



**Supplementary report on
changes to forest ecosystem and old
growth reservation of scenarios for
outcomes of the Tasmanian Forests
Intergovernmental Agreement:
Hotspots for threatened
vegetation communities and
under-reserved forests**

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Errata:

1. *The analysis of Pencil Pine forest (RPP) reservation presented in Attachment 1 has been identified as containing a significant error. These data have been excluded from analysis and have a very limited effect due to the forest ecosystem occurring overwhelmingly on land already in conservation reserves.*

1. Introduction

This report provides supplementary information to an analysis of scenarios of changes to the levels of reservation of forest ecosystems and old growth forests being considered for dedication as formal conservation reserves under the Tasmanian Forests Intergovernmental Agreement.

The analysis presented here should be read in conjunction with the previous reports on proposed changes to the Tasmanian forest reserve system ('comprehensiveness report', Knight 2012a¹) and on the progressive impact on reservation targets of scenarios for additional reserves ('scenario report', Knight, 2012b²). These reports contains more detailed information on the methods and data used, and on the composition of the original scenrios.

The previous 'scenarios report' assessed changes to the reservation levels of forest ecosystems and old growth forest of a progressive scenario of five additional increments to the reserved area using the following terms of reference:

“Consistent with IVG "Report 1A : Comprehensiveness", conduct an analysis of Tasmanian forest ecosystems and oldgrowth within the ENGO-proposed area on a progressive, incremental basis in the following sequence:

- (a) Enhanced Industry area (264,000 ha);
- (b) Special Timbers area (+ 57,000 ha);
- (c) WHA 2011 area [G Law via Env't. Tas. May 2011] (+ 61,000 ha);
- (d) WHA 2012 area [IVG via P Matthews] (+ 45,000 ha); and
- (e) Balance of ENGO-proposed area (+ 135,000 ha).

Provide a summary of any significant potential enhancement to meeting JANIS criteria as a consequence of each incremental step.”

Subsequent to the 'scenarios report', instructions were issued for additional analysis incorporating a sixth scenario of 'JANIS-Tasveg Hotspots' JANIS-Tasveg Hotspots were defined in the terms of reference as those parts of the IGA assessment area comprising:

- Threatened forest vegetation communities;
- Threatened non-forest vegetation communities; and
- Forests in the original five scenarios with less than 80% or their JANIS target met, up to an including the scenario at which 80% reservation is reached.

The latter group of forests is the subset of those identified in Table 7 of the scenarios report as currently having less than 80% of their reservation target met in existing reserves. Reference

¹ Knight, R.I. (2012a). Analysis of comprehensiveness of existing conservation reserves and proposed additions to the Tasmanian forest reserves system. Report to the Independent Verification Group for the Tasmanian Forests Intergovernmental Agreement, February 2012. Natural Resource Planning, Hobart.

² Knight, R.I. (2012b). Assessment of changes to forest ecosystem and old growth reservation of scenarios for outcomes of the Tasmanian Forests Intergovernmental Agreement. Report to Tasmanian and Australian governments and stakeholders to the Tasmanian IGA, May 2012. Natural Resource Planning, Hobart.

to ‘JANIS targets’ in this document is to the bioregional analysis of forest conservation and reservation status presented in comprehensiveness report and subsequently broken down for the scenario report.

The JANIS-Tasveg Hotspots were subsequently refined spatially to produce a set of ‘Hotspots Reserves’ that were used to rerun the analysis for Tables 4 and 7 from the scenario report, to include as the first scenario the Hotspot Reserves to be followed by the other 5 scenario options.

2. Methods

The analysis was undertaken in four stages:

1. Spatially identify Hotspots meeting the criteria, using the data layer generated for the scenario report;
2. Delineation of appropriate management boundaries for the Hotspots to form the Hotspots Reserves;
3. Integrate the Hotspots Reserves into the scenario data layer; and
4. Rerun the scenarios with the addition of the Hotspots reserves to reconstruct Tables 4 and 7 from the scenario report.

Spatial identification of Hotspots

The data layer used to generate the original five scenarios (“T14_v714+OG+sc-1.shp”, see Section 2, Scenario report) was first attributed with an extra field to store data on the hotspot criteria applying to each polygon. Areas within the IGA assessed area were then queried and tagged in the following order:

- Threatened forest – forest communities listed under the Tasmanian Nature Conservation Act 2002 as Threatened;
- Threatened nonforest – nonforest vegetation communities listed under the Tasmanian Nature Conservation Act 2002 or Commonwealth Environment Protection and Biodiversity Conservation Act;
- EIA – Forest communities or old growth forest which reach 80% of their JANIS target under the Enhanced Industry Area scenario;
- STZ – Forest communities or old growth forest which reach 80% of their JANIS target with the addition of the Special Timbers area to the cumulative scenario;
- WHA2011 – Forest communities or old growth forest which reach 80% of their JANIS target with the addition of the World Heritage 2011 area to the cumulative scenario;
- WHA2012 – Forest communities or old growth forest which reach 80% of their JANIS target with the addition World Heritage 2012 area to the cumulative scenario;
- ENGO – Forest communities or old growth forest which reach 80% of their JANIS target with the addition of the balance of the IGA area to the cumulative scenario.

The set of areas meeting these criteria was copied to a separate GIS layer (“Hotspots_raw.shp”) for further work. This data layer contained the full set of data used for analysis of JANIS targets.

The polygons in this layer were subsequently dissolved to produce a new layer (“Hotspot_diss_raw.shp”) representing the contiguous extent of each area meeting the criteria. A unique identifier and area (hectares) calculate was added to each of the new polygons. This layer included contiguous areas both larger and smaller than the 5 hectare specification.

It was observed that some contiguous areas meeting the criteria were individually less than 5 hectares but occurred in relatively tight mosaics of other areas that also met the criteria. To help in the development of manageable boundaries for the hotspots a third layer was produced in which all the contiguous areas meeting the criteria were buffered by 25m and dissolved to form a new set of areas (“Hotspot_diss_buff25m.shp”).

Delineation of Hotspots Reserves

The GIS layers described in the preceding section were supplied to Forestry Tasmania for the purpose of delineating boundaries for Hotspots Reserves, based on a range of considerations for management.

Areas meeting the criteria as Hotspots that were within the EIA scenario area were not further refined. Additional areas were delineated for Hotspots Reserves that were outside the EIA scenario area. These were added to the original EIA area to produce a revised layer “EIAplus_290612.shp”.

For the purpose of further analysis the Hotspots Reserves were considered to be:

- The areas in the original EIS scenario that met the Hotspots criteria, due to management considerations having been considered in developing that element of the scenario; and
- The areas in EIAplus_290612.shp that were outside the original EIA scenario.

Integration of Hotspots Reserves into scenario analysis layer

The methods used to integrate the Hotspots Reserves into the GIS layer for further scenario analysis were driven largely by the relatively short timeframes of the project. The following work was undertaken to generate data for analysis:

1. An additional field was created in the original scenario layer for storing information on the revised scenarios arising from the hotspots analysis.
2. Areas with the original EIA scenario that met the Hotspots criteria were tagged as part of the Hotspots scenario.
3. The parts of the remaining four scenarios that intersected EIAplus_290612.shp were copied to a temporary GIS layer for further work.

4. A rapid geoprocessing method using mathematical calculations in a polygon->grid (10m)->polygon process was used to integrate the non-EIA areas of EIAplus_290612.shp with the extract of the original scenario polygons.
5. Logical consistency checks were performed on the integrated data to ensure data attributes were faithfully preserved in the integration process, and that changes in polygon areas arising through the method were within acceptable limits (small differences arise from the grid conversion process used).
6. These data were then merged with the unchanged polygons from the original scenario layer to produce a new layer for the analysis presented herein (“T14_v714+OG+sc+hot-1.shp”).
7. The unique identifier and area fields from the original scenario layer were copied to new fields and the Id and area fields updated to reflect the newly merged layer.
8. Areas that were added as Hotspots Reserves (i.e. outside the original EIA scenario but in the EIAplus area) were tagged as parts of the Hotspots scenario.
9. All untagged areas from the original scenario were added to the field for the revised scenario to complete the data for analysis.

Rerun scenarios

The same process used to analyse the original scenarios was used to analyse the revised scenarios. This involved creating, for each element of the scenario, a copy of the reservation analysis worksheet used for the comprehensiveness report.

The cumulative area within conservation reserves was then calculated for each part of the revised scenario sequence, and copied to the appropriate worksheet, viz:

- Current reserves;
- Current reserves + Hotspots Reserves;
- Current reserves + Hotspots Reserves + EIA;
- Current reserves + Hotspots Reserves + EIA + STZ;
- Current reserves + Hotspots Reserves + EIA + STZ + WHA2011;
- Current reserves + Hotspots Reserves + EIA + STZ + WHA2011 + WHA2012;
- and
- Current reserves + Hotspots Reserves + EIA + STZ + WHA2011 + WHA2012 + ENGO.

The cumulative areas of reservation in these worksheets, and the associated changes in reservation levels relative to targets were then used to reconstruct Tables 4 and 7 from the scenario report.

3. Results

The results of the analysis described above are presented in the following tables:

- Revised Table 1. Summary of broad vegetation types, JANIS reservation targets and CAR reserve status by revised IGA reservation scenarios;
- Revised Table 4. Cumulative summary of broad vegetation types, JANIS reservation targets and CAR reserve status by revised IGA forest reservation scenarios; and
- Revised Table 7. Under-reserved forest ecosystems and old growth types reaching JANIS reservation targets or increasing in reservation by more than 10% under revised IGA scenarios.

Revised Table 1. Summary of broad vegetation types, JANIS reservation targets and CAR reserve status by revised IGA reservation scenarios

	Hot-spots	EIA	STZ	WHA 2011	WHA 2012	ENGO (balance)
Descriptor	ha	ha	ha	ha	ha	ha
Total scenario area	35,598	251,635	58,178	57,816	39,348	121,038
Area in existing informal reserves	17,796	123,498	14	18,618	11,811	15,865
Unreserved areas	17,799	128,101	58,163	39,197	27,536	105,171
Vegetation summary						
Forest	30,695	205,783	52,445	52,112	34,659	113,144
Native nonforest	4,534	41,362	5,308	4,780	3,840	4,654
Threatened nonforest	2,360	0 ³	66	25	451	538
Other (water, rock, sand, mud, plantations, cleared land, unresolved vegetation mapping)	369	4,485	425	925	850	3,234
Forest community summary						
Threatened forest	3,152	0 ⁴	1,022	1	56	823
Area with 15% 1750 met	23,596	195,459	50,779	49,952	30,945	101,530
Area with 17% extant met	27,502	200,364	51,637	51,070	31,866	106,992
Area with 15% 1750 target	26,444	202,914	51,220	51,856	34,227	111,433
Area with 60% extant target	2,586	56	988	1	96	541
Area with 100% target	1,580	1,060	113	137	67	879
Area with <80% target met	6,127	348	219	305	1,002	2,755
Area with 80-100% target met	4,224	9,651	1,720	2,141	2,907	10,167
Area with 100-150% target met	10,232	26,194	2,726	1,351	1,801	29,641
Area with >150% target met	10,039	167,876	47,656	48,197	28,844	70,289
Old growth forest summary						
Area of old growth in proposals	13,727	81,060	31,375	19,603	11,003	15,573
Area with 60% old growth met	6,582	68,503	30,800	18,335	9,132	10,088
Area with 60% old growth target	8,770	78,139	30,389	19,441	10,659	12,030
Area with 100% old growth target	4,764	2,057	923	161	340	1,809
Area old growth with <80% target met	8,858	906	896	294	583	3,119
Area old growth with 80-100% target met	942	13,147	195	1,111	1,370	1,581
Area old growth with 100-150% target met	2,863	39,102	13,540	12,016	5,837	9,046
Area old growth with >150% target met	1,063	27,886	16,741	6,181	3,208	1,826

³ No threatened nonforest in EIA area as included in Hotspots scenario

⁴ No threatened forest in EIA area as included in Hotspots scenario

Revised Table 4. Cumulative summary of broad vegetation types, JANIS reservation targets and CAR reserve status by revised IGA forest reservation scenarios

Descriptor	Cumulative scenario area (ha)						Cumulative scenario area (% IGA total)					
	Hot-spots	EIA	STZ	WHA 2011	WHA 2012	ENGO	Hot-spots	EAI	STZ	WHA 2011	WHA 2012	ENGO
Cumulative scenario area	35,598	287,232	345,410	403,226	442,575	563,612	6.3	51.0	61.3	71.5	78.5	100.0
Area in existing informal reserves	17,796	141,294	141,308	159,926	171,737	187,603	3.2	25.1	25.1	28.4	30.5	33.3
Unreserved areas	17,799	145,900	204,062	243,260	270,796	375,967	3.2	25.9	36.2	43.2	48.0	66.7
Vegetation summary												
Forest	30,695	236,478	288,923	341,035	375,693	488,838	5.4	42.0	51.3	60.5	66.7	86.7
Native nonforest	4,534	45,896	51,204	55,984	59,823	64,477	0.8	8.1	9.1	9.9	10.6	11.4
Threatened nonforest	2,360	2,360 ⁵	2,426	2,451	2,902	3,440	0.4	0.4	0.4	0.4	0.5	0.6
Other (water, rock, sand, mud, plantations, cleared land, unresolved vegetation mapping)	369	4,854	5,279	6,204	7,054	10,288	0.1	0.9	0.9	1.1	1.3	1.8
Forest community summary												
Threatened forest	3,152	3,152	4,173	4,175	4,231	5,055	0.6	0.6	0.7	0.7	0.8	0.9
Area with 15% 1750 met	23,596	219,055	269,834	319,786	350,731	452,261	4.2	38.9	47.9	56.7	62.2	80.2
Area with 17% extant met	27,502	227,866	279,503	330,573	362,438	469,430	4.9	40.4	49.6	58.7	64.3	83.3
Area with 15% 1750 target	26,444	229,358	280,578	332,434	366,660	478,093	4.7	40.7	49.8	59.0	65.1	84.8
Area with 60% extant target	2,586	2,642	3,630	3,631	3,727	4,268	0.5	0.5	0.6	0.6	0.7	0.8
Area with 100% target	1,580	2,640	2,753	2,891	2,957	3,837	0.3	0.5	0.5	0.5	0.5	0.7
Area with <80% target met	6,127	6,475	6,694	6,999	8,002	10,757	1.1	1.1	1.2	1.2	1.4	1.9
Area with 80-100% target met	4,224	13,875	15,594	17,736	20,642	30,809	0.7	2.5	2.8	3.1	3.7	5.5
Area with 100-150% target met	10,232	36,425	39,151	40,502	42,303	71,944	1.8	6.5	6.9	7.2	7.5	12.8
Area with >150% target met	10,039	177,916	225,572	273,769	302,613	372,902	1.8	31.6	40.0	48.6	53.7	66.2

⁵ EIA area for threatened nonforest does not increase as all this vegetation was transferred to the Hotspots component of the scenario. See previous report for extent in EIA.

