooth Bush-Pea	V
Flora	<i>Pultenaea humilis</i>		V
Flora	<i>Pultenaea maritima</i>	Coast Headland Pea	V
Flora	<i>Pultenaea parrisiae</i> subsp. <i>elusa</i>	Elusive Bush-pea	E1
Flora	<i>Pultenaea parrisiae</i> subsp. <i>parrisiae</i>	Parris' Bush-pea	V
Flora	<i>Pultenaea parviflora</i>		E1
Flora	<i>Pultenaea pedunculata</i>	Matted Bush-pea	E1
Flora	<i>Pultenaea</i> sp. Genowlan Point		E1
Flora	<i>Pultenaea</i> sp. Olinda		E1
Bird	<i>Pyrrholaemus brunneus</i>	Redthroat	V
Bird	<i>Pyrrholaemus saggitatus</i>	Speckled Warbler	V
Flora	<i>Quassia</i> sp. Mooney Creek	Moonee Quassia	E1
Reptile	<i>Ramphotyphlops endoterus</i>	Interior Blind Snake	E1
Flora	<i>Randia moorei</i>	Spiny Gardenia	E1
Flora	<i>Ranunculus anemoneus</i>	Anemone Buttercup	V
Flora	<i>Rapanea</i> sp. A Richmond River	Ripple-leaf Muttonwood	E1
Mammal	<i>Rattus villosissimus</i>	Long-haired Rat	V
Flora	<i>Rhaphidospora bonneyana</i>		E4
Bird	<i>Rhipidura fuliginosa cervina</i>	Grey Fantail (Lord Howe Is. subsp.)	E4
Flora	<i>Rhizanthella slateri</i>	Eastern Australian Underground Orchid	V
Flora	<i>Rhynchosia acuminatissima</i>	Pointed Trefoil	V
Bird	<i>Rostratula benghalensis</i>	Painted Snipe	E1
Flora	<i>Rotala tripartita</i>		E1
Flora	<i>Rulingia procumbens</i>		V
Flora	<i>Rulingia prostrata</i>	Dwarf Kerrawang	E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Rutidosis heterogama</i>	Heath Wrinklewort	V
Flora	<i>Rutidosis leiolepis</i>	Monaro Golden Daisy	V
Flora	<i>Rutidosis leptorrhynchoides</i>	Button Wrinklewort	E1
Flora	<i>Rytidosperma pumilum</i>	Feldmark Grass	V
Mammal	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	V
Flora	<i>Santalum murrayanum</i>	Bitter Quandong	E1
Flora	<i>Sarcochilus dilatatus</i>	Brown Butterfly Orchid	E1
Flora	<i>Sarcochilus fitzgeraldii</i>	Ravine Orchid	V
Flora	<i>Sarcochilus hartmannii</i>	Hartman's <i>Sarcochilus</i>	V
Flora	<i>Sarcochilus weinthalii</i>	Blotched <i>Sarcochilus</i>	V
Flora	<i>Scaevola collaris</i>		E1
Flora	<i>Sclerolaena napiformis</i>	Turnip Copperburr	E1
Mammal	<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	V
Flora	<i>Senecio behrianus</i>		E4
Flora	<i>Senecio garlandii</i>	Woolly Ragwort	V
Flora	<i>Senecio georgianus</i>		E4
Flora	<i>Senecio linearifolius</i> var. <i>dangarensis</i>		E1
Flora	<i>Senecio spathulatus</i>	Coast Groundsel	E1
Flora	<i>Senecio squarrosus</i>	Swamp Groundsel	E1
Flora	<i>Senna acclinis</i>	Rainforest Cassia	E1
Flora	<i>Sida rohlenae</i>	Shrub Sida	E1
Reptile	<i>Simoselaps fasciolatus</i>	Narrow-banded Snake	V
Mammal	<i>Sminthopsis leucopus</i>	White-footed Dunnart	V
Mammal	<i>Sminthopsis macroura</i>	Stripe-faced Dunnart	V
Flora	<i>Solanum amourense</i>		E1
Flora	<i>Solanum celatum</i>		E1
Flora	<i>Solanum karsense</i>	Menindee Nightshade	V
Flora	<i>Solanum limitare</i>	Border Ranges Nightshade	E1
Flora	<i>Sophora fraseri</i>	Brush Sophora	V
Flora	<i>Sophora tomentosa</i>	Silverbush	E1
Flora	<i>Stackhousia clementii</i>		E1
Bird	<i>Stagonopleura guttata</i>	Diamond Firetail	V
Flora	<i>Stemmacantha australis</i>		E4
Flora	<i>Stenopetalum velutinum</i>		E4
Bird	<i>Sterna albifrons</i>	Little Tern	E1
Bird	<i>Sterna fuscata</i>	Sooty Tern	V
Bird	<i>Stictonetta naevosa</i>	Freckled Duck	V
Bird	<i>Strepera graculina crissalis</i>	Pied Currawong (Lord Howe Is. subsp.)	V
Flora	<i>Styphelia perileuca</i>	Montane Green Five-corners	V
Bird	<i>Sula dactylatra</i>	Masked Booby	V
Reptile	<i>Suta flagellum</i>	Little Whip Snake	V
Flora	<i>Swainsona adenophylla</i>	Violet Swainson-Pea	E1
Flora	<i>Swainsona colutoides</i>	Bladder Senna	E1
Flora	<i>Swainsona flavicarinata</i>	Yellow-keeled Swainsona	E1
Flora	<i>Swainsona murrayana</i>	Slender Darling Pea	V
Flora	<i>Swainsona plagiotropis</i>	Red Darling Pea	V
Flora	<i>Swainsona pyrophila</i>	Yellow Darling Pea	V
Flora	<i>Swainsona recta</i>	Mountain Swainson-pea	E1
Flora	<i>Swainsona sericea</i>	Silky Swainson-pea	V
Flora	<i>Swainsona viridis</i>	Creeping Darling Pea	E1
Mammal	<i>Syconycteris australis</i>	Common Blossom-bat	V
Flora	<i>Symplocos baeuerlenii</i>	Small-leaved Hazelwood	V
Invertebrate	<i>Synemon plana</i>	Golden Sun Moth	E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Syzygium hodgkinsoniae</i>	Red Lilly Pilly	V
Flora	<i>Syzygium moorei</i>	Durobby	V
Flora	<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	V
Flora	<i>Tarenna cameronii</i>	Cameron's Tarenna	E1
Flora	<i>Tasmania glaucifolia</i>	Fragrant Pepperbush	V
Flora	<i>Tasmania purpurascens</i>	Broad-leaved Pepperbush	V
Flora	<i>Tetradlea glandulosa</i>		V
Flora	<i>Tetradlea juncea</i>	Black-eyed Susan	V
Flora	<i>Tetradlea pilosa</i> subsp. <i>pilosa</i>		E4
Bird	<i>Thalassarche cauta</i>	Shy Albatross	V
Bird	<i>Thalassarche melanophris</i>	Black-browed Albatross	V
Flora	<i>Thelymitra atronitida</i>		E4A
Flora	<i>Thelymitra epipactoides</i>		E4
Flora	<i>Thelymitra</i> sp. 'Adorata'	Wyong Sun Orchid	E4A
Invertebrate	<i>Thersites mitchellae</i>	Mitchell's Rainforest Snail	E1
Flora	<i>Thesium australe</i>	Austral Toadflax	V
Bird	<i>Thinornis rubricollis</i>	Hooded Plover	E1
Flora	<i>Threlkeldia inchoata</i>	Tall Bonefruit	E1
Fish	<i>Thunnus maccoyii</i>	Southern bluefin tuna	E1
Mammal	<i>Thylogale stigmatica</i>	Red-legged Pademelon	V
Reptile	<i>Tiliqua multifasciata</i>	Centralian Blue-tongued Lizard	V
Reptile	<i>Tiliqua occipitalis</i>	Western Blue-tongued Lizard	V
Flora	<i>Tinospora smilacina</i>	Tinospora Vine	E1
Flora	<i>Tinospora tinosporoides</i>	Arrow-head Vine	V
Bird	<i>Todiramphus chloris</i>	Collared Kingfisher	V
Flora	<i>Trachymene saniculifolia</i>	Mountain Trachymene	E1
Flora	<i>Trianthema cypseleoides</i>		E4
Flora	<i>Triplarina imbricata</i>	Creek Triplarina	E1
Flora	<i>Triplarina nowraensis</i>	Nowra Heath Myrtle	E1
Bird	<i>Turdus poliocephalus vinitinctus</i>	Island Thrush (Lord Howe Is. subsp.)	E4
Bird	<i>Turnix maculosa</i>	Red-backed Button-quail	V
Bird	<i>Turnix melanogaster</i>	Black-breasted Button-quail	E1
Flora	<i>Tylophora linearis</i>		V
Flora	<i>Tylophora woollsi</i>	Cryptic Forest Twiner	E1
Reptile	<i>Tympanocryptis pinguicollis</i>	Grassland Earless Dragon	E1
Flora	<i>Typhonium</i> sp. aff. <i>brownii</i>	Stinky Lily	E1
Bird	<i>Tyto capensis</i>	Grass Owl	V
Bird	<i>Tyto novaehollandiae</i>	Masked Owl	V
Bird	<i>Tyto tenebricosa</i>	Sooty Owl	V
Reptile	<i>Underwoodisaurus sphyrurus</i>	Border Thick-tailed Gecko	V
Flora	<i>Uromyrtus australis</i>	Peach Myrtle	E1
Algae	<i>Vanvoorstia bennettiana</i>	Bennetts Seaweed	E4
Reptile	<i>Varanus rosenbergi</i>	Rosenberg's Goanna	V
Flora	<i>Velleia perfoliata</i>		V
Mammal	<i>Vespadelus baverstocki</i>	Inland Forest Bat	V
Mammal	<i>Vespadelus troughtoni</i>	Eastern Cave Bat	V
Flora	<i>Viola cleistogamoides</i>	Hidden Violet	E1
Flora	<i>Wahlenbergia scopulicola</i>	Rock-face Bluebell	E1
Flora	<i>Westringia davidii</i>	David's Westringia	V
Flora	<i>Westringia kydrensis</i>	Kydra Westringia	E1
Flora	<i>Wilsonia backhousei</i>	Narrow-leafed Wilsonia	V
Flora	<i>Wilsonia rotundifolia</i>	Round-leafed Wilsonia	E1

Group	Scientific Name	Common Name	Legal Status
Flora	<i>Wollemia nobilis</i>		E1
Bird	<i>Xanthomyza phrygia</i>	Regent Honeyeater	E1
Flora	<i>Xanthosia scopulicola</i>		V
Bird	<i>Xenus cinereus</i>	Terek Sandpiper	V
Flora	<i>Xerothamnella parvifolia</i>		E1
Flora	<i>Xylosma parvifolium</i>		E1
Flora	<i>Xylosma terrae-reginae</i>	Queensland Xylosma	E1
Flora	<i>Zannichellia palustris</i>		E1
Flora	<i>Zieria adenodonta</i>	Wollumbin Zieria	E1
Flora	<i>Zieria adenophora</i>	Araluen Zieria	E1
Flora	<i>Zieria baeuerlenii</i>	Bomaderry Zieria	E1
Flora	<i>Zieria buxijugum</i>	Box Range Zieria	E1
Flora	<i>Zieria citriodora</i>	Lemon Zieria	E1
Flora	<i>Zieria covenyi</i>	Coveny's Zieria	E1
Flora	<i>Zieria floydii</i>	Floyd's Zieria	E1
Flora	<i>Zieria formosa</i>	Shapely Zieria	E1
Flora	<i>Zieria granulata</i>	Illawarra Zieria	E1
Flora	<i>Zieria ingramii</i>	Keith's Zieria	E1
Flora	<i>Zieria involucrata</i>		E1
Flora	<i>Zieria lasiocaulis</i>	Willi Willi Zieria	E1
Flora	<i>Zieria murphyi</i>	Velvet Zieria	V
Flora	<i>Zieria obcordata</i>		E1
Flora	<i>Zieria parrisiae</i>	Parris' Zieria	E1
Flora	<i>Zieria prostrata</i>	Headland Zieria	E1
Flora	<i>Zieria tuberculata</i>	Warty Zieria	V
Bird	<i>Zosterops lateralis tephroleurus</i>	Silvereye (Lord Howe Is. subsp.)	V
Bird	<i>Zosterops tenuirostris strenuus</i>	Robust White-eye	E4

Populations

Group	Scientific Name	Common Name	Legal Status
Plants	<i>Acacia prominens</i> - endangered population	Acacia prominens (Gosford wattle) population in the Hurstville and Kogarah LGAs	E2
Amphibian	<i>Adelotus brevis</i> pop.	Tusked Frog population in the Nandewar and New England Tablelands Bioregions	E2
Bird	<i>Alectura lathamii</i> pop.	Australian Brush-turkey <i>Alectura lathamii</i> Gray, 1831 in the Nandewar and Brigalow Belt South Bioregions	E2
Fish	<i>Ambassis agassizii</i> pop.	Olive Perchlet population in Western NSW	E2
Plants	<i>Callitris endlicheri</i> ; Woronora Plateau population	Black Cypress Pine; Woronora Plateau population	E2
Bird	<i>Callocephalon fimbriatum</i> pop.	Gang Gang Cockatoo Population, Hornsby & Ku-ring-gai LGAs	E2
Bird	<i>Calyptorhynchus lathamii</i> pop.	Glossy Black-Cockatoo, Riverina population	E2
Plants	<i>Chorizema parviflorum</i> Benth. (a shrub) population; Wollongong and Shellharbour local government areas	<i>Chorizema parviflorum</i> Benth. (a shrub) population; Wollongong and Shellharbour local government areas	E2
Bird	<i>Climacteris affinis</i> pop.	White-browed Treecreeper, <i>Climacteris affinis</i> , in Carrathool LGA (south of the Lachlan River) and Griffith LGA	E2
Plants	<i>Darwinia fascicularis</i> subsp. <i>Oligantha</i> - endangered population	<i>Darwinia fascicularis</i> subsp. <i>oligantha</i> population in the Baulkham Hills and Hornsby LGAs	E2
Plants	<i>Dillwynia tenuifolia</i> - endangered population Baulkham Hills	<i>Dillwynia tenuifolia</i> (a shrub) population in the Baulkham Hills LGA	E2
Plants	<i>Dillwynia tenuifolia</i> - endangered population Kemps Creek	<i>Dillwynia tenuifolia</i> (a shrub) population at Kemps Creek	E2
Bird	<i>Dromaius novaehollandiae</i> pop.	Emu, <i>Dromaius novaehollandiae</i> , population in the NSW North Coast Bioregion and Port Stephens LGA	E2
Reptile	<i>Egernia whitii</i> pop.	White's Skink, <i>Egernia whitii</i> population in the Broken Hill Complex Bioregion	E2
Plants	<i>Eucalyptus camaldulensis</i>	River Red Gum population in the Hunter Catchment	E2
Plants	<i>Eucalyptus oblonga</i> - endangered population	<i>Eucalyptus oblonga</i> (Narrow-leaved Stringybark) population at Bateau Bay	E2
Plants	<i>Eucalyptus parramattensis</i> subsp. <i>parramattensis</i> - endangered population	<i>Eucalyptus parramattensis</i> subsp. <i>parramattensis</i> population in the Wyong and Lake Macquarie LGAs	E2
Plants	<i>Eucalyptus seeana</i> - endangered population	Narrow-leaved Red Gum population in the Greater Taree LGA	E2
Bird	<i>Eudyptula minor</i> pop.	Little Penguin in the Manly Point Area	E2
Fish	<i>Gadopsis marmoratus</i>	Snowy River population of river blackfish	E2
Plants	<i>Glycine clandestina</i> - endangered population	Nambucca Glycine population in the Nambucca LGA	E2
Plants	<i>Keraudrenia corrolata</i> var. <i>denticulata</i> - endangered population	<i>Keraudrenia corrolata</i> var. <i>denticulata</i> population in the Hawkesbury LGA	E2
Plants	<i>Lespedeza juncea</i> subsp. <i>sericea</i> - endangered population	<i>Lespedeza juncea</i> subsp. <i>sericea</i> population in the Wollongong LGA	E2
Plants	<i>Marsdenia viridiflora</i> subsp. <i>viridiflora</i> - endangered population	<i>Marsdenia viridiflora</i> subsp. <i>viridiflora</i> in the Bankstown; Blacktown; Camden; Campbelltown; Fairfield; Holroyd; Liverpool and Penrith local government areas	E2
Mammal	<i>Mastacomys fuscus</i> pop.	Broad-toothed Rat population at Barrington Tops in the Gloucester, Scone and Dungog LGAs	E2

Group	Scientific Name	Common Name	Legal Status
Invertebrate	<i>Menippus fugitivus</i>	<i>Menippus fugitivus</i> (a beetle) population in the Sutherland Shire	E2
Mammal	<i>Perameles nasuta</i> pop. 1	Long-nosed Bandicoot, North Head	E2
Mammal	<i>Perameles nasuta</i> pop. 2	Long-nosed Bandicoot in inner western Sydney	E2
Mammal	<i>Petauroides volans</i> pop.	Greater Glider population in the Bingi-Congo area of the Eurobodalla LGA	E2
Mammal	<i>Petaurus australis</i> pop.	Yellow-bellied Glider Population on the Bago Plateau	E2
Mammal	<i>Petaurus norfolcensis</i> pop. 1	Squirrel Glider in the Wagga Wagga Local Government Area	E2
Mammal	<i>Petaurus norfolcensis</i> pop. 2	Squirrel Glider on Barrenjoey Peninsula, north of Bushrangers Hill	E2
Mammal	<i>Phascolarctos cinereus</i> pop. 1	Koala in the Pittwater LGA	E2
Mammal	<i>Phascolarctos cinereus</i> pop. 2	Koala population, Hawks Nest & Tea Gardens	E2
Plants	<i>Pomaderris prunifolia</i> - endangered population	<i>Pomaderris prunifolia</i> (a shrub) population in the Parramatta; Auburn; Strathfield and Bankstown LGAs	E2
Mammal	<i>Potorous tridactylus</i> pop.	Cobaki Lakes and Tweed Heads West population of teh Long-nosed Potoroo <i>Potorous tridactylus</i>	E2
Plants	<i>Pultenaea villifera</i> - endangered population	<i>Pultenaea villifera</i> population in the Blue Mountains LGA	E2
Fish	<i>Tandanus tandanus</i>	Murray-Darling Basin population of eel tailed catfish	E2
Plants	<i>Wahlenbergia multicaulis</i> - endangered population	Tadgell's Bluebell population in the Auburn; Bankstown; Baulkham Hills; Canterbury; Hornsby; Parramatta and Strathfield LGAs	E2
Plants	Weeping Myall population in the Hunter catchment	Weeping Myall population in the Hunter catchment	E2
Plants	<i>Zieria smithii</i> - endangered population	<i>Zieria smithii</i> population at Diggers Head	E2

