

An update to the December 2009 Draft Report on Progress including additional information as recommended by the Independent Reviewer

East Gippsland RFA, Central Highlands RFA, North East RFA, West Victoria RFA and Gippsland RFA

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### 2. ACRONYMS AND ABBREVIATIONS

ABC Actions for Biodiversity Conservation
AFCS Australian Forest Certification Scheme

AFS Australian Forestry Standard

AHC Act Australian Heritage Commission Act 1975 (Cwth)
Allocation Order Allocation to VicForests Order 2004 (as amended)

CAR reserve system Comprehensive, Adequate and Representative reserve system

CH Central Highlands RFA

CMA Catchment Management Authority

Code Code of Practice for Timber Production 2007 (or predecessors)

Commonwealth Commonwealth of Australia

CRA Comprehensive Regional Assessment

CRC Cooperative Research Centre

CSIRO Commonwealth Scientific and Industrial Research Organisation
DPI Department of Primary Industries (Victorian Government)
Draft Report A Draft Report on Progress with Implementation of the Victorian

Regional Forest Agreements (RFAs)

DSE Department of Sustainability and Environment (Victorian

Government) now the Department of Environment and Primary

**Industries** 

Eastern Victoria Area of Victoria east of the Hume Highway

ECC Environment Conservation Council

EG East Gippsland RFA

EIAP Expert Independent Advisory Panel

EID Act Extractive Industries Development Act 1995 (Vic)

EMS Environmental Management System
EPA Victoria Environment Protection Authority Victoria

EPBC Act Environment Protection and Biodiversity Conservation Act 1999

(Cwth)

ESP Act Endangered Species Protection Act 1992 (Cwth)

EVC Ecological Vegetation Class

Final Report on Progress with Implementation of the Victorian

Regional Forest Agreements (RFAs)

FFG Act Flora and Fauna Guarantee Act 1988 (Vic)

FMA Forest Management Area

G Gippsland RFA

GMZ General Management Zone

Joint Government

Response

Joint Australian and Victorian Government Response to the
Independent Review on Progress with Implementation of the

Victorian Regional Forest Agreements (RFAs)

IFPS Integrated Forest Planning System

ISO 14001 International Standards Organization's ISO 14001:2004

Environmental management systems – Requirements with

guidance for use

Joint Study Australian Heritage Commission/NRE study of the National Estate

JoSHL Joint Sustainable Harvest Level LCC Land Conservation Council

MAHP Monitoring Annual Harvesting Performance
MIG Montréal Process Implementation Group

MRSD Act Mineral Resources (Sustainable Development) Act 1990 (Vic)

NE North East RFA

NRE Department of Natural Resources and Environment (Victorian

Government)

Period 1 Period of time on which the first five-yearly review of the

Victorian RFAs is based (date RFA signed to 30 June 2004)

Period 2 Period of time on which the second five-yearly review of the

Victorian RFAs is based (1 July 2004 to 30 June 2009)

RFA Regional Forest Agreement

RFA Act Regional Forest Agreements Act 2002 (Cwth)

RNE Register of the National Estate

Secretary The Secretary to the Victorian Government Department of

Sustainability and Environment

SFMS Sustainable Forest Management System
SFRI Statewide Forest Resource Inventory
SFT Act Sustainable Forests (Timber) Act 2004 (Vic)

SMZ Special Management Zone SPZ Special Protection Zone

Sustainability Charter Sustainability Charter for Victoria's State forests

TRP Timber Release Plan

TSSC Threatened Species Scientific Committee
VEAC Victorian Environmental Assessment Council

VicFISAP Victorian Forest Industry Structural Adjustment Program

W West Victoria RFA

Western Victoria Area of Victoria west of the Hume Highway

### 3. EXECUTIVE SUMMARY

### 3.1. Background

The State of Victoria and the Commonwealth of Australia (the Parties) entered into five Regional Forest Agreements (RFAs) between February 1997 and March 2000. These 20 year agreements establish the framework for the conservation and sustainable management of forests within each of the five Victorian RFA regions. The main objectives of the Victorian RFAs are:

- to identify a Comprehensive, Adequate and Representative (CAR) reserve system and provide for the conservation of those areas
- to provide for the ecologically sustainable management and use of forests in each RFA region, and
- to provide for the long-term stability of forests and forest industries.

To assist in achieving their objectives, each of the Victorian RFAs contains milestones and obligations agreed to by the Parties upon signing of the RFAs. This report, jointly prepared by the Parties, contributes to the first two five-year reviews of the Victorian RFAs. Table 1 lists the Clauses (milestones and obligations) in the Victorian RFAs identified for review in the Scoping Agreement for the review of progress with implementation of the Victorian Regional Forest Agreements (Scoping Agreement).

An Independent Reviewer was contracted to examine A Draft Report on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs) (the Draft Report) together with submissions received during an 11 week public consultation period. The recommendations from the Independent Reviewer have been responded to in the Joint Australian and Victorian Government Response to the Independent Review on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs) (the Joint Government Response).

As recommended by the Independent Reviewer, additional information has been included in this *Final Report on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs)* (the Final Report) to increase transparency and clarity about progress made by the Parties against the milestones and obligations set out in the five Victorian RFAs. Data within this Final Report is current to 30 June 2009, the end of Period 2. However, to satisfy the Independent Reviewer's 'R' recommendations, this report contains contextual updates to the body text of various sections and appendices which are current as of 30 June 2011.

# 3.2. Progress with implementation of RFA milestones and obligations

Since signing Victoria's RFAs, the Parties have made substantial progress in implementing the milestones and obligations set out in the RFAs.

All tenure and zoning changes required under the Victorian RFAs were implemented during the review period. Implementation of tenure changes saw the addition of significant areas of public land to the national park and conservation reserve system in the RFA regions. It also resulted in the addition of significant areas of endangered, rare and vulnerable Ecological Vegetation Classes (EVCs) and old-growth forest to the CAR reserve system. Victoria now has a world-class forest conservation reserve system which supports the conservation of

biodiversity whilst securing access to timber resources and providing certainty for Victoria's native forest timber industry into the future.

In 2002, the then Victorian Government released *Our Forests, Our Future* which set out directions for forest management reform. In accordance with the National Competition Policy principles, *Our Forests, Our Future* took into account: ecologically sustainable development; social welfare and equity considerations; economic and regional development; and the efficient allocation of timber resources.

Our Forests, Our Future reformed the process for sustainable timber harvesting in eastern Victoria and the then Victorian Government agreed to establish VicForests as a separate, fully commercial entity to manage the commercial interface with the timber industry. VicForests was established under section 14 of the State Owned Enterprises Act 1992 (Vic) by Order in Council dated 28 October 2003 (Period 1) and commenced operations on 1 August 2004 (Period 2) to manage the harvest and commercial sale of timber in the forests of eastern Victoria. VicForests has established market-based approaches for timber sales, enhancing competition and efficiency in the utilisation of forest produce in Victoria. The creation of VicForests achieved a separation of the commercial functions of the government from the regulatory and policy functions.

Our Forests, Our Future recognised the level of timber harvesting in Victoria's native forests was unsustainable. To ensure Victoria's forests, the timber industry and regional communities were protected for the long-term, Our Forests, Our Future reduced harvesting in State forests by about a third. Additions to the national park and conservation reserve system resulting from the RFAs, and significant reductions in sustainable harvest levels resulting from Our Forests, Our Future reduced the size of the Victorian timber industry.

Outside of the RFA process, Victoria implemented additions to the 'Dedicated Reserves' component of the CAR reserve system in the West Victoria and North East RFA regions following investigations of the Environment Conservation Council (ECC), and Victorian Environmental Assessment Council (VEAC). The then Victorian Government also committed to additions to the national park and conservation reserve system in the East Gippsland RFA region. On 20 August 2010, the *Parks and Crown Land Legislation Amendment (East Gippsland) Act 2009* (Vic), added more than 45 000 hectares to the parks and reserves system in East Gippsland.

The then Victorian Government provided \$80 million of funding to help forest workers and regional communities adjust to changes in timber availability. During the review period the Victorian and Australian Governments also provided a package of \$42.6 million under the Victorian Hardwood Timber Industry Development and Restructuring Program (VicFISAP) to help businesses take advantage of RFA certainty and adjust to changes in timber availability within two years of the RFA signing. Victoria also allocated an additional \$20 million dollars to facilitate improvements in the productive capacity of public native forests, establish hardwood plantations, and establish other forest-based initiatives that generate significant employment opportunities in regional Victoria. During the review period, the Australian Government through the *Regional Forest Agreements Act 2002* (Cwth) also removed export controls on hardwood woodchips and unprocessed wood sourced from the RFA regions.

The Code of Practice for Timber Production 2007 is a key regulatory instrument that applies to commercial timber production in both public and private native forests and plantations in Victoria. It is a statutory document prepared under Part 5 of the Conservation, Forests and

Lands Act 1987. Compliance is required under the Sustainable Forests (Timber) Act 2004 and via its incorporation into the Victoria Planning Provisions. The purpose of the Code is to ensure that commercial timber growing and timber harvesting operations are carried out on both public land and private land in such a way that:

- permits an economically viable, internationally competitive, sustainable timber industry
- is compatible with the conservation of the wide range of environmental, social and cultural values associated with timber production forests
- provides for the ecologically sustainable management of native forests proposed for continuous timber production
- enhances public confidence in the management of Victoria's forests and plantations for timber production.

Our Forests, Our Future committed to make the application of the Code of Forest Practices for Timber Production (now the Code of Practice for Timber Production 2007) more transparent. To deliver on this commitment, the then Minister for Environment asked the Environment Protection Authority Victoria (EPA Victoria) to engage an independent environmental auditor to assess compliance of timber harvesting and related activities on public land with the Code. Audits of compliance with the Code are publicly available on the EPA Victoria website (www.epa.vic.gov.au).

In 2007-08, instead of coordinating the annual audit, EPA Victoria reviewed the forest audit program and determined that responsibility for commissioning future audits should be passed over to the Department of Sustainability and Environment (DSE). In 2009, DSE began developing an improved auditing program for commercial timber harvesting in Victoria's State forests and in 2010, implemented a new audit program. The Forest Audit Program has been designed to allow for the independent examination of a range of activities associated with timber harvesting including: operational and tactical planning; roading; harvesting; coupe closure; and regeneration. Audits are conducted by independent third-party auditors appointed under the *Environment Protection Act 1970* (Vic), and assess the effectiveness of: organisations regulated under the framework (including DSE and VicForests); the regulator (DSE); and the regulatory framework. The audit reports are published on the DSE website (www.depi.vic.gov.au).

An Environmental Management System (EMS) for commercial timber harvesting in State forests [the Sustainable Forest Management System (SFMS)] has been implemented by VicForests, covering all forest management operations including harvesting, haulage, timber resource sales, harvested coupe regeneration and roadworks. The SFMS drives continual improvement in minimising environmental impacts and provides a framework for quality assurance, whilst complying with legal obligations and improving operational efficiency.

The implementation of RFA milestones and obligations, and *Our Forests, Our Future* reforms undertaken in Victoria during the review period, have significantly enhanced the State's capacity to deliver effective conservation, forest management and forest industry outcomes.

Sustainable forest management objectives in Victorian RFA regions are set out in the Sustainability Charter for Victoria's State forests (Sustainability Charter). Criteria and Indicators for Sustainable Forest Management in Victoria were adopted in 2007 following extensive community consultation. Victoria's criteria and indicators for sustainable forest management are consistent with the Montréal Process, an internationally agreed framework for measuring sustainable forest management, and complement the Framework of Regional

(Sub-National) Level Criteria and Indicators of Sustainable Forest Management in Australia. Performance against each indicator is reported on a five-yearly basis through Victoria's State of the Forest reporting, and informs Victorians about progress towards sustainable forest management. Data gaps have been identified for over two-thirds of the indicators of sustainable forest management in Victoria's criteria and indicator framework, these gaps are primarily due to measurement difficulties. As part of its continuous improvement process, DSE is currently assessing the measurability of its indicators to determine which, if any, of the reported data gaps can be addressed over time.

During the review period, National Estate commitments were overtaken by events (refer Section 5.1 and Appendix 4), and forest management reforms that reduced the area of public land available for timber harvesting to about 133 000 hectares in the West Victoria RFA region brought about by *Our Forests, Our Future* which negated the value of undertaking Statewide Forest Resource Inventory (SFRI) and Integrated Forest Planning System (IFPS) works in the West Victoria RFA region (refer Section 5.5). It is not possible to assess whether changes to that component of the CAR reserve system in State forest led to a net deterioration in the protection of identified CAR values (EVCs and old-growth forest) during the review period, as improvements in knowledge and technology over the review period mean that the inputs have changed (refer Section 5.10). The tables in Appendix 3 document the current levels of protection of EVCs and old-growth forest in the CAR reserve system in the RFA regions.

There are also a number of milestones and obligations that were not achieved during the review period. The commitment to undertake a review of the performance of the Victorian RFAs within five years of signing was not met. This report contributes to both the first and second five-yearly reviews of the Victorian RFAs (refer Section 5.3). Statewide guidelines for the management of cultural heritage values were not developed during the review period. However, Victoria has reviewed the *Aboriginal Heritage Act 2006* (Vic) and in 2014 will consider whether there is a need for the development of Statewide guidelines for the management of cultural heritage values (refer Section 5.5). *Guidelines for the Management of Cultural Heritage Values in Forests, Parks and Reserves in East Gippsland* was published in October 1997. These guidelines are applied in the management of public land in the East Gippsland RFA region.

The Portland and Horsham Forests – Proposed Forest Management Plan was released for public comment in December 2005. The Portland and Horsham forests: Forest Management Plan 2010 (DSE 2011) was approved by the Secretary on 26 November 2010 and was officially released on 7 April 2011. The review of the Forest Management Plan for the Otway Forest Management Area (DCE 1992) was deferred while the review of land-use undertaken by VEAC as part of the Angahook-Otway Investigation was underway. VEAC's recommendations led to the creation of the Great Otway National Park and Otway Forest Park. The draft management plan for the Great Otway National Park and Otway Forest Park was released for public comment in March 2008. The plan was finalised in December 2009. Review of the Forest Management Plan for the Midlands Forest Management Area (NRE 1996a) was not undertaken during the review period, as management planning focussed on the preparation of plans for all forests in the State within the RFA regions and the box-ironbark and riverine forests outside of the RFA regions. Review of the Midlands Forest Management Plan is not currently scheduled as DSE has recently commenced the development of a new management planning framework for Victoria's forests and parks (refer Section 5.10).

The effective regeneration of harvested areas within State forest is required to maintain ecosystem sustainability and future productive capacity of the forest. The *Code of Practice for Timber Production 2007* requires all State forest areas in Victoria which have been subjected to timber harvesting to be regenerated to approximate the composition and spatial distribution of canopy species common to the coupe prior to harvesting, where they can be determined. Harvested stands that do not meet the required standards following the first regeneration treatment must be re-treated. *Monitoring Annual Harvesting Performance in Victoria's State forests 2006-07* (DSE 2008b) reported that it is estimated over 7 000 hectares of forest in Victoria requires re-treatment to achieve successful post-harvest regeneration, and an additional 19 000 hectares of forest is estimated to be overdue for regeneration surveys, with 63 per cent of this area occurring in East Gippsland. DSE is progressively addressing this issue (refer Section 5.11).

A statewide data agreement between the State of Victoria and the Commonwealth of Australia was signed on 28 March 2000. Data schedules to the statewide agreement were developed by the Parties, and archival copies of data have been lodged for the East Gippsland RFA region. Data schedules and lodging of archival copies of data was not completed in the other RFA regions (refer Section 5.18) and the Parties will review this requirement during the next five-year period.

In the West Victoria RFA region, Victoria expanded the CAR reserve system by converting the Otway State Forest to the Great Otway National Park and Otway Forest Park. This tenure change saw timber harvesting in the Otways phased out by 30 June 2008. The creation of the Great Otway National Park was not in accordance with the West Victoria RFA. This was acknowledged by the then Premier of Victoria in the Victorian Parliament on 5 October 2004. Victoria created the Great Otway National Park and Otway Forest Park in recognition of the considerable biodiversity value of these forests, and the substantial area of hardwood plantation that would become available over the next decade and potentially provide a viable long-term alternative supply of timber to the native forest. In considering obligations under Clauses 65 and 69 of the West Victorian RFA, the creation of the Great Otway National Park improved the protection of identified CAR values, but did lead to a net deterioration in the timber production capacity. The then Victorian Government worked closely with (and provided transitional assistance to) the timber industry and local community during the phase-out of timber harvesting in the Otways (refer Section 5.11).

The Cobboboonee State Forest (now the Cobboboonee National Park and Forest Park) was also added to the 'Dedicated Reserves' component of the CAR reserve system in the West Victoria RFA region outside of the RFA process.

As stated above, Victoria also implemented additions to the 'Dedicated Reserves' component of the CAR reserve system in the North East and East Gippsland RFA regions. These additions to the CAR reserve system were outside of the RFA process.

The Parties remain committed to ensuring effective conservation, forest management and forest industry outcomes are delivered in the Victorian RFA regions. The review to which this report contributes does not open up the RFAs to re-negotiation.

The Parties acknowledge that the process for extending the Victorian RFAs will be jointly determined by the Parties as part of the third five-year review.

Table 1: Index of RFA milestones and obligations reported in this review.

RFA	East Gippsland	Central Highlands	North East	West Victoria	Gippsland	Report Section
Clause number						
Relationship to statutory obligations	12, 15-18, 20-21, 23	36	21, 25-30, 32-33	21, 25-31, 33-34	21, 25-31, 33-34	5.1
Milestones	25	37-39	35	36	36	5.2
Five-yearly review	30-32		36-38	37-39	37-39	5.3
Ecologically sustainable forest management	34	42-46	39-40			5.4
Monitoring, reporting and consultative mechanisms	26-29	49-51	41-45	42-46	42-46	5.5
Sustainability indicators	37-40	53	48-50	49-51	49-51	5.6
Private land	42	55-60	52	53	53	5.7
Threatened flora and fauna	43-46	61	55-59	55-60	55-60	5.8
Water		64-67		61	61	5.9
The CAR reserve system	49-51	68-77	62-65	64-67	64-67	5.10
Industry development	53	78	66-72	68-77	68-77	5.11
Indigenous heritage	54		73	78	78	5.12
Plantations	56	83-87				5.13
Other forest uses	57, 59, 60	88	76-79	83-87	83-87	5.14
Competition principles	61	89-91	80	88	88	5.15
Research	62-64		81-83	89-91	89-91	5.16
Funding	65, 66	92				5.17
Data agreement	67	94-95	84	92	92	5.18
Forest management		96	86-87	94-95	94-95	5.19
Compensation		97	88	96	96	5.19
Industry development funding		91	89	97	97	5.19
	Attachment number					
CAR reserve system	1	1	1	1	1	Appendix 2
Threatened flora, fauna and communities	4	2	2	2	2	Appendix 3
Listing, protection and management of national estate values in the Gippsland Region	2	3	3	3	3	Appendix 4
Milestones	3	4	4	4	4	Refer to relevant clause numbers
Indigenous heritage				8	8	5.12
Forest management				9	9	5.10
Program for completion of SFRI and sustainable yield forecasts for RFAs in Victoria				10	10	5.5
Industry adjustment and development				11	11	5.11

#### 4. INTRODUCTION

RFAs are 20 year agreements between the Commonwealth of Australia and State governments (Western Australia, Tasmania, New South Wales and Victoria) for the conservation and sustainable management of Australia's native forests. The RFAs are given legislative status through the *Regional Forest Agreements Act 2002* (Cwth) (RFA Act). The RFAs provide certainty for forest-based industries, forest-dependent communities and conservation. They are the result of years of scientific study, consultation and negotiation covering a diverse range of interests. All of the Victorian RFAs have a provision requiring that the process for extending the Agreements for a further period will be determined jointly by the Parties as part of the third five-yearly review.

Of the ten RFAs in Australia, half apply to Victoria. The State of Victoria and Commonwealth of Australia (the Parties) entered into the RFAs as follows:

RFA Region	Date of agreement
East Gippsland	3 February 1997
Central Highlands	27 March 1998
North East	9 August 1999
West Victoria	31 March 2000
Gippsland	31 March 2000

The Victorian and Australian Governments committed to ensuring the RFAs are durable and that the obligations and commitments that they contain are delivered to ensure effective conservation, forest management and forest industry outcomes. The Australian Government's role is to coordinate a national approach to environmental and industry-development issues, while the State Government has constitutional responsibility for forest management in Victoria.

The Victorian RFAs seek to balance and protect the full range of environmental, social, economic and heritage values that forests provide for current and future generations. The RFAs are a key outcome of the 1992 *National Forest Policy Statement* through which the Australian, state and territory governments committed to the sustainable management of all Australian forests, whether the forest is on public or private land, or reserved or available for production.

Victoria's RFAs were developed following Comprehensive Regional Assessments (CRAs) which evaluated the economic, social, environmental and heritage values of forest regions and involved the full range of stakeholder and community groups. The CRAs provided governments with the information needed to make long-term decisions about forest use and sustainable development, and provided the framework for the development of the Victorian RFAs. Each RFA involved at least 50 assessment projects in disciplines ranging from biology and zoology to economics and sociology.

The three main objectives of the Victorian RFAs are:

- to identify a Comprehensive, Adequate and Representative (CAR) Reserve System and provide for the conservation of those areas
- to provide for the ecologically sustainable management and use of forests in each RFA region, and
- to provide for the long-term stability of forests and forest industries.

To assist in achieving their objectives, each of the RFAs contains milestones. In addition, the Parties identified other obligations, to ensure the RFAs are implemented effectively.

An important element of each of the Victorian RFAs is the requirement for a five-yearly review of the performance of the RFAs. Clauses 30, 31 and 32 of the East Gippsland RFA, Clauses 36, 37 and 38 of the Central Highlands and North East RFAs, and Clauses 37, 38 and 39 of the West Victoria and Gippsland RFAs require the five-yearly review to provide an assessment of progress of the RFA against the established milestones, and include:

- the extent to which milestones and obligations have been met, including the management of the National Estate;
- the results of monitoring of sustainability indicators; and
- invited public comment on the performance of the Agreement.

The Draft Report was jointly prepared by the State of Victoria and Commonwealth of Australia and assessed the performance of each of the Victorian RFAs between the date the RFAs were signed and 30 June 2004 (Period 1), and between 1 July 2004 and 30 June 2009 (Period 2). An 11 week period of public comment was conducted. Thirty submissions were received by DSE (now the Department of Environment and Primary Industries) on behalf of an Independent Reviewer for analysis. A report prepared by the Independent Reviewer was provided to the Victorian and Australian Governments, and was tabled in Federal Parliament on 28 September 2010. The Independent Reviewer's report contained 28 recommendations, which included recommendations for augmenting the Draft Report and recommendations for the continued implementation of the Victorian RFAs. Appendix 1 details the recommendations. The joint Australian and Victorian Government response to each of the recommendations in the Independent Reviewer's report is publicly available in the Joint Government Response on the Department of Environment and Primary Industries and the Australian Government Department of Agriculture web pages at www.depi.vic.gov.au and www.daff.gov.au/rfa, respectively. This Final Report is the culmination of the review process.

As recommended by the Independent Reviewer, additional information has been included in the *Final Report on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs)* (the Final Report) to increase transparency and clarity about progress made by the Parties against the milestones and obligations set out in the five Victorian RFAs. Data within this Final Report is current to 30 June 2009, the end of Period 2. However, to satisfy the Independent Reviewer's 'R' recommendations, this report contains contextual updates to the body text of various sections and appendices which are current as of 30 June 2011.

The format of this report is consistent throughout. Each Clause of the RFAs identified for review in the Scoping Agreement is stated. A review of progress against each Clause in both Period 1 and Period 2 follows. Where appropriate, progress against milestones and obligations is reported separately for each of the Victorian RFAs.

The review process to which this report contributes satisfies the requirement of each Victorian RFA to undertake a review of the performance of the RFAs for the first two five year periods.

#### 5. PROGRESS AGAINST MILESTONES AND OBLIGATIONS

## 5.1. Relationship to statutory obligations

Obligation	Clause numbers
Parties will manage their respective responsibilities with regard to the	EG - 12
National Estate in accordance with the provisions of this Agreement as	CH - 21
detailed in the RFA Attachment.	NE - 21
	W - 21
	G - 21

This commitment has been overtaken by events.

In 2003, the Australian Government repealed the *Australian Heritage Commission Act 1975* (Cwth) and amended the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) (EPBC Act) to provide for a National Heritage List to replace the Register of the National Estate (RNE). At the time it was jointly agreed to suspend further work on identifying places to add to the register, pending the outcomes of the legislative amendments. Following amendments in 2006 to the EPBC Act and the *Australian Heritage Council Act 2003* (Cwth), the RNE was frozen on 19 February 2007, which means that no new places can be added, or any existing places, or values of places, removed.

The Register will continue as a statutory register until February 2012. A transition period of five years was provided to allow State and Territories to consider whether places on the Register should be protected under other statutory provisions or their own heritage registers. The Australian Government Minister is required to consider information in the RNE in the course of his decision making under the EPBC Act during this period.

From February 2012, all references to the Register are to be removed from the EPBC Act and AHC Act; however the RNE will be maintained on a non-statutory basis as a publicly available archive. The Australian Government has invited Victoria to consider whether any places listed on the Register should be accorded any ongoing status under State legislation. While Victoria does not have any equivalent register for natural values, the State does have the Victorian Heritage Register. Any consideration of places of heritage significance on the RNE should be undertaken in consultation with relevant stakeholders.

All heritage places on the RNE, National Heritage List and Commonwealth Heritage List can be found by searching the Australian Heritage Database (http://www.environment.gov.au/cgi-bin/ahdb/search.pl).

Obligations in the RFA Attachment referred to in this Clause, and a review of progress against these obligations, is provided in Appendix 4.

Obligation	Clause numbers
The Commonwealth notes that its obligations to promote endangered	EG - 15
species protection will involve ongoing cooperative work with Victorian	CH - 25
agencies concerning the RFA region.	NE - 25
	W - 25
	G - 25

This ongoing commitment was met during Periods 1 and 2.

A number of Victorian threatened species and ecological communities are listed under the EPBC Act, including species which occur in RFA regions. The Victorian and Australian Governments regularly share information on species as part of the Commonwealth listing processes.

In addition, the Australian Government has had contracts in place since 2004 to prepare species data sheets on 50 species which are listed under the *Flora and Fauna Guarantee Act 1988* (Vic) (FFG Act). The purpose of the Species Information Partnership is to align the listings between the State and Commonwealth legislation. These data sheets are being used as the basis of listing advices for consideration under the EPBC Act.

The Australian Government is also establishing processes with States and Territories to prioritise state-listed threatened ecological communities for potential national listing. The Victorian Scientific Advisory Committee and DSE have provided a list to the Threatened Species Scientific Committee (TSSC) of ecological communities listed under FFG Act which may benefit from listing under the EPBC Act. Each year, the TSSC will consider these priorities for potential EPBC Act assessment as threatened ecological communities, taking into account publically-nominated ecological communities and available resources.

Milestone	Clause numbers
The Commonwealth undertakes to use its best endeavours to secure the	W - 26
enactment of legislation which amends the Environment Protection and	G - 26
Biodiversity Conservation Act 1999 (Cwth) by inserting definitions of	
'Forestry Operations', 'RFA Forestry Operations' and 'RFA or Regional	
Forest Agreement' identical to those contained in the Regional Forest	
Agreements Bill (Cwth) and introduce such legislation into the	
Parliament of the Commonwealth by 30 June 2000. The purpose of	
these amendments is to give effect to the Commonwealth	
Government's intention that Forestry Operations in RFA regions may be	
undertaken without approval under the Environment Protection and	
Biodiversity Conservation Act 1999 (Cwth).	

This milestone was achieved in Period 1.

The Australian Government enacted the RFA Act in May 2002. The Act defines "forestry operations", "RFA forestry operations" and "Regional Forest Agreement", and amended the relevant Sections (38, 40 and 42) of the EPBC Act to reflect these definitions. Section 6(4) of the RFA Act states that Part 3 of the EPBC Act does not apply to an RFA forestry operation that is undertaken in accordance with an RFA, giving effect to the Australian Government's intention that Forestry Operations in RFA regions may be undertaken without approval under the EPBC Act.

Obligation	Clause numbers
Parties agree to actively investigate, and participate in, World Heritage	EG - 16
assessment of the Australia-wide Eucalypt theme, including any	CH - 26
potential contribution from the RFA region.	NE - 26
	W - 27
	G - 27
Obligation	Clause numbers
Parties note that in order to progress work and then proceed to World	EG - 17
Heritage nomination, the agreement of all relevant governments will be	CH - 27

required.	NE - 27
	W - 28
	G - 28
Obligation	Clause numbers
Parties agree that any potential nomination for World Heritage involving	EG - 18
areas in the RFA region could be achieved from within the CAR reserve	CH - 28
system.	NE - 28
	W - 29
	G - 29
Obligation	Clause numbers
The Commonwealth agrees that it will give full consideration to the	CH - 29
potential socio-economic consequences of any World Heritage	NE - 29
nomination of places in the RFA region and that any such nomination	W - 30
will only occur after the fullest consultation and with agreement of the	G - 30
State.	
Obligation	Clause numbers
The Parties agree that before any World Heritage nomination is made:	CH - 30
• all necessary management arrangements, including joint policy	NE - 30
coordination arrangements will be agreed; and	W - 31
• all related funding issues will be resolved to the satisfaction of both Parties.	G - 31

These ongoing commitments were met during Periods 1 and 2.

In 1999 Victoria participated in an Expert Workshop on the eucalypt-dominated vegetation. Information on this workshop is provided in *Comprehensive Regional Assessment World Heritage Sub-theme: Eucalypt-dominated vegetation, Report of the Expert Workshop, Canberra, 8 & 9 March, 1999* (Commonwealth of Australia 1999).

In 2004, as part of the National Heritage Protocol (relating to the coordination of Australian, State and Territory governments with respect to the protection of heritage), it was agreed that, as a general principle, future nominations for World Heritage listing will be drawn from the National Heritage List.

The national parks of the Australian Alps and some adjoining conservation reserves in NSW and the ACT, including the Baw Baw, Mount Buffalo, Alpine and Snowy River National Parks and Avon Wilderness Park in Victoria, were included on the National Heritage List on 7 November 2008 as part of the Australian Alps National Parks and Reserves covering more than 1.6 million hectares of public land across eleven parks and nature reserves.

The Budj Bim National Heritage Landscape, Flora Fossil Site – Yea, and the Grampians National Park (Gariwerd) were included on the National Heritage List on 20 July 2004, 23 March 2006 and 18 September 2006, respectively.

In 2007 the Environment Protection and Heritage Council (a Commonwealth, States and Territories Ministerial Council) agreed to the development of a World Heritage Tentative List, which is a prerequisite for a place being nominated for inclusion on the World Heritage List. The Victorian and Australian governments continue to participate in the development of Australia's World Heritage Tentative List.

No World Heritage nomination involving Victorian RFA regions was made in Period 1 or 2.

Milestone	Clause number
The Commonwealth will, subject to the passage of amendments to the	EG - 20
relevant regulations under the Export Controls Act 1982, ensure that no	
controls under that Act will apply to the export of hardwood woodchips	
or unprocessed wood sourced from the East Gippsland region while this	
Agreement is in place. The Commonwealth will seek passage of the	
relevant amendments by 30 June 1997. In the interim, licences will be	
issued to applicants seeking to export hardwood woodchips or	
unprocessed wood derived from areas within the East Gippsland region.	
The licences will be valid while this Agreement is in place and will not	
include an export volume constraint.	

This milestone was achieved in April 1997.

Obligation	Clause numbers
Parties note that no controls under the Export Control Act 1982 will	CH - 32
apply to hardwood woodchips or unprocessed wood sourced from the	NE - 32
RFA region while this Agreement is in place.	W - 33
	G - 33

This ongoing commitment was met during Periods 1 and 2.

The Export Control (Hardwood Wood Chips) Regulations 1996 made under the Export Control Act 1982 (Cwth) ensure that wood chips derived from native hardwood forests are only permitted to be exported if they are:

- i) derived from a region to which a RFA applies; or
- ii) exported under a restricted shipment licence.

Under the *Export Control (Regional Forest Agreements) Regulations 1997,* as an RFA came into force all export controls on woodchips and other processed wood from that RFA region (except that sourced from plantations) were lifted.

In relation to plantation-sourced material, under amendments to the *Export Control (Unprocessed Wood) Regulations 1986,* the requirement for export licences does not apply in Victoria, since the *Code of Practice for Timber Production 2007* (DSE 2007b) satisfactorily protects environment and heritage values.

Obligation	Clause numbers
The Commonwealth notes Victoria's intention to separate more clearly	EG - 21
its commercial forestry activities within native State forests from the	CH - 33
broader policy, strategic planning and regulatory functions associated	NE - 33
with the management of those forests. Victoria also confirms its	W - 34
commitment to the ongoing implementation of its plans, codes and	G - 34
prescriptions relevant to the achievement of Ecologically Sustainable	
Forest Management (ESFM).	

These ongoing commitments were met during Periods 1 and 2.

The then Victorian Government separated the commercial forestry activities within native State forests from the policy and regulatory functions on 1 August 2004 (Period 2) when VicForests commenced operations.

Further improvements to public native forestry governance arrangements in Victoria have subsequently been made. VicForests is now under the sole direction of the Minister for Agriculture and Food Security. The Treasurer retains responsibilities under the *State Owned Enterprises Act 1992* (Vic) primarily relating to the financial oversight of the company. The Minister for Environment and Climate Change has a continuing role in land management, environmental regulation and forest policy, relating to biodiversity, conservation and sustainability objectives.

The Victorian Government allocates timber resources from State forests to VicForests for the purposes of harvesting and commercial sale through the *Allocation to VicForests Order 2004* (as amended) (the Allocation Order). The Allocation Order currently allocates timber resources to VicForests in eastern Victoria only. In western Victoria, including areas within the West Victoria RFA, all aspects of forest management within State forests, including commercial operations, were the responsibility of DSE during Periods 1 and 2.

During Periods 1 and 2, Victoria remained committed to the implementation of its plans, codes and prescriptions relevant to the achievement of ecologically sustainable forest management.

### 5.2. Milestones

Milestone and Obligation	Clause numbers
This Agreement establishes milestones and Parties will report annually	EG - 25
on their achievement for the first five years, and then as they fall due	CH - 35
and as part of the 5 yearly review, using an appropriate public reporting	NE - 35
mechanism.	W - 36
	G - 36

Aspects of this milestone and obligation were met during Periods 1 and 2.

Victorian RFA Annual Reports were produced and agreed between the State of Victoria and the Commonwealth of Australia each year from 1998 to 2002, and reported on the achievement of milestones in the RFAs.

These reports were tabled in the Australian Parliament as follows:

Annual Report year	House of	Senate	RFAs covered in
	Representatives		report
1998	20 June 2002	20 June 2002	EG, CH
1999	7 February 2001	7 February 2001	EG, CH, NE
2000	20 June 2002	20 June 2002	EG, CH, NE, W, G
2001	5 November 2003	25 November 2003	EG, CH, NE, W, G
2002	5 November 2003	25 November 2003	EG, CH, NE, W, G

The Annual Reports are publicly available on the Department of Agriculture website (www.daff.gov.au/rfa).

Progress with implementation of the milestone is also provided in this report.

# 5.3. Five-yearly review

Obligation	Clause numbers
Within each five year period, a review of the performance of the	EG - 30
Agreement will be undertaken. The purpose of the five-yearly review is	CH - 36
to provide an assessment of progress of the Agreement against the	NE - 36
established milestones, and will include:	W - 37
• the extent to which milestones and obligations have been met	G - 37
including management of the National Estate;	
<ul> <li>the results of monitoring of sustainability indicators; and</li> </ul>	
• invited public comment on the performance of the Agreement.	
Obligation	Clause number
Each review will be scheduled concurrent with the five-yearly reviews	CH - 36
required for the East Gippsland RFA.	
Obligation	Clause numbers
Obligation While the review process will not open up the Agreement to re-	Clause numbers EG - 31
While the review process will not open up the Agreement to re-	EG - 31
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to	EG - 31 CH - 37
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to	EG - 31 CH - 37 NE - 37
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to	EG - 31 CH - 37 NE - 37 W - 38
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to incorporate the results of the review.	EG - 31 CH - 37 NE - 37 W - 38 G - 38
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to incorporate the results of the review.  Milestone and Obligation	EG - 31 CH - 37 NE - 37 W - 38 G - 38 Clause numbers
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to incorporate the results of the review.  Milestone and Obligation The outcomes of the review will be made public. The mechanism for the	EG - 31 CH - 37 NE - 37 W - 38 G - 38 Clause numbers EG - 32
While the review process will not open up the Agreement to renegotiation, both Parties may agree to some minor modifications to incorporate the results of the review.  Milestone and Obligation The outcomes of the review will be made public. The mechanism for the review will be determined by both Parties before the end of the five	EG - 31 CH - 37 NE - 37 W - 38 G - 38 Clause numbers EG - 32 CH - 38

The commitment to undertake a review of the performance of the Victorian RFAs during the first five year period (Period 1) was not met. The review was delayed as a direct consequence of reforms in the management of Victoria's public native forests associated with the then Victorian Government's *Our Forests, Our Future* policy statement.

The *Our Forests, Our Future* policy statement, announced in February 2002, led to major reforms in the way in which Victoria's public native forests were managed, and to the native forest timber industry.

The implementation of *Our Forests, Our Future* saw: a 31 per cent reduction in native forest sawlog supply levels in Victoria; an \$80 million assistance package, which included funding for a Voluntary Licence Reduction Program and a Workers Assistance Package; new legislation to ensure resource security; independent auditing of forests; and the establishment of a new commercial entity, VicForests, to separate the commercial forestry objectives from the policy and regulatory functions of Government and ensure that the timber industry is managed efficiently.

The implementation of this major reform required time to:

- determine the future sustainable resource base
- create VicForests
- develop a new licensing and pricing system
- create new legislation, and
- consult with industry and transition to the new allocation arrangements.

The release of this Final Report marks the conclusion of the first (Period 1) and second (Period 2) five-yearly reviews of the performance of each of Victoria's five RFAs.

# 5.4. Ecologically sustainable forest management

Obligation	Clause numbers
The Parties agree that ESFM is an objective which requires a long term commitment to continuous improvement and that the key elements for	NE - 39
achieving it in accordance with clause 7 are:	
• the establishment of a CAR reserve system;	
• the development of internationally competitive forest products industries; and	
a fully integrated and strategic forest management system capable of responding to new information.	
Obligation	Clause numbers
The Parties agree that Victorian processes and systems provide for	NE - 40
ecologically sustainable management of forests in the North East region	
and that these processes and systems are accredited in clause 47 of this	
Agreement.	

The Parties agree with these clauses.

The then Australian and Victorian governments agreed that ecologically sustainable forest management is an objective which requires a long term commitment to continuous improvement and that the key elements for achieving it are the establishment of a CAR reserve system, the development of internationally competitive forest products industries, and the implementation of a fully integrated, strategic, and adaptive forest management system.

It was also agreed that Victorian processes and systems provide for the ecologically sustainable management of forests in the RFA regions, and that the processes and systems in place in Victoria were accredited in the RFAs.

# 5.5. Monitoring, reporting and consultative mechanisms

Obligation	Clause numbers
Victoria will report on the results of monitoring of sustainability	EG - 26
indicators.	CH - 41
	NE - 41
	W - 42
	G - 42

This ongoing commitment was met during Periods 1 and 2.

Victoria reports on the results of monitoring of sustainability indicators through five-yearly State of the Forests reporting, at both the state and national level.

Several State of the Forests reports were published during the review period. Australia's State of the Forests Report was published in 1998 (Period 1), 2003 (Period 1) and 2008 (Period 2). *Victoria's State of the Forests Report 2003* (DSE 2005b) (Period 1) published in 2005 provides baseline information at 2003. *Victoria's State of the Forests Report 2008* (DSE 2009c) (Period 2), published in August 2009, reports on the condition of Victoria's forests at 30 June 2006 and trends in the forests between the period 1 July 2001 and 30 June 2006 (Periods 1 and 2).

Victoria's State of the Forests 2008 meets the reporting requirements in the Sustainable Forests (Timber) Act 2004 (Vic) (SFT Act) and supports openness, accountability and community engagement in forest management. The report is structured to provide information in response to the Criteria and Indicators for Sustainable Forest Management in Victoria (DSE 2007a). These criteria and indicators were adopted in 2007 following extensive community consultation, and are consistent with the Montréal Process, an internationally agreed framework for measuring sustainable forest management. Victoria's criteria and indicators for sustainable forest management also complement the Framework of Regional (Sub-National) Level Criteria and Indicators of Sustainable Forest Management in Australia (Commonwealth of Australia 2008) used in Australia's State of the Forests reporting.

Data gaps have been identified for over two-thirds of the indicators of sustainable forest management in Victoria's criteria and indicator framework, these gaps are primarily due to many of these indicators being difficult and/or costly to measure. The Victorian Government is also assessing the measurability of its sustainability indicators to determine which, if any, of the reported data gaps can be addressed over time. A review of the *Criteria and Indicators for Sustainable Forest Management in Victoria* is not underway at this time. However, it has always been a clear intention by the Victorian Government that the *Criteria and Indicators for Sustainable Forest Management in Victoria* would be subject to continuous improvement.

The Victorian Government will give priority to monitoring and measuring the sustainability indicators that are most practical, cost-effective and capable of being implemented at the regional level to inform the sustainable management of Victoria's public native forests.

The Victorian Government has established a Victorian Forest Monitoring Program. Its purpose is to assess and monitor the extent, state and condition of Victorian public forests (State forests, national parks and other conservation reserves) in a timely and accurate manner to inform sustainable forest management. The Victorian Forest Monitoring Program

will be used for reporting in the Victorian and Australian State of the Forests Reports in 2013. At this stage, priority indicators are being included on all public land tenures.

Victoria's State of the Forests Reports and *Criteria and Indicators for Sustainable Forest Management in Victoria* are available on the DSE website (www.depi.vic.gov.au).

Obligation	Clause numbers
Comprehensive Regional Assessments and the development of this	EG - 27
Agreement have provided extensive opportunities for public	CH - 42
participation and reporting. Parties recognise that the public reporting	NE - 42
activities and on-going opportunities for public participation and	W - 43
consultation associated with existing Victorian and Commonwealth	G - 43
processes and instruments will continue. These processes are listed in	
the RFA Attachment.	

This ongoing commitment was met during Period 1 and Period 2.

During the implementation of the RFAs, public reporting activities and on-going opportunities for public participation and consultation associated with the existing Victorian and Australian Governments' processes and instruments identified within the RFAs has continued. Further information is provided in Appendix 5.

Obligation	Clause numbers
In addition to these activities, Victoria agrees to publish future reports	EG - 28
of internal audits of compliance with the Code of Forest Practices for	CH - 43
Timber Production. Supporting documents will also be publicly available.	NE - 43
	W - 44
	G - 44

This ongoing commitment was met during Periods 1 and 2.

In 2002, the then Victorian Government released the *Our Forests, Our Future* policy with a commitment to make the application of the *Code of Forest Practices for Timber Production* (now the *Code of Practice for Timber Production 2007*) more transparent. To deliver on this commitment, the then Minister for Environment and Climate Change asked the Environment Protection Authority Victoria (EPA Victoria) to engage an independent environmental auditor to assess compliance of timber harvesting and related activities on public land with the Code. Audits of compliance with the Code in State forests undertaken by EPA Victoria between 2003 and 2007 are publicly available on their website (*www.epa.vic.gov.au*).

In 2007-08, instead of coordinating the annual audit, EPA Victoria reviewed the forest audit program and determined that responsibility for commissioning future audits should be passed over to the Department of Sustainability and Environment (DSE).

While this review was being conducted, DSE conducted audits of VicForests' operations. In 2007-08 and 2008-09 DSE audited VicForests for compliance with the *Allocation to VicForests Order 2004 (as amended)* (the Allocation Order) and approved Timber Release Plan. A sample of fire salvage coupes from the Tambo, Benalla-Mansfield and Central Gippsland Forest Management Areas were selected. The audits concluded that VicForests has processes in place to address all requirements of the Allocation Order and approved Timber Release Plan, with only some minor improvements required. The audits found that

the processes were followed in most instances and when followed, it achieved the desired outcomes. The 2007-08 audit made eleven recommendations, and the 2008-09 audit seven recommendations, for improvements in process for both DSE and VicForests. The 2007-08 and 2008-09 audits are available on the DSE website at <a href="https://www.depi.vic.gov.au">www.depi.vic.gov.au</a>.

In 2010, DSE implemented a new audit program for commercial timber harvesting in Victoria's State forests. The Forest Audit Program has been designed to allow for the independent examination of a range of activities associated with timber harvesting including: operational and tactical planning; roading; harvesting; coupe closure; and regeneration. Audits are conducted by independent third-party auditors appointed under the *Environment Protection Act 1970* (Vic), and assess the effectiveness of: organisations regulated under the framework (including DSE and VicForests); the regulator (DSE); and the regulatory framework. The audit reports are published on the DSE website (www.depi.vic.gov.au).

Milestone	Clause numbers
Victoria will further develop the transparency and accountability of its	EG - 29
forest management processes through the implementation of an on-	CH - 44
going quality assurance program. The program will be implemented,	NE - 44
within three years, utilising expertise external to the forest agency in	
the Department of Natural Resources and Environment or its	
equivalent.	
Obligation	Clause numbers
Parties note that to develop the transparency and accountability of its	W - 45
forest management processes, Victoria is implementing an on-going	G - 45
quality assurance program utilising, as appropriate, expertise external to	
the forest agency in the Department of Natural Resources and	
Environment or its equivalent.	

This milestone was achieved in Period 1.

To improve the transparency and accountability of forest management processes in Victoria, the then Victorian Government developed and implemented a variety of quality assurance initiatives during Period 1. The State of Victoria does not have one quality assurance program, instead it has developed and implemented a variety of initiatives that ensure the continued development and refinement of business practice processes and procedures. Details of these initiatives are available in the Victorian RFA Annual Reports which were released from 1998 to 2002 and which reported on the milestones set out in the RFAs. *Our Forests, Our Future* also outlines many of the forestry reforms that supported improved transparency and accountability in forest management which occurred in Victoria over the reporting period.

One of the most important of these initiatives was the development and implementation of an Environmental Management System (EMS) for State forests. The development of an EMS was a commitment made in *Our Forests, Our Future* to foster a culture of continual improvement in minimising environmental impacts whilst complying with legal obligations and improving operational efficiency.

VicForests' Sustainable Forest Management System (SFMS) achieves these objectives and enables the organisation to measure operational performance and outcomes against the objectives set out in the *Sustainability Charter for Victoria's State forests* (Sustainability

Charter) (DSE 2006). The SFMS covers all forest management operations including harvesting, haulage, timber resource sales, harvested coupe regeneration and roadworks. VicForests was certified under the Australian Forest Certification Scheme (AFCS) in 2007 and has maintained that certification. The AFCS is endorsed by the Programme for the Endorsement of Forest Certification schemes, which is the largest assessor of sustainable forest management world-wide. Certification under the AFCS involves certification against the Australian Forestry Standard (AFS) (AS 4708) which is an Australian Standard that incorporates the principles of sustainable forest management.

Our Forests, Our Future outlines many of the forestry reforms that support improved transparency and accountability in forest management which occurred in Victoria over the reporting period.

Milestone	Clause numbers
Victoria undertakes to:	EG - 34
<ul> <li>complete and publish regional prescriptions for timber production</li> </ul>	CH - 45(a)
by the end of 1997(EG)/ 1998(CH);	

This milestone was achieved in Period 1.

Regional prescriptions for timber production were first published in 1998 and are periodically updated. The current prescriptions are published in the *Management Procedures for Timber Harvesting, Roading and Regeneration in Victoria's State Forests 2009* (DSE 2009d), available on the DSE website (*www.depi.vic.gov.au*).

Milestone	Clause numbers
Victoria undertakes to:	EG - 34
<ul> <li>use its best endeavours to complete and publish management</li> </ul>	CH - 45(b)
plans for all National and State Parks by the end of 1998;	

This milestone was achieved in Period 1.

Management plans for National and State Parks are available on the Parks Victoria website (www.parkweb.vic.gov.au).

Obligation	Clause numbers
Victoria undertakes to:	EG - 34
<ul> <li>continue to manage the Dedicated Reserves within the CAR</li> </ul>	CH - 45(c)
reserve system in accordance with the relevant government	NE - 45(a)
approved recommendations of the Land Conservation Council or	W - 46(a)
Environment Conservation Council;	G - 46(a)

This ongoing commitment was met in Periods 1 and 2.

The Victorian Environmental Assessment Council (VEAC) replaces the Environment Conservation Council (ECC) which in turn replaced the former Land Conservation Council (LCC).

Victoria continues to manage Dedicated Reserves within the CAR reserve system in accordance with relevant government approved recommendations of VEAC, ECC and LCC.

Obligation	Clause number
Victoria undertakes to:	EG – 34
<ul> <li>manage cultural values, both Aboriginal and non-Aboriginal, in</li> </ul>	
East Gippsland, based on the Guidelines for the Management of	
Cultural Heritage Values in Forests, Parks and Reserves in East	
Gippsland which will be jointly agreed;	

This ongoing commitment was met in Periods 1 and 2.

Guidelines for the Management of Cultural Heritage Values in Forests, Parks and Reserves in East Gippsland (NRE 1997b) were published in October 1997. These guidelines are applied in the management of public land in the East Gippsland RFA region.

Obligation	Clause numbers
Victoria undertakes to:	CH - 45(d)
<ul> <li>manage cultural values, both Aboriginal and non-Aboriginal, in</li> </ul>	NE - 45(b)
the RFA region, based on Statewide Guidelines for the	W - 46(b)
Management of Cultural Heritage Values in Forests, Parks and	G - 46(b)
Reserves which will be jointly agreed.	

This commitment was not met during either Period 1 or Period 2.

Victoria manages both Indigenous and non-Indigenous cultural heritage values in forests, parks and reserves through legislation, relevant regulations, plans, procedures and guidelines.

The Victorian Government has reviewed the *Aboriginal Heritage Act 2006* (Vic) and in 2014 will consider whether there is a need for the development of Statewide guidelines for the management of cultural heritage values.

Further information on the management of Indigenous cultural heritage in Victoria is provided in Section 5.12 of this report.

Milestone	Clause number
Victoria undertakes to:	EG – 34
• implement the Integrated Forest Planning System and the	
Statewide Forest Resource Inventory in East Gippsland in time	
for the next review of sustainable yield due in 2001.	
Milestone	Clause number
Victoria undertakes to:	CH - 45(e)
• implement the Integrated Forest Planning System and the	
Statewide Forest Resource Inventory (SFRI) in the Central	
Highlands in time for the next review of sustainable yield due	
in 2001.	
Milestone	Clause number
Victoria undertakes to:	NE - 45(c)
• implement the Integrated Forest Planning System and the	
Statewide Forest Resource Inventory (SFRI) in the North East	
region in time for the next review of sustainable yield due in	
2001.	

Milestone	Clause numbers
Victoria undertakes to:	W - 46(c)
• implement the Integrated Forest Planning System and the	W – Attachment 10
Statewide Forest Resource Inventory (SFRI) across Victoria in	G - 46(c)
accordance with the schedule set out in the RFA Attachment.	G – Attachment 10

Milestones were achieved in all RFA regions except the West Victoria RFA region. Policy changes through *Our Forests, Our Future* negated the value of undertaking the works in the West Victoria RFA region.

Use of the IFPS, a spatially based modelling tool used to forecast timber resource availability in Victoria, was replaced by Woodstock—a forest modelling system that can be used to perform a wide variety of analyses, including harvest scheduling and wood supply analysis, wildlife management and simulation of forest ecosystems—in 2005. Woodstock was utilised through the remainder of Period 2. Since 2009, VicForests has been responsible for determining sustainable yield—in volume terms—of timber products and continues to use Woodstock based modelling.

Implementation of the IFPS and SFRI in the East Gippsland, Central Highlands, North East and Gippsland RFA regions was achieved.

In the West Victoria RFA region, SFRI was achieved in the Midlands Forest Management Area (FMA). The mapping component of SFRI was achieved in the Otway and Portland FMAs however the inventory component was not. Aside from the Wombat State Forest in the Midlands FMA, IFPS was not applied in the West Victoria RFA region.

SFRI and IFPS commitments were not achieved in the West Victoria RFA region due to forest management reforms brought about by *Our Forests, Our Future.* 

Commercial forestry activities within native State forests were separated from the policy and regulatory functions during the review period with the creation of VicForests. VicForests is under the sole direction of the Minister for Agriculture and Food Security.

DSE allocates timber resources from State forests in eastern Victoria to VicForests for the purposes of harvesting and commercial sale through the Allocation Order. In western Victoria, all aspects of forest management within State forests, including commercial harvesting operations, were the responsibility of DSE in Periods 1 and 2.

Since the creation of VicForests, only minimal timber harvesting has occurred in the west of the State. Commercial timber production now predominately occurs in eastern Victoria, and as such resources for estimating the availability of timber resources were redirected away from the West Victoria RFA region.

While IFPS milestones were not achieved in the West Victoria RFA region, a review of timber resource availability in this region was undertaken as part of a statewide review of timber resource availability in 2001. Further information on the review of timber resource availability is provided in Section 5.11.

# 5.6. Sustainability indicators

Milestone and Obligation	Clause numbers
Parties agree that the current forest management system could be	EG - 37
enhanced by further developing appropriate mechanisms to monitor	CH - 48
and review the sustainability of forest management practices. To ensure	NE - 48
that this occurs, Parties agree to establish an appropriate set of	W - 49
sustainability indicators to monitor forest changes. Any indicators	G – 49
established will be consistent with the Montréal Process Criteria (as	
amended from time to time), the current form of which is specified in	
the RFA Attachment, and will take into account the framework of	
regional indicators developed by the Montréal Process Implementation	
Group (MIG). Indicators will be practical, measurable, cost-effective and	
capable of being implemented at the regional level.	
Milestone	Clause number
Parties will assess the outcomes of the Montréal Process	EG - 38
Implementation Group (MIG) process by the end of 1997. After	
considering the extent to which the MIG process provides, or is likely to	
provide, relevant indicators, the process to be used in developing	
indicators for application in East Gippsland will be determined. Any	
process adopted will provide for appropriate public consultation and	
determine the frequency of reporting.	
Obligation	Clause numbers
In developing effective indicators, Parties agree to take into account the	EG - 39
results of the Forest and Wood Products Research and Development	CH - 49
Corporation's pilot studies for the development of effective regional	NE - 49
indicators.	W - 50
	G – 50
Milestone	Clause numbers
Development of indicators, and collection of results for those indicators	EG - 40
which can be readily implemented, will be completed in time to enable	CH - 50
assessment during the first review of this Agreement.	NE - 50
	W - 51
	G – 51

These milestones were completed during Period 2. These obligations were met during Periods 1 and 2.

These milestones were delivered through the development of a *Framework of Regional* (Sub-National) Level Criteria and Indicators of Sustainable Forest Management in Australia (the Framework).

Australia used the international Montréal Process criteria and indicators as the basis for the Framework. The Framework provides a guideline for monitoring forest management in all forest areas, including those covered by the RFAs.

The Montréal Process member countries identified the following seven criteria as the essential components of sustainable forest management:

- 1. conservation of biological diversity
- 2. maintenance of productive capacity of forest ecosystems

- 3. maintenance of ecosystem health and vitality
- 4. conservation of maintenance of soil and water resources
- 5. maintenance of forest contribution to global carbon cycles
- 6. maintenance and enhancement of long term multiple socio-economic benefits to meet the needs of societies, and
- 7. legal, institutional and economic framework for forest conservation and sustainable management.

Indicators provide measures of change in these criteria over time. They are ways to assess or describe criteria and may be quantitative or qualitative. All indicators provide information about forest conditions and management and, over time, identify trends.

The Montréal Process Implementation Group for Australia (MIG), comprised of the Australian, State and Territory Governments, developed the Framework with input from a number of stakeholders. The Framework comprises 67 indicators that were considered the most relevant for use at the regional level at that point in time.

In 2005, the MIG reviewed the 67 indicators with the objective of streamlining them, removing areas of duplicity, ambiguity and gaps between indicators to ensure they have national and regional relevance. As a result of this review process, a set of 44 indicators are now used at the regional level.

The Victorian sustainability indicators are described in the *Criteria and Indicators for Sustainable Forest Management in Victoria*. These criteria and indicators were adopted in 2007 following extensive community consultation. Results of the Forest and Wood Products Research and Development Corporation's pilot studies for the development of effective regional indicators were taken into account in developing the indicators. The criteria and indicators are consistent with the Montréal Process, an internationally agreed framework for measuring sustainable forest management, and complement the *Framework of Regional (Sub-National) Level Criteria and Indicators of Sustainable Forest Management in Australia* used in Australia's State of the Forests reporting.

Performance against each indicator is reported on a five-yearly basis through Victoria's State of the Forests reports. These are five-yearly reports from the Secretary of DSE to the Minister for Environment and Climate Change on the condition of, and trends in, Victoria's forests. *Victoria's State of the Forests Report 2008* was released in August 2009. It reports on the condition of Victoria's forests as at 30 June 2006, and trends in the forests between the period 1 July 2001 and 30 June 2006 (Periods 1 and 2). *Victoria's State of the Forests Report 2008* is the second in this series of reports published in Victoria, but was the first to provide information in response to the *Criteria and Indicators for Sustainable Forest Management in Victoria*.

Data gaps have been identified for over two-thirds of the indicators of sustainable forest management in Victoria's criteria and indicator framework, these gaps are primarily due to many of these indicators being difficult and/or costly to measure. The Victorian Government is also assessing the measurability of its sustainability indicators to determine which, if any, of the reported data gaps can be addressed over time. A review of the *Criteria and Indicators for Sustainable Forest Management in Victoria* is not underway at this time. However, it has always been a clear intention by the Victorian Government that the *Criteria and Indicators* 

for Sustainable Forest Management in Victoria would be subject to continuous improvement.

The Victorian Government will give priority to monitoring and measuring the sustainability indicators that are most practical, cost-effective and capable of being implemented at the regional level to inform the sustainable management of Victoria's public native forests.

The Victorian Government has established a Victorian Forest Monitoring Program. Its purpose is to assess and monitor the extent, state and condition of Victorian public forests (State forests, national parks and other conservation reserves) in a timely and accurate manner to inform sustainable forest management. The Victorian Forest Monitoring Program will be used for reporting in the Victorian and Australian State of the Forests Reports in 2013. At this stage, priority indicators are being included on all public land tenures.

### 5.7. Private land

Obligation	Clause numbers
Victoria will continue to encourage private forest owners to ensure that	EG - 42
their management operations are consistent with the Code of Forest	CH - 52
Practices for Timber Production, and to have in place adequate	NE - 52
mechanisms to protect nature conservation and catchment values.	W - 53
	G - 53

This ongoing commitment was met during Periods 1 and 2.

Private forest owners continue to be required to comply with the Code of Practice for Timber Production 2007 (formerly the Code of Forest Practices for Timber Production). Under the Planning and Environment Act 1987 (Vic), local government, as the local planning authority, is responsible for ensuring that forestry activities on private land comply with the Code. This responsibility involves ensuring that forestry activity on private land which involves timber production is appropriately planned, developed, managed, harvested restored/revegetated. The Code does not apply to agroforestry (the simultaneous and substantial production of forest and other agricultural products from the same land unit), windbreaks or other amenity plantings, or to the occasional felling of trees for local uses on the same property or by the same landowner or manager. Small plantations and woodlots of five hectares or less are also exempt from the Code, as are plantings established from noncommercial purposes. The Code does not apply to revegetation operations conducted for the purposes of erosion or salinity control.

The requirement for private landholders to comply with the Code is incorporated in all local government planning schemes in Victoria through standard provisions known as the Victorian Planning Provisions. Clause 66 of the Victoria Planning Provisions set out the types of applications which must be referred under Section 55 of the *Planning and Environment Act 1987* (Vic). Various Ministers, Departmental Secretaries and government agencies of the State of Victoria are listed as referral authorities under the Provisions. A Forest Practitioner Accreditation Scheme developed by Timber Towns Victoria provided councils and forest owners' access to Accredited Forest Practitioners to assist them with Code compliance during the review period.

The *Timber Industry Strategy*, released by the then Victorian Government in December 2009, stated that the government will support demand driven training development to assist local government to monitor compliance with the Code on private land. It was subsequently

determined, through extensive stakeholder consultation, that there is currently minimal demand for such training. However, in response to demand from local government the Victorian Department of Primary Industries developed and released *A Companion to the Code of Practice for Timber Production 2007* which will assist the consistent application of the Code on private land in Victoria. The Code companion document is available on the Department of Primary Industries website at www.dpi.vic.gov.au.

### 5.8. Threatened flora and fauna

Obligation	Clause numbers
The Parties agree that the CAR reserve system, actions under the Flora	W - 55
and Fauna Guarantee Act 1988 (Vic) and the Endangered Species	G - 55
Protection Act 1992 (Cwth), and the application of the strategies in the	
RFA Attachment provide for the protection of rare or threatened flora	
and fauna species and ecological communities. These will guide the	
development of the range of management strategies to be included in	
future Forest Management Plans.	
Milestone and Obligation	Clause numbers
Where threatened species, ecological communities and threatening	EG – 43
processes restricted to Victoria are listed under both the Flora and	CH - 55
Fauna Guarantee Act 1988 and the Endangered Species Protection Act	NE - 55
1992, any new or revised Action Statements will be jointly prepared to	W - 56
meet the requirements of both acts. Where the Action Statements meet	G - 56
the requirement of the Endangered Species Protection Act 1992, the	
Commonwealth agrees to adopt Action Statements as Recovery Plans	
under Section 46 of the <i>Endangered Species Protection Act 1992</i> .	

These milestones and obligations were met during Periods 1 and 2.