Old growth forest summary												
Area of old growth in proposals	13,727	94,787	126,162	145,765	156,767	172,340	2.4	16.8	22.4	25.9	27.8	30.6
Area with 60% old growth met	6,582	75,085	105,885	124,220	133,352	143,439	1.2	13.3	18.8	22.0	23.7	25.4
Area with 60% old growth target	8,770	86,909	117,298	136,739	147,398	159,429	1.6	15.4	20.8	24.3	26.2	28.3
Area with 100% old growth target	4,764	6,821	7,744	7,905	8,245	10,054	0.8	1.2	1.4	1.4	1.5	1.8
Area old growth with <80% target met	8,858	9,764	10,660	10,955	11,538	14,657	1.6	1.7	1.9	1.9	2.0	2.6
Area old growth with 80-100% target met	942	14,088	14,283	15,395	16,765	18,346	0.2	2.5	2.5	2.7	3.0	3.3
Area old growth with 100-150% target met	2,863	41,966	55,505	67,521	73,358	82,404	0.5	7.4	9.8	12.0	13.0	14.6
Area old growth with >150% target met	1,063	28,950	45,691	51,872	55,081	56,907	0.2	5.1	8.1	9.2	9.8	10.1

Revised Table 7. Under-reserved forest ecosystems and old growth types reaching JANIS reservation targets or increasing in reservation by more than 10% under revised IGA scenarios⁶
(See Attachment 1 for key to columns)

Veg. code	Extent (ha)	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (ha)	STZ (%)	WHA1 (%)	WHA (%)	ENGO (%)
DAD OG BL	1,956	1,956	875	1,076	1,076	1,076	1,076	1,076	1,186	44.7	55.0	55.0	55.0	55.0	55.0	60.6
DAM OG BL	1,222	1,222	767	881	881	881	881	881	959	62.7	72.1	72.1	72.1	72.1	72.1	78.5
DAM FL	2,124	1,000	925	947	1,196	1,196	1,196	1,196	1,238	92.5	94.7	119.6	119.6	119.6	119.6	123.8
DAM OG FL	56	56	18	39	39	39	39	39	39	32.0	70.2	70.2	70.2	70.2	70.2	70.2
DAM NS	3,812	1,000	446	629	629	629	629	630	665	44.6	62.9	62.9	62.9	62.9	63.0	66.5
DAM OG NS	119	119	60	84	84	84	84	84	84	50.9	70.8	70.8	70.8	70.8	70.8	70.8
DAM OG SR	72	72	47	55	55	55	55	55	55	65.1	76.1	76.1	76.1	76.1	76.1	76.1
DAS FL	80	80	5	61	61	61	61	61	61	6.2	76.3	76.3	76.3	76.3	76.3	76.3
DAZ BL	817	817	115	197	197	197	197	197	336	14.1	24.2	24.2	24.2	24.2	24.2	41.2
DAZ OG BL	39	39	20	20	20	20	20	20	28	53.0	53.0	53.0	53.0	53.0	53.0	73.1
DCO SE	384	384	270	281	281	281	281	281	336	70.4	73.1	73.1	73.1	73.1	73.1	87.6
DCO OG SE	73	73	22	22	22	22	22	22	64	29.5	29.5	29.5	29.5	29.5	29.5	87.3
DDE OG All Tas	59,632	35,779	35,146	36,407	38,739	38,786	39,963	41,652	44,105	98.2	101.8	108.3	108.4	111.7	116.4	123.3
DDE OG SE	17,970	10,782	8,174	9,239	9,239	9,239	9,239	9,239	10,131	75.8	85.7	85.7	85.7	85.7	85.7	94.0
DDE OG SR	10,448	6,269	5,695	5,746	6,305	6,322	7,265	8,450	8,480	90.8	91.7	100.6	100.8	115.9	134.8	135.3
DNI OG NS	934	934	779	779	856	882	884	884	898	83.4	83.4	91.7	94.5	94.6	94.6	96.1
DOB OG BL	1,849	1,849	1,183	1,351	1,351	1,351	1,351	1,351	1,481	64.0	73.1	73.1	73.1	73.1	73.1	80.1
DOB OG FL	1,318	1,000	976	976	1,179	1,179	1,179	1,179	1,179	97.6	97.6	117.9	117.9	117.9	117.9	117.9
DOB KI	9,213	3,365	2,112	2,411	2,411	2,423	2,552	2,639	2,847	62.8	71.7	71.7	72.0	75.8	78.4	84.6
DOB OG KI	2,110	1,266	756	872	872	872	872	894	924	59.7	68.8	68.8	68.8	68.8	70.6	73.0

⁶ It is important that figures in this table not be summed, as the figures integrate increases in old growth reservation with that for the matching forest ecosystem, i.e. any increase in old growth reservation is also included in the increase for the matching forest ecosystem.

Veg. code	Extent (ha)	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (ha)	STZ (%)	WHA1 (%)	WHA (%)	ENGO (%)
DOB OG SE	14,615	8,769	8,406	8,422	9,424	9,424	9,424	9,424	9,507	95.9	96.0	107.5	107.5	107.5	107.5	108.4
DOV OG NS	140	140	29	31	31	31	31	31	48	20.9	21.8	21.8	21.8	21.8	21.8	34.0
DPD BL	1,409	1,000	321	451	451	451	451	451	582	32.1	45.1	45.1	45.1	45.1	45.1	58.2
DPD OG BL	28	28	14	26	26	26	26	26	28	49.9	92.0	92.0	92.0	92.0	92.0	98.1
DPO BL	1,036	1,000	134	219	219	219	219	219	237	13.4	21.9	21.9	21.9	21.9	21.9	23.7
DPO OG BL	3	3	1	3	3	3	3	3	3	50.3	100.0	100.0	100.0	100.0	100.0	100.0
DPU OG All Tas	53,039	31,823	31,299	31,301	31,743	31,743	31,743	31,743	31,938	98.4	98.4	99.7	99.7	99.7	99.7	100.4
DPU OG SE	57,249	31,650	31,196	31,199	31,641	31,641	31,641	31,641	31,835	98.6	98.6	100.0	100.0	100.0	100.0	100.6
DRO BL	1,714	1,000	387	664	664	664	664	664	929	38.7	66.4	66.4	66.4	66.4	66.4	92.9
DRO OG BL	47	47	17	21	21	21	21	21	40	37.1	44.4	44.4	44.4	44.4	44.4	84.5
DSC BL	11,507	1,840	1,733	1,995	2,197	2,201	2,201	2,201	3,363	94.2	108.4	119.4	119.6	119.6	119.6	182.7
DSC OG BL	420	420	249	265	265	265	265	265	302	59.3	63.1	63.1	63.2	63.2	63.2	72.1
DSC NM	523	523	339	357	357	357	357	368	421	64.9	68.2	68.2	68.2	68.2	70.3	80.5
DSG OG BL	1,075	1,075	876	876	938	938	938	938	985	81.5	81.5	87.3	87.3	87.3	87.3	91.7
DSO OG BL	1,040	1,040	699	725	725	725	725	725	806	67.2	69.7	69.7	69.7	69.7	69.7	77.5
DSO FL	10,724	1,887	1,518	1,521	3,625	3,625	3,625	3,625	4,208	80.5	80.6	192.1	192.1	192.1	192.1	223.0
DVG BL	12,242	2,505	1,407	1,815	1,815	1,815	1,815	1,815	1,885	56.1	72.4	72.4	72.4	72.4	72.4	75.2
NAD SE	1,923	1,000	649	728	728	728	728	728	759	64.9	72.8	72.8	72.8	72.8	72.8	75.9
NAD WSW	883	883	537	614	614	630	632	632	632	60.8	69.5	69.5	71.4	71.6	71.6	71.6
NAF BL	506	506	113	208	208	214	214	214	249	22.4	41.2	41.2	42.3	42.3	42.3	49.3
NAF FL	370	370	103	323	323	323	323	323	323	27.9	87.3	87.3	87.3	87.3	87.3	87.3
NAF SR	4	4	0	1	1	1	1	1	1	0.0	29.0	29.0	29.0	29.0	29.0	29.0
NAF WSW	1,058	1,000	541	558	558	660	660	660	660	54.1	55.8	55.8	66.0	66.0	66.0	66.0
NAR BL	332	332	108	149	149	151	151	151	216	32.4	45.0	45.0	45.6	45.6	45.6	65.0
NAR KI	4,741	1,044	753	861	861	875	875	875	1,074	72.1	82.5	82.5	83.8	83.8	83.9	102.8
NAV OG BL	17	17	1	3	3	3	3	3	3	3.4	20.2	20.2	20.2	20.2	20.2	20.2
NBS All Tas	168	168	96	138	138	138	138	138	138	57.2	82.1	82.1	82.1	82.1	82.1	82.1
NBS OG All Tas	85	85	26	67	67	67	67	67	67	30.7	78.8	78.8	78.8	78.8	78.8	78.8

Veg. code	Extent (ha)	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (ha)	STZ (%)	WHA1 (%)	WHA (%)	ENGO (%)
NBS KI	158	158	86	128	128	128	128	128	128	54.3	80.9	80.9	80.9	80.9	80.9	80.9
NBS OG KI	85	85	26	67	67	67	67	67	67	30.7	78.8	78.8	78.8	78.8	78.8	78.8
NLM BL	64	64	28	33	33	33	33	33	38	44.3	51.1	51.1	51.1	51.1	51.1	59.6
NLM SE	88	88	43	55	55	55	55	55	56	49.0	62.6	62.6	62.6	62.6	62.6	63.5
NLM SR	766	766	442	450	450	507	572	599	647	57.7	58.7	58.7	66.2	74.7	78.2	84.5
NLM OG SR	101	101	79	79	79	96	97	97	97	78.0	78.0	78.0	94.4	95.1	95.2	95.2
NNP All Tas	287	287	132	150	150	150	150	150	181	45.8	52.2	52.2	52.2	52.2	52.2	63.0
NNP BL	140	140	43	59	59	59	59	59	83	31.0	42.4	42.4	42.4	42.4	42.4	59.7
NNP OG BL	2	2	1	1	1	1	1	1	2	62.1	62.1	62.1	62.1	62.1	62.1	86.0
RMS KI	12,583	3,609	3,446	3,844	3,876	4,039	4,257	4,390	4,687	95.5	106.5	107.4	111.9	117.9	121.6	129.9
RMS OG KI	6,015	3,609	2,422	2,633	2,633	2,665	2,812	2,887	2,890	67.1	73.0	73.0	73.8	77.9	80.0	80.1
RPF BL	2	2	0	0	0	0	0	0	2	0.0	14.6	14.6	14.6	14.6	14.6	99.9
WBR BL	95	95	15	39	39	39	39	39	44	15.5	41.6	41.6	41.6	41.6	41.6	46.6
WBR OG BL	1	1	0	1	1	1	1	1	1	0.0	70.1	70.1	70.1	70.1	70.1	79.3
WBR NS	36	36	6	19	19	19	19	19	30	16.6	52.5	52.5	52.5	52.5	52.5	82.1
WBR OG NS	1	1	0	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0	100.4
WNU OG NS	760	760	603	697	697	720	721	721	747	79.3	91.7	91.7	94.8	94.8	94.8	98.3
WOU OG BL	3,127	3,127	1,574	1,857	1,857	1,888	1,888	1,888	2,216	50.3	59.4	59.4	60.4	60.4	60.4	70.8
WOU FL	2,365	1,000	662	1,043	1,043	1,043	1,043	1,043	1,335	66.2	104.3	104.3	104.3	104.3	104.3	133.5
WOU OG FL	255	255	185	210	210	210	210	210	212	72.4	82.2	82.2	82.2	82.2	82.2	83.2
WOU KI	63,129	11,264	10,496	11,401	11,771	12,437	13,265	15,136	18,117	93.2	101.2	104.5	110.4	117.8	134.4	160.8
WOU OG KI	6,933	6,933	3,077	3,209	3,209	3,520	3,542	3,690	3,782	44.4	46.3	46.3	50.8	51.1	53.2	54.5
WOU NS	113,20	26,796	25,312	25,757	28,638	29,482	30,298	30,708	34,611	94.5	96.1	106.9	110.0	113.1	114.6	129.2
WOU OG NS	7,885	7,885	5,592	5,874	5,874	6,352	6,377	6,381	6,554	70.9	74.5	74.5	80.6	80.9	80.9	83.1
WRE OG BL	4,085	2,451	2,415	2,468	2,618	2,735	2,735	2,735	3,102	98.5	100.7	106.8	111.6	111.6	111.6	126.5
WRE NS	2,449	1,469	872	1,037	1,037	1,037	1,037	1,037	1,140	59.3	70.6	70.6	70.6	70.6	70.6	77.6
WRE OG NS	99	99	54	73	73	73	73	73	73	54.8	74.0	74.0	74.0	74.0	74.0	74.0
WRE OG SE	691	691	457	543	543	543	543	543	577	66.1	78.5	78.5	78.5	78.5	78.5	83.5

Veg. code	Extent (ha)	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (ha)	STZ (%)	WHA1 (%)	WHA (%)	ENGO (%)
WRE WSW	782	782	688	688	750	766	766	766	766	88.0	88.0	95.9	98.0	98.0	98.0	98.0
WSU BL	4	4	1	1	1	1	1	1	1	16.1	28.0	28.0	28.0	28.0	28.0	28.0
WVI OG BL	53	53	33	39	39	39	39	39	44	62.2	72.4	72.4	72.4	72.4	72.4	83.5

4. Discussion

The introduction of the Hotspots Reserves to the scenarios results in a shift in the point at which significant enhancement of JANIS reservation targets is achieved. Table 1 shows the forest communities and old growth forests that are under-reserved and that increase by more than 5%, or reach their reservation target, by the point in the each set of scenarios at which this change occurs. This is identified by checking for differences of 5% or more between the same points in the two scenarios. For example, a significant changes is identified if the percent reservation to target in the revised EIS scenario is 5% or more larger than in the original scenario, or the reservation target has been met in the revised scenario but not in the original scenario. For some communities multiple points are identified. Forests for which the point of change moves to the Hotspots scenario from scenarios later than EIA are highlighted.

Table 1. Comparison of scenarios by point of change between scenarios of 5%, or reservation target reached, for under-reserved forest communities and old growth

Veg. code	Current reservation (% of target)	Original scenario	Revised scenario
DAD OG BL	44.7	EIA, ENGO	Hot, ENGO
DAM OG BL	62.7	EIA, ENGO	Hot, ENGO
DAM FL	92.5	EIA	EIA
DAM OG FL	32.0	EIA	Hot
DAM NS	44.6	EIA, ENGO	Hot
DAM OG NS	50.9	EIA	Hot
DAM OG SR	65.1	EIA	Hot
DAS FL	6.2	EIA	Hot
DAZ BL	14.1	ENGO	Hot
DAZ OG BL	53.0	ENGO	ENGO
DCO SE	70.4	ENGO	ENGO
DCO OG SE	29.5	ENGO	ENGO
DDE OG All Tas	98.2	EIA	Hot
DDE OG SE	75.8	EIA, ENGO	Hot, ENGO
DDE OG SR	90.8	EIA	EIA
DNI OG NS	83.4	EIA	EIA
DOB OG BL	64.0	EIA, ENGO	Hot, ENGO
DOB OG FL	97.6	EIA	EIA
DOB KI	62.8	EIA, WHA2, ENGO	Hot, WHA2, ENGO
DOB OG KI	59.7	EIA, ENGO	Hot

Veg. code	Current reservation (% of target)	Original scenario	Revised scenario
DOB OG SE	95.9	EIA	EIA
DOV OG NS	20.9	ENGO	ENGO
DPD BL	32.1	EIA, ENGO	Hot, ENGO
DPD OG BL	49.9	EIA, ENGO	Hot, ENGO
DPO BL	13.4	EIA, ENGO	Hot, ENGO
DPO OG BL	50.3	EIA	Hot
DPU OG All Tas	98.4	ENGO	ENGO
DPU OG SE	98.6	EIA	EIA
DRO BL	38.7	EIA, ENGO	Hot, ENGO
DRO OG BL	37.1	ENGO	Hot, ENGO
DSC BL	94.2	EIA	Hot
DSC OG BL	59.3	ENGO	ENGO
DSC NM	64.9	WHA2, ENGO	WHA2, ENGO
DSG OG BL	81.5	EIA	EIA
DSO OG BL	67.2	ENGO	ENGO
DSO FL	80.5	EIA	EIA
DVG BL	56.1	EIA	Hot
NAD SE	64.9	ENGO	Hot
NAD WSW	60.8	EIA	Hot
NAF BL	22.4	ENGO	Hot, ENGO
NAF FL	27.9	EIA	Hot