Ecological Communities

Group	Scientific Name	Common Name	Legal Status
Ecological Communities	Acacia loderi Shrublands	Nelia Shrublands	E1
Ecological Communities	Acacia melvillei Shrubland in the Riverina and Murray-Darling Depression bioregions	Acacia melvillei Shrubland in the Riverina and Murray-Darling Depression bioregions	E1
Ecological Communities	Agnes Banks Woodland in the Sydney Basin Bioregion	Agnes Banks Woodland in the Sydney Basin	E1
Ecological Communities	Allocasuarina luehmannii Woodland in the Riverina and Murray-Darling Depression bioregions	Buloke Woodland	E1
Ecological Communities	Artesian Springs Ecological Community	Artesian Springs Ecological Community	E1
Ecological Communities	Bangalay Sand forest of the Sydney Basin and South East Corner Bioregions	Bangalay Sand forest of the Sydney Basin and South East Corner Bioregions	E1
Ecological Communities	Bega Dry Grass Forest in the South East Corner Bioregion	Bega Dry Grass Forest	E1
Ecological Communities	Ben Halls Gap National Park Sphagnum Moss Cool Temperate Rainforest	Ben Halls Gap Sphagnum Moss Cool Temperate Rainforest	E1
Ecological Communities	Blue Gum High Forest	Blue Gum High Forest	E4a
Ecological Communities	Blue Mountains Shale Cap Forest in the Sydney Basin Bioregion	Blue Mountains Shale Cap Forest in the Sydney Basin Bioregion	E1
Ecological Communities	Blue Mountains Swamps in the Sydney Basin Bioregion	Blue Mountains Swamps	V
Ecological Communities	Brigalow within the Brigalow Belt South; Nandewar and Darling Riverine Plains Bioregions	Brigalow Community	E1
Ecological Communities	Brigalow-Gidgee woodland/shrubland in the Mulga Lands and Darling Riverine Plains Bioregions	Brigalow-gidgee Woodland/shrubland	E1
Ecological Communities	Brogo Wet Vine Forest in the South East Corner Bioregion	Brogo Wet Vine Forest	E1
Ecological Communities	Byron Bay Dwarf Graminoid Clay Heath Community	Byron Bay Dwarf Graminoid Clay Heath	E1
Ecological Communities	Cadellia pentastylis (Ooline) community in the Nandewar and Brigalow Belt South bioregion	Ooline Community	E1
Ecological Communities	Candelo Dry Grass Forest in the South East Corner Bioregion	Candelo Dry Grass Forest	E1
Ecological Communities	Carbeen Open Forest community in the Darling Riverine Plains and Brigalow Belt South Bioregions	Carbeen Open Forest community in the Darling Riverine Plains and Brigalow Belt South Bioregions	E1
Ecological Communities	Castlereagh Swamp Woodland Community	Castlereagh Swamp Woodland Community	E1
Ecological Communities	Central Hunter Grey Box - Ironbark Woodland in the NSW North Coast and Sydney Basin Bioregions	Central Hunter Grey Box - Ironbark Woodland	E1
Ecological Communities	Central Hunter Ironbark - Spotted Gum - Grey Box Forest in the NSW North Coast and Sydney Basin Bioregions	Central Hunter Ironbark - Spotted Gum - Grey Box Forest	E1
Ecological Communities	Coastal Cypress Pine Forest in the NSW North Coast Bioregion	Coastal Cypress Pine Forest in the NSW North Coast Bioregion	E1
Ecological Communities	Coastal Saltmarsh in the NSW North Coast; Sydney Basin and South East Corner Bioregions	Coastal Saltmarsh in the NSW North Coast; Sydney Basin and South East Corner Bioregions	E1
Ecological Communities	Cooks River/ Castlereagh Ironbark Forest in the Sydney Basin Bioregion	Cooks River/ Castlereagh Ironbark Forest in the Sydney Basin Bioregion	E1

Group	Scientific Name	Common Name	Legal Status
Ecological Communities	Coolibah-Black Box woodland of the northern riverine plains in the Darling Riverine Plains and Brigalow Belt South bioregions	Coolibah-Black Box woodland of the northern riverine plains in the Darling Riverine Plains and Brigalow Belt South bioregions	E1
Ecological Communities	Cumberland Plain Woodland	Cumberland Plain Woodland	E4a
Ecological Communities	Dry Rainforest of the South East Forests in the South East Corner Bioregion	Dry Rainforest of the South East Forests	E1
Ecological Communities	Duffys Forest Ecological Community in the Sydney Basin Bioregion	Duffys Forest Ecological Community in the Sydney Basin Bioregion	E1
Ecological Communities	Eastern Suburbs Banksia Scrub in the Sydney Basin Bioregion	Eastern Suburbs Banksia Scrub in the Sydney Basin Bioregion	E1
Ecological Communities	Elderslie Banksia Scrub Forest	Elderslie Banksia Scrub Forest	E1
Ecological Communities	Freshwater wetlands on coastal floodplains of the NSW North Coast; Sydney Basin and South East Corner bioregions	Freshwater wetlands on coastal floodplains	E1
Ecological Communities	Fuzzy Box on alluvials of South West Slopes; Darling Riverine Plains & the Brigalow Belt South	Fuzzy Box on alluvials of South West Slopes; Darling Riverine Plains & the Brigalow Belt South	E1
Ecological Communities	Genowlan Point Allocasuarina nana Heathland	Genowlan Point Allocasuarina nana Heathland	E1
Ecological Communities	Grey Box - Grey Gum Wet Sclerophyll Forest in the NSW North Coast Bioregion	Grey Box - Grey Gum Wet Sclerophyll Forest in the NSW North Coast Bioregion	E1
Ecological Communities	Halosarcia lylei low open-shrubland in the Murray Darling Depression Bioregion	Halosarcia lylei low open-shrubland	E1
Ecological Communities	Howell Shrublands in the New England Tablelands and Nandewar Bioregions	Howell Shrublands	E1
Ecological Communities	Hunter Lowland Redgum Forest in the Sydney Basin and NSW North Coast Bioregions	Hunter Lowland Redgum Forest in the Sydney Basin and NSW North Coast Bioregions	E1
Ecological Communities	Hunter Valley Footslopes Slaty Gum Woodland in the Sydney Basin Bioregion	Hunter Valley Footslopes Slaty Gum Woodland	V
Ecological Communities	Hunter Valley Vine Thicket in the NSW North Coast and Sydney Basin Bioregions	Hunter Valley Vine Thicket	E1
Ecological Communities	Hunter Valley Weeping Myall Woodland of the Sydney Basin Bioregion	Hunter Valley Weeping Myall Woodland	E1
Ecological Communities	Hygrocybeae Community of Lane Cove Bushland Park	Hygrocybeae Community of Lane Cove Bushland Park	E1
Ecological Communities	Illawarra Lowlands Grassy Woodland in the Sydney Basin Bioregion	Illawarra Lowlands Grassy Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Illawarra Subtropical Rainforest in the Sydney Basin Bioregion	Illawarra Subtropical Rainforest in the Sydney Basin Bioregion	E1
Ecological Communities	Inland Grey Box Woodland in the Riverina; NSW South Western Slopes; Cobar Penepplain; Nandewar and Brigalow Belt South Bioregions	Inland Grey Box Woodland	E1
Ecological Communities	Kincumber Scribbly Gum Forest in the Sydney Basin Bioregion	Kincumber Scribbly Gum Forest	E4a
Ecological Communities	Kurnell Dune Forest in the Sutherland Shire and City of Rockdale	Kurnell Dune Forest in the Sutherland Shire and City of Rockdale	E1
Ecological Communities	Kurri Sand Swamp Woodland in the Sydney Basin Bioregion	Kurri Sand Swamp Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Lagunaria patersonia swamp forest on Lord Howe Island	Sallywood Swamp Forest	E1
Ecological Communities	Littoral Rainforest in the NSW North Coast; Sydney Basin and South East Corner Bioregions	Littoral Rainforest in the NSW North Coast; Sydney Basin and South East Corner Bioregions	E1
Ecological Communities	Low woodland with heathland on indurated sand at Norah Head	Low woodland with heathland on indurated sand at Norah Head	E1

Group	Scientific Name	Common Name	Legal Status
Ecological Communities	Lower Hunter Spotted Gum - Ironbark Forest in the Sydney Basin Bioregion	Lower Hunter Spotted Gum - Ironbark Forest	E1
Ecological Communities	Lower Hunter Valley Dry Rainforest in the Sydney Basin and NSW North Coast bioregions	Lower Hunter Valley Dry Rainforest	V
Ecological Communities	Lowland Grassy Woodland in the South East Corner Bioregion	Lowland Grassy Woodland in the South East Corner Bioregion	E1
Ecological Communities	Lowland Rainforest in NSW North Coast and Sydney Basin Bioregion	Lowland Rainforest in NSW North Coast and Sydney Basin Bioregion	E1
Ecological Communities	Lowland Rainforest on Floodplain in the New South Wales North Coast Bioregion	Lowland Rainforest on Floodplain	E1
Ecological Communities	Maroota Sands Swamp Forest	Maroota Sands Swamp Forest	E1
Ecological Communities	McKies Stringybark/Blackbutt Open Forest in the Nandewar and New England Tableland Bioregions	McKies Stringybark/Blackbutt Open Forest	E1
Ecological Communities	Melaleuca armillaris Tall Shrubland in the Sydney Basin Bioregion	Melaleuca armillaris Tall Shrubland in the Sydney Basin Bioregion	E1
Ecological Communities	Milton Ulladulla Subtropical Rainforest in the Sydney Basin Bioregion	Milton Ulladulla Subtropical Rainforest in the Sydney Basin Bioregion	E1
Ecological Communities	Moist Shale Woodland in the Sydney Basin Bioregion	Moist Shale Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Montane Peatlands and Swamps of the New England Tableland; NSW North Coast; Sydney Basin; South East Corner; South Eastern Highlands and Australian Alps	Montane Peatlands and Swamps	E1
Ecological Communities	Mount Gibraltar Forest in the Sydney Basin Bioregion	Mount Gibraltar Forest in the Sydney Basin Bioregion	E1
Ecological Communities	Mt Canobolas Xanthoparmelia Lichen Community	Mt Canobolas Xanthoparmelia Lichen Community	E1
Ecological Communities	Myall Woodland in the Darling Riverine Plains; Brigalow Belt South; Cobar Peneplain; Murray-Darling Depression; Riverina and NSW South western Slopes bioregions	Myall Woodland in the Darling Riverine Plains; Brigalow Belt	E1
Ecological Communities	Native Vegetation on Cracking Clay Soils of the Liverpool Plains	Native Vegetation on Cracking Clay Soils of the Liverpool Plains	E1
Ecological Communities	New England Peppermint (Eucalyptus nova-anglica) Woodland on Basalts and Sediments in the New England Tableland Bioregion	New England Peppermint (Eucalyptus nova-anglica) Woodland on Basalts and Sediments in the New England Tableland Bioregion	E1
Ecological Communities	Newnes Plateau Shrub Swamp in the Sydney Basin Bioregion	Newnes Plateau Shrub Swamp in the Sydney Basin Bioregion	E1
Ecological Communities	O'Hares Creek Shale Forest	O'Hares Creek Shale Forest	E1
Ecological Communities	Pittwater Spotted Gum Forest	Pittwater Spotted Gum Forest	E1
Ecological Communities	Prostanthera marifolia	Seaforth Mintbush	E4a
Ecological Communities	Quorrobolong Scribbly Gum Woodland in the Sydney Basin Bioregion	Quorrobolong Scribbly Gum Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Ribbon Gum; Mountain Gum; Snow Gum Grassy Forest/Woodland of the New England Tableland Bioregion	Ribbon Gum; Mountain Gum; Snow Gum Grassy Forest/Woodland of the New England Tableland Bioregion	E1
Ecological Communities	River-Flat Eucalypt Forest on Coastal Floodplains of the NSW North Coast; Sydney Basin and South East Corner bioregions	River-Flat Eucalypt Forest on Coastal Floodplains	E1
Ecological Communities	Robertson Basalt Tall Open-forest in the Sydney Basin Bioregion	Robertson Basalt Tall Open-forest in the Sydney Basin Bioregion	E1
Ecological Communities	Robertson Rainforest in the Sydney Basin Bioregion	Robertson Rainforest in the Sydney Basin Bioregion	E1

Group	Scientific Name	Common Name	Legal Status
Ecological Communities	Sandhill Pine Woodland in the Riverina; Murray-Darling Depression and NSW South Western Slopes bioregions	Sandhill Pine Woodland in the Riverina; Murray-Darling Depression and NSW South Western Slopes bioregions	E1
Ecological Communities	Semi-evergreen Vine Thicket in the Brigalow Belt South and Nandewar Bioregions	Semi-evergreen Vine Thicket	E1
Ecological Communities	Shale Gravel Transition Forest in the Sydney Basin Bioregion	Shale Gravel Transition Forest in the Sydney Basin Bioregion	E1
Ecological Communities	Shale Sandstone Transition Forest in the Sydney Basin Bioregion	Shale Sandstone Transition Forest in the Sydney Basin Bioregion	E1
Ecological Communities	Southern Highlands Shale Woodlands in the Sydney Basin Bioregion	Southern Highlands Shale Woodlands in the Sydney Basin Bioregion	E1
Ecological Communities	Southern Sydney sheltered forest on transitional sandstone soils in the Sydney Basin Bioregion	Southern Sydney sheltered forest on transitional sandstone soils in the Sydney Basin Bioregion	E1
Ecological Communities	Sub-tropical Coastal Floodplain Forest of the NSW North Coast bioregion	Sub-tropical Coastal Floodplain Forest	E1
Ecological Communities	Sun Valley Cabbage Gum Forest in the Sydney Basin Bioregion	Sun Valley Cabbage Gum Forest in the Sydney Basin Bioregion	E1
Ecological Communities	Swamp oak floodplain forest of the NSW North Coast; Sydney Basin and South East Corner bioregions	Swamp oak floodplain forest	E1
Ecological Communities	Swamp sclerophyll forest on coastal floodplains of the NSW North Coast; Sydney Basin and South East Corner bioregions	Swamp sclerophyll forest on coastal floodplains	E1
Ecological Communities	Sydney Freshwater Wetlands in the Sydney Basin Bioregion	Sydney Freshwater Wetlands in the Sydney Basin Bioregion	E1
Ecological Communities	Sydney Turpentine-Ironbark Forest	Sydney Turpentine-Ironbark Forest	E1
Ecological Communities	Tableland Basalt Forest in the Sydney Basin and South Eastern Highlands Bioregions	Tableland Basalt Forest	E1
Ecological Communities	The Shorebird Community occurring on the relict tidal delta sands at Taren Point	Taren Point Shorebirds	E1
Ecological Communities	Themeda australis	Themeda Grassland on seacliffs and coastal headlands in the NSW North Coast; Sydney Basin and South East Corner bioregions	E1
Ecological Communities	Umina Coastal Sandplain Woodland in the Sydney Basin Bioregion	Umina Coastal Sandplain Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Upland Wetlands of the Drainage Divide of the New England Tableland Bioregion	Upland Wetlands of the Drainage Divide of the New England Tablelands	E1
Ecological Communities	Warkworth Sands Woodland in the Sydney Basin Bioregion	Warkworth Sands Woodland in the Sydney Basin Bioregion	E1
Ecological Communities	Western Sydney Dry Rainforest in the Sydney Basin Bioregion	Western Sydney Dry Rainforest in the Sydney Basin Bioregion	E1
Ecological Communities	White Box Yellow Box Blakely's Red Gum Woodland	Box-Gum Woodland	E1
Ecological Communities	White Gum Moist Forest in the NSW North Coast bioregion	White Gum Moist Forest in the NSW North Coast bioregion	E1
Ecological Communities	Lowland Murray River aquatic ecological community	Lowland Murray River aquatic ecological community	E1
Ecological Communities	Lowland Darling River aquatic ecological community	Lowland Darling River aquatic ecological community	E1
Ecological Communities	Lowland Lachlan River aquatic ecological community	Lowland Lachlan River aquatic ecological community	E1

Appendix 1B

List of all threatened species considered for sustainability assessments at the regional scale

* An asterisk in the CMA column denotes which species were known from, and therefore considered for each region.

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from													
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD	
Flora	<i>Acacia acanthoclada</i>	Harrow Wattle	Endangered							*							*
Flora	<i>Acacia acronastes</i>	Pindari Wattle	Endangered							*							
Flora	<i>Acacia atrox</i>	Myall Creek Wattle	Endangered							*							
Flora	<i>Acacia ausfeldii</i>	Ausfeld's Wattle	Vulnerable		*						*	*					
Flora	<i>Acacia bakeri</i>	Marblewood	Vulnerable	*				*									
Flora	<i>Acacia baueri</i> subsp. <i>aspera</i>		Vulnerable			*	*										
Flora	<i>Acacia bynoeana</i>	Bynoe's Wattle	Endangered		*	*	*	*									
Flora	<i>Acacia carneorum</i>	Purple-wood Wattle	Vulnerable												*		*
Flora	<i>Acacia chrysotricha</i>	Newry Golden Wattle	Endangered	*													
Flora	<i>Acacia clunies-rossiae</i>	Kanangra Wattle	Vulnerable				*										
Flora	<i>Acacia constablei</i>	Narrabarba Wattle	Vulnerable					*									
Flora	<i>Acacia courtii</i>	North Brother Wattle	Vulnerable	*	*												
Flora	<i>Acacia curranii</i>	Curly-bark Wattle	Vulnerable								*				*		
Flora	<i>Acacia dangarensis</i>		Endangered		*												
Flora	<i>Acacia flocktoniae</i>	Flockton Wattle	Vulnerable				*				*						
Flora	<i>Acacia georgensis</i>	Bega Wattle	Vulnerable					*									
Flora	<i>Acacia gordonii</i>		Endangered			*	*										
Flora	<i>Acacia jucunda</i>	Yetman Wattle	Endangered							*							
Flora	<i>Acacia macnuttiana</i>	MacNutt's Wattle	Endangered	*						*							
Flora	<i>Acacia notabilis</i>	Mallee Golden Wattle	Endangered												*		*
Flora	<i>Acacia petraea</i>	Lancewood	Endangered							*					*		
Flora	<i>Acacia phasmoides</i>	Phantom Wattle	Vulnerable											*			
Flora	<i>Acacia pubescens</i>	Downy Wattle	Vulnerable		*	*	*	*		*							
Flora	<i>Acacia pubifolia</i>	Velvet Wattle	Endangered							*	*						
Flora	<i>Acacia pycnostachya</i>	Bolivia Wattle	Vulnerable							*							
Flora	<i>Acacia rivalis</i>	Creek Wattle	Endangered												*		*
Flora	<i>Acacia ruppii</i>	Rupp's Wattle	Endangered	*													
Flora	<i>Acacia terminalis</i> subsp. <i>terminalis</i>	Sunshine Wattle	Endangered			*	*										
Flora	<i>Acalypha eremorum</i>	Acalypha	Endangered	*						*							