The EPBC Act introduced altered and additional requirements for national Recovery Plans compared to the superseded *Endangered Species Protection Act 1992* (Cwth) (ESP Act). As a consequence the Action Statements prepared under the FFG Act could no longer meet the requirements of the EPBC Act. From 2001 (Period 1), DSE entered into a series of financial agreements to prepare national Recovery Plans for the vast majority of EPBC-listed threatened species and ecological communities (both endemic and non-endemic) that occur in Victoria. DSE also sought to prepare or revise Action Statements for the same species, so they would contain the same actions as the Recovery Plans.

There is a statutory requirement under the EPBC Act for the completion of recovery plans for all EPBC-listed species which have a requirement to develop a recovery plan. For those RFA priority species which already have a recovery plan in place and for which a review (or revision) of the plan is underway, ideally this should be completed as soon as possible. This will allow resources to be allocated to other recovery plans as they become due for their statutory five-year review.

The Parties agree to develop a timeframe for the development and review of recovery plans required for species listed under both the EPBC and FFG Acts. The Parties will also endeavour to finalise development of those outstanding recovery plans required before the end of the third five-yearly period.

Milestone and Obligation	Clause numbers
Recovery Plans for items listed under both Acts and extending beyond	EG - 44
Victoria will be prepared jointly with Victoria and other relevant	CH - 56
governments, and incorporate the agreed Action Statement as the	NE - 56
Victorian component of the National Recovery Plan.	W - 57
	G - 57

This milestone and obligation was met during Periods 1 and 2.

Recovery Plans are prepared jointly between Victoria and other relevant governments. Victoria has taken a lead role or participated in the preparation of Recovery Plans for listed species occurring in each RFA region, including many that extend beyond the state.

Amendments to the EPBC Act in 2006 now require that there must be a decision on whether or not to have a recovery plan, therefore not all species may require a recovery plan.

Further information on recovery plans relating to each RFA region follows.

# **East Gippsland**

There are 25 species listed under both the EPBC and FFG Acts, which are found in the East Gippsland RFA region and which can also be found outside Victoria. Since the signing of the East Gippsland RFA, eight of these species have had Recovery Plans adopted (Table 2). In addition, the Recovery Plans for 15 species, including the Genoa River Correa and Eastern Bristlebird, are in preparation.

Table 2: Species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) and the *Flora and Fauna Guarantee Act 1988* (Vic), extending beyond Victoria and found in the East Gippsland RFA region, for which Recovery Plans have been adopted (as at 30 June 2009).

Scientific Name	Common Name	Progress
Thalassarche cauta	Shy Albatross	Adopted 2001
Diomedea exulans	Wandering Albatross	Adopted 2005
Macronectes giganteus	Southern Giant-Petrel	Adopted 2005
Anthochaera phrygia	Regent Honeyeater	Adopted 2000 under review
Potorous longipes	Long-footed Potoroo	Adopted 2001 under review
Lathamus discolor	Swift Parrot	Adopted 2002 under review
Prasophyllum frenchii	Maroon Leek-orchid	Adopted 2004 under review
Pseudomys fumeus	Smoky Mouse	Adopted March 2009

National Threat Abatement Plans are under review for *Predation by feral cats, Predation by the European red fox, Competition and land degradation by rabbits* and *Disease caused by the root-rot fungus* (Phytophthora cinnamomi) (Table 3). Feral cat and red fox predation on wildlife are FFG Act listed potentially threatening processes with approved Action Statements. The spread of *Phytophthora cinnamomi* into parks and reserves is also an FFG Act listed potentially threatening process, and an Action Statement is in preparation.

Table 3: Threatening processes listed under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) and the *Flora and Fauna Guarantee Act 1988* (Vic), extending beyond Victoria relevant to all RFA regions, for which national Threat Abatement Plans have been adopted (as at 30 June 2009).

Threatening process	Progress	
Competition and land degradation by rabbits	Revised threat abatement plan	
	published 2008.	
Predation by the European red fox	Revised threat abatement plan	
	published 2008.	
Predation by feral cats	Revised threat abatement plan	
	published 2008.	
Disease caused by the root-rot fungus (Phytophthora	ra Revised threat abatement plan (2009)	
cinnamomi)	subject to disallowance motion;	
	outcome will be decided by end 2009.	
Infection of amphibians with chytrid fungus resulting in	Published in 2006.	
chytridiomycosis		

### **Central Highlands**

There are 23 species listed under both the EPBC and FFG Acts, which are found in the Central Highlands RFA region and which can also be found outside Victoria. Since the signing of the RFA, eight of these species have had Recovery Plans adopted (Table 4). All of these species have approved Action Statements. In addition, Recovery Plans for 15 species are in preparation, including the Spot-tailed Quoll, Curly Sedge and Alpine Tree-frog.

Table 4: Species listed under the *Environment Protection and Biodiversity Conservation Act* 1999 (Cwth) and the *Flora and Fauna Guarantee Act* 1988 (Vic), extending beyond Victoria and found in the Central Highlands RFA region, for which Recovery Plans have been adopted (as at 30 June 2009).

Scientific Name	Common Name	Recovery Plan Status
Lathamus discolor	Swift Parrot	Adopted 2002 under review
Xerochrysum palustre	Swamp Everlasting	Adopted 2004
Xanthomyza phrygia	Regent Honeyeater	Adopted 2000 under review
Caladenia rosella	Little Pink Spider-orchid	Adopted 2001 under review
Litoria spenceri	Spotted Tree Frog	Adopted 2001 under review
Delma impar	Striped Legless Lizard	Adopted 2002 under review
Caladenia concolor	Crimson Spider-orchid	Adopted 2004 under review
Pseudomys fumeus	Smoky Mouse	Adopted March 2009

### **North East**

There are 10 species listed under both the EPBC and FFG Acts, which are found in the North East RFA region and which can also be found outside Victoria, that have had Recovery Plans adopted since the RFA signing (Table 5). All of these species have approved Action Statements.

Table 5: Species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) and the *Flora and Fauna Guarantee Act 1988* (Vic), found in the North East RFA region and outside Victoria, for which Recovery Plans have been adopted (as at 30 June 2009).

Scientific Name	Common Name	Recovery Plan Progress
Thalassarche cauta	Shy Albatross	Adopted 2001
Kelleria laxa	Kelleria	Adopted 2007
Anthochaera phrygia	Regent Honeyeater	Adopted 2000 under review
Delma impar	Striped Legless Lizard	Adopted 2000 under review
Litoria spenceri	Spotted Tree Frog	Adopted 2001 under review
Potorous longipes	Long-footed Potoroo	Adopted 2001 under review
Lathamus discolor	Swift Parrot	Adopted 2002 under review
Caladenia concolor	Crimson Spider-orchid	Adopted 2004 under review
Diuris ochroma	Pale Golden Moths	Adopted 2004 under review
Pseudomys fumeus	Smoky Mouse	Adopted March 2009

Thirteen dual-listed species which are not endemic to Victoria have Recovery Plans in preparation, including the Mountain Pygmy Possum and Spot-tailed Quoll. Most of these species also have Action Statements in preparation.

### **West Victoria**

There are 22 species listed under both the EPBC and FFG Acts, which are found in the West Victoria RFA region and which can also be found outside Victoria, that have had Recovery Plans adopted since the RFA signing (Table 6). All of these species have approved Action Statements. One additional EPBC Act listed species, the Rigid Spider-orchid, is not currently listed under the FFG Act, but it has an approved Action Statement and Recovery Plan.

Table 6: Species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) and the *Flora and Fauna Guarantee Act 1988* (Vic), extending beyond Victoria and found in the West Victoria RFA region, for which Recovery Plans have been adopted (as at 30 June 2009).

Scientific Name	Common Name	Recovery Plan Progress
Diomedea epomophora	Royal Albatross	Adopted 2001
Phoebetria fusca	Sooty Albatross	Adopted 2001
Thalassarche bulleri	Buller's Albatross	Adopted 2001
Thalassarche cauta	Shy Albatross	Adopted 2001
Thalassarche chlororhynchos	Yellow-nosed Albatross	Adopted 2001
Thalassarche chrysostoma	Grey-headed Albatross	Adopted 2001
Xerochrysum palustre	Swamp Everlasting	Adopted 2004
Diomedea exulans	Wandering Albatross	Adopted 2005
Macronectes giganteus	Southern Giant-Petrel	Adopted 2005
Macronectes halli	Northern Giant-Petrel	Adopted 2005
Calyptorhynchus banksi	Red-tailed Black-Cockatoo	Adopted 2007
Cassinia rugata	Wrinkled Cassinia	Adopted 2007
Neophema chrysogaster	Orange-bellied Parrot	Adopted 2007
Anthochaera phrygia	Regent Honeyeater	Adopted 2000 under review
Delma impar	Striped Legless Lizard	Adopted 2000 under review
Caladenia formosa	Elegant Spider-orchid	Adopted 2001 under review
Caladenia tensa *	Rigid Spider-orchid *	Adopted 2001 under review
Leipoa ocellata	Malleefowl	Adopted 2001 under review
Perameles gunnii	Eastern Barred Bandicoot	Adopted 2001 under review
Lathamus discolor	Swift Parrot	Adopted 2002 under review
Prasophyllum frenchii	Maroon Leek-orchid	Adopted 2004 under review
Thelymitra epipactoides	Metallic Sun-orchid	Adopted 2004 under review
Pseudomys fumeus	Smoky Mouse	Adopted March 2009

<sup>\*</sup> Despite not being FFG-listed at present, this species is included in the multi-species orchid Action Statement and Recovery Plan currently under review.

Nineteen dual-listed species which are not endemic to Victoria also have Recovery Plans in preparation, including the Western Whipbird and the Spot-tailed Quoll. Most of these species also have Action Statements approved or in preparation.

### **Gippsland**

There are 11 species listed under both the EPBC and FFG Acts, which are found in the Gippsland RFA region and which can also be found outside Victoria, that have had Recovery Plans adopted since the RFA signing (Table 7). All of these species have approved Action Statements.

Table 7: Species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (Cwth) and the *Flora and Fauna Guarantee Act 1988* (Vic), extending beyond Victoria and found in the Gippsland RFA region, for which Recovery Plans have been adopted (as at 30 June 2009).

Scientific Name	Common Name	Recovery Plan Status
Thalassarche cauta	Shy Albatross	Adopted 2001
Xerochrysum palustre	Swamp Everlasting	Adopted 2004
Neophema chrysogaster	Orange-bellied Parrot	Adopted 2007
Anthochaera phrygia	Regent Honeyeater	Adopted 2000 under review
Litoria spenceri	Spotted Tree Frog	Adopted 2001 under review
Potorous longipes	Long-footed Potoroo	Adopted 2001 under review
Lathamus discolor	Swift Parrot	Adopted 2002 under review
Diuris ochroma	Pale Golden Moths	Adopted 2004 under review
Prasophyllum frenchii	Maroon Leek-orchid	Adopted 2004 under review
Thelymitra epipactoides	Metallic Sun-orchid	Adopted 2004 under review
Pseudomys fumeus	Smoky Mouse	Adopted March 2009

Nineteen dual-listed species which are not endemic to Victoria also have Recovery Plans in preparation, such as the Long-nosed Potoroo and Superb Parrot. Most of these species also have Action Statements approved or in preparation.

Milestone	Clause numbers
Parties will continue to consult on the priorities for listing threatened	EG - 45
species, ecological communities and threatening processes, and the	CH - 57
preparation of Action Statements and Recovery Plans, recognising that	NE - 57
priorities can change in the light of new information. Currently agreed	W - 58
priorities and commitments for the next five years are outlined in the	G - 58
RFA Attachment.	

This milestone was achieved during the review period.

The EPBC Act no longer requires a recovery plan for each listed threatened species or ecological community. All threatened species and ecological communities that had a recovery plan in preparation prior to the amendments will continue to have the plan finalised unless the relevant Australian Government Minister decides not to have a recovery plan.

All EPBC Act listed threatened species and ecological communities identified by the RFA are continuing to have recovery plans finalised, with the exception of Littlejohn's Tree Frog *Litoria littlejohni* as this species did not have a plan in preparation at the time of the amendments. This species now has an approved conservation advice in place.

Progress on recovery plans being developed by Victoria during the Periods 1 and 2 is discussed below and in Appendix 3. Any delays reported are primarily a consequence of resourcing issues, the time taken for formal endorsement of plans, and in some cases a lack of available expertise or baseline data.

Victoria and the Commonwealth continue to consult on the listing of threatened species and ecological communities on national lists. Information on progress with implementation of each of the priorities identified in the RFA Attachments is provided in Appendix 3.

Obligation	Clause numbers
Parties reaffirm their commitment that species in the RFA region for	CH - 58
which Recovery Plans or Action Statements have already been prepared	NE - 58
will have all recommended actions completed or significantly advanced	W - 59
in accordance with the timelines specified in the Recovery Plans or	G - 59
Action Statements.	

This ongoing commitment was met during Periods 1 and 2.

The Actions for Biodiversity Conservation (ABC) database follows the progress of intended management actions which are outlined in Action Statements or which are added as priorities change. The following reports represent the current progress of actions that have been recommended for the species or item in each of its prioritised locations in Victoria.

#### **Central Highlands**

Twenty-three Action Statements were approved prior to the Central Highlands RFA signing in 1998, for species or potentially threatening processes in the region. Over half the species or threatening processes had an extensive proportion of recommended actions completed or in progress (>75 per cent). A medium level of progress (between 50 & 75 per cent) had been made for six species. Partial progress (between 25 & 50 per cent) had been met for the Grasslands Earless Dragon, and only one species had less than 25 per cent of actions completed.

#### **North East**

Twenty-six Action Statements were approved prior to or during the North East RFA signing in 1999, for species or potentially threatening processes in the region. All of the threatened species in the North East RFA region with Action Statements at the time of the signing had at least half of their recommended actions either completed or in progress. Seventeen species or threatening processes had an extensive proportion of recommended actions completed or in progress (>75 per cent). A medium level of progress (between 50 & 75 per cent) had been made for nine species.

# **West Victoria**

Forty-four Action Statements were approved prior to the West Victoria RFA signing in 2000, for species or potentially threatening processes in the region. Twenty-three species or threatening processes in the West Victoria RFA region had an extensive proportion of recommended actions completed or in progress (>75 per cent). A medium level of progress (between 50 & 75 per cent) had been made for 19 species, and only two species had less than 50 per cent of current recommendations completed or in progress.

#### **Gippsland**

Twenty-six Action Statements were approved prior to the Gippsland RFA signing in 2000, for species or potentially threatening processes in the region. Over half the species or threatening processes had an extensive proportion of recommended actions completed or in progress (>75 per cent). A medium level of progress (between 50 & 75 per cent) had been made for 11 species. Partial progress (between 25 & 50 per cent) had been made for the Marble Daisy-bush.

Milestone	Clause numbers
Parties agree that within five years pest plant and pest animal control	EG - 46
programs will be developed in accordance with the relevant Forest	CH - 59
Management Plan.	NE - 59
Milestone	Clause numbers
Parties agree that within five years pest plant and pest animal control	W - 60
programs will be developed within the framework established by the	G - 60
relevant Catchment Management Authority.	

These milestones were met during Periods 1 and 2.

There are no outstanding pest plant and pest animal control programs requiring completion.

#### Victorian Pest Management – A Framework for Action

In June 2002, Victoria released *Victorian Pest Management – A Framework for Action* (NRE 2002b), which provided strategic direction for the management of declared and potential pests across the state. During the development of the framework, specific management strategies were developed for weeds, rabbits, wild dogs, foxes, feral pigs and feral goats.

Victoria also allocated resources for the pest management component of the recovery programs in the Victorian Alps following the 2003 and 2006-07 fires, and continued implementation of the Good Neighbour program in all RFA regions. The Good Neighbour program invests in cooperative pest management programs on the freehold/public land boundary.

In addition, the then Victorian Government allocated \$14 million to the four-year *Weeds and Pests on Public Land Initiative 2003–07* to undertake major weed and pest animal control programs in National parks, State forest and other public land in Victoria. This initiative delivered on many of the objectives of the framework. On-ground projects included the large scale 'Ark' fox control projects in Gippsland and Glenelg, fox and broom control in the Alps, weed management in the Otways, controlling Blackberry in partnership with the community and rabbit control in the Mallee. *Guidelines and Procedures for Managing the Environmental Impacts of Weeds on Public Land in Victoria 2007* (DSE 2007c) were also prepared. In May 2007 the then Victorian Government announced a \$30.1 million, four-year investment that includes a \$4 million boost for new programs to prevent new weeds and \$26 million to build on its previous initiatives. Of this, \$9.58 million was directed towards programs on public land.

In 2000, each of the relevant Catchment Management Authorities (CMAs) developed regional plans for weeds and rabbits, and in 2004 regional plans for wild dogs. The strategic directions articulated in these plans have been mostly implemented. Under the *Weeds and Pests Initiative* (2007-2011) CMAs were funded to update their weed and rabbit plans into comprehensive Regional Pest Strategies that would cover a wider range of pests and weeds.

#### **Invasive Plants and Animals Policy Framework**

The Victorian Government is applying a new approach to protecting key natural assets on public land from invasive plants and animals. The *Invasive Plants and Animals Policy Framework* follows *Victorian Pest Management – A Framework for Action (2002)* and is aligned with the *Biosecurity Strategy for Victoria (2009)*. The new policy aims to prevent the entry of new high risk invasive plants and animals, eradicate those that are at an early stage of establishment, contain (where possible) species that are beyond eradication, and take an asset-based approach to managing widespread invasive species. DSE and Parks Victoria are applying this new approach to protect key natural assets across the State. Further information regarding the policy can be found on the DSE website at: www.depi.vic.gov.au.

#### 5.9. Water

Obligation	Clause numbers
Parties agree that the provision of adequate flows of high quality	W - 61
surface water and maintenance of groundwater processes is a	G - 61
fundamental goal of forest management and note that a range of	
measures (in the RFA Attachment) have been implemented through the	
Victorian Forest Management System to address the issues associated	
with water supply, water quality and groundwater processes in forests.	
As part of the Forest Management System, Victoria proposes to conduct	
hydrological research on the impacts of timber harvesting on water	
quality and yield.	
Obligation	Clause number
Victoria will develop a project brief for this research which will include	W - 61
the Otway Ranges, in consultation with industry and community	
stakeholders, by 30 June 2000.	

These obligations were met during Period 1.

In December 2000, the findings of research undertaken in the Otway forests investigating the impacts of timber harvesting on water quality and yield was published. The report *Otway Forest Hydrology Project: Impact of Logging Practices on Water Yield and Quality in the Otway Forests* (NRE 2000), prepared by Sinclair Knight Merz Pty Ltd.

DSE undertook a Harvesting in Catchments project in the Central Highlands RFA region to implement the commitments set out in Action 2.21 of *Securing Our Water Future Together* (DSE 2004b) during the review period. Hydrological studies were undertaken as part of this project to inform the development of management options and an assessment of the relative impacts of various harvesting options on water yield and timber supply, within Melbourne's catchments.

#### 5.10. The CAR reserve system

Milestone and Obligation	Clause numbers
Victoria agrees to implement the CAR reserve system, including the	EG - 49
required public land tenure changes, described in the Attachment and	CH - 62
identified on the RFA Maps.	NE - 62
	W - 64
	G - 64

This milestone and obligation was achieved, with the majority of required changes made in Period 1 and the remainder in Period 2.

All of the public land tenure changes identified in the Victorian RFAs have been implemented. The Informal Reserves identified in the RFAs were effective on signing of the RFAs.

Further information is provided in Appendix 2 of this report.

Obligation	Clause numbers
Parties agree that changes to that component of the CAR reserve	EG - 50
system in State forest will only occur in accordance with this Agreement,	CH - 63
will not lead to a net deterioration in the protection of identified CAR	NE - 63
values, and will be publicly available.	W - 65
	G - 65

# i) Changes to that component of the CAR reserve system in State forest will only occur in accordance with this Agreement

This ongoing commitment was met during Periods 1 and 2, except in the North East and West Victoria RFA regions where changes to that component of the CAR reserve system in State forest were made which were not in accordance with the RFAs.

In each RFA region, changes to the CAR reserve system in State forest were made throughout the review period in response to new information. Proposed changes were assessed against the management guidelines for amending forest zoning schemes provided in the RFAs.

The then Victorian Government also implemented additions to the 'Dedicated Reserves' component of the CAR reserve system in the North East and West Victoria RFA regions which were not in accordance with the RFAs. In the North East RFA region, additions of State forest to the national park and conservation reserve system were made based on the recommendations of the Box-Ironbark Forests and Woodlands Investigation by the ECC in 2001, and in the West Victoria RFA region based on the recommendations of the Angahook-Otway Investigation by VEAC in 2004. These additions did not lead to a net deterioration in the protection of identified CAR values.

The dedicated (or formal) conservation reserve system is complemented by the forest management zoning scheme in State forest. Forest management zoning is a key element of the management of State forests, creating an informal reserve system that works as a complement to the formal conservation reserve system (such as national parks) in protecting habitats and vegetation types while allowing timber harvesting, firewood collection and other activities in other areas. While the formal conservation reserve system is relatively stable, the informal reserve system relies on a more adaptive management approach, having flexible boundaries that can change over time to reflect new information and forest dynamics.

The Parties agree that future changes to informal reserves will only occur in accordance with the Victorian RFAs and will not lead to a net deterioration in the protection of identified CAR values.

#### **West Victoria RFA**

During Period 2, the then Victorian Government passed legislation creating the Great Otway National Park. The creation of the National Park was not in accordance with the West Victoria RFA, this was acknowledged by the then Premier of Victoria in the Victorian Parliament on 5 October 2004. This change to that component of the CAR reserve system in State forest was not in accordance with the West Victoria RFA, but did not lead to a net deterioration in the protection of identified CAR values. The Cobboboonee National Park and Forest Park (previously the Cobboboonee State forest) in the West Victoria RFA region was also created during Period 2, again these changes did not lead to a net deterioration in the protection of identified CAR values.

#### **East Gippsland RFA**

The then Victorian Government also committed to additions to the conservation reserve system in the East Gippsland RFA region during Period 2 through their 2006 *Victoria's National Parks and Biodiversity* election policy. The implementation of this policy (through the *Parks and Crown Land Legislation Amendment (East Gippsland) Act 2009*) added over 45 000 hectares of State forest to the conservation reserve system in East Gippsland. This addition changed the component of the CAR reserve system in State forest in the East Gippsland RFA region, but did not lead to a net deterioration in the protection of identified CAR values.

ii) Changes to that component of the CAR reserve system in State forest will not lead to a net deterioration in the protection of identified CAR values, and will be publicly available

It is not possible to assess whether this commitment was met during Periods 1 and 2.

It is not possible to compare the current level of protection of EVC and old-growth forest values in each RFA region with the level of protection in place when the RFAs were signed, as improvements in knowledge and technology over the review period mean that the inputs (pre-1750 and current typology and extent of EVCs, and modelled old-growth estimates) have changed. Tables 12-16 and 17-21 in Appendix 2 document the current levels of protection of EVCs and old-growth in the CAR reserve system, respectively.

#### Conservation of biodiversity in the CAR reserve system

Section 6.1.2(1) of the Nationally Agreed Criteria for the Establishment of a Comprehensive, Adequate and Representative Reserve System for Forests in Australia (JANIS 1997) states that as a general criterion, 15 per cent of the pre-1750 distribution of each forest ecosystem (i.e. EVC) should be protected in the CAR reserve system with flexibility considerations applied according to regional circumstances. Reductions in the 15 per cent criterion may also be appropriate on a case by case basis where biodiversity conservation objectives can be demonstrated to be met with a lesser area, or where a forest ecosystem is subject to low intensity resource use and has demonstrated resilience and stability. In each RFA region except East Gippsland, there are EVC/Bioregions which were present pre-1750 and for which the total current extent is less than 15 per cent (Table 8). Even 100 per cent protection of 15 per cent of the pre-1750 distribution. Table 8 also illustrates that in each RFA region there are EVC/Bioregions for which the total current extent exceed 15 per cent of the pre-1750 distribution, and for which the level of representation in the CAR reserve system is less than 15 per cent. Detailed information is provided in Tables 12-16.

Table 8: Representation of pre-1750 EVC/Bioregions of each RFA region in the CAR reserve system (as at 30 June 2009).

RFA region	Number of pre-1750 EVC/Bioregions currently present in the RFA region	Number of pre-1750 EVC/Bioregions for which total current extent in RFA region is <15%	Number of pre-1750 EVC/Bioregions for which total current extent in RFA region is ≥15% and which have <15% representation in the CAR reserve system
East Gippsland	126	0	13
Central Highlands	144	14	66
North East	194	13	91
Gippsland	331	24	87
West Victoria	808	76	305

Sections 6.1.2(2) and (3) of the Nationally Agreed Criteria for the Establishment of a Comprehensive, Adequate and Representative Reserve System for Forests in Australia state that where forest ecosystems are recognised as vulnerable then at least 60 per cent of their remaining extent should be reserved. All remaining occurrences of rare and endangered forest ecosystems should be reserved or protected by other means as far as is practicable. Table 9 shows the number of EVC/Bioregions in each RFA Region that are Endangered, Rare and Vulnerable, and the number of EVC/Bioregions with each of these statuses for which the level of representation in the CAR reserve system is less than that required under the nationally agreed criteria. Detailed information is provided in Tables 12-16.

Table 9: Representation of Endangered, Rare and Vulnerable EVC/Bioregions of each RFA region in the CAR reserve system (as at 30 June 2009).

RFA region	Status	Number of EVC/Bioregions with this status	Level of protection in the CAR reserve system required under the nationally agreed criteria	Number of EVC/Bioregions with this status which have less than the required level of representation in the CAR reserve system
East Gippsland	E - Endangered	7	100%	1
	R - Rare	22	100%	8
	V - Vulnerable	15	60%	7
Central Highlands	E - Endangered	49	100%	49
	R - Rare	9	100%	5
	V - Vulnerable	27	60%	26
North East	E - Endangered	70	100%	67
	R - Rare	13	100%	8
	V - Vulnerable	45	60%	34
Gippsland	E - Endangered	315	100%	302
	R - Rare	10	100%	5
	V - Vulnerable	202	60%	146
West Victoria	E - Endangered	80	100%	71
	R - Rare	48	100%	25
	V - Vulnerable	55	60%	34

Forest ecosystems occurring on private land can only be included in the CAR reserve system with the consent of the land owner. Where a large proportion of an EVC occurs on private land and consent is not obtained, representation of the EVC in the CAR reserve system will be below that specified in the nationally agreed criteria.

Representation of EVCs in the CAR reserve system will also be below that specified in the nationally agreed criteria where the EVC is relatively dispersed across the RFA region. To protect relatively dispersed EVCs, it would be necessary to include a considerable area of already well-represented EVCs in the CAR reserve system in order to achieve comparatively small gains in protection. This would have resource availability implications. The protection of small isolated areas of EVCs also presents operational and management issues, particularly the delineation of identifiable reserve boundaries in the field.

#### Conservation of old-growth forest in the CAR reserve system

Sections 6.2.2(1) of the Nationally Agreed Criteria for the Establishment of a Comprehensive, Adequate and Representative Reserve System for Forests in Australia state that where oldgrowth forest is rare or depleted (generally less than 10 per cent of the extant distribution) within a forest ecosystem, all viable examples should be protected, wherever possible. Sections 6.2.2(2) states that for other forest ecosystems, 60 per cent of the old-growth forest identified at the time of assessment would be protected, consistent with a flexible approach where appropriate, increasing the levels of protection necessary to achieve the following objectives:

- the representation of old-growth forest across the geographic range of the forest ecosystem;
- the protection of high-quality habitat for species identified under the biodiversity criterion;
- appropriate reserve design;
- protection of the largest and least fragmented areas of old-growth;
- specific community needs for recreation and tourism.

Table 10 lists the number of EVCs in each RFA Region in which old-growth forest is rare or depleted, and the number of these EVCs for which the level of old-growth forest representation in the CAR reserve system is less than 100 per cent. Table 10 also lists the number of EVCs in each RFA Region in which old-growth forest is neither rare nor depleted, and the number of these EVCs for which the level of old-growth forest representation in the CAR reserve system is less than 60 per cent. Detailed information is provided in Tables 17-21.

Table 10: Representation of old-growth in the CAR reserve system for each RFA region (as at 30 June 2009).

RFA region	Number of EVCs in which old-growth forest is rare or depleted (<10% of the current extent)	Number of EVCs in which old- growth forest is rare or depleted and for which old-growth representation in the CAR reserve system is <100%	Number of EVCs which contain ≥10% old-growth forest	Number of EVCs which contain ≥10% old-growth and for which old-growth forest representation in the CAR reserve system is <60%
East Gippsland	8	0	11	6
Central Highlands	3	0	5	1
North East	6	1	8	4
Gippsland	9	0	21	16
West Victoria	16	0	25	5

Forest ecosystems occurring on private land can only be included in the CAR reserve system with the consent of the land owner. Where a large proportion of the old-growth forest component of an EVC occurs on private land and consent is not obtained, representation of the old-growth forest component of an EVC in the CAR reserve system will be below that specified in the nationally agreed criteria.

Representation of the old-growth forest component of an EVC in the CAR reserve system will also be below that specified in the nationally agreed criteria where the old-growth forest is relatively dispersed across the RFA region. To protect relatively dispersed old-growth forest, it would be necessary to include a considerable area of already well-represented non-old-growth forest in the CAR reserve system in order to achieve comparatively small gains in protection, which would have resource availability implications. The protection of small isolated areas of old-growth forest also presents operational and management issues, particularly the identification of old-growth forest and the delineation of identifiable reserve boundaries in the field.

Obligation	Clause number
Parties agree that best endeavours will be used to maintain the levels of	CH - 64
protection of national estate values in a regional context; however,	NE - 64
minor changes to the levels of protection of individual values may occur	W - 66
as a result of changes to the CAR reserve system in State forest.	G - 66

This commitment has been overtaken by events.

The means of protecting National Estate values has changed since the RFAs were signed. Refer to clause numbers EG - 12, CH - 21, NE - 21, W - 21 and G - 21 in Section 5.1. National Estate values identified under the RFA process will be protected under these new arrangements.

# Milestone Victoria agrees to produce and publish by June 1997 an amendment to the East Gippsland Forest Management Area Plan that describes the changes to management zones and protection levels to different values brought about by this Agreement. In addition the amendment will: • explain the role of the JANIS Reserve Criteria in attaining a CAR reserve system; and • amend the 'Guidelines for Reviewing Management Strategies and Zones' on page 79 of the Forest Management Area Plan as described in Box 1 in Attachment 5.

This milestone was achieved during Period 1.

In August 1997, Victoria published the *East Gippsland forest management plan amendment:* amendments subsequent to the East Gippsland RFA, 1997 (NRE 1997a).

Milestone	Clause number
Victoria agrees to produce and publish by 30 June 1998 the Central	CH - 65
Highlands Forest Management Plan that reflects the outcomes of this	
Agreement.	

This milestone was achieved during Period 1.

In May 1998, Victoria published the *Forest Management Plan for the Central Highlands* (NRE 1998).

Milestone	Clause number
Victoria agrees to produce and publish by 30 June 2000 the North East	NE - 65
Forest Management Plan that reflects the outcomes of this Agreement.	

This milestone was achieved during Period 1.

Following the release of the proposed forest management plan for public comment in April 1999, the *Forest Management Plan for the North East* (NRE 2001a) was published in January 2001.

Milestone	Clause number
Victoria agrees to:	W – 67
(a) produce and publish a Forest Management Plan for the	W – Attachment 9
Portland and Horsham FMAs by 30 June 2002; and	
(b) review and where appropriate update forest management	
plans for the Midlands and Otway FMAs by 2005.	
to reflect the outcomes of this Agreement. The RFA Attachment	
provides further details on the Forest Management Plan process and	
other relevant forest management issues.	

This milestone was not achieved.

The Portland and Horsham Forests – Proposed Forest Management Plan (DSE 2005a) was released for public comment in December 2005. The Portland and Horsham forests: Forest

Management Plan 2010 (DSE 2011) was approved by the Secretary on 26 November 2010 and was officially released on 7 April 2011.

The review of the Forest Management Plan for the Otway Forest Management Area was deferred while the review of land-use undertaken by VEAC as part of the Angahook-Otway Investigation was underway through to 2004. The then Victorian Government adopted the majority of VEAC's recommendations in the Angahook-Otway Investigation Final Report (VEAC 2004). VEAC's recommendations led to the creation of the Great Otway National Park and Otway Forest Park, and the preparation of the management plan for these parks being prepared as part of a single coordinated process that replaced the review of the Otway FMA forest management plan due to the tenure changes. The draft management plan for the Great Otway National Park and Otway Forest Park was released for public comment in March 2008. The plan was completed and released in December 2009 and is available on the Parks Victoria website at: www.parkweb.vic.gov.au.

Review of the Forest Management Plan for the Midlands Forest Management Area was not undertaken during the review period. Management planning has focussed on the preparation of plans for all forests in the State within the RFA regions and the box-ironbark and riverine forests outside of the RFA regions. Review of the Midlands FMA forest management plan is not currently scheduled.

The Victorian Government is currently developing a new management planning framework for Victoria's forests and parks. Key objectives of the proposed new framework are to:

- provide greater clarity around government policy and priorities;
- meaningfully involve the community in land management;
- increase integration of management activities and long-term strategic outcomes;
- increase accountability for financial expenditure, management effectiveness and estate outcomes; and
- support adaptive management and continuous improvement in public land management.

This project supersedes the review of forest management planning and will be implemented in 2013 and 2014.

Milestone	Clause number
Victoria agrees to produce and publish by 31 December 2001 the	G – 67
Gippsland Forest Management Plan that reflects the outcomes of this	G – Attachment 9
Agreement. Attachment 9 provides further details on the Forest	
Management Plan process and other relevant forest management	
issues.	

This milestone was achieved during Period 1.

Following the release of the proposed forest management plan for public comment in August 2001, the *Forest Management Plan for Gippsland* (DSE 2004a) was published in June 2004. The *Forest Management Plan for Gippsland* reflects the outcomes of the Gippsland RFA and the issues identified in Attachment 9 of the RFA were taken into account when developing the plan.

# 5.11. Industry development

Obligation	Clause numbers
The Parties agree that State Forest outside the CAR reserve system is	CH - 67
available for timber harvesting in accordance with the Victorian Forest	NE - 66
Management System.	W - 68
	G - 68
Obligation	Clause numbers
Victoria also confirms that the Sustainable Yield for forests for the RFA	EG - 23
region will continue to be based on areas available for timber harvesting	CH - 67
outside the CAR reserve system.	NE - 66
	W - 68
	G - 68

These ongoing commitments were met during Periods 1 and 2.

As outlined above, since the signing of the RFAs there have been some changes to the CAR reserve system in Victoria. Those areas of State forest which remained outside the CAR reserve system were available for timber production.

Our Forests, Our Future reformed the process for setting sustainable timber harvesting levels in Victoria. Allocation of timber to VicForests has shifted from being volume-based (sustainable yields) to area-based (the area of forest which may be sustainably harvested).

The Victorian Government allocates timber to VicForests for commercial harvest and/or sale through the Allocation Order, which provides a description of the forest stands to which VicForests has access, and the extent and location of these stands. The Allocation Order also describes the area of forest available for VicForests to harvest and/or sell timber products from in each of three, five-year periods. It is VicForests responsibility to determine the volume of timber that can be yielded from allocated stands, and maximise commercial return.

Despite the transition from volume-based to area-based allocation of timber resources, the allocation continues to be based on the areas of forest available for harvesting outside of the CAR reserve system.

Obligation	Clause numbers
Parties agree that any changes to the area of State forest will not lead to	CH - 68
a net deterioration in the timber production capacity of those areas	NE - 67
available for harvesting in terms of volume, species and quality.	W - 69
	G - 69

This ongoing commitment was met in all RFA regions except the North East and West Victoria RFA regions.

Changes have been made to the area of State forest in Victoria since the RFAs were signed. The then Victorian Government made additions to the 'Dedicated Reserves' component of the CAR reserve system in the North East and West Victoria RFA regions which were not in accordance with the RFAs. In the North East RFA region, additions of State forest to the national park and conservation reserve system followed the Box-Ironbark Forests and Woodlands Investigation by the ECC, and in the West Victoria RFA region the Angahook-

Otway Investigation by VEAC. Many of the areas added to the Dedicated Reserves category of the CAR reserve system were existing Informal Reserves (i.e. Special Protection Zones).

#### **West Victoria**

In the West Victoria RFA region, the then Victorian Government expanded the CAR reserve system by converting the Otway State Forest to the Great Otway National Park and Forest Park. This tenure change resulted in sawlog and pulpwood harvesting in the Otways being phased out by June 2008. The Great Otway National Park and Forest Park were created in recognition of the considerable biodiversity value of these forests, and the substantial area of hardwood plantation that would become available over the next decade and potentially provide a viable long-term alternative supply of timber to the native forest. The then Victorian Government worked closely with (and provided transitional assistance to) the timber industry and local community during the phase-out of timber harvesting in the Otways. Further information on this transition is outlined below.

In 2008, the Cobboboonee National Park and Forest Park were established in the West Victoria RFA region, replacing the former Cobboboonee State Forest. Timber harvesting did not occur within the Cobboboonee State Forest after 2002 when the licence for timber harvesting in the forest was voluntarily surrendered under *Our Forests, Our Future*.

Creation of the Great Otway National Park and Forest Park and Cobboboonee National Park and Forest Park led to a net deterioration in the timber production capacity of those areas available for harvesting in terms of volume, species and quality in the West Victoria RFA region.

#### **East Gippsland**

In its 2006 Victoria's National Parks and Biodiversity election policy, the then Victorian Government committed to add at least 41 000 hectares of State forest to the conservation reserve system in East Gippsland without any net job losses or reduction in available timber resources. On 20 August 2010, the Parks and Crown Land Legislation Amendment (East Gippsland) Act 2009 added more than 45 000 hectares to the parks and reserves system in East Gippsland by expanding the Croajingolong, Errinundra and Snowy River national parks and creating the Tara Range Park and twelve new or expanded nature conservation reserves.

The new and expanded national park and conservation reserve system in East Gippsland will enhance the protection of biodiversity and old-growth values in the RFA region, whilst ensuring the sustainable development of the timber industry. The then Victorian Government committed to achieve this addition to the reserve system without any net job losses or reduction in available timber resources. As such, this tenure change will not lead to a net deterioration in the timber production capacity of those areas available for harvesting.

As outlined previously, changes to forest management zoning within Victoria's State forests have and will continue to be implemented to ensure continual improvement in forest management toward sustainability objectives is achieved in Victoria. Changes to State forest zoning, and therefore the areas of forest available for timber production, will continue to be made in accordance with RFA commitments.

#### **Obligation**

Parties will facilitate industry development through enhanced resource certainty, recognising that a purpose of this Agreement is to provide long term stability of forests and forest industries. The Commonwealth will facilitate industry development by not preventing enterprises obtaining, using or exporting timber, woodchips or unprocessed wood products sourced from the East Gippsland region. In addition, Parties will encourage:

# **Clause numbers**

EG - 53

- introduction of new technology;
- value adding;
- utilisation of regrowth timber for sawn products;
- thinning of regrowth forests; and
- extraction of residual wood.

#### Clause numbers

CH - 69 NE - 68

W - 70

G - 70

# **Obligation**

The Parties acknowledge that the forest-based industries in the RFA region make a significant contribution to both the regional and State economies and are an essential component of many communities in the region. The Parties intend that this Agreement will enhance opportunities for further growth and development of forest-based industries in the RFA region and provide long term stability for these industries. The Parties therefore acknowledge that this Agreement must provide enhanced security of access to resources on forested land for the life of the Agreement. This, in turn will facilitate industry development through:

- new investment, plantation development, reforestation, downstream processing, value-adding and jobs growth in forestsbased industries;
- further introduction of new technology, enhanced utilisation of regrowth timber for sawn products, thinning of regrowth forests and more efficient utilisation of residual wood;
- investment in mineral exploration and mining; and
- tourism and recreation investment.

These ongoing commitments were met during Periods 1 and 2.

The Parties reaffirm their acknowledgement of the significant contribution of forest-based industries in the RFA regions to both regional and State economies, and that these industries are an essential component of many communities in the RFA regions.

Growth and development of forest-based industries in Victoria occurred during Period 1 and Period 2. Increases in the productivity of Victoria's timber industry were achieved through increasing levels of investment, the adoption of new technologies, and increases in the capacity and competitiveness of processing and value-adding sectors. To remain competitive the industry has also been pursuing higher value markets by moving away from green timber towards dried and engineered wood products.

Since the mid 1990s there has been significant investment in Victoria's forestry and forest products industry. An *Analysis of the Victorian forestry and forest products industry* (URS Forestry 2007) undertaken by URS Forestry for the Victorian Department of Primary Industries (DPI), identified the key factors contributing to the increased level of investment as being: 1) the expansion of the softwood processing sector as the volume of softwood

plantation resources available for harvest increased; 2) an expansion of value adding investment and restructuring in the hardwood sawmilling sector; and 3) significant trade in forestry and forest products processing assets.

Major investments in Victoria since the mid-1990s include:

- the upgrade of the Maryvale pulp and paper mill
- a new particleboard line installed in Benalla, and
- new sawmill investments and upgrades in Lara, Colac, Morwell, Dartmoor, Benalla, and Dandenong.

The rapid establishment of hardwood pulpwood plantations has also generated large volumes of new investment, particularly in south west Victoria (URS Forestry 2007).

There was a decline in the availability of timber resources over Periods 1 and 2. This decline resulted from:

- a review of timber resource availability in 2001 which determined that harvesting levels at that time were above that which could be sustained in the long term
- landscape scale fires in 2003, 2006-07 and 2009 which burnt over 2 million hectares of eastern Victoria, significantly impacting the availability of timber resources into the future, and
- the phase out of timber harvesting in the Otway State Forest. The then Victorian Government determined that the objectives of the West Victoria RFA could be best met through a transition from the native forest timber industry in the region, to a plantation-based timber industry. The conversion of the Otway State Forest to the Great Otway National Park and Forest Park significantly reduced the availability of native forest timber resources in the West Victoria RFA region. The then Victorian Government supported the industry and affected communities during this transition.

Victoria's native hardwood processing industry has adapted to declining resource availability and increasing competition from softwood plantation products, by pursuing value-adding opportunities and embracing new specialty markets for its products. Between 2001 and 2006 it is estimated that the Victorian native hardwood processing industry invested over \$50 million in new processing equipment and technologies, including technologies required for the production of higher-value dried timber products. It is estimated that over 75 per cent all timber produced in Victoria is now (Period 2) dried to produce a high-value product, compared to 25 per cent 10-15 years ago (Period 1) (URS Forestry 2006; 2007).

VicForests was established on 28 October 2003 (Period 1) as a separate, fully commercial entity to manage the harvest and commercial sale of timber in the forests of eastern Victoria. VicForests commenced operations on 1 August 2004 and has established market-based approaches for timber sales, to enhance competition and efficiency in the utilisation of forest produce. URS Forestry (2007) noted that rising sawlog prices under the new market-based auction system resulted in structural adjustment within the native hardwood sector, including sawmill consolidation.

During Period 2 VicForests pursued forest certification in order to demonstrate timber harvesting and associated activities in Victoria's native forests are undertaken sustainably. Forest certification provides buyers with the certainty that the product they are buying comes from a legal and well-managed source, and assists industries to retain and expand on

existing international and domestic markets. VicForests Sustainable Forest Management System, which allows VicForests to measure their operational performance and outcomes, was certified under the AFCS in 2007 and VicForests maintained that certification for the remainder of Period 2. The AFCS is endorsed by the Programme for the Endorsement of Forest Certification schemes, which is the largest assessor of sustainable forest management world-wide. Certification under the AFCS involves certification against the AFS (AS 4708) which is an Australian Standard\* that incorporates the principles of sustainable forest management. Victoria's public native forest estate and most of Victoria's timber plantations are now managed under at least one of the two main third-party forest certification schemes operating within Australia: the AFS and Forest Stewardship Council certification schemes.

Despite declines in the availability of timber resources, adaptation measures of Victoria's timber industry including investment in value-added technologies, resulted in the value of output from Victoria's forestry and forest products industry remaining relatively steady at \$5-6 billion (in 2004-05 dollars) over Periods 1 and 2. In addition, employment in the forest product industries grew at an average of 2.5 per cent per annum over Periods 1 and 2.

In addition to funding initiatives to support the timber industry, Victoria invested in a variety of tourism and recreation initiatives in each of the RFA regions during Periods 1 and 2. In 2008 (Period 2), the then Victorian Government released the *Nature-Based Tourism Strategy 2008-2012* (Tourism Victoria 2008) which provides direction to guide the sustainable and prosperous growth of Victoria's nature-based tourism industry.

On 13 December 2011, the Victorian Government released the *Timber Industry Action Plan* (DPI 2011) which applies to all RFA regions. Building on the 2009 *Victoria's Timber Industry Strategy* (which was released by the then Victorian Government in December 2009), the *Timber Industry Action Plan* will assist industry to increase the economic value to Victoria from timber production and processing in a socially and environmentally sustainable manner. It will enable ongoing investment in a productive, competitive and sustainable timber industry that ensures Victorian forest industries continue to provide jobs and income for regional families and communities, as well as high quality forest products for future generations.

Key priorities within the *Timber Industry Action Plan* are:

- productive, competitive and sustainable timber industry;
- develop and support efficient timber markets;
- innovative forestry science, technology and practice change; and
- strong timber industry communities.

The Victorian RFAs are an important part of achieving the Victorian Government's policy. The Australian Government remains committed to the Victorian RFAs and the Victorian Government is committed to renewing the Victorian RFAs every five years to provide 20-year resource security.

Obligation	Clause numbers
As part of providing greater security of access to forest resources, the	CH - 70
Commonwealth will not prevent enterprises obtaining, using or	NE - 69
exporting timber, woodchips or unprocessed wood products sourced	W - 71
from the RFA region in accordance with this Agreement.	G - 71

This ongoing commitment was met during Periods 1 and 2.

The Export Control (Regional Forest Agreement) Regulations 1997 provided that, as the RFAs came into force, all export controls on woodchips and other processed wood from an RFA region (except product sourced from plantations) were lifted, thus removing controls in relation to application of the Export Control Act 1982 (Cwth).

Section 38 of the EPBC Act provides an exemption for forestry operations undertaken in accordance with an RFA from the prohibitory provisions and assessment and approval requirements which apply to other activities which may have a significant impact on matters of national environmental significance. In addition, an amending provision to the EPBC Act, which commenced on 19 February 2007, states that in deciding if approval is required for a proposed development the Australian Minister for the Environment must not consider any adverse impacts of any RFA forestry operations in making their decision.

Obligation	Clause number
The Parties acknowledge that this Agreement is expected to provide as	CH - 71
a minimum the current legislated sustainable yield of D+ sawlogs (415	
000 m <sup>3</sup> per annum) from the Dandenong, Central and Central Gippsland	
Forest Management Areas (FMAs) for the next twenty years, but	
recognise that sustainable yield levels in Victoria are subject to periodic	
review. Economic and social issues have been taken into account in	
providing a land base that is expected to deliver these yields.	
Sustainable yield levels in these FMAs will be reviewed when new	
resource information becomes available from the Statewide Forest	
Resource Inventory (SFRI) which should be completed by the end of	
1999. When the sustainable yield for these FMAs is confirmed following	
this review, Victoria agrees to supply the revised sustainable yield level	
from these FMAs to the industry, in accordance with the requirements	
of the Forests Act. However, the Parties note that Victoria is committed	
to supply, as a minimum, the current licensed volume of D+ sawlogs	
(345 000 m <sup>3</sup> per annum) for the next twenty years from these FMAs.	
Obligation	Clause number
The Parties acknowledge that this Agreement is expected to provide as	NE - 70
a minimum the current level of supply of D+ sawlogs (68 000 m <sup>3</sup> per	
annum) from the North East region (comprising the Benalla/Mansfield	
and Wangaratta FMAs and part of the Wodonga FMA) for the next	
twenty years, but recognise that timber supply levels in Victoria are	
subject to change based on periodic review of sustainable yield.	
Economic and social issues have been taken into account in providing a	
land base that is expected to deliver these yields. Sustainable yield	
levels in this region will be reviewed based on new resource information	
now available from the Statewide Forest Resource Inventory (SFRI).	
Victoria will make available to industry any additional timber volumes	
identified through periodic reviews, in accordance with relevant	
legislation.	
Obligation	Clause number
The Parties:	W - 72
(a) acknowledge that this Agreement is expected to provide 77 900	
m <sup>3</sup> per annum of D+ sawlogs from the West Victoria region	
comprising:	
(i) the Midlands FMA (40 000 m <sup>3</sup> per annum subject to Clause	
72(c)),	

- (ii) the Otway FMA (27 000 m<sup>3</sup> per annum),
- (iii) the Portland FMA (10 000 m<sup>3</sup> per annum) and
- (iv) the Horsham FMA (900 m<sup>3</sup> per annum)

but recognise that timber supply levels in Victoria are subject to change based on periodic review of Sustainable Yield and that Sustainable Yield estimates are based on the full extent of FMAs:

- (b) acknowledge that completion of SFRI will result in updated datasets which will form the basis of Sustainable Yield forecasts for each FMA, and agree that when these datasets become available during the course of this Agreement, Sustainable Yield will be reviewed in consultation with industry and community stakeholders and that, following this, Sustainable Yield rates are likely to change;
- (c) agree that, in particular, the Sustainable Yield rate for Midlands FMA will be reviewed by 31 December 2003, in consultation with industry and community stakeholders, following completion of SFRI for this area. It should be noted that SFRI data were not available at the time of the Timber Resource Analyses used to develop the RFA;
- (d) recognise that the expected available volume of D+ sawlogs referred to in Clause 72(a) includes a component of forest stands which may be less desirable to harvest under existing market conditions, due to low yields, accessibility and product distribution but not areas which are considered unproductive for sawlogs, for example less than 22 metre stand height. The available volume is dependent on the capacity of the timber industry to harvest all areas contributing to the estimate;
- (e) agree that economic and social issues have been taken into account in providing a land base that is expected to deliver the yields in Clause 72(a).

# **Obligation**

The Parties:

- (a) acknowledge that this Agreement is expected to provide 115  $000~{\rm m}^3$  per annum of D+ sawlogs from the Gippsland region comprising:
  - (i) the Tambo FMA (62 000 m<sup>3</sup> per annum),
  - (ii) eleven blocks of the Wodonga FMA (13 000 m<sup>3</sup> per annum)

and

- (iii) the eastern part of the Central Gippsland FMA (40 000 m<sup>3</sup> per annum of the expected 175 000 m<sup>3</sup> from the whole FMA) but recognise that timber supply levels in Victoria are subject to change based on periodic review of Sustainable Yield and that Sustainable Yield estimates are based on the full extent of the FMAs;
- (b) recognise that the expected available volume of D+ sawlogs referred to in Clause 72 (a) includes forest stands which may be less desirable to harvest under existing market conditions, due to low yields, accessibility and product distribution. The available volume is dependent on the capacity of the timber industry to harvest these areas. Timber Resource Analyses

**Clause number** 

G - 72

(c)	identified that approximately 8 per cent of the total Gippsland resource and 20 per cent of the mixed species resource is sourced from forest stands which fall into this category; agree that economic and social issues have been taken into account in providing a land base that is expected to deliver the yields in Clause 72 (a).	
Obliga	tion	Clause numbers
The Pa	arties agree that Victoria will manage the forest estate in the	CH - 71
Centra	l Highlands, North East, Gippsland and West Victoria RFA region	NE - 70
to at l	east maintain its timber production capacity in terms of volume,	G - 75
specie	s and quality.	
Obliga	tion	Clause number
The Pa	arties agree that Victoria will continue to implement silvicultural	W - 75
progra	ms that aim to at least maintain its timber production capacity in	
terms	of volume, species and quality.	

These ongoing commitments were met during Periods 1 and 2 notwithstanding additions to the national parks and conservation reserve system in the West Victoria RFA region (see clause number W- 69 in Section 5.11). Regeneration activities were conducted in those areas, but not for the purpose of future timber production.

In estimating the volume of D+ sawlog expected to be produced in each FMA over the 20 year period of the RFAs, the Parties recognised that timber supply levels were subject to change to account for the findings of periodic reviews of sustainable yield. It was also recognised that some of the estimated available volume would occur in stands which were less desirable to harvest under existing market conditions due to low yield, accessibility and product distribution. The available volume in these areas was dependent on the capacity of the timber industry to harvest in these areas. With this in mind, these ongoing commitments were met during Periods 1 and 2.

Since signing the RFAs, the Victorian Government has periodically reviewed the availability of timber resources to take into account:

- new resource information
- changes in the area of forest available to harvest as a result of code of practice prescriptions, management procedures and forest management plans
- changes in land tenure
- operational and merchantable constraints to harvesting identified by industry
- improvements in modelling techniques to forecast timber resource availability, and
- the impacts of fire, including the 2003 Alpine fires, 2006-07 Great Divide fires, and the 2009 fires in eastern Victoria.

#### 2001 Review

The state-wide timber resource review undertaken in 2001 as part of the Licence Renewal Project used new information from the SFRI and took into account a range of operational and merchantable constraints identified by industry and had not previously been factored into resource estimates. As a result of this review, Victoria announced *Our Forests, Our Future* and reduced timber harvesting in Victoria's State forests by about a third.

East Gippsland, Central Highlands, North East and Gippsland RFA regions (Eastern Victoria)
Our Forests, Our Future reformed the approach for determining sustainable timber harvesting levels in the State forests of the RFA regions in eastern Victoria (i.e. the East

Gippsland, Central Highlands, North East and Gippsland RFA regions). Under the SFT Act volume-based timber allocation has been replaced with area-based allocation, expressed in the Allocation Order.

The Victorian Government allocates areas of forest for commercial harvest and/or sale to VicForests in each of three five-year periods through the Allocation Order. It is the responsibility of VicForests to determine the volume of timber that can be sustainably harvested within the allocated area.

#### 2004 Review

The Allocation Order published in the Victorian Government Gazette on 29 July 2004 (Period 2) covered an initial period of 15 years from 1 August 2004 to 31 July 2019. The area of forest allocated to VicForests within the Allocation Order was based on the 2001 Estimates of Sawlog Resources.

Under Section 18(1) of the SFT Act, the Allocation Order must be reviewed every five years. The Minister may also review that allocation of timber resource (i.e. review the Allocation Order) at any time under Section 18(2) of the SFT Act if: the Minister considers that there has been a significant variation, as a result of fire, disease or other natural causes, in the timber resources in State forests which are available for timber harvesting in accordance with sustainable forest management; there has been any significant increase or reduction in the land base which is zoned as available for timber harvesting; or the Minister considers that there has been any other event or matter which has a significant impact on the timber resources in State forests which are available for timber harvesting in accordance with sustainable forest management. Section 17 of the SFT Act gives the Minister the power to amend or vary the Allocation Order, and Sections 20 and 21 of the SFT Act specify the timelines and consultation requirements for any reduction in timber allocation.

Section 43(1) of the SFT Act states an approved TRP may be reviewed at any time at the instigation of either the Secretary or VicForests. However, an approved TRP may only be changed if both the Secretary and VicForests agree to the change, and the change is not inconsistent with the Allocation Order or any Code of Practice relating to timber harvesting. This is because the property in timber resources within coupes on an approved TRP is vested in VicForests upon publication of a notice in the Victoria Government Gazette.

#### 2007 Review

In 2007-08 (Period 2), DSE and VicForests undertook the Joint Sustainable Harvest Level (JoSHL) Project in response to industry concerns about impacts of the 2006-07 Great Divide fires on future timber availability. In undertaking the project, DSE and VicForests aimed to explore modelling approaches for predicting sustainable harvest levels that better incorporated the objectives of the Sustainability Charter.

The JoSHL Project evaluated sixty-two different scenarios, with each scenario comprising a different set of model constraints. The preferred scenario was determined via an iterative process that adjusted model constraints until an outcome that balanced the environmental, social and economic objectives of the Charter was achieved. DSE and VicForests then made a joint statement to the timber industry. The DSE and VicForests *Joint Sustainable Harvest Level Statement* (DSE 2008a) to industry suggested that (based on the best resource information and modelling available at that time) up to 500 000 m<sup>3</sup> per annum of D+ sawlog on average could be harvested each year for the next 15 years from eastern Victoria (East

Gippsland, Central Highlands, North East and Gippsland RFA regions) without compromising long term sustainability. This estimate was completed prior to the 2009 wildfires.

#### 2009 Review

The Allocation to VicForests Order 2009 Review (DSE 2009a), a review of the allocation of timber resources to VicForests under Section 18(1) of the SFT Act, was completed in August 2009. The review covered Period 2 (June 2004 to June 2009), and gave regard to:

- the principles of ecologically sustainable development
- Victoria's State of the Forests reporting
- the structure and condition of the forest and its impact on future timber resource availability
- VicForests' compliance with the Allocation Order, including the conditions specified in the order, during the previous 5 years
- the provisions of any Code of Practice
- VicForests' compliance with any Code of Practice during the previous 5 years, and
- any existing timber commitments VicForests had under any managed licences and any agreements VicForests had entered into.

The review found that nearly 52 000 hectares of public native forest available and suitable for timber harvesting in eastern Victoria was burnt in the 2009 fires. Approximately 14 800 hectares (Ash forest: 13 500 hectares; Mixed Species forest: 1 300 hectares) of the forest burnt in these fires was killed, and the condition of these stands can be reasonably predicted as new, regenerating stands. Effects on timber availability are likely to be greatest in Ash forest, of which 11.2 per cent of the available and suitable area was burnt, compared to only 0.4 per cent in the Mixed Species forest. The Allocation Order was amended on 5 May 2010, and again on 23 September 2010, to account for the effects of these fires, amongst other things. The Allocation Order specifies the area available for timber harvesting, and depicts the forest stands from which VicForests can harvest and/or sell timber resources, in each of three, five-year periods. VicForests must advise the Secretary of the long term sustainable harvest level that it has calculated from the forest stands to which it has access, and provide to the Secretary quality assured data, models and assumptions that it has used in making the calculation for the purposes of audit for compliance with the framework for sustainable forest management in Victoria.

#### West Victoria RFA region

In the West Victoria RFA region, the 2001 Estimates of Sawlog Resources continue to be the most current estimates of timber availability. As discussed previously, timber harvesting in the Otways was phased out by June 2008.

#### Reconciliation of harvesting extent

Each year of Period 2 DSE reconciled the area of forest harvested by forest-type and FMA, and published the findings in the Monitoring of Annual Harvesting Performance (MAHP) reports. An Expert Independent Advisory Panel (EIAP) reviewed the MAHP process and made recommendations for improvement to the then Minister for Environment and Climate Change. This annual process of verification provided a mechanism for an independent review of DSEs performance and recommendations for future improvements in the MAHP process. The MAHP and EIAP reports from Period 2 are available on the DSE website (www.depi.vic.gov.au).

As a result of the changes to the governance arrangements for commercial timber harvesting in Victoria, the area of forest harvested will now be reconciled and reported as part of the Forest Audit Program.

Obligation	Clause numbers
It will be necessary to provide industry with sufficient time to adjust	W – 73
to the revised timber resource availability resulting from the West	W – Attachment 11
Victoria and Gippsland RFA outcomes. The Parties agree that this	G – 73
adjustment will take place within two years of the date of signing this	G – Attachment 11
agreement in conjunction with the actions in Clause 77 of the West	
Victoria and Gippsland RFAs.	

This obligation was met in Period 1.

The then Australian and Victorian governments provided a package of \$42.6 million under VicFISAP to help businesses take advantage of RFA certainty and adjust to changes in resource availability within two years of the RFA signing.

Subsequent to industry adjustment resulting from the RFAs a further program of industry adjustment was implemented through *Our Forests, Our Future*. The then Victorian Government allocated \$80 million to help forest workers and regional communities adjust to changes in resource availability. Industry adjustment support included a Voluntary Licence Reduction Program; Workers Assistance Package comprising of an Industry Restructure Package, Training Assistance, Relocation Assistance and Job Placement Assistance; and an Industry Transition Taskforce.

Victoria provided the additional funding identified in Clause 77 of the West Victoria and Gippsland RFAs to facilitate improvements in the productive capacity of public native forests, establish hardwood plantations, and support forest-based initiatives that generate significant employment opportunities in regional Victoria.

Obligation	Clause numbers
Victoria agrees that Sustainable Yield levels will be reviewed based on	W - 74
new resource information from the SFRI when available, and the use of	G - 74
IFPS.	

This obligation was met in the Gippsland RFA region, but not the West Victoria RFA region. Policy changes through *Our Forests, Our Future* negated the value of undertaking the works in the West Victoria RFA region.

Further information is reported under West Victoria and Gippsland RFA Clause 46(c) above.

Obligation	Clause numbers
Wherever possible Victoria will enhance Statewide silvicultural	CH - 72
programs and reforestation works to improve the productive capacity of	NE - 71
State forests.	W - 76
	G – 76

Aspects of this ongoing commitment were met during Periods 1 and 2.

Following the 2003 Alpine fires and 2006-07 Great Divide fires Victoria implemented a significant silvicultural program to facilitate recovery of forest stands available for timber harvesting. This program included salvage harvesting, and regeneration of forest stands which were immature when burnt and therefore devoid of viable seed. DSE has undertaken assessments of burnt areas, site preparation, seed collection, and establishment using aerial seeding and planting. Recovery work has focussed on forest stands comprising tree species which are sensitive to fire and are of the highest commercial value, such as the Ash species.

Thinning (both commercial and non-commercial) is a silvicultural tool that has been applied in all RFA regions during the review period. The thinning undertaken removed the smaller and poorer quality trees from forest stands, allowing the remaining trees to grow faster. Research has shown that thinning in this manner improves the productive capacity of a stand. The timber removed can be utilised for products such as pulp and firewood.

The effective regeneration of harvested areas within State forest is required to maintain ecosystem sustainability and future productive capacity of the forest. Successful regeneration is required to meet the objectives of the Sustainability Charter, in particular:

- Objective 1: To maintain and conserve biodiversity in State forests, and
- Objective 2: To maintain and improve the capacity of forest ecosystems to produce wood and non-wood products.