Veg. code	Current reservation (% of target)	Original scenario	Revised scenario
NAF SR	0.0	EIA	Hot
NAF WSW	54.1	STZ	STZ
NAR BL	32.4	EIA, ENGO	Hot, ENGO
NAR KI	72.1	ENGO	Hot, ENGO
NAV OG BL	3.4	EIA	Hot
NBS All Tas	57.2	EIA	Hot
NBS OG All Tas	30.7	EIA	Hot
NBS KI	54.3	EIA	Hot
NBS OG KI	30.7	EIA	Hot
NLM BL	44.3	EIA, ENGO	Hot, ENGO
NLM SE	49.0	ENGO	Hot
NLM SR	57.7	STZ, WHA1, ENGO	STZ, WHA1, ENGO
NLM OG SR	78.0	STZ	STZ
NNP All Tas	45.8	ENGO	Hot, ENGO
NNP BL	31.0	ENGO	Hot, ENGO
NNP OG BL	62.1	ENGO	ENGO
RMS KI	95.5	STZ	Hot
RMS OG KI	67.1	WHA1, WHA2	Hot, ENGO
RPF BL	0.0	EIA, ENGO	Hot, ENGO
WBR BL	15.5	EIA, ENGO	Hot, ENGO
WBR OG BL	0.0	ENGO	Hot, ENGO
WBR NS	16.6	ENGO	Hot, ENGO
WBR OG NS	0.0	ENGO	ENGO

Veg. code	Current reservation (% of target)	Original scenario	Revised scenario
WNU OG NS	79.3	EIA, ENGO	Hot, ENGO
WOU OG BL	50.3	EIA, ENGO	Hot, ENGO
WOU FL	66.2	EIA	Hot
WOU OG FL	72.4	EIA	Hot
WOU KI	93.2	STZ	Hot
WOU OG KI	44.4	WHA1	STZ
WOU NS	94.5	EIA	EIA
WOU OG NS	70.9	STZ	STZ
WRE OG BL	98.5	EIA	Hot
WRE NS	59.3	EIA, ENGO	Hot, ENGO
WRE OG NS	54.8	EIA	Hot
WRE OG SE	66.1	EIA, ENGO	Hot, ENGO
WRE WSW	88.0	EIA	EIA
WSU BL	16.1	EIA	Hot
WVI OG BL	62.2	ENGO	Hot

This occurs principally through the transfer of threatened and under-reserved forest communities and old growth from the ENGO scenario (i.e. the balance of areas not included in the EIA, STZ or WHA scenarios) to the Hotspots scenario.

The table below illustrates this by indicating the source of areas in the revised scenarios from the five original scenarios.

Table 2. Composition of Hotspots Reserves scenario by origin

Original scenario	Hotspots Reserves scenario (ha)
EIA	13,153
STZ	68
WHA2011	3,103
WHA2012	5,493
ENGO	13,780

The overall changes in reservation of threatened vegetation communities and under-reserved forests are, however, on the whole relatively small. This arises in large due to the restriction of the IGA assessed areas to those nominated by ENGOs. As noted in the original scenario report, the lack of a systematic approach to identification of areas for inclusion in reserves, including through the lack of attention to the non-target elements of the JANIS criteria, may have negative consequences for biodiversity beyond any decision on reserves from the IGA.

This risk arises due to the bulk of the unprotected threatened vegetation and under-reserved forest on public land occurring outside the ENGO-nominated areas, and the overwhelming occurrence of these communities on private land. Table 3 shows the breakdown of vegetation categories assessed in this report by land tenure classes.

Table 3. Breakdown of broad forest and non-forest vegetation categories by land tenure

Vegetation type	Tenure category										Totals
	A1	A2	P2	A3	P3	FR	IR	PF	ZZ	PZ	
Forest	1,495,680	118,501	163,040	467,687	313,141	89,978	1,002	1	936,254	12,628	3,597,913
Threatened forest	86,237	7,332	2,025	8,789	2,745	16,848	41	0	129,266	282	253,565
Under-reserved forest communities	101,321	23,517	10,904	101,622	30,026	35,299	100	0	330,492	643	633,924
Old growth forest	739,322	45,223	91,893	39,712	77,258	15,156	0	0	97,790	3,195	1,109,549
Rare/Depleted old growth	22,726	5,113	5,485	5,598	4,460	3,258	0	0	15,819	109	62,569
Under-reserved old growth	62,132	15,990	20,136	15,079	12,594	9,682	0	0	62,043	274	197,929
Nonforest	999,430	11,668	21,715	35,633	36,234	20,212	8,606	0	311,495	6,528	1,451,521
Threatened nonforest	46,388	2,144	1,442	1,521	1,330	6,017	104	0	46,254	668	105,869

Key to tenure categories:

- A1 - Dedicated formal reserve;
- A2 - Informal reserve on public land;
- P2 - Informal reserve on public land proposed for reservation;
- A3 - Other public land;
- P3 - Other public land proposed for reservation;
- IR - Indigenous protected area;
- PI - Indigenous protected area proposed for reservation;
- FR - Private conservation reserve
- PF - Private conservation reserve proposed for reservation;
- ZZ - Not attributed (freehold land plus any areas not attributed above); and
- PZ - Unattributed areas proposed for reservation.

Attachment 1

Cumulative changes to forest ecosystem and old growth reservation by area and JANIS reservation targets of revised IGA scenarios

Key to column headings

Veg. code - Concatenated code combining the forest ecosystem code (left 3 letters) and “OG” for the old growth component, where applicable. For the bioregional summaries each concatenated code is suffixed by the IBRA code for the bioregion.

Extant (ha) - Mapped extant area of the forest ecosystem or the old growth component.

Pre-1750 (ha) - Estimated pre-1750 extent of the forest ecosystem. Old growth forests are a null value for this figure and indicated by “na”.

JANIS status - Conservation status codes for:

- Forest communities - p(C) not threatened, V Vulnerable, R Endangered, E Endangered;
- Old growth - p(OG) not Rare or Depleted, R/D Rare and/or Depleted.

Target (ha) - JANIS reservation target in hectares associated with the conservation status. Note that targets are adjusted to reflect a range of criteria described in Section 2 of Report 1A.

Current reserves (ha) - Current area of the forest ecosystem or old growth form in CAR reserves in Tasmania.

Hotspots (ha) – The area of the forest ecosystem or old growth included in the CAR reserve system if the Hotspots scenario were implemented.

EIA (ha) - The area of the forest ecosystem or old growth form that would be included in the CAR reserve system if the combined Hotspots and revised EIA scenario were implemented.

STZ (ha) - Area of forest ecosystem or old growth form included in the CAR reserve system if the combined Hotspots and revised EIA and STZ scenarios were implemented.

WHA1 (ha) - Area of the forest ecosystem or old growth included in the CAR reserve system if the combined revised EIA, STZ and WHA 2011 scenarios were implemented.

WHA2 (ha) - The area of the forest ecosystem or old growth form included in the CAR reserve system if the combined Hotspots and revised EIA, STZ, WHA 2011 and WHA 2012 scenarios were implemented.

ENGO (ha) - The area of the forest ecosystem or old growth form included in the CAR reserve system if the combined Hotspots and revised EIA, STZ, WHA 2011, WHA 2012 and ENGO scenarios (i.e. all of IGA assessed area) were implemented.

Hotspots (%), EIA (%), STZ (%), WHA1 (%), WHA2 (%), ENGO (%) – Percentage of the total IGA assessed area represented by the corresponding column of hectares.

Conservation of forest ecosystems and old growth of revised IGA scenarios, Statewide assessment

	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
36	62,951	63,347	71,373	71,373	71,373	71,373	75,530	162.5	163.5	184.3	184.3	184.3	184.3	195.0
35	19,673	19,709	20,167	20,167	20,167	20,167	20,225	118.3	118.5	121.2	121.2	121.2	121.2	121.6
66	47,522	47,993	50,899	50,899	50,908	51,326	53,239	137.5	138.8	147.3	147.3	147.3	148.5	154.0
66	22,517	22,718	23,663	23,663	23,663	23,667	23,968	113.3	114.4	119.1	119.1	119.1	119.1	120.6
71	11,510	12,052	13,381	13,381	13,381	13,542	16,156	111.0	116.2	129.0	129.0	129.0	130.6	155.8
63	1,701	1,868	1,868	1,868	1,868	1,873	1,952	49.1	53.9	53.9	53.9	53.9	54.1	56.4
58	13,671	14,080	14,080	14,080	14,080	14,106	14,216	52.9	54.5	54.5	54.5	54.5	54.6	55.0
81	5,474	5,513	5,513	5,513	5,513	5,515	5,520	103.7	104.4	104.4	104.4	104.4	104.4	104.5
39	6,387	6,514	6,514	6,514	6,514	6,514	6,664	41.9	42.7	42.7	42.7	42.7	42.7	43.7
57	997	998	998	998	998	998	1,005	34.9	34.9	34.9	34.9	34.9	34.9	35.2
77	107,756	107,781	109,171	109,210	109,403	109,445	109,751	570.8	571.0	578.3	578.5	579.5	579.8	581.4
77	28,356	28,356	28,817	28,821	28,885	28,888	28,979	150.2	150.2	152.7	152.7	153.0	153.0	153.5
85	80,804	83,030	94,789	94,850	98,226	104,377	121,669	173.8	178.6	203.9	204.0	211.3	224.5	261.7
79	35,146	36,407	38,739	38,786	39,963	41,652	44,105	98.2	101.8	108.3	108.4	111.7	116.4	123.3
31	6,560	6,707	6,707	6,707	6,707	6,707	6,778	41.2	42.1	42.1	42.1	42.1	42.1	42.5
15	2,161	2,238	2,238	2,238	2,238	2,238	2,244	61.5	63.7	63.7	63.7	63.7	63.7	63.8
6	4	4	4	4	4	4	4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	0	0	0	0	0	0	0	na	na	na	na	na	na	na
95	5,958	5,958	5,958	5,958	5,958	5,958	5,958	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	0	0	0	0	0	0	0	na	na	na	na	na	na	na
56	37,132	37,153	39,889	41,221	41,945	42,149	42,211	303.0	303.1	325.5	336.3	342.2	343.9	344.4

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DOB OG Tas	37,146	0	p(OG)	22,287	23,506	23,813	26,042	26,344	26,524	26,650	26,964	105.5	106.8	116.8	118.2	119.0	119.6	121.0
DOV Tas	17,733	186,618	E	17,733	4,215	4,345	4,345	4,345	4,345	4,345	4,461	23.8	24.5	24.5	24.5	24.5	24.5	25.2
DOV OG Tas	1,031	0	R/D	1,031	658	661	661	661	661	661	681	63.8	64.1	64.1	64.1	64.1	64.1	66.0
DPD Tas	42,197	45,908	p(C)	6,886	13,824	14,061	14,846	14,846	14,997	15,761	15,961	200.7	204.2	215.6	215.6	217.8	228.9	231.8
DPD OG Tas	7,168	0	p(OG)	4,301	5,764	5,834	6,125	6,125	6,195	6,419	6,438	134.0	135.7	142.4	142.4	144.0	149.3	149.7
DPO Tas	8,932	25,475	V	5,359	799	885	907	907	907	907	940	14.9	16.5	16.9	16.9	16.9	16.9	17.5
DPO OG Tas	552	0	R/D	552	64	65	69	69	69	69	73	11.5	11.8	12.5	12.5	12.5	12.5	13.3
DPU Tas	139,587	186,000	p(C)	31,823	47,874	47,927	48,766	48,766	48,766	48,766	49,979	150.4	150.6	153.2	153.2	153.2	153.2	157.1
DPU OG Tas	53,039	0	p(OG)	31,823	31,299	31,301	31,743	31,743	31,743	31,743	31,938	98.4	98.4	99.7	99.7	99.7	99.7	100.4
DRI Tas	780	862	R	780	356	356	356	356	356	356	356	45.7	45.7	45.7	45.7	45.7	45.7	45.7
DRI OG Tas	24	0	R/D	24	18	18	18	18	18	18	18	72.9	72.9	72.9	72.9	72.9	72.9	72.9
DRO Tas	13,277	16,001	p(C)	2,400	2,659	2,940	2,967	2,967	2,975	3,016	3,314	110.8	122.5	123.6	123.6	123.9	125.6	138.1
DRO OG Tas	1,268	0	R/D	1,268	471	474	474	474	476	486	507	37.1	37.4	37.4	37.4	37.5	38.3	40.0
DSC Tas	50,303	87,576	p(C)	13,136	13,539	14,031	14,495	14,498	14,539	15,187	17,923	103.1	106.8	110.3	110.4	110.7	115.6	136.4
DSC OG Tas	2,149	0	R/D	2,149	1,526	1,543	1,613	1,613	1,613	1,614	1,705	71.0	71.8	75.0	75.1	75.1	75.1	79.4
DSG Tas	26,832	28,182	p(C)	4,227	8,327	8,428	13,344	13,344	13,344	13,344	16,354	197.0	199.4	315.7	315.7	315.7	315.7	386.9
DSG OG Tas	1,595	0	R/D	1,595	1,347	1,347	1,412	1,412	1,412	1,412	1,463	84.4	84.4	88.5	88.5	88.5	88.5	91.7
DSO Tas	35,447	40,479	p(C)	6,072	11,400	11,883	15,328	15,328	15,328	15,328	18,636	187.8	195.7	252.4	252.4	252.4	252.4	306.9
DSO OG Tas	2,388	0	R/D	2,388	1,650	1,676	1,703	1,703	1,703	1,703	1,784	69.1	70.2	71.3	71.3	71.3	71.3	74.7
DTD Tas	10,619	11,134	p(C)	3,022	6,029	6,030	6,115	6,115	6,115	6,115	6,586	199.5	199.5	202.3	202.3	202.3	202.3	217.9
DTD OG Tas	5,037	0	p(OG)	3,022	4,154	4,154	4,178	4,178	4,178	4,178	4,305	137.4	137.4	138.2	138.2	138.2	138.2	142.4
DTG Tas	3,572	3,698	p(C)	1,778	3,401	3,401	3,401	3,401	3,401	3,401	3,401	191.3	191.3	191.3	191.3	191.3	191.3	191.3
DTG OG Tas	2,963	0	p(OG)	1,778	2,848	2,848	2,848	2,848	2,848	2,848	2,848	160.2	160.2	160.2	160.2	160.2	160.2	160.2
DTO Tas	48,006	105,374	V	28,803	11,297	11,307	11,307	11,307	11,307	11,307	11,308	39.2	39.3	39.3	39.3	39.3	39.3	39.3
DTO OG Tas	7,650	0	p(OG)	4,590	3,441	3,447	3,447	3,447	3,447	3,447	3,447	75.0	75.1	75.1	75.1	75.1	75.1	75.1