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from													
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD	
Flora	<i>Acanthocladium dockeri</i>	Spiny Everlasting	Presumed Extinct														*
Flora	<i>Acronychia littoralis</i>	Scented Acronychia	Endangered	*													
Flora	<i>Acrophyllum australe</i>		Vulnerable				*										
Mammal	<i>Aepyprymnus rufescens</i>	Rufous Bettong	Vulnerable	*	*	*	*		*	*	*	*				*	
Flora	<i>Aldrovanda vesiculosa</i>	Waterwheel Plant	Endangered					*									
Flora	<i>Alexfloydia repens</i>	Floyd's Grass	Endangered	*													
Flora	<i>Allocasuarina defungens</i>	Dwarf Heath Casuarina	Endangered	*	*												
Flora	<i>Allocasuarina glareicola</i>		Endangered	*		*	*										
Flora	<i>Allocasuarina portuensis</i>	Nielsen Park She-oak	Endangered			*											
Flora	<i>Allocasuarina simulans</i>	Nabiac Casuarina	Vulnerable	*	*												
Flora	<i>Almaleea cambagei</i>	Torrington Pea	Endangered	*					*								
Bird	<i>Amaurornis olivaceus</i>	Bush-hen	Vulnerable	*													
Flora	<i>Ammobium craspedioides</i>	Yass Daisy	Vulnerable									*	*				
Flora	<i>Amorphospermum whitei</i>	Rusty Plum	Vulnerable	*													
Flora	<i>Amperea xiphoclada</i> var. <i>pedicellata</i>		Presumed Extinct			*	*										
Flora	<i>Amphibromus fluitans</i>	Floating Swamp Wallaby-grass	Vulnerable				*						*		*		
Flora	<i>Amyema plicatula</i>		Endangered	*													
Bird	<i>Amytornis barbatus barbatus</i>	Grey Grasswren	Endangered													*	
Bird	<i>Amytornis striatus</i>	Striated Grasswren	Vulnerable							*	*	*				*	*
Bird	<i>Amytornis textilis modestus</i>	Thick-billed Grasswren (eastern subspecies)	Endangered							*	*	*				*	
Flora	<i>Ancistrachne maidenii</i>		Vulnerable	*	*		*										
Flora	<i>Angiopteris evecta</i>	Giant Fern	Endangered	*													
Flora	<i>Angophora exul</i>	Gibraltar Rock Apple	Endangered						*								
Flora	<i>Angophora inopina</i>	Charmhaven Apple	Vulnerable		*												
Flora	<i>Angophora robur</i>	Sandstone Rough-barked Apple	Vulnerable	*													
Reptile	<i>Anomalopus mackayi</i>	Five-clawed Worm-skink	Endangered						*	*	*					*	
Bird	<i>Anseranas semipalmata</i>	Magpie Goose	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Antechinomys laniger</i>	Kultarr	Endangered								*	*			*	*	*
Flora	<i>Aponogeton queenslandicus</i>		Endangered													*	
Reptile	<i>Aprasia inaurita</i>	Mallee Worm-lizard	Endangered									*	*				*
Reptile	<i>Aprasia parapulchella</i>	Pink-tailed Legless Lizard	Vulnerable		*		*	*		*	*	*	*	*	*		
Invertebrate	<i>Archaeophya adamsi</i>	Adams emerald dragonfly	Endangered		*	*	*	*			*	*					
Flora	<i>Archidendron hendersonii</i>	White Lace Flower	Vulnerable	*													

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from												
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD
Mammal	<i>Arctocephalus forsteri</i>	New Zealand Fur-seal	Vulnerable	*	*	*	*	*								
Mammal	<i>Arctocephalus pusillus doriferus</i>	Australian Fur-seal	Vulnerable	*	*	*	*	*								
Bird	<i>Ardeotis australis</i>	Australian Bustard	Endangered	*	*	*	*	*	*	*	*	*	*	*	*	*
Invertebrate	<i>Argyreus hyperbius</i>	Laced Fritillary or Australian Fritillary	Endangered	*												
Flora	<i>Arthraxon hispidus</i>	Hairy Jointgrass	Vulnerable	*					*							
Flora	<i>Arthropteris palisotii</i>	Lesser Creeping Fern	Endangered	*				*								
Flora	<i>Asperula asthenes</i>	Trailing Woodruff	Vulnerable	*	*											
Reptile	<i>Aspidites ramsayi</i>	Woma	Vulnerable												*	
Amphibian	<i>Assa darlingtoni</i>	Pouched Frog	Vulnerable	*												
Flora	<i>Asterolasia buxifolia</i>		Endangered			*	*									
Flora	<i>Asterolasia elegans</i>		Endangered				*									
Flora	<i>Asterolasia</i> sp. "Dungowan Creek"	Dungowan Starbush	Endangered		*					*						
Flora	<i>Astrotricha cordata</i>	Heart-leaved Star Hair	Endangered	*												
Flora	<i>Astrotricha crassifolia</i>	Thick-leaf Star-hair	Vulnerable		*	*	*	*								
Flora	<i>Astrotricha roddii</i>	Rod's Star Hair	Endangered						*							
Flora	<i>Astrotricha</i> sp. Wallagaraugh		Endangered					*								
Bird	<i>Atrichornis rufescens</i>	Rufous Scrub-bird	Vulnerable	*	*						*				*	
Flora	<i>Atriplex acutiloba</i>		Presumed Extinct								*				*	*
Flora	<i>Atriplex infrequens</i>	A saltbush	Vulnerable												*	*
Flora	<i>Atriplex sturtii</i>	A saltbush	Endangered												*	
Flora	<i>Austrostipa metatoris</i>	A spear-grass	Vulnerable								*		*			*
Flora	<i>Austrostipa nullanulla</i>	A spear-grass	Endangered													*
Flora	<i>Austrostipa wakoolica</i>	A spear-grass	Endangered								*	*	*	*		
Flora	<i>Babingtonia prominens</i>	Nymboida Babingtonia	Endangered	*												
Flora	<i>Babingtonia silvestris</i>	Woodland Babingtonia	Endangered	*												
Flora	<i>Baeckea kandos</i>		Endangered		*	*					*					
Flora	<i>Baloghia marmorata</i>	Jointed Baloghia	Vulnerable	*												
Flora	<i>Baloskion longipes</i>	Dense Cord-rush	Vulnerable				*	*								
Flora	<i>Banksia conferta</i> subsp. <i>conferta</i>		Critically Endangered	*	*											
Flora	<i>Belvisia mucronata</i>	Needle-leaf Fern	Endangered	*												
Flora	<i>Bertya ingramii</i>	Narrow-leaved Bertya	Endangered	*												
Flora	<i>Bertya</i> sp. (Chambigne NR,M Fatemi 24)		Endangered	*												
Flora	<i>Bertya</i> sp. A Cobar-Coolabah	Coolabah Bertya	Vulnerable	*						*					*	

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from												
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD
Mammal	<i>Bettongia gaimardi</i>	Tasmanian Bettong	Presumed Extinct			*	*					*	*			
Mammal	<i>Bettongia lesueur graii</i>	Boodie, Burrowing Bettong (mainland)	Presumed Extinct							*		*			*	*
Mammal	<i>Bettongia penicillata penicillata</i>	Brush-tailed Bettong (South-East Mainland)	Presumed Extinct	*		*	*	*	*	*	*			*	*	*
Mammal	<i>Bettongia tropica</i>	Northern Bettong	Presumed Extinct							*					*	
Fish	<i>Bidyanus bidyanus</i>	Silver perch	Vulnerable	*	*	*	*		*	*	*	*	*	*	*	*
Flora	<i>Blumea lacera</i>		Presumed Extinct	*												
Flora	<i>Boronia boliviensis</i>	Bolivia Hill Boronia	Endangered						*							
Flora	<i>Boronia deanei</i>	Deane's Boronia	Vulnerable				*	*								
Flora	<i>Boronia granitica</i>	Granite Boronia	Vulnerable						*		*					
Flora	<i>Boronia hapalophylla</i>	Shannon Creek Boronia	Endangered	*												
Flora	<i>Boronia repanda</i>	Granite Rose	Endangered	*												
Flora	<i>Boronia ruppilii</i>	Rupp's Boronia	Endangered							*						
Flora	<i>Boronia umbellata</i>	Orara Boronia	Vulnerable	*			*									
Flora	<i>Bosistoa selwynii</i>	Heart-leaved Bonewood	Vulnerable	*												
Flora	<i>Bosistoa transversa</i>	Yellow Satinheart	Vulnerable	*	*											
Flora	<i>Bossiaea oligosperma</i>	Few-seeded Bossiaea	Vulnerable				*	*								
Bird	<i>Botaurus poiciloptilus</i>	Australasian Bittern	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Brachycome muelleroides</i>	Claypan Daisy	Vulnerable									*	*	*	*	*
Flora	<i>Brachycome papillosa</i>	Mossgiel Daisy	Vulnerable									*	*	*	*	*
Flora	<i>Brachyscome ascendens</i>	Border Ranges Daisy	Endangered	*												
Invertebrate	<i>Branchinella buchananensis</i>	Buchanans fairy shrimp	Vulnerable												*	
Flora	<i>Budawangia gnidioides</i>	Budawangs Cliff-heath	Vulnerable					*								
Bird	<i>Burhinus grallarius</i>	Bush Stone-curlew	Endangered	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Burramys parvus</i>	Mountain Pygmy-possum	Endangered					*					*	*		
Bird	<i>Cacatua leadbeateri</i>	Major Mitchell's Cockatoo	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Reptile	<i>Cacophis harriettae</i>	White-crowned Snake	Vulnerable	*					*							
Flora	<i>Cadellia pentastylis</i>	Ooline	Vulnerable						*	*						
Flora	<i>Caesalpinia bonduc</i>	Knicker Nut	Endangered	*												
Flora	<i>Caesia parviflora var. minor</i>	Small Pale Grass-lily	Endangered	*		*	*						*			
Flora	<i>Caladenia arenaria</i>	Sand-hill Spider Orchid	Endangered								*	*	*	*		
Flora	<i>Caladenia concolor</i>	Crimson Spider Orchid	Endangered									*	*			
Flora	<i>Caladenia porphyrea</i>		Endangered		*											

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from													
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD	
Flora	<i>Caladenia rosella</i>	Rosella Spider Orchid	Presumed Extinct												*		
Flora	<i>Caladenia tessellata</i>	Thick Lip Spider Orchid	Endangered		*	*	*	*			*			*			
Bird	<i>Calamanthus fuliginosus</i>	Striated Fieldwren	Vulnerable	*	*	*	*	*							*	*	*
Bird	<i>Calidris alba</i>	Sanderling	Vulnerable	*	*	*	*	*			*						*
Bird	<i>Calidris tenuirostris</i>	Great Knot	Vulnerable	*	*	*	*	*				*		*	*		
Flora	<i>Callistemon linearifolius</i>	Netted Bottle Brush	Vulnerable	*	*	*	*	*									
Flora	<i>Callitriche cyclocarpa</i>	Western Water-starwort	Vulnerable										*		*		
Flora	<i>Callitris baileyi</i>	Bailey's Cypress Pine	Endangered	*													
Flora	<i>Callitris oblonga</i>	Pygmy Cypress Pine	Vulnerable	*													
Bird	<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	Vulnerable	*	*	*	*	*		*	*	*	*	*	*		
Flora	<i>Calophanoides hygrophiloides</i>	Native Justicia	Endangered	*													
Flora	<i>Calotis glandulosa</i>	Mauve Burr-daisy	Vulnerable					*			*		*				
Flora	<i>Calotis moorei</i>	A burr-daisy	Endangered										*		*		*
Flora	<i>Calotis pubescens</i>	Max Mueller's Burr-daisy	Endangered										*				
Bird	<i>Calyptorhynchus banksii</i>	Red-tailed Black-Cockatoo	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Calyptorhynchus lathami</i>	Glossy Black-Cockatoo	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fungi	<i>Camarophyllopsis kearneyi</i>		Endangered			*											
Flora	<i>Capparis canescens</i>	Wild Orange	Endangered						*								
Flora	<i>Capparis loranthifolia</i> var. <i>loranthifolia</i>	Narrow-leafed Bumble	Endangered													*	
Reptile	<i>Caretta caretta</i>	Loggerhead Turtle	Endangered	*	*	*	*										
Flora	<i>Carex archeri</i>	Archer's Carex	Endangered					*							*		
Flora	<i>Carex klaphakei</i>	Klaphake's Sedge	Endangered				*										
Flora	<i>Carex raleighii</i>	Raleigh Sedge	Endangered					*					*	*			
Flora	<i>Cassia brewsteri</i> var. <i>marksiana</i>	Brush Cassia	Endangered	*													
Flora	<i>Casuarina obesa</i>	Swamp She-oak	Endangered														*
Flora	<i>Centranthera cochinchinensis</i>	Swamp Foxglove	Endangered	*													
Mammal	<i>Cercartetus concinnus</i>	Western Pygmy Possum	Endangered														*
Mammal	<i>Cercartetus nanus</i>	Eastern Pygmy-possum	Vulnerable	*	*	*	*	*		*	*	*	*	*	*		*
Bird	<i>Certhionyx variegatus</i>	Pied Honeyeater	Vulnerable		*				*	*	*	*	*	*	*	*	*
Mammal	<i>Chaeropus ecaudatus</i>	Pig-footed Bandicoot	Presumed Extinct										*	*	*	*	*
Mammal	<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	Vulnerable	*	*	*	*	*	*	*	*	*					
Mammal	<i>Chalinolobus nigrogriseus</i>	Hoary Wattled Bat	Vulnerable	*					*	*							
Mammal	<i>Chalinolobus picatus</i>	Little Pied Bat	Vulnerable	*					*	*	*	*	*	*	*	*	*
Flora	<i>Chamaesyce psammogeton</i>	Sand Spurge	Endangered	*	*	*	*	*									

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Bird	<i>Charadrius leschenaultii</i>	Greater Sand-plover	Vulnerable	*	*	*	*	*								
Bird	<i>Charadrius mongolus</i>	Lesser Sand-plover	Vulnerable	*	*	*	*	*					*	*		*
Flora	<i>Cheilanthes sieberi</i> subsp. <i>pseudovellea</i>		Endangered			*					*					
Reptile	<i>Chelonia mydas</i>	Green Turtle	Vulnerable	*	*	*	*	*								
Flora	<i>Chiloglottis anaticeps</i>	Bird Orchid	Endangered	*												
Flora	<i>Chiloglottis platyptera</i>	Barrington Tops Ant Orchid	Vulnerable	*	*				*	*						
Flora	<i>Choricarpia subargentea</i>	Giant Ironwood	Endangered	*												
Reptile	<i>Christinus guentheri</i>	Lord Howe Island Southern Gecko	Vulnerable	*												
Bird	<i>Cincoloma castanotus</i>	Chestnut Quail-thrush	Vulnerable		*						*	*	*	*	*	*
Flora	<i>Clematis fawcettii</i>	Northern Clematis	Vulnerable	*												
Bird	<i>Climacteris picumnus victoriae</i>	Brown Treecreeper (eastern subspecies)	Vulnerable	*	*		*	*	*	*	*	*	*	*		
Flora	<i>Codonocarpus pyramidalis</i>		Presumed Extinct													*
Reptile	<i>Coeranoscincus reticulatus</i>	Three-toed Snake-tooth Skink	Vulnerable	*												
Flora	<i>Commersonia rosea</i>		Endangered		*											
Mammal	<i>Conilurus albipes</i>	White-footed Tree-rat	Presumed Extinct							*	*			*		
Flora	<i>Convolvulus tedmoorei</i>	Bindweed	Endangered										*		*	*
Bird	<i>Coracina lineata</i>	Barred Cuckoo-shrike	Vulnerable	*	*		*	*								
Flora	<i>Corchorus cunninghamii</i>	Native Jute	Endangered	*												
Flora	<i>Corokia whiteana</i>	Corokia	Vulnerable	*												
Flora	<i>Correa baeuerlenii</i>	Chef's Cap Correa	Vulnerable					*								
Flora	<i>Correa lawrenciana</i> var. <i>genoensis</i>	Genoa River Correa	Endangered					*								
Flora	<i>Corybas dowlingii</i>		Endangered		*											
Flora	<i>Corynocarpus rupestris</i> subsp. <i>rupestris</i>	Glenugie Karaka	Vulnerable	*												
Fish	<i>Craterocephalus fluviatilis</i>	Murray hardyhead	Critically Endangered							*			*	*	*	*
Flora	<i>Cratystylis conocephala</i>	Bluebush Daisy	Endangered													*
Amphibian	<i>Crinia sloanei</i>	Sloane's Froglet	Vulnerable						*	*	*	*	*	*	*	*
Amphibian	<i>Crinia tinnula</i>	Wallum Froglet	Vulnerable	*	*	*	*									
Flora	<i>Crotalaria cunninghamii</i>	Parrot Pea	Endangered		*									*		
Flora	<i>Cryptocarya foetida</i>	Stinking Cryptocarya	Vulnerable	*												

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Flora	<i>Cryptostylis hunteriana</i>	Leafless Tongue Orchid	Vulnerable	*	*		*	*								
Reptile	<i>Ctenophorus decresii</i>	Tawny Crevice-dragon	Endangered												*	
Reptile	<i>Ctenotus brooksi</i>	Wedgesnout Ctenotus	Vulnerable												*	*
Reptile	<i>Ctenotus pantherinus ocellifer</i>	Leopard Ctenotus	Endangered												*	
Flora	<i>Cullen parvum</i>	Small Scurf-pea	Endangered											*		
Flora	<i>Cupaniopsis serrata</i>	Smooth Tuckeroo	Endangered	*												
Reptile	<i>Cyclodina lichenigera</i>	Lord Howe Island Skink	Vulnerable	*												
Reptile	<i>Cyclodomorphus melanops elongatus</i>	Mallee Slender Blue-tongue Lizard	Endangered	*												*
Reptile	<i>Cyclodomorphus venustus</i>		Endangered												*	
Bird	<i>Cyclopsitta diophthalma coxeni</i>	Double-eyed Fig-parrot	Endangered	*			*									
Flora	<i>Cynanchum elegans</i>	White-flowered Wax Plant	Endangered	*	*	*	*	*								
Flora	<i>Cyperus aquatilis</i>	Water Nutgrass	Endangered	*												
Flora	<i>Cyperus conicus</i>		Endangered						*	*						
Flora	<i>Cyperus rupicola</i>	Cliff Sedge	Vulnerable	*												
Flora	<i>Cyperus semifertilis</i>	Missionary Nutgrass	Endangered	*												
Flora	<i>Dampiera fusca</i>		Endangered					*				*				
Flora	<i>Daphnandra sp. C Illawarra</i>	Illawarra Socketwood	Endangered	*				*								
Flora	<i>Darwinia biflora</i>		Vulnerable		*	*	*									
Flora	<i>Darwinia glaucophylla</i>		Vulnerable		*		*									
Flora	<i>Darwinia peduncularis</i>		Vulnerable		*	*	*									
Mammal	<i>Dasycercus cristicauda</i>	Mulgara	Presumed Extinct												*	
Bird	<i>Dasyornis brachypterus</i>	Eastern Bristlebird	Endangered	*	*	*	*	*								
Mammal	<i>Dasyurus geoffroii</i>	Western Quoll	Presumed Extinct							*						*
Mammal	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Dasyurus viverrinus</i>	Eastern Quoll	Endangered	*	*	*	*	*		*	*	*	*	*	*	
Flora	<i>Davidsonia jerseyana</i>	Davidson's Plum	Endangered	*												
Flora	<i>Davidsonia johnsonii</i>	Smooth Davidson's Plum	Endangered	*												
Reptile	<i>Delma australis</i>	Marble-faced Delma	Endangered					*			*	*		*	*	*
Reptile	<i>Delma impar</i>	Striped Legless Lizard	Vulnerable				*	*			*	*	*			
Reptile	<i>Demansia torquata</i>	Collared Whip Snake	Vulnerable											*		
Flora	<i>Dendrobium melaleucaphilum</i>	Spider orchid	Endangered	*	*											
Flora	<i>Dendrocnide moroides</i>	Gympie Stinger	Endangered	*												
Flora	<i>Dentella minutissima</i>		Endangered											*		
Reptile	<i>Dermochelys coriacea</i>	Leathery Turtle	Vulnerable	*	*	*	*	*								