The Code of Practice for Timber Production 2007 requires all State forest areas in Victoria which have been subjected to timber harvesting to be regenerated to approximate the composition and spatial distribution of canopy species common to the coupe prior to harvesting, where they can be determined. Compliance with the Code is required under the SFT Act.

Harvested stands that do not meet the required standards following the first regeneration treatment must be re-treated until that standard is achieved. *Monitoring Annual Harvesting Performance in Victoria's State forests 2006-07* (DSE 2008b) reported that:

- 4 690 hectares of forest is known to require re-treatment to achieve successful postharvest regeneration. A further 2 501 hectares is predicted to require re-treatment to achieve successful regeneration, making a total estimated area requiring re-treatment of 7 191 ha, and
- an additional 19 000 hectares of forest is estimated to be overdue for regeneration surveys, with 63 per cent of this area occurring in the East Gippsland FMA.

The majority of forest areas requiring re-treatment were harvested prior to 1 August 2004, and are therefore DSEs responsibility to regenerate. DSE is progressively addressing this issue. Re-treatment operations are higher risk than standard first-attempt operations due to increased browsing by herbivores. The effects of adverse growing conditions, such as frosts and desiccation, are usually amplified on re-treated coupes due to the lack of shelter from slash and overwood.

Through the East Gippsland Enhanced Productivity Project, DSE aims to regenerate 750 hectares of failed regeneration, and conduct 2 300 hectares of regeneration surveys, in the East Gippsland FMA by 30 June 2012. DSE will continue to pursue funding opportunities to complete remaining re-treatment works and outstanding regeneration surveys, and will make information available to the public on regeneration activities.

During the review period small areas of State forest have been reforested, mainly in the Otways (West Victoria RFA region) and the Central Highlands RFA region.

Obligation	Clause numbers
Both Parties are committed to the implementation of a Hardwood	CH - 73
Timber Industry Development and Restructuring Program for Victoria.	NE - 72
Parties agree to develop a Memorandum of Understanding for a joint	
Commonwealth-Victorian Hardwood Timber Industry Development	
and Restructuring Program which will establish the respective roles	
and responsibilities of the two governments in administering the	
program. The Parties further agree that a total of \$27.6 million is	
available to implement the program across the five Victorian RFA	
regions (refer RFA Attachment).	
Obligation	Clause numbers
The Parties agree that the funding available through the joint	W – 77
Commonwealth-Victorian Hardwood Timber Industry Development	W – Attachment 11
and Restructuring Program (VicFISAP) has been increased to \$42.6	G – 77
million across the five Victorian RFA regions. The Parties agree to	G – Attachment 11
review the Memorandum of Understanding for the VicFISAP which	
establishes the respective roles and responsibilities of the two	
governments in administering the program to take into account the	
outcomes of this Agreement. The Parties acknowledge that Victoria	
will provide an additional \$20 million dollars to facilitate	
improvements in the productive capacity of public native forests,	
establish hardwood plantations, and other forest-based initiatives	
that will generate significant employment opportunities in regional	
Victoria. This brings the total funding package associated with the	
five Victorian RFAs to \$63 million. RFA Attachment provides details.	

These commitments were met during Period 1.

The then Victorian and Australian governments established the VicFISAP in Period 1 to support the development of a competitive, sustainable and value-adding native forest timber industry, and to help businesses and workers in the industry directly and adversely affected by the outcomes of the RFA process. VicFISAP also provides financial assistance to existing and potential participants in the native forest hardwood timber industry. This is to encourage investment in capital equipment that will improve the performance of the harvesting and haulage sector and enhance the ability of the industry to process and add value to native forest timber, and to increase marketing and promotional skills in the industry.

Victorian and Australian government funding initially allocated to the VicFISAP initiative was \$27.6 million. Of this amount, \$8.8 million was directed towards industry positioning and research and \$1.3 million towards restructuring during the Interim Forest Agreement process. The balance of \$17.5 million was available to assist businesses, workers and industry organisations whose jobs and businesses had been affected by the RFA process. In 2000, VicFISAP funding was increased to \$42.6 million. Of the \$42.6 million in funding made available, the then Victorian Government provided \$23.8 million and the Australian Government \$18.8 million.

The four components of the package were:

- Industry Development Assistance
- Rescheduling Assistance
- Business Exit Assistance
- Worker Assistance.

#### **Industry Development Assistance**

The Industry Development Assistance component of the package provided financial assistance for initiatives to develop the Victorian native forest timber industry. The objective of development assistance was to support initiatives which:

- maximised market opportunities for businesses
- promoted a responsible, sustainable, efficient and competitive forest industry in Victoria, and
- created employment opportunities.

Industry Development Assistance was approved for 23 applicants, equating to a total amount of \$11.4 million. The funding was contingent on recipients meeting the Industry Development Assistance objectives. All assistance was provided during Period 1.

#### **Rescheduling Assistance and Business Exit Assistance**

The Rescheduling Assistance component of the package was designed to compensate existing businesses whose operations had been adversely affected by a newly declared Deferred Forest Area. These areas, which restrict access to commercial logging, were established as part of the Interim Forest Agreements in January 1996 and were a precursor to the CAR reserve system. Applicants requesting Rescheduling Assistance had to prove an ongoing involvement in the native forest industry and that their businesses had suffered financially as a result of changes to either the:

- location of log supplies (increased transport costs)
- type of logs supplied (increased processing and handling costs), or
- site conditions for harvesting timber (increased harvesting costs).

The Business Exit Assistance component of the package was effectively a licence buy-back scheme. Business Exit Assistance was designed to assist businesses in, or dependent on, the native forest timber industry, to completely or partially leave the industry where:

- their access to sawlogs had been affected by decisions made as part of the Deferred Forest Area or RFA processes, and
- restricted access had impacted on the viability of their business.

Rescheduling Assistance remained open in an RFA region for a 12 month period following the signing of the RFA, and Business Exit Assistance for an 18 month period. All assistance was provided during Period 1. A total of \$8.3 million was provided in Business Exit and Rescheduling Assistance.

#### **Worker Assistance**

The Worker Assistance component of the package was designed to assist employees made redundant when businesses exited the industry. Again, any compensation paid had to be

linked to an adverse financial impact resulting from the declaration of a Deferred Forest Area or from the RFA processes. The Worker Assistance provided consisted of five types of support:

- special redundancy payments in addition to any benefits paid by a former employer
- training assistance (financial support for training)
- relocation assistance (financial assistance for relocation to a new job)
- an employment incentive scheme (wage subsidies for employers), and
- a voluntary redundancy payment (paid to an employee who wished to leave the industry, thereby creating a vacant position).

The support offered to individuals employed in the industry was provided for a period of up to two years, following their loss of employment.

Worker Assistance remained open in an RFA region for an 18 month period following the signing of the RFA. All assistance was provided in Period 1, with 117 workers receiving a total of \$5.2 million in Worker Assistance.

#### Other expenditure

Other expenditure included significant in-kind contributions from the Parties, administration of VicFISAP, and independent assessment.

#### **Additional Funding**

Victoria allocated an additional \$20 million dollars to facilitate improvements in the productive capacity of public native forests, establish hardwood plantations, and establish other forest-based initiatives that generate significant employment opportunities in regional Victoria. The programs carried out supported:

- enhanced resource information through the SFRI program. Refer to Section 5.5 clause numbers EG 34, CH 45(e), NE 45(c), W 46(c) and G 46(c) for further information regarding the State's progress with the SFRI program
- increased forest productivity, including tree spacing operations and stand improvement
- a variety of forest management initiatives, including the completion of Regional Vegetation Plans
- hardwood plantation establishment, and
- the development of forest tourism and recreation opportunities, including the upgrade and completion of tracks and trails.

# 5.12. Indigenous Heritage

Obligation	Clause number
Victoria will, in accordance with the East Gippsland Forest	EG - 54
Management Area Plan, formalise a consultation, participation and	
negotiation mechanism with the relevant Aboriginal groups in East	
Gippsland to ensure the appropriate management of Aboriginal	
heritage, including the maintenance of traditional and historic uses and	
values, in East Gippsland.	
Milestone and Obligation	Clause numbers
The Parties agree to develop a package of measures that will be	CH - 74

implemented by Victoria to ensure the appropriate management of Aboriginal heritage including the maintenance of traditional historic uses and values, in the RFA region. These measures are the development of: Statewide guidelines for the management of cultural heritage values; provision for participation and negotiation through the establishment of formal consultation mechanisms with local Aboriginal communities; modelling to establish priority areas for future surveys of Aboriginal sites; and training of staff. These measures are further outlined in the RFA Attachment.

NE - 73

W - 78

W - Attachment 8

G - 78

G - Attachment 8

Aspects of these milestones and obligations were achieved in Periods 1 and 2.

The Native Title Act 1993 (Cwth), the Aboriginal Heritage Act 2006 (Vic) and the Traditional Owner Settlement Act 2010 (Vic) contain specific requirements for formal consultation and/or engagement between the Victorian Government and traditional owners on native title and cultural heritage matters. The Aboriginal Heritage Act 2006 (Vic) and the Traditional Owner Settlement Act 2010 (Vic) were passed by the Victorian Parliament after the signing of the Victorian RFAs.

In October 2010, the Victorian Government entered into the first Recognition and Settlement Agreement under the *Traditional Owner Settlement Act 2010* (Vic) with the Gunaikurnai people. This agreement recognises their Native Title Rights and interest over parts of the East Gippsland, Gippsland, North East and Central Highlands RFA areas. The Victorian Government is currently working with the Gunaikurnai people to develop agreed consultation and engagement processes relating to land management and other activities in their Native Title area.

The Victorian Government has also entered into a Recognition and Settlement Agreement with the Dja Dja Wurrung people in March 2013 which covers a part of the West Victoria RFA region. The Victorian Government is also working with the Dja Dja Wurrung people to develop agreed consultation and engagement processes relating to land management and other activities in their Native Title area.

Statewide Indigenous partnership frameworks and strategies were developed by Victoria during Period 1 and Period 2. Victoria's *Indigenous Partnership Framework 2007-2010* (DSE 2007d) and *Indigenous Partnership Strategy and Action Plan* (Parks Victoria 2005) aim to facilitate the participation of Traditional Owners and Indigenous people in all aspects of public land and park management, respectively. The *Keerna - Indigenous Partnership Framework* (DPI 2006) aims to strengthen opportunities for Indigenous participation in primary industries. Developed in Period 2, these policies have replaced the *Indigenous Partnership Strategy* (NRE 2001b) of Period 1. Each of the frameworks and strategies identifies initiatives relating to cultural awareness, community partnerships and engagement, Indigenous employment and cultural heritage management.

An important outcome of the development of these frameworks and strategies was the statewide implementation of Indigenous cross-cultural awareness programs, which provide cross-cultural awareness training for all DSE, DPI and Parks Victoria staff. Indigenous facilitators are employed by DSE in all RFA regions to encourage effective engagement with Indigenous communities and identify areas for greater participation.

The Aboriginal Heritage Act 2006 (Vic) and Aboriginal Heritage Regulations 2007 (Vic) provide a consistent approach to protecting and managing Aboriginal cultural heritage as well as providing clear guidance about when, and how, Aboriginal cultural heritage management issues must be considered. The Victorian Government has reviewed the Aboriginal Heritage Act 2006 (Vic) and in 2014 will consider whether there is a need for the development of Statewide guidelines for the management of cultural heritage values.

In addition to the legislation, frameworks and strategies above, Indigenous groups continue to have the opportunity to protect Indigenous cultural heritage through their input into Timber Release Plans, Wood Utilisation Plans, forest management plans and fire operations plans. In accordance with the *Code of Practice for Timber Production 2007*, the statewide *Management Procedures for Timber Harvesting, Roading and Regeneration in Victoria's State Forests 2009* outline measures for the protection of Indigenous cultural heritage in areas of forest available for timber harvesting. Statewide fire operations are carried out in accordance with guidelines recently developed for the management of Indigenous cultural heritage values during fire suppression on public land.

Throughout Periods 1 and 2, Victoria undertook activities to increase Indigenous engagement and participation. All RFA regions have provided training in natural resource management to Indigenous students to develop the capacity of Indigenous communities to engage with government into the future. In the East Gippsland, Central Highlands, North East and Gippsland RFA regions, fire recovery projects continue to be carried out following the 2002-03, 2006-07 and 2009 fires. These projects are undertaken in partnership with Indigenous people, who receive accredited training for their participation.

In the North East RFA region, Hughes and Buckley (2000), in consultation with Aboriginal communities, developed a sensitivity zoning plan for the North East region based on a predictive modelling approach to assist in the management of sensitive archaeological areas. Surveys for Aboriginal sites now occur across public land in Victoria as part of requirements of the *Aboriginal Heritage Act 2006* (Vic). This legislation defines sensitive areas in the landscape and requires cultural heritage management plans, including surveys, to be undertaken when activities that may impact cultural heritage are proposed. The Victorian Government Response to the review of the *Aboriginal Heritage Act 2006* (Vic) includes support for further country mapping.

#### 5.13. Plantations

Milestone	Clause number
The Commonwealth will seek to remove export controls on unprocessed	EG - 56
timber sourced from Victorian plantations before the end of March	
1997.	

This milestone was achieved in Period 1.

In December 1996, the Export Control (Unprocessed Wood) Regulations (Amendment) 1996 No. 338 (Cwth) was made to remove export controls on unprocessed plantation sourced wood from a state, subject to the appropriate Australian Government Minister approving the state's code of practice. The Minister may only approve a state's code of practice after finding that the code of practice will satisfactorily or substantially protect environmental and heritage values in the state. The Minister, in approving the state's code of practice, must consider a scientific assessment of the code of practice by the Commonwealth Scientific and

Industrial Research Organisation (CSIRO) that uses as a basis the document *Forest Practices Related to Wood Production in Plantations: National Principles*.

The CSIRO assessed Victoria's code of practice in April 1996, and approval was subsequently granted by the Australian Government Minister responsible for forestry at that time.

#### 5.14. Other forest uses

Obligation	Clause numbers
Parties agree that forest uses other than timber production will be	EG - 57
determined in accordance with Victorian legislation with due regard for	CH - 77
protection of environmental and heritage values. In some limited	NE - 76
circumstances that do not relate to the substance of this Agreement (for	W - 83
example foreign investment approval, export controls for non-forest	G - 83
products and major infrastructure developments) Commonwealth	
legislative provisions may also apply.	

This ongoing commitment was met in Periods 1 and 2.

Sustainable forest management must achieve a balance between the conservation of biodiversity and heritage values and the socio-economic benefit of forests to the Victorian community. In addition to timber production, Victoria's forests are utilised for firewood, apiary, grazing, mining, and water supply, as well as a variety of recreation activities including four wheel-driving, trail bike riding, mountain biking, fishing, horse riding, hunting and camping. Forest uses other than timber production continue to be determined in accordance with Victorian legislation with due regard for protection of environmental and heritage values.

Obligation	Clause numbers
Parties recognise that under legislative provisions in Victoria, issuing of	CH - 78
new exploration licences and subsequent mining is not permitted in	NE - 77
National Parks, Wilderness Parks, State Parks and Reference Areas.	W - 84
	G - 84

This ongoing commitment was met in Periods 1 and 2.

Legislative provisions which prohibit the issuing of new exploration licences and subsequent mining in National Parks, Wilderness Parks, State Parks and Reference Areas continue to apply in Victoria.

Obligation	Clause numbers
Parties recognise that exploration and mining may be permitted in parts	EG - 59
of the CAR reserve system, other than those identified in the previous	CH - 79
clause, where the identified conservation values are not incompatible	NE - 78
with exploration and mining. To this end, Victoria will ensure that in	W - 85
accordance with relevant Victorian legislation proposed Mining	G - 85
Operations in the CAR reserve system will be subject to an	
Environmental Effects Statement or planning permission (eg planning	
permit) as required. In the case of exploration, the provisions of the	
Mineral Resources Development Act 1990 (Vic) require the application of	
conditions to protect environmental values, and may in the case of	
proposed road construction or bulk sampling require an exploration	

impact statement. Victoria will ensure these provisions apply to proposed exploration activities in the CAR reserve system. The Parties note that, in accordance with the relevant Forest Management Plan, no new activities under the *Extractive Industries Development Act 1995* (Vic) will be permitted in the State forest component of the CAR reserve system unless it will make a significant contribution to the regional economy and unless the values within the CAR reserve system can be maintained or provided for elsewhere.

This ongoing commitment was met in Periods 1 and 2.

Victoria continues to implement the requirements of the *Mineral Resources (Sustainable Development) Act 1990* (Vic) (MRSD Act) and the *Extractive Industries Development Act 1995* (Vic) (EID Act).

The MRSD Act was amended in 2006 to: include principles of sustainable development; enable the inclusion of licence conditions for providing and implementing environmental offsets; require licensees to consult with the community; and to provide for the requirement for rehabilitation of exploration and mining sites to continue after the licence expires if the rehabilitation is not already complete. The amendments do not impact on commitments under the RFAs.

Obligation	Clause numbers
Rehabilitation of any mining site will be in accordance with the	EG - 60
provisions of the Mineral Resources Development Act 1990 or the	CH - 80
Extractive Industries Development Act 1995, and it will aim to achieve	NE - 79
world's best practice.	W - 86
	G - 86

This ongoing commitment was met during Periods 1 and 2.

Rehabilitation of mining sites in Victoria continues to be required under the MRSD Act and the EID Act. Rehabilitation works in Victoria aim to achieve world's best practice.

Milestone	Clause number
The Parties recognise that the Central Highlands region is an important	CH - 81
source of water, particularly for Melbourne. Victoria will develop a long	
term timber harvesting and water production strategy for the Thomson	
Reservoir catchment in accordance with the Central Highlands Forest	
Management Plan when timber resource data (SFRI) becomes available	
in 1999.	

This milestone was achieved during the review period.

The first diversion of the waters of the Thomson River into the Upper Yarra Reservoir commenced in 1974 and in 1984 the Thomson Dam was completed. The land is a 'special water supply catchment area' proclaimed under the *Catchment and Land Protection Act 1994* (Vic). In addition to the Central Highlands RFA, the land is also subject to the *Forest Management Plan for the Central Highlands* (NRE 1998) and the *Forests (Recreation) Regulations 2010* (which superseded the *Forests (Thomson River Forest Reserve) Regulations 2005*). The Thomson Reservoir is the largest of all of Melbourne's reservoirs with a capacity

of 1 068 000 megalitres, and it contributes approximately 60 per cent of Melbourne's total reservoir storage capacity.

Commencing July 2004, management procedures for timber harvesting in Victoria's State forests have required that the area of forest harvested in the Thomson water supply catchment not exceed 150 hectares for Ash forest, and 15 hectares for Mixed Species forest, per annum (measured as a rolling average). The management procedures also contain a list of other requirements for timber harvesting and associated activities in the Thomson Reservoir catchment. Independent auditing of timber harvesting activities in the catchment reported that harvesting operations are in compliance within the average annual limits specified in the management procedures.

In March 2007, DSE and Melbourne Water Corporation (Melbourne Water) signed a Catchment Management Agreement for the Thomson Reservoir catchment. The Agreement establishes the basis for future co-operation by DSE and Melbourne Water, to ensure that appropriate and sufficient measures are taken to protect and manage the catchment area.

Action 2.21 of the then Victorian Government *Securing Our Water Future Together* (DSE 2004b) stated:

#### 1. The Government will:

- Undertake hydrological studies on the impact of logging on water yield of catchments in State forests supplying water to Melbourne;
- Develop options aimed at improving the water yield, including potential changes to management practices and phasing out logging in these areas;
- Assess the feasibility of establishing plantations outside State forests to offset any reductions in timber availability. This will be informed by the results of modelling and mapping work on high, medium and low hydrologic impact zones for plantations; and
- Investigate the economic, social and environmental benefits and costs of these options.
- Once they have been completed the Government will report on the findings of these studies and begin consultation with the timber industry, the community and other stakeholders to develop a long term plan that will improve water yield outcomes for Melbourne's catchments, while continuing to meet timber supply commitments.

DSE undertook a Harvesting in Catchments project to implement the commitments set out in Action 2.21. Victoria completed the studies required as part of the project in 2008 which included a water quality review, hydrological studies and a timber substitution study. These studies provided the basis for the development of management options and an assessment of the relative impacts of various options on water yield and timber supply, within Melbourne's catchments.

A sustainability assessment which investigated the economic, social and environmental costs and benefits of the various management options identified was completed in late 2008. The Victorian Government has considered the release of the sustainability assessment for Melbourne's water catchments. Due to the 2009 bushfires, which affected about one-third of Melbourne's water supply catchments, the sustainability assessment will not be released. The *Timber Industry Action Plan* (DPI 2011) outlines that the Victorian Government supports

the development of evidence-based, economically efficient and environmentally sustainable approaches to timber harvesting in Melbourne's water catchments.

Milestone	Clause numbers
Parties agree that the harvesting of firewood, posts and poles, will be	W - 87
phased out within the CAR reserve system within three years of signing	G - 87
this Agreement.	

This milestone was achieved in Period 1.

Harvesting of firewood, posts and poles within the CAR reserve system was phased out within three years of signing of the West Victoria and Gippsland RFAs.

# 5.15. Competition principles

Milestone and Obligation	Clause numbers
Parties recognise that under the Competition Principles Agreement,	EG - 61
Governments aim to achieve more transparency and greater efficiency	CH - 82
in Government owned business enterprises. The Commonwealth agrees	NE - 80
that the day to day pricing and allocation arrangements for wood from	W - 88
public forests are matters for Victoria. Victoria confirms its	G - 88
commitment to the pricing and allocation principles set out in the	
National Forest Policy Statement. Victoria confirms that legislation and	
policies relevant to the allocation and pricing of hardwood logs from	
State forests will be reviewed as part of the Competition Principles	
Agreement before the end of 1999. Competitive neutrality principles	
will be taken into account in any changes following the review.	

This milestone and obligation was achieved in Period 1. These ongoing commitments were met during Periods 1 and 2.

A review of legislation and policies relevant to the allocation and pricing of hardwood logs from State forests undertaken as part of the Competition Principles Agreement was completed in May 1999.

Competitive neutrality principles relevant to the allocation and pricing of hardwood logs from State forests were taken into account during forest management reforms which followed the National Competition Policy Review of the *Forests Act 1958* (Vic) undertaken in 1998.

In 2002, the then Victorian Government released the *Our Forests, Our Future* policy statement which set out directions for forest management reform. In accordance with the National Competition Policy principles, *Our Forests, Our Future* took into account: ecologically sustainable development; social welfare and equity considerations; economic and regional development; and the efficient allocation of timber resources.

#### 5.16. Research

Obligation	Clause numbers
The results of the Comprehensive Regional Assessments of the forest	EG - 62
values of the RFA region indicated a number of areas requiring further	CH - 83
research. The Compendium of Victorian Forest Research (1998) provides	NE - 81
a bibliography of research in progress as well as published and	W - 89
unpublished works. Parties have outlined Statewide research priorities	G - 89
in the RFA Attachment.	
Obligation	Clause numbers
Parties agree to consult each other in the development of future	EG - 63
research projects that may affect the Agreement and note that the	CH - 84
subject areas and priorities may change throughout the duration of the	NE - 82
Agreement.	W - 90
	G - 90
Obligation	Clause numbers
Parties agree to make publicly available, wherever possible, research	EG - 64
reports relevant to this Agreement.	CH - 85
	NE - 83
	W - 91
	G - 91
Milestone	Clause number
In addition, Victoria agrees to publish its rainforest research by	EG - 64
December 1998.	

This milestone was achieved in Period 1. These ongoing commitments were met during Periods 1 and 2.

The report *Rainforests and Cool Temperate Mixed Forests of Victoria* (Peel 1999) was published by the Department of Natural Resources and Environment (NRE) in 1999.

Throughout the review period research has continued on all themes and priorities listed in the RFAs. The importance of ecologically sustainable forest management and the development of appropriate mechanisms to monitor and continually improve management practices has remained central to the research carried out in Victoria. In addition to the themes listed in the RFAs, research during the review period has demonstrated a developing focus on issues relating to climate change and carbon sequestration.

Research relating to forests and forestry which was funded by the then Victorian Government during the review period was carried out by, and in collaboration with, a number of research agencies, universities, and Cooperative Research Centres (CRCs). These include: the Arthur Rylah Institute for Environmental Research; the CSIRO; The University of Melbourne; The Australian National University, La Trobe University; the University of Ballarat; eWater CRC; Bushfire CRC; and CRC for Forestry.

Wherever possible, research reports were made publicly available. Annual reports of the various research agencies are available online at each research agency's website; these reports describe the agency's research projects and generally include a list of related research publications. Research results may also be reported in articles published in peer-reviewed journals. Further information on major research projects carried out in Victoria during Periods 1 and 2 is provided in Appendix 6.

The Victorian Government recognises that the State's forest ecosystems are highly diverse and have a number of important values with regard to carbon storage, ensuring water security, maintaining biodiversity and habitat, and socio-economic uses. Many of these values have not been quantified and their interactions at management-relevant scales are not well understood. In addition, effects of fire regimes, management practices, and climate variability/change on these values and their interactions remain largely unknown.

DSE has designed its current research program to develop improved capacity and evidence base to manage impacts of fire (natural and managed), climate variability and forest management regimes on water quantity and quality, biodiversity values, carbon assets, other social and economic values, and the vulnerability and resilience of Victoria's public forests now and in the future, through:

- integrated understanding of multiple forest values for adaptive forest management
- effects of fire, climate and management on the vulnerability and resilience of Victorian forests
- understanding and managing Victoria's forest carbon
- water security from Victoria's forested catchments in the face of climate variability/climate change and fire
- understanding interactions between fire, landscape pattern and biodiversity; and
- assessing social, economic and community safety values of forests in fire-prone landscapes.

Consultation between the Parties regarding future research is achieved through Victorian representation on Commonwealth research priorities governance committees.

#### 5.17. Funding

Obligation	Clause number
The Parties agree that achieving the objectives of this Agreement will	EG - 65
require the commitment of financial resources from both Governments.	
Obligation	Clause number
The Commonwealth will consider assistance for the development of	EG - 66
sustainability indicators and work on endangered species. Under these	
circumstances where possible and appropriate, Victoria will administer	
funds provided by, and on behalf of, the Commonwealth for projects	
agreed within the context of this Agreement. Where this occurs, Victoria	
will establish appropriate financial review and monitoring arrangements	
agreed by the Commonwealth.	

These commitments were met during Periods 1 and 2.

Upon signing of the RFAs, the Parties agreed to commit financial resources to ensure that milestones and obligations within the RFAs would be achieved. The Parties committed \$62.6 million to VicFISAP to help businesses take advantage of RFA certainty and adjust to changes in resource availability (see Section 5.11). A further program of industry adjustment was implemented through *Our Forests, Our Future*. The then Victorian government allocated \$80 million to assist forest workers and regional communities.

As part of the implementation of priority actions for recovery of threatened species and ecological communities in Victoria, the Australian Government provided funding of \$300 000 in 2004-05, \$267 800 in 2006-07, \$120 000 in 2007-08, and \$192 000 in 2008-09. The Australian Government provided this funding for activities across Victoria; it was not

specifically targeted at the RFA regions. Australian Government assistance for the development of Victoria's sustainability indicators was not required. Victoria developed the *Criteria and Indicators for Sustainable Forest Management in Victoria (2007)* and report against these criteria and indicators on a five-yearly basis through State of the Forests reporting (see Clause EG - 26 reported in Section 5.5).

# 5.18. Data agreement

Milestone	Clause number
Parties agree to develop an agreement concerning the management of	EG - 67
the data used to develop this Agreement within six months of signing.	
The data agreement will cover:	
<ul> <li>ownership and custodianship;</li> </ul>	
archival lodging and location and associated documentation	
standards; and	
access, use and maintenance of the data.	
Parties also agree to lodge archival copies of data within six months of	
signing this Agreement.	
Milestone	Clause numbers
Parties note the development of a State-wide data agreement. Both	CH - 86
Parties agree to develop a schedule to the State-wide agreement	NE - 84
concerning the management of the data used to develop this	
Agreement within six months of signing. The data agreement covers:	
<ul> <li>ownership and custodianship;</li> <li>archival lodging and location and associated documentation</li> </ul>	
<ul> <li>archival lodging and location and associated documentation standards; and</li> </ul>	
<ul> <li>access, use and maintenance of the data.</li> </ul>	
Parties also agree to lodge archival copies of data within six months of	
signing this Agreement.	
Milestone	Clause numbers
Parties note the signing of a State-wide data agreement on 28 March	W - 92
2000. Both Parties agree to develop a schedule to the State-wide	G - 92
agreement concerning the management of the data used to develop	
this Agreement by 30 June 2000. The data agreement covers:	
ownership and custodianship;	
archival lodging and location and associated documentation	
standards; and	
access, use and maintenance of the data.	
Parties also agree to lodge archival copies of data by 31 March 2001.	

This milestone was achieved in the East Gippsland RFA region in Period 1. The milestone was not achieved in the other RFA regions.

A State-wide data agreement between the Parties was signed on 28 March 2000. Data schedules to the State-wide agreement were developed by the Parties, and archival copies of data have been lodged for the East Gippsland RFA region. Data schedules and lodging of archival copies of data was not completed in the other RFA regions.

# 5.19. Legally binding provisions

# (a) Forest management

Ī	Milestone						Clause number		
	Victoria will:						CH - 88.1		
	•	Complete	and	publish	regional	prescriptions	for	timber	
	production by the end of 1998.								

This milestone was achieved in Period 1. See clause number CH - 45(a) reported in Section 5.5.

Milestone	Clause number
Victoria will:	CH - 88.2
Implement the Integrated Forest Planning System and the	
Statewide Forest Resource Inventory (SFRI) in the Central	
Highlands in time for the next review of sustainable yield due in	
2001.	

This milestone was achieved in Period 1. See clause number CH - 45(e) reported in Section 5.5.

Obligation	Clause number
Victoria will:	CH - 88.3
<ul> <li>Publish future reports of audits of compliance with the Code of</li> </ul>	
Forest Practices for Timber Production.	

This ongoing commitment was met during Periods 1 and 2. See clause number CH - 43 reported in Section 5.5.

l	Milestone	Clause number
l	Victoria will:	CH - 88.4
	<ul> <li>Review legislation and policies relevant to the allocation and pricing of hardwood logs from State forest as part of the</li> </ul>	
	Competition Principles Agreement before the end of 1999.	

This milestone was achieved in Period 1. See clause number CH - 82 reported in Section 5.15.

Milestone	Clause number
Victoria will:	CH - 88.5
Use its best endeavours to complete and publish management	
plans for all National and State Parks by the end of 1998.	

This milestone was achieved in Period 1. See clause number CH - 45(b) reported in Section 5.5.

Obligation	Clause numbers
Victoria will:	NE - 86.1
Implement the CAR reserve system, including any required public	W - 94.1
land tenure changes, described in the RFA Attachment and	G - 94.1
identified on RFA Maps.	

This commitment was met during Periods 1 and 2. See clause numbers NE - 62, W - 64 and G - 64 reported in Section 5.10.

Milestone	Clause number
Victoria will:	NE - 86.2
<ul> <li>Produce and publish by 30 June 2000 the North East Forest</li> </ul>	
Management Plan that reflects the outcomes of this Agreement.	
Milestone	Clause number
Victoria will:	W - 94.2
<ul> <li>Produce and publish by 30 June 2002 the Portland and Horsham</li> </ul>	
Forest Management Plan that reflects the outcomes of this	
Agreement.	
Milestone	Clause number
Victoria will:	G - 94.2
<ul> <li>Produce and publish by 31 December 2001 the Gippsland Forest</li> </ul>	
Management Plan that reflects the outcomes of this Agreement.	

This milestone was achieved in the Gippsland and North East RFA regions. The milestone was not achieved in West Victoria RFA region; work towards achieving this milestone is ongoing. See clause numbers NE -65, W -67 and G -67 reported in Section 5.10.

Milestone	Clause number
Victoria will:	NE - 86.3
<ul> <li>Implement the Integrated Forest Planning System and the Statewide Forest Resource Inventory (SFRI) in the North East region in time for the next review of sustainable yield due in 2001.</li> </ul>	
Milestone	Clause number
Victoria will:	W - 94.3
<ul> <li>Implement the Integrated Forest Planning System and the Statewide Forest Resource Inventory by 31 December 2003 for the Midland FMA, 30 June 2005 for the Otway FMA and 30 June 2006 for the Portland FMA.</li> </ul>	
Milestone	Clause number
Victoria will:	G - 94.3
<ul> <li>Implement the Integrated Forest Planning System and the Statewide Forest Resource Inventory (SFRI) in the Gippsland region by 31 December 2002.</li> </ul>	

This milestone was achieved in the North East and Gippsland RFA regions, but not the West Victoria RFA region. Policy changes through *Our Forests, Our Future* negated the value of undertaking the works in the West Victoria RFA region. See clause numbers NE - 45(c), W - 46(c) and G - 46(c) reported in Section 5.5.

Obligation	Clause numbers
Victoria will:	NE - 86.4
<ul> <li>Publish future reports of audits of compliance with the Code of</li> </ul>	W - 94.4
Forest Practices for Timber Production.	G - 94.4

This ongoing commitment was met during Periods 1 and 2. See clause numbers NE - 43, W - 44 and G - 44 reported in Section 5.5.

Obligation	Clause number
Victoria will:	NE – 86.5
Take into account competitive neutrality principles in any	
changes arising from the Forest Act 1958, National Competition	
Policy Review and Government Response (May 1999).	

This ongoing commitment was met during Periods 1 and 2. See clause number NE - 80 reported in Section 5.15.

Obligation	Clause numbers
The Commonwealth will:	CH - 89.1
Maintain accreditation of Victoria's forest management system	NE – 87.1
for the RFA region as amended by this Agreement providing	W - 95.1
changes to the system are consistent with the provisions of this	G – 95.1
Agreement.	

This ongoing commitment was met during Periods 1 and 2.

Obligation	Clause numbers
The Commonwealth will:	CH - 89.2
<ul> <li>Not prevent enterprises obtaining, using or exporting timber,</li> </ul>	NE – 87.2
woodchips or unprocessed wood products sourced from the	W – 95.2
RFA region in accordance with this Agreement.	G – 95.2

This ongoing commitment was met during Periods 1 and 2. See clause number CH - 70, NE - 69, W - 71 and G - 71 reported in Section 5.11.

## (b) Compensation

The RFAs detail the provisions for compensation.	Clause numbers
	CH - 90
	NE - 88
	W - 96
	G - 96

There have been no claims for compensation provisions during the review period.

## (c) Industry development funding

Obligation	Clause number
The Commonwealth will, subject to the terms and conditions under any	CH - 91
Commonwealth Act which appropriates money, provide an amount of	
\$13.8 million and Victoria will provide \$13.8 million to implement a	
Hardwood Timber Industry Development and Restructuring Program	
subject to the development of a Memorandum of Understanding	
between the two Parties which establishes the respective roles and	
responsibilities of the two governments in administering the Program.	
Obligation	Clause number
As provided for in the Memorandum of Understanding for a Hardwood	NE - 89
Timber Industry Development and Restructuring Program for Victoria	
(refer clause 72) the Commonwealth will, subject to the terms and	
conditions under any Commonwealth Act which appropriates money,	
provide an amount of \$13.8 million and Victoria will provide \$13.8	
million to implement a Hardwood Timber Industry Development and	
Restructuring Program subject to the provisions of the Memorandum of	
Understanding between the two Parties which established the	
respective roles and responsibilities of the two governments in	
administering the Program.	
Obligation	Clause numbers
The Commonwealth will, subject to the terms and conditions under any	W - 97
Commonwealth Act which appropriates money, provide an amount of	G - 97
\$18.8 million and Victoria will provide \$23.8 million to implement a	
Hardwood Timber Industry Development and Restructuring Program	
across the five Victorian RFA regions. A revision of the Memorandum of	
Understanding between the two Parties which established the	
respective roles and responsibilities of the two governments in	
administering VicFISAP will be required to take into account the	
outcomes of this Agreement.	

These commitments were met during Period 1. See clause numbers CH-73, NE-72, W-77 and G-77 reported in Section 5.11.

#### 6. THE RESULTS OF MONITORING OF SUSTAINABILITY INDICATORS

The Criteria and Indicators for Sustainable Forest Management in Victoria was released in 2007. It contains seven criteria and 45 indicators which were developed with the assistance of key experts, government partners, and in consultation with the Victorian community. This framework fulfils Victoria's commitment to establish an appropriate set of Sustainability Indicators to monitor forest changes. The Criteria and Indicators for Sustainable Forest Management in Victoria are consistent with the Montréal Process, and complement both regional and national State of the Forest reporting in Australia.

The Montréal Process provides seven broad criteria to describe the forest values that society seeks to maintain. These are:

- 1. conservation of biological diversity
- 2. maintenance of productive capacity of forest ecosystems
- 3. maintenance of ecosystem health and vitality
- 4. conservation and maintenance of soil and water resources
- 5. maintenance of forest contribution to global carbon cycles
- 6. maintenance and enhancement of long term socio-economic benefits, and
- 7. an effective legal, institutional and economic framework.

Victoria reports on the results of monitoring of Sustainability Indicators through five-yearly State of the Forests reporting, at both the state and national level. State of the Forests reporting is a major component of sustainable forest management in Victoria, providing information on the environmental, economic, and social values associated with forests. This information supports continuous improvement in forest management by enabling the assessment of management performance and the further development of forest policy.

*Victoria's State of the Forests Report 2008* was the first structured around the *Criteria and Indicators for Sustainable Forest Management in Victoria*. The report assesses Victoria's forests over the period 2001-02 to 2005-06 using the best available data from both State and Australian government agencies.

The Criteria and Indicators for Sustainable Forest Management in Victoria and Victoria's State of the Forests Report 2008 are available on the DSE website (www.depi.vic.gov.au). It is highly recommended that the State of the Forests report be read in conjunction with the indicator information which is also provided on the DSE website.

#### 7. DOCUMENTS CITED IN THIS REPORT

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#### APPENDIX 1 – INDEPENDENT REVIEWER RECOMMENDATIONS

The Independent Reviewer made two types of recommendations:

- 1. Recommendations on the Draft Report ('R' recommendations) the additional information has been incorporated into this Final report as well as being set out below.
- 2. Recommendations on additional issues that should be considered by the Parties for the continued implementation of the RFAs ('C' recommendations). Responses to these recommendations can be found in the *Joint Australian and Victorian Government Response to the Independent Review on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs) FINAL REPORT May, 2010 (www.depi.vic.gov.au)*

# Recommendations on the draft Report on Progress with Implementation of the Victorian RFAs (R recommendations):

**Recommendation R1:** That the Parties include additional information in the final Report on Progress on the accountability arrangements for VicForests including the roles of the Treasurer, Minister for Agriculture and Minister for Environment and Climate Change.

**Recommendation R2:** That the Parties include a more detailed explanation for the delay of the five-yearly review in the final Report on Progress.

**Recommendation R3:** That the Victorian Government develops Statewide (including East Gippsland) Guidelines for the Management of Cultural Heritage Values in Forests, Parks and Reserves and that these Guidelines are jointly agreed no later than December 2011. This commitment and timeframe should be included in the final Report on Progress.

**Recommendation R4:** That the Parties include additional information on reports of internal audits of compliance with the Code of Forest Practices for timber production in the final Report on Progress.

**Recommendation R5:** That Victoria includes additional information in the final Report on Progress on how the obligation in relation to private forestry activities will continue to be met including any relevant initiatives in the Timber Industry Strategy, 2009.

**Recommendation R6:** That the Parties include a timeframe for development and review of recovery plans for species listed under both the EPBC and FFG Acts in the final Report on Progress (see Recommendation C7).

**Recommendation R7:** That the Victorian Government include a timeframe for completion of all outstanding pest plant and pest animal control programs in the final Report on Progress (see Recommendation C8).

**Recommendation R8:** That the final Report on Progress includes a commitment by the Parties that future changes to that component of the reserve system in State forest will only occur in accordance with the RFAs.

**Recommendation R9:** That the Parties include additional information on the timing of the review of forest management planning in the final Report on Progress.

**Recommendation R10:** That the Victorian Government include additional information on the mechanisms for the Allocation Order and Timber Release Plans to be reviewed following catastrophic events such as fires in the final Report on Progress.

**Recommendation R11:** That the Victorian Government include additional information in the final Report on Progress on initiatives in the Timber Industry Strategy, 2009 that will support industry development and increase certainty for economic and social development.

**Recommendation R12:** That the Victorian Government include additional information on the actions (including timeframes) being taken to address the backlog of regeneration and completion of regeneration surveys in the final Report on Progress.

**Recommendation R13:** That the Victorian Government include additional information on current and planned research activities including research into climate change and carbon sequestration in the final Report on Progress.

# Recommendations on any additional issues that should be considered by the Parties for the continued implementation of the RFAs (C recommendations):

**Recommendation C1:** That the Parties consider amending the RFAs to reflect any administrative or legislative changes including the changes made to the *Environment Protection and Biodiversity Conservation Act 1999* in 2006.

**Recommendation C2:** That the Parties consider strengthening public reporting of progress in implementing the RFAs consistent with the Australian Government's response to the Hawke review.

**Recommendation C3:** That the Parties commence planning for the next five-yearly review due by June 2014. The Parties should also commence development of the criteria which they will consider in making recommendations about any extensions to the RFAs. These criteria should be made publicly available as part of the next review process.

**Recommendation C4:** That the Parties consider cancelling the West Victoria Regional Forest Agreement or substantially amending the RFA given the significant additions to reserves and reduction in timber availability made since the agreement was signed.

**Recommendation C5:** That the Victorian Government give priority to monitoring of sustainability indicators to enable comprehensive reporting in the next State of the Forests report due in 2013.

**Recommendation C6:** That the Victorian Government undertake a review of the current Victorian sustainability indicators and complete this review by the end of 2011. The review should be guided by the milestone and obligation that "the indicators will be practical, measurable, cost effective and capable of being implemented at the regional level."

**Recommendation C7:** That the Parties give priority to development and review of recovery plans for species listed under both the EPBC and FFG, taking into account the reviews of both Acts.

**Recommendation C8:** That the Victorian Government give priority to completion of all outstanding pest plant and pest animal control programs.

**Recommendation C9:** That the Victorian Government considers release of the sustainability assessment for Melbourne's water catchment following review of the impacts of the 2009 fires.

**Recommendation C10:** That the Victorian Government review and publish the Portland-Horsham Forest Management Plan by December 2010.

**Recommendation C11:** That the Parties, through the Agreements, continue to enhance opportunities for further growth and development of forest-based industries in the RFA regions and provide long term stability for these industries.

**Recommendation C12:** That the Victorian Government give priority to completion of regeneration activities and to improvements to the timeliness of reporting on those activities.

**Recommendation C13:** That the Victorian Government include consideration of the milestones and obligations for establishment of formal consultation mechanisms with Aboriginal communities in the RFA regions in the revised Indigenous Partnership Framework.

**Recommendation C14:** That the Victorian Government complete modelling by December 2011 to establish priority areas for future surveys of Aboriginal sites in the RFA regions (noting that this work has already been undertaken in the North East).

**Recommendation C15:** That, in accordance with the obligation (EG-66), the Australian Government continues to consider assistance for the development of sustainability indicators.

#### Response to R recommendations

The additional information included in the Final Report, in accordance with each of the Independent Reviewer's 'R' recommendations, is provided below. This additional information <u>must</u> be read within the relevant section of the Final Report to provide the overall context of the issue identified by the Independent Reviewer. The relevant section and page number of the Draft Report and the Final Report is provided for reference.

That the Parties include additional information in the final Report on Progress on the accountability arrangements for VicForests including the roles of the Treasurer, Minister for Agriculture and Minister for Environment and Climate Change.

Text from **Draft Report** – Obligation EG-21, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, page 19

These ongoing commitments were met during Periods 1 and 2.

Victoria separated the commercial forestry activities within native State forests from the policy and regulatory functions in eastern Victoria in Period 2 (August 2004) with the creation of VicForests. VicForests is accountable to the Treasurer as shareholder and relevant Minister under the State Owned Enterprises Act 1992 (Vic).

DSE is responsible for the management of Victoria's State forests. In eastern Victoria, DSE allocates timber resources from State forests to VicForests for the purposes of harvesting and commercial sale through the *Allocation to VicForests Order 2004* (as amended) (Allocation Order). In western Victoria, including areas within the West Victoria RFA, commercial forestry activities have not been separated from the policy and regulatory forestry activities. All aspects of forest management in State forests in western Victoria remain the responsibility of DSE due to the relatively small scale of forestry activities in the west.

During Periods 1 and 2, Victoria remained committed to the implementation of its plans, codes and prescriptions relevant to the achievement of ecologically sustainable forest management.

Text from **Final Report** - Obligation EG-21, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, pages 19-20

These ongoing commitments were met during Periods 1 and 2. The then Victorian Government separated the commercial forestry activities within native State forests from the policy and regulatory functions on 1 August 2004 (Period 2) when VicForests commenced operations.

Further improvements to public native forestry governance arrangements in Victoria have subsequently been made. VicForests is now under the sole direction of the Minister for Agriculture and Food Security. The Treasurer retains responsibilities under the *State Owned Enterprises Act 1992* (Vic) primarily relating to the financial oversight of the company. The Minister for Environment and Climate Change has a continuing role in land management, environmental regulation and forest policy, relating to biodiversity, conservation and sustainability objectives.

The Victorian Government allocates timber resources from State forests to VicForests for the purposes of harvesting and commercial sale through the *Allocation to VicForests Order 2004* (as amended) (the Allocation Order). The Allocation Order currently allocates timber resources to VicForests in eastern Victoria only. In western Victoria, including areas within the West Victoria RFA, all aspects of forest management within State forests, including commercial operations, were the responsibility of DSE during Periods 1 and 2.

During Periods 1 and 2, Victoria remained committed to the implementation of its plans, codes and prescriptions relevant to the achievement of ecologically sustainable forest management.

That the Parties include a more detailed explanation for the delay of the five yearly review in the final Report on Progress.

Text from Draft Report – 5.3 Five yearly review, 1<sup>st</sup> to 4<sup>th</sup> paragraphs, page 21

The commitment to undertake a review of the performance of the Victorian RFAs during the first five year period (Period 1) was not met. The review was delayed as a consequence of reforms in the management of Victoria's forests associated *Our Forests, Our Future*.

A Draft Report on Progress with Implementation of the Victorian Regional Forest Agreements (RFAs) contributes to the first (Period 1) and second (Period 2) five-yearly reviews for each of the Victorian RFAs, which are being undertaken simultaneously. The review will assess progress with implementation of the Victorian RFAs between the date the RFAs were signed and 30 June 2009.

The Commonwealth of Australia and State of Victoria have signed a *Scoping Agreement for the review of progress with implementation of the Victorian Regional Forest Agreements*. The Scoping Agreement sets out the principles, governance and process for the conduct of the review, including RFA requirements relating to purpose, items for review, timelines and public consultation. The Scoping Agreement is available on the DSE website (*www.dse.vic.gov.au*).

The final review report, which will be publicly released following revision to account for comments of the public and an independent reviewer, will mean that Victoria and the Commonwealth will have met their review commitments until 30 June 2014 when the third five-yearly review is due.

Text from Final Report – 5.3 Five-yearly review, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, pages 21-22

The commitment to undertake a review of the performance of the Victorian RFAs during the first five year period (Period 1) was not met. The review was delayed as a direct consequence of reforms in the management of Victoria's public native forests associated with the then Victorian Government's *Our Forests, Our Future* policy statement.

The *Our Forests, Our Future* policy statement, announced in February 2002, led to major reforms in the way in which Victoria's public native forests were managed, and to the native forest timber industry.

The implementation of *Our Forests, Our Future* saw: a 31 per cent reduction in native forest sawlog supply levels in Victoria; an \$80 million assistance package, which included funding for a Voluntary Licence Reduction Program and a Workers Assistance Package; new legislation to ensure resource security; independent auditing of forests; and the establishment of a new commercial entity, VicForests, to separate the commercial forestry objectives from the policy and regulatory functions of Government and ensure that the timber industry is managed efficiently.

The implementation of this major reform required time to:

- determine the future sustainable resource base
- create VicForests
- develop a new licensing and pricing system
- create new legislation, and
- consult with industry and transition to the new allocation arrangements.

The release of this Final Report marks the conclusion of the first (Period 1) and second (Period 2) five-yearly reviews of the performance of each of Victoria's five RFAs.

That the Victorian Government develops Statewide (including East Gippsland) Guidelines for the Management of Cultural Heritage Values in Forests, Parks and Reserves and that these Guidelines are jointly agreed no later than December 2011. This commitment and timeframe should be included in the final Report on Progress.

Text	from	Draft	Report	_	Obligation	Text	from	Final	Report	_	Obligation
CH-45(d)	), 1 <sup>st</sup> to 3 <sup>rd</sup>	paragraphs, pag	ge 26			CH-45(d	), 1 <sup>st</sup> to 4 <sup>th</sup>	paragraphs, p	age 27		
This com	ımitment w	as not met duri	ng either Period	1 or Per	riod 2.	This con	nmitment w	vas not met d	uring either Period	1 or Per	iod 2.
Statewid	le guideline	es for the mana	gement of cultu	ral herit	age values in	Victoria	manages b	oth Indigeno	us and non-Indiger	ous cult	tural heritage
forests,	parks and i	reserves have n	ot yet been dev	eloped i	in Victoria. In	values i	n forests,	parks and	reserves through	legislat	ion, relevant
the inte	rim Victor	ia continues t	o manage cult	ural he	ritage values	regulation	ons, plans, į	procedures ar	nd guidelines.		
through	relevant le	gislation and m	anagement plar	ns. Timb	er harvesting	The Vict	torian Gov	ernment has	reviewed the Abo	original	Heritage Act
operatio	operations are carried out in accordance with the Management				Management	2006 (V	ic) and in	2014 will cor	nsider whether the	ere is a	need for the
Procedu	Procedures for Timber Harvesting, Roading and Regeneration in				eneration in	develop	ment of St	atewide guid	elines for the ma	nagemei	nt of cultural
Victoria'	Victoria's State Forests 2009 which outline measures for the protection				he protection	heritage	values.				
of Indige	of Indigenous and non-indigenous cultural heritage values.				Further	informatior	n on the man	agement of Indiger	nous cul	tural heritage	
Further i	Further information on the management of Indigenous cultural heritage				tural heritage	in Victor	ia is provid	ed in Section	5.12 of this report.		
in Victor	ia is provid	ed in Section 5.1	L2 of this report.								

That the Parties include additional information on reports of internal audits of compliance with the Code of Forest Practices for timber production in the final Report on Progress.

Text	from	Draft	Report	-	Obligation
EG-28,	1 <sup>st</sup> to 3 <sup>rd</sup> pa	ragraphs, pag	e 23		

This ongoing commitment was met during Periods 1 and 2.

In 2002, the Victorian Government released the *Our Forests, Our Future* policy with a commitment to make the application of the *Code of Forest Practices for Timber Production* (now the *Code of Practice for Timber Production 2007*) more transparent. To deliver on this commitment, the Minister for Environment asked the Environment Protection Agency Victoria (EPA Victoria) to engage an independent environmental auditor to assess compliance of timber harvesting and related activities on public land with the Code. Audits of compliance with the Code are publicly available on the EPA Victoria website (*www.epa.vic.gov.au*).

publicly available on the EPA Victoria website (www.epa.vic.gov.au). In 2007-08, instead of coordinating the annual audit, EPA Victoria reviewed the forest audit program and determined that responsibility for commissioning future audits should be passed over to the Department of Sustainability and Environment (DSE). In 2009, DSE began developing an improved auditing program for commercial timber harvesting in Victoria's State forests. The new audit program is being developed at the request of the Minister for Environment and Climate Change, in response to the independent review administered by EPA Victoria. The new audit program will allow for the examination of a range of activities associated with timber harvesting, including: forestry operational planning; roading; operational practices; and the conduct of timber harvesting organisations. DSE will contract third-party (independent) environmental auditors in 2010 to conduct audits and operational guidelines. The auditors will provide independent reports

Text from Final Report – Obligation EG-28, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, pages 24-25

This ongoing commitment was met during Periods 1 and 2.

In 2002, the then Victorian Government released the *Our Forests, Our Future* policy with a commitment to make the application of the *Code of Forest Practices for Timber Production* (now the *Code of Practice for Timber Production 2007*) more transparent. To deliver on this commitment, the then Minister for Environment and Climate Change asked the Environment Protection Authority Victoria (EPA Victoria) to engage an independent environmental auditor to assess compliance of timber harvesting and related activities on public land with the Code. Audits of compliance with the Code in State forests undertaken by EPA Victoria between 2003 and 2007 are publicly available on their website (www.epa.vic.gov.au).

In 2007-08, instead of coordinating the annual audit, EPA Victoria reviewed the forest audit program and determined that responsibility for commissioning future audits should be passed over to the Department of Sustainability and Environment (DSE).

While this review was being conducted, DSE conducted audits of VicForests' operations. In 2007-08 and 2008-09 DSE audited VicForests for compliance with the *Allocation to VicForests Order 2004 (as amended)* (the Allocation Order) and approved Timber Release Plan. A sample of fire salvage coupes from the Tambo, Benalla-Mansfield and Central Gippsland Forest Management Areas were selected. The audits concluded that VicForests has processes in place to address all requirements of the Allocation Order and approved Timber Release Plan, with only some minor improvements required. The audits found

that will be published on the DSE website (www.dse.vic.gov.au).	that the processes were followed in most instances and when followed,
	it achieved the desired outcomes. The 2007-08 audit made eleven
	recommendations, and the 2008-09 audit seven recommendations, for
	improvements in process for both DSE and VicForests. The 2007-08 and
	2008-09 audits are available on the DSE website at www.depi.vic.gov.au.
	In 2010, DSE implemented a new audit program for commercial timber
	harvesting in Victoria's State forests. The Forest Audit Program has been
	designed to allow for the independent examination of a range of
	activities associated with timber harvesting including: operational and
	tactical planning; roading; harvesting; coupe closure; and regeneration.
	Audits are conducted by independent third-party auditors appointed
	under the Environment Protection Act 1970 (Vic), and assess the
	effectiveness of: organisations regulated under the framework
	(including DSE and VicForests); the regulator (DSE); and the regulatory
	framework. The audit reports are published on the DSE website
	(www.depi.vic.gov.au).

That Victoria includes additional information in the final Report on Progress on how the obligation in relation to private forestry activities will continue to be met including any relevant initiatives in the Timber Industry Strategy, 2009.

Text from Draft Report – 5.7 Private land,	Text from Final Report – 5.7 Private land,
1 <sup>st</sup> to 3 <sup>rd</sup> paragraphs, page 29	1 <sup>st</sup> to 4 <sup>th</sup> paragraphs, pages 31-32
This ongoing commitment was met during Periods 1 and 2.	This ongoing commitment was met during Periods 1 and 2.
Private forest owners continue to be required to comply with the Code of	Private forest owners continue to be required to comply with the Code of
Practice for Timber Production 2007 (formerly the Code of Forest	Practice for Timber Production 2007 (formerly the Code of Forest
Practices for Timber Production). Under the Planning and Environment	Practices for Timber Production). Under the Planning and Environment
Act 1987 (Vic), local government, as the local planning authority, is	Act 1987 (Vic), local government, as the local planning authority, is
responsible for ensuring that forestry activities on private land comply	responsible for ensuring that forestry activities on private land comply
with the Code of Practice for Timber Production 2007. This responsibility	with the Code. This responsibility involves ensuring that forestry activity
involves ensuring that forestry activity on private land is appropriately	on private land which involves timber production is appropriately

planned, developed, managed, harvested and restored/revegetated. The requirement for private landholders to comply with the Code is incorporated in all local government planning schemes in Victoria through standard provisions known as the Victorian Planning Provisions. Clause 66 of the Victoria Planning Provisions set out the types of applications which must be referred under Section 55 of the *Planning and Environment Act 1987* (Vic). Various Ministers, Departmental Secretaries and government agencies of the State of Victoria are listed as referral authorities under the Provisions. A Forest Practitioner Accreditation Scheme developed by Timber Towns Victoria provided councils and forest owners' access to Accredited Forest Practitioners to assist them with Code compliance during the review period.

planned, developed, managed, harvested and restored/revegetated. The Code does not apply to agroforestry (the simultaneous and substantial production of forest and other agricultural products from the same land unit), windbreaks or other amenity plantings, or to the occasional felling of trees for local uses on the same property or by the same landowner or manager. Small plantations and woodlots of five hectares or less are also exempt from the Code, as are plantings established from noncommercial purposes. The Code does not apply to revegetation operations conducted for the purposes of erosion or salinity control.

The requirement for private landholders to comply with the Code is incorporated in all local government planning schemes in Victoria through standard provisions known as the Victorian Planning Provisions. Clause 66 of the Victoria Planning Provisions set out the types of applications which must be referred under Section 55 of the *Planning and Environment Act 1987* (Vic). Various Ministers, Departmental Secretaries and government agencies of the State of Victoria are listed as referral authorities under the Provisions. A Forest Practitioner Accreditation Scheme developed by Timber Towns Victoria provided councils and forest owners' access to Accredited Forest Practitioners to assist them with Code compliance during the review period.

The *Timber Industry Strategy*, released by the then Victorian Government in December 2009, stated that the government will support demand driven training development to assist local government to monitor compliance with the Code on private land. It was subsequently determined, through extensive stakeholder consultation, that there is currently minimal demand for such training. However, in response to demand from local government the Victorian Department of Primary Industries developed and released *A Companion to the Code of Practice for Timber Production 2007* which will assist the consistent application of the Code on private land in Victoria. The Code companion document is available on the Department of Primary Industries website at *www.dpi.vic.gov.au*.

That the Parties include a timeframe for development and review of recovery plans for species listed under both the EPBC and FFG Acts in the final Report on Progress (see Recommendation C7).

Text from Draft Report – Obligation EG-43, 1<sup>st</sup> and 2<sup>nd</sup> paragraphs, page 30

These milestones and obligations were met during Periods 1 and 2.

The EPBC Act introduced altered and additional requirements for national Recovery Plans compared to the superseded *Endangered Species Protection Act 1992* (Cwth) (ESP Act). As a result the Action Statements prepared under the FFG Act could no longer meet the requirements of the EPBC Act. From 2001 (Period 1), DSE entered into a series of financial agreements to prepare national Recovery Plans for the vast majority of EPBC-listed threatened species and ecological communities (both endemic and non-endemic) that occur in Victoria. DSE also sought to prepare or revise Action Statements for the same species, so they would contain the same actions as the Recovery Plans.

Text from Final Report – Obligation EG-43, 1<sup>st</sup> to 4<sup>th</sup> paragraphs, page 32

These milestones and obligations were met during Periods 1 and 2.

The EPBC Act introduced altered and additional requirements for national Recovery Plans compared to the superseded Endangered Species Protection Act 1992 (Cwth) (ESP Act). As a consequence the Action Statements prepared under the FFG Act could no longer meet the requirements of the EPBC Act. From 2001 (Period 1), DSE entered into a series of financial agreements to prepare national Recovery Plans for the vast majority of EPBC-listed threatened species and ecological communities (both endemic and non-endemic) that occur in Victoria. DSE also sought to prepare or revise Action Statements for the same species, so they would contain the same actions as the Recovery Plans. There is a statutory requirement under the EPBC Act for the completion of recovery plans for all EPBC-listed species which have a requirement to develop a recovery plan. For those RFA priority species which already have a recovery plan in place and for which a review (or revision) of the plan is underway, ideally this should be completed as soon as possible. This will allow resources to be allocated to other recovery plans as they

The Parties agree to develop a timeframe for the development and review of recovery plans required for species listed under both the EPBC and FFG Acts. The Parties will also endeavour to finalise development of those outstanding recovery plans required before the end of the third five-yearly period.

become due for their statutory five-year review.

That the Victorian Government include a timeframe for completion of all outstanding pest plant and pest animal control programs in the final Report on Progress (see Recommendation C8).

Text from Draft Report – Obligation EG-46, 1<sup>st</sup> to 8<sup>th</sup> paragraphs, pages 35-36

Progress towards these milestones was achieved in Periods 1 and 2. In June 2002, Victoria released *Victorian Pest Management – A Framework for Action* (NRE 2002b), which provides strategic direction for the management of declared and potential pests across the state. During the development of the Framework, specific management strategies were developed for weeds, rabbits, wild dogs, foxes, feral pigs, feral goats and public land management.

Victoria also allocated resources for the pest management component of the recovery programs in the Victorian Alps following the 2003 and 2006-07 fires, and continued implementation of the Good Neighbour program in all RFA regions. The Good Neighbour program invests in cooperative pest management programs on the freehold/public land boundary.

In addition, the Victorian Government allocated \$14 million to the four-year *Weeds and Pests on Public Land Initiative 2003–07* to undertake major weed and pest animal control programs in National parks, State forest and other public land in Victoria. This initiative delivered on many of the objectives of the Framework. On-ground projects included the large scale 'Ark' fox control projects in Gippsland and Glenelg, fox and broom control in the Alps, weed management in the Otways, controlling Blackberry in partnership with the community and rabbit control in the Mallee. *Guidelines and Procedures for Managing the Environmental Impacts of Weeds on Public Land in Victoria 2007* (DSE 2007c) were also prepared.

The Victorian Government remains committed to protecting Victoria

Text from Final Report – Obligation EG-46, 1<sup>st</sup> to 7<sup>th</sup> paragraphs, pages 38-39

These milestones were met during Periods 1 and 2.

There are no outstanding pest plant and pest animal control programs requiring completion.

### Victorian Pest Management – A Framework for Action

In June 2002, Victoria released *Victorian Pest Management – A Framework for Action* (NRE 2002b), which provided strategic direction for the management of declared and potential pests across the state. During the development of the framework, specific management strategies were developed for weeds, rabbits, wild dogs, foxes, feral pigs and feral goats.

Victoria also allocated resources for the pest management component of the recovery programs in the Victorian Alps following the 2003 and 2006-07 fires, and continued implementation of the Good Neighbour program in all RFA regions. The Good Neighbour program invests in cooperative pest management programs on the freehold/public land boundary.