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DVC Tas	2,937	8,192	R	2,937	1,626	1,625	1,625	1,625	1,625	1,625	1,625	55.4	55.3	55.3	55.3	55.3	55.3	55.3
DVC OG Tas	393	0	R/D	393	237	237	237	237	237	237	237	60.1	60.1	60.1	60.1	60.1	60.1	60.1
DVF Tas	1,052	13,285	E	1,052	412	412	412	412	412	412	412	39.1	39.1	39.1	39.1	39.1	39.1	39.1
DVF OG Tas	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DVG Tas	109,616	249,576	p	9,168	14,565	14,972	15,006	15,006	15,006	15,006	15,088	158.9	163.3	163.7	163.7	163.7	163.7	164.6
DVG OG Tas	9,168	0	R/D	9,168	2,766	2,767	2,767	2,767	2,767	2,767	2,768	30.2	30.2	30.2	30.2	30.2	30.2	30.2
NAD Tas	41,415	48,278	p(C)	7,242	12,945	13,256	14,539	14,724	14,979	15,090	16,756	178.8	183.1	200.8	203.3	206.8	208.4	231.4
NAD OG Tas	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF Tas	10,723	19,200	p(C)	2,880	3,482	3,817	3,817	3,930	3,930	3,933	4,109	120.9	132.5	132.5	136.4	136.4	136.6	142.7
NAF OG Tas	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR Tas	19,098	24,247	p(C)	3,637	8,507	8,674	8,789	9,376	9,377	9,402	9,812	233.9	238.5	241.7	257.8	257.8	258.5	269.8
NAR OG Tas	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV Tas	17,131	20,356	p(C)	3,053	5,639	4,797	4,877	4,877	4,883	4,883	4,885	184.7	157.1	159.7	159.7	159.9	159.9	160.0
NAV OG Tas	867	0	R/D	867	629	632	632	632	632	632	632	72.5	72.8	72.8	72.8	72.9	72.9	72.9
NBS Tas	168	242	E	168	96	138	138	138	138	138	138	57.2	82.1	82.1	82.1	82.1	82.1	82.1
NBS OG Tas	85	0	R/D	85	26	67	67	67	67	67	67	30.7	78.8	78.8	78.8	78.8	78.8	78.8
NCR Tas	815	2,214	R	815	538	536	536	536	536	536	536	66.0	65.8	65.8	65.8	65.8	65.8	65.8
NCR OG Tas	511	0	R/D	511	316	319	319	319	319	319	319	61.9	62.5	62.5	62.5	62.5	62.5	62.5
NLM Tas	13,616	37,888	p(C)	5,683	8,189	8,168	8,225	8,839	8,914	9,144	9,256	144.1	143.7	144.7	155.5	156.8	160.9	162.9
NLM OG Tas	2,523	0	p(OG)	1,514	2,252	2,256	2,256	2,342	2,343	2,363	2,363	148.8	149.0	149.1	154.7	154.8	156.1	156.1
NME Tas	7,863	30,934	E	7,863	2,542	2,583	2,583	2,590	2,590	2,590	2,715	32.3	32.9	32.9	32.9	32.9	32.9	34.5
NME OG Tas	290	0	R/D	290	160	160	160	160	160	160	161	55.3	55.3	55.3	55.3	55.3	55.3	55.4
NNP Tas	287	1,055	E	287	132	150	150	150	150	150	181	45.8	52.2	52.2	52.2	52.2	52.2	63.0
NNP OG Tas	46	0	R/D	46	27	27	27	27	27	27	28	59.0	59.0	59.0	59.0	59.0	59.0	60.3
RHP Tas	13,741	13,741	p(C)	4,579	11,995	11,994	12,015	12,702	12,705	12,711	12,711	261.9	261.9	262.4	277.4	277.5	277.6	277.6

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
RHP OG Tas	7,632	0	p(OG)	4,579	7,339	7,339	7,341	7,601	7,601	7,605	7,605	160.3	160.3	160.3	166.0	166.0	166.1	166.1
RKF Tas	3,236	3,236	R	3,236	3,065	3,065	3,065	3,091	3,091	3,091	3,091	94.7	94.7	94.7	95.5	95.5	95.5	95.5
RKF OG Tas	350	0	R/D	350	338	338	338	338	338	338	338	96.5	96.5	96.5	96.5	96.5	96.5	96.5
RKP Tas	19,131	19,182	V	11,478	16,948	33,126	33,126	34,121	34,122	34,124	34,124	147.7	288.6	288.6	297.3	297.3	297.3	297.3
RKP OG Tas	9,326	0	p(OG)	5,595	9,082	10,603	10,603	10,627	10,627	10,628	10,628	162.3	189.5	189.5	189.9	189.9	189.9	189.9
RMS Tas	205,025	225,993	p(C)	81,644	156,734	157,283	162,630	175,147	177,552	178,633	179,618	192.0	192.6	199.2	214.5	217.5	218.8	220.0
RMS OG Tas	136,073	0	p(OG)	81,644	115,861	116,134	118,187	124,826	126,139	126,879	127,050	141.9	142.2	144.8	152.9	154.5	155.4	155.6
RMT Tas	436,367	464,633	p(C)	190,373	380,736	381,412	386,512	403,708	405,072	406,040	409,455	200.0	200.3	203.0	212.1	212.8	213.3	215.1
RMT OG Tas	317,289	0	p(OG)	190,373	290,037	290,429	292,583	305,837	306,699	307,253	308,240	152.4	152.6	153.7	160.7	161.1	161.4	161.9
RPF Tas	4,438	4,438	R	4,438	4,437	4,437	4,437	4,437	4,437	4,437	4,438	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPF OG Tas	356	0	R/D	356	356	356	356	356	356	356	356	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPP Tas	3,562	3,562	R	3,562	3,560	19,835	19,835	19,835	19,835	19,835	19,835	99.9	556.8	556.8	556.8	556.8	556.8	556.8
RPP OG Tas	342	0	R/D	342	341	1,135	1,135	1,135	1,135	1,135	1,135	99.7	332.2	332.2	332.2	332.2	332.2	332.2
WBR Tas	6,399	13,548	V	3,840	2,102	2,140	2,140	2,140	2,140	2,140	2,163	54.7	55.7	55.7	55.7	55.7	55.7	56.3
WBR OG Tas	877	0	R/D	877	475	476	476	476	476	476	481	54.2	54.3	54.3	54.3	54.3	54.3	54.8
WDU Tas	275,996	310,663	p(C)	60,495	134,121	135,150	146,337	149,600	156,505	162,453	182,393	221.7	223.4	241.9	247.3	258.7	268.5	301.5
WDU OG Tas	100,825	0	p(OG)	60,495	77,166	77,309	81,063	83,422	86,532	88,500	91,411	127.6	127.8	134.0	137.9	143.0	146.3	151.1
WGK Tas	1,824	32,641	E	1,824	1,136	1,136	1,136	1,136	1,136	1,136	1,136	62.3	62.3	62.3	62.3	62.3	62.3	62.3
WGK OG Tas	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WNU Tas	240,745	250,658	p(C)	56,831	220,392	220,650	226,757	229,021	229,803	230,289	230,533	387.8	388.3	399.0	403.0	404.4	405.2	405.6
WNU OG Tas	94,719	0	p(OG)	56,831	92,424	92,538	93,027	93,607	93,781	93,827	93,868	162.6	162.8	163.7	164.7	165.0	165.1	165.2
WOU Tas	441,050	578,926	p(C)	86,839	141,438	144,205	160,076	170,337	185,598	191,270	210,571	162.9	166.1	184.3	196.2	213.7	220.3	242.5
WOU OG Tas	84,542	0	p(OG)	50,725	60,719	61,462	64,307	70,464	72,090	72,522	73,473	119.7	121.2	126.8	138.9	142.1	143.0	144.8
WRE Tas	83,220	110,904	p(C)	16,636	22,604	23,643	26,446	27,418	29,258	30,940	39,561	135.9	142.1	159.0	164.8	175.9	186.0	237.8
WRE OG Tas	12,793	0	p(OG)	7,676	8,349	8,507	8,916	9,531	9,823	9,989	10,491	108.8	110.8	116.2	124.2	128.0	130.1	136.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
WSU Tas	28,008	28,402	p(C)	7,446	26,125	26,130	26,662	27,286	27,672	27,731	27,787	350.9	350.9	358.1	366.5	371.7	372.4	373.2
WSU OG Tas	12,409	0	p(OG)	7,446	11,522	11,522	11,651	12,203	12,325	12,343	12,345	154.7	154.8	156.5	163.9	165.5	165.8	165.8
WVI Tas	7,592	76,807	E	7,592	2,197	2,270	2,270	2,270	2,270	2,270	2,351	28.9	29.9	29.9	29.9	29.9	29.9	31.0
WVI OG Tas	301	0	R/D	301	187	192	192	192	192	192	198	61.9	63.7	63.7	63.7	63.7	63.7	65.7

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Ben Lomond bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC BL	49,574	71,455	p(C)	10,718	17,571	17,830	22,835	22,835	22,835	22,835	25,892	163.9	166.3	213.0	213.0	213.0	213.0	241.6
DAC OG BL	6,354	0	p(OG)	3,812	5,498	5,499	5,600	5,600	5,600	5,600	5,652	144.2	144.2	146.9	146.9	146.9	146.9	148.2
DAD BL	44,092	51,875	p(C)	7,781	9,096	9,526	10,730	10,730	10,730	10,730	11,486	116.9	122.4	137.9	137.9	137.9	137.9	147.6
DAD OG BL	1,956	0	R/D	1,956	875	1,076	1,076	1,076	1,076	1,076	1,186	44.7	55.0	55.0	55.0	55.0	55.0	60.6
DAM BL	24,883	36,776	p(C)	5,516	7,104	7,424	8,456	8,456	8,456	8,456	10,993	128.8	134.6	153.3	153.3	153.3	153.3	199.3
DAM OG BL	1,222	0	R/D	1,222	767	881	881	881	881	881	959	62.7	72.1	72.1	72.1	72.1	72.1	78.5
DAS BL	2,284	3,404	V	1,371	900	987	987	987	987	987	1,023	65.7	72.0	72.0	72.0	72.0	72.0	74.6
DAS OG BL	336	0	R/D	336	292	312	312	312	312	312	317	86.8	92.7	92.7	92.7	92.7	92.7	94.1
DAZ BL	817	5,942	V	817	115	197	197	197	197	197	336	14.1	24.2	24.2	24.2	24.2	24.2	41.2
DAZ OG BL	39	0	R/D	39	20	20	20	20	20	20	28	53.0	53.0	53.0	53.0	53.0	53.0	73.1
DCO BL	1,217	1,217	R	1,217	1,116	1,131	1,134	1,134	1,134	1,134	1,187	91.7	93.0	93.2	93.2	93.2	93.2	97.6
DCO OG BL	115	0	R/D	115	115	115	115	115	115	115	115	99.6	99.6	99.6	99.6	99.6	99.6	99.7
DDE BL	50,545	51,434	p(C)	7,715	15,944	16,882	19,306	19,306	19,306	19,306	29,433	206.7	218.8	250.2	250.2	250.2	250.2	381.5
DDE OG BL	6,910	0	p(OG)	4,146	4,508	4,623	5,037	5,037	5,037	5,037	6,280	108.7	111.5	121.5	121.5	121.5	121.5	151.5
DGL BL	250	254	R	250	109	131	131	131	131	131	132	43.5	52.4	52.4	52.4	52.4	52.4	52.7
DGL OG BL	2	0	R/D	2	2	2	2	2	2	2	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DOB BL	28,833	42,018	p(C)	6,303	6,335	6,785	9,721	9,722	9,722	9,722	12,700	100.5	107.6	154.2	154.3	154.3	154.3	201.5
DOB OG BL	1,849	0	R/D	1,849	1,183	1,351	1,351	1,351	1,351	1,351	1,481	64.0	73.1	73.1	73.1	73.1	73.1	80.1
DOV BL	2,652	18,096	E	2,652	420	495	495	495	495	495	518	15.9	18.7	18.7	18.7	18.7	18.7	19.5
DOV OG BL	46	0	R/D	46	12	14	14	14	14	14	16	26.4	29.5	29.5	29.5	29.5	29.5	34.7
DPD BL	1,409	1,432	p(C)	1,000	321	451	451	451	451	451	582	32.1	45.1	45.1	45.1	45.1	45.1	58.2
DPD OG BL	28	0	R/D	28	14	26	26	26	26	26	28	49.9	92.0	92.0	92.0	92.0	92.0	98.1
DPO BL	1,036	3,054	V	1,000	134	219	219	219	219	219	237	13.4	21.9	21.9	21.9	21.9	21.9	23.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DPO OG BL	3	0	R/D	3	1	3	3	3	3	3	3	50.3	100.0	100.0	100.0	100.0	100.0	100.0
DPU BL	160	161	R	160	12	12	16	16	16	16	16	7.5	7.5	10.0	10.0	10.0	10.0	10.0
DPU OG BL	5	0	R/D	5	1	1	1	1	1	1	1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
DRO BL	1,714	1,968	p(C)	1,000	387	664	664	664	664	664	929	38.7	66.4	66.4	66.4	66.4	66.4	92.9
DRO OG BL	47	0	R/D	47	17	21	21	21	21	21	40	37.1	44.4	44.4	44.4	44.4	44.4	84.5
DSC BL	11,507	12,269	p(C)	1,840	1,733	1,995	2,197	2,201	2,201	2,201	3,363	94.2	108.4	119.4	119.6	119.6	119.6	182.7
DSC OG BL	420	0	R/D	420	249	265	265	265	265	265	302	59.3	63.1	63.1	63.2	63.2	63.2	72.1
DSG BL	18,323	19,052	p(C)	2,858	5,558	5,658	9,754	9,754	9,754	9,754	12,482	194.5	198.0	341.3	341.3	341.3	341.3	436.8
DSG OG BL	1,075	0	R/D	1,075	876	876	938	938	938	938	985	81.5	81.5	87.3	87.3	87.3	87.3	91.7
DSO BL	23,394	25,679	p(C)	3,852	8,890	9,371	10,711	10,711	10,711	10,711	13,436	230.8	243.3	278.1	278.1	278.1	278.1	348.8
DSO OG BL	1,040	0	R/D	1,040	699	725	725	725	725	725	806	67.2	69.7	69.7	69.7	69.7	69.7	77.5
DVG BL	12,242	16,702	p(C)	2,505	1,407	1,815	1,815	1,815	1,815	1,815	1,885	56.1	72.4	72.4	72.4	72.4	72.4	75.2
DVG OG BL	172	0	R/D	172	36	37	37	37	37	37	37	21.0	21.4	21.4	21.4	21.4	21.4	21.4
NAD BL	10,515	13,193	p(C)	1,979	2,871	2,997	3,463	3,617	3,617	3,617	4,561	145.1	151.4	175.0	182.8	182.8	182.8	230.5
NAD OG BL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF BL	506	506	R	506	113	208	208	214	214	214	249	22.4	41.2	41.2	42.3	42.3	42.3	49.3
NAF OG BL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR BL	332	802	R	332	108	149	149	151	151	151	216	32.4	45.0	45.0	45.6	45.6	45.6	65.0
NAR OG BL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV BL	705	705	R	705	126	129	170	170	170	170	172	17.9	18.3	24.1	24.1	24.1	24.1	24.4
NAV OG BL	17	0	R/D	17	1	3	3	3	3	3	3	3.4	20.2	20.2	20.2	20.2	20.2	20.2
NLM BL	64	385	R	64	28	33	33	33	33	33	38	44.3	51.1	51.1	51.1	51.1	51.1	59.6
NLM OG BL	3	0	R/D	3	3	3	3	3	3	3	3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
NME BL	192	880	E	192	28	41	41	41	41	41	42	14.4	21.3	21.3	21.3	21.3	21.3	21.9
NME OG BL	3	0	R/D	3	0	0	0	0	0	0	0	15.3	15.3	15.3	15.3	15.3	15.3	15.3
NNP BL	140	597	E	140	43	59	59	59	59	59	83	31.0	42.4	42.4	42.4	42.4	42.4	59.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
NNP OG BL	2	0	R/D	2	1	1	1	1	1	1	2	62.1	62.1	62.1	62.1	62.1	62.1	86.0
RMS BL	5,428	5,443	p(C)	1,000	3,368	3,424	4,190	4,304	4,304	4,304	4,680	336.8	342.4	419.0	430.4	430.4	430.4	468.0
RMS OG BL	1,398	0	p(OG)	1,000	1,149	1,149	1,189	1,219	1,219	1,219	1,274	114.9	114.9	118.9	121.9	121.9	121.9	127.4
RMT BL	28,959	35,357	p(C)	8,345	15,874	16,168	17,702	19,336	19,336	19,336	22,270	190.2	193.7	212.1	231.7	231.7	231.7	266.8
RMT OG BL	13,909	0	p(OG)	8,345	10,006	10,083	10,288	11,486	11,486	11,486	12,277	119.9	120.8	123.3	137.6	137.6	137.6	147.1
RPF BL	2	2	R	2	0	0	0	0	0	0	2	0.0	14.6	14.6	14.6	14.6	14.6	99.9
RPF OG BL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WBR BL	95	289	R	95	15	39	39	39	39	39	44	15.5	41.6	41.6	41.6	41.6	41.6	46.6
WBR OG BL	1	0	R/D	1	0	1	1	1	1	1	1	0.0	70.1	70.1	70.1	70.1	70.1	79.3
WDU BL	39,806	43,544	p(C)	6,532	10,446	10,943	12,846	12,979	12,979	12,979	22,282	159.9	167.5	196.7	198.7	198.7	198.7	341.1
WDU OG BL	5,928	0	p(C)	1,000	3,026	3,110	3,371	3,431	3,431	3,431	4,750	302.6	311.0	337.1	343.1	343.1	343.1	475.0
WOU BL	36,383	56,338	p(C)	8,451	8,747	9,652	12,361	12,422	12,422	12,422	17,222	103.5	114.2	146.3	147.0	147.0	147.0	203.8
WOU OG BL	3,127	0	R/D	3,127	1,574	1,857	1,857	1,888	1,888	1,888	2,216	50.3	59.4	59.4	60.4	60.4	60.4	70.8
WRE BL	31,596	46,812	p(C)	7,022	8,761	9,521	11,233	11,476	11,476	11,476	17,616	124.8	135.6	160.0	163.4	163.4	163.4	250.9
WRE OG BL	4,085	0	p(OG)	2,451	2,415	2,468	2,618	2,735	2,735	2,735	3,102	98.5	100.7	106.8	111.6	111.6	111.6	126.5
WSU BL	4	4	R	4	1	1	1	1	1	1	1	16.1	28.0	28.0	28.0	28.0	28.0	28.0
WSU OG BL	0	0	R/D	0	0	0	0	0	0	0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WVI BL	1,664	11,969	E	1,664	316	357	357	357	357	357	435	19.0	21.5	21.5	21.5	21.5	21.5	26.1
WVI OG BL	53	0	R/D	53	33	39	39	39	39	39	44	62.2	72.4	72.4	72.4	72.4	72.4	83.5