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Flora	<i>Derwentia blakelyi</i>		Vulnerable		*		*				*					
Flora	<i>Desmodium acanthocladum</i>	Thorny Pea	Vulnerable	*												
Flora	<i>Desmodium campylocaulon</i>	Creeping Tick-trefoil	Endangered						*						*	
Flora	<i>Deyeuxia appressa</i>		Endangered			*										
Flora	<i>Dichanthium setosum</i>	Bluegrass	Vulnerable	*		*	*			*	*	*				
Flora	<i>Digitaria porrecta</i>	Finger Panic Grass	Endangered						*	*	*					
Flora	<i>Dillwynia glaucula</i>	Michelago Parrot-pea	Endangered					*					*			
Flora	<i>Dillwynia tenuifolia</i>		Vulnerable		*	*	*						*			
Bird	<i>Diomedea antipodensis</i>	Antipodean Albatross	Vulnerable	*		*	*	*								
Bird	<i>Diomedea exulans</i>	Wandering Albatross	Endangered	*	*	*	*	*								
Bird	<i>Diomedea gibsoni</i>	Gibson's Albatross	Vulnerable			*	*	*								
Flora	<i>Diospyros mabacea</i>	Red-fruited Ebony	Endangered	*												
Flora	<i>Diospyros major</i> var. <i>ebenus</i>	Shiny-leaved Ebony	Endangered	*												
Reptile	<i>Diplodactylus conspicillatus</i>	Fat-tailed Diplodactylus	Endangered						*						*	
Reptile	<i>Diplodactylus elderi</i>	Jewelled Gecko	Vulnerable								*			*	*	
Reptile	<i>Diplodactylus stenodactylus</i>	Crowned Gecko	Vulnerable											*	*	
Flora	<i>Diploglottis campbellii</i>	Small-leaved Tamarind	Endangered	*												
Flora	<i>Dipteracanthus australasicus</i> subsp. <i>corynothecus</i>		Endangered												*	
Flora	<i>Discaria nitida</i>	Leafy Anchor Plant	Vulnerable					*						*		
Flora	<i>Distichlis distichophylla</i>	Australian Saltgrass	Endangered					*			*					
Flora	<i>Diuris aequalis</i>	Buttercup Doubletail	Endangered			*	*	*			*	*				
Flora	<i>Diuris arenaria</i>	Sand Doubletail	Endangered		*	*										
Flora	<i>Diuris bracteata</i>		Endangered		*		*									
Flora	<i>Diuris disposita</i>	Willawarrin Doubletail	Endangered	*												
Flora	<i>Diuris flavescens</i>	Pale Yellow Doubletail	Endangered		*											
Flora	<i>Diuris ochroma</i>	Pale Golden Moths	Endangered					*								
Flora	<i>Diuris pedunculata</i>	Small Snake Orchid	Endangered	*	*		*	*	*	*		*	*			
Flora	<i>Diuris praecox</i>	Rough Double Tail	Vulnerable	*	*											
Flora	<i>Diuris</i> sp. (Oaklands, D.L.Jones 5380)	Oaklands Diuris	Endangered											*		
Flora	<i>Diuris</i> sp. aff. <i>chrysantha</i>	Byron Bay Diuris	Endangered	*												
Flora	<i>Diuris tricolor</i>	Pine Donkey Orchid	Vulnerable		*		*	*	*	*	*	*	*	*	*	
Flora	<i>Diuris venosa</i>	Veined Doubletail	Vulnerable	*	*											
Flora	<i>Dodonaea microzyga</i> var. <i>microzyga</i>	Brilliant Hopbush	Endangered												*	
Flora	<i>Dodonaea procumbens</i>	Creeping Hop-bush	Vulnerable				*						*			
Flora	<i>Dodonaea sinuolata</i> subsp. <i>acrodentata</i>	A Hopbush	Endangered								*					

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Flora	<i>Dodonaea stenozyga</i>	Desert Hopbush	Endangered														*
Flora	<i>Doryanthes palmeri</i>	Giant Spear Lily	Vulnerable	*													
Flora	<i>Dracophyllum macranthum</i>		Vulnerable	*	*												
Bird	<i>Drymodes brunneopygia</i>	Southern Scrub-robin	Vulnerable				*					*	*	*	*	*	*
Flora	<i>Drynaria rigidula</i>	Basket Fern	Endangered	*													
Invertebrate	<i>Dryococelus australis</i>	Lord Howe Island Phasmid	Endangered	*													
Flora	<i>Dysphania plantaginella</i>		Endangered									*					
Flora	<i>Dysphania platycarpa</i>		Endangered													*	
Reptile	<i>Echiopsis curta</i>	Bardick	Endangered										*				*
Flora	<i>Eidothea hardeniana</i>	Nightcap Oak	Endangered	*													
Flora	<i>Elaeocarpus</i> sp. Rocky Creek	Minyon Quandong	Endangered	*													
Flora	<i>Elaeocarpus williamsianus</i>	Hairy Quandong	Endangered	*													
Flora	<i>Eleocharis obicis</i>	Spike-Rush	Vulnerable									*	*			*	
Flora	<i>Eleocharis tetraquetra</i>	Square-stemmed Spike-rush	Endangered	*													
Reptile	<i>Elseya belli</i>	Bell's Turtle	Vulnerable	*					*	*							
Flora	<i>Elyonurus citreus</i>	Lemon-scented Grass	Endangered	*													
Reptile	<i>Emydura macquarii</i> (Bellinger River Form)	Bellinger River Emydura	Vulnerable	*													
Flora	<i>Endiandra floydii</i>	Crystal Creek Walnut	Endangered	*													
Flora	<i>Endiandra hayesii</i>	Rusty Rose Walnut	Vulnerable	*													
Flora	<i>Endiandra muelleri</i> subsp. bracteata	Green-leaved Rose Walnut	Endangered	*													
Flora	<i>Epacris hamiltonii</i>		Endangered					*									
Flora	<i>Epacris purpurascens</i> var. purpurascens		Vulnerable		*	*	*										
Flora	<i>Epacris sparsa</i>	Sparse Heath	Vulnerable					*									
Bird	<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork	Endangered	*	*	*	*	*	*	*	*	*	*		*		*
Flora	<i>Eriocaulon australasicum</i>	Austral Pipewort	Endangered												*		
Flora	<i>Eriocaulon carsonii</i>	Salt Pipewort	Endangered													*	
Flora	<i>Erodiochrysalis eldersonii</i>	Koonamore Daisy	Endangered														*
Bird	<i>Erythrotriorchis radiatus</i>	Red Goshawk	Endangered	*	*	*	*	*	*	*					*		
Bird	<i>Esacus neglectus</i>	Beach Stone-curlew	Endangered	*	*	*	*	*			*	*					
Flora	<i>Eucalyptus alligatrix</i> subsp. miscella		Vulnerable								*						
Flora	<i>Eucalyptus approximans</i>	Barren Mountain Mallee	Vulnerable	*													
Flora	<i>Eucalyptus aquatica</i>	Broad-leaved Sally	Vulnerable				*	*									
Flora	<i>Eucalyptus benthamii</i>	Camden White Gum	Vulnerable				*										
Flora	<i>Eucalyptus boliviana</i>	Bolivia Stringybark	Vulnerable						*								

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Flora	<i>Eucalyptus caleyi</i> subsp. <i>ovendenii</i>	Ovenden's Ironbark	Vulnerable						*								
Flora	<i>Eucalyptus camfieldii</i>	Heart-leaved Stringybark	Vulnerable		*	*	*										
Flora	<i>Eucalyptus camphora</i> subsp. <i>relicta</i>	Warra Broad-leaved Sally	Endangered	*					*								
Flora	<i>Eucalyptus cannonii</i>	Capertee Stringybark	Vulnerable		*		*				*		*				
Flora	<i>Eucalyptus canobolensis</i>	Silver-Leaf Candlebark	Vulnerable								*	*	*				
Flora	<i>Eucalyptus castrensis</i>	Singleton Mallee	Endangered		*												
Flora	<i>Eucalyptus copulans</i>		Endangered				*										
Flora	<i>Eucalyptus corticosa</i>		Vulnerable		*						*						
Flora	<i>Eucalyptus dissita</i>	Gibraltar Mallee	Vulnerable	*													
Flora	<i>Eucalyptus fracta</i>	Broken Back Ironbark	Vulnerable		*	*											
Flora	<i>Eucalyptus glaucina</i>	Slaty Red Gum	Vulnerable	*	*												
Flora	<i>Eucalyptus imlayensis</i>	Imlay Mallee	Endangered					*									
Flora	<i>Eucalyptus kartzoffiana</i>	Araluen Gum	Vulnerable					*									
Flora	<i>Eucalyptus langleyi</i>	Albatross Mallee	Vulnerable					*									
Flora	<i>Eucalyptus leucoxylon</i> subsp. <i>pruinosa</i>	Yellow Gum	Vulnerable	*		*			*		*		*	*			*
Flora	<i>Eucalyptus macarthurii</i>	Camden Woollybutt	Vulnerable				*	*									
Flora	<i>Eucalyptus magnificata</i>	Northern Blue Box	Endangered	*					*								
Flora	<i>Eucalyptus mckieana</i>	McKie's Stringybark	Vulnerable						*	*							
Flora	<i>Eucalyptus microcodon</i>	Border Mallee	Endangered	*													
Flora	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	Vulnerable	*	*	*	*	*	*	*							
Flora	<i>Eucalyptus oresbia</i>	Small-fruited Mountain Gum	Vulnerable		*					*							
Flora	<i>Eucalyptus pachycalyx</i> subsp. <i>banyabba</i>	Banyabba Shiny-barked Gum	Endangered	*													
Flora	<i>Eucalyptus parramattensis</i> subsp. <i>decadens</i>		Vulnerable		*												
Flora	<i>Eucalyptus parvula</i>	Small-leaved Gum	Vulnerable					*					*				
Flora	<i>Eucalyptus pulverulenta</i>	Silver-leaved Gum	Vulnerable			*	*	*			*		*				
Flora	<i>Eucalyptus pumila</i>	Pokolbin Mallee	Vulnerable		*												
Flora	<i>Eucalyptus recurva</i>	Mongarlowe Mallee	Endangered					*									
Flora	<i>Eucalyptus robertsonii</i> subsp. <i>hemisphaerica</i>	Robertson's Peppermint	Vulnerable								*	*					
Flora	<i>Eucalyptus rubida</i> subsp. <i>barbigerorum</i>	Blackbutt Candlebark	Vulnerable	*					*	*							
Flora	<i>Eucalyptus saxatilis</i>	Suggan Buggan Mallee	Endangered					*									
Flora	<i>Eucalyptus saxicola</i>	Mt Canobolas Box	Endangered									*					
Flora	<i>Eucalyptus scoparia</i>	Wallangarra White Gum	Endangered	*		*	*	*	*								

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Flora	<i>Eucalyptus</i> sp. <i>Cattai</i>		Endangered				*									
Flora	<i>Eucalyptus sturgissiana</i>	Ettrema Mallee	Vulnerable					*								
Flora	<i>Eucalyptus tetrapleura</i>	Square-fruited Ironbark	Vulnerable	*												
Flora	<i>Euchiton nitidulus</i>	Shining Cudweed	Vulnerable					*					*		*	
Reptile	<i>Eulamprus leuraensis</i>	Blue Mountains Water skink	Endangered				*				*					
Flora	<i>Euphorbia sarcostemmoides</i>	Climbing Caustic	Endangered							*					*	
Flora	<i>Euphrasia arguta</i>		Presumed Extinct	*	*					*	*					
Flora	<i>Euphrasia bella</i>	Pretty Eyebright	Vulnerable	*												
Flora	<i>Euphrasia bowdeniae</i>		Vulnerable				*									
Flora	<i>Euphrasia ciliolata</i>	Polblue Eyebright	Vulnerable	*	*				*							
Flora	<i>Euphrasia collina</i> subsp. <i>muelleri</i>	Mueller's Eyebright	Endangered			*										
Flora	<i>Euphrasia orthocheila</i> subsp. <i>peraspera</i>	Tenterfield Eyebright	Endangered	*					*							
Flora	<i>Euphrasia ruptura</i>		Presumed Extinct							*						
Flora	<i>Euphrasia scabra</i>	Rough Eyebright	Endangered				*	*			*		*			
Bird	<i>Falco hypoleucos</i>	Grey Falcon	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	
Flora	<i>Floydia praealta</i>	Ball Nut	Vulnerable	*												
Flora	<i>Fontainea australis</i>	Southern Fontainea	Vulnerable	*												
Flora	<i>Fontainea oraria</i>	Coastal Fontainea	Critically Endangered	*			*									
Bird	<i>Fregetta grallaria</i>	White-bellied Storm-Petrel	Vulnerable	*		*	*	*								
Flora	<i>Galium australe</i>	Tangled Bedstraw	Endangered	*			*	*								
Bird	<i>Gallirallus sylvestris</i>	Lord Howe Woodhen	Endangered	*												
Flora	<i>Gaultheria viridicarpa</i> subsp. <i>viridicarpa</i>	Green Waxberry	Vulnerable	*												
Flora	<i>Geijera paniculata</i>	Axe-Breaker	Endangered	*												
Flora	<i>Genoplesium baueri</i>	Bauer's Midge Orchid	Vulnerable			*	*	*								
Flora	<i>Genoplesium insignis</i>	Variable Midge Orchid	Endangered		*											
Flora	<i>Genoplesium plumosum</i>	Tallong Midge Orchid	Critically Endangered				*	*								
Flora	<i>Genoplesium rhyoliticum</i>	Rhyolite Midge Orchid	Endangered					*								
Flora	<i>Genoplesium superbum</i>		Endangered				*	*								
Flora	<i>Genoplesium vernale</i>	East Lynne Midge Orchid	Vulnerable					*						*		
Flora	<i>Gentiana baeuerlenii</i>	Baeuerlen's Gentian	Endangered					*								

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Flora	<i>Gentiana bredboensis</i>	Bredbo Gentian	Endangered										*			
Flora	<i>Gentiana wingecarribiensis</i>	Wingecarribee Gentian	Endangered				*									
Flora	<i>Gentiana wissmannii</i>	New England Gentian	Vulnerable	*												
Flora	<i>Geodorum densiflorum</i>	Pink Nodding Orchid	Endangered	*												
Bird	<i>Geophaps scripta</i>	Squatter Pigeon	Endangered	*	*		*		*	*	*	*			*	
Flora	<i>Gingidia montana</i>	Mountain Angelica	Endangered	*												
Flora	<i>Glinus orygioides</i>		Presumed Extinct												*	
Bird	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet	Vulnerable	*		*		*			*	*	*	*		*
Flora	<i>Goodenia occidentalis</i>	Western Goodenia	Endangered												*	
Flora	<i>Goodenia</i> sp. 'Nocoleche'		Endangered												*	
Flora	<i>Gossia fragrantissima</i>	Sweet Myrtle	Endangered	*												
Flora	<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	Endangered	*		*	*	*								
Bird	<i>Grantiella picta</i>	Painted Honeyeater	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Grevillea acanthifolia</i> subsp. <i>paludosa</i>	Bog Grevillea	Endangered					*								
Flora	<i>Grevillea banyabba</i>	Banyabba Grevillea	Vulnerable	*												
Flora	<i>Grevillea beadleana</i>	Beadle's Grevillea	Endangered	*		*			*							
Flora	<i>Grevillea caleyi</i>	Caley's Grevillea	Endangered	*		*	*									
Flora	<i>Grevillea divaricata</i>		Endangered								*					
Flora	<i>Grevillea evansiana</i>	Evans Grevillea	Vulnerable				*				*					
Flora	<i>Grevillea guthrieana</i>	Guthrie's Grevillea	Endangered	*	*											
Flora	<i>Grevillea hilliania</i>	White Silky Oak/Yiel Yiel	Endangered	*												
Flora	<i>Grevillea iaspicula</i>	Wee Jasper Grevillea	Endangered										*			
Flora	<i>Grevillea juniperina</i> subsp. <i>juniperina</i>	Juniper-leaved Grevillea	Vulnerable				*									
Flora	<i>Grevillea kennedyana</i>	Flame Spider Flower	Vulnerable												*	
Flora	<i>Grevillea masonii</i>	Mason's Grevillea	Endangered	*												
Flora	<i>Grevillea mollis</i>	Soft Grevillea	Endangered	*												
Flora	<i>Grevillea molyneuxii</i>	Wingello Grevillea	Vulnerable					*								
Flora	<i>Grevillea nematophylla</i>	Silver-leaved Water Tree	Presumed Extinct												*	
Flora	<i>Grevillea obtusiflora</i>		Endangered								*					
Flora	<i>Grevillea parviflora</i> subsp. <i>parviflora</i>	Small-flower Grevillea	Vulnerable		*	*	*									
Flora	<i>Grevillea parviflora</i> subsp. <i>supplicans</i>		Endangered				*									
Flora	<i>Grevillea quadricauda</i>	Four-tailed Grevillea	Vulnerable	*												
Flora	<i>Grevillea renwickiana</i>	Nerriga Grevillea	Endangered					*								

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Flora	<i>Grevillea rhizomatosa</i>	Gibraltar Grevillea	Vulnerable	*													
Flora	<i>Grevillea rivularis</i>	Carrington Falls Grevillea	Endangered				*	*									
Flora	<i>Grevillea scortechinii</i> subsp. <i>sarmentosa</i>	Backwater Grevillea	Vulnerable	*					*								
Flora	<i>Grevillea shiressii</i>		Vulnerable	*	*		*										
Flora	<i>Grevillea wilkinsonii</i>	Tumut Grevillea	Endangered										*				
Bird	<i>Grus rubicunda</i>	Brolga	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Gygis alba</i>	White Tern	Vulnerable	*	*	*	*	*									
Flora	<i>Gyrostemon thesioides</i>		Endangered			*	*										
Bird	<i>Haematopus fuliginosus</i>	Sooty Oystercatcher	Vulnerable	*	*	*	*	*					*				
Bird	<i>Haematopus longirostris</i>	Pied Oystercatcher	Vulnerable	*	*	*	*	*	*				*				
Flora	<i>Hakea archaeoides</i>	Big Nellie Hakea	Vulnerable	*	*												
Flora	<i>Hakea dohertyi</i>	Kowmung Hakea	Endangered			*	*										
Flora	<i>Hakea fraseri</i>	Gorge Hakea	Vulnerable	*													
Flora	<i>Hakea pulvinifera</i>	Lake Keepit Hakea	Endangered						*	*							
Flora	<i>Haloragis exalata</i> subsp. <i>exalata</i>	Square Raspwort	Vulnerable		*		*	*							*		
Flora	<i>Haloragis exalata</i> subsp. <i>velutina</i>	Tall Velvet Sea-berry	Vulnerable	*	*					*							
Flora	<i>Haloragodendron lucasii</i>		Endangered			*	*										
Bird	<i>Hamirostra melanosternon</i>	Black-breasted Buzzard	Vulnerable	*	*		*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Hedyotis galioides</i>	Sweet False Galium	Endangered	*											*		
Amphibian	<i>Heleioporus australiacus</i>	Giant Burrowing Frog	Vulnerable		*	*	*	*			*		*				
Flora	<i>Hibbertia hexandra</i>	Tree Guinea Flower	Endangered	*													
Flora	<i>Hibbertia marginata</i>	Bordered Guinea Flower	Vulnerable	*													
Flora	<i>Hibbertia procumbens</i>	Spreading Guinea Flower	Endangered		*		*				*						
Flora	<i>Hibbertia puberula</i>		Endangered			*	*										
Flora	<i>Hibbertia superans</i>		Endangered	*		*	*										
Flora	<i>Hicksbeachia pinnatifolia</i>	Red Boppel Nut	Vulnerable	*													
Flora	<i>Homoranthus binghiensis</i>	Binghi Homoranthus	Endangered						*								
Flora	<i>Homoranthus bornhardtensis</i>	Barraba Homoranthus	Endangered							*							
Flora	<i>Homoranthus croftianus</i>	Bolivia Homoranthus	Endangered						*								
Flora	<i>Homoranthus darwinioides</i>		Vulnerable		*						*						
Flora	<i>Homoranthus lunatus</i>	Crescent-leaved Homoranthus	Vulnerable	*					*								
Flora	<i>Homoranthus prolixus</i>	Granite Homoranthus	Vulnerable	*					*	*	*						
Reptile	<i>Hoplocephalus bitorquatus</i>	Pale-headed Snake	Vulnerable	*	*		*		*	*	*				*		
Reptile	<i>Hoplocephalus bungaroides</i>	Broad-headed Snake	Endangered		*	*	*	*			*						
Reptile	<i>Hoplocephalus stephensii</i>	Stephens' Banded Snake	Vulnerable	*	*		*		*		*						