In addition, the then Victorian Government allocated \$14 million to the four-year *Weeds and Pests on Public Land Initiative 2003–07* to undertake major weed and pest animal control programs in National parks, State forest and other public land in Victoria. This initiative delivered on many of the objectives of the framework. On-ground projects included the large scale 'Ark' fox control projects in Gippsland and Glenelg, fox and broom control in the Alps, weed management in the Otways, controlling Blackberry in partnership with the community and rabbit control in the Mallee. *Guidelines and Procedures for* 

against weeds and pests. In May 2007 the Government announced a \$30.1 million, four-year investment that includes a \$4 million boost for new programs to prevent new weeds and \$26 million to build on its previous initiatives. \$9.58 million will be directed towards programs on public land.

Under this initiative, DSE began setting priorities for invasive species management on public land. The strategic approach being developed for pest management on public land seeks to improve coordination and integration of planning and on-ground activities between relevant project partners. Priorities will be based on the biosecurity approach incorporating asset based protection principles. Five regional 'integrated landscape scale projects' were established during 2008-09 to demonstrate this integrated approach to target protection of high value assets. Further information on this initiative is available on the DSE website (www.dse.vic.gov.au).

While the Victorian government increased its investment in public land weed and pest management over Periods 1 and 2, the focus of this new investment was not to develop pest plant and pest animal control programs in accordance with the relevant Forest Management Plan within five years of the signing of each RFA. However, the development of pest plant and pest animal control programs is underway.

In 2000, each of the relevant Catchment Management Authorities (CMAs) developed regional plans for weeds and rabbits, and in 2004 regional plans for wild dogs. The strategic directions articulated in these plans have been mostly implemented. Under the Weeds and Pests Initiative (2007-2011) CMAs were funded to update their weed and rabbit plans into comprehensive Invasive Plants and Animals plans that would cover a wider range of pests and weeds.

Managing the Environmental Impacts of Weeds on Public Land in Victoria 2007 (DSE 2007c) were also prepared. In May 2007 the then Victorian Government announced a \$30.1 million, four-year investment that includes a \$4 million boost for new programs to prevent new weeds and \$26 million to build on its previous initiatives. Of this, \$9.58 million was directed towards programs on public land.

In 2000, each of the relevant Catchment Management Authorities (CMAs) developed regional plans for weeds and rabbits, and in 2004 regional plans for wild dogs. The strategic directions articulated in these plans have been mostly implemented. Under the *Weeds and Pests Initiative (2007-2011)* CMAs were funded to update their weed and rabbit plans into comprehensive Regional Pest Strategies that would cover a wider range of pests and weeds.

### **Invasive Plants and Animals Policy Framework**

The Victorian Government is applying a new approach to protecting key natural assets on public land from invasive plants and animals. The Invasive Plants and Animals Policy Framework follows Victorian Pest Management – A Framework for Action (2002) and is aligned with the Biosecurity Strategy for Victoria (2009). The new policy aims to prevent the entry of new high risk invasive plants and animals, eradicate those that are at an early stage of establishment, contain (where possible) species that are beyond eradication, and take an asset-based approach to managing widespread invasive species. DSE and Parks Victoria are applying this new approach to protect key natural assets across the State. Further information regarding the policy can be found on the DSE website at: www.depi.vic.gov.au.

That the final Report on Progress includes a commitment by the Parties that future changes to that component of the reserve system in State forest will only occur in accordance with the RFAs.

Text from Draft Report – Obligation EG-50, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, page 37

# i) Changes to that component of the CAR reserve system in State forest will only occur in accordance with this Agreement

This ongoing commitment was met during Periods 1 and 2, except in the North East and West Victoria RFA regions where changes to that component of the CAR reserve system in State forest were made which were not in accordance with the RFAs.

In each RFA region, changes to the CAR reserve system in State forest were made throughout the review period in response to new information. Proposed changes were assessed against the management guidelines for amending forest zoning schemes provided in the RFAs.

Victoria also implemented additions to the 'Dedicated Reserves' component of the CAR reserve system in the North East and West Victoria RFA regions which were not in accordance with the RFAs. In the North East RFA region, additions of State forest to the national park and conservation reserve system followed the Box-Ironbark Forests and Woodlands Investigation by the ECC, and in the West Victoria RFA region the Angahook-Otway investigation by VEAC. Many of the areas added to the Dedicated Reserves category of the CAR reserve system were existing Informal Reserves (i.e. Special Protection Zones).

#### **West Victoria RFA**

During Period 2 the Victorian Government passed legislation creating the Great Otway National Park. The creation of the National Park was not in accordance with the West Victoria RFA, this was acknowledged by the Premier of Victoria in the Victorian Parliament on 5 October 2004. This change to that component of the CAR reserve system in State forest was

Text from Final Report – Obligation EG-50, 1<sup>st</sup> to 7<sup>th</sup> paragraphs, page 40-41

# i) Changes to that component of the CAR reserve system in State forest will only occur in accordance with this Agreement

This ongoing commitment was met during Periods 1 and 2, except in the North East and West Victoria RFA regions where changes to that component of the CAR reserve system in State forest were made which were not in accordance with the RFAs.

In each RFA region, changes to the CAR reserve system in State forest were made throughout the review period in response to new information. Proposed changes were assessed against the management guidelines for amending forest zoning schemes provided in the RFAs.

The then Victorian Government also implemented additions to the 'Dedicated Reserves' component of the CAR reserve system in the North East and West Victoria RFA regions which were not in accordance with the RFAs. In the North East RFA region, additions of State forest to the national park and conservation reserve system were made based on the recommendations of the Box-Ironbark Forests and Woodlands Investigation by the ECC in 2001, and in the West Victoria RFA region based on the recommendations of the Angahook-Otway Investigation by VEAC in 2004. These additions did not lead to a net deterioration in the protection of identified CAR values.

The dedicated (or formal) conservation reserve system is complemented by the forest management zoning scheme in State forest. Forest management zoning is a key element of the management of State forests, creating an informal reserve system that works as a complement to the formal conservation reserve system (such as national parks) in

deterioration in the protection of identified CAR values. The Victorian Government also created the Cobboboonee National Park and Forest Park (previously the Cobboboonee State forest) in the West Victoria RFA region during Period 2, again these changes did not lead to a net deterioration in the protection of identified CAR values.

#### **East Gippsland RFA**

The Victorian Government also committed to additions to the conservation reserve system in the East Gippsland RFA region during Period 2 through their 2006 Victoria's National Parks and Biodiversity election policy. The implementation of this policy (which had yet to be finalised in Period 2) will add over 45 000 hectares of State forest to the conservation reserve system in East Gippsland. While this commitment will change the component of the CAR reserve system in State forest in the East Gippsland RFA region, it will not lead to a net deterioration in the protection of identified CAR values, and will be achieved without any net job losses or reduction in available timber resources.

not in accordance with the West Victoria RFA, but did not lead to a net protecting habitats and vegetation types while allowing timber harvesting, firewood collection and other activities in other areas. While the formal conservation reserve system is relatively stable, the informal reserve system relies on a more adaptive management approach, having flexible boundaries that can change over time to reflect new information and forest dynamics.

> The Parties agree that future changes to informal reserves will only occur in accordance with the Victorian RFAs and will not lead to a net deterioration in the protection of identified CAR values.

#### **West Victoria RFA**

During Period 2, the then Victorian Government passed legislation creating the Great Otway National Park. The creation of the National Park was not in accordance with the West Victoria RFA, this was acknowledged by the then Premier of Victoria in the Victorian Parliament on 5 October 2004. This change to that component of the CAR reserve system in State forest was not in accordance with the West Victoria RFA, but did not lead to a net deterioration in the protection of identified CAR values. The Cobboboonee National Park and Forest Park (previously the Cobboboonee State forest) in the West Victoria RFA region was also created during Period 2, again these changes did not lead to a net deterioration in the protection of identified CAR values.

### **East Gippsland RFA**

The then Victorian Government also committed to additions to the conservation reserve system in the East Gippsland RFA region during Period 2 through their 2006 Victoria's National Parks and Biodiversity election policy. The implementation of this policy (through the Parks and Crown Land Legislation Amendment (East Gippsland) Act 2009) added over 45 000 hectares of State forest to the conservation reserve system in East Gippsland. This addition changed the component of the CAR reserve system in State forest in the East Gippsland RFA region, but did not lead to a net deterioration in the protection of identified CAR values.

That the Parties include additional information on the timing of the review of forest management planning in the final Report on Progress.

Text from Draft Report – Obligation W-67, 1<sup>st</sup> to 5<sup>th</sup> paragraphs, page 41-42

This milestone was not achieved. Work towards achieving this milestone is ongoing.

The Portland and Horsham Forests Proposed Forest Management Plan (DSE 2005a) was released for public comment in December 2005. The plan is being finalised and is expected to be completed in 2009.

The review of the Otway FMA forest management plan was deferred while the review of land-use undertaken by VEAC as part of the Angahook-Otway Investigation was underway. The Victorian Government adopted the majority of VEAC's recommendations in the *Angahook-Otway Investigation Final Report* (VEAC 2004). VEAC's recommendations led to the creation of the Great Otway National Park and Otway Forest Park, and the preparation of the management plan for these parks being prepared as part of a single coordinated process. The draft management plan for the Great Otway National Park and Otway Forest Park was released for public comment in March 2008. The plan is being finalised and is expected to be completed in 2009.

Review of the Midlands FMA forest management plan was not undertaken during the review period. Management planning has focussed on the preparation of plans for all forests in the State within the RFA regions and the box-ironbark and riverine forests outside of the RFA regions. Review of the Midlands FMA forest management plan is not currently scheduled.

DSE has recently commenced a strategic review of forest management planning in Victoria.

Text from Final Report – Obligation W-67, 1<sup>st</sup> to 6<sup>th</sup> paragraphs, page 45-46

This milestone was not achieved.

The Portland and Horsham Forests – Proposed Forest Management Plan (DSE 2005a) was released for public comment in December 2005. The Portland and Horsham forests: Forest Management Plan 2010 (DSE 2011) was approved by the Secretary on 26 November 2010 and was officially released on 7 April 2011.

The review of the Forest Management Plan for the Otway Forest Management Area was deferred while the review of land-use undertaken by VEAC as part of the Angahook-Otway Investigation was underway through to 2004. The then Victorian Government adopted the majority of VEAC's recommendations in the Angahook-Otway Investigation Final Report (VEAC 2004). VEAC's recommendations led to the creation of the Great Otway National Park and Otway Forest Park, and the preparation of the management plan for these parks being prepared as part of a single coordinated process that replaced the review of the Otway FMA forest management plan due to the tenure changes. The draft management plan for the Great Otway National Park and Otway Forest Park was released for public comment in March 2008. The plan was completed and released in December 2009 and is available on the Parks Victoria website at: www.parkweb.vic.gov.au.

Review of the Forest Management Plan for the Midlands Forest Management Area was not undertaken during the review period. Management planning has focussed on the preparation of plans for all forests in the State within the RFA regions and the box-ironbark and riverine forests outside of the RFA regions. Review of the Midlands FMA forest management plan is not currently scheduled.

The Victorian Government is currently developing a new management planning framework for Victoria's forests and parks. Key objectives of the proposed new framework are to:

- provide greater clarity around government policy and priorities;
- meaningfully involve the community in land management;
- increase integration of management activities and long-term strategic outcomes;
- increase accountability for financial expenditure, management effectiveness and estate outcomes; and
- support adaptive management and continuous improvement in public land management.

This project supersedes the review of forest management planning. The new management planning framework was endorsed by the Secretary of DSE in 2012 with implementation to follow during 2013 and 2014.

## **Recommendation R10**

That the Victorian Government include additional information on the mechanisms for the Allocation Order and Timber Release Plans to be reviewed following catastrophic events such as fires in the final Report on Progress.

Text from Draft Report – Obligation W-75,	Text from Final Report – Obligation W-75,
1 <sup>st</sup> to 13 <sup>th</sup> paragraphs, pages 48-50	1 <sup>st</sup> to 16 <sup>th</sup> paragraphs, pages 54-57
These ongoing commitments were met during Periods 1 and 2	2. These ongoing commitments were met during Periods 1 and 2
In estimating the volume of D+ sawlog expected to be production	uced in each notwithstanding additions to the national parks and conservation
FMA over the 20 year period of the RFAs, the Parties recog	ognised that reserve system in the West Victoria RFA region (see clause number W-
timber supply levels were subject to change to account for t	the findings 69 in Section 5.11). Regeneration activities were conducted in those
of periodic reviews of sustainable yield. It was also recognised	d that some areas, but not for the purpose of future timber production.
of the estimated available volume would occur in stands whic	ch were less   In estimating the volume of D+ sawlog expected to be produced in each
desirable to harvest under existing market conditions due to	to low yield, FMA over the 20 year period of the RFAs, the Parties recognised that
accessibility and product distribution. The available volum	me in these   timber supply levels were subject to change to account for the findings
areas was dependent on the capacity of the timber industry to	to harvest in of periodic reviews of sustainable yield. It was also recognised that some
these areas. With this in mind, these ongoing commitments	ts were met of the estimated available volume would occur in stands which were less

during Periods 1 and 2.

Since signing the RFAs, Victoria has periodically reviewed the availability of timber resources to take into account:

- new resource information
- changes in the area of forest available to harvest as a result of code of practice prescriptions, management procedures and forest management plans
- changes in land tenure
- operational and merchantable constraints to harvesting identified by industry
- improvements in modelling techniques to forecast timber resource availability, and
- the impacts of fire, including the 2003 Alpine fires, 2006-07 Great Divide fires, and the 2009 fires in eastern Victoria.

The timber resource review undertaken in 2001 as part of the Licence Renewal Project used new information from the SFRI and took into account a range of operational and merchantable constraints identified by industry and had not previously been factored into resource estimates. As a result of this review, Victoria announced Our Forests, Our Future and reduced timber harvesting in Victoria's State forests by about a third.

## East Gippsland, Central Highlands, North East and Gippsland RFA regions (Eastern Victoria)

Our Forests, Our Future reformed the approach for determining sustainable timber harvesting levels in the State forests of the RFA regions in eastern Victoria (i.e. the East Gippsland, Central Highlands, North East and Gippsland RFA regions). Under the SFT Act volume-based timber allocation has been replaced with area-based allocation, expressed in the Allocation Order. DSE allocates areas of forest (by forest type and FMA) for commercial harvest and/or sale to VicForests in each of three five-year periods through the Allocation Order. It is the responsibility of VicForests to determine the volume of timber that can be sustainably harvested within the allocated area.

desirable to harvest under existing market conditions due to low yield, accessibility and product distribution. The available volume in these areas was dependent on the capacity of the timber industry to harvest in these areas. With this in mind, these ongoing commitments were met during Periods 1 and 2.

Since signing the RFAs, the Victorian Government has periodically reviewed the availability of timber resources to take into account:

- new resource information
- changes in the area of forest available to harvest as a result of code of practice prescriptions, management procedures and forest management plans
- changes in land tenure
- operational and merchantable constraints to harvesting identified by industry
- improvements in modelling techniques to forecast timber resource availability, and
- the impacts of fire, including the 2003 Alpine fires, 2006-07 Great Divide fires, and the 2009 fires in eastern Victoria.

#### 2001 Review

The state-wide timber resource review undertaken in 2001 as part of the Licence Renewal Project used new information from the SFRI and took into account a range of operational and merchantable constraints identified by industry and had not previously been factored into resource estimates. As a result of this review, Victoria announced *Our Forests, Our Future* and reduced timber harvesting in Victoria's State forests by about a third.

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The Allocation Order published in the Victorian Government Gazette on 29 July 2004 (Period 2) covers an initial period of 15 years from 1 August 2004 to 31 July 2019. The area of forest allocated to VicForests within the Allocation Order was based on the 2001 Estimates of Sawlog Resources.

Under Section 18(1) of the SFT Act, the Allocation Order must be reviewed every five years. The Allocation Order may also be reviewed at any time (under Section 18(2) of the SFT Act) if there has been a significant variation in available timber resources as a result of fire, disease or other natural causes, significant changes in the land base zoned as available for timber harvesting, or any other event considered to have had a significant impact on the timber resources in State forests which are available for timber harvesting in accordance with sustainable forest management.

In 2007-08 (Period 2), DSE and VicForests undertook the Joint Sustainable Harvest Level (JoSHL) Project in response to industry concerns about impacts of the 2006-07 Great Divide fires on future timber availability. In undertaking the project, DSE and VicForests aimed to explore modelling approaches for predicting sustainable harvest levels that better incorporated the objectives of the Sustainability Charter.

The JoSHL Project evaluated sixty-two different scenarios, with each scenario comprising a different set of model constraints. The preferred scenario was determined via an iterative process that adjusted model constraints until an outcome that balanced the environmental, social and economic objectives of the Charter was achieved. DSE and VicForests then made a joint statement to the timber industry. The DSE and VicForests *Joint Sustainable Harvest Level Statement* (DSE 2008a) to industry suggested that (based on the best resource information and modelling available at that time) up to 500 000 m³ per annum of D+sawlog on average could be harvested each year for the next 15 years from eastern Victoria (East Gippsland, Central Highlands, North East and Gippsland RFA regions) without compromising long term sustainability.

expressed in the Allocation Order.

The Victorian Government allocates areas of forest for commercial harvest and/or sale to VicForests in each of three five-year periods through the Allocation Order. It is the responsibility of VicForests to determine the volume of timber that can be sustainably harvested within the allocated area.

#### 2004 Review

The Allocation Order published in the Victorian Government Gazette on 29 July 2004 (Period 2) covered an initial period of 15 years from 1 August 2004 to 31 July 2019. The area of forest allocated to VicForests within the Allocation Order was based on the 2001 Estimates of Sawlog Resources.

Under Section 18(1) of the SFT Act, the Allocation Order must be reviewed every five years. The Minister may also review that allocation of timber resource (i.e. review the Allocation Order) at any time under Section 18(2) of the SFT Act if: the Minister considers that there has been a significant variation, as a result of fire, disease or other natural causes, in the timber resources in State forests which are available for timber harvesting in accordance with sustainable forest management; there has been any significant increase or reduction in the land base which is zoned as available for timber harvesting; or the Minister considers that there has been any other event or matter which has a significant impact on the timber resources in State forests which are available for timber harvesting in accordance with sustainable forest management. Section 17 of the SFT Act gives the Minister the power to amend or vary the Allocation Order, and Sections 20 and 21 of the SFT Act specify the timelines and consultation requirements for any reduction in timber allocation.

Section 43(1) of the SFT Act states an approved TRP may be reviewed at any time at the instigation of either the Secretary or VicForests. However, an approved TRP may only be changed if both the Secretary and VicForests agree to the change, and the change is not inconsistent with the Allocation Order or any Code of Practice relating to timber

This estimate was completed prior to the 2009 wildfires.

The Allocation to VicForests Order 2009 Review (DSE 2009a), a review of the allocation of timber resources to VicForests under Section 18(1) of the SFT Act, was completed in August 2009. The review covered Period 2 (June 2004 to June 2009), and gave regard to:

- the principles of ecologically sustainable development
- Victoria's State of the Forests reporting
- the structure and condition of the forest and its impact on future timber resource availability
- VicForests' compliance with the Allocation Order, including the conditions specified in the order, during the previous 5 years
- the provisions of any Code of Practice
- VicForests' compliance with any Code of Practice during the previous 5 years, and
- any existing timber commitments VicForests had under any managed licences and any agreements VicForests had entered into.

The review found that nearly 52 000 hectares of forest available and suitable for timber harvesting in eastern Victoria was burnt in the 2009 fires. Approximately 14 800 hectares (Ash forest: 13 500 hectares; Mixed Species forest: 1 300 hectares) of the forest burnt in these fires was killed, and the condition of these stands can be reasonably predicted as new, regenerating stands. Effects on timber availability are likely to be greatest in Ash forest, of which 11.2% of the available and suitable area was burnt, compared to only 0.4% in the Mixed Species forest. The Allocation Order is currently being amended to account for the effects of these fires, amongst other things. The amended Allocation Order will allocate the area of forest (by forest-type and FMA) from which VicForests can harvest and/or sell timber resources in the next three, five-year periods. VicForests will determine the volume of timber that can be sustainably harvested from the allocated area.

## West Victoria RFA region

In the West Victoria RFA region, the 2001 Estimates of Sawlog Resources continue to be the most current estimates of timber availability. As

harvesting. This is because the property in timber resources within coupes on an approved TRP is vested in VicForests upon publication of a notice in the Victoria Government Gazette.

#### 2007 Review

In 2007-08 (Period 2), DSE and VicForests undertook the Joint Sustainable Harvest Level (JoSHL) Project in response to industry concerns about impacts of the 2006-07 Great Divide fires on future timber availability. In undertaking the project, DSE and VicForests aimed to explore modelling approaches for predicting sustainable harvest levels that better incorporated the objectives of the Sustainability Charter.

The JoSHL Project evaluated sixty-two different scenarios, with each scenario comprising a different set of model constraints. The preferred scenario was determined via an iterative process that adjusted model constraints until an outcome that balanced the environmental, social and economic objectives of the Charter was achieved. DSE and VicForests then made a joint statement to the timber industry. The DSE and VicForests *Joint Sustainable Harvest Level Statement* (DSE 2008a) to industry suggested that (based on the best resource information and modelling available at that time) up to 500 000 m³ per annum of D+ sawlog on average could be harvested each year for the next 15 years from eastern Victoria (East Gippsland, Central Highlands, North East and Gippsland RFA regions) without compromising long term sustainability. This estimate was completed prior to the 2009 wildfires.

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- the structure and condition of the forest and its impact on future timber resource availability

discussed previously, timber harvesting in the Otways was phased out by June 2008.

Each year DSE reconciles the area of forest harvested by forest-type and FMA, and publishes the findings in the Monitoring of Annual Harvesting Performance (MAHP) reports. An Expert Independent Advisory Panel (EIAP) reviews the MAHP process and makes recommendations to the Minister for Environment and Climate Change where improvements are necessary. This annual process of verification provides a mechanism for an independent review of DSEs performance and recommendations for future improvements in the MAHP process. The MAHP and EIAP reports are available on the DSE website (www.dse.vic.gov.au).

- VicForests' compliance with the Allocation Order, including the conditions specified in the order, during the previous 5 years
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The review found that nearly 52 000 hectares of public native forest available and suitable for timber harvesting in eastern Victoria was burnt in the 2009 fires. Approximately 14 800 hectares (Ash forest: 13 500 hectares; Mixed Species forest: 1 300 hectares) of the forest burnt in these fires was killed, and the condition of these stands can be reasonably predicted as new, regenerating stands. Effects on timber availability are likely to be greatest in Ash forest, of which 11.2 per cent of the available and suitable area was burnt, compared to only 0.4 per cent in the Mixed Species forest. The Allocation Order was amended on 5 May 2010, and again on 23 September 2010, to account for the effects of these fires, amongst other things. The Allocation Order specifies the area available for timber harvesting, and depicts the forest stands from which VicForests can harvest and/or sell timber resources, in each of three, five-year periods. VicForests must advise the Secretary of the long term sustainable harvest level that it has calculated from the forest stands to which it has access, and provide to the Secretary quality assured data, models and assumptions that it has used in making the calculation for the purposes of audit for compliance with the framework for sustainable forest management in Victoria.

## West Victoria RFA region

In the West Victoria RFA region, the 2001 Estimates of Sawlog Resources continue to be the most current estimates of timber availability. As discussed previously, timber harvesting in the Otways was phased out by June 2008.

### Reconciliation of harvesting extent

Each year of Period 2 DSE reconciled the area of forest harvested by

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As a result of the changes to the governance arrangements for commercial timber harvesting in Victoria, the area of forest harvested will now be reconciled and reported as part of the Forest Audit Program.

## **Recommendation R11**

That the Victorian Government include additional information in the final Report on Progress on initiatives in the Timber Industry Strategy, 2009 that will support industry development and increase certainty for economic and social development.

Text from Draft Report – Obligation CH-69. 1<sup>st</sup> to 12<sup>th</sup> paragraphs. pages 44-46

Text from Final Report – Obligation CH-69. 1<sup>st</sup> to 15<sup>th</sup> paragraphs, page 49-51

These ongoing commitments were met during Periods 1 and 2.

The Parties reaffirm their acknowledgement of the significant contribution of forest-based industries in the RFA regions to both regional and State economies, and that these industries are an essential component of many communities in the RFA regions.

Growth and development of forest-based industries in Victoria occurred during Period 1 and Period 2. Increases in the productivity of Victoria's timber industry were achieved through increasing levels of investment, the adoption of new technologies, and increases in the capacity and competitiveness of processing and value-adding sectors. To remain competitive the industry has also been pursuing higher value markets by moving away from green timber towards dried and engineered wood

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Since the mid 1990s there has been significant investment in Victoria's forestry and forest products industry. An *Analysis of the Victorian forestry and forest products industry* (URS Forestry 2007) undertaken by URS Forestry for the Victorian Department of Primary Industries (DPI), identified the key factors contributing to the increased level of investment as being: 1) the expansion of the softwood processing sector as the volume of softwood plantation resources available for harvest increased; 2) an expansion of value adding investment and restructuring in the hardwood sawmilling sector; and 3) significant trade in forestry and forest products processing assets.

Major investments in Victoria since the mid-1990s include:

- the upgrade of the Maryvale pulp and paper mill
- a new particleboard line installed in Benalla, and
- new sawmill investments and upgrades in Lara, Colac, Morwell, Dartmoor, Benalla, and Dandenong.

The rapid establishment of hardwood pulpwood plantations has also generated large volumes of new investment, particularly in south west Victoria (URS Forestry 2007).

There was a decline in the availability of timber resources over Periods 1 and 2. This decline resulted from:

- a review of timber resource availability in 2001 which determined that harvesting levels at that time were above that which could be sustained in the long term
- landscape scale fires in 2003, 2006-07 and 2009 which burnt over 2
   million hectares of eastern Victoria, significantly impacting the availability of timber resources into the future, and
- the phase out of timber harvesting in the Otway State Forest. Victoria recognised the objectives of the West Victoria RFA could be best met through a transition from the native forest timber industry in the region, to a plantation-based timber industry. The conversion of the Otway State Forest to the Great Otway National Park and Forest Park significantly reduced the availability of native forest timber resources

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  timber industry. The conversion of the Otway State Forest to the
  Great Otway National Park and Forest Park significantly reduced the

in the West Victoria RFA region. The Victorian Government supported the industry and affected communities during this transition.

Victoria's native hardwood processing industry has adapted to declining resource availability and increasing competition from softwood plantation products, by pursuing value-adding opportunities and embracing new specialty markets for its products. Between 2001 and 2006 it is estimated that the Victorian native hardwood processing industry invested over \$50 million in new processing equipment and technologies, including technologies required for the production of higher-value dried timber products. It is estimated that over 75% all timber produced in Victoria is now (Period 2) dried to produce a high-value product, compared to 25% 10-15 years ago (Period 1) (URS Forestry 2006; 2007).

VicForests was established in August 2004 (Period 2) as a separate, fully commercial entity to manage the harvest and commercial sale of timber in the forests of eastern Victoria. VicForests established market-based approaches for timber sales, to enhance competition and efficiency in the utilisation of forest produce. URS Forestry (2007) noted that rising sawlog prices under the new market-based auction system resulted in structural adjustment within the native hardwood sector, including sawmill consolidation.

During Period 2 VicForests pursued forest certification in order to demonstrate timber harvesting and associated activities in Victoria's native forests are undertaken sustainably. Forest certification provides buyers with the certainty that the product they are buying comes from a legal and well-managed source, and assists industries to retain and expand on existing international and domestic markets. VicForests Sustainable Forest Management System, which allows VicForests to measure their operational performance and outcomes, was certified under the AFCS in 2007 and VicForests maintained that certification for the remained of Period 2. The AFCS is endorsed by the Programme for Endorsement of Forest Certification schemes, which is the largest

availability of native forest timber resources in the West Victoria RFA region. The then Victorian Government supported the industry and affected communities during this transition.

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VicForests was established on 28 October 2003 (Period 1) as a separate, fully commercial entity to manage the harvest and commercial sale of timber in the forests of eastern Victoria. VicForests commenced operations on 1 August 2004 and has established market-based approaches for timber sales, to enhance competition and efficiency in the utilisation of forest produce. URS Forestry (2007) noted that rising sawlog prices under the new market-based auction system resulted in structural adjustment within the native hardwood sector, including sawmill consolidation.

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assessor of sustainable forest management world-wide. Certification under the AFCS involves certification against the AFS (AS 4708) which is an Australian Standard that incorporates the principles of sustainable forest management. Victoria's public native forest estate and most of Victoria's timber plantations are now managed under at least one of the two main third-party forest certification schemes operating within Australia: the AFS and Forest Stewardship Council certification schemes. Despite declines in the availability of timber resources, adaptation measures of Victoria's timber industry including investment in value-added technologies, resulted in the value of output from Victoria's forestry and forest products industry remaining relatively steady at \$5-6 billion (in 2004-05 dollars) over Periods 1 and 2. In addition, employment in the forest product industries grew at an average of 2.5% per annum over Periods 1 and 2.

In addition to funding initiatives to support the timber industry, Victoria invested in a variety of tourism and recreation initiatives in each of the RFA regions during Periods 1 and 2. In 2008 (Period 2), Victoria released the *Nature-Based Tourism Strategy 2008-2012* (Tourism Victoria 2008) which provides direction to guide the sustainable and prosperous growth of Victoria's nature-based tourism industry.

the Endorsement of Forest Certification schemes, which is the largest assessor of sustainable forest management world-wide. Certification under the AFCS involves certification against the AFS (AS 4708) which is an Australian Standard® that incorporates the principles of sustainable forest management. Victoria's public native forest estate and most of Victoria's timber plantations are now managed under at least one of the two main third-party forest certification schemes operating within Australia: the AFS and Forest Stewardship Council certification schemes. Despite declines in the availability of timber resources, adaptation measures of Victoria's timber industry including investment in value-added technologies, resulted in the value of output from Victoria's forestry and forest products industry remaining relatively steady at \$5-6 billion (in 2004-05 dollars) over Periods 1 and 2. In addition, employment in the forest product industries grew at an average of 2.5 per cent per annum over Periods 1 and 2.

In addition to funding initiatives to support the timber industry, Victoria invested in a variety of tourism and recreation initiatives in each of the RFA regions during Periods 1 and 2. In 2008 (Period 2), the then Victorian Government released the *Nature-Based Tourism Strategy 2008-2012* (Tourism Victoria 2008) which provides direction to guide the sustainable and prosperous growth of Victoria's nature-based tourism industry.

On 13 December 2011, the Victorian Government released the *Timber Industry Action Plan* (DPI 2011) which applies to all RFA regions. Building on the 2009 *Victoria's Timber Industry Strategy* (which was released by the then Victorian Government in December 2009), the *Timber Industry Action Plan* will assist industry to increase the economic value to Victoria from timber production and processing in a socially and environmentally sustainable manner. It will enable ongoing investment in a productive, competitive and sustainable timber industry that ensures Victorian forest industries continue to provide jobs and income for regional families and communities, as well as high quality forest products for future generations.

Key priorities within the Timber Industry Action Plan are:

- productive, competitive and sustainable timber industry;
- develop and support efficient timber markets;
- innovative forestry science, technology and practice change; and
- strong timber industry communities.

The Victorian RFAs are an important part of achieving the Victorian Government's policy. The Australian Government remains committed to the Victorian RFAs and the Victorian Government is committed to renewing the Victorian RFAs every five years to provide 20-year resource security.

## **Recommendation R12**

That the Victorian Government include additional information on the actions (including timeframes) being taken to address the backlog of regeneration and completion of regeneration surveys in the final Report on Progress.

Text from Draft Report – Obligation CH-72, 1<sup>st</sup> to 8<sup>th</sup> paragraphs, pages 51-52

Aspects of this ongoing commitment were met during Periods 1 and 2. Following the 2003 Alpine fires and 2006-07 Great Divide fires Victoria implemented a significant silvicultural program to facilitate recovery of forest stands available for timber harvesting. This program included salvage harvesting, and regeneration of forest stands which were immature when burnt and therefore devoid of viable seed. DSE has undertaken assessments of burnt areas, site preparation, seed collection, and establishment using aerial seeding and planting. Recovery work has focussed on forest stands comprising tree species which are sensitive to fire and are of the highest commercial value, such as the Ash species.

Thinning (both commercial and non-commercial) is a silvicultural tool that has been applied in all RFA regions during the review period. The thinning undertaken removed the smaller and poorer quality trees from forest stands, allowing the remaining trees to grow faster. Research has

Text from Final Report – Obligation CH-72, 1<sup>st</sup> to 9<sup>th</sup> paragraphs, pages 57-59

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stand. The timber removed can be utilised for products such as pulp and firewood.

The effective regeneration of harvested areas within State forest is required to maintain ecosystem sustainability and future productive capacity of the forest. Successful regeneration is required to meet the objectives of the Sustainability Charter, in particular:

- Objective 1: To maintain and conserve biodiversity in State forests, and
- Objective 2: To maintain and improve the capacity of forest ecosystems to produce wood and non-wood products.

The Code of Practice for Timber Production 2007 requires all State forest areas in Victoria which have been subjected to timber harvesting to be regenerated to approximate the composition and spatial distribution of canopy species common to the coupe prior to harvesting, where they can be determined. Compliance with the Code is required under the SFT Act. Harvested stands that do not meet the required standards following the first regeneration treatment must be re-treated until that standard is achieved. Monitoring Annual Harvesting Performance in Victoria's State forests 2006-07 (DSE 2008b) reported that:

- 4 690 hectares of forest is known to require re-treatment to achieve successful post-harvest regeneration. A further 2 501 hectares is predicted to require re-treatment to achieve successful regeneration, making a total estimated area requiring re-treatment of 7 191 ha. and
- an additional 19 000 hectares of forest is estimated to be overdue for regeneration surveys, with 63% of this area occurring in the East Gippsland FMA.

The majority of forest areas requiring re-treatment were harvested prior to 1 August 2004, and are therefore DSEs responsibility to regenerate. Re-treatment operations are higher risk than standard first-attempt operations due to increased browsing by herbivores. The effects of adverse growing conditions, such as frosts and desiccation, are usually

shown that thinning in this manner improves the productive capacity of a shown that thinning in this manner improves the productive capacity of a stand. The timber removed can be utilised for products such as pulp and firewood.

> The effective regeneration of harvested areas within State forest is required to maintain ecosystem sustainability and future productive capacity of the forest. Successful regeneration is required to meet the objectives of the Sustainability Charter, in particular:

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The majority of forest areas requiring re-treatment were harvested prior to 1 August 2004, and are therefore DSEs responsibility to regenerate. DSE is progressively addressing this issue. Re-treatment operations are higher risk than standard first-attempt operations due to increased browsing by herbivores. The effects of adverse growing conditions, such amplified on re-treated coupes due to the lack of shelter from slash and overwood. In addition, ongoing drought conditions have adversely affected the successful re-treatment of coupes in recent years. Some coupes have to be treated up to three times before stocking is assessed as meeting the minimum standards of the Code.

During the review period small areas of State forest have been reforested, mainly in the Otways (West Victoria RFA region) and the Central Highlands RFA region.

as frosts and desiccation, are usually amplified on re-treated coupes due to the lack of shelter from slash and overwood.

Through the East Gippsland Enhanced Productivity Project, DSE aims to regenerate 750 hectares of failed regeneration, and conduct 2 300 hectares of regeneration surveys, in the East Gippsland FMA by 30 June 2012. DSE will continue to pursue funding opportunities to complete remaining re-treatment works and outstanding regeneration surveys, and will make information available to the public on regeneration activities.

During the review period small areas of State forest have been reforested, mainly in the Otways (West Victoria RFA region) and the Central Highlands RFA region.

## **Recommendation R13**

That the Victorian Government include additional information on current and planned research activities including research into climate change and carbon sequestration in the final Report on Progress.

Text from Draft Report – Obligation EG-64, 1st to 6th paragraphs, pages 60-61

This milestone was achieved in Period 1. These ongoing commitments were met during Periods 1 and 2.

The report Rainforests and Cool Temperate Mixed Forests of Victoria (Peel 1999) was published by the Department of Natural Resources and Environment (NRE) in 1999.

Throughout the review period research has continued on all themes and priorities listed in the RFAs. The importance of ecologically sustainable forest management and the development of appropriate mechanisms to monitor and continually improve management practices has remained central to the research carried out in Victoria. In addition to the themes listed in the RFAs, research during the review period has demonstrated a

Text from Final Report – Obligation EG-64, 1st to 8th paragraphs, pages 68-69

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Throughout the review period research has continued on all themes and priorities listed in the RFAs. The importance of ecologically sustainable forest management and the development of appropriate mechanisms to monitor and continually improve management practices has remained central to the research carried out in Victoria. In addition to the themes listed in the RFAs, research during the review period has demonstrated a developing focus on issues relating to climate change and carbon developing focus on issues relating to climate change and carbon sequestration.

Research relating to forests and forestry which is funded by the Victorian Government is carried out by, and in collaboration with, a number of research agencies, universities, and Cooperative Research Centres (CRCs). These include: the Arthur Rylah Institute for Environmental Research; the CSIRO; The University of Melbourne; The Australian National University, La Trobe University; the University of Ballarat; and various CRCs including the eWater CRC, Bushfire CRC and the CRC for Forestry.

Wherever possible, research reports have been made publicly available. Annual reports of the various research agencies are available online at each research agency's website: these reports describe the agency's current research projects and generally include a list of related research publications. Research results may also be reported in articles published in peer-reviewed journals. Further information on major research in peer-reviewed journals.

Consultation between Victoria and the Commonwealth regarding future research is achieved through Victorian representation on Commonwealth research priorities governance committees. Further information on major research projects carried out in Victoria during Periods 1 and 2 is provided in Appendix 5.

sequestration.

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Wherever possible, research reports were made publicly available. Annual reports of the various research agencies are available online at each research agency's website; these reports describe the agency's research projects and generally include a list of related research publications. Research results may also be reported in articles published projects carried out in Victoria during Periods 1 and 2 is provided in Appendix 6.

The Victorian Government recognises that the State's forest ecosystems are highly diverse and have a number of important values with regard to carbon storage, ensuring water security, maintaining biodiversity and habitat, and socio-economic uses. Many of these values have not been quantified and their interactions at management-relevant scales are not well understood. In addition, effects of fire regimes, management practices, and climate variability/change on these values and their interactions remain largely unknown.

DSE has designed its current research program to develop improved capacity and evidence base to manage impacts of fire (natural and managed), climate variability and forest management regimes on water quantity and quality, biodiversity values, carbon assets, other social and economic values, and the vulnerability and resilience of Victoria's public forests now and in the future, through:

- integrated understanding of multiple forest values for adaptive forest management
- effects of fire, climate and management on the vulnerability and

resilience of Victorian forests

- understanding and managing Victoria's forest carbon
- water security from Victoria's forested catchments in the face of climate variability/climate change and fire
- understanding interactions between fire, landscape pattern and biodiversity; and
- assessing social, economic and community safety values of forests in fire-prone landscapes.

Consultation between the Parties regarding future research is achieved through Victorian representation on Commonwealth research priorities governance committees.

#### **APPENDIX 2 - CAR RESERVE SYSTEM**

#### **Public land**

All of the public land tenure changes identified in the RFAs have been implemented. The East Gippsland tenure changes were legislated in November 1998 and proclaimed in April 1999. In June 2000 legislation was passed to add the Wongungarra area to the Alpine National Park in the North East and Gippsland RFA regions. Legislation was passed for the remaining tenure changes identified in the West Victoria and Gippsland RFAs in October 2004. Further information is provided in Table 11.

Table 11: Schedule of tenure changes identified in the RFAs.

Locality	New Tenure	Act under which park/ reserve established	Date on which area was included in park or reserve	
East Gippsland RFA				
Ellery Creek	Addition to Errinundra National Park	National Parks Act 1975 (Vic)	15 April 1999	
Martins Creek	New Flora and Fauna Reserve	Crown Land (Reserves) Act 1978 (Vic)	15 April 1999	
Goolengook	New Flora and Fauna Reserve			
North East RFA				
Wongungarra	Addition to the Alpine National Park	National Parks Act 1975 (Vic)	25 January 2001	
West Victoria RFA				
Mt Arapiles-Tooan	Additions to Mount Arapiles-Tooan State Park	National Parks Act 1975 (Vic)	16 November 2004	
Langi Ghiran	Addition to Langi Ghiran State Park			
Pyrete Range (Wombat	Addition to Lerderderg			
State Forest)	State Park			
Dunmore	Addition to Mount Eccles National Park	National Parks Act 1975 (Vic)	30 June 2005	
Tallageira	New Nature Conservation Reserve	Crown Land (Reserves) Act 1978 (Vic)	13 October 2004	
Jilpanger	Additions to Jilpanger Flora and Fauna Reserve			
Gippsland RFA				
Wongungarra	Addition to the Alpine National Park	National Parks Act 1975 (Vic)	25 January 2001	
Tarra-Bulga	Addition to Tarra-Bulga National Park	National Parks Act 1975 (Vic)	16 November 2004	
Morwell	Addition to Morwell National Park			
Marble Gully - Mount	•		13 October 2004	
Tambo				
Mount Elizabeth	New Nature Conservation Reserve			
Glenmaggie	New Nature Conservation Reserve			

The CAR reserve system was also implemented in Victoria's State forests. The Informal Reserves identified in the RFA Attachments were effective upon signing of the RFAs.

Victoria's CAR reserve system comprises over 5 million hectares of land across the state. Of this area, around 3 million hectares occurs within Victoria's RFA regions, equivalent to approximately 70 per cent of public land, or 25 per cent of all land, in the RFA regions.

#### East Gippsland RFA region

The CAR reserve system covers an area of approximately 606 400 hectares (approximately 57 per cent of the public land in the region or half of the entire region). Levels of protection of EVCs and old-growth forest achieved in the CAR reserve system are shown in Tables 12 and 17.

## Central Highlands RFA region

The CAR reserve system covers an area of approximately 319 550 hectares (approximately 53 per cent of the public land in the region or 28 per cent of the entire region). Levels of protection of EVCs and old-growth forest achieved in the CAR reserve system are shown in Tables 13 and 18.

# North East RFA region

The CAR reserve system covers an area of approximately 714 730 hectares (approximately 61 per cent of the public land in the region or 30 per cent of the entire region). Levels of protection of EVCs and old-growth forest achieved in the CAR reserve system are shown in Tables 14 and 19.

#### West Victoria RFA region

The CAR reserve system covers an area of approximately 691 710 hectares (approximately 74 per cent of the public land in the region or 12 per cent of the entire region). Levels of protection of EVCs and old-growth forest achieved in the CAR reserve system are shown in Tables 15 and 20.

#### Gippsland RFA region

The CAR reserve system covers an area of approximately 895 390 hectares (approximately 65 per cent of the public land in the region or a third of the entire region). Levels of protection of EVCs and old-growth forest achieved in the CAR reserve system are shown in Tables 16 and 21.

### **Heathy Dry Forest**

In Attachment 1 of the North East RFA, Heathy Dry Forest was assessed as vulnerable as a consequence of inappropriate fire regimes. DSE (formerly NRE) committed to analyse the extent and frequency of fuel reduction burning in Heathy Dry Forest across all public land. Where possible, DSE committed to develop and implement fire operations plans by 2004 to facilitate the development and implementation of burning strategies that maintain or promote the ecological characteristics of the Heathy Dry Forest EVC.

This milestone was completed in 2002. Vital attribute and key response species data was gathered for Heathy Dry Forest and ecological burning strategies were completed for a number of areas in eastern Victoria. Several of the ecological burning strategies (now known as fire ecology assessments) were made obsolete by the 2002-03, 2006-07 and 2009 fires which burnt over 2 million hectares of eastern Victoria. Victoria is continuing to update fire ecology assessments (particularly in fire affected areas), and where appropriate, planned burns have been nominated within the North East RFA region. Planned burns were nominated and approved through an annual Three Year Fire Operations Planning process for each DSE district across Victoria in Period 2.

Table 1	2 Current representation of Eco	logical Vegetation Classes	s in the	East Gippsla	ınd RFA reş	gion (as at 1	2009).										
												EVC Represe	ntation in e	ach land cate	gory (ha)		
				Area	(ha)	<b>.</b>	4 ( 5)(0		Level of	CA	R Reserve S	ystem					ı
						Pre-1750	Area of EVC currently in	Level of EVC	protection of pre-1750								i
				1		extent	CAR		extent in CAR						Other		ı
				1		remaining	Reserve	CAR Reserve	Reserve	Dedicated	Informal	Code			Public	Private	Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserve	Reserve	Prescription	SMZ	GMZ	Land	Land	Bodies
1	Coastal Dune Scrub/Coastal Dune	Gippsland Plain	D	50	20			100	40	20	0	0	0	0	0	0	C
	Grassland Mosaic	East Gippsland Lowlands	LC	3,300	3,060	93	2,940	96	89	2,940	0	0	0	10	50	0	60
2	Coast Banksia Woodland	East Gippsland Lowlands	LC	3,460	3,420	99	3,250	95	94	3,250	0	0	0	0	10	140	20
3	Damp Sands Herb-rich Woodland	Gippsland Plain	V	80	30			100	38		0	0	0	0	0	0	0
		East Gippsland Lowlands	V	700	390			56	31		0	0	0	0	0	170	0
4	Coastal Vine-rich Forest	East Gippsland Lowlands	V	90	90			100	100	80	10	0	0	0	0	0	0
5	Coastal Sand Heathland	East Gippsland Lowlands	R	680	670				90		0	0	0	0	10		0
6	Sand Heathland	East Gippsland Uplands	n/a		100				10		10		0	0	ĭ	- 00	0
7	Clay Heathland	East Gippsland Uplands	V	970	880			81	73		130		0	100		70	0
	W	East Gippsland Lowlands	V	1,910	1,450			50	38		210	20	0	250	120	360	0
ŏ	Wet Heathland	East Gippsland Uplands	LC LC		9,710			0 78	0 76		2,250	220	260	20 1,500	90	260	0
	Capatal Saltmarah	East Gippsland Lowlands	_					78 59	55				∠60	1,500	90		140
9 10	Coastal Saltmarsh Estuarine Wetland	East Gippsland Lowlands East Gippsland Lowlands	D	1,340 860	1,260 830			28	27		10 80		0	0	20		500
11	Coastal Lagoon Wetland	East Gippsland Lowlands	V	800	750			73	69		00	0	0	0	20	90	110
12	Wet Swale Herbland	East Gippsland Lowlands	V	790	790			100	100		0	0	0	0	0	90	110
13	Brackish Sedgeland	East Gippsland Lowlands	V V	190	190			100	100		0	0	0	0	0	0	- 0
14	Banksia Woodland	East Gippsland Uplands	LC		470			32	32		100	50	0	310	0	10	
1-4	Bariksia Woodiarid	East Gippsland Lowlands	LC	40,400	38,840	96		75	72		4,870	1,130	620	6,950	350	1,890	10
15	Limestone Box Forest	East Gippsland Lowlands	V	8,440	6,610			56	44		880	160	180		100		100
16	Lowland Forest	Highlands - Far East	LC		150			60	60		70	20	0	50			0
		East Gippsland Uplands	LC		22,690	99	10,510	46	46	7,110	2,050	1,350	440		0	1,030	C
		East Gippsland Lowlands	LC	253,330	239,440	95	92,890	39	37	55,920	23,680	13,290	14,510	114,940	1,960	14,990	150
17	Riparian Scrub/Swampy Riparian	East Gippsland Uplands	LC	330	320	97	240	75	73		10	20	0	80	0	0	C
	Woodland Complex	East Gippsland Lowlands	LC	21,230	18,640	88	11,700	63	55	6,860	3,090	1,750	510	4,640	30	1,720	40
18	Riparian Forest	Victorian Alps	LC		10			0	0		0	0	0	10		Ü	0
		Monaro Tablelands	LC		30				100	0	00		0	0		0	0
		Highlands - Far East	LC		160			94	100	0	140	10	0	10		0	0
		East Gippsland Uplands	LC		7,750			70	59		3,230	150	70		30		20
40	B: : 01 11 1	East Gippsland Lowlands	D R		10,520			58	30		3,640	230	200	660	70		480
19 20	Riparian Shrubland	East Gippsland Uplands		660	640			72 67	70 67		30	0	0	10	0	10	170
20	Heathy Dry Forest	Victorian Alps East Gippsland Lowlands	LC LC		30 430			88	88		V	0	0	10 40		v	
		East Gippsland Uplands	LC		1,480			68	60		420	40	0	240	0	230	
21	Shrubby Dry Forest	Highlands - Southern Fall	LC		70				29		10		0	50	0	0	
<b></b>	January Dry Forcot	Victorian Alps	LC		580			76				40	10			0	- 0
1		Highlands - Far East	LC		1,200			48	47		270	100	0	630	0	0	- 0
1		Monaro Tablelands	LC		3,330	100		79	79		130	100	20		0	30	0
		East Gippsland Lowlands	LC		7,870			42	41		1,100	430	1,020	3,280	0	280	0
		East Gippsland Uplands	LC		209,760	98		56	55		17,240	11,350	3,130	77,470	300	11,970	30
22	Grassy Dry Forest	Monaro Tablelands	LC		20			100	100	20	0	0	0	0	0	0	0
		Highlands - Southern Fall	LC		30			0	0	0	0	0	0	30	0	0	0
		Victorian Alps	LC		260			100	100	260	0	0	0	0	0	0	0
		East Gippsland Lowlands	LC LC	3,840	3,720 23.480			43 40	42 35		610 1,700	190 770	130		0	990 8.090	0
24	Foothill Box Ironbark Forest	East Gippsland Uplands East Gippsland Uplands	LC	27,320 600	23,480			90	90		1,700		30	5,920	0	8,090	
24 27	Blackthorn Scrub	Victorian Alps	R		20			100	100		10	0	0	00	0	0	
-1	Diackillotti Scrub	Monaro Tablelands	R	50	50			100	100		0	0	0	0	0	0	
1		East Gippsland Lowlands	R		190			79	79		40	0	0	10		20	
		East Gippsland Uplands	R		4,960			85	85		1,410		40				
28	Rocky Outcrop Shrubland	Monaro Tablelands	R		20			100	100		.,0	0	0				
1	, , , , , , , , , , , , , , , , , , , ,	Victorian Alps	R		20			100	100	20	0	Ö	0	0		0	- 0
		Highlands - Far East	LC	40	40	100		100	100	40	0	0	0	0	0	0	0
1		East Gippsland Lowlands	LC		250			92	88				0	20	0	0	C
		East Gippsland Uplands	LC	1,280	1,280	100	1,280	100	100	1,240	40	0	0	0	0	0	0

_	_	1					1					EVO D	-4-4: :				
				Area	ı (ha)				Level of	CA	AR Reserve S	EVC Represe	ntation in ea	ach land cate	gory (na)		
EVC no.	EVC	Bioregion	Status		Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserve		Code Prescription	SMZ	GMZ	Other Public Land	Private Land	Water Bodies
29	Damp Forest	Highlands - Southern Fall	LC		490	100	110	22	22	10	60	40	0	380	0	0	0
		Victorian Alps	LC		710	100							0	100	0	0	0
		Monaro Tablelands	LC		3,280	95		44			680	110	20	970	30	830	0
		Highlands - Far East	LC		10,440	100		33			1,480	1,170	130	6,900	0	0	0
		East Gippsland Lowlands	LC		39,500	99		47			5,190	4,750	1,720	17,920	30	1,180	10
	hu . =	East Gippsland Uplands	LC		189,110	99		51				18,930	5,440	82,470	80	4,120	10
30	Wet Forest	East Gippsland Lowlands	LC		190 500	100 100		42			40 20		30	80 360	0	0	0
		Victorian Alps Monaro Tablelands	LC LC		3,530	98		28 38				190	140	2.010	0	40	<u> </u>
		Highlands - Southern Fall	LC		4,780	100		20			530	410	50	3,770	0	40	H 0
		East Gippsland Uplands	LC		29.150	100		63			3.050	2.590	1.270	9,430	0	160	<u> </u>
		Highlands - Far East	LC		52,960	100		49			4,760	4,720	1,660	25,380	0	180	0
31	Cool Temperate Rainforest	Victorian Alps	E	32,990	32,900	100	30	100	100	10,200	,700 ^	20	1,500	20,000	0	100	0
, i	Cool Tomperate Ivalillorest	Monaro Tablelands	R		40	100			100	30	10		n	0	0	0	0
		Highlands - Southern Fall	E	90	90	100					30		n	0	0	0	0
		East Gippsland Uplands	R	230	230	100	230	100	100	110	50		0	0	0	0	0
		Highlands - Far East	R		2,160	100		100			320		0	0	0	0	0
32	Warm Temperate Rainforest	Highlands - Far East	R	440	440	100		100			140	200	0	0	0	0	0
		East Gippsland Lowlands	R	1.980	1.940	98		94	92	780	480	560	0	0	0	110	10
		East Gippsland Uplands	R		4,580	100		99				2,020	0	10	0	50	
33	Cool Temperate Rainforest/Warm	Highlands - Southern Fall	Е	20	20	100	20	100	100	0	0	20	0	0	0	0	0
	Temperate Rainforest Overlap	East Gippsland Uplands	R	30	30	100	30	100	100	20	0	10	0	0	0	0	0
		Highlands - Far East	R	200	200	100	200	100	100	100	20	80	0	0	0	0	0
34	Dry Rainforest	East Gippsland Uplands	E	10	10	100	10	100	100	10	0	0	0	0	0	0	0
35	Tableland Damp Forest	Highlands - Far East	LC	690	690	100	280	41	41	240	20	20	40	370	0	0	0
		Monaro Tablelands	LC	4,490	4,420	98	2,610	59	58	1,510	1,000	100	180	1,570	0	60	0
36	Montane Dry Woodland	Highlands - Far East	LC	100	80	80	50	63	50	30	20	0	0	30	0	0	0
		Highlands - Southern Fall	LC	560	570	102	140	25	25	40	70	30	0	430	0	0	0
		East Gippsland Uplands	LC	1,710	1,680	98	1,400	83	82	1,330	50	20	10	260	0	10	0
		Victorian Alps	LC		24,030	100		93			30		0	1,610	0	0	0
		Monaro Tablelands	LC		31,800	81	,	39		,	4,470		410	9,000	200	9,790	0
37	Montane Grassy Woodland	Highlands - Southern Fall	D		300	100		33			50		0	200	0	0	0
		East Gippsland Uplands	V	960	860	90		40			90		0	250	20	250	0
		Victorian Alps	LC		3,670	100		89			250	80		400	0	10	0
		Monaro Tablelands	V	12,510	5,930	47		10			260	100	160	850	90	4,230	0
38	Montane Damp Forest	Highlands - Southern Fall	LC		60	100		17			10	0	0	50	0	0	0
		Highlands - Far East East Gippsland Uplands	LC LC		130 450	100 100					20	Ŭ	0	20 90	0	0	<u> </u>
		Monaro Tablelands	LC		2,160	100		63			540		0	770	40	0	0
		Victorian Alps	LC		11,660	99		81					0	2,210	40	0	0
39	Montane Wet Forest	Highlands - Southern Fall	LC		80	100		13			10	10	0	70	0	0	0
39	Montane Wet Forest	Highlands - Far East	LC		1,190	99		83		890	70		20	180	0	0	0
		East Gippsland Uplands	LC		4,820	100		100			7.0	0	0	0	0	0	0
		Victorian Alps	LC		7,460	100		63			40	240	0	2,770	0	0	0
40	Montane Riparian Woodland	Highlands - Far East	V	30	30	100	20	67		, .	10		n	10	n	n	0
l	The same of the sa	East Gippsland Uplands	E	50	50	100		0	0	0	0	0	0	0	0	50	0
		Victorian Alps	LC		360	100		97	97	350	0	0	0	0	0	10	0
		Monaro Tablelands	V	4,500	2,220	49		12		50		20	10	100	0	1,850	0
41	Montane Riparian Thicket	Highlands - Far East	LC		30	75		0	0	0	0	0	0	30	0	0	0
43	Sub-alpine Woodland	East Gippsland Uplands	LC		350	100		100	100	350	0	0	0	0	0	0	0
		Monaro Tablelands	LC		980	90		69	62			0	0	50	80	170	0
		Victorian Alps	LC		7,230	99	6,980	97	95	6,970	10	0	0	250	0	0	0
44	Sub-alpine Treeless Vegetation	East Gippsland Uplands	R	30	30	100	30	100	100	30	0	0	0	0	0	0	0
	I	Victorian Alps	R		150	94		87			0	0	0	20	0	0	0
I		Monaro Tablelands	R	410	340	83	180	53	44	130	40	10	0	70	0	90	0

		1										EVC Represer	ntation in ea	ch land cate	gory (ha)		
				Area	(ha)				Level of	CA	R Reserve S	ystem					
							Area of EVC		protection of								
						Pre-1750		Level of EVC	pre-1750	l .							
						extent	CAR	protection in	extent in CAR	l .					Other		
						remaining	Reserve	CAR Reserve	Reserve	Dedicated	Informal	Code			Public	Private	Water
EVC no.		Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserve	Reserve	Prescription	SMZ	GMZ	Land	Land	Bodies
47	Valley Grassy Forest	Highlands - Far East	D	30	20	67	0	0	0	0	0	0	0	20	0	0	0
		Monaro Tablelands	D	80	40	50	0	0	0	0	0	0	0	0	0	40	0
		East Gippsland Lowlands	D	5,310	4,620	87	1,920	42	00		1,180	140	600	300	30	1,760	10
		East Gippsland Uplands	D	16,450	12,230	74	5,200	43	32	1,290	3,580	330	460	2,290	10	4,270	0
175	Grassy Woodland	East Gippsland Lowlands	D	20	10	50	0	0	0	0	0	0	0	0	0	10	0
		Victorian Alps	D	30	30	100	30			30	0	0	0	0	0	0	0
		East Gippsland Uplands	D	37,950	33,690	89	21,930	65	58	21,740	180	10	0	80	160	11,520	0
210	Sub-alpine Wet Heathland	Victorian Alps	Е	150	150	100	150	100	100	150	0	0	0	0	0	0	0
211	Sub-alpine Wet Heathland/Alpine Valley																
	Peatland Mosaic	Victorian Alps	Е	10	10	100	10	100	100	10	0	0	0	0	0	0	0
969	Exotic Non-native vegetation	Highlands - Far East	n/a	0	20	n/a	0	0	n/a	0	0	0	0	0	0	20	0
	-	East Gippsland Lowlands	n/a	0	370	n/a	30	8	n/a	30	0	0	30	20	90	200	0
		East Gippsland Uplands	n/a	0	540	n/a	10	2	n/a		0	0	0	0	0	530	0
		Monaro Tablelands	n/a	0	2,230	n/a	70	3	n/a	60	10	0	0	10	0	2,150	0
990	Non Vegetation	Highlands - Far East	n/a	0	30	n/a	0	0	n/a	0	0	0	0	20	0	10	0
		Gippsland Plain	n/a	0	80	n/a	40	50	n/a	40	0	0	0	0	0	40	0
		Monaro Tablelands	n/a	0	14,380	n/a	40	0	n/a	30	10	0	0	30	20	14,290	0
		East Gippsland Uplands	n/a	0	19,160	n/a	160	1	n/a	140	20	0	0	40	20	18,940	0
		East Gippsland Lowlands	n/a	0	32,140	n/a	280	1	n/a	240	30	10	10	170	550	30,900	230
992	Water Body - Fresh	Gippsland Plain	n/a	20	20	100	20	100	100	20	0	0	0	0	0	0	0
		East Gippsland Lowlands	n/a	670	640	96	100	16	15	100	0	0	0	0	0	20	520
994	Dunes	East Gippsland Lowlands	n/a	1,930	1,830	95	1,770	97	92	1,770	0	0	0	0	0	0	60
1001	Alpine Grassland	Victorian Alps	R	110	110	100	110	100	100	110	0	0	0	0	0	0	0
1002	Alpine Damp Grassland	Victorian Alps	R	60	60	100	60	100	100	60	0	0	0	0	0	0	0
1004	Alpine Grassy Heathland	Victorian Alps	R	90	80	89	80	100	89	80	0	0	0	0	0	0	0
1107	Water Body - estuary	East Gippsland Lowlands	n/a	6,060	5,870	97	370	6	6	370	0	0	0	0	0	30	5,470
Total				1,217,100	1,216,200	100	606,400	50	50	416,280	119,200	70,920	33,560	406,190	4,610	157,290	8,150

Only EVC/Bioregion combinations currently present in the East Gippsland RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. While changes to forest management zoning have been made since the RFA was signed, no comparison can be made between this table and that created in 1997 following the RFA for the East Gippsland Forest Management Plan Amendment, as they are based on different EVC source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries. This has resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 10 ha to account for the errors discussed above.

Table 13 Current representation of Ecological Vegetation Classes in the Central Highlands RFA region (as at 2009).