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Central Highlands bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAD CH	2,066	2,167	p(C)	1,000	477	477	477	477	477	477	477	47.7	47.7	47.7	47.7	47.7	47.7	47.7
DAD OG CH	168	0	R/D	168	94	94	94	94	94	94	94	55.9	55.9	55.9	55.9	55.9	55.9	55.9
DAS CH	1	1	R	1	1	1	1	1	1	1	1	100.0	99.9	99.9	99.9	99.9	99.9	99.9
DAS OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DCO CH	96,071	100,518	p(C)	15,078	84,147	84,147	85,115	85,115	85,172	85,181	85,377	558.1	558.1	564.5	564.5	564.9	564.9	566.2
DCO OG CH	24,786	0	p(OG)	14,872	21,882	21,882	22,241	22,241	22,262	22,264	22,312	147.1	147.1	149.6	149.6	149.7	149.7	150.0
DDE CH	120,368	129,407	p(C)	19,411	32,021	32,163	38,714	38,722	39,331	42,232	45,213	165.0	165.7	199.4	199.5	202.6	217.6	232.9
DDE OG CH	21,622	0	p(OG)	12,973	14,514	14,543	15,876	15,877	16,093	16,566	16,854	111.9	112.1	122.4	122.4	124.0	127.7	129.9
DNI CH	3,258	3,369	p(C)	1,000	2,707	2,707	2,860	2,879	2,887	2,887	2,887	270.7	270.7	286.0	287.9	288.7	288.7	288.7
DNI OG CH	957	0	R/D	957	826	826	850	850	852	852	852	86.3	86.3	88.8	88.8	89.1	89.1	89.1
DOV CH	5	5	E	5	5	5	5	5	5	5	5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DOV OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DPD CH	19,662	20,815	p(C)	3,122	5,805	5,805	6,313	6,313	6,315	6,351	6,383	185.9	185.9	202.2	202.2	202.3	203.4	204.4
DPD OG CH	3,159	0	p(OG)	1,895	2,668	2,668	2,759	2,759	2,759	2,766	2,779	140.8	140.8	145.6	145.6	145.6	145.9	146.6
DPO CH	1,503	1,534	p(C)	1,000	87	87	87	87	87	87	87	8.7	8.7	8.7	8.7	8.7	8.7	8.7
DPO OG CH	20	0	R/D	20	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DRO CH	5,463	5,507	p(C)	1,000	798	798	816	816	817	818	851	79.8	79.8	81.6	81.6	81.7	81.8	85.1
DRO OG CH	198	0	R/D	198	99	99	99	99	99	99	102	50.0	50.0	50.0	50.0	50.0	50.1	51.4
DAC CH	0	0	na	0	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DAC OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DVG CH	32	32	R	32	31	31	31	31	31	31	31	98.8	98.8	98.8	98.8	98.8	98.8	98.8
DVG OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAD CH	3,614	3,615	p(C)	1,000	2,114	2,128	2,429	2,429	2,461	2,461	2,477	211.4	212.8	242.9	242.9	246.1	246.1	247.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
NAD OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR CH	2,402	2,402	p(C)	1,000	1,813	1,813	1,816	1,926	1,926	1,926	1,926	181.3	181.3	181.6	192.6	192.6	192.6	192.6
NAR OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NLM CH	115	115	R	115	84	84	84	84	84	84	84	72.8	72.8	72.8	72.8	72.8	72.8	72.8
NLM OG CH	16	0	R/D	16	15	15	15	15	15	15	15	93.9	93.9	93.9	93.9	93.9	93.9	93.9
RHP CH	15	15	R	15	15	15	15	15	15	15	15	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RHP OG CH	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
RKF CH	3,115	3,115	R	3,115	2,944	2,944	2,944	2,970	2,970	2,970	2,970	94.5	94.5	94.5	95.3	95.3	95.3	95.3
RKF OG CH	343	0	R/D	343	331	331	331	331	331	331	331	96.4	96.4	96.4	96.4	96.4	96.4	96.4
RKP CH	10,497	10,497	V	6,298	9,316	13,674	13,674	14,243	14,244	14,246	14,246	147.9	217.1	217.1	226.1	226.2	226.2	226.2
RKP OG CH	5,850	0	p(OG)	3,510	5,653	5,936	5,936	5,937	5,937	5,938	5,938	161.1	169.1	169.1	169.2	169.2	169.2	169.2
RMS CH	16,059	19,076	p(C)	5,255	12,594	12,616	12,792	13,442	13,527	13,554	13,557	239.7	240.1	243.4	255.8	257.4	257.9	258.0
RMS OG CH	8,758	0	p(OG)	5,255	7,711	7,715	7,764	8,076	8,092	8,097	8,097	146.7	146.8	147.8	153.7	154.0	154.1	154.1
RMT CH	53,028	56,801	p(C)	22,645	46,444	46,481	46,709	48,307	48,403	48,540	48,545	205.1	205.3	206.3	213.3	213.7	214.4	214.4
RMT OG CH	37,741	0	p(OG)	22,645	34,896	34,896	35,008	35,917	35,943	35,950	35,950	154.1	154.1	154.6	158.6	158.7	158.8	158.8
RPF CH	4,403	4,403	R	4,403	4,403	4,403	4,403	4,403	4,403	4,403	4,403	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPF OG CH	354	0	R/D	354	354	354	354	354	354	354	354	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPP CH	3,458	3,458	R	3,458	3,456	19,217	19,217	19,217	19,217	19,217	19,217	99.9	555.6	555.6	555.6	555.6	555.6	555.6
RPP OG CH	322	0	R/D	322	321	1,035	1,035	1,035	1,035	1,035	1,035	99.7	321.3	321.3	321.3	321.3	321.3	321.3
WDU CH	82,693	92,712	p(C)	18,095	48,101	48,233	49,820	49,880	51,155	51,981	52,671	265.8	266.5	275.3	275.7	282.7	287.3	291.1
WDU OG CH	30,159	0	p(OG)	18,095	26,868	26,895	27,257	27,260	27,438	27,484	27,537	148.5	148.6	150.6	150.6	151.6	151.9	152.2
WNU CH	17,692	17,743	p(C)	3,838	15,895	15,900	16,642	16,762	16,787	16,830	16,831	414.1	414.3	433.6	436.7	437.4	438.5	438.5
WNU OG CH	6,397	0	p(OG)	3,838	6,108	6,108	6,150	6,176	6,176	6,206	6,206	159.2	159.2	160.2	160.9	160.9	161.7	161.7
WRE CH	1	1	R	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WRE OG CH	1	0	R/D	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSU CH	17,315	17,315	p(C)	4,410	17,143	17,144	17,164	17,164	17,164	17,168	17,168	388.7	388.7	389.2	389.2	389.2	389.3	389.3

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
WSU OG CH	7,350	0	p(OG)	4,410	7,309	7,309	7,311	7,311	7,311	7,312	7,312	165.7	165.8	165.8	165.8	165.8	165.8	165.8

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Flinders bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC FL	84,077	149,898	p(C)	22,485	33,943	34,046	36,352	36,352	36,352	36,352	37,110	151.0	151.4	161.7	161.7	161.7	161.7	165.0
DAC OG FL	13,319	0	p(OG)	7,992	8,480	8,513	8,837	8,837	8,837	8,837	8,844	106.1	106.5	110.6	110.6	110.6	110.6	110.7
DAD FL	5,008	7,622	p(C)	1,143	398	402	407	407	407	407	407	34.8	35.1	35.6	35.6	35.6	35.6	35.6
DAD OG FL	207	0	R/D	207	96	96	99	99	99	99	99	46.7	46.7	47.8	47.8	47.8	47.8	47.8
DAM FL	2,124	3,719	p(C)	1,000	925	947	1,196	1,196	1,196	1,196	1,238	92.5	94.7	119.6	119.6	119.6	119.6	123.8
DAM OG FL	56	0	R/D	56	18	39	39	39	39	39	39	32.0	70.2	70.2	70.2	70.2	70.2	70.2
DAS FL	80	84	R	80	5	61	61	61	61	61	61	6.2	76.3	76.3	76.3	76.3	76.3	76.3
DAS OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DGL FL	1,009	1,256	R	1,009	354	373	373	373	373	373	390	35.1	37.0	37.0	37.0	37.0	37.0	38.7
DGL OG FL	3	0	R/D	3	2	2	2	2	2	2	2	51.6	51.6	51.6	51.6	51.6	51.6	51.6
DNF FL	9,686	49,964	V	7,495	5,958	5,958	5,958	5,958	5,958	5,958	5,958	79.5	79.5	79.5	79.5	79.5	79.5	79.5
DNF OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DOB FL	6,002	7,889	p(C)	1,183	2,462	2,470	3,482	3,482	3,482	3,482	3,526	208.1	208.7	294.3	294.3	294.3	294.3	298.0
DOB OG FL	1,318	0	p(OG)	1,000	976	976	1,179	1,179	1,179	1,179	1,179	97.6	97.6	117.9	117.9	117.9	117.9	117.9
DOV FL	1,213	21,590	E	1,213	596	596	596	596	596	596	596	49.1	49.1	49.1	49.1	49.1	49.1	49.1
DOV OG FL	46	0	R/D	46	41	41	41	41	41	41	41	89.6	89.5	89.5	89.5	89.5	89.5	89.5
DPO FL	29	1,922	E	29	16	16	16	16	16	16	16	55.8	55.8	55.8	55.8	55.8	55.8	55.8
DPO OG FL	11	0	R/D	11	8	8	8	8	8	8	8	67.8	67.8	67.8	67.8	67.8	67.8	67.8

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)	
DSC FL	1,016	3,252	R	1,016	194	194	212	212	212	212	212	19.1	19.1	20.8	20.8	20.8	20.8	20.8	
DSC OG FL	13	0	R/D	13	12	12	12	12	12	12	12	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
DSG FL	8,093	8,610	p(C)	1,291	2,439	2,440	3,260	3,260	3,260	3,260	3,542	188.9	189.0	252.4	252.4	252.4	252.4	274.3	
DSG OG FL	191	0	R/D	191	150	150	152	152	152	152	157	78.2	78.3	79.6	79.6	79.6	79.6	82.0	
DSO FL	10,724	12,581	p(C)	1,887	1,518	1,521	3,625	3,625	3,625	3,625	4,208	80.5	80.6	192.1	192.1	192.1	192.1	223.0	
DSO OG FL	414	0	R/D	414	97	97	124	124	124	124	124	23.5	23.5	29.9	29.9	29.9	29.9	29.9	
DVC FL	1,448	2,819	R	1,448	501	500	500	500	500	500	500	34.6	34.5	34.5	34.5	34.5	34.5	34.5	
DVC OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
DVF FL	1,052	13,285	E	1,052	412	412	412	412	412	412	412	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
DVF OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
DVG FL	291	1,529	E	291	25	25	25	25	25	25	25	8.7	8.7	8.7	8.7	8.7	8.7	8.7	
DVG OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
NAD FL	188	1,887	p(C)	188	72	72	81	81	81	81	84	38.4	38.4	43.2	43.2	43.2	43.2	44.8	
NAD OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
NAF FL	370	790	R	370	103	323	323	323	323	323	323	27.9	87.3	87.3	87.3	87.3	87.3	87.3	
NAF OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
NAV FL	14,145	15,729	p(C)	2,359	4,198	3,353	3,392	3,392	3,392	3,392	3,392	177.9	142.1	143.8	143.8	143.8	143.8	143.8	
NAV OG FL	321	0	R/D	321	267	267	267	267	267	267	267	82.9	82.9	83.0	83.0	83.0	83.0	83.0	
NBS FL	10	10	E	10	10	10	10	10	10	10	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
NBS OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
NCR FL	164	1,000	R	164	128	119	119	119	119	119	119	78.1	72.4	72.4	72.4	72.4	72.4	72.4	
NCR OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	
NLM FL	33	1,171	E	33	26	26	26	26	26	26	26	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
NLM OG FL	12	0	R/D	12	12	12	12	12	12	12	12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
NME FL	3,272	8,322	E	3,272	1,178	1,196	1,196	1,196	1,196	1,196	1,197	36.0	36.6	36.6	36.6	36.6	36.6	36.6	
NME OG FL	188	0	R/D	188	114	114	114	114	114	114	114	60.5	60.5	60.5	60.5	60.5	60.5	60.8	

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
RMS FL	5	5	R	5	5	5	5	5	5	5	5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RMS OG FL	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WOU FL	2,365	2,608	p(C)	1,000	662	1,043	1,043	1,043	1,043	1,043	1,335	66.2	104.3	104.3	104.3	104.3	104.3	133.5
WOU OG FL	255	0	R/D	255	185	210	210	210	210	210	212	72.4	82.2	82.2	82.2	82.2	82.2	83.2