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Fungi	<i>Hygrocybe anomala</i> var. <i>ianthinomarginata</i>		Vulnerable			*											
Fungi	<i>Hygrocybe aurantipes</i>		Vulnerable			*											
Fungi	<i>Hygrocybe austropratensis</i>		Endangered			*											
Fungi	<i>Hygrocybe collucera</i>		Endangered			*											
Fungi	<i>Hygrocybe griseoramosa</i>		Endangered			*											
Fungi	<i>Hygrocybe lanecovensii</i>		Endangered			*											
Fungi	<i>Hygrocybe reesiaae</i>		Vulnerable			*											
Fungi	<i>Hygrocybe rubronivea</i>		Vulnerable			*											
Bird	<i>Hylacola cauta</i>	Shy Heathwren	Vulnerable			*				*	*	*	*	*	*	*	*
Flora	<i>Hypsela sessiliflora</i>		Endangered			*	*										
Flora	<i>Indigofera baileyi</i>	Bailey's Indigo	Endangered	*						*							
Flora	<i>Indigofera efoliata</i>	Leafless Indigo	Endangered								*						
Flora	<i>Indigofera helmsii</i>	Indigo	Endangered													*	
Flora	<i>Indigofera leucotricha</i>	Silver Indigo	Endangered													*	
Flora	<i>Indigofera longibractea</i>	Showy Indigo	Endangered													*	
Flora	<i>Ipomoea diamantinensis</i>	Desert Cow-Vine	Endangered							*						*	
Flora	<i>Ipomoea polymorpha</i>	Silky Cow-Vine	Endangered													*	
Bird	<i>Irediparra gallinacea</i>	Comb-crested Jacana	Vulnerable	*	*	*	*	*	*	*	*						
Flora	<i>Irenepharsus magicus</i>	Elusive Cress	Endangered												*		
Flora	<i>Irenepharsus trypherus</i>	Illawarra Irene	Endangered						*								
Flora	<i>Isoglossa eranthemoides</i>	Isoglossa	Endangered	*													
Mammal	<i>Isoodon auratus auratus</i>	Golden Bandicoot (mainland)	Presumed Extinct							*	*				*	*	
Mammal	<i>Isoodon obesulus obesulus</i>	Southern Brown Bandicoot (eastern)	Endangered	*	*	*	*	*			*		*	*	*		
Flora	<i>Isopogon fletcheri</i>	Fletcher's Drumstricks	Vulnerable				*										
Bird	<i>Ixobrychus flavicollis</i>	Black Bittern	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Kennedia retrorsa</i>		Vulnerable	*	*		*										
Mammal	<i>Kerivoula papuensis</i>	Golden-tipped Bat	Vulnerable	*	*		*	*	*				*				
Flora	<i>Kippistia suaedifolia</i>	Fleshy Minuria	Endangered									*			*	*	
Flora	<i>Knoxia sumatrensis</i>		Presumed Extinct	*													
Flora	<i>Kunzea cambagei</i>	Cabbage Kunzea	Vulnerable				*					*					
Flora	<i>Kunzea rupestris</i>		Vulnerable				*										
Mammal	<i>Lagorchestes leporides</i>	Eastern Hare-wallaby	Presumed Extinct							*	*	*					*
Flora	<i>Lasiopetalum behrii</i>	Pink Velvet Bush	Endangered														*

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Flora	Lasiopetalum joyceae		Vulnerable			*	*									
Flora	Lasiopetalum longistamineum		Vulnerable		*											
Mammal	Lasiorhinus krefftii	Northern Hairy-nosed Wombat	Presumed Extinct											*		
Mammal	Lasiorhinus latifrons	Southern Hairy-nosed Wombat	Endangered													*
Flora	Lastreopsis hispida	Bristly Shield Fern	Endangered		*		*	*								
Bird	Lathamus discolor	Swift Parrot	Endangered	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	Leggadina forresti	Forrest's Mouse	Vulnerable												*	*
Flora	Leionema lachnaeoides		Endangered				*									
Flora	Leionema ralstonii	Ralston's Leionema	Vulnerable					*								
Flora	Leionema sympetalum	Rylstone Bell	Vulnerable				*				*	*				
Bird	Leipoa ocellata	Malleefowl	Endangered		*		*			*	*	*	*		*	*
Flora	Lepiderema pulchella	Fine-leaved Tuckeroo	Vulnerable	*												
Flora	Lepidium aschersonii	Spiny Peppercross	Vulnerable						*	*	*	*	*			
Flora	Lepidium foliosum		Presumed Extinct					*								
Flora	Lepidium hyssopifolium	Aromatic Peppercross	Endangered	*	*						*	*	*	*	*	
Flora	Lepidium monoplocoides	Winged Peppercross	Endangered								*	*	*	*	*	*
Flora	Lepidium peregrinum	Wandering Pepper Cress	Endangered						*							
Flora	Lepidosperma evansianum	Evans Sedge	Vulnerable				*									
Mammal	Leporillus apicalis	Lesser Stick-nest Rat	Presumed Extinct							*				*		*
Mammal	Leporillus conditor	Greater Stick-nest Rat	Presumed Extinct			*	*			*	*			*		*
Flora	Leptorhynchus orientalis	Lanky Buttons	Endangered								*			*		
Flora	Leptorhynchus waitzia	Button Immortelle	Endangered													*
Flora	Leptospermum deanei		Vulnerable			*	*									
Flora	Leptospermum thompsonii	Monga Tea Tree	Vulnerable					*								
Reptile	Lerista xanthura	Yellow-tailed Plain Slider	Vulnerable											*		*
Flora	Leucopogon confertus	Torrington Beard-heath	Endangered	*					*							
Flora	Leucopogon exolasius	Woronora Beard-heath	Vulnerable			*	*									
Flora	Leucopogon fletcheri subsp. fletcheri		Endangered			*	*									
Reptile	Liasis stimsoni	Stimson's Python	Vulnerable											*		
Bird	Lichenostomus cratitius	Purple-gaped Honeyeater	Vulnerable				*					*	*			*
Bird	Lichenostomus fasciularis	Mangrove Honeyeater	Vulnerable	*	*											
Bird	Limicola falcinellus	Broad-billed Sandpiper	Vulnerable	*	*	*	*	*								*

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Bird	<i>Limosa limosa</i>	Black-tailed Godwit	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Lindernia alsinoides</i>	Noah's False Chickweed	Endangered	*	*												
Flora	<i>Lindsaea brachypoda</i>	Short-footed Screw Fern	Endangered	*													
Flora	<i>Lindsaea fraseri</i>	Fraser's Screw Fern	Endangered	*	*												
Flora	<i>Lindsaea incisa</i>	Slender Screw Fern	Endangered	*	*												
Amphibian	<i>Litoria aurea</i>	Green and Golden Bell Frog	Endangered	*	*	*	*	*	*		*	*	*				
Amphibian	<i>Litoria booroolongensis</i>	Booroolong Frog	Endangered	*	*		*	*	*	*	*	*	*	*			
Amphibian	<i>Litoria brevipalmata</i>	Green-thighed Frog	Vulnerable	*	*	*	*	*									
Amphibian	<i>Litoria castanea</i>	Yellow-spotted Tree frog	Endangered	*			*	*	*		*	*	*				
Amphibian	<i>Litoria daviesae</i>	Davies' Tree Frog	Vulnerable	*	*					*							
Amphibian	<i>Litoria littlejohni</i>	Littlejohn's Tree Frog	Vulnerable		*	*	*	*					*				
Amphibian	<i>Litoria olongburensis</i>	Olongburra Frog	Vulnerable	*	*												
Amphibian	<i>Litoria piperata</i>	Peppered Frog	Vulnerable	*					*								
Amphibian	<i>Litoria raniformis</i>	Southern Bell Frog	Endangered		*		*	*			*	*	*	*			*
Amphibian	<i>Litoria spenceri</i>	Spotted Frog	Endangered					*						*			
Amphibian	<i>Litoria subglandulosa</i>	Glandular Frog	Vulnerable	*	*				*	*							
Amphibian	<i>Litoria verreauxii alpina</i>	Alpine Tree Frog	Endangered				*	*					*	*			
Bird	<i>Lophoictinia isura</i>	Square-tailed Kite	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Lysimachia vulgaris</i> var. <i>davurica</i>	Yellow Loosestrife	Endangered				*	*									
Flora	<i>Macadamia tetraphylla</i>	Rough-shelled Bush Nut	Vulnerable	*	*	*	*										
Fish	<i>Maccullochella ikei</i>	Eastern Freshwater Cod	Endangered	*													
Fish	<i>Maccullochella macquariensis</i>	Trout cod	Endangered			*	*	*		*	*		*	*	*	*	*
Fish	<i>Macquaria australasica</i>	Macquarie Perch	Endangered		*	*	*	*	*			*	*	*	*	*	*
Bird	<i>Macronectes giganteus</i>	Southern Giant Petrel	Endangered	*	*	*	*	*									
Bird	<i>Macronectes halli</i>	Northern Giant-Petrel	Vulnerable	*	*	*	*	*					*				
Mammal	<i>Macropus dorsalis</i>	Black-striped Wallaby	Endangered	*	*		*		*	*							
Mammal	<i>Macropus parma</i>	Parma Wallaby	Vulnerable	*	*		*	*			*						
Mammal	<i>Macrotis lagotis</i>	Bilby	Presumed Extinct				*	*	*		*	*	*		*		*
Flora	<i>Macrozamia humilis</i>	Inverell Cycad	Endangered						*								
Flora	<i>Macrozamia johnsonii</i>	Johnson's Cycad	Endangered	*													
Flora	<i>Maireana cheelii</i>	Chariot Wheels	Vulnerable										*	*	*		
Flora	<i>Maireana lanosa</i>		Presumed Extinct											*		*	*
Bird	<i>Manorina melanotis</i>	Black-eared Miner	Endangered				*				*		*				*
Flora	<i>Marsdenia longiloba</i>	Slender Marsdenia	Endangered	*	*												
Mammal	<i>Mastacomys fuscus</i>	Broad-toothed Rat	Vulnerable		*			*					*	*			

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Flora	<i>Maundia triglochinos</i>		Vulnerable	*	*	*											
Flora	<i>Melaleuca biconvexa</i>	Biconvex Paperbark	Vulnerable	*	*	*	*	*									
Flora	<i>Melaleuca deanei</i>	Deane's Paperbark	Vulnerable	*	*	*	*	*									
Flora	<i>Melaleuca groveana</i>	Grove's Paperbark	Vulnerable	*	*		*		*								
Flora	<i>Melaleuca irbyana</i>	Weeping Paperbark	Endangered	*													
Flora	<i>Melaleuca</i> sp. Megalong Valley	Megalong Valley Bottlebrush	Vulnerable				*										
Bird	<i>Melanodryas cucullata cucullata</i>	Hooded Robin (south-eastern form)	Vulnerable	*	*		*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Melichrus hirsutus</i>	Hairy Melichrus	Endangered	*													
Flora	<i>Melichrus</i> sp. Gibberagee	Narrow-leaf Melichrus	Endangered	*													
Flora	<i>Melicope vitiflora</i>	Coast Euodia	Endangered	*													
Bird	<i>Meliphaga melanogaster melanogaster</i>	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Menura alberti</i>	Albert's Lyrebird	Vulnerable	*			*	*			*						
Invertebrate	<i>Meridolum corneovirens</i>	Cumberland Plain Land Snail	Endangered			*	*										
Flora	<i>Micromelum minutum</i>		Presumed Extinct	*													
Flora	<i>Micromyrtus blakelyi</i>		Vulnerable				*										
Flora	<i>Micromyrtus grandis</i>	Severn River Heath-myrtle	Endangered						*								
Flora	<i>Micromyrtus minutiflora</i>		Endangered				*										
Flora	<i>Microstrobos fitzgeraldii</i>	Blue Mountains Pine	Endangered				*										
Flora	<i>Microtis angusii</i>	Angus's Onion Orchid	Endangered				*										
Mammal	<i>Miniopterus australis</i>	Little Bentwing-bat	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Miniopterus schreibersii oceanensis</i>	Eastern Bentwing-bat	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Mitrasacme pygmaea</i>	Pygmy Bishop's Hat	Endangered	*													
Amphibian	<i>Mixophyes balbus</i>	Stuttering Frog	Endangered	*	*	*	*	*	*		*	*	*				
Amphibian	<i>Mixophyes fleayi</i>	Fleay's Barred Frog	Endangered	*													
Amphibian	<i>Mixophyes iteratus</i>	Giant Barred Frog	Endangered	*	*		*	*			*						
Fish	<i>Mogurnda adspersa</i>	Purple Spotted Gudgeon	Endangered	*					*		*		*			*	
Bird	<i>Monarcha leucotis</i>	White-eared Monarch	Vulnerable	*	*		*	*									
Flora	<i>Monotaxis macrophylla</i>	Large-leafed Monotaxis	Endangered	*	*			*	*		*	*					
Flora	<i>Monotoca rotundifolia</i>	Trailing Monotoca	Endangered					*				*					
Mammal	<i>Mormopterus</i> "Species 6"	Hairy-nosed Freetail Bat	Endangered						*							*	
Mammal	<i>Mormopterus beccarii</i>	Beccari's Freetail-bat	Vulnerable	*					*								
Mammal	<i>Mormopterus norfolkensis</i>	Eastern Freetail-bat	Vulnerable	*	*	*	*	*		*	*		*			*	
Flora	<i>Muehlenbeckia costata</i>	Scrambling Lignum	Vulnerable	*	*				*								
Flora	<i>Muellerina myrtifolia</i>	Myrtle-leaf Mistletoe	Endangered	*													

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Mammal	<i>Myotis adversus</i>	Large-footed Myotis	Vulnerable	*	*	*	*	*	*			*	*	*	*		*
Mammal	<i>Myrmecobius fasciatus</i>	Numbat	Presumed Extinct														*
Fish	<i>Nannoperca australis</i>	Southern pygmy perch	Endangered									*	*	*			
Fish	<i>Nannoperca oxleyana</i>	Oxleyan pygmy perch	Endangered	*													
Flora	<i>Nematolepis rhytidophylla</i>	Nalbaugh Nematolepis	Vulnerable					*									
Flora	<i>Neostelia spectabilis</i>	Silver Sword Lily	Vulnerable	*													
Amphibian	<i>Neobatrachus pictus</i>	Painted Burrowing Frog	Endangered														*
Bird	<i>Neochmia ruficauda</i>	Star Finch	Presumed Extinct			*	*		*	*							
Bird	<i>Neophema chrysogaster</i>	Orange-bellied Parrot	Critically Endangered	*		*	*	*			*			*	*	*	*
Bird	<i>Neophema pulchella</i>	Turquoise Parrot	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Neophema splendida</i>	Scarlet-chested Parrot	Vulnerable	*					*		*	*	*	*	*	*	*
Bird	<i>Nettapus coromandelianus</i>	Cotton Pygmy-Goose	Endangered	*	*	*	*		*		*						*
Mammal	<i>Ningau i yvonneae</i>	Southern Ningau i	Vulnerable								*	*			*	*	*
Bird	<i>Ninox connivens</i>	Barking Owl	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Ninox strenua</i>	Powerful Owl	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Algae	<i>Nitella partita</i>		Endangered														*
Mammal	<i>Notomys cervinus</i>	Fawn Hopping-mouse	Presumed Extinct														*
Mammal	<i>Notomys fuscus</i>	Dusky Hopping-mouse	Endangered														*
Mammal	<i>Notomys longicaudatus</i>	Long-tailed Hopping-mouse	Presumed Extinct														*
Mammal	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	Presumed Extinct									*	*				*
Invertebrate	<i>Notopala sublineata</i>	River snail	Endangered							*	*	*	*	*	*	*	*
Invertebrate	<i>Nurus atlas</i>	Atlas Rainforest Ground-beetle	Endangered	*													
Invertebrate	<i>Nurus brevis</i>	Shorter Rainforest Ground-beetle	Endangered	*													
Mammal	<i>Nyctimene robinsoni</i>	Eastern Tube-nosed Bat	Vulnerable	*	*							*					
Mammal	<i>Nyctophilus bifax</i>	Eastern Long-eared Bat	Vulnerable	*													
Mammal	<i>Nyctophilus timoriensis</i>	Eastern Long-eared Bat	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Oberonia complanata</i>	Yellow-flowered King of the Fairies	Endangered	*													
Flora	<i>Oberonia titania</i>	Red-flowered King of the Fairies	Vulnerable	*													

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Flora	<i>Ochrosia moorei</i>	Southern Ochrosia	Endangered	*													
Invertebrate	<i>Ocybadistes knightorum</i>	Black Grass-dart Butterfly	Endangered	*													
Reptile	<i>Oedura rhombifer</i>	Zigzag Velvet Gecko	Endangered						*								
Flora	<i>Olax angulata</i>	Square-stemmed Olax	Vulnerable	*													
Flora	<i>Olearia cordata</i>		Vulnerable		*		*										
Flora	<i>Olearia flocktoniae</i>	Dorrigo Daisy Bush	Endangered	*													
Mammal	<i>Onychogalea fraenata</i>	Bridled Nailtail Wallaby	Presumed Extinct	*					*	*		*	*	*	*	*	*
Mammal	<i>Onychogalea lunata</i>	Crescent Nailtail Wallaby	Presumed Extinct														*
Flora	<i>Osteocarpum pentapterum</i>		Presumed Extinct									*				*	
Flora	<i>Osteocarpum scleropterum</i>	Squash Bush	Endangered													*	
Flora	<i>Owenia cepiodora</i>	Onion Cedar	Vulnerable	*													
Bird	<i>Oxyura australis</i>	Blue-billed Duck	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Reptile	<i>Oxyuranus microlepidotus</i>	Fierce Snake	Presumed Extinct													*	
Flora	<i>Ozothamnus tessellatus</i>		Vulnerable		*		*										
Bird	<i>Pachycephala inornata</i>	Gilbert's Whistler	Vulnerable	*			*			*	*	*	*	*	*	*	*
Bird	<i>Pachycephala olivacea</i>	Olive Whistler	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Pachycephala pectoralis contempa</i>	Golden Whistler (Lord Howe Is. subsp.)	Vulnerable	*								*					
Bird	<i>Pachycephala rufogularis</i>	Red-lored Whistler	Endangered			*	*			*	*	*	*	*	*	*	*
Bird	<i>Pandion haliaetus</i>	Osprey	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Invertebrate	<i>Panesthia lata</i>	Lord Howe Island wood-feeding cockroach	Endangered	*													
Invertebrate	<i>Paralucia spinifera</i>	Bathurst Copper Butterfly	Endangered				*				*						
Flora	<i>Parsonsia dorrigoensis</i>	Milky Silkpod	Vulnerable	*	*												
Bird	<i>Pedionomus torquatus</i>	Plains-wanderer	Endangered		*	*	*	*		*	*	*	*	*	*	*	*
Mammal	<i>Perameles bougainville fasciata</i>	Western Barred Bandicoot (mainland)	Presumed Extinct							*					*	*	
Invertebrate	<i>Pericryptodrilus nanus</i>	Lord Howe Earthworm	Endangered	*													
Flora	<i>Peristeranthus hillii</i>	Brown Fairy-chain Orchid	Vulnerable	*													
Flora	<i>Persicaria elatior</i>	Tall Knotweed	Vulnerable	*	*		*	*									
Flora	<i>Persoonia acerosa</i>	Needle Geebung	Vulnerable				*										
Flora	<i>Persoonia bargoensis</i>	Bargo Geebung	Endangered			*	*										
Flora	<i>Persoonia glaucescens</i>	Mittagong Geebung	Endangered				*	*									