Table 1	3 Current representa	tion of Ecological Vege	tation C	lasses in t	he Centr	al Highlan		gion (as at										
							Area of		Level of				resentatio	n in each	land catego	ory (ha)		
				Area	(ha)		EVC	Level of	protection of	CA	R Reserve	System						
							currently in	EVC	pre-1750									
						Pre-1750	CAR	protection	extent in									
						extent	Reserve	in CAR	CAR	Dedicated	Informal	Code			Other	Other	<b>.</b>	
=>		L	<b>.</b>	Pre-1750	Current	remaining	System	Reserve	Reserve	I _	Reserves				Public	Parks and	Private	Water
EVC no.		Bioregion	Status	40	40	<b>(%)</b>	<b>(ha)</b>	<b>system (%)</b> 50	System (%)				SMZ	GMZ	Land	Reserves	Land	Bodies
/	Clay Heathland	Highlands - Southern Fall	U	10.900	1.850	17		50				0	0	0	- 10	0	20	0
16	Lowland Forest	Gippsland Plain Highlands - Northern Fall	LC	1,370	1,850	88		56	49		130	30	10	300	10	0	1,830 220	0
		Highlands - Southern Fall	LC	63,970	43,380	68		28			1,320		50	8,890	2,330	320	19,360	80
		Strzelecki Ranges	V	250	43,360	36		20	10			740	0	0,090	2,330	320	19,360	00
17	Riparian Scrub/Swampy	Gippsland Plain	V	2,810	630	22		0	0	·	Ŭ	0	0	0	0	0	630	0
17	Riparian Woodland	Highlands - Northern Fall	\/	40	20	50		0			0	0	0	0	0	0	20	0
	Complex	Highlands - Southern Fall	V	7.100	4.080	57		13	V	, v	0	10	10	30	170	Ŭ	3.340	20
	Complex	Victorian Volcanic Plain	E	240	50	21		0	Ó	0	0	10	0	0	20		30	
18	Riparian Forest	Central Victorian Uplands	V	2.330	1,280	55		13	7	90	60	20	0	_	280	0		
10	rapanari r oroot	Gippsland Plain	V	1,160	550	47		7	3	40		0	0	00	320	0	190	0
		Highlands - Northern Fall	LC	14,910	12,850	86		53	46		4.040	1,300	150	2,510	1,230	150	1.970	50
		Highlands - Southern Fall	LC	24,240	19,940	82		54			4,260	1,120	110	2,370	2,120	160	4,160	280
		Strzelecki Ranges	V	30	10			0				0	0	0	10		0	0
		Victorian Alps	LC	80	80	100	70	88	88	20	40	10	0	10	0	0	0	0
		Victorian Volcanic Plain	V	50	10	20	0	0			0	0	0	0	0	0	10	0
20	Heathy Dry Forest	Central Victorian Uplands	LC	110	50	45	0	0	0	0	0	0	0	0	10	0	40	0
-	, , , , , , , , , , , , , , , , , , , ,	Highlands - Northern Fall	LC	6,140	6.080	99	4,370	72	71	530	3,420	420	30	1.470	0	0	210	0
		Highlands - Southern Fall	LC	8,870	8,540	96	6,070	71	68	3,580	2,150	340	260	1,080	330	0	720	80
		Victorian Alps	LC	30	30	100	20	67	67	0	20	0	0	10	0	0	0	0
21	Shrubby Dry Forest	Central Victorian Uplands	LC	70	30	43	10	33	14	10	0	0	0	0	20	0	0	0
	, , , , , , , , , , , , , , , , , , , ,	Highlands - Northern Fall	LC	9,400	9,170	98	7,030	77		6,100	440	490	30	1,340	670	0	60	40
		Highlands - Southern Fall	LC	5,350	5,100	95	2,490	49	47	1,780	630	80	0	2,190	300	0	50	70
22	Grassy Dry Forest	Central Victorian Uplands	D	32,410	21,680	67	5,450	25	17	4,570	870	10	10	50	470	0	15,650	50
		Highlands - Northern Fall	LC	9,970	8,850	89	4,590	52	46	2,480	1,960	150	20	1,370	210	0	2,650	10
		Highlands - Southern Fall	LC	21,150	13,930	66	1,850	13	9	1,690	150	10	10	150	1,000	0	10,910	10
		Victorian Riverina	D	20	20	100	0	0	0	0	0	0	0	0	0	0	20	0
23	Herb-rich Foothill Forest	Central Victorian Uplands	D	16,970	11,920	70	2,160	18	13	1,750	380	30	0	200	200	0	9,350	10
		Highlands - Northern Fall	LC	119,650	98,560	82		36			15,180	6,580	2,030	40,510	980	80	18,970	40
		Highlands - Southern Fall	LC	30,640	23,950	78		32			1,980	1,490	420	4,620	560	30	10,680	80
		Victorian Alps	LC	1,010	1,010	100		57			380	190	30	400	0	0	0	0
27	Blackthorn Scrub	Central Victorian Uplands	R	100	90	90		0			0	0	0	0	0	0	90	
		Highlands - Northern Fall	R	200	200	100	180	90				0	0	0	0	0	20	0
		Highlands - Southern Fall	LC	20	10			100				0	0	0	0	0	0	0
		Victorian Alps	R	10	10	100	10	100				0	0	0	0	0	0	0
29	Damp Forest	Central Victorian Uplands	LC	600	570	95		28			100	60	0	140	0	0	270	0
		Gippsland Plain	E	300	90	30		0			0	0	0	0	0	0	90	0
		Highlands - Northern Fall	LC	57,870	54,570	94		39			7,850	6,440	3,390	24,960	530	400	3,940	0
		Highlands - Southern Fall	LC		109,610	84		37			7,630	6,450	3,730	43,390	1,870	740	19,410	250
		Strzelecki Ranges	E	7,480	930	12 100		0 58			0	0	0	10	10	0	910	0
	DAY . =	Victorian Alps	LC	2,340	2,330						560	550	30	940	- 0	0	10	0
30	Wet Forest	Highlands - Northern Fall	LC	29,470	29,120	99		35			4,240	2,630	1,780	15,600	70		900	0
		Highlands - Southern Fall	LC	90,890	88,320	97 100		54 62			8,580	7,320	3,560	29,620	390	500	6,190	10
24	Cool Tomoroto	Victorian Alps	LC	3,440	3,430						490	850	50	1,220	0	10	20	
31	Cool Temperate	Highlands - Northern Fall	E E	2,750	2,740	100 100	2,220 5,600	81 90			1,460 1,510	130 210	20	430 510	0	60 30	10 40	
	Rainforest	Highlands - Southern Fall Victorian Alps	E	6,200 4,000	6,200 4,010	100	2,840	71			1,510 1,260	210 420	20 20	1,120	0 20		40	
26	Montono Dr. Moodless			1,100	1,100	100				.,			20			10	0	0
36	Montane Dry Woodland	Highlands - Northern Fall Highlands - Southern Fall	LC LC	270	1,100	96		55 27					0	490 190	0	0	0	0
I		Victorian Alps	LC	5,720	5,690	99		63					0	2,100	0	0	0	0
	l	victorian Aips	LC	5,720	5,690	33	5,590	03	00	90	2,980	520	U	2,100	U	U	U	. 0

_	T						A					E1/0 B				(1.)		
				Area	(ha)		Area of EVC	Level of	Level of protection of	CA	R Reserve		presentatio	n in each	land catego	ory (ha)		
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	currently in CAR Reserve System (ha)	EVC protection in CAR Reserve	pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves		Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	Private Land	Water Bodies
37	Montane Grassy Woodland	Highlands - Southern Fall	D	20	20	100	20	100	100	0	20	0	0	0	0	0	0	0
38	Montane Damp Forest	Highlands - Northern Fall	LC	1,060	1.070	101	360	34		10			80	620	0	10	0	0
	montano Bamp i oroci	Highlands - Southern Fall	LC	520	500	96		52			70	60	20	210	0	0	10	0
		Victorian Alps	LC	18,890	18,880	100	7,260	38	38	1,500	3,180	2,580	530	10,880	40	30	140	0
39	Montane Wet Forest	Highlands - Northern Fall	LC	850	850	100	250	29			90	60	20	580	0	0	0	0
		Highlands - Southern Fall	LC	1,140	1,150	101		63			30	70	40	390	0	0	0	0
		Victorian Alps	LC	48,110	48,100	100	26,600	55		-,	7,610	2,590	700	20,380	400	20	0	0
41	Montane Riparian Thicket		R	60	50	83		20			10	0	0	40	0	0	0	0
		Highlands - Southern Fall	LC	100	30	30 100	20 2,300	67 73		20	0	0	0	10	0	0	0	0
42	Cult alaine Chuuthland	Victorian Alps	LC R	3,160	3,160	100	170	100	100	.,	830	280	10	760	90	0	0	0
42	Sub-alpine Shrubland Sub-alpine Woodland	Victorian Alps Highlands - Northern Fall	LC	170 10	170 10	100		100		160	10	10	0	0	0	0	0	0
43	Sub-aipine woodiand	Victorian Alps	LC	7,920	7,880	99		90	90	6,260	740		20	520	240	0	10	0
44	Sub-alpine Treeless	Highlands - Southern Fall	R	10	10	100		100		0,200	140	10	0	020	0	0	0	
	Vegetation	Victorian Alps	R	290	290	100		66		10	150	30	0	50	50	0	0	0
45	Shrubby Foothill Forest	Gippsland Plain	Е	1,100	210	19	0	0	0	0	_	0	0	0	0		210	0
-	,	Highlands - Northern Fall	D	4,660	2,860	61		14	9	180	160	60	0	720	10	0	1,730	0
		Highlands - Southern Fall	LC	41,430	32,430	78	11,310	35	27	9,530	1,000	780	1,020	11,750	650	510	7,130	60
		Strzelecki Ranges	Е	610	80	13		0			0	0	0	0	0	0	80	0
		Victorian Alps	LC	60	60	100	60	100	100	60	0	0	0	0	0	0	0	0
47	Valley Grassy Forest	Central Victorian Uplands	V	34,070	11,180	33		3	1	370	0	0	0	0	60		10,680	70
		Gippsland Plain	V	110	20	18		0	0	0	0	0	0	0	0	0	20	0
		Highlands - Northern Fall Highlands - Southern Fall	V	810 29,640	390 8,680	48 29		8	3	30 950	30	0	0	0	30 370	0	320 7,330	10
		Victorian Volcanic Plain	V	29,640	8,680	29 17		0	0	950		0	0	0	0	0	7,330	0
48	Heathy Woodland	Gippsland Plain	LC	1.780	210	12		0	_	·	·	0	0	·	0	ŭ	210	
40	ricatily woodland	Highlands - Southern Fall	LC	1,930	1.880	97	1,160	62		810	_	50	0	600	50	-	70	0
53	Swamp Scrub	Gippsland Plain	E	4,530	230	5	0	0	0	0		0	0	0	70		160	0
		Highlands - Southern Fall	E	750	210	28	10	5	1	10	0	0	0	0	20		170	10
		Strzelecki Ranges	Е	240	20	8	0	0	0	0	0	0	0	0	0	0	20	0
55	Plains Grassy Woodland	Central Victorian Uplands	Е	23,990	5,390	22	50	1	0	50	0	0	0	0	180	0	5,140	20
		Gippsland Plain	Е	940	180	19		17		30	0	0	0	0	10		140	0
		Highlands - Northern Fall	Е	90	10	11		0	0	0	0	0	0	0	0	0	10	0
		Highlands - Southern Fall	E	1,830	340	19		6		0	20	0	0	0	80	0	220	20
		Victorian Riverina Victorian Volcanic Plain	E E	240 17.240	50 2.170	21 13		<u> </u>	0	0	Ŭ	U	0	0	240	0	50 1.810	10
56	Floodplain Riparian	Central Victorian Uplands	E	13,680	4,010	29		18	5	ŭ		0	0	0	480	0	2,290	530
36	Woodland	Gippsland Plain	E	1,490	240	16		0		710	0	0	0	0	190	-	2,290 50	330
	VVOodiand	Highlands - Northern Fall	E	60	20	33		0	,	Ŭ	0	0	0	0	0	0	20	0
		Highlands - Southern Fall	E	1,850	710	38		7	3	50	0	0	0	0	110	0	390	160
		Victorian Riverina	V	1,420	440	31		9	3	40		0	0	0	0	0	320	80
59	Riparian Thicket	Highlands - Northern Fall	V	520	520	100		98				0	0	10	0	0	0	0
		Highlands - Southern Fall	V	1,210	780	64		12	7	80		0	0	0	110		580	0
61	Box Ironbark Forest	Central Victorian Uplands	V	1,160	450	39		2	1	10		0	0	0	10	0	430	0
		Highlands - Southern Fall	V	1,450	1,090	75	100	9	7	30	70	0	0	0	230	0	750	10
68	Creekline Grassy Woodland	Victorian Volcanic Plain	Е	660	110	17		0	0	0	0	0	0	0	0	0	110	0
72	Granitic Hills Woodland	Central Victorian Uplands	D	1,190	830	70	0	0	0	0	0	0	0	0	10	0	820	0
00	Diseries Frances	Highlands - Northern Fall	LC	60	60	100	0	0	0	0	0	0	0	0	0	0	60	0
82	Riverine Escarpment Scrub	Highlands - Southern Fall	LC	40	20	50	20	100	50	20	0	0	0	0	0	0	0	0

					-		Area of		Level of										
				Area	(ha)		EVC	Level of	protection of	CA	R Reserve		resentatio	n in each	land catego	ory (na)			
				Alea	(lia)	Pre-1750 extent	currently in CAR Reserve	EVC protection in CAR	pre-1750 extent in CAR						Other	Other			
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	remaining (%)	System (ha)	Reserve	Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Public Land	Parks and Reserves	Private Land	Water Bodies	
83	Swampy Riparian	Gippsland Plain	E	1,080	670	62		34			0	0	0.002	01112	160	0	280	0	
00	Woodland	Highlands - Southern Fall	V	1.810	770	43		34			0	0	0	0	200	0	310	0	
106	Grassy Riverine Forest	Highlands - Southern Fall	na	180	30	17	0	0	0		0	0	0	0	10	0		0	
		Victorian Volcanic Plain	na	30	20	67		0	0	0	0	0	0	0	0	0	20	0	
124	Grey Clay Drainage-line																		
	Aggregate	Victorian Volcanic Plain	Е	500	130	26	0	0	0	0	0	0	0	0	0	0	130	0	
125	Plains Grassy Wetland	Victorian Volcanic Plain	Е	120	20	17	0	0	0	0	0	0	0	0	0	0	20	0	
126	Swampy Riparian	Central Victorian Uplands	E	5,130	1,770	35		0	0	0	0	0	0	0	80	0	1,690	0	
	Complex	Gippsland Plain	Е	7,890	940	12		0	0	0	Ŭ	0	0	0	30	0	910	0	
		Highlands - Northern Fall	V	3,840	1,180	31		2	1	U	20		0	10	60		1,000	0	
		Highlands - Southern Fall	Е	18,100	4,880	27		4	1	160			10	0	140		4,530	10	
		Strzelecki Ranges	E	2,930	390	13	0	0	0	V	U	U	0	0	0	0	390	0	
		Victorian Volcanic Plain	E	1,890	120	6	10	8	1	0	10	0	0	0	0	0	110	0	
127	Valley Heathy Forest	Central Victorian Uplands	V	360	220	61		0	·	·	Ŭ	0	0	0	0	0	220	0	
		Gippsland Plain	E E	2,730 600	290 200	11		0		v	0	0	0	0	0	0	290 200	0	
		Highlands - Northern Fall Highlands - Southern Fall	V	370	110	33 30		0		v	0	0	0	0	0	0		0	
100	0	·		180	40			0		V		0		0		0		0	
128	Grassy Forest	Gippsland Plain Highlands - Southern Fall	E	9,950	3,970	22 40				·	0	0	0	0	40	0	40 3,460	0	
132	Plains Grassland	Victorian Volcanic Plain	E	8,260	1,380	17		0	0	470	0	0	0	0	40	0		<u> </u>	
159	Clay Heathland/Wet	Gippsland Plain	D	1,760	630	36		30	11	Ů	0	, ,	0	0	30		410	0	
139		Highlands - Southern Fall	D	3,990	3,250	81		73			0	v	0	130	60			<u> </u>	
164	Creekline Herb-rich	Highlands - Southern Fall	V	5,780	2,300	40		4	2	_,-,	·			10	130			10	
104	Woodland	Victorian Volcanic Plain	E	30	2,300	67		50			10		0	0	130	0	10	10	
175	Grassy Woodland	Central Victorian Uplands	E	22,430	6.310	28		1					·		30	-			
173	Grassy Woodiand	Gippsland Plain	E	120	20	17		0	Ü		0	0	0	0	0	0	20	0	
		Highlands - Southern Fall	D	1.670	320	19		16	3	10	40	0	0	0	60	0		0	
		Victorian Riverina	E	140	70	50	0	0	0	0		0	0	0	0	0	70	0	
		Victorian Volcanic Plain	Е	320	60	19	0	0	0	0	0	0	0	0	30	0	30	0	
191	Riparian Scrub	Victorian Volcanic Plain	Е	190	80	42	0	0	0	0	0	0	0	0	0	0	80	0	
208	Sub-alpine Riparian																		
	Shrubland	Victorian Alps	R	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	
210	Sub-alpine Wet																		
	Heathland	Victorian Alps	Е	220	220	100	210	95	95	210	0	0	0	0	10	0	0	0	
211	Sub-alpine Wet Heathland/Alpine Valley																		
	Peatland Mosaic	Victorian Alps	Е	360	360	100	350	97	97	340	10	0	0	0	10	0	0	0	
793	Damp Heathy Woodland	Gippsland Plain	V	2,280	280	12	60	21	3	60	0	0	0	0	10	0	210	0	
		Highlands - Southern Fall	D	11,910	6,410	54	,	46	25	2,970	0	0	0	30	710	0	2,680	20	
894	Scoria Cone Woodland	Victorian Volcanic Plain	Е	50	10	20	0	0	0	0	0	0	0	0	0	0	10	0	
895	Escarpment Shrubland	Highlands - Southern Fall	Е	230	220	96		64		0	140	0	0	0	0	0	60	20	
		Victorian Volcanic Plain	Е	390	210	54	20	10	5	0	20	0	0	0	0	0	190	0	
897	Plains Grassland/Plains Grassy Woodland Mosaic																		
		Gippsland Plain	Е	120	20	17	0	0	0	0	0	0	0	0	0	0	20	0	
902	Gully Woodland	Highlands - Southern Fall	V	420	370	88	130	35	31	130	0	0	0	0	20	0	220	0	
937	Swampy Woodland	Gippsland Plain	Е	3,780	530	14		4	1	20	0	0	0	0	10	0		0	
1		Highlands - Southern Fall	Е	610	130	21		0	0	0	0	0	0	0	0	0	130	0	
		Victorian Volcanic Plain	Е	250	30	12	0	0		0	0	0	0	0	0	0	30	0	

							Area of		Level of			EVC Rep	resentatio	on in each	land catego	ory (ha)		
				Area	(ha)		EVC	Level of	protection of	CA	R Reserve	System						
							currently in	EVC	pre-1750									l
						Pre-1750	CAR	protection	extent in									ĺ
						extent	Reserve	in CAR	CAR						Other	Other		l
						remaining	System	Reserve	Reserve	Dedicated	Informal	Code			Public	Parks and	Private	Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	(ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Land	Reserves	Land	Bodies
969	Exotic Non-native	Central Victorian Uplands	n/a	0	1,850	n/a	0	0	n/a	0	0	0	0	0	10	0	1,840	C
	vegetation	Gippsland Plain	n/a	0	720	n/a	20	3	n/a	20	0	0	0	0	40	0	660	C
	_	Highlands - Northern Fall	n/a	0	8,780	n/a	180	2	n/a	100	40	40	210	190	240	0	7,960	C
		Highlands - Southern Fall	n/a	0	11,220	n/a	260	2	n/a	220	20	20	10	110	620	50	10,170	C
		Strzelecki Ranges	n/a	0	240	n/a	0	0	n/a	0	0	0	0	0	C	0	240	C
		Victorian Riverina	n/a	0	20	n/a	0	0	n/a	0	0	0	0	0	C	0	20	C
		Victorian Volcanic Plain	n/a	0	800	n/a	0	0	n/a	0	0	0	0	0	90	0	700	10
990	Non Vegetation	Central Victorian Uplands	n/a	0	82,370	n/a	350	0	n/a	340	10	0	0	0	1,060	0	80,830	130
		Gippsland Plain	n/a	0	36,430	n/a	40	0	n/a	40	0	0	0	0	1,140	0	35,250	C
		Highlands - Northern Fall	n/a	0	23,960	n/a	80	0	n/a	30	40	10	10	50	490	0	23,320	10
		Highlands - Southern Fall	n/a	0	114,130	n/a	720	1	n/a	530	180	10	20	100	1,640	110	111,460	80
		Strzelecki Ranges	n/a	0	9,760	n/a	0	0	n/a	0	0	0	0	20	10	0	9,730	C
		Victorian Alps	n/a	0	30	n/a	10	33	n/a	10	0	0	0	10	C	0	10	C
		Victorian Riverina	n/a	0	1,220	n/a	20	2	n/a	20	0	0	0	0	10	0	1,190	0
		Victorian Volcanic Plain	n/a	0	24,660	n/a	160	1	n/a	0	160	0	0	0	120	0	24,360	20
993	Bare Rock/Ground	Highlands - Southern Fall	n/a	20	20	100	10	50	50	10	0	0	0	0	C	0	10	0
998	Water Body - man-made	Central Victorian Uplands	n/a	0	4,220	n/a	50	1	n/a	50	0	0	0	0	20	0	110	4,040
	,	Highlands - Northern Fall	n/a	0	990	n/a	0	0	n/a	0	0	0	0	0	60	0	0	930
		Highlands - Southern Fall	n/a	0	6,540	n/a	80	1	n/a	70	0	10	0	0	190	0	60	6,210
		Victorian Volcanic Plain	n/a	0	450	n/a	0	0	n/a	0	0	0	0	0	C	0	0	450
1000	Alpine Crag Complex	Victorian Alps	n/a	10	10	100	10	100	100	10	0	0	0	0	C	0	0	0
1004	Alpine Grassy Heathland	Victorian Alps	R	280	270	96	260	96	93	260	0	0	0	10	C	0	0	C
Total				1,131,220	1,130,000	100	319,550	28	28	183,550	90,320	45,680	18,470	236,470	25,430	3,820	512,260	14,000

Only EVC/Bioregion combinations currently present in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries. This has resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 10 ha to account for the errors discussed above.

Table 14 Current representation of Ecological Vegetation Classes in the North East RFA region (as at 2009).

												EVC Repr	esentation	in each lar	nd category (h	ia)		
				Area	(ha)					CAR	Reserve Sy							
							Area of											
							EVC		Level of									
							currently in		protection of									
						Pre-1750	CAR	Level of EVC	pre-1750									
						extent	Reserve	protection in	extent in CAR						Other Parks	Other		
					_	remaining	System	CAR Reserve	Reserve	Dedicated	Informal	Code			and	Public	Private	Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	(ha)	system (%)	System (%)	Reserve	Reserve	Prescript-ion	SMZ	GMZ	Reserves	Land	Land	Bodies
7	Clay Heathland	Central Victorian Uplands	V	10	10	100		0	0	0	0	0	0	0	0	0	10	)
		Highlands - Northern Fall	V	30	30	100	20	67	67	20	0	0	0	0	0	0	10	)
8	Riparian Forest	Northern Inland Slopes	D	280	230	82	120	52	43	60	40	20	0	10	0	60	40	)
		Victorian Riverina	D		290			7	6	0	0	20	0	0	0	90	180	)
		Victorian Alps	LC		700	99		99	97	400	290	0	0	0	10	0	C	J
		Central Victorian Uplands	V	1,370	900			46	30	170	230	10	0	10	0	210	260	) 1
		Highlands - Southern Fall	LC		1,380	98		99	97	610	750	10	0		0	0	0	j
		Highlands - Northern Fall	LC	,	11,240	91	-, -,	78	71	2,570	5,740	480	20	450	150	590	1,180	) 6
9	Riparian Shrubland	Victorian Alps	R	100	100	100	100	100	100	100	0	0	0	0	0	0	C	J
		Northern Inland Slopes	D		360	78		50	39	180	0	0	0		0	80	100	
		Central Victorian Uplands	E	440	370	84		89	75	330	0	0	0		0	0	40	
		Highlands - Northern Fall	V	430	430			98	98	420	0	0	0		0	0	10	
:0	Heathy Dry Forest	Victorian Riverina	LC		20	17		0	0	0	0	0	0		0	0	20	)
		Victorian Alps	LC		240	104		92	96	160	30	30	0		0	0	C	)
		Highlands - Southern Fall	LC		5,830	100		84	84	2,270	2,040	600	440		0	0	C	)
		Northern Inland Slopes	LC		9,650	93		64	59	5,640	370	160	0		0	310	1,860	)
		Central Victorian Uplands	LC		16,360	67		28	19	2,360	1,920	290	20		0	110	6,570	)
		Highlands - Northern Fall	LC	58,510	54,880	94	31,450	57	54	20,810	6,840	3,800	610	16,750	40	140	5,840	5
1	Shrubby Dry Forest	Victorian Riverina	V	10	10	100		0	0	0	0	0	0	0	0	0	10	-
		Central Victorian Uplands	LC		1,110	78		59	45	350	260	40	0	260	0	0	200	
		Northern Inland Slopes	LC		1,150	84		40	34	90	320	50	0		0	0	440	)
		Victorian Alps	LC		2,960	100		68	68	1,190	270	560	50		30	0	C	)
		Highlands - Southern Fall	LC		7,540	99		81	80	3,420	1,750	900	560		0	0		)
		Highlands - Northern Fall	LC	277,880	266,990	96		56	53	80,700	40,180	27,370	3,160	101,910	1,500	540	11,620	) 1
2	Grassy Dry Forest	Victorian Riverina	D		320	32		6	2	20	0	0	0	0	0	10	290	
		Highlands - Northern Fall	LC		25,470	77		28	21	4,030	1,760	1,220	250		310	140	8,040	
		Central Victorian Uplands	D		68,620	57		24	14		5,800	1,020	40		0	1,050	38,810	) 3
		Northern Inland Slopes	D		95,950	68		32	21	14,690	13,700	2,050	20	13,930	0	1,550	50,010	)
3	Herb-rich Foothill Forest	Victorian Riverina	D		40			0	0	0	0	0	0	V	0	0	40	)
		Victorian Alps	LC		5,000	100		68	68	1,720	680	980	110		40	10	C	)
		Highlands - Southern Fall	LC		13,360	100		81	81	5,360	3,600	1,840	810		0	0	C	)
		Central Victorian Uplands	D		19,560	59		29	17	3,560	1,190	930	20		0	450	9,170	
		Northern Inland Slopes	LC		19,770	74		33	24	1,720	3,530	1,180	0	.,	0	360	8,660	
		Highlands - Northern Fall	LC		382,150	80		46	37	88,060	47,790	38,620	6,660		1,890	2,000	67,580	24
9	Damp Forest	Central Victorian Uplands	LC		220	96		59	57	110	0	20	0	60	0	0	30	)
		Highlands - Southern Fall	LC		1,300	100		99	99	450	840	0	0		0	0	C	1
		Victorian Alps	LC	,	2,260	100	,	69	69	640	430	500	20		10		C	1
		Highlands - Northern Fall	LC	44,490	44,230	99		65	65	11,780	8,810	8,170	1,300	13,150	190	360	460	1 1
0	Wet Forest	Northern Inland Slopes	LC	10	10	100		100	100	0	10	0	0	0	0	0		)
		Highlands - Southern Fall	LC		580	98		100	98	200	370	10	0		0	0	C	1
		Victorian Alps	LC		2,540	100		69	69	850	300	590	80			10	C	1
		Highlands - Northern Fall	LC		3,560	100		85	85	1,860	900	270	100		0	80	C	1 1
6	Montane Dry Woodland	Northern Inland Slopes	LC		280	100		36	36	10	90	0	0		0	0	0	4
		Highlands - Southern Fall	LC		680	100		75	75	330	100	80	60		0	0	0	4
		Highlands - Northern Fall	LC		12,730	100		59	59	4,570	1,740	1,250	280		120	40		4
		Victorian Alps	LC	,	123,980	100	-,	61	61	54,680	8,300	13,060	2,780	41,410	1,570	2,180		4
3	Montane Damp Forest	Northern Inland Slopes	LC	50	60	120		17	20	0	0	10	0	50	0	0	C	4
		Highlands - Southern Fall	LC		90				56	30	10		10				C	4
		Highlands - Northern Fall	LC		3,460	100		52	52	660	610	520	70		10			4
		Victorian Alps	LC		36,640	100		61	61	14,230	2,810	5,330	860	12,630	270	510	0	1
1	Montane Riparian Thicket	Highlands - Northern Fall	R		510	94		94	89	40	440	0	0	10	10	. 0	10	4
		Victorian Alps	LC	740	740	100		89	89	320	330	10	0	40	0	30	C	41
2	Sub-alpine Shrubland	Victorian Alps	R	2,190	2,180	100		82	81	1,780	0	0	0	_	0	400	C	1
3	Sub-alpine Woodland	Highlands - Northern Fall	LC		30	100		67	67	10	0	10	10		0	0	C	1
	1	Victorian Alps	LC	43,440	43,320	100	36,480	84	84	35,300	620	560	200	2,590	420	3.630	C	) <b>i</b>

_	1					ı	1					EVC Benz		in each lan	ad aatamami (h	\		
				Area	(ha)					CAR	Reserve Sy		esentation	in each iar	nd category (h	ia)		
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Reserve System (%)	Dedicated Reserve	Informal Reserve	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	Private Land	Water Bodies
44 47	Sub-alpine Treeless Vegetation	Victorian Alps	K	2,090	2,060	99		78	77	1,570	20 10	20	0	10	0	410	200	0
47	Valley Grassy Forest	Victorian Riverina Highlands - Northern Fall	V	2,070 6,430	420 2,590	20 40		39	16	260	730	10	0	.0	20	20 40	380 1,380	30
		Central Victorian Uplands	V	109,420	27,130	25		39 4	10	210	790	10	0			450	25,530	90
		Northern Inland Slopes	Ē		37,910	29		12	3	3.890	550	70	0		40		32.020	20
48	Heathy Woodland	Highlands - Northern Fall	D	40	40	100		100	100	0,000	40	0	0		.0	0	02,020	0
55	Plains Grassy Woodland	Highlands - Northern Fall	E		50	45		0	0	0	.0	0	0		0	0	50	. 0
	i idino Grassy Westiana	Northern Inland Slopes	E		1,040	16		2	0	10	10	-	0		0	60	950	10
		Central Victorian Uplands	E		5,410	14		0	0	20	0	0	0		0	140	5,230	20
		Victorian Riverina	E	98,910	14,440	15		1	0	120	0	0	0	20	0	240	14,050	10
56	Floodplain Riparian Woodland	Highlands - Northern Fall	Е	380	100	26		20	5	0	20	0	0	10	0	30	40	0
	·	Northern Inland Slopes	Е	13,570	2,790	21		6	1	150	0	10	0	0	0	1,060	1,450	120
		Central Victorian Uplands	Е	,	3,750	33		22	7	810	0	0	0	Ŭ	0	320	2,210	410
		Victorian Riverina	V	15,170	7,180	47		7	3	460	40	10	0	20	0	1,160	5,150	340
59	Riparian Thicket	Highlands - Northern Fall	V	340	90	26		0	0	0	0	0	0	0	0	0	90	0
61	Box Ironbark Forest	Victorian Riverina	V	2,460	650			8	2	50	0	0	0	0	0	50	550	0
		Central Victorian Uplands	V	9,370	2,130	23		0	0	0	0	0	0		0	20	2,110	0
		Northern Inland Slopes	V	8,430	5,000	59	3,170	63	38	3,170	0	0	0	0	0	110	1,720	0
67	Alluvial Terraces Herb-rich	Northern Inland Slopes	E		30	60		33	20	10	0	0	0		0	0	20	0
	Woodland	Victorian Riverina	V	160	30	19		0	0	0	0	0	0		0	0	30	0
68	Creekline Grassy Woodland	Central Victorian Uplands	Е		1,040	40		0	0	0	0	0	0		0	420	620	0
		Victorian Riverina	E		1,840	43		1	0	10	0	0	0		0	440	1,390	0
		Northern Inland Slopes	Е		2,050	54		7	4	140	0	10	0		0	760	1,140	0
72	Granitic Hills Woodland	Victorian Alps	LC		180	100		100	100	180	0	0	0		0	0	0	0
		Highlands - Northern Fall	LC		520	95		98	93	510	0	Ŭ	0		0	0	10	0
		Central Victorian Uplands	D LC		2,050 23,080	55 87		16	9	330	0	•	0		0	20	1,690	0
70		Northern Inland Slopes		-,	-,		-,	68	59	15,790	Ü	10	0		0	80	7,070	0
73		Central Victorian Uplands	LC		200 330	74 100		45 100	33 100	80 330	10	0	0		0	10	100	0
	Outcrop Herbland Mosaic	Victorian Alps Northern Inland Slopes	R V		1,230	100		96	96	1,050	130	0	0		0	10	40	0
		Highlands - Northern Fall	V R	1,510	1,450	96		86	83	870	380	0	0	v	0	20	180	0
74	Wetland Formation	Northern Inland Slopes	E		1,430	33		00	03	070	360	0	0		0	20	100	<u> </u>
/ 4	Welland Formation	Central Victorian Uplands	E		40	11		0	0	0	0	0	0		0	0	40	- 0
		Victorian Riverina	E		1,530	47		7	3	110	0	0	0		0	10	1.410	
79	Alluvial Terraces Herb-rich	Northern Inland Slopes	F	80	70	88		86	75	60	0	0	0		0	0	10	0
ľ	Woodland/Heathy Dry Forest	Victorian Riverina	V	680	530	78		87	68	460	0	0	0		0	0	70	0
80	Spring Soak Woodland	Central Victorian Uplands	Ē		10			0	0	.50	0	0	0		0	0	10	0
1	[	Northern Inland Slopes	Е	50	30			0	0	0	0	0	0	0	0	0	30	0
81	Alluvial Terraces Herb-rich Woodland/Creekline Grassy Woodland Mosaic	Victorian Riverina	V	340	210	62	0	0	0	0	0	0	0	0	0	100	110	0
82	Riverine Escarpment Scrub	Northern Inland Slopes	Е	110	90	82	20	22	18	0	10	10	0	10	0	30	30	0
I		Central Victorian Uplands	Е	1,770	420	24			2	40		0	0	0	0	0	380	0
L		Highlands - Northern Fall	V	500	480			81	78	120	250	20	0	20	0	30	40	0
83	Swampy Riparian Woodland	Victorian Alps	V	20	10			100	50	0	10		0		0	0	0	0
I		Highlands - Southern Fall	V	140	140	100		100	100	140	0	0	0		0	0	0	0
I		Central Victorian Uplands	Е	620	170	27		0	0	0	0	0	0		0	50	120	
		Northern Inland Slopes	Е		330	55		48	27	140	20		0		0	0	170	0
		Highlands - Northern Fall	V	3,810	2,620	69		59	40	450	970	120	0		0	240	740	0
84	Riparian Forest/Swampy Riparian		D		50	29		20	6	0	10	0	0		0	10	30	0
I	Woodland/Riparian	Central Victorian Uplands	V	840	300	36		27	10	50	20	10	0			80	130	
		Highlands - Northern Fall	D	- ,	4,020	72		74	53	750	2,030	180	10		140	270	330	110
127	Valley Heathy Forest	Victorian Riverina	E	40	10	25		0	0	0	0	0	0		0	0	10	0
I		Highlands - Northern Fall	E	140 1.560	40			25	7	10	0	0	0		0	0	30	
		Central Victorian Uplands	V	1,560	410	26	0	0	0	0	0	0	0	0	1 0	0	410	0

							1					EVC Bonz		in each las	ad aatamami (h	۵۱		
				Area	(ha)					CAF	Reserve Sy		esentation	in each iai	nd category (h	a)		
				7,100	(114)		Area of			<b>0</b> 7	110001100							i I
							EVC		Level of									i I
							currently in		protection of									i I
						Pre-1750	CAR	Level of EVC	pre-1750									i I
						extent remaining	Reserve System	protection in CAR Reserve	extent in CAR Reserve	Dedicated	Informal	Code			Other Parks and	Other Public	Private	Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	(ha)	system (%)	System (%)	Reserve	Reserve	Prescription	SMZ	GMZ	Reserves	Land	Land	Bodies
152	Alluvial Terraces Herb-rich	Northern Inland Slopes	E	60	30	50		67	33	20	0	0	0	CIVIZ	0	0	10	0
	Woodland/Plains Grassy	Victorian Riverina	Е	1,040	230	22		0	0	0	0	0	0	C	0	10	220	0
153	Alluvial Terraces Herb-rich																	
	Woodland/Valley Grassy Forest		_															1 1
150	Complex	Northern Inland Slopes Victorian Alps	E V	920 60	430 50	47 83		100	1 83	10 50	0	0	0	0	0	20	400	0
156 168	Alpine Coniferous Shrubland Drainage-line Aggregate	Victorian Aips Victorian Riverina	V E		330				83	10	0	0	0	_	0	10	270	40
171	Alpine Fen	Victorian Alps	E		10				100	10	0	0	0		0	10	2/0	140
172	Floodplain Wetland Aggregate	Victorian Riverina	V	740	600				5	20	20		0		0	40	480	30
174	Grassy Dry Forest/Rocky	Highlands - Northern Fall	LC		10			0	0	0	0	0	0		0	0	10	0
	Outcrop Shrubland/Rocky	Central Victorian Uplands	D	950	410	43	0	0	0	0	0	0	0	C	0	60	350	0
175	Grassy Woodland	Highlands - Northern Fall	D		260	55			17	0	70				0	10	170	0
		Victorian Riverina	E	7,530	1,270	17			1	60	0	0	0		0	100	1,110	0
		Central Victorian Uplands Northern Inland Slopes	E E		7,940 11,690	20 30		1	0	40 970	30 70	0	0		0 60	70 260	7,800 10.320	0
176	Heathy Dry Forest/Grassy	rvorutetti ittiattu Siopes	E	აი,ჟე0	11,090	30	1,040	9	3	970	70	0	0	10	00	∠00	10,320	U
170	Woodland Complex	Central Victorian Uplands	E	190	20	11	n	0	0	o	n	0	0	o.	0	0	20	0
185	Perched Boggy Shrubland	Highlands - Northern Fall	Е		160			0	0	0	0	0	0	C	0	0	160	0
186	Plains Grassy	Highlands - Northern Fall	Е		30			0	0	0	0	0	0	C	0	0	30	0
	Woodland/Floodplain Riparian	Northern Inland Slopes	Е	7,780	2,950	38	30	1	0	10	10	10	0	C	0	660	1,940	320
187	Plains Grassy Woodland/Grassy	Victorian Riverina	E	90	10	11		0	0	0	0	0	0		0	0	10	0
	Woodland Complex	Northern Inland Slopes	E	2,620	360	14	0	0	0	0	0	0	0	C	0	0	360	0
188	Plains Grassy Woodland/Valley																	i I
	Grassy Forest Complex	Northern Inland Slopes	Е	1,910	390	20	0	0	0	0	0	0	0		٥	10	380	0
190	Plains Grassy Woodland/Valley	Victorian Riverina	E		40			0	0	0	0	0	0	0	0	10	30	0
	Grassy Forest/Grassy Woodland		E		490	21		2	0	10	0	0	0	C	0	0	480	0
208	Sub-alpine Riparian Shrubland	Victorian Alps	R	10	10	100	10	100	100	10	0	0	0	C	0	0	0	0
211	Sub-alpine Wet Heathland/Alpine																	
	Valley Peatland Mosaic	\r	_	4.070	4.070	400	4.000	05	0.5	4 000								
040	O	Victorian Alps	Е	1,070	1,070	100	1,020	95	95	1,020	0	0	0	Ü	0	50	0	- 0
212	Swampy Riparian Woodland/Perched Boggy																	i I
	Shrubland Mosaic	Highlands - Northern Fall	V	1,360	510	38	70	14	5	60	10	0	0	C	o	40	400	0
213	Valley Grassy Forest/Box	Central Victorian Uplands	V	70	10			0	0	0	0	0	0	C	0	0	10	0
	Ironbark Forest Complex	Victorian Riverina	V	660	100			0	0	0	0	0	0	C	0	0	100	0
		Northern Inland Slopes	Е		250			·	0	0	0	0	0		0	0	250	0
235		Northern Inland Slopes	E		70			43	16	30	0	0	0	_	0	0	40	0
	Wetland Mosaic	Central Victorian Uplands Victorian Riverina	E	1,370 8,300	2,020	6 24		14	0	0 290	0	0	0		0	80	80 1,650	0
237	Riparian Forest/Swampy Riparian		V	210	2,020			0	0	290	0	0	0		0	0	20	0
	Woodland Mosaic	Northern Inland Slopes	D		320			3	1	10	0	0	0		Ö	140	170	0
		Highlands - Northern Fall	V		1,700	50	290	17	8	50	140	100	0	80	60	610	660	0
238	Plains Grassy	Northern Inland Slopes	E	20	10			0	0	0	0	0	0		0	0	10	0
	,	Victorian Riverina	Е	1,350	130	10	0	0	0	0	0	0	0	0	0	0	130	0
240	Plains Grassy Woodland/Creekline Grassy																	
	Woodland/Creekline Grassy Woodland/Wetland Formation			]														
	Mosaic	Victorian Riverina	Е	6,190	1,930	31	30	2	0	30	0	0	0	C	0	90	1,810	0
241	Valley Grassy Forest/Plains																	
	Grassy Woodland Complex	Central Victorian Uplands	V	570	70	12		0	0	0	0	0	0	0	0	0	70	0
244	Granitic Hills Woodland/Rocky	Central Victorian Uplands	D		40			0	0	0	0	0	0	C	0	0	40	0
0.47	Outcrop Shrubland/Rocky	Northern Inland Slopes	LC	3,810	3,530	93	2,510	71	66	2,510	0	0	0	0	0	120	900	0
247	Box Ironbark Forest/Grassy Woodland Complex	Central Victorian Uplands	V	210	70	33	0	0	0	0	0	0	0	C	0	0	70	0
248	Grassy Dry Forest/Granitic Hills Woodland Complex	Central Victorian Uplands	D	390	130	33	0	0	0	0	0	0	0	O	0	0	130	0

_			ı			T	T					EVC Dans	racantation	in each la	nd satemani /l			
				Area	(ha)					CAF	Reserve Sy		esentation	in each ia	nd category (I	na)		
				Alea	(IIa)	1	Area of			CA!	i Neserve S	Stem						l
							EVC		Level of									l .
							currently in		protection of									i i
						Pre-1750	CAR	Level of EVC										i i
						extent	Reserve	protection in	extent in CAR						Other Parks	Other		i i
						remaining	System	CAR Reserve	Reserve	Dedicated	Informal	Code			and	Public	Private	Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	(ha)	system (%)	System (%)	Reserve	Reserve	Prescription	SMZ	GMZ	Reserves	Land	Land	Bodies
250	Floodplain Riparian	Central Victorian Uplands	F	700	170	24		0	0	0	0	0	02	Cinz	110001100	0	170	Douics
	Woodland/Plains Grassy	Northern Inland Slopes	Ē	2,370	480	20		4	1	20	0	0	0	(	0	150	310	(
251	Grassy Woodland/Valley Grassy	Victorian Riverina	E	60	20			0	0	0	0	0	0	(	0	0	20	(
	Forest Mosaic	Northern Inland Slopes	Ē	1,250	280	22		0	0	0	0	0	Ö	Ò	0	ő	280	(
255	Riverine Grassy			, · · ·											<u> </u>			
	Woodland/Sedgy Riverine																	1
	Forest/Wetland Formation																	1
	Mosaic	Victorian Riverina	V	20	10	50	0	0	0	0	0	0	0	0	o <b>l</b> 0	0	10	(
265	Valley Grassy Forest/Grassy Dry						1		-		Ť				<del>                                     </del>			
200	Forest Mosaic	Central Victorian Uplands	V	240	150	63		0	0	0	0	0	0	(	0	0	150	(
268	Valley Grassy Forest/Grassy	Northern Inland Slopes	E	20	10			0	0	0	0	0	n	r	0 0	10	.00	7
_50	Woodland Complex	Central Victorian Uplands	V	150	30	20		0	0	0	0	n	n	-	0 0	n	30	7
274	Grassy Woodland/Plains Grassy					1	t	ŭ	Ü	Ť		<del>'</del>	Ĭ	<u> </u>	<del>                                       </del>	<del>                                     </del>		
2,4	Woodland Complex	Victorian Riverina	E	890	120	13		0	0	0	0	0	0	(	0	10	110	(
287	Plains Grassy Woodland/Box		_	330	.20	l	<del>                                     </del>	· ·	Ů	Ŭ		l	t – ť	<u> </u>	† Š			
	Ironbark Forest Complex	Victorian Riverina	F	60	30	50	n n	0	0	0	n	n	n	(	o <b>l</b> 0	10	20	r
288	Alpine Valley Peatland	Victorian Alps	F	180	180	100		100	100	180	0	0	n		) 0	0	20 N	<del></del>
295	Riverine Grassy Woodland	Victorian Riverina	V	5,910	2,110	36		12	4	230	20	0	0	60	) 0	70	1,690	40
334	Billabong Wetland Aggregate	Victorian Riverina	V V	340	280	82			12	40	20	0	0	00	0	70	1,030	80
803	Plains Woodland	Northern Inland Slopes	E		170					- 40	0	0	·		0	10	160	<del></del>
003	Plains Woodiand	Victorian Riverina		59,730	14,400	24		0	0	120	0	0	0		0	350	13,930	<del></del>
814	Riverine Swamp Forest	Victorian Riverina	D	400	370	93		32	30	60	60	0	0	10	0	30	180	- 20
815		Victorian Riverina	V	1,510	770	51		17	30	120	10	0	0	10	0	10	610	20
	Riverine Swampy Woodland		V	920	840	91			9			0	0	00	0	80		20
816	Sedgy Riverine Forest	Victorian Riverina	V	3,220				44	40	260	110	0	0	20	0	80	350	20
882	Shallow Sands Woodland	Victorian Riverina	E		1,160	36		0	0	0	0	0	·		0	0	1,160	<u> </u>
937	Swampy Woodland	Highlands - Northern Fall Central Victorian Uplands	E	750 320	120 130	16 41		0	0	0	0	0	0	-	0	10	120 120	<u> </u>
		Northern Inland Slopes	E	510	130	25		0	0	0	0	0	0		0	20	110	<del></del>
		Victorian Riverina	E	9,500	1,850	19			·	0	0	0	v	,	0 0		1,620	10
969	Evetic New petities regetation	Victorian Riverina	n/a	9,500	1,040	n/a		,	n/a	20	0	0	0	10			990	<del>- 10</del>
909	Exotic Non-native vegetation	Northern Inland Slopes	n/a	0	8,270	n/a			n/a	40	30	40	0	230		410	7.520	<del></del>
		Central Victorian Uplands	n/a	0	16,680	n/a			n/a	110	30	190		1.010			14.900	60
		Highlands - Northern Fall	n/a	0	42.680	n/a		1	n/a	140	190	290			20		39.820	- 00
990	Non Vegetation	Victorian Alps	n/a	0	42,080	n/a		83	n/a	50	190	290	110	2,000	1 0	10	J3,020 N	<del>_</del>
590	Non vegetation	Highlands - Northern Fall	n/a	0	81,480	n/a		03	n/a	690	240	90	20	720	20		77.970	610
		Victorian Riverina	n/a		183,960	n/a		0	n/a	660	240	0		20			180,530	210
		Northern Inland Slopes	n/a	0	206.930	n/a			n/a	600	100	40	Ŭ	360			201.800	150
		Central Victorian Uplands	n/a	n	221,080	n/a			n/a	640	100	30	_	240		2,110	217,690	270
992	Water Body - Fresh	Northern Inland Slopes	n/a	20	20			0	0	0	100	0			) 0		2,550 n	10
JJZ	Tratal Dody - 1 lean	Victorian Alps	n/a	290	30				3	10	0	0	Ü	7	) 0	0	n	20
		Victorian Riverina	n/a	870	850	98			2	20	0	0	n		0 0	330	260	240
998	Water Body - man-made	Victorian Alps	n/a		260	n/a			n/a	20	0	0	n	,	) 0	000		240
555	body man-made	Northern Inland Slopes	n/a		2.540	n/a			n/a	0	0	0	V	<del> </del>	) 0	10	370	2,160
		Highlands - Northern Fall	n/a	0	5,710	n/a		0	n/a	100	0	0			0	10	30	5,570
		Central Victorian Uplands	n/a	v	7,530	n/a			n/a	.00	0	10	Ü		0 0	110	400	7,010
		Victorian Riverina	n/a	0	9,180	n/a		0	n/a	40	0	0		Ì	0	10	370	8,760
1000	Alpine Craq Complex	Victorian Alps	n/a	510	520	102		98	100	510	0	0	0	(	0 0	10	0	5,. 50
	Alpine Grassland	Victorian Alps	R	1,520	1,500	99		97	95	1,450	0	0	n	ì	0 0	50	0	
1001	Alpine Crassiand Alpine Damp Grassland	Victorian Alps	R	1,040	1,020	98		97	95	990	0	0	n		) 0	30	n	<del></del>
1002	Sub-alpine Dry Shrubland	Highlands - Northern Fall	R	100	100	100		100	100	100	0	0	n		0	00	0	<del>_</del>
.000	Cas aipino bry Ornubianu	Victorian Alps	R	180	180	100		100	100	180	0	0	n	7	) 0	0	0	7
1004	Alpine Grassy Heathland	Victorian Alps	R	3,640	3,620	99		95	94	3,430	0	0	n		) 0	190	n	7
1012	Snowpatch Grassland	Victorian Alps	V	100	110	110			80	3,430	0	0	n	-	0	30	0	<del></del>
1012	Late-lying Snowpatch Herbland		F	90	90			-		90	0	0	- O	-	1 0	50	0	<del></del>
1014	Late-tying onlowpaton merbiand	VICTORIALI AIPS		90	90	100	90	100	100	90	U		. 0		<u>'</u>	U	U	

												EVC Repr	esentation	in each lar	nd category (h	ia)		
				Area	(ha)					CAF	Reserve Sy	stem						
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Reserve	Level of EVC protection in CAR Reserve system (%)	extent in CAR Reserve	Dedicated Reserve	Informal Reserve	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	Private Land	Water Bodies
1032	Floodplain Riparian Woodland/Riverine Grassy Woodland Mosaic	Victorian Riverina	Е	120	80	67	0	0	0	0	0	0	0	0	0	0	80	0
1035	Floodplain Riparian Woodland/Sedgy Riverine Forest Mosaic	Victorian Riverina	V	50	50	100	0	0	0	0	0	0	0	0	0	0	50	0
1040	Riverine Grassy Woodland/Riverine Swampy	Central Victorian Uplands Northern Inland Slopes	E	10 160	10 50	31	0	0	0	0	0	0	0	0	0	0 10	10 40	0
1085	Woodland Mosaic Mountain Valley Riparian	Victorian Riverina Central Victorian Uplands	V	11,670 30	3,620 20			0	0	50 0	0	0	0	140	0	160 10	3,250 10	0
	Woodland	Northern Inland Slopes Victorian Riverina	V	80 1,240	60 870			0	0	0 10	0	0	0	0	0	50 540	10 280	0 40
1087	Tall Marsh/Aquatic Herbland Mosaic	Victorian Riverina	V	10	10		10	100	100	10	0	0	0	0	0	0	0	0
1105	Alpine Rocky Outcrop Heathland/Alpine Dwarf Heathland Mosaic	Victorian Alps	R	550	550				98	540		0	0	0	0	10	0	0
Total				2,312,220	2,315,100	100	714,730	31	31	427,760	173,080	113,890	18,680	389,390	7,100	37,970	1,119,580	27,650

Only EVC/Bioregion combinations currently present in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries. This has resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 10 ha to account for the errors discussed above.

		1		_																
				Area	(ha)				I evel of	CA	R Reserve S	ystem								
EVC no.	FVC	Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve	protection of pre-1750 extent in CAR Reserve	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land		Vater odies	
1	Coastal Dune	Otway Ranges	D	90	40	44		100		40	0	. 0	0	0	0	0	0 0	0	0	
	Scrub/Coastal Dune	Warrnambool Plain	V	600	350	58		83		290	0	0	0	0	0	0	0	60	0	
	Grassland Mosaic	Otway Plain	D	2,010	1,290	64		84		1,080	0	0	0	10	0	60	10	130	0	
3	Damp Sands Herb-rich	Bridgewater	V	840	280	33		54		150	0	0	0	0	0	0	0	130	0	
	Woodland	Otway Ranges Warrnambool Plain	V E	430 12.690	360 1.030	84 8		69 11		250 110	0	0	0	0	0	10		100	0	
		Otway Plain	V	3.710	1,640	44		29		480	0	0	0	0	0	150	·		10	
		Victorian Volcanic Plain	V	4,880	2,050	42		7	16	150	630	0	0	390	0	0	0	880	- 10	
		Central Victorian Uplands	Е		2,430	28		14		330	0	0	0	0	0	50	0	2,040	10	
		Wimmera	V	7,580	5,310	70		23		1,240	450	0	320	50		00		3,140	30	
		Greater Grampians	LC		8,440	81		62	50	5,220	30	10	0	80	0	110	0	2,950	40	
		Dundas Tablelands	V	57,950	21,030	36		5	4	1,020	1,280	0	120	710 980	0	220	0	17,670	10	
5	Coastal Sand Heathland	Glenelg Plain Glenelg Plain	V R	73,730 30	22,520 40	31 133		31		6,880	1,920 20	10	60	960	0	50 20		12,620		
6	Sand Heathland	Victorian Volcanic Plain	LC	20	20	100	20	0	100	0	20	0	0	0	0	20	1 0	0	- 0	
ľ	cana i loannalla	Central Victorian Uplands	LC	30	30	100		100		30		0	0	0	0	0	1 0	Ö	0	
		Otway Plain	R	180	170	94		94		160	0	0	0	0	0	0	0	10	0	
		Dundas Tablelands	V		510	94		18		90		0	0	0	0	0	0	90	0	
		Glenelg Plain	R		1,220	88		56		680	410	10	0	20	0	0	0	100	0	
		Wimmera	D	1,630	1,500	92		85		1,280	60 570	0	0	0	0	0	0	160	10	
7	Clay Heathland	Greater Grampians	LC	11,640	11,470	99		90		10,270		0	0	10	0	20		590	10	
γ	Clay Heathland Wet Heathland	Otway Plain Dundas Tablelands	V	30 150	30 100	100 67		0	53	0	80	0	0	0	0	30		20		
٥	Wetricatillaria	Otway Ranges	LC	200	190	95		84		160		0	0	0	10	0	0	20	-0	
		Victorian Volcanic Plain	LC	540	520	96		98		510	0	0	0	0	10		0	0	0	
		Warrnambool Plain	E	3,120	630	20	280	44	9	280	0	0	0	0	60	20	0	270	0	
		Greater Grampians	V	1,340	1,200	90		93			0	0	0	0	0	30		50	0	
		Otway Plain	LC	1,780	1,340	75		70	53	940	0	0	0	0	300	10	0	90	0	
0	Coastal Saltmarsh	Glenelg Plain Bridgewater	LC	4,590 30	3,980 20	87 67		79 100			590	0	0	10	0	0		220	0	
9	Coastai Saitmarsn	Otway Plain	E		60	8		0	07	0		0	0	0	0	40	0	10	10	
		Victorian Volcanic Plain	V	790	240	30		0	0	0	0	0	0	0	Ö	60			70	
10	Estuarine Wetland	Bridgewater	Е	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0	
		Victorian Volcanic Plain	Е	40	20	50		0		0	0	0	0	0	0	20	0	0	0	
		Otway Plain	E		80	100		63		50	0	0	0	0	0	0	0	20	10	
40	Deceliate Octobrologia	Warrnambool Plain	D	,	800	67		36			0	0	0	0	0	20	0	430	60	
13	Brackish Sedgeland	Glenelg Plain Wimmera	V E	130 440	120 320	92 73		83 13		100 40		0	0	0	0	0		10	80	
16	Lowland Forest	Dundas Tablelands	LC		180	64		11		20		0	0	10	n	1	1 0	60	00	
		Otway Ranges	D	2,290	2,110	92		59	54	1,240	0	0	0	0	520	10	i c	340	- 0	
		Central Victorian Uplands	LC	4,510	3,430	76	1,210	31	27	1,080	130	0	0	0	0	100	0	2,120	0	
		Greater Grampians	LC	8,780	8,740	100		100		8,720	0	0	0	0	0	20		0	0	
		Glenelg Plain	LC		10,390	84		57		5,910	240	20	0	3,210	10		·	990	0	
		Warrnambool Plain Otway Plain	V D	54,560 56,820	12,720 29,690	23 52		43 25		5,410 7,470	0	0	0	0	1,630 8,080	90 2,550	0	5,590 11,580	10	
		Victorian Volcanic Plain	LC	32,840	30,060	92		43			830	50	0	6,960	7,330	2,550	) (	1,960	10	
17	Riparian Scrub/Swampy	Otway Ranges	LC		100	83		90		90		0	0	0,000	0,000	0	1 0	10	- 0	
	Riparian Woodland	Warrnambool Plain	V	1,000	620	62		21		130	0	0	0	0	120	0		370	0	
	Complex	Otway Plain	D	5,660	4,290	76		39	30	1,690	0	0	0	0	790	880	0	930	0	
18	Riparian Forest	Greater Grampians	D		160	100		100		160	0	0	0	0	0	0	0	0	0	
		Victorian Volcanic Plain	V	490	270	55		41		110	0	0	0	0	0	0	0	160	0	
		Glenelg Plain Warrnambool Plain	V	620 2,700	480 1,180	77 44		67 47			50 10	0	0	0	40	20	0	110 550	0	
		Central Victorian Uplands	V	1,460	1,180	82		24			420	20	v	10		30		410		
		Otway Plain	V	2,030	1,350	67		46		620	120	0	0	0	100			610	- 0	
		Otway Ranges	LC		2,670	89		51		1,350	0	0	0	0	770	30		520	0	

1				Area	ı (ha)					CΔ	R Reserve S		VC Represe	entation in e	each land ca	itegory (ha)	l I	1	
l				Alea	(IIa)				Level of	CA	n neserve s	ystem							İ
							Area of EVC	Level of EVC	protection of pre-1750										
ĺ						Pre-1750	currently in	protection	extent in										İ
ĺ						extent	CAR	in CAR	CAR						Other	Other			İ
ĺ						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.		Bioregion	Status		Current	(%)		system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land		Bodies
19	Riparian Shrubland	Goldfields Wimmera	D D		10 10		-	0	0	0	0	0	0		0	0	0	10	10
ĺ		Central Victorian Uplands	E					33	25	10	0	0	0		0	0	0	20	0
l		Dundas Tablelands	V	60					50	30	0	0	0	0	0	0	C	20	0
<u> </u>		Greater Grampians	LC		60	100		100	100	60	0	0	0		0	0	0	0	0
20	Heathy Dry Forest	Dundas Tablelands	LC		40 40			75	75	30	0	0	0		0	0	0	10	
ĺ		Victorian Riverina Victorian Volcanic Plain	LC LC		1,620	50 40		0	0	10	80	20	10		0	20		1.020	0
ĺ		Goldfields	LC		15,930	68		15	19	2,310	2,000	100	860			160	0	9,740	0
ĺ		Greater Grampians	LC	30,090	29,890	99		97	97	29,120	150	0	0		0	150	C	420	10
		Central Victorian Uplands	LC		68,450	73	<u> </u>	28	28	19,410	6,130	580	1,690		0	1,580	30		30
21	Shrubby Dry Forest	Goldfields Otway Plain	LC LC	230 1,060	160 840	70 79		43	9 34	10 360	10	0	0		0	0	0	480	0
l		Otway Ranges	LC		1,020	100		97	97	990	0	0	0		20	0	0	10	0
1		Central Victorian Uplands	LC		8,270	90		61	56	5,060	80	30	280			170	C	1,980	0
22	Grassy Dry Forest	Victorian Riverina	D		10			0	0	0	0	0	0		0	0	C	10	
ĺ		Highlands - Northern Fall	LC			75		0	0	0	0	0	0		0	10	0	20	
ĺ		Wimmera Otway Ranges	D D		60 280	100 97		64	62	0 180	0	0	0		0	50	0	60	0
ĺ		Victorian Volcanic Plain	D		1,520	25		1	3	100	160	10	0	Ţ	0	10	0	1.250	0
l		Greater Grampians	D	2,270	2,200	97	1,820	83	80	1,820	0	0	0	0	0	20	C	360	0
ĺ		Goldfields	D		32,930	63		17	19	5,500	3,980	540	830		0	20	C		0
00	Heat with Frankill Frank	Central Victorian Uplands	D		41,310	59		13	16	5,220	5,210	390	1,260		0	430	0	25,500	10
23	Herb-rich Foothill Forest	Bridgewater Otway Ranges	V D	180 3,330	40 180	22		25 61	3	10 110	0	0	0		0	10	0	60	U
ĺ		Highlands - Northern Fall	LC		1,150	97		0	0	0	0	0	0		0	70	C	1,080	0
i		Greater Grampians	D	3,150	1,180	37	.,	92	35	1,090	0	0	0			10	C	70	0
ĺ		Glenelg Plain	V	10	1,800	18,000		15	5,300	270	250	10	0			0	0	860	0
ĺ		Otway Plain Goldfields	V D	5,220 4,890	1,990 2,440	38 50		41	16 20	820 260	570	140	30		500	0	0	670	0
ĺ		Warrnambool Plain	V	81,330	9,410	12		34	5	3,170		0	0			20	0	4.850	0
ĺ		Victorian Volcanic Plain	V	230	23,880	10,383	4,080	14	1,774	3,300	740	40	0	3,540	1,450	110	C	14,700	0
		Central Victorian Uplands	D	,	50,090	52		6	11	2,850	6,150	1,060	3,050	7,140	0	850	0	28,770	220
28	Rocky Outcrop Shrubland	Central Victorian Uplands Dundas Tablelands	LC	70	60 120	86 80		0	0 20	0	20	0	0	70	0	0	0	60	0
i		Greater Grampians	LC LC		13,910	100		91	96	10 12,700	750	0	0			10		80	0
29	Damp Forest	Greater Grampians	LC		300	100	-, -,	100	100	300	730	0	0		0	0	0	0	0
		Central Victorian Uplands	LC		1,830	80		34	49	620	440	60	160	60	0	0	C	490	0
30	Wet Forest	Glenelg Plain	LC	10	10	100		100	100	10	0	0	0	0	0	0	0	0	0
i		Greater Grampians Otway Plain	LC LC		170 270	100 87		100 81	100 71	170 220	0	0	0		10	0	0	40	0
		Central Victorian Uplands	LC		520	98		12	51	60	160	50	70			0	0	80	0
		Otway Ranges	LC		42,110	83		68	56	28,600	0	0	0		4,900	70	C	8,520	20
31	Cool Temperate Rainforest	Otway Ranges	Е	10,170	9,000	88	6,580	73	65	6,580	0	0	0	0	630	0	О	1,790	0
37	Montane Grassy Woodland	Central Victorian Uplands	V	10	10	100	10	100	100	10	0	0	0	0	0	0	С	0	e
45	Shrubby Foothill Forest	Otway Plain	LC		1,200	74		43	32	520	0	0	0	V	140	0	C	540	0
l		Warrnambool Plain	D		1,490	54		78	42	1,160	0	0	0	V	150	10	C	170	0
İ		Greater Grampians Otway Ranges	LC LC		4,170 27,440	100 81		100 57	100 47	4,170 15,700	0	0	0	Ŭ	5,190	330	0	6,220	0
l		Central Victorian Uplands	LC		36,320	94		12		4,200	5,460	1,530	11,680	V		190	0	4,970	40
47	Valley Grassy Forest	Victorian Riverina	V	30	10			0	0	0	0	0	0	0	0	0	d	10	0
İ		Highlands - Northern Fall	V	80	20			0	0	0	0	0	0		0	0	C	20	0
l		Victorian Volcanic Plain	V	3,360	1,030	31		3	3	30	80	0	0	v	0	10	C	910	0
l		Goldfields Greater Grampians	V	5,390 6,570	2,980 5,740	55 87		11 71	14 62	320 4,100	390	20	30		-	70 50	0	2,150 1,580	0
4	ı	Central Victorian Uplands	V	51,350	20,200	39		8	6	1,680	1,480	40	0			300	0	16,490	30