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, King bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC KI	87	87	R	87	16	16	16	16	16	16	16	18.0	18.0	18.0	18.0	18.0	18.0	18.0
DAC OG KI	52	0	R/D	52	6	6	6	6	6	6	6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
DNI KI	13,286	16,239	p(C)	2,939	5,854	5,816	6,077	6,082	6,101	6,188	6,208	199.1	197.9	206.7	206.9	207.6	210.5	211.2
DNI OG KI	4,899	0	p(OG)	2,939	2,152	2,152	2,284	2,287	2,287	2,323	2,330	73.2	73.2	77.7	77.8	77.8	79.0	79.3
DOB KI	9,213	22,436	p(C)	3,365	2,112	2,411	2,411	2,423	2,552	2,639	2,847	62.8	71.7	71.7	72.0	75.8	78.4	84.6
DOB OG KI	2,110	0	p(OG)	1,266	756	872	872	872	872	894	924	59.7	68.8	68.8	68.8	68.8	70.6	73.0
DOV KI	1,173	5,873	E	1,173	406	406	406	406	406	406	406	34.6	34.6	34.6	34.6	34.6	34.6	34.6
DOV OG KI	59	0	R/D	59	0	0	0	0	0	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
DVC KI	366	483	R	366	354	354	354	354	354	354	354	96.7	96.7	96.7	96.7	96.7	96.7	96.7
DVC OG KI	3	0	R/D	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DVG KI	441	461	R	441	440	440	440	440	440	440	440	99.8	99.8	99.8	99.8	99.8	99.8	99.8
DVG OG KI	1	0	R/D	1	1	1	1	1	1	1	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NAD KI	28	35	p(C)	28	5	5	5	5	5	5	5	16.9	16.9	16.9	16.9	16.9	16.9	16.9
NAD OG KI	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF KI	8,669	14,123	p(C)	2,119	2,706	2,708	2,708	2,714	2,714	2,717	2,857	127.7	127.8	127.8	128.1	128.1	128.2	134.8
NAF OG KI	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR KI	4,741	6,959	p(C)	1,044	753	861	861	875	875	875	1,074	72.1	82.5	82.5	83.8	83.8	83.9	102.8
NAR OG KI	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NBS KI	158	222	E	158	86	128	128	128	128	128	128	54.3	80.9	80.9	80.9	80.9	80.9	80.9
NBS OG KI	85	0	R/D	85	26	67	67	67	67	67	67	30.7	78.8	78.8	78.8	78.8	78.8	78.8
NLM KI	4,704	22,496	V	3,374	1,180	1,133	1,142	1,142	1,142	1,183	1,234	35.0	33.6	33.8	33.8	33.8	35.1	36.6
NLM OG KI	209	0	R/D	209	134	137	137	137	137	137	137	63.9	65.6	65.6	65.6	65.6	65.6	65.6
NME KI	3,942	19,096	E	3,942	1,144	1,144	1,144	1,144	1,144	1,144	1,264	29.0	29.0	29.0	29.0	29.0	29.0	32.1

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
NME OG KI	47	0	R/D	47	4	4	4	4	4	4	4	7.7	7.7	7.7	7.7	7.7	7.7	7.7
NNP KI	8	8	E	8	3	3	3	3	3	3	3	40.0	39.4	39.4	39.4	39.4	39.4	41.7
NNP OG KI	5	0	R/D	5	2	2	2	2	2	2	2	38.2	38.2	38.2	38.2	38.2	38.2	38.6
RMS KI	12,583	12,733	p(C)	3,609	3,446	3,844	3,876	4,039	4,257	4,390	4,687	95.5	106.5	107.4	111.9	117.9	121.6	129.9
RMS OG KI	6,015	0	p(OG)	3,609	2,422	2,633	2,633	2,665	2,812	2,887	2,890	67.1	73.0	73.0	73.8	77.9	80.0	80.1
RMT KI	8,856	8,925	p(C)	4,010	4,728	4,942	5,196	6,120	6,200	6,461	6,541	117.9	123.2	129.6	152.6	154.6	161.1	163.1
RMT OG KI	6,683	0	p(OG)	4,010	4,108	4,297	4,342	5,145	5,221	5,353	5,389	102.4	107.2	108.3	128.3	130.2	133.5	134.4
WBR KI	5,871	12,684	V	3,522	1,782	1,782	1,782	1,782	1,782	1,782	1,790	50.6	50.6	50.6	50.6	50.6	50.6	50.8
WBR OG KI	653	0	R/D	653	267	267	267	267	267	267	271	40.8	40.8	40.8	40.8	40.8	40.8	41.5
WGK KI	1,824	32,641	E	1,824	1,136	1,136	1,136	1,136	1,136	1,136	1,136	62.3	62.3	62.3	62.3	62.3	62.3	62.3
WGK OG KI	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WNU KI	4,510	4,673	p(C)	1,000	1,322	1,395	1,464	1,465	1,466	1,570	1,712	132.2	139.5	146.4	146.5	146.6	157.0	171.2
WNU OG KI	615	0	R/D	615	340	351	356	356	356	360	374	55.3	57.1	57.9	57.9	57.9	58.5	60.8
WOU KI	63,129	75,095	p(C)	11,264	10,496	11,401	11,771	12,437	13,265	15,136	18,117	93.2	101.2	104.5	110.4	117.8	134.4	160.8
WOU OG KI	6,933	0	R/D	6,933	3,077	3,209	3,209	3,520	3,542	3,690	3,782	44.4	46.3	46.3	50.8	51.1	53.2	54.5
WRE KI	23	23	R	23	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WRE OG KI	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WVI KI	55	385	E	55	10	10	10	10	10	10	10	18.2	18.2	18.2	18.2	18.2	18.2	18.2
WVI OG KI	0	0	R/D	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Northern Midlands bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAD NM	19,703	48,499	p(C)	7,275	3,140	3,169	3,169	3,169	3,169	3,587	3,626	43.2	43.6	43.6	43.6	43.6	49.3	49.8
DAD OG NM	626	0	R/D	626	435	436	436	436	436	439	440	69.5	69.5	69.5	69.5	69.5	70.2	70.2
DAM NM	4,336	11,229	p	1,000	1,309	1,321	1,360	1,360	1,360	1,521	1,521	130.9	132.1	136.0	136.0	136.0	152.1	152.1
DAM OG NM	215	0	R/D	215	33	33	33	33	33	38	38	15.2	15.2	15.2	15.2	15.2	17.8	17.8
DAS NM	2,269	6,288	V	1,361	433	446	446	446	446	471	471	31.8	32.7	32.7	32.7	32.7	34.6	34.6
DAS OG NM	90	0	R/D	90	19	19	19	19	19	21	21	20.7	21.0	21.0	21.0	21.0	23.1	23.3
DAZ NM	21,300	76,583	V	12,780	5,635	5,679	5,679	5,679	5,679	5,680	5,680	44.1	44.4	44.4	44.4	44.4	44.4	44.4
DAZ OG NM	2,645	0	R/D	2,645	926	927	927	927	927	927	927	35.0	35.1	35.1	35.1	35.1	35.1	35.1
DDE NM	69	1,198	E	69	66	66	66	66	66	66	66	96.2	96.2	96.2	96.2	96.2	96.2	96.2
DDE OG NM	0	0	R/D	0	0	0	0	0	0	0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DOB NM	84	1,828	E	84	3	3	3	3	3	3	3	3.8	3.8	3.8	3.8	3.8	3.8	3.8
DOB OG NM	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DOV NM	2,219	57,912	E	2,219	200	200	200	200	200	201	201	9.0	9.0	9.0	9.0	9.0	9.0	9.0
DOV OG NM	50	0	R/D	50	6	6	6	6	6	6	6	12.7	12.7	12.7	12.7	12.7	12.7	12.7
DPD NM	701	1,501	R	701	85	85	85	85	85	85	86	12.1	12.1	12.1	12.1	12.1	12.1	12.3
DPD OG NM	8	0	R/D	8	1	1	1	1	1	1	1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
DPO NM	370	5,043	E	370	47	47	47	47	47	47	47	12.6	12.6	12.6	12.6	12.6	12.6	12.6
DPO OG NM	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DRO NM	642	1,483	R	642	242	242	242	242	242	242	242	37.6	37.6	37.6	37.6	37.6	37.6	37.6
DRO OG NM	26	0	R/D	26	18	18	18	18	18	18	18	72.0	72.0	72.0	72.0	72.0	72.0	72.0
DSC NM	523	6,124	E	523	339	357	357	357	357	368	421	64.9	68.2	68.2	68.2	68.2	70.3	80.5
DSC OG NM	88	0	R/D	88	84	84	84	84	84	84	85	96.0	96.0	96.0	96.0	96.0	96.0	96.2
DVG NM	27,400	99,322	V	16,440	4,228	4,228	4,228	4,228	4,228	4,228	4,228	25.7	25.7	25.7	25.7	25.7	25.7	25.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DVG OG NM	2,446	0	R/D	2,446	676	676	676	676	676	676	676	27.6	27.6	27.6	27.6	27.6	27.6	27.6
NAD NM	164	243	p(C)	164	40	40	40	40	40	40	40	24.6	24.6	24.6	24.6	24.6	24.6	24.6
NAD OG NM	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF NM	22	22	R	22	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAF OG NM	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV NM	157	198	R	157	82	82	82	82	82	82	82	52.2	52.2	52.2	52.2	52.2	52.2	52.2
NAV OG NM	0	0	R/D	0	0	0	0	0	0	0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NME NM	96	1,233	E	96	14	14	14	14	14	14	14	14.7	14.7	14.7	14.7	14.7	14.7	14.7
NME OG NM	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
WVI NM	182	2,297	E	182	104	104	104	104	104	104	104	57.2	57.2	57.2	57.2	57.2	57.2	57.2
WVI OG NM	23	0	R/D	23	13	13	13	13	13	13	13	57.3	57.3	57.3	57.3	57.3	57.3	57.3

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Northern Slopes bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC NS	7,528	9,148	p(C)	1,372	3,000	3,034	3,749	3,749	3,749	3,749	4,090	218.6	221.1	273.2	273.2	273.2	273.2	298.0
DAC OG NS	801	0	R/D	801	617	617	651	651	651	651	651	77.0	77.0	81.2	81.2	81.2	81.2	81.2
DAD NS	10,804	15,028	p(C)	2,254	2,982	2,988	2,991	2,991	2,992	2,993	3,124	132.3	132.6	132.7	132.7	132.7	132.8	138.6
DAD OG NS	390	0	R/D	390	231	231	231	231	231	231	233	59.1	59.1	59.1	59.1	59.1	59.1	59.6
DAM NS	3,812	4,949	p(C)	1,000	446	629	629	629	629	630	665	44.6	62.9	62.9	62.9	62.9	63.0	66.5
DAM OG NS	119	0	R/D	119	60	84	84	84	84	84	84	50.9	70.8	70.8	70.8	70.8	70.8	70.8
DAS NS	9,208	11,511	V	5,525	4,517	4,740	4,740	4,740	4,740	4,740	4,813	81.8	85.8	85.8	85.8	85.8	85.8	87.1
DAS OG NS	757	0	R/D	757	652	664	664	664	664	664	664	86.1	87.8	87.8	87.8	87.8	87.8	87.8
DAZ NS	2,087	2,984	V	1,252	175	175	175	175	175	175	186	14.0	14.0	14.0	14.0	14.0	14.0	14.8
DAZ OG NS	12	0	R/D	12	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DDE NS	9,119	10,861	p(C)	1,629	3,778	3,780	4,117	4,117	4,417	4,529	4,722	231.9	232.0	252.7	252.7	271.1	278.0	289.8
DDE OG NS	1,861	0	p(OG)	1,117	1,556	1,557	1,576	1,576	1,592	1,600	1,600	139.4	139.4	141.1	141.1	142.6	143.2	143.3
DNI NS	3,143	3,488	p(C)	1,000	1,856	1,889	2,214	2,240	2,291	2,291	2,333	185.6	188.9	221.4	224.0	229.1	229.1	233.3
DNI OG NS	934	0	R/D	934	779	779	856	882	884	884	898	83.4	83.4	91.7	94.5	94.6	94.6	96.1
DOB NS	32,967	47,687	p(C)	7,153	12,260	12,276	15,088	15,102	15,251	15,358	16,065	171.4	171.6	210.9	211.1	213.2	214.7	224.6
DOB OG NS	4,211	0	p(OG)	2,527	2,870	2,875	3,317	3,319	3,336	3,336	3,352	113.6	113.8	131.3	131.4	132.0	132.0	132.7
DOV NS	3,948	28,746	E	3,948	735	786	786	786	786	786	877	18.6	19.9	19.9	19.9	19.9	19.9	22.2
DOV OG NS	140	0	R/D	140	29	31	31	31	31	31	48	20.9	21.8	21.8	21.8	21.8	21.8	34.0
DPD NS	20	20	R	20	20	20	20	20	20	20	20	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DPD OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DPO NS	8	331	E	8	4	4	4	4	4	4	4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
DPO OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DRO NS	163	1,174	E	163	75	75	85	85	85	85	85	46.3	46.3	52.5	52.5	52.5	52.5	52.5

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DRO OG NS	5	0	R/D	5	1	1	1	1	1	1	1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
DSC NS	37,119	65,630	p(C)	9,845	11,236	11,449	11,692	11,692	11,733	12,369	13,891	114.1	116.3	118.8	118.8	119.2	125.6	141.1
DSC OG NS	1,611	0	R/D	1,611	1,181	1,182	1,251	1,251	1,251	1,252	1,306	73.3	73.3	77.7	77.7	77.7	77.7	81.1
DVC NS	43	806	E	43	6	6	6	6	6	6	6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
DVC OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DVG NS	984	2,017	R	984	89	89	97	97	97	97	97	9.1	9.1	9.9	9.9	9.9	9.9	9.9
DVG OG NS	4	0	R/D	4	4	4	4	4	4	4	4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NAD NS	19,430	21,309	p(C)	3,196	5,649	5,666	6,132	6,132	6,316	6,358	6,925	176.7	177.3	191.8	191.8	197.6	198.9	216.7
NAD OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF NS	79	2,364	E	79	13	13	13	13	13	13	13	16.1	16.1	16.7	16.7	16.7	16.7	16.7
NAF OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR NS	5,062	7,422	p(C)	1,113	1,310	1,327	1,428	1,456	1,456	1,456	1,603	117.6	119.2	128.2	130.8	130.8	130.8	144.0
NAR OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV NS	2	3	R	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAV OG NS	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NLM NS	967	4,632	R	967	302	302	307	307	317	325	332	31.2	31.2	31.8	31.8	32.7	33.6	34.3
NLM OG NS	140	0	R/D	140	78	79	79	79	79	79	79	56.1	56.1	56.1	56.1	56.1	56.7	56.7
NME NS	138	1,129	E	138	23	23	23	23	23	23	27	17.0	17.0	17.0	17.0	17.0	17.0	19.9
NME OG NS	0	0	R/D	0	0	0	0	0	0	0	0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
NNP NS	105	352	E	105	58	60	60	60	60	60	67	55.1	57.2	57.2	57.2	57.2	57.2	63.6
NNP OG NS	19	0	R/D	19	5	5	5	5	5	5	5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
RKP NS	228	279	R	228	228	228	228	228	228	228	228	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RKP OG NS	199	0	R/D	199	199	199	199	199	199	199	199	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RMS NS	20,360	26,336	p(C)	7,570	12,385	12,445	13,415	14,426	14,525	14,565	14,770	163.6	164.4	177.2	190.6	191.9	192.4	195.1
RMS OG NS	12,616	0	p(OG)	7,570	9,057	9,110	9,505	10,253	10,303	10,338	10,401	119.7	120.4	125.6	135.5	136.1	136.6	137.4
RMT NS	32,229	49,304	p(C)	10,963	22,107	22,119	22,653	23,153	23,332	23,350	23,661	201.7	201.8	206.6	211.2	212.8	213.0	215.8