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Flora	<i>Persoonia hindii</i>		Endangered				*									
Flora	<i>Persoonia hirsuta</i>	Hairy Geebung	Endangered			*	*									
Flora	<i>Persoonia laxa</i>		Presumed Extinct			*	*									
Flora	<i>Persoonia marginata</i>	Clandulla Geebung	Vulnerable								*					
Flora	<i>Persoonia mollis</i> subsp. maxima		Endangered				*									
Flora	<i>Persoonia nutans</i>	Nodding Geebung	Endangered		*	*	*									
Flora	<i>Persoonia pauciflora</i>	North Rothbury Persoonia	Critically Endangered		*											
Invertebrate	<i>Petalura gigantea</i>	Giant Dragonfly	Endangered	*	*	*	*	*								
Invertebrate	<i>Petalura litorea</i>	Coastal Petaltail	Endangered	*												
Mammal	<i>Petaurus australis</i>	Yellow-bellied Glider	Vulnerable	*	*	*	*	*	*	*	*	*	*	*		
Mammal	<i>Petaurus norfolcensis</i>	Squirrel Glider	Vulnerable	*	*	*	*	*	*	*	*	*	*	*		
Mammal	<i>Petrogale penicillata</i>	Brush-tailed Rock-wallaby	Endangered	*	*	*	*	*	*	*	*	*	*	*	*	
Mammal	<i>Petrogale xanthopus</i>	Yellow-footed Rock-wallaby	Endangered												*	
Bird	<i>Petroica rodinogaster</i>	Pink Robin	Vulnerable		*	*	*	*			*			*		*
Bird	<i>Pezoporus occidentalis</i>	Night Parrot	Presumed Extinct								*	*		*		*
Bird	<i>Pezoporus wallicus wallicus</i>	Eastern Ground Parrot	Vulnerable	*	*	*	*	*			*		*			
Bird	<i>Phaethon rubricauda</i>	Red-tailed Tropicbird	Vulnerable	*	*	*	*	*	*	*	*				*	
Flora	<i>Phaius australis</i>	Southern Swamp Orchid	Endangered	*												
Flora	<i>Phaius tankarvilleae</i>	Lady Tankarville's Swamp Orchid	Endangered	*												
Bird	<i>Phaps histrionica</i>	Flock Bronzewing	Endangered	*					*	*	*	*			*	
Mammal	<i>Phascogale calura</i>	Red-tailed Phascogale	Presumed Extinct													*
Mammal	<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	
Mammal	<i>Phascolarctos cinereus</i>	Koala	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Phebalium bifidum</i>		Endangered				*									
Flora	<i>Phebalium glandulosum</i> subsp. eglandulosum	Rusty Desert Phebalium	Endangered						*							
Amphibian	<i>Phyllorhina kundagungan</i>	Mountain Frog	Endangered	*												
Amphibian	<i>Phyllorhina loveridgei</i>	Loveridge's Frog	Endangered	*												
Amphibian	<i>Phyllorhina pughi</i>		Endangered	*					*							
Amphibian	<i>Phyllorhina richmondensis</i>		Endangered	*												
Amphibian	<i>Phyllorhina sphagnicolus</i>	Sphagnum Frog	Vulnerable	*	*				*							

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Flora	<i>Philotheca angustifolia</i> subsp. <i>angustifolia</i>		Presumed Extinct										*				
Flora	<i>Philotheca ericifolia</i>		Vulnerable		*		*			*	*	*					
Flora	<i>Philotheca myoporoides</i> subsp. <i>obovatifolia</i>	Mountain Wax-flower	Endangered	*													
Bird	<i>Phoebetria fusca</i>	Sooty Albatross	Vulnerable	*	*	*	*	*									
Flora	<i>Phyllanthus maderaspatanus</i>	<i>Phyllanthus maderaspatensis</i>	Endangered													*	*
Flora	<i>Phyllanthus microcladus</i>	Brush Sauropus	Endangered	*													
Invertebrate	<i>Phyllodes imperialis</i> southern subspecies	Pink Underwing Moth	Endangered	*													
Flora	<i>Phyllota humifusa</i>	Dwarf Phyllota	Vulnerable				*	*									
Flora	<i>Picris evae</i>	Hawkweed	Vulnerable	*	*				*								
Flora	<i>Pilularia novae-hollandiae</i>	Austral Pillwort	Endangered				*	*			*	*	*				
Flora	<i>Pimelea axiflora</i> subsp. <i>pubescens</i>		Endangered					*									
Flora	<i>Pimelea curviflora</i> var. <i>curviflora</i>		Vulnerable			*	*										
Flora	<i>Pimelea elongata</i>	Rice Flower	Endangered													*	
Flora	<i>Pimelea serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme Rice-Flower	Endangered														*
Flora	<i>Pimelea spicata</i>	Spiked Rice-flower	Endangered			*	*	*									
Flora	<i>Pimelea venosa</i>	Bolivia Hill Pimelea	Endangered						*								
Invertebrate	<i>Placostylus bivaricosus</i>	Lord Howe Placostylus	Endangered	*													
Mammal	<i>Planigale maculata</i>	Common Planigale	Vulnerable	*	*												
Flora	<i>Platyzoma microphyllum</i>	Braid Fern	Endangered						*								
Flora	<i>Plectranthus allopectus</i>	Narrow-leaved Plectranthus	Endangered	*						*							
Flora	<i>Plectranthus nitidus</i>	Nightcap Plectranthus	Endangered	*						*							
Flora	<i>Plinthanthesis rodwayi</i>	Budawang's Wallaby Grass	Endangered					*									
Bird	<i>Podargus ocellatus</i>	Marbled Frogmouth	Vulnerable	*	*								*				
Bird	<i>Poephila cincta cincta</i>	Black-throated Finch (southern subspecies)	Endangered	*	*				*	*	*						
Flora	<i>Polycarpaea spirostylis</i> subsp. <i>glabra</i>		Endangered													*	
Flora	<i>Polygala liniifolia</i>	Native Milkwort	Endangered	*					*	*						*	
Bird	<i>Polytelis anthopeplus</i> <i>monarchoides</i>	Regent Parrot (eastern subsp.)	Endangered		*	*	*	*				*	*	*			*
Bird	<i>Polytelis swainsonii</i>	Superb Parrot	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Pomaderris adnata</i>	Sublime Point Pomaderris	Endangered				*	*									
Flora	<i>Pomaderris bodalla</i>	Bodalla Pomaderris	Vulnerable		*			*									

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Flora	<i>Pomaderris brunnea</i>	Brown Pomaderris	Vulnerable		*		*					*				
Flora	<i>Pomaderris cotoneaster</i>	Cotoneaster Pomaderris	Endangered				*	*					*			
Flora	<i>Pomaderris delicata</i>	Delicate Pomaderris	Endangered				*	*								
Flora	<i>Pomaderris elachophylla</i>	Lacy Pomaderris	Endangered					*								
Flora	<i>Pomaderris gilmourii</i> var. <i>cana</i>	Grey Deua Pomaderris	Vulnerable					*								
Flora	<i>Pomaderris notata</i>	McPherson Range Pomaderris	Vulnerable	*												
Flora	<i>Pomaderris oraria</i>		Presumed Extinct												*	*
Flora	<i>Pomaderris pallida</i>	Pale Pomoderris	Vulnerable					*						*		
Flora	<i>Pomaderris parrisiae</i>	Parris' Pomaderris	Vulnerable					*								
Flora	<i>Pomaderris queenslandica</i>	Scant Pomaderris	Endangered	*	*				*	*	*					
Flora	<i>Pomaderris reperta</i>	Denman Pomaderris	Endangered		*											
Flora	<i>Pomaderris sericea</i>	Silky Pomaderris	Endangered		*		*	*								
Flora	<i>Pomaderris walshii</i>		Critically Endangered					*								
Bird	<i>Pomatostomus halli</i>	Hall's Babbler	Vulnerable												*	
Bird	<i>Pomatostomus temporalis</i> (eastern subspecies)	Grey-crowned Babbler	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Mammal	<i>Potorous longipes</i>	Long-footed Potoroo	Endangered					*								
Mammal	<i>Potorous tridactylus</i>	Long-nosed Potoroo	Vulnerable	*	*		*	*	*				*			
Flora	<i>Prasophyllum affine</i>	Jervis Bay Leek Orchid	Endangered					*								
Flora	<i>Prasophyllum bagoensis</i>	Bago Leek Orchid	Endangered										*	*		
Flora	<i>Prasophyllum canaliculatum</i>		Critically Endangered					*								
Flora	<i>Prasophyllum fuscum</i>	Slaty Leek Orchid	Vulnerable		*	*	*									
Flora	<i>Prasophyllum innubum</i>		Critically Endangered										*			
Flora	<i>Prasophyllum keltonii</i>		Critically Endangered										*			
Flora	<i>Prasophyllum petilum</i>	Tarengo Leek Orchid	Endangered							*	*					
Flora	<i>Prasophyllum retroflexum</i>	Kiandra Leek Orchid	Vulnerable					*					*			
Flora	<i>Prasophyllum</i> sp. 'Moama'		Critically Endangered											*		
Flora	<i>Prasophyllum uroglossum</i>	Wingecarribee Leek Orchid	Endangered				*	*								
Bird	<i>Procelsterna cerulea</i>	Grey Ternlet	Vulnerable	*	*	*	*	*								
Flora	<i>Prostanthera askania</i>	Tranquility Mintbush	Endangered		*		*	*								
Flora	<i>Prostanthera cineolifera</i>	Singleton Mint Bush	Vulnerable	*	*		*									

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Flora	<i>Prostanthera cryptandroides</i> subsp. <i>cryptandroides</i>	Wollemi Mint-bush	Vulnerable		*		*					*	*				
Flora	<i>Prostanthera densa</i>	Villous Mint-bush	Vulnerable		*	*		*									
Flora	<i>Prostanthera discolor</i>		Vulnerable		*												
Flora	<i>Prostanthera junonis</i>	Somersby Mintbush	Endangered		*	*	*										
Flora	<i>Prostanthera marifolia</i>		Critically Endangered		*	*	*	*									
Flora	<i>Prostanthera palustris</i>	Swamp Mint-bush	Vulnerable	*													
Flora	<i>Prostanthera spinosa</i>	Spiny Mint-bush	Vulnerable	*								*					
Flora	<i>Prostanthera stricta</i>		Vulnerable		*		*					*					
Bird	<i>Psephotus pulcherrimus</i>	Paradise Parrot	Presumed Extinct	*						*							
Flora	<i>Pseudanthus ovalifolius</i>	Oval-leafed Pseudanthus	Endangered	*				*									
Mammal	<i>Pseudomys apodemoides</i>	Silky Mouse	Endangered								*					*	
Mammal	<i>Pseudomys australis</i>	Plains Rat	Presumed Extinct								*					*	
Mammal	<i>Pseudomys bolami</i>	Bolam's Mouse	Endangered													*	*
Mammal	<i>Pseudomys delicatulus</i>	Delicate Mouse	Endangered							*							
Mammal	<i>Pseudomys desertor</i>	Desert Mouse	Presumed Extinct													*	*
Mammal	<i>Pseudomys fumeus</i>	Smoky Mouse	Endangered					*					*	*			
Mammal	<i>Pseudomys gouldii</i>	Gould's Mouse	Presumed Extinct						*	*						*	*
Mammal	<i>Pseudomys gracilicaudatus</i>	Eastern Chestnut Mouse	Vulnerable	*	*	*	*	*	*								
Mammal	<i>Pseudomys hermannsburgensis</i>	Sandy Inland Mouse	Vulnerable				*									*	
Mammal	<i>Pseudomys oralis</i>	Hastings River Mouse	Endangered	*	*			*	*	*	*						
Mammal	<i>Pseudomys pilligaensis</i>	Pilliga Mouse	Vulnerable							*	*						
Reptile	<i>Pseudonaja modesta</i>	Ringed Brown Snake	Endangered													*	*
Amphibian	<i>Pseudophryne australis</i>	Red-crowned Toadlet	Vulnerable	*	*	*	*	*			*						
Amphibian	<i>Pseudophryne corroboree</i>	Southern Corroboree Frog	Endangered					*				*	*				
Amphibian	<i>Pseudophryne pengilleyi</i>	Northern Corroboree Frog	Vulnerable									*	*				
Flora	<i>Psilotum complanatum</i>	Flat Fork Fern	Endangered	*													
Bird	<i>Pterodroma leucoptera leucoptera</i>	Gould's Petrel	Endangered	*	*	*	*	*									
Bird	<i>Pterodroma neglecta neglecta</i>	Kermadec Petrel (west Pacific subspecies)	Vulnerable	*	*	*	*	*									
Bird	<i>Pterodroma nigripennis</i>	Black-winged Petrel	Vulnerable	*	*	*	*	*									

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Bird	<i>Pterodroma solandri</i>	Providence Petrel	Vulnerable	*	*	*	*	*								
Mammal	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Vulnerable	*	*	*	*	*	*	*	*	*	*			
Flora	<i>Pterostylis cobarensis</i>	Greenhood Orchid	Vulnerable					*		*	*				*	
Flora	<i>Pterostylis cucullata</i>	Leafy Greenhood	Vulnerable		*											
Flora	<i>Pterostylis despectans</i>		Critically Endangered											*		
Flora	<i>Pterostylis elegans</i>	Elegant Greenhood	Vulnerable	*	*											
Flora	<i>Pterostylis gibbosa</i>	Illawarra Greenhood	Endangered		*			*								
Flora	<i>Pterostylis metcalfei</i>	Metcalfe's Greenhood	Endangered	*												
Flora	<i>Pterostylis nigricans</i>	Dark Greenhood	Vulnerable	*	*	*	*									
Flora	<i>Pterostylis oreophila</i>	Blue-tongued Greenhood	Critically Endangered					*					*			
Flora	<i>Pterostylis pulchella</i>	Waterfall Greenhood	Vulnerable					*								
Flora	<i>Pterostylis saxicola</i>	Sydney Plains Greenhood	Endangered				*	*								
Flora	<i>Pterostylis</i> sp. Botany Bay	Botany Bay Bearded Orchid	Endangered				*									
Bird	<i>Ptilinopus magnificus</i>	Wompoo Fruit-Dove	Vulnerable	*	*	*	*	*	*				*			
Bird	<i>Ptilinopus regina</i>	Rose-crowned Fruit-Dove	Vulnerable	*	*	*	*	*	*							
Bird	<i>Ptilinopus superbus</i>	Superb Fruit-Dove	Vulnerable	*	*	*	*	*	*		*	*				*
Flora	<i>Ptilotus extenuatus</i>		Presumed Extinct											*		
Bird	<i>Puffinus assimilis</i>	Little Shearwater	Vulnerable	*	*	*	*	*								
Bird	<i>Puffinus carneipes</i>	Flesh-footed Shearwater	Vulnerable	*	*	*	*	*							*	
Flora	<i>Pultenaea aristata</i>	Prickly Bush-pea	Vulnerable				*	*								
Flora	<i>Pultenaea baeuerlenii</i>	Budawangs Bush-pea	Vulnerable					*								
Flora	<i>Pultenaea glabra</i>	Smooth Bush-Pea	Vulnerable				*			*						
Flora	<i>Pultenaea humilis</i>		Vulnerable										*			
Flora	<i>Pultenaea maritima</i>	Coast Headland Pea	Vulnerable	*	*											
Flora	<i>Pultenaea parrisiae</i> subsp. <i>elusa</i>	Elusive Bush-pea	Endangered				*									
Flora	<i>Pultenaea parrisiae</i> subsp. <i>parrisiae</i>	Parris' Bush-pea	Vulnerable					*								
Flora	<i>Pultenaea parviflora</i>		Endangered				*	*								
Flora	<i>Pultenaea pedunculata</i>	Matted Bush-pea	Endangered				*	*	*							
Flora	<i>Pultenaea</i> sp. Genowlan Point		Endangered				*									
Flora	<i>Pultenaea</i> sp. Olinda		Endangered		*		*			*						
Bird	<i>Pyrrholaemus brunneus</i>	Redthroat	Vulnerable				*	*			*	*	*	*	*	*
Bird	<i>Pyrrholaemus saggitatus</i>	Speckled Warbler	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Quassia</i> sp. Mooney Creek	Moonee Quassia	Endangered	*												

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from												
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD
Reptile	Ramphotyphlops endoterus	Interior Blind Snake	Endangered												*	
Flora	Randia moorei	Spiny Gardenia	Endangered	*												
Flora	Ranunculus anemoneus	Anemone Buttercup	Vulnerable					*				*	*			
Flora	Rapanea sp. A Richmond River	Ripple-leaf Muttonwood	Endangered	*												
Mammal	Rattus villosissimus	Long-haired Rat	Vulnerable		*					*	*				*	*
Flora	Rhaphidospora bonneyana		Presumed Extinct												*	
Flora	Rhizanthella slateri	Eastern Australian Underground Orchid	Vulnerable					*	*							
Flora	Rhynchosia acuminatissima	Pointed Trefoil	Vulnerable	*												
Bird	Rostratula benghalensis australis	Painted Snipe (Australian subspecies)	Endangered	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	Rotala tripartita		Endangered	*												
Flora	Rulingia procumbens		Vulnerable							*	*				*	
Flora	Rulingia prostrata	Dwarf Kerrawang	Endangered		*		*	*								
Flora	Rutidosis heterogama	Heath Wrinklewort	Vulnerable	*	*		*		*							
Flora	Rutidosis leirolepis	Monaro Golden Daisy	Vulnerable					*				*				
Flora	Rutidosis leptorrhynchoides	Button Wrinklewort	Endangered									*		*		
Flora	Rytidosperma pumilum	Feldmark Grass	Vulnerable					*						*		
Mammal	Saccolaimus flaviventris	Yellow-bellied Sheath-tail-bat	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	Santalum murrayanum	Bitter Quandong	Endangered											*		*
Flora	Sarcochilus dilatatus	Brown Butterfly Orchid	Endangered	*												
Flora	Sarcochilus fitzgeraldii	Ravine Orchid	Vulnerable	*												
Flora	Sarcochilus hartmannii	Hartman's Sarcochilus	Vulnerable	*		*										
Flora	Sarcochilus weinthalii	Blotched Sarcochilus	Vulnerable	*												
Flora	Sclerolaena napiformis	Turnip Copperburr	Endangered											*		
Mammal	Scoteanax rueppellii	Greater Broad-nosed Bat	Vulnerable	*	*	*	*	*	*	*	*	*	*			
Flora	Senecio behrianus		Presumed Extinct													*
Flora	Senecio garlandii	Woolly Ragwort	Vulnerable								*	*	*			
Flora	Senecio linearifolius var. dangarensis		Endangered		*		*									
Flora	Senecio spathulatus	Coast Groundsel	Endangered		*	*										
Flora	Senecio squarrosus	Swamp Groundsel	Endangered		*											
Flora	Senna acclinis	Rainforest Cassia	Endangered	*	*		*									
Flora	Sida rohlenae	Shrub Sida	Endangered						*	*	*				*	
Reptile	Simoselaps fasciolatus	Narrow-banded Snake	Vulnerable											*		
Mammal	Sminthopsis leucopus	White-footed Dunnart	Vulnerable				*	*				*				