		1						1		1			VC Dansas	ontotion in a	each land ca	togoni (bo)			
				Area	(ha)					CA	R Reserve S		vc Represi	entation in e	each land ca	tegory (na)			-
				7	()				Level of	<u> </u>	T	, yo.o							
								Level of	protection										
							Area of EVC	EVC	of pre-1750										
						Pre-1750	currently in	protection	extent in										
						extent	CAR	in CAR	CAR						Other	Other			
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
48	Heathy Woodland	Otway Ranges	LC	410	420	102	340	81	83	340	0	0	0	0	40	0	0	40	0
		Warrnambool Plain	V	1,900	450	24		51					0		40	10	0	170	
		Victorian Volcanic Plain	V	890	810	91		19					0		40	0	0	140	
		Goldfields	D		3,020	50		28			10		10		0	120	0	1,780	0
		Central Victorian Uplands	D		3,520	64		26			30		30		0	70	0	2,280	0
		Dundas Tablelands	LC		12,300	77		5	39		5,580	0	240	,	0	60	0	3,930	150
		Otway Plain	LC		22,620	85		48			0	0	0	v	3,150	4,850	0	3,780	
		Wimmera	LC	48,020	43,680	91		26			12,660	0	6,030		0	100	0	12,170	
		Glenelg Plain	LC	60,020	49,930	83		31			16,500	50			40	0	0	5,250	0
50	Curama Carut	Greater Grampians	LC	58,300	54,510	93	- ,	80	78	43,850	1,720	0	0		0	330	0	7,660	
53	Swamp Scrub	Wimmera Bridgewater	E E	10 60	10 60	100 100		33	33	20	0	0	0	-	0	0	0	10 40	
		Otway Ranges	E F	220	70	100 32		29		20		0	0		0	0	0	50	
		Central Victorian Uplands	E		150	45		29		20		0	0		0	0	0	110	
		Otway Plain	V	1,890	730	39				v	,	0	0	-	0	90	0	520	
		Dundas Tablelands	Ē	3,750	930	25		10		90		·	0			10	0	820	
		Warrnambool Plain	Ē		1,150	7	100	9		100		Ŏ	0			0	0	990	
		Glenelg Plain	V	3.880	1,230	32		25				, o	0	_	0	0	0	660	
		Victorian Volcanic Plain	Е	26,360	3,380	13	1.050	28		940		0	0		0	20	0	2.150	
55	Plains Grassy Woodland	Warrnambool Plain	E	4,950	70	1	0	0		0	0	0	0	0	0	0	0	70	0
		Otway Plain	Е	16,230	970	6	50	5	0	50	0	0	0	0	0	210	0	710	0
		Victorian Riverina	Е	7,310	1,580	22	510	32	7	510	0	0	0	20	0	20	0	1,030	0
		Goldfields	Е	6,770	2,190	32	360	16	5	360	0	0	0	90	0	30	0	1,700	10
		Glenelg Plain	Е	41,120	5,390	13		2	0	90			30		0	10	0	4,880	0
		Greater Grampians	V	11,120	5,930	53		14					0		0	0	0	4,430	
		Central Victorian Uplands	Е	32,170	8,590	27		12		1,060	60		0		0	860	60	6,490	
		Wimmera	E		14,970	31		12	4	1,830	100		0		0	790	0	11,560	200
		Victorian Volcanic Plain	E		54,080	8		3	0	1,420	60				0	1,160	230	50,670	950
		Dundas Tablelands	E	312,740	74,960	24	- 7	4	3	2,750	5,250	90	180		0	160	0	57,370	
56	Floodplain Riparian	Central Victorian Uplands Goldfields	E	110 160	40 40	36 25	20 10	50 25	18	20 10		0	0	v	0	0	0	20 30	
	Woodland	Wimmera	E		310	67		42	28			0	0	Ŭ	0	0	0	160	
		Otway Plain	E		530	9		42	0	20		0	0	-	0	70	0	370	
		Glenela Plain	V	1,870	950	51		38	v			0	0		0	70	0	590	
		Victorian Riverina	V	2.630	1,300	49		45				0	0		0	10	0	460	
		Victorian Volcanic Plain	Ē		3,080	19		6		200		10		-	0	40	0	2,730	
		Dundas Tablelands	V	14,750	5,470	37		16	7	850	0	110	80	120	0	60	0	4,250	
61	Box Ironbark Forest	Wimmera	D	140	70	50	20	14		10	10	0	0		0	0	0	50	0
		Victorian Volcanic Plain	D	590	380	64		0	0	0	0	0	0	0	0	0	0	380	0
		Victorian Riverina	V	870	480	55		56			0	0	0		0	0	0	210	0
		Central Victorian Uplands	V	8,110	5,950	73		43			0	0	0		0	360	170	2,840	10
		Goldfields	D	17,320	11,270	65		27		3,050	10	20			0	310	0	7,370	
64	Rocky Chenopod Woodland		V	80	40	50		0		0	0	0	0	_	0	0	0	40	
		Central Victorian Uplands	V	1,670	920	55		46	25		0	0	0		0	20	0	480	
65	Sedge-rich Woodland	Wimmera	V	170	170		150	88				0	0		0	0	0	20	
66	Low Rises Woodland	Wimmera	E	5,260	2,300	44		37				0	10		0	0	0	1,060	
67	Alluvial Terraces Herb-rich	Victorian Volcanic Plain	E		80	32						0	0		0	0	0	80	
	Woodland	Wimmera	V	290	140	48		36				0	0		0	0	0	90	
		Dundas Tablelands	E	2,040	770	38		23					0	_	0	0	0	450	
		Greater Grampians Central Victorian Uplands	LC E	1,060 8,130	1,030 3,970	97 49		83 10		850 410			0			80	0	140 3.330	
		Goldfields	E		3,970 4,850	49		70	11						0	100	0	3,330	
L	ı	Goldinelus		10,000	4,000	45	1,230		- 11	340	000	30	100	10		100		3,350	

		Г				1	Т						VC Bankas	ontotion in	aaah land a	otogoni (bo			
				Area	(ha)					CA	R Reserve S		VC Repres	entation in	each land ca	ategory (ha			
				Aice	(nu)				Level of	- 0,1	T TOOLIVE C	yotom	1						1
								Level of	protection										1
						D 4750	Area of EVC	EVC	of pre-1750										1
						Pre-1750 extent	currently in CAR	protection in CAR	extent in CAR						Other	Other			1
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and		C'wealth		Water
EVC no.	FVC	Bioregion	Status	Pre-1750	Current	(%)			System (%)		Reserves		SMZ	GMZ	Reserves		Land	Private Land	
68	Creekline Grassy	Glenelg Plain	E		10	100		0		0	0	. 0	0		) (	0	0	10	0
	Woodland	Otway Plain	Е		50	45		0		0	0	0	C		,	20	0	30	0
		Victorian Riverina	Е	540	350	65		11	7	40	0	0	C		0	0	0	300	0
		Greater Grampians	E	640	460	72		4	3	20	0	0	C		0	0	0	440	0
		Wimmera Central Victorian Uplands	E		1,150 1,210	49 41		39 17		450 210		10	0		<u>′</u>	10	10	690 940	0
		Goldfields	E		1,850	41		28				10	0			20	10	1.320	0
		Victorian Volcanic Plain	E	25,540	3,730	15		12		460		Ö				40	0	3,140	80
		Dundas Tablelands	Е	29,520	10,600	36		1	1	60		0	C	10	) (	20	0	10,320	10
69	Metamorphic Slopes																		
	Shrubby Woodland	Goldfields	D	80	50	63		0	0	0	0	0	C		<u> </u>	0	0	50	0
70	Hillcrest Herb-rich	Central Victorian Uplands	D		40	100		0	0	0	·	0	C			0	0	40	0
74	Woodland	Goldfields	D		670	86		36				0	C		0	0	0	290	0
71	Hills Herb-rich Woodland	Glenelg Plain Goldfields	V D	140 260	120 130	86 50		50				0	0			0	0	60 100	
1		Victorian Volcanic Plain	V	1,610	300	19		3	12	10		0		,	,	30	0	260	0
1		Wimmera	V	1,390	760	55		4	2	30		Ö	C		,	0	0	730	Ö
		Dundas Tablelands	V	2,480	1,850	75	530	4	21	80		0	C	10	0	0	0	1,310	0
		Central Victorian Uplands	V	18,220	11,030	61		24			80	10	70			130	0	8,040	0
		Greater Grampians	LC		11,360	92		64	59	7,250	40	0	C			40		4,000	0
72	Granitic Hills Woodland	Victorian Volcanic Plain	E		190	17		0	0	0	0	0	C			0	0	190	0
70	Darder Outron	Central Victorian Uplands	D		3,160	57		19				0	C			0	10		0
73	Rocky Outcrop Shrubland/Rocky Outcrop	Victorian Volcanic Plain Wimmera	V R	10 10	10 10	100 100		100		10		0	0			0	0	10	0
	Herbland Mosaic	Goldfields	V	230	30	13		0		10		0	0		,	0	0	30	0
	I lorbiana inicoalo	Dundas Tablelands	LC	80	50	63		20		10	10	0	Č		0 0	0	0	30	0
		Central Victorian Uplands	LC		530	91		75	76		30	10	30	C	0	0	0	60	0
		Greater Grampians	LC		5,960	99		97			0	0	C		0	0	0	180	0
74	Wetland Formation	Victorian Volcanic Plain	Е		10	n/a		0			0	0	C	V	,	0	0	10	0
		Goldfields	E	50 290	50 110	100		80 27				0	C		,	0	0	10	0
		Wimmera Central Victorian Uplands	E	180	110	38 83		0	10	30	0	0	0			0	0	80	150
		Otway Plain	E	230	210	91		19	17	40	0	0			) 0	0	0	40	130
76	Grassy Woodland/Alluvial	Victorian Volcanic Plain	E		10	20		0	0	0	0	0	0		) 0	0	0	10	0
	Terraces Herb-rich	Central Victorian Uplands	Е	580	130	22		0	0	0	0	0	C			0	0	130	0
	Woodland Mosaic	Goldfields	E	18,130	5,270	29	260	4	1	210	40	10	C	70	0	30	0	4,910	0
77	Alluvial Terraces Herb-rich																		
I	Woodland/Plains Grassy	0	F			400				ا			Ι.				l ,	l	ا
81	Woodland Mosaic Alluvial Terraces Herb-rich	Greater Grampians Goldfields	E	20 30	20 20	100 67		50	50	10	1 0	0	0	0	,	0	0	10 20	0
01	Woodland/Creekline	Central Victorian Uplands	V E		20 170	68		0	0	0	1 0	0			, ,	0	0	170	0
83	Swampy Riparian	Victorian Volcanic Plain	E		360	8	30	8	1	30	· · · · ·	0			,	30	0	300	0
-	Woodland	Otway Plain	E	2,710	510	19		4	1	20		Ö	C		10		0	480	0
L		Central Victorian Uplands	Е		900	22		2	0	20		0	C	C	0	50	0	830	0
84	Riparian Forest/Swampy																		
	Riparian														1	1			1 1
	Woodland/Riparian														1	1			
	Shrubland/Riverine Escarpment Scrub Mosaic														1	1			ı l
1	Lacarpinent actub Mosaic	Central Victorian Uplands	V	110	20	18	n	0	0	n	n	0		0	n (	n 0	n	20	n
93	Sandstone Ridge Shrubland		LC		70	n/a		0	n/a	0	1 0	0	0			0 0	0	70	0
ا ا	aaaaaaaaaga omabiana	Wimmera	V	100	520	520	190	37		190	0	i	1	0	0	0	0	330	0
103	Riverine Chenopod																		
	Woodland	Wimmera	Е	20	1,290	6,450		22		290		0			0	100	0	860	40
104	Lignum Swamp	Otway Plain	E		40	0	v	0	0	0	0	0		_	0	0	0	40	
1		Victorian Volcanic Plain	E	80	60	75		0	0	0	0	0	C		0	0	0	50	10
		Wimmera	Е	80	70	88	0	0	0	. 0	0	0	C	(	y C	<b>ار</b>	. 0	70	0

	1	Γ											\(\(\O_1\)						
				Area	(ha)					CA	R Reserve S		VC Repres	entation in	each land c	ategory (na T			
				Aicu	(IIII)				Level of	- 07	T TOOLIVE C	J	1						
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
125	Plains Grassy Wetland	Glenelg Plain	E	70	40			0	14	0	0	10	C			0	0	10	0
		Victorian Riverina	E	80	40			100	50	40	0	0	C			0	0	0	0
		Central Victorian Uplands Wimmera	E E	170 200	60 100	35 50		0	0	0	) 0	0	0			30	0	30 100	0
		Dundas Tablelands	E	2.560	870	34		0	0		10	0		,	,	) 0	0	840	10
		Victorian Volcanic Plain	E		5,960	14		0	Ö	10		Ö	0		_	10	0	5,790	150
126	Swampy Riparian Complex	Central Victorian Uplands	Е		10	10		0	0	C	0	0	C	O C		0	0	10	0
		Victorian Volcanic Plain	Е	420	20	5	0	0	0	C	0	0	C	0	(	0	0	20	0
127	Valley Heathy Forest	Victorian Riverina	Е	50	10	20	0	0	0	C	0	0	C	0	(	0	0	10	0
		Highlands - Northern Fall	E		20			0	0	C	0	0	C			0	0	20	0
		Goldfields	E	400	260			0	0		0	0	C	,		0	0	260	0
100		Central Victorian Uplands	V	980	560			2	1	10	0	0	C	_		10	0	540	0
128	Grassy Forest	Victorian Volcanic Plain	E		20			0	0	<u> </u>	0	0	C		_	0	0	20	0
1		Otway Plain Central Victorian Uplands	E V	1,590 10,070	220 4,440	14 44		0	0	10	, .	0	20			20	0	220 4,310	0
132	Plains Grassland	Dundas Tablelands	E		20			0	1	10	00	0	20		-	20	0	4,310	10
132	Fiailis Glassialiu	Central Victorian Uplands	E		110			0	0		) 0	0				20	0	90	0
		Otway Plain	E	4,300	140		0	0	0	ď	0 0	0	C			10	0	120	10
		Wimmera	E		210		0	0	0	C	0	0	d	0		0	0	210	0
		Victorian Volcanic Plain	Е	836,100	62,450	7	740	1	0	740	0	0	C	50		1,360	1,630	58,240	430
134	Sand Forest	Central Victorian Uplands	E		30	60		0		0	0	0	C	,	(	0	0	30	0
		Dundas Tablelands	E	70	40			0	29	C	20	0	C		(	0	0	20	0
		Victorian Volcanic Plain	E		300			0	0	C	<u> </u>	0	C		`	0	0	300	0
		Greater Grampians	E		570			4	7	20	40	0	C			,	0	500	0
136	Sedge Wetland	Central Victorian Uplands	V	10	10			0	100	0	0	0	C	_		10	0	0	0
		Victorian Volcanic Plain Wimmera	V E	20 10	20 160			19			20		C			0	0	80	10
		Greater Grampians	E		310			81								0	0	40	0
		Dundas Tablelands	E	460	340	74		15								) 0	0	50	0
		Glenelg Plain	V	3,400	2,090	61		21					_		i	0	0	760	0
140	Mangrove Shrubland	Victorian Volcanic Plain	V	30	20	67	0	0		C	) 0	0	C	0		0	0	20	0
	, and the second	Otway Plain	V	60	60	100	40	67	67	40	0	0	C	0		0	0	20	0
152	Alluvial Terraces Herb-rich	Dundas Tablelands	E		20							0	C	0	(	0	0	0	0
	Woodland/Plains Grassy	Victorian Volcanic Plain	E		210					30		0	C		,	10	0	170	0
	Woodland Complex	Goldfields	E		360			0	0	C	,	0	C			0	0	360	0
100	0	Central Victorian Uplands	E	7,030	1,760	25		3	1	60		0	C			10	0	1,680	0
160	Coastal Dune Scrub	Bridgewater	LC		1,560	96		98			0 0	0	C	_		0	0	30	0
161	Coastal Headland Scrub	Warrnambool Plain Victorian Volcanic Plain	D V	3,220 20	1,840 10	57 50		66	38	1,220	1 0	0	0			10	0	610	0
101	Coastal Readiand Scrub	Bridgewater	V	160	130	81		92	75	120	) 0	0				10	0	10	0
l		Glenelg Plain	E	480	440	92		43				0	0			80	0	90	0
l		Otway Plain	V	770	630	82		87				o o	0	_		0	0	80	0
		Warrnambool Plain	V	2,260	1,310	58	1,170	89	52	1,170		0	C	0		10	0	130	0
		Otway Ranges	D	1,770	1,390	79	800	58	45	800	0	0	C	0	(	10	0	580	0
162	Coastal Headland Scrub/Coastal Tussock Grassland Mosaic	Warrnambool Plain		1,450	760	52	620	82	43	620								140	
163	Coastal Tussock Grassland		V	1,450	30						1 0	0	0	) 0	1 -	1 0	0	140	0
103	Coasiai Tussouk Grassiano	Otway Ranges	V	60	50			80				0	0			) 0	0	10	0
l		Otway Plain	V	110	80			38				0	0		1 6	0	0	30	20
		Warrnambool Plain	V	440	390			97				0		,		0	0	10	0
164	Creekline Herb-rich	Wimmera	E		10			0			0	i ö	C	_	1 0	0	0	10	0
		Goldfields	E	410	270			33	27	90	10	10	C	20		0	0	140	0
		Victorian Volcanic Plain	Е	1,340	390	29	60	5	4	20			C	0	) (	10	0	300	20
		Central Victorian Uplands	V	7,280	3,600	49	1,080	19	15	670	410	0	C	10	(	180	0	2,300	30

	1	T		1									VO D			- t · · (l '			
				Area	(ha)					CA	R Reserve S	vstem	VC Repres	entation in o	each land ca	ategory (na			
				Aicu	(IIII)				Level of		T RESERVE C	ystem							í '
								Level of	protection										1
							Area of EVC	EVC	of pre-1750										1 '
						Pre-1750	currently in	protection	extent in										i '
						extent	CAR	in CAR	CAR						Other	Other			i '
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
165	Damp Heath Scrub	Otway Ranges	E	70	30	43		33		10	0	0	0	0	0	0	0	20	0
		Otway Plain	Е		90	18		33		30	0	0	0		0	10	0	50	. 0
		Greater Grampians	LC		1,330	99		98			10	0	0	0	0	10	0	0	0
		Warrnambool Plain	V	15,840	2,200	14	1,130	51	7	1,130	0	0	0	0	0	10	0	1,060	0
174	Grassy Dry Forest/Rocky																		1 '
	Outcrop Shrubland/Rocky		_								l _	_	_	_	_	_	_		. '
	Outcrop Herbland Mosaic	Greater Grampians	D	120	90	75		22	17		0	0	0	0	0	0	0	70	0
175	Grassy Woodland	Warrnambool Plain	E		150		0	0	0	0	9	0	0		0	20	0	130	0
1		Dundas Tablelands	E		490		0	0		000	0	0	0	Ÿ	0	0	0	490	0
1		Victorian Riverina	E	1,430	640			31				0	0	-	0	0	0	440	0
1		Wimmera	E E		1,400	27 12		13	7	180 60		0	0	-	0	200	0	1,030 3,720	0 80
1		Victorian Volcanic Plain Otway Plain	E	77.570	4,060 5,290	12	180	1	0	180		0	0	,	0	40	0	3,720 4,730	340
1		Central Victorian Uplands	E		15,210	23		2	0	330		0	0		0	480	40	4,730 14.320	10
1		Goldfields	V		19,600	31		2	1	480		20				150	40	18,080	0
177	Valley Slopes Dry Forest	Central Victorian Uplands	LC	,	19,000			100	100			20	0			130	0	10,080	0
178	Herb-rich Foothill	Goldfields	D		10			0		0		0	0		0	0	0	0	0
170	Forest/Shrubby Foothill	Otway Plain	V	200	70			14		10	_	0	0		20	0	0	40	
	Forest Complex	Highlands - Northern Fall	D		180			0		10		0	0	-	20	0	0	180	0
	Forest Complex	Otway Ranges	D		4,190	71		34		1,440	1 0	0	0		1,940	0	0	810	0
		Central Victorian Uplands	D		4,470	71		0	10		480	130	1,570			170	0	980	60
179	Heathy Herb-rich Woodland		D		3,720	68		5					1,070	410		170	0	2,250	00
17.5	Ticatily Field floir Woodiana	Wimmera	D		6,640			17			840		810			10	0	3,740	0
		Glenelg Plain	D		15,560	57		31			2,400		200		0	10	0	5,280	
181	Coast Gully Thicket	Warrnambool Plain	E	, ,	200	59		85				0	0	2,000	0	0	0	30	0
184	Montane Wet Heathland	Greater Grampians	LC		50			100				0	0	0	0	0	0	0	0
191	Riparian Scrub	Central Victorian Uplands	E		20			0	0	- 0		0	0		0	0	0	20	0
1.0.	Tapanan Coras	Victorian Volcanic Plain	E		100					60	10	0	0		Ö	0	0	30	0
		Wimmera	E	890	530	60		0	0	0	0	0	0		0	10	0	520	0
		Dundas Tablelands	Е	890	560	63	100	4	11	20	80	0	0	0	0	0	0	460	0
		Glenelg Plain	D	2,470	1,900	77	1,550	34	63	650	900	0	0	40	0	0	0	310	0
		Greater Grampians	LC	2,300	2,260	98	2,130	93	93	2,110	20	0	0	0	0	50	0	80	0
192	Montane Rocky Shrubland	·									1				1				
	1	Greater Grampians	LC	1,870	1,870	100	1,870	100	100	1,870	0	0	0	0	0	0	0	0	0
193	Rocky Outcrop Herbland	Dundas Tablelands	LC		30	150		33			10		0			0	0	0	0
	<u> </u>	Greater Grampians	LC	9,960	9,950	100		99			40	0	0	30	0	0	0	30	0
195	Seasonally Inundated	Central Victorian Uplands	D		10			100				0	0		0	0	0	0	0
	Shrubby Woodland	Victorian Volcanic Plain	Е	450	170			35				0	0	0	0	0	0	110	0
1		Glenelg Plain	Е		280			4	15				0		0	0	0	210	0
1		Dundas Tablelands	D		1,210	65		10		120			0		0	0	0	730	30
		Wimmera	LC		1,410	84		37			210	-	20		0	0	0	650	10
		Greater Grampians	LC	4,270	3,280	77	1,800	52	42	1,700	100	0	0	10	0	0	0	1,440	30
196	Seasonally Inundated Sub-	o. 51 :									] .								i '
L	saline Herbland	Otway Plain	R	60	50			100				0	0	0	0	0	0	0	0
198	Sedgy Riparian Woodland	Glenelg Plain	V	30	10			0		0	ì	0	0		0	0	0	10	0
1		Dundas Tablelands	E	90	60			33				0	0		0	0	0	40	0
		Otway Ranges	V	90	70							. 0	0	-		0	0	30	0
I		Goldfields	V	170	120						20	10	0			0	0	40	
		Victorian Volcanic Plain Warrnambool Plain	V	580 2.930	380 770			71				0	-			10	0	60	0
1		Otway Plain	E D		1.630	26 68		40					0				0	390 480	0
		Greater Grampians	LC	2,380	2,350	96		26 94			40		0		450	60	0	480 30	10
		Central Victorian Uplands	D		2,350	75		94	24						0	70	0	1,140	30
<u> </u>	l .	Contrar victorian Opianus	U	3,200	2,470	/5	190	4		110	5/0	110	100	200	1 0	70		1,140	30

Part   Part	_							r		EVC Representation in each land category (ha)  CAR Reserve System											
Part   Part					Area	(ha)					CA	R Reserve S		VC Repres	entation in	each land ca	ategory (na				
Section   Processor Marks						,	extent remaining	currently in CAR Reserve	EVC protection in CAR Reserve	protection of pre-1750 extent in CAR Reserve	Dedicated	Informal	Code			Parks and	Public				
Variety   Vari									system (%)	System (%)	Reserves	Reserves	Prescription			Reserves	Land	Land			
Virtual Virt	200						67		0	0	0	0	0			0	0	0			
Victorian Volation Plane   1				V			82		0	9	10	0	0	Ÿ	,	) (	20	0			
Section   Paper   Section   Sectio				E								0	0			-	0	10			
Durdist Taplishnois   V												50	0			0	0	0			
Strictly We Forces												0	0				0	0			
Second Control   Control				•								60	20	,		0	20	0			
Service   Serv	201											0	0				0	0			
Samp   Samp												0	0					0			
Variante Program   V   370   220   59   90   41   24   90   0   0   0   0   0   0   0   0	202			LC	. ,	- 1	86	16,950	52	45	16,950	0	0			-,	170	0	-,		
Victoriary Victoriary Plant   Victoriary Plant   Victoriary Victoriary Plant   Victoria	203			V			59	90	41	24	90	0	0				0	0			
Well-Sarch Tricket   Cheep Plane   R				V								0	0	_		0 0	0	0			
Charge   C	233			R		410						0	0	0			0	0			
Salga Welfand Mosaic   Codified S			Otway Ranges	R	850	840	99	630	75	74	630	0	0	0	(	210	0	0	0	0	
Regarian ForestSwampy   Regarian Woodland Mosale   Contral Victorian Uplands   V   250   10   38   0   0   0   0   0   0   0   0   0	235								0	0	0	0	0	0	(	0	0	0			
Rigarian Woodland Mosiles   Central Victorian Uplands   V   250   100   38   0   0   0   0   0   0   0   0   0			Goldfields	E	210	170	81	0	0	0	0	0	0	0	(	0	0	0	170	0	
Central Victorian Uplands   V   260   100   38   0   0   0   0   0   0   0   0   0	237																				
Valley Grassy Forest Plants   Greater Campians   E   10   10   100   0   0   0   0   0   0		Tripanan woodiand wosaic	Central Victorian Uplands	V	260	100	38	0	0	0	0	0	0	0	(	ol 0	0	0	100	0	
Grassy Woodland Complex (Central Victorian Uplands   V   170   50   29   0   0   0   0   0   0   0   0   0	241	Valley Grassy Forest/Plains		E					0	0	0	0	0	0		) 0	0	0			
Woodland/Plains Grassy   Undas Tablelands   E   1,730   320   18   70   19   4   60   0   10   0   0   0   0   0   250   0			Central Victorian Uplands	V	170		29	0	0	0	0	0	0	0	(	0	0	0	50	0	
Plains Grassy   Victorian Riverina   E   30   20   67   0   0   0   0   0   0   0   0   0	250											0	0			0	0	0			
Woodland/Creekine   Grassy Woodland/Plox   E   180   130   72   0   0   0   0   0   0   0   0   0										4	60	0	10			0	0	0			
Grassy Woodland Mosaic Central Victorian Uplands E 270 140 52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 140 0 0 160 160 160 160 160 160 160 160 16	261									0	0	0	0		_	0	0	0			
Grassy Woodland/Pokins   Central Victorian Rherina   E   310   160   52   0   0   0   0   0   0   0   0   0									0	0	0	0	0	V	,	<u> </u>	0	0			
Inohairk Forest Complex   Central Victorian Uplands   E   1,390   860   62   0   0   0   0   0   0   0   0   0	262								0	0	0	0	0				0	0			
Plains Grassy   Confidence   Central Victorian Uplands   E   100   30   30   0   0   0   0   0   0   0	202								0	0	0	ŏ	Ö	-		, ,	0	0			
Grassland/Plains Grassy Victorian Riverina	263								0	0	0	0	0	0		) (	0	0			
Sand Ridge Woodland   Wimmera   E   1,000   500   50   80   14   8   70   10   0   0   0   0   0   0   0   0		Woodland/Plains	Central Victorian Uplands						0	0	0	0	0	0	C	0	0	0			
Valley Grassy Woodland Complex									_	0	0	ŏ	0			0	0	0	1		
Forest/Grassy Woodland   Contral Victorian Uplands   V   210   60   29   0   0   0   0   0   0   0   0   0			Wimmera	E	1,000	500	50	80	14	8	70	10	0	0	(	0	0	0	420	0	
Riparian Woodland Mosaic Central Victorian Uplands E 140 60 43 10 17 7 10 0 0 0 0 0 0 0 0 0 0 0 0 50 0 0 0 0 0	268	Forest/Grassy Woodland	Central Victorian I Inlands	V	210	60	20	0	0		0	,							60		
Shrubland/Swampy   Riparian Woodland Mosaic   Central Victorian Uplands   E   140   60   43   10   17   7   10   0   0   0   0   0   0   0   0	269		Central Victorian Opianas	•	210	- 00	25			Ü		l		·		,			- 00		
Swampy Riparian   Woodland/Spring Soak   Woodland/Spring Soak   Central Victorian Uplands   E   50   30   60   0   0   0   0   0   0   0   0	200	Shrubland/Swampy																			
Woodland/Spring Soak   Woodland Mosaic   Central Victorian Uplands   E   50   30   60   0   0   0   0   0   0   0   0			Central Victorian Uplands	Е	140	60	43	10	17	7	10	0	0	0	(	0	0	0	50	0	
Part   Part	272	Woodland/Spring Soak	Control Victorian Halanda	_	E0.	20	60	0	0	0	0								20		
Heathland Thicket   Dundas Tablelands   LC   10   10   10   10   10   10   10   0	278								100	100	430	0	0	0		) 0	0	0	30 n	0	
Floodplain Thicket   Dundas Tablelands   V   670   450   67   360   24   54   110   220   30   10   10   0   0   0   0   0   0   0											-130 N		0			1	0	0	0	0	
Floodplain Thicket   Dundas Tablelands   V   670   450   67   360   24   54   110   220   30   10   10   0   0   0   30   40	Γ.,										610		0				0	0	Ö	0	
Strubby Woodland   Greater Grampians   LC   2,480   2,420   98   2,320   90   94   2,170   140   10   0   60   0   0   0   0   10   30	280			V	670	450				54	110	220	30	10	10	0	0	0	30		
Central Victorian Uplands   R   220   220   100   220   100   100   220   0   0   0   0   0   0   0   0		·								94		140	10				0	0			
Dundas Tablelands   V   540   520   96   220   35   41   180   30   10   0   130   0   0   0   170   0	282											0	0				0	0	10		
Greater Grampians   LC   10,310   8,390   81   5,800   68   56   5,740   60   0   0   30   0   20   0   2,540   0												٥	0				0	0	0	U	
Plains Sedgy Woodland Glenelg Plain V 80 50 63 20 0 25 0 20 0 10 0 0 0 0 20 0 0 0 0 0 0 0 0 0				V													20	0			
Greater Grampians V 550 510 93 170 31 31 160 10 0 0 20 0 0 0 320 0 Dundas Tablelands D 1,520 1,240 82 940 17 62 210 720 10 0 50 0 0 0 220 30	283	Plains Seday Woodland									5,740 n						20	0	1	Ů	
Dundas Tablelands D 1,520 1,240 82 940 17 62 210 720 10 0 50 0 0 0 220 30									Ö		160					,	0	0			
	1		Dundas Tablelands		1,520	1,240	82	940	17	62	210	720	10	0	50	0		0	220	30	
				D	2,180	1,710	78	580	12	27	210	350	20	250	40	0	0	0	840	0	

													VO D						
				Area	(ha)					CA	R Reserve S		VC Represe	entation in o	each land ca	ategory (ha			
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Level of protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
285	Dry Creekline Woodland	Wimmera	E	10	10	100		0	0	0	0	0	0		0	0	0	10	0
		Dundas Tablelands Greater Grampians	E E	120 530	70 430	58 81		30		130	10 40	0	0			0	0	40 240	0
291	Cane Grass Wetland	Victorian Volcanic Plain	V	280	210			0		130		0	0			20		130	60
201	Carlo Crass Welland	Wimmera	V	1,210	1,080	89		23				0	0		0	50	C	350	420
292	Red Gum Swamp	Goldfields	Е	30	20			0		0		0	0		0	0	C	20	0
	·	Central Victorian Uplands	E		60			17	3	10	0	0	0	0	0	0	0	50	0
		Victorian Volcanic Plain	E		160	11		0	0	0	·	0	0		0	0	0	160	0
		Dundas Tablelands	E	1,140	960	84 14		6	5	60	0	0	20		0	0	0	260	620
		Glenelg Plain Wimmera	E V	7,860 21,870	1,070 15,360	70		6		950	140	50 50				20		880 13,150	870
293	Riparian Forest/Creekline	Willinera	V	21,670	15,300	70	1,140	0	3	930	140	50	90	90	-	20		13,130	870
	Grassy Woodland Mosaic	Central Victorian Uplands	V	150	90	60	10	11	7	10	0	0	0	0		0	0	80	0
300	Reed Swamp	Victorian Volcanic Plain	E	30	30			0	0	0		0	0	0		0	0	30	0
		Warrnambool Plain	E	40	30	75		67	50	20	0	0	0	0	C	0	C	10	0
		Greater Grampians	V	50	40			50				0	0	•	0	0	0	20	0
		Otway Plain	V	560	550	98		93		510	0	0	0		0	0	0	40	0
302	Coastal	Victorian Volcanic Plain Otway Plain	E	1,050 4,020	540 3,030	51 75		41 55			0	0	0			70	90	150 1.030	10 260
320	Saltmarsh/Mangrove Grassy Dry Forest/Heathy	Goldfields	D		180	32		55			0	0	0			30		1,030	260
320	Dry Forest Complex	Central Victorian Uplands	D	3,360	2,420	72		0	46	0	1,540	0	0	0	1 0	40	- 0	840	0
333	Red Gum Swamp/Plains	Contrar Victorian Opianao		0,000	2,120		1,010			·	1,010	Ť						0.0	
	Grassy Wetland Mosaic	Victorian Riverina	E	100	60	60	60	100	60	60	0	0	0	0	0	0	C	0	0
336	Montane Rocky Shrubland/Shrubby Foothill				0.0	400		400	400										
349	Forest Complex Rocky Outcrop	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0		0		0	
	Shrubland/Rocky Outcrop Herbland/Hills Herb-rich Woodland Complex	Greater Grampians	LC	80	80	100	80	100	100	80	0	0	0	0		, ,		0	0
350	Rocky Outcrop Shrubland/Rocky Outcrop Herbland/Grassy Dry Forest	Greater Grampians	D		60	100		67		40			-	0				20	
351	Mosaic Rocky Outcrop	Greater Grampians	U	60	00	100	40	07	67	40	-	0	U	U	-	0		20	
	Shrubland/Rocky Outcrop Herbland/Grassy Dry Forest Complex	Central Victorian Uplands	LC	2,130	1,950	92	1,340	40	63	780	550	10	100	10	C	10	C	490	0
357	Rocky Outcrop Shrubland/Heathy Dry Forest Complex	Greater Grampians	LC	150	140	93	140	100	93	140	0		0	0				0	
358	Rocky Outcrop Shrubland/Heathy Woodland Complex	Greater Grampians	LC	10	10	100		100				0	n	n	0	0	0	0	0
361	Rocky Outcrop Shrubland/Grassy Dry Forest Complex	Greater Grampians	LC		20	100		100				0	0	0	C	0	C	0	0
371	Damp Forest/Herb-rich Foothill Forest Complex	Greater Grampians	LC	150	150	100	1	100		150		0	0	0	0	0	d	0	0
372	Damp Forest/Lowland Forest Complex	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	0	0	C	0	C	0	0
373	Damp Forest/Riparian Scrub Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	c	0	С	0	0
376	Shrubby Foothill Forest/Lowland Forest Complex	Greater Grampians	LC	420	420	100	420	100	100	420	0	0	0	0	С	0	С	0	0

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				Area	(ha)					CA	R Reserve S		VC Represe	entation in	each land ca	itegory (ha		ı	
				71.00	()				Level of	9/1	110001100	1	1						
							Area of EVC	Level of EVC	protection of pre-1750										
						Pre-1750	currently in	protection	extent in										
						extent	CAR	in CAR	CAR						Other	Other			
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
<b>EVC no.</b> 377	EVC Shrubby Foothill	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
3//	Forest/Heathy Dry Forest																		
	Complex	Greater Grampians	LC	110	110	100	110	100	100	110	0	0	0	C	0	0	0	0	0
378	Herb-rich Foothill																		
	Forest/Lowland Forest Complex	Greater Grampians	D	10	10	100	10	100	100	10			١ ,			١,			
379	Herb-rich Foothill	Greater Grampians	D	10	10	100	10	100	100	10	U	0	0		0	U	U	0	- 0
0/3	Forest/Damp Sands Herb-																		
	rich Woodland Complex	Greater Grampians	D	50	50	100	50	100	100	50	0	0	0	0	0	0	0	0	0
380	Herb-rich Foothill																		
	Forest/Sedgy Riparian Woodland Complex	Greater Grampians	D	10	10	100	10	100	100	10	0		٥		_	_	^		
381	Herb-rich Foothill	Orcator Orampians		10		100	10	100	100	10	•	1				·		ľ	
	Forest/Grassy Dry Forest												1					1	
	Complex	Greater Grampians	D	10	10	100	10	100	100	10	0	0	0	C	0	0	0	0	0
382	Lowland Forest/Heathy Dry Forest Complex	Greater Grampians	LC	740	740	100	740	100	100	740	0				,			_	,
383	Lowland Forest/Valley	Oreater Orampians	LC	740	740	100	740	100	100	740	0	,	-				0	<u> </u>	
000	Grassy Forest Complex	Greater Grampians	V	1,320	1,200	91	1,000	83	76	1,000	0	0	0	C	0	0	0	200	0
384	Lowland Forest/Heathy																		
205	Woodland Complex	Greater Grampians	LC	70	70	100	70	100	100	70	0	0	0	0	0	0	0	0	0
385	Lowland Forest/Riparian Forest Complex	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	ا ا		م ا	0	0	0	
386	Lowland Forest/Riparian											Ť				·	_	_	
	Scrub Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
388	Lowland Forest/Grassy Dry	Greater Grampians	D	60	60	100	60	100	100	60	0		١ ,				0		
389	Forest Complex Heathy Dry Forest/Hills	Greater Grampians	D	60	60	100	00	100	100	00	0	,	0		-		U	, ·	
000	Herb-rich Woodland																		
	Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	C	0	0	0	0	0
390	Heathy Dry Forest/Valley	Greater Grampians		440	430	98	430	100	98	430			١ ,			١ ,			
391	Grassy Forest Complex Heathy Dry Forest/Damp	Greater Grampians	V	440	430	90	430	100	90	430	U	0	0	·	1 0	U	U	0	
331	Sands Herb-rich Woodland																		
	Complex	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
392	Heathy Dry Forest/Shrubby																		
	Woodland Complex	Greater Grampians	LC	60	60	100	60	100	100	60	0	0	۱ ،		ا ا	۱ ،	0	0	
393	Heathy Dry Forest/Heathy	Ordator Ordinplans		00	- 00	100	- 00	100	100	00		<del>`</del>	<u> </u>			·		ľ	
	Woodland Complex	Greater Grampians	LC	470	470	100	470	100	100	470	0	0	0	0	0	0	0	0	0
399	Hills Herb-rich																		
	Woodland/Valley Grassy Forest Complex	Greater Grampians	V	80	80	100	70	88	88	70	0		٥		, ,	_	0	10	
400	Hills Herb-rich	C.Cator Grampiano	V	00	- 50	100	70	- 00	- 00	70	-	<del>`</del>	<del>— "</del>		<del>                                     </del>	l "	, , , ,	10	<del></del>
	Woodland/Shrubby																		
	Woodland Complex	Greater Grampians	LC	40	40	100	40	100	100	40	0	0	0	0	0	0	0	0	0
401	Hills Herb-rich Woodland/Heathy																		
	Woodland Complex	Greater Grampians	LC	750	750	100	730	97	97	730	0	0	0	0	0	0	0	20	e
408	Valley Grassy Forest/Herb-											Ì	i i			Ť	i i	i	
	rich Foothill Forest Complex										_	_	l .	_	_	_	_		_
		Greater Grampians	V	10	10	100	10	100	100	10	0	0	0		0	0	0	<u> </u>	0

	r												VO D						
				Area	(ha)					CA	R Reserve S		VC Repres	entation in	each land ca	itegory (ha			
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Level of protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
409	Valley Grassy Forest/Heathy Woodland Complex	Greater Grampians	V	160	150	94	150	100	94	150	0	0	0	l c	) 0	0	l c	0	
410	Valley Grassy Forest/Sedgy Riparian Woodland Complex	Greater Grampians	E	40	40	100	40	100		40	0	0	0	C	) 0	0	C	0	0
411	Valley Grassy Forest/Damp Sands Herb-rich Woodland Complex	Greater Grampians	V	50	50	100	50	100	100	50	0	0	0	C	) 0	0	C	0	0
413	Valley Grassy Forest/Shrubby Woodland Complex	Greater Grampians	E	20	20	100	20	100	100	20	0	,	0		0	0			0
414	Damp Sands Herb-rich Woodland/Shrubby	·		360						330				10		10			3
417	Woodland Complex Damp Sands Herb-rich Woodland/Alluvial Terraces Herb-rich Woodland Complex	Greater Grampians  Greater Grampians	LC	360	360	100	330	92		330	0	0	0	10	0	10		10	0
418	Damp Sands Herb-rich	Wimmera	V	10	10	100	10	100	100	10		0	0	C	0 0	0	C	0	0
421	Woodland/Heathy Damp Sands Herb-rich Woodland/Sedgy Riparian	Greater Grampians	LC	160	170	106	160	88	100	150	10	0	0	С	0	0	С	10	0
422	Woodland Complex Damp Sands Herb-rich	Greater Grampians	LC	160	160	100	160	100	100	160	0	0	0	С	0	0	С	0	0
	Woodland/Sedgy Riparian Woodland Mosaic	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	С	) 0	0	С	0	0
423	Damp Sands Herb-rich Woodland/Dry Creekline Woodland Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	c	0	0	c	0	0
426	Heathland Thicket/Sand Heathland Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	C	) 0	0	С	0	0
427	Heathland Thicket/Wet Heathland Complex Floodplain Thicket/Riparian	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	С	0	0	С	0	0
430	Scrub Complex	Greater Grampians	LC	50	50	100	50	100	100	50	0	0	0	C	0	0	C	0	0
431	Floodplain Thicket/Sedgy Riparian Woodland Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	) 0	0	0	0	0
432	Floodplain Thicket/Shallow Freshwater Marsh Complex	·																	
434	Floodplain Thicket/Damp	Dundas Tablelands Dundas Tablelands	V	80 10	60 10		10	0	25 100	0	10	0	0		0 0	0	0	0	40 0
436	Heathland Complex Shrubby Woodland/Damp Sands Herb-rich Woodland Mosaic	Greater Grampians  Greater Grampians	LC	10	10	100	30	100	100	30	10	0	0	0	0	0		0	0
438	Mosaic Shrubby Woodland/Alluvial Terraces Herb-rich Woodland Mosaic	Greater Grampians  Greater Grampians	LC	180	180	100		89		160	0	0	0	0	, 0	0	0	20	0
439	Shrubby Woodland/Alluvial Terraces Herb-rich Woodland Complex	Greater Grampians	LC	70	70	100	70	86		60	10	0	0	С	0	0	С	0	0

				Aron	(ha)					CA	R Reserve S	E	VC Repres	entation in	each land ca	ategory (ha			
				Area	(na)				Level of	CA	R Reserve 5	ystem							i l
						Pre-1750 extent	Area of EVC currently in CAR	Level of EVC protection in CAR	protection of pre-1750 extent in CAR						Other	Other			
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)		Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
441	Shrubby Woodland/Heathy					` '	, ,	` `	, , , ,			Ì							$\overline{}$
	Woodland Complex																		i l
		Greater Grampians	LC	310	300			93		280	0	0	0	C	0	0	0	20	0
442	Shrubby Woodland/Plains	Wimmera	E		10		10	100		10	0	0	0	Ų	0	0	0	0	0
440	Grassy Woodland Complex	Greater Grampians	Е	40	40	100	30	75	75	30	0	0	0	Ü	0	0	0	10	0
443	Shrubby Woodland/Seasonally Inundated Shrubby										_					_			
444	Woodland Complex	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	C	) 0	0	0	0	0
444	Shrubby Woodland/Hills Herb-rich Woodland					1					1						1		i l
	Complex	Greater Grampians	LC	60	60	100	60	100	100	60	0	0	0	0	0	0	0	0	0
448	Shrubby Woodland/Sand			00					700		Ì	Ť			† Š	Ť	<u> </u>	Ť	ı
	Heathland Complex	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
449	Shrubby																		
1	Woodland/Riparian Scrub	L				l					Ι.		_	l .			] _		, l
450	Complex	Greater Grampians	LC	30	20	67	20	100	67	20	0	0	0	C	0	0	0	0	0
450	Shrubby Woodland/Sedgy Riparian Woodland																		i l
	Complex	Greater Grampians	LC	100	100	100	60	60	60	60	0	0	0	10	م ا	10	0	20	ا م
451	Shrubby	Greater Grampians		100	100	100	- 00	- 00	00	- 00	ľ			- 10	,	- 10		20	—— <u> </u>
401	Woodland/Seasonally																		i l
	Inundated Shrubby																		i l
	Woodland Mosaic	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	C	0	0	0	0	0
452	Alluvial Terraces Herb-rich																		i l
	Woodland/Hills Herb-rich			40	40	400		400	400	40			_				_		ا
454	Woodland Complex	Greater Grampians	LC	40	40	100	40	100	100	40	0	0	0	Ü	0	0	0	0	0
454	Alluvial Terraces Herb-rich Woodland/Claypan																		1
	Ephemeral Wetland																		i l
	Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	C	0	0	0	0	0
455	Alluvial Terraces Herb-rich																		
	Woodland/Claypan																		i l
	Ephemeral Wetland Mosaic																		ı .l
457	Allerial Tarres	Greater Grampians	LC		30			100		30		0	0	0	0	0	0	0	0
457	Alluvial Terraces Herb-rich Woodland/Sedge Wetland	Dundas Tablelands Greater Grampians	E LC		10 20		10 20	100 100	100 100	10 20		0	0		0	0	0	0	0
458	Red Gum Wetland/Shallow	Croater Grampians	LC	20	20	100	20	100	100	20	<del>                                     </del>	•	U		1	<del> </del>	U	0	
100	Freshwater Marsh Mosaic					1					1						1		i l
		Greater Grampians	V	30	30	100	10	33	33	10	0	0	0	C	0	0	0	20	0
464	Heathy Woodland/Valley																		
	Grassy Forest Complex	Greater Grampians	V	40	40	100	40	100	100	40	0	0	0	C	0	0	0	0	0
467	Heathy Woodland/Riparian																		i !
	Scrub Complex	Greater Grampians	LC	10	10	100	10	100	100	10			^	_			_		
468	Heathy Woodland/Sedgy	Oreater Grampians	LC	10	10	100	10	100	100	10	"	<del>1 '</del>	U		,	1	0	U	
400	Riparian Woodland																		i !
	Complex	Greater Grampians	LC	20	20	100	10	50	50	10	0	0	0	C	0	0	0	10	0
471	Heathy Woodland/Shrubby	,																	$\overline{}$
	Woodland Mosaic																		i I
		Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
475	Heathy Woodland/Sedgy																		, T
	Riparian Woodland Mosaic	Greater Grampians	LC	10	10	100	10	100	100	10		_	0	,		_	_	0	
477	Heathy Woodland/Sand	Dundas Tablelands	LC		10					10	10	0	0	0	) 0	0	0	0	0
T'''	Heathland Complex	Greater Grampians	LC		30			100		30		0	0	0	0	1 0	0	0	0

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				Area	(ha)					CA	R Reserve S		VC Repres	entation in e	each land ca	ategory (ha	Ī		
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Level of protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
478	Heathy Woodland/Damp Heathland Complex	Greater Grampians	LC	10	10	100	10	100	100	10	١ ,	١ ,		0			0	0	1 .
481	Heathy Woodland/Heathy Dry Forest Complex	Greater Grampians	LC	1,300	1,290	99		98		1,270	0	0	0	0	0	0	0	20	0
485	Heathy Woodland/Plains	Greater Grampians	V	110	110	100	110	82	100	90	20		0		0	0	0	0	0
487	Grassy Woodland Complex Heathy Woodland/Grassy Dry Forest Complex	Greater Grampians	E D	410 80	400 80	98		100		190	140	0	0	60	0	0	0	10	0
489	Heathy Woodland/Shrubby	Greater Grampians	LC	10	10	100		100		10	0	0	0	0	0	0	0	0	0
493	Woodland Complex Heathy Woodland/Plains	Dundas Tablelands	LC	20	20	100	10	50		10	0	0	0	0	0	0	0	10	0
	Grassy Woodland Mosaic	Dundas Tablelands	Е	1,270	850	67	200	0	16	0	200	0	0	10	0	0	0	620	20
497	Shrubby Woodland/Plains Grassy Woodland Mosaic	Greater Grampians	Е	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
498	Plains Grassy Woodland/Sand Heathland Complex	Dundas Tablelands	E	10	10	100	0	0	0	0	0	0	0	10	0	0	0	0	0
500	Sand Heathland/Damp Heathland Complex	Greater Grampians	LC	110	110	100	110	100	100	110	0	0		0	,			0	0
502	Sand Heathland/Seasonally Inundated Shrubby Woodland Mosaic	·									J	0	0	0			U	0	
504	Wet Heathland/Riparian	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	0	0	0	0	0	0	0
505	Scrub Complex  Damp Heathland/Riparian	Greater Grampians	V	60	60	100	60	100	100	60	0	0	0	0	0	0	0	0	0
	Scrub Complex	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
506	Riparian Forest/Sedgy Riparian Woodland Complex	Greater Grampians	D	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
509	Riparian Scrub/Heathland Thicket Mosaic	Greater Grampians	LC	60	60	100	60	100	100	60	0	0	0	0	0	0	0	0	0
510	Riparian Scrub/Sedgy Riparian Woodland Complex	Greater Grampians	LC	330	320	97	310	97		310	0	0	0	0	0	10	0	0	0
512	Riparian Scrub/Seasonally Inundated Shrubby Woodland Mosaic	Greater Grampians	10	10		100	10			40	0			0				0	
515	Sedgy Riparian Woodland/Riparian Shrubland Complex	Greater Grampians	LC	10	20	100		100		10	0	0	0	0	0	0	0	0	0
516	Sedgy Riparian Woodland/Dry Creekline Woodland Complex	Greater Grampians	LC	30	30	100		100		30	0	0	0	0	0	0	0	0	0
519	Shallow Freshwater Marsh/Floodplain Thicket Mosaic	Greater Grampians	V	40	40	100				40	0	0	0	0	0	0	0	0	0
521	Shallow Freshwater Marsh/Seasonally Inundated Shrubby Woodland Complex	Greater Grampians	V	10	10	100	10	100		10	0	0	0	0	0	0	0	0	0
529	Seasonally Inundated Shrubby Woodland/Heathland Thicket Mosaic	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	0	0	0	0	0	0	0

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				Area	(ha)					CA	R Reserve S		VC Represe	entation in o	each land ca	itegory (ha)			
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Level of protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
531	Seasonally Inundated Shrubby Woodland/Sedge Wetland Complex																		
	·	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
547	Shrubby Woodland/Damp Sands Herb-rich Woodland Complex	Greater Grampians	LC	110	110	100	110	100	100	110	0	0	0	0	0	0	0	0	0
553	Floodplain Thicket/Seasonally Inundated Shrubby Woodland Mosaic	Dundas Tablelands	V	30	20	67	20	0	67	0	20	0	0	0	0	0	0	0	0
565	Heathland Thicket/Seasonally Inundated Shrubby Woodland Complex	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
585	Floodplain Thicket/Wet Heathland Complex	Greater Grampians	LC	40	40	100		100		40	0	0	0	0	0	0	0	0	0
587	Valley Grassy Forest/Grassy Dry Forest Complex	Greater Grampians		140	140		140	100		140	0	0	0			0	0	0	0
589	Wet Forest/Damp Forest	Greater Grampians	V	140	140	100	140	100	100	140	0	U	0	0	0	-	0	U	
	Complex	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
590	Lowland Forest/Shrubby Woodland Complex	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	0	0	0	0	0	0	0
595	Damp Heathland/Riparian Scrub Mosaic	Greater Grampians	LC	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
596	Riparian Scrub/Sedgy Riparian Woodland Mosaic	Greater Grampians	LC	30	30	100	30	100	100	30	0	0	0	0	0	0	0	0	0
597	Damp Forest/Herb-rich Foothill Forest Mosaic	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
598	Rocky Outcrop Shrubland/Rocky Outcrop Herbland/Heathy Dry Forest Mosaic	Greater Grampians	LC	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
600	Herb-rich Foothill Forest/Damp Sands Herb- rich Woodland Mosaic	Greater Grampians	D	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
601	Heathland Thicket/Sedgy Riparian Woodland Complex	Greater Grampians	LC	10	10			100		10	0	0	n	n	0	n	0	0	0
607	Riparian Scrub/Heathland Thicket Complex	Greater Grampians	LC	30	30	100		100		30	n	0	0	0	0	0	0	0	0
623	Lowland Forest/Damp Sands Herb-rich Woodland Complex	Greater Grampians	LC	10	10	100	10	100		10	0	0	0		0	0	0	0	0
625	Damp Heathland/Wet Heathland Mosaic	Greater Grampians	LC	10	10					10	0	0	0	0			0	0	0
634	Heathy Dry Forest/Riparian Scrub Mosaic										0	0	0	-		0	0	0	0
636	Brackish Lake Aggregate	Greater Grampians Victorian Volcanic Plain	LC V	30 1,110	30 1,090		10	100	100	30 10	0	0	0		0	0	0	0 10	
640	Creekling Cod	Wimmera	D E	2,540	2,410	95		1	1	30	0	0	0	0	0	40	0	260	2,080
640	Creekline Sedgy Woodland	Glenelg Plain  Dundas Tablelands	E	10 210	10 90			22	10	20	0	0	0	0	0	0	0	10 40	30
		Wimmera	E	2,680	1,390			30		420	0	10	Ÿ	Ÿ	Ö	0	0	940	

				Area	(ha)					CA	R Reserve S		VC Repres	entation in	each land ca	ategory (ha			
EVC no.		Bioregion	Status		Current	Pre-1750 extent remaining (%)		protection in CAR Reserve system (%)		Dedicated Reserves	Informal	Code	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
641	Riparian Woodland	Greater Grampians	E		20	100				10	0	0	0	C	0	0	0	10	0
		Goldfields	E		250				13			0	0			0	0	160	0
		Central Victorian Uplands Glenela Plain	E V	1,640 740	430 660	26 89		68	65	10 450		10 0	0			20	10	370 170	10
		Victorian Volcanic Plain	E	-	1,620	13		10		160		10				20	10	1,420	0
		Dundas Tablelands	E		2,060	51		17		350	30		0		_	0	0	1,680	0
		Wimmera	V	4,330	3,050	70		32	26	980	120	30	0	30	0	340	0	1,550	0
642	Basalt Shrubby Woodland	Warrnambool Plain	Е	64,270	20	0	0	0	0	0	0	0	0	C	0	0	0	20	0
		Victorian Volcanic Plain	Е	0	1,770	n/a	10	1	n/a	10	0	0	0	10	0	20	0	1,690	40
643	Brackish Drainage-line	Glenelg Plain	E	30	10			0	0	0	0	0	0			0	0	10	0
	Aggregate	Victorian Volcanic Plain	E		80			0		0	·	0	0			0	0	80	0
		Wimmera Dundas Tablelands	E E		100 310	36 48		20	/	20	0	0	0			0	0	80 310	0
644	Cinder Cone Woodland	Victorian Volcanic Plain	E		330			88	59	290	0	0	0			0	0	10	30
645	Wet Heathland/Heathy	Victorian Volcanic Plain	D		1,040	99		92			0	0	0		_	0	0	20	0
0.0	Woodland Mosaic	Glenelg Plain	LC		3,850	73		80			20	0	0			0	0	730	0
647	Plains Sedgy Wetland	Greater Grampians	Е		10	100	0	0	0	0	0	0	0	0	0	0	0	0	10
		Warrnambool Plain	Е		10		0	0	v	0	·	0	0	0	0	0	0	10	0
		Central Victorian Uplands	E		70					10		0	0			20	0	40	0
		Otway Plain	E		70			14	2	10		0	0	·		30	0	30	0
		Wimmera	E		140 230			7	4	10		0	0		·	0	0	130 140	0
		Glenelg Plain Dundas Tablelands	E E		1,050			11	3	120	20	0	0			0	0	140 850	80
		Victorian Volcanic Plain	E		6,890	24		1	0	100		0	0		,	30	0	6,320	410
649	Stony Knoll Shrubland	Victorian Volcanic Plain	E	-,	10			0	Ö	0	Ö	0	0		0	0	0	10	0
650	Heathy Woodland/Damp	Bridgewater	V	10	10	100	0	0	0	0	0	0	0	C	0	0	0	10	0
	Heathy Woodland/Damp	Dundas Tablelands	LC		30			0	50	0	20	0	0	C	0	0	0	10	0
	Heathland Mosaic	Victorian Volcanic Plain	V	250	210			57			60	0	0		,	20	0	10	0
	<u> </u>	Glenelg Plain	V	25,530	15,680	61		16		2,560	8,470	0	20			60	0	4,560	0
651	Plains Swampy Woodland	Wimmera Dundas Tablelands	E	10 230	10 50			0	100	0	10	0	0	_		0	0	50	0
		Glenelg Plain	E		120			0	3	0	20	0	0			0	0	100	0
		Warrnambool Plain	E		130		10	8	0	10		0	0		0	0	0	120	0
		Victorian Volcanic Plain	E		240		0	0	0	0		0	0	C	0	0	0	240	0
652	Lunette Woodland	Victorian Volcanic Plain	Е	210	10	5	0	0	0	0	0	0	0	0	0	0	0	10	0
		Glenelg Plain	E		30			0		0	V	0	0			0	0	20	0
	ļ	Wimmera	E		470			11	3	50	0	0	0			0	0	410	10
653	Aquatic Herbland	Greater Grampians	E	70	30			0	0	0	0	0	0			0	0	30	0
		Victorian Volcanic Plain Warrnambool Plain	E E		30 30			0		0	· · · ·	0	0			0	0	30 10	0 20
1		Dundas Tablelands	E		120			42				0	0			10	0	40	10
		Glenelg Plain	E		580			17			100	10		_		0	0	340	10
1		Wimmera	E	,	900	87		14				10				0	0	660	100
655	Lignum-Cane Grass	Wimmera	E		120			8	8	10	0	0	0		0	0	0	0	110
	Swamp	Victorian Volcanic Plain	E	410	310	76		0	0	0	0	0	0	_	0	0	0	270	40
656	Brackish Wetland	Wimmera	E		40			0	0	0	·	0	0			0	0	20	20
		Victorian Volcanic Plain	E V		120			0	0	0 190		0	0			0	0	120	0
657	Freehweter Lienum	Glenelg Plain Victorian Volcanic Plain	V E	210	200			95	95	190	10	0	0			0	0	10	0
657	Freshwater Lignum Shrubland	Glenelg Plain	E		10 40			0	40	0	0	20	0			0	0	20	0
1	Sinusianu	Wimmera	E		510			16			, v	20 0	0			0	0	430	0
658	Riverine Grassy Woodland/Sedgy Riverine Forest/Aquatic Herbland Mosaic	Wimmera	V	1,110	460			22		100		0	0	O		50	0	310	0