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
RMT OG NS	18,272	0	p(OG)	10,963	16,305	16,314	16,383	16,689	16,703	16,704	16,818	148.7	148.8	149.4	152.2	152.4	152.4	153.4
WBR NS	36	37	R	36	6	19	19	19	19	19	30	16.6	52.5	52.5	52.5	52.5	52.5	82.1
WBR OG NS	0	0	R/D	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	100.4
WDU NS	21,103	30,885	p(C)	4,633	7,400	7,495	8,884	8,896	10,190	10,539	11,165	159.7	161.8	191.8	192.0	220.0	227.5	241.0
WDU OG NS	2,211	0	p(OG)	1,327	1,695	1,696	1,744	1,744	1,772	1,791	1,805	127.7	127.8	131.5	131.5	133.6	135.0	136.1
WNU NS	2,780	2,934	p(C)	1,000	1,813	1,928	2,251	2,315	2,317	2,317	2,385	181.3	192.8	225.1	231.5	231.7	231.7	238.5
WNU OG NS	760	0	R/D	760	603	697	697	720	721	721	747	79.3	91.7	91.7	94.8	94.8	94.8	98.3
WOU NS	113,200	178,638	p(C)	26,796	25,312	25,757	28,638	29,482	30,298	30,708	34,611	94.5	96.1	106.9	110.0	113.1	114.6	129.2
WOU OG NS	7,885	0	R/D	7,885	5,592	5,874	5,874	6,352	6,377	6,381	6,554	70.9	74.5	74.5	80.6	80.9	80.9	83.1
WRE NS	2,449	9,167	V	1,469	872	1,037	1,037	1,037	1,037	1,037	1,140	59.3	70.6	70.6	70.6	70.6	70.6	77.6
WRE OG NS	99	0	R/D	99	54	73	73	73	73	73	73	54.8	74.0	74.0	74.0	74.0	74.0	74.0
WVI NS	5,380	55,527	E	5,380	1,639	1,671	1,671	1,671	1,671	1,671	1,675	30.5	31.1	31.1	31.1	31.1	31.1	31.1
WVI OG NS	135	0	R/D	135	71	71	71	71	71	71	71	52.8	52.8	52.8	52.8	52.8	52.8	52.8

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, South East bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC SE	14,026	27,151	p(C)	4,315	8,343	8,343	8,343	8,343	8,343	8,343	8,343	193.3	193.3	193.3	193.3	193.3	193.3	193.3
DAC OG SE	7,192	0	p(OG)	4,315	5,070	5,070	5,070	5,070	5,070	5,070	5,070	117.5	117.5	117.5	117.5	117.5	117.5	117.5
DAD SE	83,217	100,498	p(C)	17,490	30,240	30,243	31,878	31,878	31,878	31,878	32,865	172.9	172.9	182.3	182.3	182.3	182.3	187.9
DAD OG SE	29,151	0	p(OG)	17,490	20,260	20,260	21,155	21,155	21,155	21,155	21,345	115.8	115.8	121.0	121.0	121.0	121.0	122.0
DAM SE	6,020	12,037	p(C)	1,806	1,647	1,644	1,644	1,644	1,644	1,644	1,644	91.2	91.1	91.1	91.1	91.1	91.1	91.1
DAM OG SE	1,780	0	p(OG)	1,068	776	776	776	776	776	776	776	72.7	72.7	72.7	72.7	72.7	72.7	72.7
DAS SE	28,462	95,351	V	17,077	7,725	7,755	7,755	7,755	7,755	7,755	7,757	45.2	45.4	45.4	45.4	45.4	45.4	45.4
DAS OG SE	7,556	0	p(OG)	4,534	4,465	4,471	4,471	4,471	4,471	4,471	4,471	98.5	98.6	98.6	98.6	98.6	98.6	98.6
DAZ SE	1,195	1,714	V	1,000	462	462	462	462	462	462	462	46.2	46.2	46.2	46.2	46.2	46.2	46.2
DAZ OG SE	162	0	R/D	162	50	50	50	50	50	50	50	30.9	30.9	30.9	30.9	30.9	30.9	30.9
DCO SE	384	536	R	384	270	281	281	281	281	281	336	70.4	73.1	73.1	73.1	73.1	73.1	87.6
DCO OG SE	73	0	R/D	73	22	22	22	22	22	22	64	29.5	29.5	29.5	29.5	29.5	29.5	87.3
DDE SE	57,329	67,749	p(C)	10,782	11,908	12,976	13,752	13,752	13,752	13,752	17,514	110.4	120.4	127.5	127.5	127.5	127.5	162.4
DDE OG SE	17,970	0	p(OG)	10,782	8,174	9,239	9,239	9,239	9,239	9,239	10,131	75.8	85.7	85.7	85.7	85.7	85.7	94.0
DGL SE	24,571	44,231	V	14,743	6,007	6,113	6,113	6,113	6,113	6,113	6,137	40.7	41.5	41.5	41.5	41.5	41.5	41.6
DGL OG SE	5,832	0	p(OG)	3,499	2,149	2,225	2,225	2,225	2,225	2,225	2,232	61.4	63.6	63.6	63.6	63.6	63.6	63.8
DMO SE	6	227	E	6	4	4	4	4	4	4	4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
DMO OG SE	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DNI SE	5	8	R	5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DNI OG SE	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DOB SE	52,684	62,133	p(C)	9,320	17,178	17,194	19,347	19,347	19,347	19,347	20,111	184.3	184.5	207.6	207.6	207.6	207.6	215.8
DOB OG SE	14,615	0	p(OG)	8,769	8,406	8,422	9,424	9,424	9,424	9,424	9,507	95.9	96.0	107.5	107.5	107.5	107.5	108.4
DOV SE	4,285	47,375	E	4,285	957	961	961	961	961	961	962	22.3	22.4	22.4	22.4	22.4	22.4	22.4

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DOV OG SE	400	0	R/D	400	299	299	299	299	299	299	299	74.7	74.7	74.7	74.7	74.7	74.7	74.8
DPD SE	5,320	7,028	p(C)	1,054	1,157	1,157	1,184	1,184	1,184	1,184	1,222	109.7	109.7	112.3	112.3	112.3	112.3	115.9
DPD OG SE	861	0	R/D	861	726	726	753	753	753	753	757	84.3	84.3	87.5	87.5	87.5	87.5	87.9
DPO SE	5,374	11,871	V	3,225	478	478	500	500	500	500	516	14.8	14.8	15.5	15.5	15.5	15.5	16.0
DPO OG SE	518	0	R/D	518	55	55	59	59	59	59	63	10.6	10.6	11.3	11.3	11.3	11.3	12.2
DPU SE	131,170	173,694	p(C)	31,650	46,336	46,389	47,091	47,091	47,091	47,091	48,279	146.4	146.6	148.8	148.8	148.8	148.8	152.5
DPU OG SE	52,749	0	p(OG)	31,650	31,196	31,199	31,641	31,641	31,641	31,641	31,835	98.6	98.6	100.0	100.0	100.0	100.0	100.6
DRI SE	780	862	R	780	356	356	356	356	356	356	356	45.7	45.7	45.7	45.7	45.7	45.7	45.7
DRI OG SE	24	0	R/D	24	18	18	18	18	18	18	18	72.9	72.9	72.9	72.9	72.9	72.9	72.9
DRO SE	3,291	3,802	p(C)	1,000	397	397	397	397	397	397	397	39.7	39.7	39.7	39.7	39.7	39.7	39.7
DRO OG SE	871	0	R/D	871	251	251	251	251	251	251	251	28.8	28.8	28.8	28.8	28.8	28.8	28.8
DSC SE	137	189	R	137	37	37	37	37	37	37	37	26.6	26.6	26.6	26.6	26.6	26.6	26.6
DSC OG SE	17	0	R/D	17	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
DSG SE	416	520	R	416	329	329	329	329	329	329	329	79.2	79.2	79.2	79.2	79.2	79.2	79.2
DSG OG SE	329	0	R/D	329	321	321	321	321	321	321	321	97.5	97.5	97.5	97.5	97.5	97.5	97.5
DSO SE	1,329	1,979	p(C)	1,000	992	992	992	992	992	992	992	99.2	99.2	99.2	99.2	99.2	99.2	99.2
DSO OG SE	935	0	R/D	935	854	854	854	854	854	854	854	91.4	91.4	91.4	91.4	91.4	91.4	91.4
DTD SE	10,230	10,425	p(C)	3,018	5,901	5,901	5,987	5,987	5,987	5,987	6,458	195.5	195.5	198.4	198.4	198.4	198.4	214.0
DTD OG SE	5,030	0	p(OG)	3,018	4,146	4,146	4,170	4,170	4,170	4,170	4,297	137.4	137.4	138.2	138.2	138.2	138.2	142.4
DTG SE	3,572	3,698	p(C)	1,778	3,401	3,401	3,401	3,401	3,401	3,401	3,401	191.3	191.3	191.3	191.3	191.3	191.3	191.3
DTG OG SE	2,963	0	p(OG)	1,778	2,848	2,848	2,848	2,848	2,848	2,848	2,848	160.2	160.2	160.2	160.2	160.2	160.2	160.2
DTO SE	47,401	104,769	V	28,440	10,958	10,968	10,968	10,968	10,968	10,968	10,969	38.5	38.6	38.6	38.6	38.6	38.6	38.6
DTO OG SE	7,498	0	p(OG)	4,499	3,289	3,295	3,295	3,295	3,295	3,295	3,295	73.1	73.2	73.2	73.2	73.2	73.2	73.2
DVC SE	1,025	3,995	R	1,025	724	724	724	724	724	724	724	70.7	70.7	70.7	70.7	70.7	70.7	70.7
DVC OG SE	378	0	R/D	378	237	237	237	237	237	237	237	62.6	62.6	62.6	62.6	62.6	62.6	62.6
DVG SE	68,057	127,281	p(C)	19,092	8,287	8,287	8,312	8,312	8,312	8,312	8,324	43.4	43.4	43.5	43.5	43.5	43.5	43.6

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DVG OG SE	6,518	0	R/D	6,518	2,040	2,040	2,040	2,040	2,040	2,040	2,041	31.3	31.3	31.3	31.3	31.3	31.3	31.3
NAD SE	1,923	2,039	p(C)	1,000	649	728	728	728	728	728	759	64.9	72.8	72.8	72.8	72.8	72.8	75.9
NAD OG SE	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF SE	15	24	R	15	5	5	5	5	5	5	5	33.3	33.2	33.2	33.2	33.2	33.2	33.2
NAF OG SE	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR SE	2	2	R	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAR OG SE	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV SE	2,031	3,598	p(C)	1,000	1,207	1,207	1,207	1,207	1,207	1,207	1,207	120.7	120.7	120.7	120.7	120.7	120.7	120.7
NAV OG SE	514	0	R/D	514	361	361	361	361	361	361	361	70.3	70.3	70.3	70.3	70.3	70.3	70.3
NCR SE	651	1,214	R	651	410	418	418	418	418	418	418	63.0	64.1	64.1	64.1	64.1	64.1	64.1
NCR OG SE	511	0	R/D	511	316	319	319	319	319	319	319	61.9	62.5	62.5	62.5	62.5	62.5	62.5
NLM SE	88	437	R	88	43	55	55	55	55	55	56	49.0	62.6	62.6	62.6	62.6	62.6	63.5
NLM OG SE	20	0	R/D	20	19	19	19	19	19	19	19	93.3	93.3	93.3	93.3	93.3	93.3	93.3
NME SE	30	81	E	30	19	19	19	19	19	19	19	63.1	63.1	63.1	63.1	63.1	63.1	63.1
NME OG SE	4	0	R/D	4	4	4	4	4	4	4	4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NNP SE	12	47	E	12	9	9	9	9	9	9	9	78.7	79.0	79.0	79.0	79.0	79.0	79.0
NNP OG SE	2	0	R/D	2	2	2	2	2	2	2	2	99.5	99.9	99.9	99.9	99.9	99.9	99.9
RMS SE	3	3	R	3	1	1	1	1	1	1	1	26.6	26.6	26.6	26.6	26.6	26.6	26.6
RMS OG SE	3	0	R/D	3	1	1	1	1	1	1	1	26.6	26.6	26.6	26.6	26.6	26.6	26.6
RMT SE	618	693	R	618	543	544	570	570	570	570	575	87.9	87.9	92.3	92.3	92.3	92.3	93.0
RMT OG SE	366	0	R/D	366	333	333	336	336	336	336	340	90.8	90.8	91.6	91.6	91.6	91.6	92.8
WBR SE	102	160	R	102	40	40	40	40	40	40	40	39.1	39.1	39.1	39.1	39.1	39.1	39.1
WBR OG SE	44	0	R/D	44	33	33	33	33	33	33	33	73.1	73.2	73.2	73.2	73.2	73.2	73.2
WDU SE	19,909	21,345	p(C)	5,218	8,486	8,497	9,172	9,172	9,172	9,172	11,977	162.6	162.8	175.8	175.8	175.8	175.8	229.5
WDU OG SE	8,697	0	p(OG)	5,218	5,618	5,627	6,012	6,012	6,012	6,012	6,874	107.7	107.8	115.2	115.2	115.2	115.2	131.7
WOU SE	30,606	35,137	p(C)	5,271	12,583	12,648	14,554	14,554	14,554	14,554	16,321	238.7	240.0	276.1	276.1	276.1	276.1	309.7

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
WOU OG SE	8,130	0	p(OG)	4,878	6,175	6,189	6,957	6,957	6,957	6,957	7,014	126.6	126.9	142.6	142.6	142.6	142.6	143.8
WRE SE	5,479	6,018	p(C)	1,000	1,287	1,399	1,590	1,590	1,590	1,590	1,944	128.7	139.9	159.0	159.0	159.0	159.0	194.4
WRE OG SE	691	0	R/D	691	457	543	543	543	543	543	577	66.1	78.5	78.5	78.5	78.5	78.5	83.5
WVI SE	190	714	E	190	127	127	127	127	127	127	127	66.7	66.7	66.7	66.7	66.7	66.7	66.7
WVI OG SE	89	0	R/D	89	69	69	69	69	69	69	69	77.0	77.0	77.0	77.0	77.0	77.0	77.0

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, Southern Ranges bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DAC SR	130	238	R	130	79	79	79	79	79	79	79	60.8	60.8	60.8	60.8	60.8	60.8	60.8
DAC OG SR	6	0	R/D	6	3	3	3	3	3	3	3	47.7	47.7	47.7	47.7	47.7	47.7	47.7
DAD SR	2,764	4,750	p(C)	1,000	1,188	1,188	1,247	1,247	1,254	1,254	1,254	118.8	118.8	124.7	124.7	125.4	125.4	125.4
DAD OG SR	612	0	R/D	612	525	525	573	573	573	573	573	85.8	85.8	93.6	93.6	93.6	93.6	93.6
DAM SR	321	430	R	321	79	87	96	96	96	96	96	24.5	27.0	29.8	29.8	29.8	29.8	29.8
DAM OG SR	72	0	R/D	72	47	55	55	55	55	55	55	65.1	76.1	76.1	76.1	76.1	76.1	76.1
DAS SR	792	1,128	R	792	91	91	91	91	91	91	91	11.5	11.5	11.5	11.5	11.5	11.5	11.5
DAS OG SR	63	0	R/D	63	47	47	47	47	47	47	47	75.7	75.7	75.7	75.7	75.7	75.7	75.7
DCO SR	21,765	21,960	p(C)	3,776	21,039	21,039	21,458	21,496	21,633	21,666	21,667	557.2	557.2	568.3	569.3	572.9	573.8	573.8
DCO OG SR	6,293	0	p(OG)	3,776	6,143	6,143	6,245	6,249	6,292	6,293	6,293	162.7	162.7	165.4	165.5	166.6	166.7	166.7
DDE SR	42,460	47,362	p(C)	7,104	15,831	15,904	17,490	17,514	19,973	23,083	23,313	222.8	223.9	246.2	246.5	281.1	324.9	328.1
DDE OG SR	10,448	0	p(OG)	6,269	5,695	5,746	6,305	6,322	7,265	8,450	8,480	90.8	91.7	100.6	100.8	115.9	134.8	135.3
DGL SR	721	1,106	R	721	90	90	90	90	90	90	119	12.5	12.5	12.5	12.5	12.5	12.5	16.5
DGL OG SR	21	0	R/D	21	9	9	9	9	9	9	9	42.5	42.5	42.5	42.5	42.5	42.5	42.5
DNI SR	9,398	9,486	p(C)	1,724	8,334	8,335	8,826	8,919	9,218	9,219	9,219	483.5	483.5	512.0	517.4	534.7	534.8	534.8
DNI OG SR	2,873	0	p(OG)	1,724	2,719	2,719	2,834	2,853	2,860	2,860	2,860	157.7	157.7	164.4	165.5	165.9	165.9	165.9
DOB SR	37,898	66,641	p(C)	9,996	11,496	11,496	12,367	12,642	13,468	13,531	13,827	115.0	115.0	123.7	126.5	134.7	135.4	138.3
DOB OG SR	6,085	0	p(OG)	3,651	3,699	3,699	3,754	3,910	3,971	3,983	4,037	101.3	101.3	102.8	107.1	108.7	109.1	110.6
DOV SR	1,699	6,482	E	1,699	388	388	388	388	388	388	388	22.9	22.9	22.9	22.9	22.9	22.9	22.9
DOV OG SR	73	0	R/D	73	53	53	53	53	53	53	53	73.0	73.0	73.0	73.0	73.0	73.0	73.0
DPD SR	15,085	15,112	p(C)	2,267	6,437	6,543	6,792	6,792	6,941	7,669	7,669	284.0	288.7	299.6	299.6	306.2	338.3	338.3
DPD OG SR	3,112	0	p(OG)	1,867	2,355	2,414	2,585	2,585	2,656	2,873	2,873	126.1	129.2	138.4	138.4	142.2	153.9	153.9
DPO SR	612	1,720	R	612	33	33	33	33	33	33	33	5.5	5.5	5.5	5.5	5.5	5.5	5.5