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from												
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD
Mammal	<i>Sminthopsis macroura</i>	Stripe-faced Dunnart	Vulnerable	*			*	*	*	*	*	*			*	*
Flora	<i>Solanum amourense</i>		Endangered				*									
Flora	<i>Solanum celatum</i>		Endangered					*								
Flora	<i>Solanum karsense</i>	Menindee Nightshade	Vulnerable								*	*			*	*
Flora	<i>Solanum limitare</i>	Border Ranges Nightshade	Endangered													
Flora	<i>Sophora fraseri</i>	Brush Sophora	Vulnerable	*												
Flora	<i>Sophora tomentosa</i>	Silverbush	Endangered	*												
Flora	<i>Stackhousia clementii</i>		Endangered												*	
Bird	<i>Stagonopleura guttata</i>	Diamond Firetail	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Stemmacantha australis</i>		Presumed Extinct		*		*									
Flora	<i>Stenopetalum velutinum</i>		Presumed Extinct							*			*	*		
Bird	<i>Sterna albifrons</i>	Little Tern	Endangered	*	*	*	*	*				*	*			
Bird	<i>Sterna fuscata</i>	Sooty Tern	Vulnerable	*	*	*	*	*				*	*			
Bird	<i>Stictonetta naevosa</i>	Freckled Duck	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*
Flora	<i>Styphelia perileuca</i>	Montane Green Five-corners	Vulnerable	*	*											
Bird	<i>Sula dactylatra</i>	Masked Booby	Vulnerable	*	*	*		*								
Reptile	<i>Suta flagellum</i>	Little Whip Snake	Vulnerable		*		*	*	*	*	*	*	*	*		
Flora	<i>Swainsona adenophylla</i>	Violet Swainson-Pea	Endangered													*
Flora	<i>Swainsona colutoides</i>	Bladder Senna	Endangered													*
Flora	<i>Swainsona flavicarinata</i>	Yellow-Keeled Swainsona	Endangered											*	*	
Flora	<i>Swainsona murrayana</i>	Slender Darling Pea	Vulnerable						*	*	*	*	*	*	*	
Flora	<i>Swainsona plagiotropis</i>	Red Darling Pea	Vulnerable							*	*		*			
Flora	<i>Swainsona pyrophila</i>	Yellow Darling Pea	Vulnerable													*
Flora	<i>Swainsona recta</i>	Mountain Swainson-pea	Endangered							*		*	*	*		
Flora	<i>Swainsona sericea</i>	Silky Swainson-pea	Endangered	*	*			*		*	*	*	*	*	*	*
Flora	<i>Swainsona viridis</i>	Creeping Darling Pea	Endangered					*		*	*	*	*	*	*	*
Mammal	<i>Syconycteris australis</i>	Common Blossom-bat	Vulnerable	*	*											
Flora	<i>Symplocos baeuerlenii</i>	Small-leaved Hazelwood	Vulnerable	*												
Invertebrate	<i>Synemon plana</i>	Golden Sun Moth	Endangered								*	*				
Flora	<i>Syzygium hodgkinsoniae</i>	Red Lilly Pilly	Vulnerable	*	*											
Flora	<i>Syzygium moorei</i>	Durobby	Vulnerable	*												
Flora	<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	Vulnerable	*	*	*	*	*	*							
Flora	<i>Tarenna cameronii</i>	Cameron's Tarenna	Endangered	*					*							
Flora	<i>Tasmania glaucifolia</i>	Fragrant Pepperbush	Vulnerable	*	*					*						
Flora	<i>Tasmania purpurascens</i>	Broad-leaved Pepperbush	Vulnerable	*	*					*						
Flora	<i>Tetradlea glandulosa</i>		Vulnerable		*	*	*									

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from													
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD	
Flora	<i>Tetradlea juncea</i>	Black-eyed Susan	Vulnerable		*	*	*										
Flora	<i>Tetradlea pilosa</i> subsp. <i>pilosa</i>		Presumed Extinct														*
Bird	<i>Thalassarche cauta</i>	Shy Albatross	Vulnerable	*	*	*	*	*									
Bird	<i>Thalassarche melanophris</i>	Black-browed Albatross	Vulnerable	*	*	*	*	*									
Flora	<i>Thelymitra atronitida</i>		Critically Endangered			*							*				
Flora	<i>Thelymitra</i> sp. 'Adorata'	Wyong Sun Orchid	Critically Endangered		*												
Invertebrate	<i>Thersites mitchellae</i>	Mitchell's Rainforest Snail	Endangered	*													
Flora	<i>Thesium australe</i>	Austral Toadflax	Vulnerable	*	*	*	*	*	*	*			*		*		
Bird	<i>Thinornis rubricollis</i>	Hooded Plover	Endangered	*	*	*	*	*					*		*		
Flora	<i>Threlkeldia inchoata</i>	Tall Bonefruit	Endangered									*					
Mammal	<i>Thylogale stigmatica</i>	Red-legged Pademelon	Vulnerable	*	*		*			*							
Reptile	<i>Tiliqua multifasciata</i>	Centralian Blue-tongued Lizard	Vulnerable													*	
Reptile	<i>Tiliqua occipitalis</i>	Western Blue-tongued Lizard	Vulnerable									*	*	*	*	*	*
Flora	<i>Tinospora smilacina</i>	Tinospora Vine	Endangered	*													
Flora	<i>Tinospora tinoporoides</i>	Arrow-head Vine	Vulnerable	*		*											
Bird	<i>Todiramphus chloris</i>	Collared Kingfisher	Vulnerable	*	*												
Flora	<i>Trachymene saniculifolia</i>	Mountain Trachymene	Endangered				*										
Flora	<i>Triplarina imbricata</i>	Creek Triplarina	Endangered	*		*											
Flora	<i>Triplarina nowraensis</i>	Nowra Heath Myrtle	Endangered					*									
Bird	<i>Turnix maculosa</i>	Red-backed Button-quail	Vulnerable	*	*	*	*	*	*		*				*		
Bird	<i>Turnix melanogaster</i>	Black-breasted Button-quail	Endangered	*	*			*									
Flora	<i>Tylophora linearis</i>		Vulnerable							*	*						
Flora	<i>Tylophora woollsii</i>	Cryptic Forest Twiner	Endangered	*	*												
Reptile	<i>Tympanocryptis pinguicollis</i>	Grassland Earless Dragon	Endangered				*	*				*	*				
Flora	<i>Typhonium</i> sp. aff. <i>brownii</i>	Stinky Lily	Endangered	*													
Bird	<i>Tyto capensis</i>	Grass Owl	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Tyto novaehollandiae</i>	Masked Owl	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Bird	<i>Tyto tenebricosa</i>	Sooty Owl	Vulnerable	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Reptile	<i>Underwoodisaurus sphyrurus</i>	Border Thick-tailed Gecko	Vulnerable	*	*				*	*							
Flora	<i>Uromyrtus australis</i>	Peach Myrtle	Endangered	*													
Reptile	<i>Varanus rosenbergi</i>	Rosenberg's Goanna	Vulnerable		*	*	*	*		*	*	*	*	*			
Flora	<i>Velleia perfoliata</i>		Vulnerable		*		*										
Mammal	<i>Vespadelus baverstocki</i>	Inland Forest Bat	Vulnerable							*	*	*	*		*		*
Mammal	<i>Vespadelus troughtoni</i>	Eastern Cave Bat	Vulnerable	*	*		*	*	*	*	*						*

Group	Scientific Name	Common Name	Legal Status	CMA region(s) species is known from												
				NR	HCR	SM	HN	SR	BRG	NAM	CW	LA	MRMB	MRY	WSTN	LMD
Flora	<i>Viola cleistogamoides</i>	Hidden Violet	Endangered	*				*								
Flora	<i>Wahlenbergia scopulicola</i>	Rock-face Bluebell	Endangered	*				*								
Flora	<i>Westringia davidii</i>	David's Westringia	Vulnerable					*								
Flora	<i>Westringia kydrensis</i>	Kydra Westringia	Endangered					*				*				
Flora	<i>Wilsonia backhousei</i>	Narrow-leafed Wilsonia	Vulnerable					*								
Flora	<i>Wilsonia rotundifolia</i>	Round-leafed Wilsonia	Endangered				*	*				*		*		
Bird	<i>Xanthomyza phrygia</i>	Regent Honeyeater	Endangered	*	*	*	*	*	*	*	*	*	*	*		
Flora	<i>Xanthosia scopulicola</i>		Vulnerable				*									
Bird	<i>Xenus cinereus</i>	Terek Sandpiper	Vulnerable	*	*	*	*	*		*						
Flora	<i>Xerothamnella parvifolia</i>		Endangered													*
Flora	<i>Xylosma terrae-reginae</i>	Queensland Xylosma	Endangered	*												
Flora	<i>Zannichellia palustris</i>		Endangered	*	*											*
Flora	<i>Zieria adenodonta</i>	Wollumbin Zieria	Endangered	*												
Flora	<i>Zieria adenophora</i>	Araluen Zieria	Endangered					*								
Flora	<i>Zieria baeuerlenii</i>	Bomaderry Zieria	Endangered					*								
Flora	<i>Zieria buxijugum</i>	Box Range Zieria	Endangered					*								
Flora	<i>Zieria citriodora</i>	Lemon Zieria	Endangered										*			
Flora	<i>Zieria covenyi</i>	Coveny's Zieria	Endangered				*									
Flora	<i>Zieria floydii</i>	Floyd's Zieria	Endangered	*												
Flora	<i>Zieria formosa</i>	Shapely Zieria	Endangered					*								
Flora	<i>Zieria granulata</i>	Illawarra Zieria	Endangered					*			*					
Flora	<i>Zieria ingramii</i>	Keith's Zieria	Endangered						*		*	*				
Flora	<i>Zieria involucreta</i>		Endangered		*		*									
Flora	<i>Zieria lasiocaulis</i>	Willi Willi Zieria	Endangered	*	*											
Flora	<i>Zieria murphyi</i>	Velvet Zieria	Vulnerable				*	*								
Flora	<i>Zieria obcordata</i>		Endangered								*					
Flora	<i>Zieria parrisiae</i>	Parris' Zieria	Endangered					*								
Flora	<i>Zieria prostrata</i>	Headland Zieria	Endangered	*												
Flora	<i>Zieria tuberculata</i>	Warty Zieria	Vulnerable					*								
Bird	<i>Zosterops lateralis tephroleurus</i>	Silvereye (Lord Howe Is. subsp.)	Vulnerable	*									*			

Appendix 1C

Summary tables for each region

Summary tables of the number and type of threatened species, listed under the listed under the *Threatened Species Conservation Act 1995* and *Fisheries Management Act 1994*, known from each region. The categories of extinction risk (eg endangered, vulnerable) are defined explicitly in the legislation.

Northern Rivers CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	2	0	5	33	40
Bird	1	1	21	74	97
Amphibian	0	0	10	9	19
Reptile	0	0	2	11	13
Fish	0	0	3	1	4
Invertebrate	0	0	12	0	12
Flora					
Flora	4	2	129	94	229
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	7	3	182	222	414

Hunter–Central Rivers CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	0	0	5	30	35
Bird	0	0	21	68	89
Amphibian	0	0	5	9	14
Reptile	0	0	2	8	10
Fish	0	0	1	1	2
Invertebrate	0	0	2	0	2
Flora					
Flora	2	4	45	75	126
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	2	4	81	191	278

Sydney Metropolitan CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	3	0	3	20	26
Bird	1	1	18	64	84
Amphibian	0	0	2	5	7
Reptile	0	0	2	3	5
Fish	0	0	2	1	3
Invertebrate	0	0	3	0	3
Flora					
Flora	2	2	39	35	78
Algae	0	0	0	0	0
Fungi	0	0	5	4	9
CMA total	6	3	74	132	215

Hawkesbury–Nepean CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	4	0	4	28	36
Bird	1	1	22	68	92
Amphibian	0	0	7	5	12
Reptile	0	0	4	8	12
Fish	0	0	2	1	3
Invertebrate	0	0	4	0	4
Flora					
Flora	3	3	70	79	155
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	8	4	113	189	314

Southern Rivers CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	2	0	7	26	35
Bird	0	1	16	67	84
Amphibian	0	0	9	4	13
Reptile	0	0	3	6	9
Fish	0	0	2	0	2
Invertebrate	0	0	2	0	2
Flora					
Flora	1	5	64	55	125
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	3	6	103	158	270

Border Rivers–Gwydir CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	5	0	5	23	33
Bird	2	0	11	38	51
Amphibian	0	0	5	4	9
Reptile	0	0	3	5	8
Fish	0	0	2	1	3
Invertebrate	0	0	0	0	0
Flora					
Flora	0	0	39	24	63
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	7	0	65	95	167

Namoi CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	13	0	4	24	41
Bird	1	0	14	36	51
Amphibian	0	0	1	3	4
Reptile	0	0	1	5	6
Fish	0	1	1	1	3
Invertebrate	0	0	1	0	1
Flora					
Flora	3	0	12	20	35
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	17	1	34	89	141

Central West CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	6	0	5	24	35
Bird	0	1	14	44	59
Amphibian	0	0	6	3	9
Reptile	0	0	3	5	8
Fish	0	0	2	1	3
Invertebrate	0	0	3	0	3
Flora					
Flora	2	0	21	32	55
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	8	1	54	109	172

Lachlan CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	5	0	3	20	28
Bird	1	0	14	41	56
Amphibian	0	0	5	1	6
Reptile	0	0	3	6	9
Fish	0	0	2	1	3
Invertebrate	0	0	3	0	3
Flora					
Flora	2	0	16	19	37
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	8	0	46	88	142

Murrumbidgee CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	4	0	5	22	31
Bird	1	0	14	50	65
Amphibian	0	0	7	4	11
Reptile	0	0	4	5	9
Fish	0	1	4	1	6
Invertebrate	0	0	2	0	2
Flora					
Flora	0	4	28	29	61
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	5	5	64	111	185

Murray CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	6	0	6	14	26
Bird	0	1	9	42	52
Amphibian	0	0	5	2	7
Reptile	0	0	0	5	5
Fish	0	1	3	1	5
Invertebrate	0	0	1	0	1
Flora					
Flora	3	2	19	19	43
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	9	4	43	83	139

Western CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	16	0	7	12	35
Bird	1	1	13	37	52
Amphibian	0	0	0	1	1
Reptile	1	0	8	11	20
Fish	0	1	3	1	5
Invertebrate	0	0	1	1	2
Flora					
Flora	8	0	39	14	61
Algae	0	0	1	0	1
Fungi	0	0	0	0	0
CMA total	26	2	72	77	177

Lower Murray Darling CMA

	Presumed extinct	Critically endangered	Endangered	Vulnerable	Total
Fauna					
Mammal	18	0	4	12	34
Bird	1	1	9	38	49
Amphibian	0	0	2	0	2
Reptile	0	0	5	5	10
Fish	0	1	2	1	4
Invertebrate	0	0	1	0	1
Flora					
Flora	7	0	21	8	36
Algae	0	0	0	0	0
Fungi	0	0	0	0	0
CMA total	26	2	44	64	136

Appendix 2

Criteria used to assess sustainability of fauna species

Definitions of terms follow IUCN (2001). These definitions are reproduced in Appendix 4.

Criterion A. Current trend in distribution or abundance

A1. There is a current negative trend in a measure of distribution or abundance and the causes of the trend are understood, reversible and have ceased (including any lag effects):

		Sustainability
Reduction over 10 years	>90%	1 Severe risk
	>70%	2 Substantial risk
	>50%	3 Moderate risk
	>25%	4 Low Risk
	≤25%	5 Sustainable

A2. There is a current negative trend in a measure of distribution or abundance and the causes of the trend may not have ceased (including any lag effects), may not be understood or may not be reversible:

		Sustainability
Reduction over 10 years	>80%	1 Severe risk
	>50%	2 Substantial risk
	>30%	3 Moderate risk
	>25%	4 Low Risk
	≤25%	5 Sustainable

A2(i). There is a current negative trend in a measure of distribution or abundance, and there is evidence of long-term declines of >50% in distribution since European settlement, and the causes of the long-term trend may not have ceased (including any lag effects), may not be understood or may not be reversible:

		Sustainability
Reduction over 10 years	>50%	1 Severe risk
	>30%	2 Substantial risk
	>15%	3 Moderate risk
	>0%	4 Low Risk
	≤0%	5 Sustainable

A3. A negative trend in a measure of distribution or abundance is projected or suspected to be met in the future (up to a maximum of 100 years):

		Sustainability
Reduction over 10 years	>80%	1 Severe risk
	>50%	2 Substantial risk
	>30%	3 Moderate risk
	>25%	4 Low Risk
	≤25%	5 Sustainable

A4. There is a negative trend in a measure of distribution or abundance where the period of decline includes both the past and the future, and the causes of the decline may not have ceased (including any lag effects), may not be understood or may not be reversible:

Reduction over 10 years	>80%	1 Severe risk
	>50%	2 Substantial risk
	>30%	3 Moderate risk
	>25%	4 Low Risk
	≤25%	5 Sustainable

Criterion B. Limited geographic range

Either

B1. extent of occurrence:	<100 km ²	Sustainability	1 Severe risk
	<5000 km ²		2 Substantial risk
	<20 000 km ²		3 Moderate risk
	<40 000 km ²		4 Low risk
	>40 000 km ²		5 Sustainable

OR

B2. area of occupancy: <10 km ²		1 Severe risk
	<500 km ²	2 Substantial risk
	<2000 km ²	3 Moderate risk
	<4000 km ²	4 Low risk
	>4000 km ²	5 Sustainable

AND two of the following three:

		Sustainability
(a) severely fragmented OR number of locations:	=1	1 Severe risk
	≤5	2 Substantial risk
	≤10	3 Moderate risk
(b) continuing decline in:	(i) extent of occurrence	
	(ii) area of occupancy	
	(iii) area, extent or quality of habitat	
	(iv) number of locations or subpopulations	
	(v) number of mature individuals	
(c) extreme fluctuations in any of:	(i) extent of occurrence	
	(ii) area of occupancy	
	(iii) number of locations or subpopulations	
	(iv) number of mature individuals	

Criterion C. Small population size

Where the current population size is small and there is a current downward trend in distribution or abundance.

		Sustainability
Number of mature individuals:	<250	1 Severe risk
	<2500	2 Substantial risk
	<10 000	3 Moderate risk
	<20 000	4 Low risk
AND either C1 OR C2:	>20 000	5 Sustainable

		Sustainability
C1. An estimated continuing decline of at least:	25% in three years	1 Severe risk
	20% in five years	2 Substantial risk

	10% in 10 years	3 Moderate risk
	5% in 20 years	4 Low risk
C2. A continuing decline AND (a) OR (b)		
(a i) # mature individuals in largest subpopulation:	<50	1 Severe risk
	<250	2 Substantial risk
	<1000	3 Moderate risk
OR		
(a ii) % mature individuals in one subpopulation:	90–100%	1 Severe risk
	95–100%	2 Substantial risk
	100%	3 Moderate risk
(b) extreme fluctuations in the number of mature individuals		

Criterion D. Very small or restricted population

No evidence of current decline required, but data on current population size or distribution must be available.

		Sustainability
D1. Number of mature individuals:	<50	1 Severe risk
	<250	2 Substantial risk
	<1000	3 Moderate risk
	<2000	4 Low risk
OR		
D2. Restricted area of occupancy*:	<20 km ²	3 Moderate risk
	<40 km ²	4 Low risk

*sustainability of species threatened because of restricted area of occupancy

Criterion E. Quantitative Analysis

Direct estimation of probability of extinction from demographic data (eg Population Viability Analysis).

		Sustainability
Probability of extinction:	50% in 10 years	1 Severe risk
	20% in 20 years	2 Substantial risk
	10% in 100 years	3 Moderate risk
	5% in 100 years	4 Low risk

IUCN 2001, *IUCN Red List Categories and Criteria: Version 3.1*, IUCN Species Survival Commission, IUCN, Gland, Switzerland and Cambridge, UK.