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				A	(ha)					CA	D Dagania C		VC Represe	entation in	each land ca	ategory (ha	1		
				Area	(na)	Pre-1750 extent	Area of EVC currently in CAR	Level of EVC protection in CAR	Level of protection of pre-1750 extent in CAR		R Reserve S				Other	Other			
			<b>.</b>	Dro 1750	Current	remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.	Plains Riparian Shrubby	Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
659	Woodland	Wimmera	V	420	380	90	290	76	69	290	0	0	0	0	0	10	0	80	0
660	Plains Woodland/Plains	Victorian Volcanic Plain	E	40	40	100	0	0	0	0	0	0	0	0	0	0	0	40	0
	Grassy Wetland Mosaic	Dundas Tablelands	Е	270	80	30	0	0	0	0	0	0	0		0	0	0	80	0
		Greater Grampians	Е		160			0	0	0		0	0		0	0	0	160	
200		Wimmera	E		880	97		8	57	70	440	10			0	0	0	60	
662	Escarpment Shrubland/Grassy	Dundas Tablelands Victorian Volcanic Plain	E	20 50	10 20			0	0	0	0	0	0	_	0	0	0	10 20	
663	Black Box Lignum	Victorian Voicanic Fiam	L	30	20	40	U	0	0	U	-		0	0	-	-	0	20	
000	Woodland	Wimmera	Е	260	160	62	10	6	4	10	0	0	0	0	0	120	0	30	0
664	Limestone Ridge Woodland																		
	·	Glenelg Plain	V	30	30	100		67		20	0	0	0	0	0	0	0	10	0
665	Coastal Mallee Scrub	Glenelg Plain	E	600	370	62		54		200	0	0	0		0	0	0	170	0
666	Riparian	Victorian Volcanic Plain	E	2,590	50 60	2 75	0 10	0 17		0	·	0	0	Ÿ	0	0	0	50	0
668	Shrubland/Escarpment Riparian	Dundas Tablelands Dundas Tablelands	E	80 70	30	43		17	13	10	0	0	0		0	0	0	50 30	0
000	Woodland/Escarpment	Victorian Volcanic Plain	E	490	110	22		0	0	0	0	0	0		0	0	0	90	20
669	Escarpment Shrubland/Damp Sands Herb-rich																		
	Woodland/Riparian Woodland/Swamp Scrub Mosaic	Glenelg Plain	E	280	280	100	190	68	68	190		0	0				0	0	90
670	Limestone Woodland	Glenelg Plain	V	70	70		70	100		70		0	0	0	0	0	0	0	0
672	Damp Sands Herb-rich	Wimmera	V	80	70			29		20		0	0			0	0	50	0
	Woodland/Shrubby	Dundas Tablelands	V	330	280			39		110		0	0	10	0	0	0	160	
	Woodland Mosaic	Greater Grampians	LC	770	490	64		18		90	70	0	0	0	0	50	0	230	50
673	Dune Soak Woodland	Wimmera	E		90			11	25	10		0	0		0	0	0	50	10
674	Sandy Stream Woodland	Glenelg Plain	E	20 70	10 40	50 57		0	0	0	0	0	0	0	0	0	0	10 40	0
		Wimmera Dundas Tablelands	E	7,230	2,500	35		1	0	20	10	0	0	٥	0	10	0	2,420	40
675	Escarpment Shrubland/Damp Sands	Dundas Tablelands		7,200	2,000		50		Ü	20	10	0				10	0	2,420	40
1	Herb-rich Woodland/Swamp Scrub																		i '
	Mosaic	Glenelg Plain	Е	160	160	100	90	56	56	90	0	0	0	0	0	0	0	10	60
676	Salt Paperbark Woodland	Wimmera	V	190	170	89		24		40		0	0	0	0	0	0	100	20
677	Inland Saltmarsh	Wimmera	Е	350	290	83		28		80	0	0	0		0	0	0	90	
679	Drainage-line Woodland	Goldfields	Е		70			0		0		0	0			0	0	70	
		Wimmera	Е	-,	1,340	36		26		350		10			0	30	0	890	0
680	Freshwater Meadow	Bridgewater	E	10	10			100	100	10		0	0	-	0	0	0	0	0
		Dundas Tablelands Warrnambool Plain	E E	40 390	30 30		0	0	0	0	V	0	0	-	0	0	0	30 30	
I		Victorian Volcanic Plain	E		70		•	0	0	0	0	0	0		20	0	0	50 50	0
		Wimmera	E	100	90	90		0	0	0	0	0	0	٥	0	0	0	90	
L		Glenelg Plain	E	860	260	30		12	8	30	40	0	0		0	0	0	180	0
681	Deep Freshwater Marsh	Warrnambool Plain	E		70		0	0	0	0	0	0	0		0	0	0	70	
		Wimmera	E	1,890	340	18		0	0	0	0	0	0	-	- 0	10	0	30	300
I		Glenelg Plain	V	820 1.680	400	49		50		200 320			0	-	0	0	0	170	0
		Victorian Volcanic Plain Bridgewater	V	1,680 1,400	1,060 1,200	63 86		30 86		1.030	0	10	0	-	- 00		0	610 160	0
682	Permanent Open	Glenelg Plain	n/a	30	1,200	33		00	14	1,030	0	0	0		0	10	0	100	0
302	Freshwater	Bridgewater	n/a	160	150	94		67	63	100	0	0	0	-	0	0	0	0	50
1		Wimmera	n/a	190	200	105	0	0	0	0		0	0	0	0	0	0	30	170
1	ĺ	Victorian Volcanic Plain	n/a	290	280	97	10	4	3	10	- 0	0	0	0	0	- 0	0	0	270

	1					1							VC Dames	antation !	aab land -	stagen (t)			
				Area	(ha)					CA	R Reserve S		VC Repres	entation in e	each land ca	ategory (ha)			
				700	()				Level of	٠,٠	<u> </u>	,							ı l
								Level of	protection										ı l
							Area of EVC	EVC	of pre-1750										ı l
						Pre-1750	currently in	protection	extent in										ı l
						extent	CAR	in CAR	CAR	Dedicated	Informal	Code			Other	Other	01		1 347-4
EVC no.	EVC	Diagonian	Status	Pre-1750	Current	remaining (%)	Reserve System (ha)	Reserve	Reserve System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Parks and Reserves	Public Land	C'wealth Land	Private Land	Water Bodies
683		Bioregion Wimmera	n/a	1.140	1,060	93	140	12		130	10	1 rescription	SIVIZ	GIVIZ	Reserves	Land	Land	260	660
684	Permanent Saline	Victorian Volcanic Plain	n/a	20	1,000			0		130	10	0	0	0	0	10	0	200	000
004	emanent Jamie	Glenela Plain	n/a	40	30			33		10	0	0	0		0	0	0	0	20
		Bridgewater	n/a	120	120	100	30	25		30		0	0	0	0	0	0	10	80
		Wimmera	n/a	140	130	93		0	0	0	0	0	0	0	0	0	0	10	
		Warrnambool Plain	n/a	660	350	53	90	26	14	90	0	0	0	0	0	0	0	20	240
685	Box Ironbark Forest/Heathy																		
	Woodland Complex										ĺ				l				ı I
		Greater Grampians	LC	10	10			0	0	0	0	0	0		0	10	0	0	0
690		Dundas Tablelands	V	450	290	64		0	0	0	0	0	0		0	0	0	290	0
201	Woodland/Billabong	Victorian Volcanic Plain	Е	1,850	300	16		0	0	0	0	0	0	-	0	0	0	300	0
691	Aquatic Herbland/Plains	Warrnambool Plain	E	940	20		0	0	0	0	0	0	0	_	0	0	0	20	0
	Sedgy Wetland Mosaic	Central Victorian Uplands Otway Plain	E	60 110	50 60	55 55		0	0	0	0	0	0		0	10	0	10 20	40 30
		Glenela Plain	E	4.960	1.330	27		33	11	440	Ü	0	0			10	0	730	0
		Dundas Tablelands	E	4,930	2,420	49		26		620	130	0	0		0	20	n	1,170	610
		Victorian Volcanic Plain	Ē	19,220	6,210	32	940	15		940	0	0	0	10	Ö	30	0	4,410	820
692	Mangrove				·														
	Shrubland/Coastal																		ı l
	Saltmarsh/Berm Grassy																		ı l
	Shrubland/Estuarine Flats																		ı l
	Grassland Mosaic	Victorian Volcanic Plain	Е	60	30	50		0	0	0	0	0	0	0	0	20	10	0	0
693	Plains Woodland/Plains	Central Victorian Uplands	Е	20	10	50		0	0	0	·	0	0	_	0	0	0	10	0
	Grassland Mosaic	Victorian Volcanic Plain	E	7,640	1,110	15		0	0	0	0	0	0	-	0	0	0	1,100	10
697		Wimmera Goldfields	E	130 600	30 140	23 23		50	12	70	0	0	0		0	0	0	30 60	0
704	Terraces Herb-rich Lateritic Woodland	Goldfields	E	10	140	100	10	100		10		0	0		0	0	0	00	0
704		Glenela Plain		100	100	100		90		90		0	0		0	0	0	0	0
		Wimmera	V	1,550	1,390	90		20		280	590	0	0	Ŭ	0	20	0	490	0
		Greater Grampians	D	1,500	1,440	96		67		970	260	0	0			0	0	150	0
		Dundas Tablelands	D	4,070	3,370	83		15		510		10	0			0	0	730	10
705	Basalt Creekline Shrubby				·														
	Woodland	Victorian Volcanic Plain	Е	0	110	n/a	0	0	n/a	0	0	0	0	0	0	0	0	110	0
707	Sedgy Swamp Woodland	Glenelg Plain	Е	360	160	44		0	3	0	10	0	0	0	0	0	0	150	0
709	Scree-slope Woodland	Greater Grampians	E	30	20	67		100	67	20	0	0	0	-	0	0	0	0	0
710	Damp Heathland	Greater Grampians	LC	20	10			0	0	0	0	0	0		0	0	0	10	0
		Dundas Tablelands	V	160	100	63		10		10		0	0			0	0	50	
		Wimmera	LC	120	120	100	50	8	42	10			10			0	0	30	0
744		Glenelg Plain	D	7,230	5,530	76		37		2,050	1,500	40			0	0	0	560	0
711		Goldfields Wimmera	V	1,110 2,150	890 1,690	80 79		64 52		570 880	0	0	0 240		0	0	0	320 570	0
713	Damp Sands Herb-rich	Victorian Volcanic Plain	V	1,350	320	24		52 Q	41	30	10	0	240		50	0	0	230	0
/ 13		Warrnambool Plain	E	55,380	3,840	7	370	9	3	170			0	Ŭ	00	30	0	3.440	0
		Glenelg Plain	V	27,680	4,370	16		5	2	210	240	0	0		40		0	3,840	0
714	Stony Knoll	Warrnambool Plain	Ē	480	20	4	0	0	0	0	0	0	0		0	0	0	20	0
1		Victorian Volcanic Plain	E	52,780	3,670	7	10	0	0	10	0	0	0	_	0	0	0	3,640	20
716	Plains Grassy																		$\Box$
	Woodland/Stony Knoll														ĺ				i I
	Shrubland Mosaic	Victorian Volcanic Plain	Е	1,050	60	6	0	0	0	0	0	0	0	0	0	10	0	50	0
717	Saline Lake Aggregate	Dundas Tablelands	LC	360	320	89		3	3	10	0	0	0		0	0	0	70	240
		Victorian Volcanic Plain	LC	2,350	1,890	80	130	7	6	130	0	0	0	0	0	0	0	500	1,260
718	Freshwater Lake Aggregate																		
	l	Victorian Volcanic Plain	E	380	300	79	0	0	0	0	0	0	0	0	0	0	0	90	210

												E	VC Repres	entation in	each land ca	ategory (ha	)		
				Area	(ha)					CA	R Reserve S		T C I LODI GO			atogory (na			
									Level of										
							Area of EVC	Level of EVC	protection of pre-1750										
						Pre-1750	currently in	protection	extent in										
						extent	CAR	in CAR	CAR						Other	Other			
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and		C'wealth		Water
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	(%)	System (ha)		System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
719	Grassy Woodland/Damp	Victorian Volcanic Plain	Е	410	100	24	0	0	0	0	0	0	0	0	0	0	0	100	0
		Glenelg Plain	V	1,030	350	34	120	0	12	0	120	0	0	0	0	0	0	230	0
	Mosaic	Dundas Tablelands	E	42,450	5,980	14		1	0			0	0	0	0	20	0	5,930	0
720	Swamp Scrub/Aquatic	Victorian Volcanic Plain	E	130	30		20	67	15			0	0	0	0	0	0	10	0
	Herbland Mosaic	Warrnambool Plain	E	2,310	820	35	240	29	10	240	0	0	0	0	0	0	0	540	40
724	Plains Woodland/Plains																		
	Sedgy Woodland/Damp Sands Herb-rich Woodland																		
	Mosaic	Wimmera	F	5,530	2,640	48	240	0	Δ	0	240	0	0	100	م ا	190	0	2,100	10
725	Damp Sands Herb-rich		_	5,550	2,040	40	240	U	7	U	240	ı	<u> </u>	100	-	130	<u> </u>	2,100	10
	Woodland/Riparian										l								
	Woodland/Swamp Scrub										l								
	Mosaic	Glenelg Plain	V	420	410	98	260	63	62			0	0	0	0	0	0	10	140
726	Rocky Outcrop	Dundas Tablelands	LC	40			30	0	75			0	0	0	0	0	0	20	0
	Shrubland/Rocky Outcrop	Greater Grampians	LC	550	550	100	480	87	87	480	0	0	0	0	0	30	0	40	0
727	Hills Herb-rich																		
	Woodland/Heathy	Greater Grampians	LC	10	10	100	0	0							J			10	
729	Woodland Mosaic	Greater Grampians	LC	10	10	100	U	U	U	U	U	0	U	U	0	U	U	10	U
129	Sand Ridge Woodland/Damp Sands																		
	Herb-rich Woodland Mosaic																		
	Tions from Woodiana Woodia	Wimmera	Е	430	280	65	70	25	16	70	l o	0	0	0	o	10	0	200	0
730	Plains Grassy																		
	Woodland/Shrubby																		
	Woodland Mosaic	Greater Grampians	V	10	10	100	0	0	0	0	0	0	0	0	0	0	0	10	0
732	Damp Sands Herb-rich	Glenelg Plain	V	2,120	520	25	10	0	0	0		Ŭ	0	0	0	0	0	510	0
722		Warrnambool Plain Glenelg Plain	E	7,240	620 40	9	20	2	0	10		10	0	30	0	0	0	570	0
733	Swamp Scrub/Plains Sedgy Wetland/Aquatic Herbland	Victorian Volcanic Plain	E	100 8,720	510	40	20 20	50 4	20	20 20		0	0	50	0	0	0	20 440	0
734	Damp Heathland/Damp	Dundas Tablelands	V	60	50	83		0	33			0	0			0	0	30	0
, 54	Heathy Woodland/Wet	Glenelg Plain	V	940	620	66	500	3	53	20		0	0	70	,	0	0	50	0
736	Limestone Rise			2.10	120	30	230				1	İ	Ť	1	t	Ť		<u> </u>	
	Grassland/Limestone Rise										l								
	Woodland Mosaic	Glenelg Plain	V	100	100	100	100	0	100	0	100	0	0	0	0	0	0	0	0
737	Heathy																		
	Woodland/Limestone											_							
700	Woodland Mosaic	Glenelg Plain	V	3,580	3,390	95	3,040	90	85			0	0	170		0	0	170	10
738	Damp Sands Herb-rich Woodland/Plains Grassy	Dundas Tablelands Glenelg Plain	E	20 140	20 130	100 93	10 90	0	50 64	0	10	0	0	10		0	0	30	0
739	Plains Grassy	Oleriely Flaili		140	130	93	90	U	04	U	90	•	· ·	10	, 0	<b>-</b>	1	30	U
139	Woodland/Plains Swampy										l								
	Woodland Mosaic	Glenelg Plain	Е	10	520	5,200	30	2	300	10	20	О	0	20	0	10	0	460	0
740	Damp Sands Herb-rich	, and the second																	
	Woodland/Heathy										l								
	Woodland/Sand Heathland										1							I	
<u></u>	Mosaic	Glenelg Plain	V	1,010	970	96	970	100	96	970	0	0	0	0	0	0	0	0	0
741	Salt Paperbark																		
	Woodland/Samphire Shrubland Mosaic	Wimmoro	\/	220	290	00	100	2.4	20	100			_	_			_	30	160
742	Basalt Shrubby	Wimmera	V	330	290	88	100	34	30	100	0	0	1 0	0	0	1	0	30	160
142	Woodland/Herb-rich Foothill																		
	Forest Mosaic	Victorian Volcanic Plain	E	1,240	10	1	0	0	0	0	0	0	0	0	0	0	0	10	0
	. O. OOL IVIOOGIO			.,240	10		Ů	Ū	Ü	Ū	· ·	·	Ū	Ŭ		Ŭ	Ŭ	10	v

	1	r		ı									VO D						
				Area	(ha)					CA	R Reserve S		VC Repres	entation in e	each land ca	ategory (ha	)		
				Alea	(IIa)				Level of	- CA	K Keserve S	ysteili							
E.V.0			a	Pre-1750	Current	Pre-1750 extent remaining	Area of EVC currently in CAR Reserve	Level of EVC protection in CAR Reserve	protection of pre-1750 extent in CAR Reserve	Dedicated Reserves	Informal Reserves	Code Prescription			Other Parks and	Other Public	C'wealth		Water
EVC no. 745	Hills Herb-rich	Bioregion Greater Grampians	Status V	190	70	<b>(%)</b>		system (%)	System (%)	Reserves	Reserves	riescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
745	Woodland/Plains Grassy	Dundas Tablelands	E		2,840	50		2	11	60	550	0	60			0	0	2,150	0
746	Damp Heathland/Damp	Dundas Tablelands	V	90	30			0	0	00	000	0	0				0	10	0
740	Heathy Woodland Mosaic	Victorian Volcanic Plain	V	420	70			0	0	0	0	0	0			0	0	70	0
	Trouting Troodiana Modalo	Warrnambool Plain	Ē		920		10	1	0	10	0	0	0		0	0	0	910	0
		Glenelg Plain	D		5,160	41		13	21	680	1,940	10	0	850	d	0	0	1,680	0
748	Shallow Sands	Greater Grampians	V		80			88		70	0	0	0		0	0	0	10	0
	Woodland/Heathy	Wimmera	V	870	810	93	680	63	78	510	170	0	0	0	C	0	0	130	0
749	Shallow Sands Woodland/Plains Sedgy																		
	Woodland/Seasonally Inundated Shrubby Woodland Mosaic	Wimmera	V	4,170	2,020	48	320	16	8	320	0	0	440	0		,	0	1,260	0
750	Shallow Sands	Greater Grampians	V		10			0		0.0	0	0	0		1	0	0	1,200	0
, 55		Dundas Tablelands	E	570	330			3	2	10	0	0	20			0	0	210	0
1	Woodland/Seasonally	Wimmera	V	7.970	4,650	58		7	14	310	760	20				0	0	2.830	10
	Inundated Shrubby	Glenelg Plain	V		5,710			6		350	1,620	20				0	0	2,840	0
751	Seasonally Inundated	Dundas Tablelands	D	460	330	72	50	3	11	10	40	0	0	10	0	0	0	270	0
	Shrubby Woodland/Plains	Wimmera	LC	800	720	90	380	15	48	110	270	0	10	130	C	10	0	190	0
	Sedgy Woodland Mosaic	Glenelg Plain	Е	2,230	840	38	250	8	11	70	160	20	0	90	C	0	0	500	0
752	Grassy Woodland/Hills	Victorian Volcanic Plain	E	70	10	14	0	0	0	0	0	0	0	0	C	0	0	10	0
	Herb-rich Woodland/Damp	Wimmera	Е	50	20	40		0	0	0	0	0	0	0	C	0	0	20	0
		Dundas Tablelands	Е	19,960	4,640	23		2	0	80	10	0	0	20	C	0	0	4,530	0
753	Rocky Outcrop	Wimmera	R	10	10			100		10	0	0	0	0	0	0	0	0	0
	Shrubland/Rocky Outcrop	Greater Grampians	LC	180	180	100	120	67	67	120	0	0	0	0	0	0	0	60	0
754	Damp Heathland/Seasonally Inundated Shrubby																		
	Woodland Mosaic	Wimmera	LC	60	60	100	30	0	50	0	30	0	0	0		0	0	30	0
756	Heathy	Wimmera	LC		50			0	80	0	40	0	10	0	0	0	0	0	0
	Woodland/Seasonally	Glenelg Plain	Е	400	150	38		0	13	0	50	0	80		C	0	0	20	0
757	Damp Sands Herb-rich	Glenelg Plain	V	110	110	100	110	100	100	110	0	0	0	0	C	0	0	0	0
	Woodland/Seasonally	Dundas Tablelands	V	240	140			0	0	0	0	0	0	0	0	0	0	140	0
	Inundated Shrubby	Wimmera	V	340	190	56		53		100	0	0	0		0	0	0	90	0
758	Rocky Outcrop	Dundas Tablelands	LC		20		10	0	100	0	10	0	0	10	0	0	0	0	0
	Shrubland/Rocky Outcrop	Greater Grampians	LC	20	20	100	0	0	0	0	0	0	0	0	C	0	0	20	0
759	Hills Herb-rich Woodland/Valley Grassy Forest Mosaic	Greater Grampians	LC	70	70	100	0	0	0	0	0	0	0	0	C	0	0	70	0
760	Lateritic Woodland/Heathy Dry Forest Mosaic	Greater Grampians	E	120	110	92	0	0	0	0	0	0	0	0	C	0	0	110	0
761	Hills Herb-rich Woodland/Lateritic															_			
	Woodland Mosaic	Greater Grampians	LC		120	80		0	0	0	0	0	0	0		0	0	120	0
762	Damp Heathland/Sand	Dundas Tablelands	V	10	10			0		0	0	0	0			0	0	10	0
700	Heathland Mosaic	Glenelg Plain	D	810	790	98	640	32	79	250	380	10	0	150	0	0	0	0	0
763	Damp Heathland/Damp Heathy Woodland/Seasonally Inundated Shrubby	Classia Blair		4.450	400	40		0		0								400	
704	Woodland Mosaic	Glenelg Plain	V	1,450	180			0	0	0	0	0	0	0	-	0	0	180	0
764	Lateritic Woodland/Heathy Woodland Mosaic	Glenelg Plain Greater Grampians	V E	30 50	30 50		30 10	0 20		0 10	30 0	0	0	0	0	0	0	0 40	0

	Г	T-											1/0 D						
				Area	(ha)					CA	R Reserve S		VC Represe	entation in e	each land ca	tegory (ha		ı	
				Alea	(IIa)				Level of	CA	K Keserve S	ystem	1						
								Level of	protection										İ
							Area of EVC	EVC	of pre-1750										
						Pre-1750	currently in	protection	extent in										
						extent	CAR	in CAR	CAR						Other	Other			
					_	remaining	Reserve	Reserve	Reserve	Dedicated		Code			Parks and	Public	C'wealth		Water
EVC no.		Bioregion	Status	Pre-1750	Current	(%)	System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
765	Heathy Dry Forest/Plains			4.0	40	400										_			
	Grassy Woodland Mosaic	Greater Grampians	V	40	40	100	0	0	0	0	0	0	0	0	0	0	0	40	0
766	Shrubby Woodland/Lateritic																		İ
	Woodland Mosaic	Greater Grampians	LC	10	20	200	10	50	100	10	_	0	٥	0		0	0	10	0
768	Wet Heathland/Riparian	Oreater Grampians	LC	10	20	200	10	30	100	10	0	, , , , , , , , , , , , , , , , , , ,	- °	- 0	, o	U	0	10	<del>- </del>
700	Scrub Mosaic	Greater Grampians	V	20	10	50	10	100	50	10	0	0	0	0	ه ا	0	0	٥ (	0
770	Damp Sands Herb-rich	Victorian Volcanic Plain	V	50	20		20	0	40	0		0	0	0	0	0	0	0	0
	Woodland/Lowland Forest	Glenelg Plain	V	1,790	1,060	59	620	18	35	190			0	140	0	10	0	290	0
776	Plains Swampy	Dundas Tablelands	E	1,280	40		0	0	0	0	0	0	0	0	0	0	0	40	0
	Woodland/Swamp Scrub	Victorian Volcanic Plain	E	430	40	9	10	0	2	0	10	0	0	0	0	0	0	30	0
	Mosaic	Glenelg Plain	Е	950	80	8	10	13	1	10	0	0	0	0	0	0	0	70	0
779	Damp Sands Herb-rich																		
	Woodland/Shallow Sands	l																	1
	Woodland Mosaic	Wimmera	V	2,200	1,070	49	250	18	11	190	60	0	0	0	0	0	0	820	0
780	Plains Sedgy																		İ
	Woodland/Shallow Sands																		
	Woodland/Heathy Woodland Mosaic	Wimmera	D	370	370	100	280	0	76	0	280		30	0		0	_	60	
781	Damp Sands Herb-rich	Dundas Tablelands	V	560	110	20	0	0	0	0		0	0	0	0	0	0	110	0
701	Woodland/Herb-rich Foothill	Glenelg Plain	V	2,530	440	17	200	0	8	0	200	0	0	0	0	0	0	240	0
783	Grassy Dry Forest/Heathy	Cicricig Fidin	•	2,000	770	.,	200				200		-	-				2-10	<u> </u>
	Woodland Mosaic	Wimmera	D	240	210	88	160	48	67	100	60	0	0	0	0	0	0	50	0
785	Heathy Herb-rich	Glenelg Plain	V	4,530	430	9	170	40	4	170	0	0	0	0	0	0	0	260	0
	Woodland/Damp Sands	Wimmera	V	800	610	76	320	44	40	270	50	0	0	0	0	0	0	290	0
786	Heathy Woodland/Heathy																		
	Herb-rich Woodland/Damp																		İ
	Heathy Woodland Mosaic	Glenelg Plain	V	3,470	2,670	77	2,490	0	72	0	2,490	0	0	0	0	0	0	180	0
787	Plains Woodland/Damp																		İ
	Sands Herb-rich Woodland	Wimmera	_	220	180	82	140	70	64	140			,	0				40	
788	Mosaic Shallow Sands	vviininera		220	100	02	140	78	64	140	U	U	U	U	0	U	U	40	- 0
700	Woodland/Heathy Herb-rich																		
	Woodland Mosaic	Wimmera	V	70	70	100	0	0	0	n	n	n	n	n	0	n	n	70	n
789	Hills Herb-rich			,,,	70	.00		Ů	0			Ť	Ť				<u> </u>	, ,	
	Woodland/Grassy Dry																	I	ĺ
	Forest Complex	Greater Grampians	LC	50	50	100	50	100	100	50	0	0	0	0	0	0	0	0	0
790	Heathy Woodland/Heathy	i i																	
	Herb-rich Woodland Mosaic																	I	ĺ
		Wimmera	LC	330	260	79	120	46	36	120	0	0	0	0	0	0	0	140	0
791	Damp Sands Herb-rich	Victorian Volcanic Plain	E	20	10		0	0	0	0		0	0	0	0	0	0	10	
	Woodland/Plains Grassy	Greater Grampians	LC	40	20		10	0	25	0		0	0	0	0	0	0	10	0
700	Woodland Complex	Dundas Tablelands	E	34,940	2,210	6	10	0	0	10		0	0	0	0	0	0	2,200	0
792	Stony Rises	Victorian Volcanic Plain Dundas Tablelands	E	1,230 2,360	850 2,250	69 95	10 1,290	1	55	10		0	0	20	0	0	0	840 940	0
793	Woodland/Stony Knoll Damp Heathy Woodland	Dundas Tablelands  Dundas Tablelands	V	2,360	2,250	100	1,290	0	55	0		0	0	20	0	0	0	10	- 0
193	Damp nearry woodidid	Victorian Volcanic Plain	V	70	60	86	50	83	71	50		0	0	0	0	0	0	10	
		Glenelg Plain	D	2,530	1,100	43	540	9	21	100		0	0	50	0	0	0	510	0
796	Valley Grassy	g		2,500	.,100	70	540	3		.00	110	Ť	Ť		<u> </u>		<u> </u>	010	
1	Forest/Lateritic Woodland																	1	1
	Mosaic	Greater Grampians	V	30	30	100	0	0	0	0	0	0	0	0	0	0	0	30	0
797	Coastal Landfill/Sand	Victorian Volcanic Plain	n/a	30	10	33	0	0	0	0	0	0	0	0	0	10	0	0	0
	Accretion	Warrnambool Plain	n/a	40	20	50	20	100	50	20	0	0	0	0	0	0	0	0	0
																			-

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				Area	(ha)					CΔ	R Reserve S		VC Represe	entation in e	each land ca	ategory (ha)		ı	
EVC no.	EVC	Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	Level of protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
798	Sedgy Riparian																		
	Woodland/Riparian Scrub	Creater Crempions	LC	190	70	37	30	43	16	30	,		0	0		30			10
799	Mosaic Shrubby	Greater Grampians	LC	190	70	37	30	43	16	30	U	0	U	U	0	30	U	U	10
199	Woodland/Riparian Scrub																		
	Mosaic	Greater Grampians	LC	90	70	78	60	86	67	60	0	0	0	0	0	10	0	0	0
802	Grassy Woodland/Heathy	Wimmera	E		60				25	20		0	0			0	0	40	0
	Woodland Mosaic	Goldfields	V	2,750	1,530	56		5	3	80	0	0	0	10	0	20	0	1,420	0
803	Plains Woodland	Greater Grampians Victorian Riverina	E	70 740	10			0	0	30	0	0	0	0	0	0	0	10	0
		Victorian Riverina Victorian Volcanic Plain	E		30 50			100	4	30		0	0	0	0	0	0	50	0
1		Dundas Tablelands	E		90				2	10	v	0	0	0	0	0	0	70	10
1		Glenelg Plain	Е	1,190	420	35	40	7	3	30		0	0	0	0	0	0	380	0
		Goldfields	Е	4,880	540			2	0	10	0	0	0		0	10	0	520	0
		Wimmera	Е	441,710	54,050	12	2,980	4	1	2,020	950	10	160	390	0	480	0	49,760	280
823	Lignum Swampy Woodland	Wimmera	١,,	000	400	82	100	44	45	00	80		0	0		10		70	ا
826	Plains Savannah	Wimmera	V E	220 1,940	180 30	82	100	11	45	20	80	0	0	0	0	10	0	30	0
836	Damp Heath Scrub/Heathy	Williniera		1,540	30		Ů	0	0	U	-		U	0	-			30	
030	Woodland Complex	Warrnambool Plain	V	20	20	100	20	100	100	20	0	0	0	0	0	0	0	0	0
851	Stream Bank Shrubland	Otway Plain	E	30	20			0	0	0	0	0	0	0	0	0	0	10	10
	Ottodin Bank Omabiana	Goldfields	E		190			84	70	160	0	0	0	0	0	20	0	10	0
		Victorian Volcanic Plain	Е		1,560			12		190	30		0		0	0	10	1,180	150
		Central Victorian Uplands	V	3,030	2,110	70		40	29	840	40	0	0	0	0	80	0	1,150	0
858	Coastal Alkaline Scrub	Victorian Volcanic Plain	E	80	20			0	0	0	0	0	0	0	0	20	0	0	0
		Glenelg Plain Otway Plain	E		60 1,050	67 23		50 12		30 130	0	0	0	10	0	70	0	20 790	10 50
		Bridgewater	LC		9,370	70		73		6,860	220	0	0	30		10	0	2.240	10
859	Montane Grassy Woodland/Rocky Outcrop Shrubland/Rocky Outcrop Herbland Mosaic	Central Victorian Uplands	V	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	
863	Floodplain Reedbed	Otway Ranges	E	10	10			0	0	0	0	0	0	0	0	0	0	0	10
	.,	Otway Plain	E	110	100		0	0	0	0	0	0	0	0	0	0	0	0	100
876	Spray-zone Coastal	Glenelg Plain	Е		20					20		0	0		0	0	0	0	0
201	Shrubland	Bridgewater	R		70			100	100	70	0	0	0		0	0	0	0	0
881	Damp Sands Herb-rich Woodland/Heathy	Victorian Volcanic Plain Greater Grampians	LC	10 130	10 70			0	0	0	0	0	0	0	0	0	0	10 70	
I	Woodland/Heathy Woodland Mosaic	Wimmera	LC V	70	70			0	0	0	0	0	0	0	0	0	0	70	0
1		Glenelg Plain	V	5,740	4,810			73	62	3,500	60	Ö	0		0	0	0	990	10
882	Shallow Sands Woodland	Central Victorian Uplands	V	20	20	100	0	0	0	0	0	0	0		0	0	0	20	0
1		Greater Grampians	V	450	270	60		22		60	0	0	0	0	0	10	0	200	0
1		Glenelg Plain	V	1,760	1,230	70		21		260	400	0	0			0	0	460	0
1		Dundas Tablelands Wimmera	V	7,550 36,280	3,040 14,960	40		28 16		860 2,400	10 1,430	20	150 800	600 160		190	0	1,420 9,780	0 180
885	Damp Sands Herb-rich	Greater Grampians	LC		14,960		-,	16	11	2,400	1,430	20	800	160	0	190	0	9,780	180
505	Woodland/Plains Grassy	Glenelg Plain	E		610			5	12	30	120	0	0		0	0	0	390	0
1	Woodland Mosaic	Victorian Volcanic Plain	E		1,100	9	10	1	0	10	0	0	0	0	0	10	0	1,080	0
<u></u>		Dundas Tablelands	Е		11,940	16	210	0	0	20	190	0	50		0	40	0	11,580	30
886	Red Gum Wetland/Aquatic Herbland Mosaic																		
890	Valley Grassy	Wimmera	V	1,280	1,210	95	320	24	25	290	30	0	40	0	0	0	0	760	90
	Forest/Creekline Grassy Woodland Mosaic	Goldfields	Е	430	180	42	0	0	0	0	0	0	0	0	0	0	0	180	0

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				Area	(ha)					CA	R Reserve S		VC Represo	entation in	each land ca	ategory (na	) 		
				7,100	(1.4)				Level of		1	1	1						
EVC no.		Bioregion	Status	Pre-1750	Current	Pre-1750 extent remaining (%)	Area of EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'wealth Land	Private Land	Water Bodies
891	Plains Brackish Sedge	Otway Dlain	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	30	30	100	20	67	67	20	١ ,			,				10	,
892	Wetland Heathy Woodland/Sand	Otway Plain Greater Grampians	LC	200	200	100	20 170	67 85		20 170	0	0	0		) (		) (	10 30	- 0
032	Heathland Mosaic	Otway Plain	LC	870	210	24		0	0	0	0	0	0	0	0 0		) 0	210	C
		Glenelg Plain	LC	2,690	750	28	310	0	12	0	310	0	0	10	0	) (	0	430	C
892	Heathy Woodland/Sand																		
	Heathland Mosaic	Wimmera	LC	4,810	4,260	89		62		2,630	230	0	0	10			0	1,390	0
894	Scoria Cone Woodland	Warrnambool Plain Goldfields	E E		10 20	9		0	0	0	-	0	0	0	0 0		) (	10 20	
		Central Victorian Uplands	F	1,080	410	38		0	0	0	·	0	0		) (		) (	410	0
		Victorian Volcanic Plain	E		1,020	7	80	8	1	80	0	0	0		0	90	0	790	60
895	Escarpment Shrubland	Glenelg Plain	E	70	60	86	10	17	14	10		0	0	10	0	) (	0	40	
		Wimmera	Е	620	170	27		0	0	0	V	0	0	C	0	) (	0	170	C
		Dundas Tablelands	E	440	180	41				20	-	0	0	(	0	20		140	
		Victorian Volcanic Plain	E		420 450	30 33		5		20		0	0	0	0		10	380	10
896	Crossy Wasdland/Heathy	Central Victorian Uplands Victorian Volcanic Plain	E	1,350 960	450 170	18		V	Ü	20		0	0		) (		) (	450 150	
090	Grassy Woodland/Heathy Dry Forest Complex	Goldfields	V	840	310	37		0		0		0	0		) (		) (	310	
	Dry r drest complex	Central Victorian Uplands	E		9,440	31				40	-	0	0	40		300	) 0	9,060	0
897	Plains Grassland/Plains					-					· ·	_				1		0,000	
	Grassy Woodland Mosaic	Victorian Volcanic Plain	Е	1,610	130	8	20	15	1	20	0	0	0	C	0	) (	0	100	10
898	Cane Grass-Lignum Halophytic Herbland	Otway Plain	V	140	80	57	80	100	57	80	0	0	0	(	) 0	) (	0	0	С
899	Plains Freshwater Sedge Wetland	Otway Plain	V	90	90	100	80	89	89	80	0	0	0	C	0	) (	0	10	С
969	Exotic Non-native	Victorian Riverina	n/a	0	20	n/a		50		10		0	0	(	0	) (	0	10	C
	vegetation	Highlands - Northern Fall	n/a	0	80	n/a		0	11/4	0		0	0	(	0		0	80	0
		Bridgewater Wimmera	n/a n/a	0	510 1,590	n/a n/a		4	n/a n/a	20 70		0	0	0	) (	60	) (	490 1,460	0
		Greater Grampians	n/a	0	1,700	n/a		3	n/a	50		10	0	660	,	) 60	) (	970	- 0
		Goldfields	n/a	0	2,630	n/a		4	n/a	100		0	0	80		30	) 0	2,390	
		Otway Plain	n/a	0	7,190	n/a		1	n/a	60		0	0	10					0
		Otway Ranges	n/a	0	12,450	n/a		3	n/a	420		0	0	C	420			11,580	C
		Warrnambool Plain	n/a	0	15,340	n/a		1	n/a	90		0	0	10		30		15,210	C
		Central Victorian Uplands	n/a	0	22,180	n/a		4	n/a	830		20	90			880	10	,	20
		Dundas Tablelands Victorian Volcanic Plain	n/a n/a	0	32,590 68,570	n/a n/a		0	n/a n/a	50 560		10	0	50 50		1,060	110	32,430 66,690	60
		Glenelg Plain	n/a	0	80,010	n/a		0	n/a	370		10	0	450		) 1,060		78,500	10
982	No EVC assigned - need	Dundas Tablelands	n/a	360	240	67		4		10		0	0	60		1 0		140	
	editing	Greater Grampians	n/a	960	270	28	160	59		160	0	0	0	20	0	20	0	70	0
983	Water Body - to be determined	Wimmera	n/a	190	130	68	30	23	16	30	0	0	0		0	) (	0	20	80
990	Non Vegetation	Highlands - Northern Fall	n/a	0	4,400	n/a		0	n/a	0	·	0	0		0	50	0	4,350	0
		Bridgewater Otwow Bangas	n/a	0	4,570	n/a		2	n/a	100 290	10	0	0	2	0	50		4,460 11,480	0
		Otway Ranges Victorian Riverina	n/a n/a	0	11,850 14,040	n/a n/a		33	n/a n/a	4,600	0	0	0	10	30	30		9,390	10
		Greater Grampians	n/a	0	16,550	n/a		1	n/a	130	50	0	0	10		) 30		16,330	10
		Goldfields	n/a	0	116,740	n/a		1	n/a	900	40	30	Ü			560		115,090	(
		Glenelg Plain	n/a	0	130,180	n/a		1	n/a	1,020	300	0	10					127,890	0
		Otway Plain	n/a	0	141,440	n/a		1	n/a	1,340	0	20		100	80		100	129,130	390
		Warrnambool Plain	n/a	0	204,000	n/a		1	n/a	1,290	10	10		100			0	201,470	340
		Central Victorian Uplands	n/a	0	262,290	n/a		1	n/a	2,690	100	50				2,360	840		30 140
		Dundas Tablelands Wimmera	n/a n/a	0	458,140 515,330	n/a n/a		0	n/a n/a	910 2,920	120 230	20 10				360	) 0	456,300 508,830	360
		Victorian Volcanic Plain	n/a	0	1,786,850	n/a		0	n/a	6,950	230	70		710		11,240	4,280	1,761,720	1,850
			,u	Ŭ	.,. 55,500	11/0	.,040	Ŭ	11/4	5,500		10		, ,,,	10	,270	.,200	.,. 5.,720	.,500

		-																	
	1												VC Represe	entation in	each land ca	tegory (ha)			
				Area	(ha)					CA	R Reserve S	ystem							
									Level of										
								Level of	protection										
							Area of EVC	-	of pre-1750										
						Pre-1750	currently in		extent in										
						extent	CAR	in CAR	CAR		1				Other	Other			
						remaining	Reserve	Reserve	Reserve	Dedicated	Informal	Code			Parks and	Public	C'wealth		Water
EVC no.		Bioregion	Status	Pre-1750	Current		System (ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Reserves	Land	Land	Private Land	Bodies
991	Water body - salt	Otway Plain	n/a	100	10	10	0	0	0	0	0	0	0	0	0	0	0	10	0
		Greater Grampians	n/a	30	30	100	10	-		10	v	0	0	0	0	0	0	0	20
		Dundas Tablelands	n/a	1,370	1,000	73			7	100		0	0	0	0	10	0	520	370
		Wimmera	n/a	1,420	1,360	96			6	80	0	0	0	0	Ŭ	0	0	90	1,190
		Victorian Volcanic Plain	n/a	49,170	45,060	92	1,490		3	1,480	0	10	0	10	Ŭ	40	0	2,870	40,650
992	Water Body - Fresh	Greater Grampians	n/a	350	10	3	10			10	v	0	0	0	0	0	0	0	0
		Warrnambool Plain	n/a	30	30	100	20	67	67	20	0	0	0	0	0	0	0	0	10
		Dundas Tablelands	n/a	100	90	90	0	0	0	0	0	0	0	0	0	0	0	60	30
		Otway Plain	n/a	1,220	1,080	89			2	30		0	0	0	0	0	0	10	1,040
		Wimmera	n/a	2,280	2,230	98		18	20	410		20	0	0	0	0	0	470	1,310
		Victorian Volcanic Plain	n/a	10,220	8,780	86	190	2	2	190	0	0	0	0	0	0	0	780	7,810
998	Water Body - man-made	Otway Plain	n/a	0	30	n/a	0	0	n/a	0	0	0	0	0	0	10	0	20	0
		Otway Ranges	n/a	0	160	n/a	0	0	n/a	0	0	0	0	0	0	50	0	0	110
		Victorian Volcanic Plain	n/a	0	550	n/a	0	0	n/a	0	0	0	0	0	0	30	0	40	480
		Central Victorian Uplands	n/a	0	870	n/a	0	0	n/a	0	0	0	0	0	0	60	0	60	750
		Greater Grampians	n/a	0	1,610	n/a	0	0	n/a	0	0	0	0	0	0	60	0	10	1,540
		Wimmera	n/a	0	2,160	n/a	0	0	n/a	0	0	0	0	0	0	40	0	20	2,100
		Dundas Tablelands	n/a	0	5,880	n/a	30	0	n/a	0	30	0	0	10	0	0	0	30	5,810
999	Unknown/Unclassified	Greater Grampians	n/a	10	10	100	0	0	0	0	0	0	0	0	0	0	0	10	0
	1	Dundas Tablelands	n/a	100	100	100	10	0	10	0	10	0	0	40	0	0	0	50	0
Total				5,721,530	5,767,870	100	691,710	12	12	550,670	134,740	6,300	36,130	94,240	49,520	57,540	7,790	4,745,910	85,030
								•							•				

Only EVC/Bioregion combinations currently present in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries. This has resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 10 ha to account for the errors discussed above.

Table 16	6 Current representa	tion of Ecological Vege	etation	Classes in	the Gipp	sland RFA	region (as	at 2009).											
							Area of		Level of				/C Represe	ntation in	each land	category (ha)			
				Area	(ha)		EVC	Level of	protection	CA	R Reserve S	System							
							currently in	EVC	of pre-1750										
						Pre-1750	CAR	protection	extent in										
						extent	Reserve	in CAR	CAR						Other	Other Parks	5		
						remaining	System	Reserve	Reserve	Dedicated	Informal	Code			Public	and	C'wealth	Private	Water
EVC no.	EVC	Bioregion	Status		Current	(%)	(ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Land	Reserves	Land	Land	Bodies
1	Coastal Dune	Wilsons Promontory	LC	1,480	1,470	99	1,470	100	99	1,470	0	0	0		(	) (	) (	0	C
	Scrub/Coastal Dune	Gippsland Plain	D	9,660	7,470	77	5,540	74			) (	0	0	(	200		) (	1,720	10
2	Coast Banksia	Highlands - Southern Fall	n/a	30		100	20	67				20	0	10	(	) (	) (	0	C
	Woodland	Strzelecki Ranges	V	130	60	46	50	83				0	0	(	,	,	) (	10	
		Wilsons Promontory	R		290	100	290	100				0	0		(		) (	0	, ,
		Gippsland Plain	V	2,980	1,350	45		45				0	0	_	20		) (	720	
		East Gippsland Uplands	V	20		50	0	0	C	·		0	0				) (	0	
	Woodland	Highlands - Southern Fall	V	10 40		100	0	0	0	0	' '	0	0	10		<u> </u>	) (	10	.—
		Highlands - Northern Fall Wilsons Promontory	V	90	30 90	75 100	90	100	100	·		0	0		) 20		) (	10	.——
		Gippsland Plain	V	43,570	17,290	40	7.000	40				0	0	10	,	,	) (	9,470	180
5	Coastal Sand Heathland	Oippoiatiu i iaiti	V	70,070	11,290	40	7,000	40	10	7,000		, ,	- ·		030	<del>'</del>		, 3,+70	100
ľ l	Coustal Carlo Heatind III	Wilsons Promontory	R	20	30	150	20	67	100	20	0	0	0		0		10	0	, ,
6	Sand Heathland	Wilsons Promontory	R	770	770	100	770	100	100	770	) (	0	0		(	) (	) (	0	,
		Gippsland Plain	R	7,530	7,210	96	6,350	88		6,350	0	0	0		390	) (	) (	460	10
7	Clay Heathland	East Gippsland Lowlands	V	10	10	100	10	100	100	0	10	0	0	(	(	) (	) (	0	(
		East Gippsland Uplands	V	30		100	30	100					0	(	(	) (	) (	0	C
		Gippsland Plain	D		640	98	560	88					0	10				70	C
8	Wet Heathland	East Gippsland Lowlands	LC	40		75	20	67				0	0	10		) (	) (	0	C
		Strzelecki Ranges	V	260	130	50	110	85					0			,	) (	20	
		Gippsland Plain	D		1,800	22	830	46				0	0	- 0			) (	820	
	0	Wilsons Promontory	LC	5,960	5,960	100	5,960	100				0	0				) (	) (	
9	Coastal Saltmarsh	Wilsons Promontory	LC LC	130 7,580	120 6,520	92 86	120 4,320	100 66				0	0		190		) (	1 1000	,
10	Catuaria - Matland	Gippsland Plain Wilsons Promontory	R		220	100	4,320	100				0 0	0		190		) (	1,920	90
10	Estuarine Wetland	Gippsland Plain	LC	7,860	5,730	73	2,740	48	35			0	0		510	· '	) (	2,460	20
11	Coastal Lagoon Wetland	Gippsiariu i iairi	LO	7,000	3,730	73	2,740	40	33	2,740	1	,			310	<del>1 '</del>	1	2,400	
l''	Coasiai Lagoon Welland	Wilsons Promontory	R	60	60	100	60	100	100	60	م ار	0	0		ر ا	) (	) (	) (	ر ار
12	Wet Swale Herbland	Wilsons Promontory	R	70		100	70	100				0	0	ì			) (	) (	<del>                                     </del>
1	Trot Graio Fiorbiana	Gippsland Plain	V	100	100	100	100	100	100	100		0	0	ì					J C
15	Limestone Box Forest	East Gippsland Uplands	V	50	50	100	50	100	100			0	0	(	(	) (	) (	0	,
		East Gippsland Lowlands	V	220	200	91	150	75	68	50	100	0	0	(	(	30	) (	20	(
		Gippsland Plain	V	1,160	540	47	100	19		100	) (	0	0		10	) (	) (	410	20
16	Lowland Forest	Wilsons Promontory	LC		3,880	100	3,880	100	100			<u> </u>			<u> </u>		,	0	,
		Strzelecki Ranges	V	14,350	5,810	40	400	7	3	70							) (	3,780	
		East Gippsland Uplands	LC	7,670	7,650	100	4,700	61				200						80	<u>,                                    </u>
		Gippsland Plain	V	81,040	27,290	34		35			4,150	90	70				) (	13,250	
		Highlands - Southern Fall East Gippsland Lowlands	LC LC		30,220 42,500	81 71	9,460 10.930	31 26			5,600		320 210				) (	10,740	10
18	Riparian Forest	Victorian Alps	LC	60,070		83	10,930	100		,		690	∠10	14,350	250		) (	14,090	20
10	Riparian Forest	Wilsons Promontory	LC	50		100	50	100				0 0	0			<u> </u>	) (	) (	
		East Gippsland Lowlands	D	130	130	100	60	46					0	10			) (	50	,
		Highlands - Northern Fall	LC			81	130	100							1 (			) 0	1
		Strzelecki Ranges	V	610	240	39	0	0		0		0 0	0	ì	120	0 (		120	J C
		Gippsland Plain	V	690	510	74	50	10	7	40	) (	10	0	10	200	) (	) (	170	80
		East Gippsland Uplands	LC	1,140	1,090	96	890	82					0				) (	80	(
		Highlands - Southern Fall	LC	6,920	6,770	98	5,740	85			1,580	870	10	660	120	100	) (	110	30
19	Riparian Shrubland	East Gippsland Lowlands	R			100	10	100			,	0	0	(	(		) (	0	
		Highlands - Northern Fall	V	180	180	100	10	6		10		0	0		20			10	
		East Gippsland Uplands	R		630	91	330	52					0				) (	50	
		Gippsland Plain	E		910	36	90	10		- 00								,	
		Highlands - Southern Fall	R	960	910	95	450	49	47	260	190	0	0	10	110	) (	JI (	60	280

												EV	C Represe	ntation in e	each land o	category (ha)			
				Area	(ha)		Area of		Level of	CA	R Reserve S		, , , , , , , , , , , , , , , , , , ,						
EVC no.	EVC	Bioregion			Current	Pre-1750 extent remaining (%)	EVC currently in CAR Reserve System (ha)		protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	C'wealth Land	Private Land	Water Bodies
20	Heathy Dry Forest	Victorian Alps East Gippsland Uplands	LC LC	4,350 16,750	4,340 16,650	100 99	2,760 7.970	64 48		2,100 2,560	330 3,630	330 1,780	210 50	1,280 6,070	10	40	0	2,560	
		Highlands - Southern Fall	LC	25,830	25,790	100		73				2.900	120	6,550	120	70	0	130	
		Highlands - Northern Fall	LC		40,230	97		76				1,130	190	4.830	80		0		2
21	Shrubby Dry Forest	Gippsland Plain	LC	10	10		00,440	0	,-	20,570	0,040	1,100	0	۰,,000	0		0	10	
		Victorian Alps	LC	2,380	2,380	100	1.960	82	82	1,530	110	320	0	400			0	0	
		East Gippsland Lowlands	LC	4,350	4,200	97		26				120	80		Ö		0	640	
		Highlands - Northern Fall	LC	5,090	4,320	85	1,810	42	36	0	1,090	720	390	1,590	0	0	0	530	-
		East Gippsland Uplands	LC	52,660	50,760	96	23,760	47	45	8,200	13,620	1,940	680	21,540	40	0	0	4,730	
		Highlands - Southern Fall	LC	208,540	207,730	100	125,210	60	60	60,620	43,320	21,270	2,110	69,520	30	1,270	0	9,580	
22	Grassy Dry Forest	East Gippsland Lowlands	LC	20	20	100	20	100	100	0	20	0	0	0	0	0	0	0	
		Highlands - Northern Fall	LC	1,840	1,510	82	80	5	4	1 0	0	80	0	570	80	10	0	770	
		East Gippsland Uplands	LC	19,420	17,160	88		35				600	310	2,540	50		0	8,220	
		Highlands - Southern Fall	LC	18,510	17,940	97	12,430	69	67	8,020	2,790	1,620	40	2,760	20	500	0	2,180	
23	Herb-rich Foothill Forest	Gippsland Plain	V	300	70			0		0	0	0	30	0	0	-	0	40	
		Strzelecki Ranges	E		2,570	21		11					190	130			0	1,910	
		Victorian Alps	LC	4,850	4,850	100	3,460	71			380	810	10	1,320	0		0	30	
		East Gippsland Uplands	LC	15,100	13,310	88		44			3,440	1,050	60		30		0	4,440	
		Highlands - Northern Fall	LC	30,700	29,210	95		69				2,140	360	4,550	160		0	3,540	
		Highlands - Southern Fall	LC	70,230	69,960	100	,	80			-,	10,310	390	11,380	180	370	0	1,660	
27	Blackthorn Scrub	East Gippsland Lowlands	R	60	50	83		100				0	0	0	0	0	0	0	
		Highlands - Southern Fall	LC	3,630	3,630	100		77				230	0	780	0	0	0	50	
		East Gippsland Uplands	R	3,770	3,730	99		80				180	40		0	0	0	80	
28	Rocky Outcrop	Victorian Alps	R	50			50	100					0	0	0	0	0	0	
	Shrubland	East Gippsland Uplands	LC	120			120	100					0	0	0	0	0	0	
		Highlands - Southern Fall	R	210	200	95 99		85 98					0	0	0	0	0	30	
00	D = 5	Highlands - Northern Fall	LC	1,440	1,430										_	1	0	30	
29	Damp Forest	East Gippsland Lowlands	LC	180	160	89		25				20	0	120		-	0	0	
		Gippsland Plain Highlands - Northern Fall	E LC	5,800 2.650	2,330 2,600	40 98	650 1.940	28 75				40	60	120 580	150	0	0	1,410 20	
		Victorian Alps	LC	2,620	2,610	100		55					10		0	60	0	20	
		Wilsons Promontory	LC	3,680	3,680	100		100				540	0	1,110	0	0 60	0	0	
		East Gippsland Uplands	LC	13,790	13,740	100	8,500	62			6.490	910	80	4.900	0	0	0	260	
		Strzelecki Ranges	E	123,680	23,790	19		5		890	170	30	20	260	510	120	0	21,790	
		Highlands - Southern Fall	LC	74,950	73,280	98		50				14,130	260	33,760	300		0	1,800	
30	Wet Forest	Gippsland Plain	D	280	70	25	00,700	0		0,120	.0,000	0	0	00,700	10		0	60	
00	Wet i diest	Highlands - Northern Fall	LC	640	630	98	270	43	42	0	60	210	30	330		0	0	0	
		Victorian Alps	LC	2.630	2.640	100		48				510	0	1.330	0	10	0	30	
		East Gippsland Uplands	LC	2,780	2,790	100	1,680	60			890	260	10	1,090	0	0	0	10	
		Wilsons Promontory	LC	3,950	3,950	100	3,950	100			0	0	0	0	0	0	0	0	
		Highlands - Southern Fall	LC	17,610	17,590	100	7,010	40	40	750	2,630	3,630	60	10,380	0	70	0	70	•
		Strzelecki Ranges	D	119,970	58,760	49	3,980	7		3,550	410	20	0	120	1,200	0	0	53,420	
31	Cool Temperate	East Gippsland Uplands	R	40	40	100	40	100	100	0	40	0	0	0	0	0	0	0	
	Rainforest	Victorian Alps	Е	50	40	80	40	100	80	0	40	0	0	0	0	0	0	0	
		Highlands - Southern Fall	Е				90				- 00		0	0	0	0	0	0	
		Wilsons Promontory	Е	140	140	100	140	100				0	0	0	0	0	0	0	
		Strzelecki Ranges	Е	1,890	1,840	97	460			460	0	0	0	0	10	0	0	1,370	
32	Warm Temperate	Highlands - Northern Fall	R	10	10			0		,	Ŭ	0	0	10	0	0	0	0	
	Rainforest	East Gippsland Lowlands	R	240	240	100	190	79					0	0	0	0	0	50	
		Gippsland Plain	Е		310					30			0	0	10	0	0	250	
		Highlands - Southern Fall	R		510			100						0	0	0	0	0	
		East Gippsland Uplands	R	530	530	100	520	98				10	0	0	0	0	0	0	
	I	Wilsons Promontory	R	1,110	1,110 1,120	100 36				1,110		10		0 10		_	0	900	
		Strzelecki Ranges	E	3,120				9			40					0	0		

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				Area	(ha)		Area of		Level of	CA	R Reserve S		C Represe	ntation in e	each land c	ategory (ha)			
EVC no.	EVC	Bioregion		Pre-1750	Current	Pre-1750 extent remaining (%)	EVC currently in CAR Reserve System (ha)		protection of pre-1750 extent in CAR Reserve System (%)		Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	C'wealth Land	Private Land	Water Bodies
35	Tableland Damp Forest	East Gippsland Uplands Highlands - Southern Fall	LC LC	130 470	130 470	100 100	40 190	31 40		70	30 70	10 50	0	90 280	0	0	0	0	0
		Victorian Alps	LC	10,410	10,390	100	3,270	31	31			780	60	7,050	0	10	0	0	0
36	Montane Dry Woodland	East Gippsland Uplands	LC	2,090	1,920	92	830	43					10	590	0	.0	0	490	0
	montano bij vrocalana	Highlands - Southern Fall	LC	4,600	4,560	99		70			360	430	20	1,240	0	100	0	20	0
		Highlands - Northern Fall	LC	20,680	14,950	72	5,040	34	24	2,260	2,430	350	50	3,330	140	0	0	6,390	0
		Victorian Alps	LC	111,430	111,000	100	64,690	58	58	53,200	6,210	5,280	870	42,350	140	640	0	2,310	0
37	Montane Grassy	East Gippsland Uplands	V	740	410	55	20	5		10		, v	0	40	0	0	0	350	0
	Woodland	Highlands - Southern Fall	D	1,930	960	50		15		140		0	0	20	0	0	0	800	0
		Victorian Alps Highlands - Northern Fall	LC D	9,520 46,000	9,470 30,440	99 66	4,330 8,500	46 28			1,320 7,320	320 430	20 440	4,690 5,880	380	20 140	0	410 15,100	0
38	Montane Damp Forest	East Gippsland Uplands	LC	40,000	420	100	110	26					440	280	300	140	0	30	0
, i		Highlands - Southern Fall	LC	2.360	2.350	100	1,430	61					0	890	0	30	0	0	0
1 /		Highlands - Northern Fall	LC	6,130	5,940	97	3,070	52				340	60	2,220	60		0	410	0
L /		Victorian Alps	LC	96,460	96,330	100	52,260	54				7,970	470	42,280	330		0	400	0
39	Montane Wet Forest	East Gippsland Uplands	LC	170	170	100	120	71						50	0	0	0	0	0
		Highlands - Southern Fall	LC	350	350	100	130	37					0	220	0	0	0	0	0
		Highlands - Northern Fall	LC	1,410	1,400	99 99	970 5,440	69				230	0	430	0	0	0	0	0
40	Mantana Dinasian	Victorian Alps	LC	9,770 670	9,710	28	30	56 16		3,840	-	1,180	0	4,220	50		0	30 110	- 0
40	Montane Riparian Woodland	East Gippsland Uplands Highlands - Southern Fall	E E	390	190 220		0	0		·		0	0	0	0	0	0	220	0
	vvoodiand	Victorian Alps	LC	1,070	1,010	94	820	81			Ŭ	0	0	0	20	v	0	170	
		Highlands - Northern Fall	V	5,330	2,970	56	710	24				10	10	30	440		0	1,740	0
41	Montane Riparian	East Gippsland Uplands	LC	10	10	100	10	100	100	0	10	0	0	0	0	0	0	0	0
	Thicket	Highlands - Southern Fall	LC	10		100	10	100			10	0	0	0	0	0	0	0	0
		Highlands - Northern Fall	R	260	260	100	210	81				0	0	10	20	0	0	20	0
		Victorian Alps	LC	2,260	2,280	101	2,160	95			, ,			110	0	0	0	10	0
42	Sub-alpine Shrubland	Victorian Alps	R	40		75	0	0		-	·	0	0	0	30	0	0	0	0
43	Sub-alpine Woodland	Highlands - Southern Fall East Gippsland Uplands	LC LC	20 20	10 20	50 100	10 20	100 100	50 100			0	0	0	0	0	0	0	0
		Highlands - Northern Fall	LC	390	380	97	310	82						60	0	0	0	10	0
		Victorian Alps	LC	53,200	52,870	99	40.880	77				520	140	10,200	760	20	0	870	0
44	Sub-alpine Treeless	Highlands - Southern Fall	R	30	20	67	20	100				0	0	0	0	0	0	0	0
	Vegetation	Highlands - Northern Fall	R	370	280	76	60	21	16	0	40	20	10	70	0	0	0	140	0
		Victorian Alps	R	2,700	2,600	96	1,990	77			430	110		370	10		0	220	0
45	Shrubby Foothill Forest	Highlands - Northern Fall	D	30		67	0	0		·	V	0	0		0	v	0	0	0
		Gippsland Plain Victorian Alps	E LC	440 580	110 590	25 102	240	0 41	41	·	V	60	0	0 350	40		0	70	0
		Strzelecki Ranges	E	15,800	3,080	102		0				0	0	10	20	Ŭ	0	3,040	0
		Wilsons Promontory	LC	3,790	3,790	100	3,790	100				0	0	0	0	0	0	0,040	- 0
		East Gippsland Uplands	LC	5,960	5,950	100	3,450	58			2,600	250	30	2,360	0	0	0	110	0
		Highlands - Southern Fall	LC	23,760	23,740	100	10,630	45	45	2,540	5,900	2,190	60	12,680	0	250	0	120	0
47	Valley Grassy Forest	East Gippsland Lowlands	D	70	30	43	0	0	C	0	0	0	0	0	0	0	0	30	0
		Highlands - Northern Fall	V	30		100	30	100	100		10		0	0	0	0	0	0	0
		Gippsland Plain	V	1,540	440	29	0	0	C	0	0	0	0	0	0	0	0	440	0
1 /		Highlands - Southern Fall East Gippsland Uplands	V D	1,960 8,110	1,740 4,230	89 52	860 360	49 9		620		40 10		60 10	30	0	0	810 3,820	0
48	Heathy Woodland	Highlands - Southern Fall	LC	8,110		52	000	0				10	10	30	30	0	0	3,820	0
7	riodiny vy oodiana	Strzelecki Ranges	D	140	70	50	0	0		0	0	0	0	0	0	0	0	70	0
1 /		East Gippsland Lowlands	D	80	80	100	80	100	100	0	80	Ö	0	Ū	0	0	0	0	0
		Wilsons Promontory	LC	3,300	3,300	100	3,300	100	100		0	0	0	0	0	0	0	0	0
$oxed{oxed}$		Gippsland Plain	LC	40,250	30,080	75		53		7	-,	70	10	2,570	3,040	0	0	8,420	10
53	Swamp Scrub	Wilsons Promontory	E	30	30	100	30	100	100	30	0	0	0	0	0	0	0	0	0
		Highlands - Southern Fall	E E	170 300	40 150	24	0	0		1 10	10	0	0	0	0	0	0	40 130	0
		East Gippsland Lowlands	E	300		50	20	13		10				0	0	0	Ü		0
		Strzelecki Ranges	E	1,420	280	20	10	4	1	Λ.	10	0	0	Λ	Λ	_ ^	Λ.	270	Λ.