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DPO OG SR	0	0	R/D	0	0	0	0	0	0	0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DPU SR	8,257	12,063	p(C)	1,809	1,526	1,526	1,659	1,659	1,659	1,659	1,683	84.3	84.3	91.7	91.7	91.7	91.7	93.0
DPU OG SR	284	0	R/D	284	102	102	102	102	102	102	102	35.8	35.8	35.8	35.8	35.8	35.8	35.8
DRO SR	2,004	2,067	p(C)	1,000	760	763	763	763	769	809	809	76.0	76.3	76.3	76.3	76.9	80.9	80.9
DRO OG SR	122	0	R/D	122	85	85	85	85	86	96	96	69.6	69.6	69.6	69.6	70.6	78.7	78.7
DTD SR	389	709	R	389	129	129	129	129	129	129	129	33.0	33.0	33.0	33.0	33.0	33.0	33.0
DTD OG SR	8	0	R/D	8	8	8	8	8	8	8	8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
DTO SR	312	312	R	312	46	46	46	46	46	46	46	14.7	14.7	14.7	14.7	14.7	14.7	14.7
DTO OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DVC SR	3	37	E	3	3	3	3	3	3	3	3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
DVC OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
DVG SR	170	2,233	E	170	58	58	58	58	58	58	58	34.0	34.0	34.0	34.0	34.0	34.0	34.0
DVG OG SR	27	0	R/D	27	10	10	10	10	10	10	10	37.8	37.8	37.8	37.8	37.8	37.8	37.8
NAD SR	4,671	5,060	p(C)	1,000	1,007	1,007	1,047	1,063	1,100	1,169	1,274	100.7	100.7	104.7	106.3	110.0	116.9	127.4
NAD OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF SR	4	4	R	4	0	1	1	1	1	1	1	0.0	29.0	29.0	29.0	29.0	29.0	29.0
NAF OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR SR	47	47	R	47	43	43	44	44	44	44	44	91.5	91.4	93.0	93.0	93.0	93.0	93.2
NAR OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAV SR	91	123	R	91	26	26	26	26	32	32	32	28.9	28.9	28.9	28.9	35.7	35.7	35.7
NAV OG SR	16	0	R/D	16	1	1	1	1	1	1	1	4.3	4.3	4.3	4.3	5.8	5.8	5.8
NLM SR	766	766	R	766	442	450	450	507	572	599	647	57.7	58.7	58.7	66.2	74.7	78.2	84.5
NLM OG SR	101	0	R/D	101	79	79	79	96	97	97	97	78.0	78.0	78.0	94.4	95.1	95.2	95.2
NNP SR	2	2	E	2	1	1	1	1	1	1	1	42.4	42.4	42.4	42.4	42.4	42.4	42.4
NNP OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
RHP SR	119	119	R	119	116	116	116	117	117	117	117	98.0	98.0	98.0	98.3	98.3	98.3	98.3

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)	
RHP OG SR	29	0	R/D	29	28	28	28	29	29	29	29	98.2	98.2	98.2	99.2	99.4	99.4	99.4	
RKF SR	100	100	R	100	100	100	100	100	100	100	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RKF OG SR	7	0	R/D	7	7	7	7	7	7	7	7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RKP SR	3,182	3,182	V	1,909	3,182	9,743	9,743	9,743	9,743	9,743	9,743	166.7	510.3	510.3	510.3	510.3	510.3	510.3	510.3
RKP OG SR	1,525	0	p(OG)	1,000	1,525	2,466	2,466	2,466	2,466	2,466	2,466	152.5	246.6	246.6	246.6	246.6	246.6	246.6	246.6
RMS SR	19,981	20,354	p(C)	7,952	15,403	15,406	16,141	17,307	18,272	18,584	18,674	193.7	193.7	203.0	217.7	229.8	233.7	234.9	234.9
RMS OG SR	13,253	0	p(OG)	7,952	10,419	10,420	10,954	11,963	12,510	12,705	12,750	131.0	131.0	137.8	150.5	157.3	159.8	160.3	160.3
RMT SR	45,891	46,129	p(C)	22,107	42,644	42,646	43,878	44,666	44,948	45,155	45,237	192.9	192.9	198.5	202.0	203.3	204.3	204.6	204.6
RMT OG SR	36,844	0	p(OG)	22,107	34,459	34,461	35,452	36,140	36,353	36,480	36,523	155.9	155.9	160.4	163.5	164.4	165.0	165.2	165.2
RPF SR	34	34	R	34	34	34	34	34	34	34	34	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPF OG SR	2	0	R/D	2	2	2	2	2	2	2	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RPP SR	104	104	R	104	104	619	619	619	619	619	619	100.0	596.4	596.4	596.4	596.4	596.4	596.4	596.4
RPP OG SR	19	0	R/D	19	19	99	99	99	99	99	99	100.0	514.3	514.3	514.3	514.3	514.3	514.3	514.3
WDU SR	94,639	102,732	p(C)	24,707	44,178	44,471	49,417	51,873	56,136	60,783	67,298	178.8	180.0	200.0	209.9	227.2	246.0	272.4	272.4
WDU OG SR	41,179	0	p(OG)	24,707	28,113	28,135	30,637	32,639	35,506	37,401	38,065	113.8	113.9	124.0	132.1	143.7	151.4	154.1	154.1
WNU SR	25,807	25,817	p(C)	6,758	24,167	24,172	24,338	24,648	25,148	25,158	25,188	357.6	357.7	360.1	364.7	372.1	372.2	372.7	372.7
WNU OG SR	11,264	0	p(OG)	6,758	10,905	10,907	11,005	11,135	11,259	11,259	11,259	161.4	161.4	162.8	164.8	166.6	166.6	166.6	166.6
WOU SR	142,032	174,009	p(C)	26,101	49,695	49,716	54,141	58,504	68,039	70,218	75,775	190.4	190.5	207.4	224.1	260.7	269.0	290.3	290.3
WOU OG SR	30,681	0	p(OG)	18,409	21,819	21,820	23,012	25,909	27,059	27,290	27,589	118.5	118.5	125.0	140.7	147.0	148.2	149.9	149.9
WRE SR	42,891	47,962	p(C)	7,194	10,997	10,998	11,837	12,549	14,389	16,071	18,094	152.9	152.9	164.5	174.4	200.0	223.4	251.5	251.5
WRE OG SR	7,367	0	p(OG)	4,420	4,900	4,900	5,138	5,631	5,923	6,089	6,189	110.9	110.9	116.2	127.4	134.0	137.7	140.0	140.0
WSU SR	9,854	10,178	p(C)	2,888	8,147	8,150	8,662	9,286	9,671	9,726	9,783	282.1	282.2	299.9	321.5	334.9	336.8	338.8	338.8
WSU OG SR	4,813	0	p(OG)	2,888	3,967	3,967	4,093	4,646	4,768	4,785	4,787	137.3	137.3	141.7	160.9	165.1	165.7	165.8	165.8
WVI SR	109	314	E	109	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WVI OG SR	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na	na

Cumulative change in reservation of forest ecosystems and old growth of revised IGA scenarios, West bioregion

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
DCO WSW	1,184	1,184	p	1,000	1,184	1,184	1,184	1,184	1,184	1,184	1,184	118.4	118.4	118.4	118.4	118.4	118.4	118.4
DCO OG WSW	195	0	R/D	195	195	195	195	195	195	195	195	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DDE WSW	1,508	1,891	p(C)	1,000	1,256	1,256	1,343	1,374	1,380	1,409	1,409	125.6	125.6	134.3	137.4	138.0	140.9	140.9
DDE OG WSW	820	0	R/D	820	699	699	706	735	737	760	760	85.2	85.2	86.1	89.6	89.9	92.7	92.7
DNI WSW	23,130	30,146	p(C)	6,459	18,381	18,406	19,913	21,099	21,449	21,565	21,565	284.6	285.0	308.3	326.7	332.1	333.9	333.9
DNI OG WSW	10,764	0	p(OG)	6,459	9,298	9,303	9,953	10,392	10,469	10,489	10,489	144.0	144.0	154.1	160.9	162.1	162.4	162.4
DOB WSW	10,763	11,658	p(C)	4,174	7,410	7,415	8,718	8,987	9,589	9,812	9,812	177.5	177.6	208.9	215.3	229.7	235.1	235.1
DOB OG WSW	6,957	0	p(OG)	4,174	5,616	5,618	6,146	6,290	6,393	6,483	6,484	134.5	134.6	147.2	150.7	153.2	155.3	155.3
DOV WSW	539	539	E	539	508	508	508	508	508	508	508	94.3	94.3	94.3	94.3	94.3	94.3	94.3
DOV OG WSW	217	0	R/D	217	217	217	217	217	217	217	217	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DTO WSW	293	293	R	293	293	293	293	293	293	293	293	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DTO OG WSW	152	0	R/D	152	152	152	152	152	152	152	152	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DVC WSW	52	52	R	52	37	37	37	37	37	37	37	72.6	72.6	72.6	72.6	72.6	72.6	72.6
DVC OG WSW	13	0	R/D	13	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NAD WSW	883	898	p(C)	883	537	614	614	630	632	632	632	60.8	69.5	69.5	71.4	71.6	71.6	71.6
NAD OG WSW	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAF WSW	1,058	1,367	p(C)	1,000	541	558	558	660	660	660	660	54.1	55.8	55.8	66.0	66.0	66.0	66.0
NAF OG WSW	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NAR WSW	6,512	6,613	p(C)	1,000	4,481	4,481	4,492	4,924	4,924	4,949	4,949	448.1	448.1	449.2	492.4	492.4	494.9	494.9
NAR OG WSW	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
NLM WSW	6,879	7,886	p(C)	1,212	6,084	6,086	6,129	6,685	6,685	6,840	6,840	501.9	502.1	505.6	551.5	551.5	564.3	564.3
NLM OG WSW	2,020	0	p(OG)	1,212	1,912	1,912	1,912	1,981	1,981	2,000	2,000	157.7	157.7	157.8	163.5	163.5	165.0	165.0
NME WSW	193	193	E	193	136	146	146	152	152	152	152	70.7	75.5	75.5	78.8	78.8	78.8	78.8

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
NME OG WSW	48	0	R/D	48	38	38	38	38	38	38	38	79.9	79.9	79.9	79.9	79.9	79.9	79.9
NNP WSW	21	21	E	21	17	17	17	17	17	17	17	82.5	82.5	82.5	82.5	82.5	82.5	82.5
NNP OG WSW	17	0	R/D	17	16	16	16	16	16	16	16	97.6	97.6	97.6	97.6	97.6	97.6	97.6
RHP WSW	13,607	13,607	p(C)	4,562	11,863	11,862	11,884	12,570	12,573	12,579	12,579	260.1	260.0	260.5	275.5	275.6	275.8	275.8
RHP OG WSW	7,603	0	p(OG)	4,562	7,311	7,311	7,313	7,572	7,572	7,577	7,577	160.3	160.3	160.3	166.0	166.0	166.1	166.1
RKF WSW	21	21	R	21	21	21	21	21	21	21	21	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RKF OG WSW	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na
RKP WSW	5,224	5,224	V	3,134	4,222	9,480	9,480	9,907	9,907	9,907	9,907	134.7	302.5	302.5	316.1	316.1	316.1	316.1
RKP OG WSW	1,752	0	p(OG)	1,051	1,705	2,002	2,002	2,025	2,025	2,025	2,025	162.2	190.4	190.4	192.6	192.6	192.6	192.6
RMS WSW	130,605	142,042	p(C)	56,418	109,532	109,542	112,209	121,622	122,661	123,230	123,244	194.1	194.2	198.9	215.6	217.4	218.4	218.4
RMS OG WSW	94,030	0	p(OG)	56,418	85,101	85,106	86,141	90,648	91,201	91,632	91,637	150.8	150.8	152.7	160.7	161.7	162.4	162.4
RMT WSW	266,786	267,418	p(C)	122,083	248,394	248,513	249,804	261,555	262,283	262,627	262,627	203.5	203.6	204.6	214.2	214.8	215.1	215.1
RMT OG WSW	203,472	0	p(OG)	122,083	189,931	190,046	190,775	200,125	200,656	200,943	200,943	155.6	155.7	156.3	163.9	164.4	164.6	164.6
WBR WSW	296	296	R	296	259	259	259	259	259	259	259	87.7	87.7	87.7	87.7	87.7	87.7	87.7
WBR OG WSW	178	0	R/D	178	176	176	176	176	176	176	176	99.1	99.1	99.1	99.1	99.1	99.1	99.1
WDU WSW	17,847	19,419	p(C)	7,591	15,510	15,512	16,198	16,800	16,872	16,998	16,998	204.3	204.4	213.4	221.3	222.3	223.9	223.9
WDU OG	12,651	0	p(OG)	7,591	11,846	11,847	12,042	12,335	12,373	12,381	12,381	156.1	156.1	158.6	162.5	163.0	163.1	163.1
WNU WSW	189,956	199,491	p(C)	45,410	177,195	177,255	182,062	183,831	184,086	184,415	184,418	390.2	390.3	400.9	404.8	405.4	406.1	406.1
WNU OG	75,683	0	p(OG)	45,410	74,468	74,475	74,818	75,220	75,269	75,281	75,281	164.0	164.0	164.8	165.6	165.8	165.8	165.8
WOU WSW	53,334	54,817	p(C)	16,518	33,943	33,988	37,568	41,895	45,976	47,189	47,189	205.5	205.8	227.4	253.6	278.3	285.7	285.7
WOU OG	27,530	0	p(OG)	16,518	22,297	22,304	23,189	25,628	26,056	26,106	26,106	135.0	135.0	140.4	155.1	157.7	158.0	158.0
WRE WSW	782	792	R	782	688	688	750	766	766	766	766	88.0	88.0	95.9	98.0	98.0	98.0	98.0
WRE OG WSW	550	0	R/D	550	522	522	544	549	549	549	549	95.1	95.1	99.0	99.9	99.9	99.9	99.9
WSU WSW	835	835	R	835	835	835	835	835	835	835	835	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WSU OG WSW	246	0	R/D	246	246	246	246	246	246	246	246	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WVI WSW	11	11	E	11	0	0	0	0	0	0	0	4.2	4.1	4.1	4.1	4.1	4.1	4.1

Veg. code	Extent (ha)	Pre-1750 (ha)	JANIS status	Target (ha)	Current reserves (ha)	Hotspots (ha)	EIA (ha)	STZ (ha)	WHA1 (ha)	WHA2 (ha)	ENGO (ha)	Current (%)	Hotspots (%)	EIA (%)	STZ (%)	WHA1 (%)	WHA2 (%)	ENGO (%)
WVI OG WSW	0	0	na	na	0	0	0	0	0	0	0	na	na	na	na	na	na	na