Appendix 3

Regional assessment of sustainability

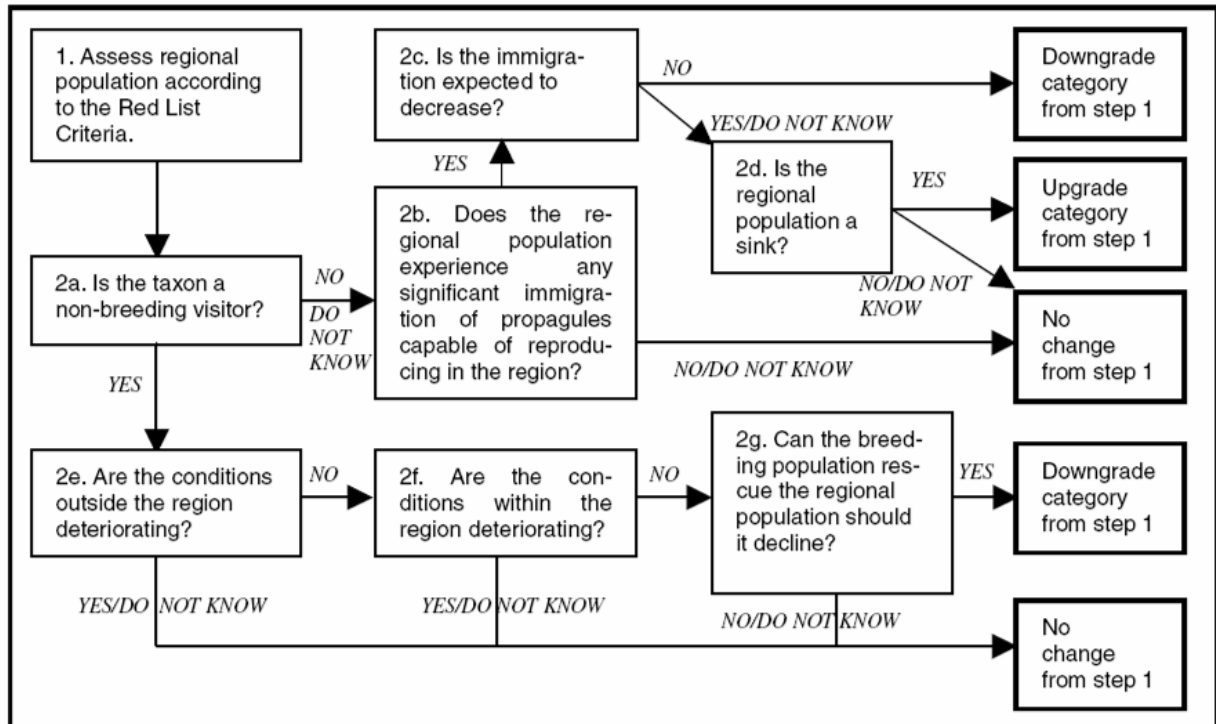


Figure from IUCN (2003).

IUCN 2003, *Guidelines for Application of IUCN Red List Criteria at Regional Levels: Version 3.0*, IUCN Species Survival Commission, IUCN, Gland, Switzerland and Cambridge, UK.

Appendix 4

Definitions of terms used in the IUCN criteria

All definitions are from IUCN (2001).

Population and population size (Criteria A, C and D)

The term 'population' is used in a specific sense in the Red-List Criteria that is different to its common biological usage. Population is here defined as the total number of individuals of the taxon. For functional reasons, primarily owing to differences between life forms, population size is measured as numbers of mature individuals only. In the case of taxa obligately dependent on other taxa for all or part of their life cycles, biologically appropriate values for the host taxon should be used.

Subpopulations (Criteria B and C)

Subpopulations are defined as geographically or otherwise distinct groups in the population between which there is little demographic or genetic exchange (typically one successful migrant individual or gamete per year or less).

Mature individuals (Criteria A, B, C and D)

The number of mature individuals is the number of individuals known, estimated or inferred to be capable of reproduction. When estimating this quantity, the following points should be borne in mind:

- Mature individuals that will never produce new recruits should not be counted (eg densities are too low for fertilisation).
- In the case of populations with biased adult or breeding sex ratios, it is appropriate to use lower estimates for the number of mature individuals, which take this into account.
- Where the population size fluctuates, use a lower estimate. In most cases this will be much less than the mean.
- Reproducing units within a clone should be counted as individuals, except where such units are unable to survive alone (eg corals).
- In the case of taxa that naturally lose all or a subset of mature individuals at some point in their lifecycle, the estimate should be made at the appropriate time, when mature individuals are available for breeding.
- Re-introduced individuals must have produced viable offspring before they are counted as mature individuals.

Generation (Criteria A, C and E)

Generation length is the average age of parents of the current cohort (ie newborn individuals in the population). Generation length therefore reflects the turnover rate of breeding individuals in a population. Generation length is greater than the age at first breeding and less than the age of the oldest breeding individual, except in taxa that breed only once. Where generation length varies under threat, the more natural, ie pre-disturbance, generation length should be used.

Reduction (Criterion A)

A reduction is a decline in the number of mature individuals of at least the amount (per cent) stated under the criterion over the time period (years) specified, although the decline need not be continuing. A reduction should not be interpreted as part of a fluctuation unless there is good evidence for this. The downward phase of a fluctuation will not normally count as a reduction.

Continuing decline (Criteria B and C)

A continuing decline is a recent, current or projected future decline (which may be smooth, irregular or sporadic) which is liable to continue unless remedial measures are taken. Fluctuations

will not normally count as continuing declines, but an observed decline should not be considered as a fluctuation unless there is evidence for this.

Extreme fluctuations (Criteria B and C)

Extreme fluctuations can be said to occur in a number of taxa when population size or distribution area varies widely, rapidly and frequently, typically with a variation greater than one order of magnitude (ie a tenfold increase or decrease).

Severely fragmented (Criterion B)

The phrase ‘severely fragmented’ refers to the situation in which increased extinction risk to the taxon results from the fact that most of its individuals are found in small and relatively isolated subpopulations (in certain circumstances this may be inferred from habitat information). These small subpopulations may go extinct, with a reduced probability of recolonisation.

Extent of occurrence (Criteria A and B)

Extent of occurrence is defined as the area contained within the shortest continuous imaginary boundary which can be drawn to encompass all the known, inferred or projected sites of present occurrence of a taxon, excluding cases of vagrancy. This measure may exclude discontinuities or disjunctions within the overall distributions of taxa (eg large areas of obviously unsuitable habitat) (but see ‘area of occupancy’ below). Extent of occurrence can often be measured by a minimum convex polygon (the smallest polygon in which no internal angle exceeds 180 degrees and which contains all the sites of occurrence).

Area of occupancy (Criteria A, B and D)

Area of occupancy is defined as the area within its ‘extent of occurrence’ (see above) which is occupied by a taxon, excluding cases of vagrancy. The measure reflects the fact that a taxon will not usually occur throughout the area of its extent of occurrence, which may contain unsuitable or unoccupied habitats. In some cases (eg irreplaceable colonial nesting sites, crucial feeding sites for migratory taxa) the area of occupancy is the smallest area essential at any stage to the survival of existing populations of a taxon. The size of the area of occupancy will be a function of the scale at which it is measured, and should be at a scale appropriate to relevant biological aspects of the taxon, the nature of threats and the available data. To avoid inconsistencies and bias in assessments caused by estimating area of occupancy at different scales, it may be necessary to standardise estimates by applying a scale-correction factor. It is difficult to give strict guidance on how standardisation should be done because different types of taxa have different scale-area relationships.

Location (Criteria B and D)

The term ‘location’ defines a geographically or ecologically distinct area in which a single threatening event can rapidly affect all individuals of the taxon present. The size of the location depends on the area covered by the threatening event and may include part of one or many subpopulations. Where a taxon is affected by more than one threatening event, location should be defined by considering the most serious plausible threat.

Quantitative analysis (Criterion E)

A quantitative analysis is defined here as any form of analysis which estimates the extinction probability of a taxon based on known life history, habitat requirements, threats and any specified management options. Population viability analysis (PVA) is one such technique. Quantitative analyses should make full use of all relevant available data. In a situation in which there is limited information, such data as are available can be used to provide an estimate of extinction risk (for instance, estimating the impact of stochastic events on habitat). In presenting the results of quantitative analyses, the assumptions (which must be appropriate and defensible), the data used and the uncertainty in the data or quantitative model must be documented.

IUCN 2001, *IUCN Red List Categories and Criteria: Version 3.1*, IUCN Species Survival Commission, IUCN, Gland, Switzerland and Cambridge, UK.

Appendix 5

Results for threatened species sustainability assessments at the state scale

Class	Scientific Name	Common Name	Status	Sustainability
Amphibian	<i>Litoria booroolongensis</i>	Booroolong Frog	E1	Substantial Risk
Amphibian	<i>Litoria spenceri</i>	Spotted Frog	E1	Severe Risk
Amphibian	<i>Pseudophryne corroboroeae</i>	Southern Corroboree Frog	E1	Substantial Risk
Amphibian	<i>Pseudophryne pengilleyi</i>	Northern Corroboree Frog	V	Severe Risk
Bird	<i>Aplonis fusca hulliana</i>	Tasman Starling (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Cacatua leadbeateri</i>	Major Mitchell's Cockatoo	V	Severe Risk
Bird	<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	V	Substantial Risk
Bird	<i>Calyptorhynchus lathami</i>	Glossy Black-Cockatoo	V	Substantial Risk
Bird	<i>Certhionyx variegatus</i>	Pied Honeyeater	V	Moderate Risk
Bird	<i>Columba vitiensis godmanae</i>	White-throated Pigeon (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Cyanoramphus novaezelandiae subflavescens</i>	Red-crowned Parakeet (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Gerygone igata insularis</i>	Grey Gerygone (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Grus rubicunda</i>	Brolga	V	Severe Risk
Bird	<i>Haematopus longirostris</i>	Pied Oystercatcher	V	Substantial Risk
Bird	<i>Hamirostra melanosternon</i>	Black-breasted Buzzard	V	Substantial Risk
Bird	<i>Ixobrychus flavicollis</i>	Black Bittern	V	Severe Risk
Bird	<i>Lathamus discolor</i>	Swift Parrot	E1	Low Risk
Bird	<i>Lichenostomus fasciularis</i>	Mangrove Honeyeater	V	Severe Risk
Bird	<i>Melithreptus gularis gularis</i>	Black-chinned Honeyeater (eastern subspecies)	V	Substantial Risk
Bird	<i>Monarcha leucotis</i>	White-eared Monarch	V	Severe Risk
Bird	<i>Neochmia ruficauda</i>	Star Finch	E4	Extinct
Bird	<i>Neophema pulchella</i>	Turquoise Parrot	V	Substantial Risk
Bird	<i>Ninox novaeseelandiae albaria</i>	Southern Boobook (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Oxyura australis</i>	Blue-billed Duck	V	Severe Risk
Bird	<i>Pachycephala inornata</i>	Gilbert's Whistler	V	Substantial Risk
Bird	<i>Pezoporus occidentalis</i>	Night Parrot	E4	Extinct
Bird	<i>Pomatostomus temporalis temporalis</i>	Grey-crowned Babbler (eastern subspecies)	V	Sustainable
Bird	<i>Porphyrio albus</i>	White Gallinule	E4	Extinct
Bird	<i>Psephotus pulcherrimus</i>	Paradise Parrot	E4	Extinct
Bird	<i>Ptilinopus magnificus</i>	Wompoo Fruit-Dove	V	Substantial Risk
Bird	<i>Ptilinopus regina</i>	Rose-crowned Fruit-Dove	V	Severe Risk
Bird	<i>Pyrrholaemus sagittatus</i>	Speckled Warbler	V	Moderate Risk
Bird	<i>Rhipidura fuliginosa cervina</i>	Grey Fantail (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Stagonopleura guttata</i>	Diamond Firetail	V	Moderate Risk
Bird	<i>Sterna albifrons</i>	Little Tern	E1	Moderate Risk
Bird	<i>Thinornis rubricollis</i>	Hooded Plover	E1	Substantial Risk
Bird	<i>Turdus poliocephalus vinitinctus</i>	Island Thrush (Lord Howe Is. subsp.)	E4	Extinct
Bird	<i>Xanthomyza phrygia</i>	Regent Honeyeater	E1	Severe Risk
Bird	<i>Zosterops tenuirostris strenuus</i>	Robust White-eye	E4	Extinct
Fish	<i>Pristis zijsron</i>	Green sawfish	E4	Extinct
Flora	<i>Acanthocladium dockeri</i>	Spiny Everlasting	E4	Extinct
Flora	<i>Amperea xiphoclada</i> var. <i>pedicellata</i>		E4	Extinct
Flora	<i>Aphanes pentamera</i>		E4	Extinct
Flora	<i>Atriplex acutiloba</i>		E4	Extinct

Class	Scientific Name	Common Name	Status	Sustainability
Flora	<i>Blumea lacera</i>		E4	Extinct
Flora	<i>Caladenia porphyrea</i>		E1	Substantial Risk
Flora	<i>Caladenia rosella</i>	Rosella Spider Orchid	E4	Extinct
Flora	<i>Codonocarpus pyramidalis</i>		E4	Extinct
Flora	<i>Comesperma scoparium</i>		E4	Extinct
Flora	<i>Dodonaea stenophylla</i>		E4	Extinct
Flora	<i>Eidothea hardeniana</i>	Nightcap Oak	E1	Substantial Risk
Flora	<i>Elaeocarpus</i> sp. Rocky Creek	Minyon Quandong	E1	Moderate Risk
Flora	<i>Euphrasia arguta</i>		E4	Extinct
Flora	<i>Euphrasia ruptura</i>		E4	Extinct
Flora	<i>Fontainea oraria</i>	Coastal Fontainea	E4A	Severe Risk
Flora	<i>Genoplesium superbum</i>		E1	Severe Risk
Flora	<i>Glinus orygioides</i>		E4	Extinct
Flora	<i>Grevillea iaspicula</i>	Wee Jasper Grevillea	E1	Substantial Risk
Flora	<i>Grevillea kennedyana</i>	Flame Spider Flower	V	Low Risk
Flora	<i>Grevillea nematophylla</i>	Silver-leaved Water Tree	E4	Extinct
Flora	<i>Haloragis stricta</i>		E4	Extinct
Flora	<i>Hypolepis elegans</i>		E4	Extinct
Flora	<i>Knoxia sumatrensis</i>		E4	Extinct
Flora	<i>Lepidium foliosum</i>		E4	Extinct
Flora	<i>Maireana lanosa</i>		E4	Extinct
Flora	<i>Micromelum minutum</i>		E4	Extinct
Flora	<i>Microtis angusii</i>	Angus's Onion Orchid	E1	Severe Risk
Flora	<i>Myriophyllum implicatum</i>		E4	Extinct
Flora	<i>Olearia oliganthera</i>		E4	Extinct
Flora	<i>Osteocarpum pentapterum</i>		E4	Extinct
Flora	<i>Persoonia laxa</i>		E4	Extinct
Flora	<i>Philothea angustifolia</i> subsp. <i>angustifolia</i>		E4	Extinct
Flora	<i>Pomaderris oraria</i>		E4	Extinct
Flora	<i>Prasophyllum canaliculatum</i>		E4A	Substantial Risk
Flora	<i>Pterostylis</i> sp. Botany Bay	Botany Bay Bearded Orchid	E1	Moderate Risk
Flora	<i>Ptilotus extenuatus</i>		E4	Extinct
Flora	<i>Rhaphidospora bonneyana</i>		E4	Extinct
Flora	<i>Senecio behrianus</i>		E4	Extinct
Flora	<i>Senecio georgianus</i>		E4	Extinct
Flora	<i>Stemmacantha australis</i>		E4	Extinct
Flora	<i>Stenopetalum velutinum</i>		E4	Extinct
Flora	<i>Tetratheca pilosa</i> subsp. <i>pilosa</i>		E4	Extinct
Flora	<i>Thelymitra epipactoides</i>		E4	Extinct
Flora	<i>Trianthera cypseleoides</i>		E4	Extinct
Flora	<i>Vanvoorstia bennettiana</i>	Bennetts Seaweed	E4	Extinct
Flora	<i>Zieria lasiocaulis</i>	Willi Willi Zieria	E1	Sustainable
Invertebrate	<i>Hybomorphus melanosomus</i>	Lord Howe Island ground weevil	E4	Extinct
Invertebrate	<i>Paralucia spinifera</i>	Bathurst Copper Butterfly	E1	Severe Risk
Mammal	<i>Bettongia gaimardi</i>	Tasmanian Bettong	E4	Extinct
Mammal	<i>Bettongia lesueur graii</i>	Boodie, Burrowing Bettong (mainland)	E4	Extinct
Mammal	<i>Bettongia penicillata penicillata</i>	Brush-tailed Bettong (South-East Mainland)	E4	Extinct
Mammal	<i>Bettongia tropica</i>	Northern Bettong	E4	Extinct
Mammal	<i>Burrhamys parvus</i>	Mountain Pygmy-possum	E1	Severe Risk
Mammal	<i>Chaeropus ecaudatus</i>	Pig-footed Bandicoot	E4	Extinct
Mammal	<i>Conilurus albipes</i>	White-footed Tree-rat	E4	Extinct
Mammal	<i>Dasyercus cristicauda</i>	Mulgara	E4	Extinct

Class	Scientific Name	Common Name	Status	Sustainability
Mammal	<i>Dasyurus geoffroii</i>	Western Quoll	E4	Extinct
Mammal	<i>Isodon auratus auratus</i>	Golden Bandicoot (mainland)	E4	Extinct
Mammal	<i>Lagorchestes leporides</i>	Eastern Hare-wallaby	E4	Extinct
Mammal	<i>Lasiorhinus krefftii</i>	Northern Hairy-nosed Wombat	E4	Extinct
Mammal	<i>Leporillus apicalis</i>	Lesser Stick-nest Rat	E4	Extinct
Mammal	<i>Leporillus conditor</i>	Greater Stick-nest Rat	E4	Extinct
Mammal	<i>Macrotis lagotis</i>	Bilby	E4	Extinct
Mammal	<i>Myrmecobius fasciatus</i>	Numbat	E4	Extinct
Mammal	<i>Notomys cervinus</i>	Fawn Hopping-mouse	E4	Extinct
Mammal	<i>Notomys longicaudatus</i>	Long-tailed Hopping-mouse	E4	Extinct
Mammal	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse	E4	Extinct
Mammal	<i>Nyctophilus howensis</i>	Lord Howe Island Bat	E4	Extinct
Mammal	<i>Onychogalea fraenata</i>	Bridled Nailtail Wallaby	E4	Extinct
Mammal	<i>Onychogalea lunata</i>	Crescent Nailtail Wallaby	E4	Extinct
Mammal	<i>Perameles bougainville fasciata</i>	Western Barred Bandicoot (mainland)	E4	Extinct
Mammal	<i>Petrogale xanthopus</i>	Yellow-footed Rock-wallaby	E1	Substantial Risk
Mammal	<i>Phascogale calura</i>	Red-tailed Phascogale	E4	Extinct
Mammal	<i>Pseudomys australis</i>	Plains Rat	E4	Extinct
Mammal	<i>Pseudomys desertor</i>	Desert Mouse	E4	Extinct
Mammal	<i>Pseudomys fumeus</i>	Smoky Mouse	E1	Substantial Risk
Mammal	<i>Pseudomys gouldii</i>	Gould's Mouse	E4	Extinct
Reptile	<i>Oxyuranus microlepidotus</i>	Fierce Snake	E4	Extinct



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