								1				EV	IC Donroco	ntation in c	nach land o	ategory (ha)			
				Area	(ha)		Area of		Level of	CA	R Reserve S		T Represe	Titalion in e	each iand c	ategory (na)			
				Alcu	(IIu)		EVC	Level of	protection		T TTCSCIVE C	Jotein	1						
							currently in	EVC	of pre-1750										
						Pre-1750	CAR	protection	extent in										
						extent	Reserve	in CAR	CAR		l				Other	Other Parks			
				D.: 4750		remaining	System	Reserve	Reserve	Dedicated		Code			Public	and	C'wealth	Private	Water
EVC no.	EVC	Bioregion		Pre-1750		(%)	(ha)	system (%)	System (%)	Reserves	Reserves	Prescription	SMZ	GMZ	Land	Reserves	Land	Land	Bodies
55	Plains Grassy Woodland		E	260	50	19	0	0		0	0	0	0	0	0	0	0	50	0
		Highlands - Southern Fall	E E		70	32	0	0	C	0	·	0	0	0	0	0	0	70	0
		East Gippsland Lowlands Gippsland Plain	E		650 19,060	49 14		6		1,080	· ·	0	U	0	380	0	140	650 17,420	40
56	Floodplain Riparian	Highlands - Southern Fall	E		19,000	80	1,060	0	(			0				0	140	40	40
50	Woodland	Gippsland Plain	E		5,680	29	130	2		130	J	0	-			0	0	3,950	700
61	Box Ironbark Forest	Gippsland Plain	V	210	50	24	130	0				0	·			0	0	50	700
01	DOX HOHDAIK I Olest	Highlands - Southern Fall	V	7,290	4,300	59	1,590	37	_	v	· · ·	10	-			0	0	2.630	10
72	Granitic Hills Woodland	Wilsons Promontory	LC	3,980	3,970	100	3,970	100	100		0		0	0	0	0	0	0	- 0
73	Rocky Outcrop	Highlands - Northern Fall	R	_	170	94		76	72		80	0	30	0	0	0	0	10	- 0
l. ŭ	Shrubland/Rocky	East Gippsland Uplands	LC			100	200	95	95						U	0	0	0	
1	Outcrop Herbland	Wilsons Promontory	LC	220	220	100	220	100	100			0				0	0	0	0
1	Mosaic	Victorian Alps	R	460	460	100	440	96	96			30	10	10	0	0	0	0	0
1		Highlands - Southern Fall	LC	8,280	8,280	100	7,710	93	93	6,000	310	1,400	0	430	0	100	0	40	0
74	Wetland Formation	Wilsons Promontory	R	50	50	100	50	100	100	50	0	0	0	0	0	0	0	0	0
		Gippsland Plain	Е	540	530	98	410	77	76	410	0	0	0	0	0	0	0	120	0
82	Riverine Escarpment	Victorian Alps	V	50		100	50	100	100			0	ŭ		0	0	0	0	0
	Scrub	Highlands - Northern Fall	V	100	90	90	80	89	80			0	, v		0	0	0	10	0
		Gippsland Plain	E		110	69	10	9	6			0	-			0	0	100	0
		East Gippsland Lowlands	R		520	102	390	75								0	0	50	0
		East Gippsland Uplands	LC		3,230	99	2,600	80	80			90					0	270	10
		Highlands - Southern Fall	LC	5,140	5,110	99	3,980	78	77			690					0	300	10
83	Swampy Riparian	Highlands - Southern Fall	V	30	20	67		100	67				-			0	0	0	0
	Woodland	East Gippsland Uplands	E F	100 2.640	80 550	80	40	50	40	30	10	0	0	0		0	0	40	0
		Strzelecki Ranges	E	,	1,820	21 14	10	0		, v	0	0	0	0	330 860	0	0	220 950	0
84	Riparian Forest/Swampy	Gippsland Plain		12,070	1,020	14	10	'		10	' ·	0	- 0	U	000	U	U	930	
04	Riparian Forest/Swampy																		
	Woodland/Riparian																		
	Shrubland/Riverine																		
	Escarpment Scrub																		
	Mosaic																		
		Highlands - Northern Fall	D	150	80	53	10	13	7	10	0	0	0	0	0	0	0	0	70
107	Lake Bed Herbland	Highlands - Northern Fall	n/a	610	600	98	600	100	98	600	0	0	0	0	0	0	0	0	0
123	Riparian Forest/Warm	Gippsland Plain	Е	90	20	22	0	0	C	0	0	0	0	0	10	0	0	10	0
	Temperate Rainforest	Strzelecki Ranges	Е	1,930	540	28	10	2	1	10	0	0	0	0	330	0	0	200	0
125	Plains Grassy Wetland	Gippsland Plain	Е	1,070	100	9	0	0	(	0	0	0	0	0	10		0	90	0
126	Swampy Riparian	Gippsland Plain	Е		160	18		0	0	0	·	0	-				0	110	0
	Complex	Strzelecki Ranges	E	5,870	1,190	20		Ţ		Ÿ	-	0	0	0	70	0	0	1,110	10
127	Valley Heathy Forest	Highlands - Northern Fall	Е	90	80	89	70	88	78			0	_			0	0	10	0
1		Highlands - Southern Fall	V	320	310	97	220	71	69			0				0	0	70	0
		East Gippsland Uplands	V	840	840	100	840	100	100			0					0	0	0
128	Grassy Forest	Strzelecki Ranges	E		10	3	0	0	C	0	·	0	_		-	0	0	10	0
		Gippsland Plain	E	7	190	13	0	0		0	ı	0	·			0	0	190	0
132	Plains Grassland	Gippsland Plain	E		2,580	7		15	1	380		0					20	2,110	30
133	Limestone Pomaderris	Gippsland Plain	E	110	30	27		0	0	0		0	Ŭ		-	0	0	30	0
405	Shrubland	East Gippsland Uplands	E			83	50 10	100	83			0	-			0	0	0	0
135	Gallery Rainforest	East Gippsland Uplands	E	10 40		100 75	10	100	100	10	_	0	0	Ů	Ŭ	0	0	30	0
1		East Gippsland Lowlands Gippsland Plain	E			13	10	33		10		0				0	0	10	10
136	Sedge Wetland	Wilsons Promontory	R			100	70		100			0	-			0	0	10	10
130	George Welland	Gippsland Plain	- K	2,150	1,410	66		35	23		J	·	v		v	U	0	720	- 0
140	Mangrove Shrubland	Wilsons Promontory	R	_	1,410	50	10	100	50			0				0	0	7 Z O	- 0
170	mangrove om ubiand	Gippsland Plain	LC	2.920	2,390	82		89	73		0	0				0	0	220	
141	Sandy Flood Scrub	Gippsland Plain	E	,	1,450	59		22			0	1 0	0				n	810	10
	Canay Flood Colub			_, .00	., .00	00	320		- 10	320		<u> </u>	·		310	<u> </u>	, v	010	10

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				Area	(ha)		Area of		Level of	CA	R Reserve S		/C Represe I	ntation in o	each land c	ategory (ha)			
EVC no.	<b>EVC</b> Coast Banksia	Bioregion	Status		Current	Pre-1750 extent remaining (%)	EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)		Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	C'wealth Land	Private Land	Water Bodies
144	Woodland/Warm Temperate Rainforest																		ļ
	Mosaic	Gippsland Plain	Е	10	10	100	10	100	100	10	0	0	0	0	0	0	0	0	0
151	Plains Grassy Forest	Highlands - Southern Fall	Е	1,030	200	19	0	0	C	0	0	0	0	0	0	0	0	200	0
		Strzelecki Ranges	Е	1,440	340	24	0	0	C	0	0	0	20			0	0	310	0
		East Gippsland Lowlands	E	2,010	620	31	30	5	1	30		0					0	570	0
	0 11 11 111	Gippsland Plain	V	84,570	30,420	36	10,320	34	12	1,500	8,770	50	220	5,060	400	0	0	14,370	50
159	Clay Heathland/Wet Heathland/Riparian Scrub Mosaic	Highlands - Southern Fall	D		10	20	0	0	C	0	a	0	0	0	0	0	0	10	0
160	Coastal Dune Scrub	Gippsland Plain	D			100	30					0	Ŭ			0	0	0	0
161	Coastal Headland Scrub	Strzelecki Ranges	V	330	220	67	120 190	55				0				0	10	90 100	0
	ĺ	Gippsland Plain Wilsons Promontory	D V	380 340	290 330	76 97	190 320	66 97				0	0		·	0	10	100	0
163	Coastal Tussock	Wilsons Promontory	V R	100	90	90	90	100	94			0	0	0	0	0	10	0	0
100	Grassland	Gippsland Plain	V	1,140	940	82	750	80				0	0	0	0	0	0	190	0
164	Creekline Herb-rich Woodland	Gippsland Plain	E	·	890	88	760	85				40		100		0	0	30	0
169	Dry Valley Forest	Highlands - Northern Fall	V	30	10	33	10	100			0	0	0	0	0	0	0	0	0
	' '	Gippsland Plain	Е			29	20	22		20		0	v			0	0	70	0
		East Gippsland Lowlands	V	2,420	2,040	84	750	37				260	20				0	520	0
		East Gippsland Uplands	V	8,300	6,370	77	2,450	38				610	50		750		0	1,290	0
		Highlands - Southern Fall	V	13,930	12,420	89	7,980	64			-,	1,510	50		290	10	0	1,400	40
171	Alpine Fen	Victorian Alps	E D		10	50	10	100				0	0		·	0	0	0	0
175	Grassy Woodland	Victorian Alps	E	120 1,580	120 240	100 15	120	100	100	120	0	0	0	0	0	0	0	240	0
		Gippsland Plain Highlands - Northern Fall	D	4,870	3,930	81	3,170	81	65	3,100	70	0	0	0	v	0	0	690	0
		Highlands - Southern Fall	D		5,060	83	2,640	52			390		v	·			0	2.350	10
		East Gippsland Uplands	D		16,430	46		8		330							0	14,990	0
177	Valley Slopes Dry Forest	East Gippsland Lowlands	R	60	60	100	60	100	100	60	0	0	0	0	0	0	0	0	0
	,,	East Gippsland Uplands	R	260	260	100	190	73	73	130	60	0	0	0	10	0	0	40	20
		Highlands - Southern Fall	LC		1,650	99	1,320	80	79	400	890	30	0	10	10	0	0	280	30
191	Riparian Scrub	Highlands - Southern Fall	V	240	20	8	0	0	0	0	0	0	0	0	·	0	0	20	0
		East Gippsland Lowlands	LC		190	100	190	100								0	0	0	0
	ĺ	Strzelecki Ranges	V	470	270	57	50				- 00					0	0	200	0
	ĺ	Wilsons Promontory Gippsland Plain	LC V	2,180 11,810	2,180 7,320	100 62	2,180 4,380	100	100 37	2,180 1,790	2,250	340	0 40		170	0	0	1,740	0
192	Montane Rocky	Wilsons Promontory	V R		110	100	4,360			,		340				0	0	1,740	0
132	Shrubland	Highlands - Southern Fall	R		280	100	280	100								0	0	0	0
		Victorian Alps	LC		2,770	100	2,670	96			130	10				0	0	0	0
195	Seasonally Inundated Shrubby Woodland	Gippsland Plain	E	130	30	23	0	0	(	0	0	0	0	0	10	0	0	10	10
201	Shrubby Wet Forest	Highlands - Northern Fall	LC		100	100	30					30	0	, ,		v	0	0	0
	1	Victorian Alps	LC	430	420	98	70	17				30	0	300		50	0	0	0
		Highlands - Southern Fall	LC	1,710	1,710	100	500	29				130	10	1,150	0	50	0	0	0
206	Sub-alpine Grassland	Highlands - Southern Fall	R	110	120	109	110	92	100	100	0	10	0	10	0	0	0	0	0
207	Montane Grassy Shrubland	Highlands - Northern Fall	Е	90	90	100	0	0	(	0	0	0	0	0	0	40	0	50	0
210	Sub-alpine Wet Heathland	Highlands - Northern Fall Victorian Alps	E E		350 820	78 100	150 710	43 87						0 40		0	0	80 70	0
211	Sub-alpine Wet Heathland/Alpine Valley Peatland Mosaic	Victorian Alps	Е	70	70	100	60	86	86		0	0	0	0	0	0	0	10	0
233	Wet Sands Thicket	Strzelecki Ranges	R	70	60	86	10	17	14	0	0	10	0	30	0	0	0	20	

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				Area	(ha)		Area of		Level of	CA	R Reserve S		/C Represe I	ntation in e	each land c	ategory (ha)			
EVC no.	<b>EVC</b> Plains Grassy	Bioregion	Status		Current	Pre-1750 extent remaining (%)	EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)	Dedicated	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	C'wealth Land	Private Land	Water Bodies
259	Woodland/Gilgai Wetland Mosaic	Gippsland Plain	E	31,030	3,980	13	120	3		0	120		0	0	30	,	0	3,830	0
307	Sand Heathland/Wet	Gippsland Plain	D		20	100	20	100	100	20		Ö	0	0			0	0,000	0
00.	Heathland Mosaic	Strzelecki Ranges	LC		80	100	80	100				0	0			0	0	0	0
		Wilsons Promontory	R	3,340	3,330	100	3,330	100	100	3,330	0	0	0	0	0	0	0	0	0
309	Calcareous Swale Grassland	Gippsland Plain	V	560	560	100	560	100	100	560	0	0	0	0	0	0	0	0	0
310	Wet Rocky Outcrop Scrub	Wilsons Promontory	R	520	520	100	520	100	100	520	0	0	0	0	0	0	0	0	0
315	Shrubby Foothill Forest/Damp Forest Complex	Highlands - Southern Fall	LC	7,990	7,900	99	3,490	44	44	220	1,690	1,580	290	3,860	0	0	0	260	0
316	Shrubby Damp Forest	Gippsland Plain	LC		110	46	0	0		0		0	0	0	0	0	0	110	0
		Victorian Alps	LC	580	580	100	540	93	93							, v	0	0	0
		East Gippsland Lowlands	LC	1,440	1,310	91		46				70		410		130	0	170	0
		East Gippsland Uplands Highlands - Southern Fall	LC LC	11,260 55,270	11,210 55,230	100 100	6,230 33,040	56 60			4,160 15,890	900 7,870	210 350		0		0	320 450	0
317	Sub-alpine Wet Heathland/Sub-alpine						·					7,070	330	21,000		00	Ü		
	Grassland Mosaic	Highlands - Northern Fall	Е			94	80	50					0	10		0	0	70	0
318	Montane Swamp	East Gippsland Uplands	E		70	37		0				0					0	40	0
319	Montane Herb-rich	Highlands - Northern Fall Highlands - Southern Fall	E LC	510 190	360 190	71 100	20 110	58		30		80					0	240	0
319	Woodland	East Gippsland Uplands	LC		3,120	100	2.060	66								·	0	100	0
		Victorian Alps	LC		4,670	100	2,190	47			450	460	40		0	90	0	10	0
		Highlands - Northern Fall	LC	16,780	16,510	98	10,320	63			3,100	490	110	3,780	520	40	0	1,740	0
320	Grassy Dry	Highlands - Southern Fall	LC	150	150	100	150	100				0	Ŭ	0	0	0	0	0	0
322	Forest/Heathy Dry Dry Rainforest/Warm	Highlands - Northern Fall East Gippsland Lowlands	LC E		370 50	100 83	370	100		370		0		0	·	1	0	0	30
322	Temperate	East Gippsland Uplands	E	120	120	100	20	17		9	·		-				0	0	100
334	Billabong Wetland	East Gippsland Lowlands	E			17		0				0				0	0	10	0
	Aggregate	Gippsland Plain	Е	790	410	52	30	7	4	30	0	0	0	0	20	0	0	360	0
638	Swamp Scrub/Wet Heathland Mosaic	Gippsland Plain	Е	1,130	190	17	40	21	4	40	0	0	0	0	10	0	0	140	0
639	Swamp Scrub/Plains Grassy Forest Mosaic	Gippsland Plain	Е	2,910	130	4	10	8	C	10	0	0	0	0	0	0	0	120	0
681	Deep Freshwater Marsh	Gippsland Plain	V	8,180	6,410	78	1,910	30	23	1,910	0	0	0	0	60	0	20	2,630	1,790
686	Wet Heathland/Damp Heathland Mosaic	Gippsland Plain	D	7,090	420	6	170	40	2	100	70	0	0	0	0	0	0	250	0
687	Swamp Scrub/Plains Grassland Mosaic	Gippsland Plain	Е	22,250	1,720	8	260	15	1	40	220	0	0	10	30	0	0	1,420	0
688	Swampy Riparian Woodland/Swamp Scrub Mosaic	Gippsland Plain	E	4,090	530	13	10	2		0	10	0	0	0	40	0	0	480	0
690	Floodplain Riparian Woodland/Billabong Wetland Mosaic	Gippsland Plain	E	3,060	150	5	0	0	C	0	0	0	0	0	0	0	0	150	0
691	Aquatic Herbland/Plains Sedgy Wetland Mosaic	Gippsland Plain	V	1,150	760	66	190	25	17	190	0	0	0	0	0	0	10	560	0
695	Dry Valley	East Gippsland Lowlands	E		50	10	0	0		0	v	0	Ŭ	0	v	v	0	50	0
200	Forest/Swamp	Gippsland Plain	Е	4,460	550	12	140	25	3	140	0	0	0	0	10	0	0	350	50
698	Lowland Forest/Heathy Woodland Mosaic	Gippsland Plain	V	9,650	880	9	40	5	C	40	0	0	0	0	20	0	0	820	0

												F\	/C Panrace	ntation in a	aach land c	category (ha)			
				Area	(ha)		Area of		Level of	CA	R Reserve S		C Represe	illation in e	eacii iailu u	ategory (na)			
EVC no.		Bioregion	Status		Current	Pre-1750 extent remaining (%)	EVC currently in CAR Reserve System (ha)	Level of EVC protection in CAR Reserve system (%)	protection of pre-1750 extent in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	C'wealth Land	Private Land	Water Bodies
699	Valley Grassy Forest/Swamp Scrub Mosaic	Gippsland Plain	E	220	20	9	0	0	C	0	0	0	0	0	0	0	0	20	0
701	Swamp Scrub/Warm Temperate Rainforest/Billabong Wetland Mosaic	Gippsland Plain	E	1,820	50	3	10	20	1	10	0	0	0	0	0	0	0	40	0
702	Montane Grassland	Highlands - Northern Fall	Е	2,010	260	13	60	23	3	60	0	0	0	0	20	0	0	180	0
703	Montane Grassy Woodland/Montane Grassland Mosaic	Highlands - Northern Fall	E	1,870	140	7	0	0	C	0	0	0	0	0	0	0	0	140	0
793	Damp Heathy Woodland	Strzelecki Ranges	D	240	100	42	0	0	C	0	0	0	0	0	0	0	0	100	0
795	Lowland Forest/Damp Sands Herb-rich	East Gippsland Lowlands Gippsland Plain	V	50 24,930	20 10,290	40 41		0 13	5	1,350	,	0	0	-			0	20 8,790	0 10
858	Coastal Alkaline Scrub	Wilsons Promontory Gippsland Plain	D		10 3,550	100	10 3,550	100		10		0		0		0	0	0	0
863	Floodplain Reedbed	Gippsiand Plain	E	1,620	560	35	3,550	9	100	3,550	1 0	0	0	0	10		0	490	10
875	Blocked Coastal Stream Swamp	Gippsland Plain	R		30	100	30	100	100			0	0	0	0		0	0	0
876	Spray-zone Coastal Shrubland	Wilsons Promontory	R	10	10	100	10	100	100	10		0	0	0	0	0	0	0	0
877	Lowland Herb-rich	Gippsland Plain	D		500	41		4	2	10		0	0	0	30	0	0	440	10
	Forest	East Gippsland Uplands	LC		2,750	97		68	65	370	1,370	120	80	520	20	0	0	270	0
		Highlands - Southern Fall	D	6,560	5,630	86		25				260	30		50		0	3,020	0
		East Gippsland Lowlands	D	25,470	15,090	59	3,590	24	14	570	2,190	830	90	4,080	240	30	0	7,060	0
878	Damp Sands Herb-rich Woodland/Swamp Scrub Complex	Gippsland Plain	V	5,110	620	12	300	48	6	300	0		0	0	0	0	0	320	0
879	Coastal Dune Grassland	Gippsland Plain	D		30	75	30	100	75			0	0	0	0	0	0	0	0
935	Estuarine Wetland/Estuarine	Cippolaria i iam		40	50	70		100	70								Ŭ		
	Swamp Scrub Mosaic	Gippsland Plain	D	300	110	37	0	0	C	0	0	0	0	0	50	0	0	60	0
937	Swampy Woodland	Gippsland Plain	Е	1,540	230	15	10	4	1	10	0	0	0	0	20	0	0	200	0
969	Exotic Non-native	Highlands - Northern Fall	n/a	0	40	n/a	0	0				0	0				0	30	0
	vegetation	Victorian Alps	n/a	0	40	n/a	0	0	n/a	0		0	0	0			0	10	0
		East Gippsland Uplands Highlands - Southern Fall	n/a n/a	0	110 3,420	n/a n/a	30	0	n/a n/a		,	0	0	·			0	110 3,340	0
		East Gippsland Lowlands	n/a n/a	0	6,540	n/a n/a	30	0				0					0	6,460	0
		Strzelecki Ranges	n/a	0		n/a	80	0	n/a			0	0				0	35,480	10
		Gippsland Plain	n/a	0		n/a		0				Ö					0	41,430	20
982	No EVC assigned - need	Highlands - Southern Fall	n/a	40		100	10	25			·	10		30		0	0	0	0
	editing	Gippsland Plain	n/a	140	120	86	100	83				0	0	0	0	0	0	10	10
985	Sandy Beach	Wilsons Promontory	n/a	260	240	92		100				0	0			v	0	0	0
	L	Gippsland Plain	n/a	1,050	1,000	95	950	95				0					0	0	0
986	Rocky Shore	Wilsons Promontory	n/a	290		86		96				0	Ţ				10	0	0
990	Non Vegetation	Wilsons Promontory Victorian Alps	n/a n/a	0	60 650	n/a n/a	50 100	83 15				10		Ü	-	v	10	430	0
		Highlands - Southern Fall	n/a n/a	0		n/a n/a	220	15	n/a								0	14.740	50
		East Gippsland Lowlands	n/a	0	24,900	n/a	50	0	n/a								0	24,600	10
		Highlands - Northern Fall	n/a	0	32,380	n/a		1									0	31,450	10
		East Gippsland Uplands	n/a	0	32,660	n/a	240	1	n/a	160	70	10			570	0	0	31,760	40
		Strzelecki Ranges	n/a	0	175,980	n/a	170	0	n/a								0	172,220	10
		Gippsland Plain	n/a	0	510,040	n/a	2,600	1	n/a	2,440	140	20	0	180	9,220	0	610	496,820	610

	l	1							11 .6			EV	C Represe	ntation in e	each land c	ategory (ha)			
				Area	a (ha)		Area of		Level of	CA	R Reserve S	System							
							EVC	Level of	protection										
							currently in		of pre-1750										
						Pre-1750	CAR	protection	extent in										
						extent	Reserve	in CAR	CAR	Dedicated	Informal	Code				Other Parks	<b>6</b> 1	B	144.4
E1/0	510	B		Pre-1750	Current	remaining	System	Reserve	Reserve		Reserves	Prescription	0117	0117	Public	and	C'wealth	Private	Water
EVC no.	EVC					(%)	(ha)	system (%)	System (%)	Reserves	Reserves	riescription	SMZ	GMZ	Land	Reserves	Land	Land	Bodies
992		East Gippsland Lowlands	n/a	20		50	0	0	0	0	0	0	0	0	0	0	0	0	10
		Highlands - Southern Fall	n/a	20		50	0	100	0	0	0	0	0	0	0	0	0	10	0
		Wilsons Promontory Gippsland Plain	n/a	47,290		100	10 2,170	100	100	10 2,170		0	0	0	40	0	10	1,370	43,030
000			n/a			99		100	100			0	0	0	40	0	10	1,370	43,030
		Wilsons Promontory	n/a	70		100	70	100		70		0	0	0	0	0	0	0	- 0
998		Highlands - Northern Fall Highlands - Southern Fall	n/a n/a	0		n/a n/a	10 20	33	n/a n/a			0	0	0	10	0	0	40	20 1.090
		Gippsland Plain	n/a	0	,		10		n/a			0	0	0	10	0	0	230	1,030
			n/a R		, ,	n/a		72				10	0	70	10	0	0		1,030
		Victorian Alps	K	710	670	94	480	12	68	440	30	10	U	70	10	U	U	110	
1002	Alpine Damp Grassland	Vieteries Alex	R	600	570	95	400	81	77	430	30		0	40				70	0
1000		Victorian Alps	K	600	5/0	95	460	81	11	430	30	, u	U	40	U	U	U	70	- 0
1003	Sub-alpine Dry Shrubland	Victorian Alps	R	280	280	100	270	96	96	270			0	0	0		0	10	0
1001		Victorian Alps	K	200	200	100	210	90	96	2/0		, 0	U	U	U	U	U	10	- 0
1004	Alpine Grassy Heathland	Victorian Alps	R	1.180	1.160	98	990	85	84	980	10		0	10	90	١ ,	0	70	0
1005	Alpine Grassy	Victorian Alps	K	1,100	1,160	90	990	00	04	900	10	, 0	U	10	90	U	U	70	
1005	Heathland/Alpine																		
		Victorian Alps	R	660	660	100	570	86	86	570			0	0	0	۸ .	0	90	0
1012		Victorian Alps	IX V	10		100	370	00	00	370		0	0	0	10	0	0	90	0
	Alpine Rocky Outcrop	VICTORIAN AIPS	V	10	10	100	U	U	U	U	-	, 0	U	U	10	U	U	U	
1105	Heathland/Alpine Dwarf																		
		Victorian Alps	R	20	20	100	10	50	50	10		0	0	0	10	۱ ،	0	0	0
1106		Strzelecki Ranges	IX V	7.830		25	930	48				0	0	0	10	0	0	990	0
1100		Gippsland Plain	V V	46,410		12		40	12	150		0	0	0	100	U	0	5,120	0
Total	vv oodianu/Lowiand	Oippoiatiu i iaiti	v		2,658,960		895,390	34	O			111,110	10,650	431,750		-	860	1,222,750	51,840
	10/D: : 1:			2,000,970		100		. 34			240,030	111,110			35,340	10,300		, ,	

Only EVC/Bioregion combinations currently present in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries. This has resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 10 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions. The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone and General Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions. Status refers to Bioregional Conservation Status, where: E – Endangered; V – Vulnerable; D – Depleted; R – Rare; and LC – Least Concern. E, V and R statuses are defined in accordance with the national reserve criteria (JANIS 1997).

Table 17 Current representation of old-growth in the East Gippsland RFA region (as at 2009).

14010 17	Current representation of	olu glowell l	ii tiit Emst Gip		egion (us ut 20	.05).				Old-growth F	Representation	on in each lar	nd category		
								CA	R Reserve S				<u> </u>		
															1
EVC no	EVC	Area (ha)	Area which is old-growth (ha)	Amount of EVC which is old-growth (%)	Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Private Land	Water Bodies
2	Coast Banksia Woodland	3,420	200	6	yes	200	100	200	0	0	0	0	0	0	0
14	Banksia Woodland	39,310	7,500	19	no	7,300	97	6,400	900	0	0	200	0	0	0
15	Limestone Box Forest	6,620	400	6	yes	300	75	200	100	0	0	100	0	0	0
16	Lowland Forest	262,300	8,700	3	yes	3,800	44	1,500	1,700	600	500	4,300	100	0	0
18	Riparian Forest	18,450	400	2	yes	400	100	100	300	0	0	0	0	0	0
20	Heathy Dry Forest	1,960	100	5	yes	100	100	100	0	0	0	0	0	0	0
21	Shrubby Dry Forest	222,790	26,900	12	no	17,900	67	13,800	2,600	1,500	300	8,400	100	200	0
22	Grassy Dry Forest	27,520	1,500	5	yes	700	47	300	300	100	0	800	0	0	0
24	Foothill Box Ironbark Forest	600	200	33	no	200	100	200	0	0	0	0	0	0	0
27	Blackthorn Scrub	5,220	1,200	23	no	1,100	92	900	200	0	0	100	0	0	0
28	Rocky Outcrop Shrubland	1,600	100	6	yes	100	100	100	0	0	0	0	0	0	0
29	Damp Forest	243,520	29,300	12	no	18,500	63	10,000	5,100	3,400	800	10,000	0	0	0
30	Wet Forest	91,100	26,300	29	no	20,600	78	15,600	3,400	1,600	800	4,900	0	0	0
35	Tableland Damp Forest	5,110	1,200	23	no	900	75	700	200	0	100	200	0	0	0
36	Montane Dry Woodland	58,180	1,100	2	yes	800	73	500	300	0	0	300	0	0	0
38	Montane Damp Forest	14,440	500	3	yes	200	40	200	0	0	0	300	0	0	0
39	Montane Wet Forest	13,570	1,700	13	no	1,600	94	1,600	0	0	0	100	0	0	0
43	Sub-alpine Woodland	8,570	200	2	yes	200	100	100	100	0	0	0	0	0	0
47	Valley Grassy Forest	16,910	1,500	9	yes	1,100			800	100	100	300	0	0	0
Total	to which can wavelly centain a		109,000			76,000	70		16,000		2,600		200		

Only EVCs which can usually contain old-growth in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. The modelled old-growth layer (MOG\_2009) used incorporates fire disturbance to March 2009 and timber harvesting disturbance to June 2008. While changes to forest management zoning have been made since the RFA was signed, no comparison can be made between this table and that created in 1997 following the RFA for the East Gippsland Forest Management Plan Amendment, as they are based on different EVC and old-growth source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries; this resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements.

Old-growth modelling in Victoria is limited to vegetation with potential height generally greater than 5 metres and a eucalypt crown cover projection generally greater than 10%. EVCs which do not generally meet this description are not included in this table. The new modelled old-growth dataset used in the analysis does not account for old-growth recovery in the East Gippsland RFA region post June-2007. It is likely that the figures in these tables underestimate the extent of old-growth in this region. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells), and modelled old-growth (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 100 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions. The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone and General Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions.

Table 18 Current representation of old-growth in the Central Highlands RFA region (as at 2009).

					Ü					Old-gro	wth represe	ntation in eac	h land catego	ory (ha)		
								CA	R Reserve S	ystem						
EVC no	EVC	Area (ha)	Area which is old-growth (ha)		Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	Private Land	Water Bodies
18	Riparian Forest	34,740	100	0	yes	100	100	0	100	0	0	0	0	0	0	0
20	Heathy Dry Forest	14,720	4,200	29	no	3,100	74	800	1,900	400	0	900	200	0	0	0
23	Herb-rich Foothill Forest	135,450	200	0	yes	100	50	0	100	0	0	100	0	0	0	0
29	Damp Forest	168,080	400	0	yes	400	100	200	200	0	0	0	0	0	0	0
30	Wet Forest	120,890	1,400	1	yes	1,400	100	1,300	100	0	0	0	0	0	0	0
36	Montane Dry Woodland	7,040	1,400	20	no	900	64	100	700	100	0	500	0	0	0	0
39	Montane Wet Forest	50,090	300	1	yes	300	100	300	0	0	0	0	0	0	0	0
48	Heathy Woodland	2,090	800	38	no	600	75	500	100	0	0	200	0	0	0	0
Total			8,800			6,900	78	3,200	3,200			1,700		0	0	0

Only EVCs which can usually contain old-growth in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. The modelled old-growth layer (MOG\_2009) used incorporates fire disturbance to March 2009 and timber harvesting disturbance to June 2008. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC and old-growth source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries; this resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements.

Old-growth modelling in Victoria is limited to vegetation with potential height generally greater than 5 metres and a eucalypt crown cover projection generally greater than 10%. EVCs which do not generally meet this description are not included in this table. The modelled old-growth dataset used in the analysis does not account for old-growth recovery in this RFA region. It is likely that the figures in this table underestimate old-growth extent. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells), and modelled old-growth (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 100 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions.

The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone and General Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions.

Table 19 Current representation of old-growth in the North East RFA region (as at 2009).

	Current representation of old-growth			19 (	).					Old-grow	th represen	tation in eacl	h land catego	ory (ha)		
								CA	R Reserve S	ystem						
EVC no	EVC	Area (ha)	Area which is old-growth (ha)	Amount of EVC which is old-growth (%)	Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Public Land	Other Parks and Reserves	Private Land	Water Bodies
18	Riparian Forest	14,760	200	1	yes	200	100	100	100	0	0	0	0	0	0	0
20	Heathy Dry Forest	86,980	9,300	11	no	7,600	82	5,700	1,500	400	0	1,700	0	0	0	0
21	Shrubby Dry Forest	279,760	53,300	19	no	31,700	59	14,600	11,300	5,800	400	21,100	100	0	0	0
22	Grassy Dry Forest	190,370	10,100	5	yes	7,500	74	4,000	3,100	400	0	2,400	200	0	0	0
23	Herb-rich Foothill Forest	439,850	34,800	8	yes	21,900	63	9,400	8,200	4,300	100	12,700	100	0	0	0
29	Damp Forest	48,010	3,600	7	yes	2,300	64	900	700	700	0	1,200	100	0	0	0
30	Wet Forest	6,690	800	12	no	700	88	400	200	100	0	100	0	0	0	0
36	Montane Dry Woodland	137,670	14,000	10	no	8,900	64	6,000	1,400	1,500	100	4,600	200	200	0	0
38	Montane Damp Forest	40,260	3,000	7	yes	1,800	60	1,000	300	500	0	1,100	100	0	0	0
41	Montane Riparian Thicket	1,250	100	8	yes	100	100	0	100	0	0	0	0	0	0	0
43	Sub-alpine Woodland	43,340	7,900	18	no	6,900	87	6,700	100	100	0	200	700	100	0	0
72	Granitic Hills Woodland	25,830	3,500	14	no	3,500	100	3,500	0	0	0	0	0	0	0	0
83	Swampy Riparian Woodland	3,270	100	3	yes	100	100	100	0	0	0	0	0	0	0	0
84	Riparian Forest/Swampy Riparian Woodland/Riparian Shrubland/Riverine Escarpment Scrub Mosaic	4,360	100	2	yes	100	100	0	100	0	0	0	0	0	0	0
Total	a subject and supplies and a supplies and		140,800			93,300	66			13,800	600	45,100		300	0	0

Only EVCs which can usually contain old-growth in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. The modelled old-growth layer (MOG\_2009) used incorporates fire disturbance to March 2009 and timber harvesting disturbance to June 2008. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC and old-growth source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries; this resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements.

Old-growth modelling in Victoria is limited to vegetation with potential height generally greater than 5 metres and a eucalypt crown cover projection generally greater than 10%. EVCs which do not generally meet this description are not included in this table. The modelled old-growth dataset used in the analysis does not account for old-growth recovery in this RFA region. It is likely that the figures in this table underestimate old-growth extent. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells), and modelled old-growth (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 100 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions. The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions.

Table 20 Current representation of old-growth in the West Victoria RFA region (as at 2009).

20	Current representation of old-gro				2007).					Old	arowth repr	esentation in	n each land ca	tegory (ha)			
								C4	R Reserve S		growthrepr	Cocination	T Cuon lana ot	negory (na)			
									ar reserve o	yotom							
EVC no	EVC	Area (ha)	Area which is old-growth (ha)	Amount of EVC which is old-growth (%)	Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'with Land	Private Land	Water Bodies
3	Damp Sands Herb-rich Woodland	65,050	1,100	2	yes	800	73	600	200	0	100	100	0	100	0	0	0
16	Lowland Forest	97,310	2,400	2	yes	2,200	92	2,100	100	0	0	100	100	0	0	0	0
18	Riparian Forest	7,330	100	1	yes	100	100	100	0	0	0	0	0	0	0	0	0
20	Heathy Dry Forest	115,990	7,700	7	yes	7,500	97	5,800	1,700	0	0	100	0	100	0	0	0
21	Shrubby Dry Forest	10,290	400	4	yes	400	100	400	0	0	0	0	0	0	0	0	0
22	Grassy Dry Forest	78,360	1,100	1	yes	1,100	100	600	500	0	0	0	0	0	0	0	0
30	Wet Forest	43,070	2,600	6	yes	2,500	96	2,500	0	0	0	0	100	0	0	0	0
45	Shrubby Foothill Forest	70,630	1,100	2	yes	1,100	100	1,100	0	0	0	0	0	0	0	0	0
47	Valley Grassy Forest	29,980	400	1	yes	400	100	400	0	0	0	0	0	0	0	0	0
48	Heathy Woodland	191,230	56,600	30	no	47,400	84	29,100	18,300	0	2,100	6,000	800	200	0	100	0
55	Plains Grassy Woodland	168,730	200	0	yes	200	100	100	100	0	0	0	0	0	0	0	0
61	Box Ironbark Forest	18,170	100	1	yes	100	100	100	0	0	0	0	0	0	0	0	0
64	Rocky Chenopod Woodland	960	100	10	no	100	100	100	0	0	0	0	0	0	0	0	0
67	Alluvial Terraces Herb-rich Woodland	10,860	100	1	yes	100	100	100	0	0	0	0	0	0	0	0	0
71	Hills Herb-rich Woodland	25,550	1,100	4	yes	1,100	100	1,100	0	0	0	0	0	0	0	0	0
179	Heathy Herb-rich Woodland	25,930	2,800	11	no	1,900	68	1,100	800	0	200	700	0	0	0	0	0
	Seasonally Inundated Shrubby Woodland	6,370	200	3	yes	200	100	200	0	0	0	0	0	0	0	0	0
	Sedgy Riparian Woodland	7,910	500	6	yes	500	100	500	0	0	0	0	0	0	0	0	0
201	Shrubby Wet Forest	32,880	700	2	yes	600	86	600	0	0	0	0	100	0	0	0	0
278	Herb-rich Heathy Forest	430	100	23	no	100	100	100	0	0	0	0	0	0	0	0	0
282	Shrubby Woodland	9,150	400	4	yes	400	100	400	0	0	0	0	0	0	0	0	0
336	Grampian Ranges Mosaics	7,570	500	7	yes	500	100	500	0	0	0	0	0	0	0	0	0
382	Lowland Forest/Heathy Dry Forest Complex	740	100	14	no	100	100	100	0	0	0	0	0	0	0	0	0
481	Heathy Woodland/Heathy Dry Forest Complex	1,290	100	8	yes	100	100	100	0	0	0	0	0	0	0	0	0
	Wet Heathland/Heathy Woodland Mosaic	4,870	900	18	no	900	100	900	0	0	0	0	0	0	0	0	0
650	Heathy Woodland/Damp Heathy Woodland/Damp Heathland Mosaic	15,930	4,000	25	no	4,000	100	600	3,400	0	0	0	0	0	0	0	0
704	Lateritic Woodland	6,310	1,300	21	no	1,200	92	800	400	0	0	100	0	0	0	0	0
726	Rocky Outcrop Shrubland/Rocky Outcrop Herbland/Heathy Woodland Mosaic	600	200	33	no	200	100	200	0	0	0	0	0	0	0	0	0
	Heathy Woodland/Limestone Woodland Mosaic	3,390	100	3	yes	100	100	100	0	0	0	0	0	0	0	0	0
	Damp Sands Herb-rich Woodland/Heathy Woodland/Sand Heathland Mosaic	970		21	no	200	100	200	0	0	0	0	0	0	0	0	0

										Old	growth repr	esentation in	n each land ca	ategory (ha)			
								CA	AR Reserve S		Ĭ						
										Ĭ	1						l
EVC no	EVC	Area (ha)	Area which is old-growth (ha)	Amount of EVC which is old-growth (%)	Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public Land	C'with Land	Private Land	Water Bodies
746	Damp Heathland/Damp Heathy Woodland Mosaic	6,180	300	5	yes	300	100	100	200	0	0	0	0	0	0	0	0
	Shallow Sands Woodland/Plains Sedgy Woodland/Seasonally Inundated Shrubby Woodland/Damp Sands Herb- rich Woodland Mosaic	10,700	100	1	yes	100	100	0	100	0	0	0	0	0	0	0	0
751	Seasonally Inundated Shrubby Woodland/Plains Sedgy Woodland Mosaic	1,880	300	16	no	200	67	100	100	0	0	100	0	0	0	0	0
753	Rocky Outcrop Shrubland/Rocky Outcrop Herbland/Sandstone Ridge Shrubland Mosaic	180	100	56	no	100	100	100	0	0	0	0	0	0	0	0	0
757	Damp Sands Herb-rich Woodland/Seasonally Inundated Shrubby Woodland Mosaic	440	100	23	no	100	100	100	0	0	0	0	0	0	0	0	0
	Heathy Herb-rich Woodland/Damp Sands Herb-rich Woodland Mosaic	1,040	100	10	no	100	100	100	0	0	0	0	0	0	0	0	0
786	Heathy Woodland/Heathy Herb-rich Woodland/Damp Heathy Woodland Mosaic	2,670	200	7	yes	200	100	0	200	0	0	0	0	0	0	0	0
793	Damp Heathy Woodland	1,170	100	9	yes	100	100	0	100	0	0	0	0	0	0	0	0
	Damp Sands Herb-rich Woodland/Heathy Woodland Mosaic	4,960	800	16	no	800	100	800	0	0	0	0	0	0	0	0	0
882	Shallow Sands Woodland	19,520	200	1	yes	200	100	100	100	0	0	0	0	0	0	0	0
892	Heathy Woodland/Sand Heathland Mosaic	5,420	1,400	26	no	1,400	100	1,200	200	0	0	0	0	0	0	0	0
Total	Ce which can usually contain old-growth		90,900			79,700	88	53,200	26,500		2,400	7,200	1,100	400		100	

Only EVCs which can usually contain old-growth in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (RV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. The modelled old-growth layer (MOG\_2009) used incorporates fire disturbance to June 2009 and timber harvesting disturbance to June 2008. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC and old-growth source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries; this resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements.

Old-growth modelling in Victoria is limited to vegetation with potential height generally greater than 5 metres and a eucalypt crown cover projection generally greater than 10%. EVCs which do not generally meet this description are not included in this table. The modelled old-growth dataset used in the analysis does not account for old-growth recovery in this RFA region. It is likely that the figures in this table underestimate old-growth extent. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells), and modelled old-growth (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 100 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions. The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone and General Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions.

Table 21 Current representation of old-growth in the Gippsland RFA region (as at 2009).

Table 21	Current representation of old-grov	vtn in the C	sippsiana KF/	A region (as a	t 2009).											
								Old-growth representation in each land category (ha)								
								C.	AR Reserve S	ystem						
EVC no	EVC	Area (ha)	Area which is old-growth (ha)	Amount of EVC which is old-growth (%)	Old-growth component rare or depleted (<10%)?	Area of old- growth currently in CAR system (ha)	Level of protection of old-growth in CAR Reserve System (%)	Dedicated Reserves	Informal Reserves	Code Prescription	SMZ	GMZ	Other Parks and Reserves	Other Public	Private Land	Water Bodies
3	Damp Sands Herb-rich Woodland	17,430	100	(70)	yes	100	100	100	0	0	0.002	0	reserves	0	0	0
16	Lowland Forest	117,400	1,200	1	yes	1,000	83	700	300	0	0	200	0	0	0	0
20	Heathy Dry Forest	87,000	11,100	13	no	7,900	71	4,600	2,600	700	100	3,000	100	0	0	0
21	Shrubby Dry Forest	269,420	17,400	6	yes	10,500	60	4,600	4,100	1,800	100	6,800	0	0	0	0
22	Grassy Dry Forest	36,630	3,600	10	no	2,500	69	300	1,700	500	200	900	0	0	0	0
23	Herb-rich Foothill Forest	119,960	3,600	3	yes	3,000	83	2,000	500	500	0	600	0	0	0	0
27	Blackthorn Scrub	7,410	1,600	22	no	1,500	94	700	800	0	0	100	0	0	0	0
28	Rocky Outcrop Shrubland	1,800	600	33	no	600	100	200	400	0	0	0	0	0	0	0
29	Damp Forest	122,210	4,700	4	yes	3,600	77	1,700	1,600	300	0	1,100	0	0	0	0
30	Wet Forest	86,410	2,300	3	yes	1,900	83	1,300	500	100	0	400	0	0	0	0
35	Tableland Damp Forest	11,010	500	5	yes	200	40	0	200	0	0	300	0	0	0	0
36	Montane Dry Woodland	132,430	5,400	4	yes	3,400	63	2,000	1,100	300	100	1,900	0	0	0	0
37	Montane Grassy Woodland	41,240	2,200	5	yes	1,700	77	300	1,400	0	0	400	0	100	0	0
38	Montane Damp Forest	105,050	3,300	3	yes	2,300	70	1,600	400	300	0	1,000	0	0	0	0
39	Montane Wet Forest	11,650	1,600	14	no	1,300	81	1,100	100	100	0	300	0	0	0	0
40	Montane Riparian Woodland	4,400	100	2	yes	100	100	0	100	0	0	0	0	0	0	0
41	Montane Riparian Thicket	2,550	200	8	yes	200	100	0	200	0	0	0	0	0	0	0
43	Sub-alpine Woodland	53,290	4,100	8	yes	3,200	78	3,100	100	0	0	500	0	400	0	0
45	Shrubby Foothill Forest	37,270	600	2	yes	400	67	200	200	0	0	200	0	0	0	0
48	Heathy Woodland	33,560	6,000	18	no	5,600	93	4,100	1,500	0	0	300	0	100	0	0
72	Granitic Hills Woodland	3,970	200	5	yes	200	100	200	0	0	0	0	0	0	0	0
127	Valley Heathy Forest	1,240	400	32	no	400	100	0	400	0	0	0	0	0	0	0
151	Plains Grassy Forest	31,610	1,800	6	yes	1,400	78	200	1,200	0	0	300	0	100	0	0
164	Creekline Herb-rich Woodland	890	100	11	no	100	100	0	100	0	0	0	0	0	0	0
169	Dry Valley Forest	20,920	300	1	yes	200	67	0	100	100	0	100	0	0	0	0
175	Grassy Woodland	25,780	100	0	yes	100	100	100	0	0	0	0	0	0	0	0
191	Riparian Scrub	9,970	1,100	11	no	1,000	91	600	400	0	0	100	0	0	0	0
316	Shrubby Damp Forest	68,440	1,900	3	yes	1,300	68	200	800	300	100	500	0	0	0	0
319	Montane Herb-rich Woodland	24,480	1,800	7	yes	1,500	83	1,000	300	200	0	300	0	0	0	0
877	Lowland Herb-rich Forest	23,960	400	2	yes	300	75	100	200	0	0	100	0	0	0	0
Total	which can youghly contain ald growth in		78,300			57,500	73	31,000	,			19,400				0

Only EVCs which can usually contain old-growth in this RFA region are reported in this table. The figures shown in this table are based on modelled information and are therefore only approximate. The analysis used the approved EVC datasets (NV2005\_EVCBCS and NV1750\_EVCBCS) at 30 June 2009 and the approved FMZ dataset (FMZ100) at 20 August 2009. The modelled old-growth layer (MOG\_2009) used incorporates fire disturbance to March 2009 and timber harvesting disturbance to June 2008. While changes to forest management zoning have been made since this RFA was signed, no comparison can be made between this table and that in the RFA as they are based on different EVC and old-growth source datasets.

Since the RFAs were signed, changes have been made to the list and classification of EVCs in Victoria; EVCs have been added, removed and merged. The EVC datasets (current and pre-1750 extent) were updated in 2007 to make required changes, and the old EVC datasets are now obsolete. The FMZ source datasets used to determine the level of protection of EVCs within the CAR Reserve System do not exactly match the RFA region boundaries; this resulted in a gap around the edge of most RFA regions producing an error of around 1% in the area statements.

Old-growth modelling in Victoria is limited to vegetation with potential height generally greater than 5 metres and a eucalypt crown cover projection generally greater than 10%. EVCs which do not generally meet this description are not included in this table. The modelled old-growth dataset used in the analysis does not account for old-growth recovery in this RFA region. It is likely that the figures in this table underestimate old-growth extent. The analysis was undertaken using ESRI GRID versions of EVCs (25m cells) and forest zoning (12.5m cells), and modelled old-growth (25m cells). The use of this technique will have modified the area of each attribute compared to the polygon versions of these datasets. Area statements have been rounded to the nearest 100 ha to account for the errors discussed above.

Dedicated Reserves, Informal Reserves and Code Prescription zoning categories comprise the area of each EVC protected within the CAR Reserve System. Code Prescription refers to areas protected by Code of Practice for Timber Production 2007 prescriptions. The remaining zone categories fall outside of the CAR Reserve System. SMZ and GMZ refer to vegetation in Special Management Zone but which are not protected by Code of Practice for Timber Production 2007 prescriptions.

#### **Private land**

Victoria continues to use a range of mechanisms to protect biodiversity on private land. Mechanisms which provide for the protection of biodiversity on private land include:

- conservation covenants under the Victorian Conservation Trust Act 1972 (Vic);
- Land Management Cooperative Agreements under the *Conservation Forests and Lands Act 1987* (Vic);
- critical habitat provisions under the Flora and Fauna Guarantee Act 1988 (Vic); and
- provisions of the *Planning and Environment Act 1987* (Vic).

Private lands across the RFA regions are protected through these mechanisms. Private land protected by these mechanisms can only be included in the CAR reserve system with the consent of the land owner. There were no additions of private land to the CAR reserve system during either Period 1 or Period 2. Although consent has not be provided by any land owners to include their private land within the CAR reserve system, the private lands protected by these mechanisms complement the CAR reserve system.

Regional Native Vegetation Plans completed in 2006 identified assets, areas and sites which are priorities for retention and management over and above the statewide priorities established in *Victoria's Native Vegetation Management: A Framework for Action*.

#### Other lands identified for possible future inclusion in the CAR reserve system

The Central Highlands RFA identified lands managed by Melbourne Water that contain EVCs which are priorities for inclusion in the CAR reserve system. An assessment of these areas has not been undertaken during the review period; however, Victoria continues to protect significant biodiversity and old-growth values on these lands subject to the management requirement to maintain and protect water supply values and assets.

The freehold land surrounding the Beaconsfield Reservoir has been transferred to the Crown as public land and is now included within the CAR reserve system.

#### **APPENDIX 3 – THREATENED SPECIES**

The RFAs document the range of mechanisms in place to conserve the habitat of rare and threatened flora and fauna. These include protection within the CAR reserve system, protection of rare or threatened EVCs, and the development of Action Statements for species listed under the FFG Act and Recovery Plans for species listed under the former ESP Act (now the EPBC Act).

The RFAs identified priorities for the preparation of Action Statements and Recovery Plans, recognising that priorities can change in light of new information. Information on progress with implementation of each of the priorities identified in the RFAs follows. Some actions have not been completed due to changes to national and state priorities over the review period.

# Priority species and EVCs for nomination under the *Flora and Fauna Guarantee Act* 1988 (Vic)

#### **Central Highlands**

Of the species prioritised in the Central Highlands RFA for listing under the FFG Act, four have been nominated to the Scientific Advisory Committee (Table 22). The Smoky Mouse, Grey Goshawk and Strzelecki Gum were approved for listing as threatened species, while the nomination for Tree Geebung was rejected. There is currently insufficient data to nominate the Broad-toothed Rat for listing.

Five EVCs were prioritised in the Central Highlands RFA for nomination under the FFG Act (Table 23). Three of these EVCs have been incorporated in FFG-listed threatened communities.

#### **North East**

Five of the species prioritised in the North East RFA for nomination under the FFG Act have been nominated and listed as threatened (Table 22). The Golden Perch nomination was assessed but rejected for listing.

#### **West Victoria**

Of the 10 species prioritised in the West Victoria RFA for listing under the FFG Act, five have been nominated to the Scientific Advisory Committee (Table 22). Three of the species were listed under the FFG Act as threatened. Two of the species, the Flat-headed Galaxias and Mt. William (Serra) Grevillea, were rejected for listing.

#### **Gippsland**

Of the eight species prioritised in the Gippsland RFA region for nomination under the FFG Act, seven have been the subject of submissions to the Scientific Advisory Committee (Table 22). Six of the species were listed under the FFG Act as threatened, while the Lilly Pilly Burrowing Cray was rejected for listing.

Table 22: Listing status of prioritised species nominated under the *Flora and Fauna Guarantee Act* 1988 (Vic).

Scientific Name	Common Name	Progress
Central Highlands RFA region		
Mastacomys fuscus	Broad-toothed Rat	Data deficient
Myotis macropus	Large footed Myotis	Not nominated
Pseudomys fumeus	Smoky Mouse	Listed
Accipiter novaehollandiae	Grey Goshawk	Listed
Eucalyptus strzeleckii	Strzelecki Gum	Listed
Huperzia varia	Long Clubmoss	Not nominated
Hypsela tridens	Hypsella	Not nominated
Persoonia arborea	Tree Geebung	Rejected
Senecio laticostatus	Ridged Groundsel	Not nominated
Thelymitra circumsepta	Bog Sun-orchid	Not nominated
Tmesipteris elongata ssp. elongata	Slender Fork-fern	Not nominated
Treubia tasmanica	Liverwort	Not nominated
North East RFA region		
Acacia dallachiana	Catkin Wattle	Not nominated
Carex echinata	Star Sedge	Not nominated
Colobanthus affinis	Alpine Colobanth	Not nominated
Craspedia alba	White Billy-buttons	Not nominated
Euchiton nitidulus	Shining Cudweed	Not nominated
Euphrasia crassiuscula ssp. eglandulosa	Thick Eyebright	Listed
Hibbertia humifusa ssp. erigens	Euroa Guinea-flower	Listed
Poa hothamensis var. parviflora	Soft Ledge-grass	Not nominated
Struthidea cinerea	Apostlebird	Listed
Lophoictinia isura	Square-tailed Kite	Listed
Vermicella annulata	Bandy Bandy	Listed
Ramphotyphylops proximus	Woodland Blind Snake	Not nominated
Gadopsis marmoratus	River Blackfish	Not nominated
Galaxias olidus	Mountain Galaxias	Not nominated
Macquaria ambigua	Golden Perch	Rejected
Philypnodon grandiceps	Flat-headed Gudgeon	Not nominated
West Victoria RFA region	Hat Headed Gadgeon	- rectioninated
Aprasia striolata	Striped Worm-lizard	Listed
Bertya findlayi	Mountain Bertya	Not nominated
Caladenia tensa	Rigid Spider-orchid	Not nominated
Diuris behrii	Golden Cowslips	Not nominated
Plectrotarsus gravenhorstii	Caddisfly	Not nominated
Boekella nyoraensis	Calanoid copepod	Not nominated
Taskiria otwayensis	Caddisfly species	Listed
Thelymitra mackibbinii	Brilliant Sun-orchid	Listed
Galaxias rostratus	Flat-headed Galaxias	Rejected
Grevillea williamsonii	Mt. William Grevillea	Rejected
Gippsland RFA region		-,
Epilobium brunnescens ssp. beaugleholei	Bog Willow-herb	Listed
Grevillea celata	Colquhoun Grevillea	Listed
Litoria verreauxii alpina	Alpine Tree Frog	Listed
Litoria littlejohni	(Littlejohn's) Large Brown Tree	Listed
-	Frog	
Gobiomorphus australis	Striped Gudgeon	Not nominated
Engaeus australis	Lilly Pilly Burrowing Cray	Rejected
Euastacus crassus	Alpine Spiny Cray	Listed
Euastacus neodiversus	South Gippsland Spiny Cray	Listed

This list includes a number of priority species which are listed under the EPBC Act:

#### **Gippsland RFA region**

- Epilobium brunnescens ssp. beaugleholei (Bog Willow-herb) Listed as Vulnerable
- Grevillea celata (Colquhoun Grevillea) Listed as Vulnerable
- Litoria verreauxii alpina (Alpine Tree Frog) Listed as Vulnerable
- Litoria littlejohni (Large Brown Tree Frog) Listed as Vulnerable

#### North East RFA region

• Hibbertia humifusa ssp. Erigens (Euroa Guinea Flower) — Listed as Vulnerable

#### **Central Highlands RFA region**

- Pseudomys fumeus (Smoky Mouse) Listed as Endangered
- Eucalyptus strzeleckii (Strzelecki Gum) Listed as Vulnerable
- Senecio laticostatus (Ridged Groundsel) Listed as Vulnerable

Table 23: Priority Ecological Vegetation Classes for nomination under the *Flora and Fauna Guarantee Act 1988* (Vic).

Central Highlands					
Plains Grassy Woodland	Forest Red Gum Grassy Woodland	FFG-listed			
	Community				
Plains Grassy Wetland	Herb-Rich Plains Grassy Wetland	FFG-listed			
Swamp Forest (part of	Sedge-rich Eucalyptus camphora	FFG-listed			
Swampy Riparian Complex)	Community				
Valley Grassy Forest	These EVC's are not yet included in an	y FFG-listed threatened			
Grey Clay Drainage Line	communities				
complex					

# Priority plant species for nomination under the *Flora and Fauna Guarantee Act* 1988 (Vic) and subsequent preparation of Action Statements/Recovery Plans (East Gippsland RFA)

Of the priority species in the East Gippsland RFA, two of the Action Statements have been approved and a further three are in preparation (Table 24). Three previously unlisted species have been nominated and listed as threatened under the FFG Act. Two prioritised Recovery Plans have been adopted, and two more are in preparation.

Table 24: Prioritised flora species in the East Gippsland RFA for nomination and preparation of an Action Statement or Recovery Plan.

Scientific Name	Activity	Progress
East Gippsland RFA		
Pultenaea parrisiae ssp. parrisiae	Recovery plan	Conservation Advice 2008
,	Nominate and proceed toward Action Statement	No progress
Acacia caerulescens	Recovery plan	Adopted 2006
	Nominate and proceed toward Action	Action Statement in
	Statement	preparation
Prasophyllum morganii	Recovery plan	Adopted 2004
	Nominate and proceed toward Action Statement	Approved 2002
Pomaderris brunnea	Recovery plan	In preparation
	Nominate and proceed toward Action Statement	No progress
Thelymitra matthewsii	Recovery plan	In preparation
•	Action Statement	In preparation
Correa lawrenceana var.	Nominate and proceed toward Action	Action Statement in
genoensis	Statement	preparation <sup>1</sup>
Alectryon subcinereus	Nominate and proceed toward Action Statement	FFG listed
Thelychiton speciosum var. speciosum	Action Statement	No progress
Christella dentata	Action Statement	No progress
Pseudoraphis paradoxa	Action Statement	No progress
Gahnia subaequiglumis	Nominate and proceed toward Action Statement	No progress
Cryptostylis erecta	Nominate and proceed toward Action Statement	FFG listed
Sarcochilus falcatus	Action Statement	No progress
Acacia binervia	Nominate and proceed toward Action Statement	FFG listed
Dipodium hamiltonianum	Action Statement	Approved 2003
Pterostylis oreophila	Nominate and proceed toward Action Statement	No progress
Thelymitra sp. aff. pulchella	Nominate and proceed toward Action Statement	No progress
Poa aff. tenera (Capillary)	Nominate and proceed toward Action Statement	No progress

<sup>&</sup>lt;sup>1</sup> In addition a recovery plan is in preparation during the review period.

This list includes a number of priority species which are listed under the EPBC Act:

### **East Gippsland RFA region**

- Pultenaea parrisiae ssp. parrisiae Listed as Vulnerable
- Acacia caerulescens Listed as Vulnerable
- Prasophyllum morganii Listed as Vulnerable
- Pomaderris brunnea Listed as Vulnerable
- Thelymitra matthewsii Listed as Vulnerable

• Correa lawrenceana var. genoensis — Listed as Endangered

### **Priority Ecological Vegetation Classes for preparation of Action Statements**

The East Gippsland RFA identified that priority will be given to the preparation of Action Statements for floristic communities that are listed under the FFG Act and which fall within the following EVCs identified in Table 25. Warm Temperate Rainforest has been listed as four separate threatened communities, all of which have Action Statements in preparation. The Action Statement for the Silurian Limestone Pomaderris Shrubland Community was approved in 1999 and is currently under review.

Table 25: Prioritised Ecological Vegetation Classes for preparation of an Action Statement.

Ecological Vegetation Class	Listed Community	Progress
Limestone Grassy Woodland	Limestone Grassy Woodland Community	FFG-listed
Limestone Pomaderris Shrubland	Silurian Limestone Pomaderris Shrubland Community	FFG-listed Action Statement approved 1999 under review
Warm Temperate Rainforest	Warm Temperate Rainforest (East Gippsland Alluvial Terraces) Community	FFG-listed Action Statement in preparation
	Warm Temperate Rainforest (Coastal East Gippsland) Community	FFG-listed Action Statement in preparation
	Warm Temperate Rainforest (Cool Temperate Rainforest Overlap Howe Range) Community	FFG-listed Action Statement in preparation
	Warm Temperate Rainforest (Far East Gippsland) Community	FFG-listed Action Statement in preparation
Dry Rainforest	Dry Rainforest (Limestone) Community	FFG-listed Action Statement in preparation
Coastal Grassy Forest Montane Riparian Woodland	These EVC's are not yet included in any FFG-	-listed threatened communities

A number of EVCs referred to within the Victorian RFAs correspond with, or overlap with, ecological communities which are listed or are nominated for listing under the EPBC Act. Ecological communities which are listed/nominated for listing under the EPBC Act which correspond with, or overlap with, EVCs referred to in the RFAs are:

#### **East Gippsland RFA region**

- Silurian Limestone Pomaderris Shrubland of the South East Corner & Australian Alps Bioregions
- Alpine Sphagnum Bogs and Associated Fens
- Littoral Rainforest and Coastal Vine Thickets of Eastern Australia
- Gippsland Red Gum (Eucalyptus tereticornis subsp. mediana) Grassy Woodland and Associated Native Grassland

#### **Gippsland RFA region**

- Alpine Sphagnum Bogs and Associated Fens
- Gippsland Red Gum (Eucalyptus tereticornis subsp. mediana) Grassy Woodland and Associated Native Grassland

#### **Central Highlands RFA region**

- White Box Yellow Box Blakely's Red Gum Grassy Woodland & Derived Native Grassland
- Alpine Sphagnum Bogs and Associated Fens
- Natural Temperate Grassland of the Victorian Volcanic Plain
- Grassy Eucalypt Woodland of the Victorian Volcanic Plain

#### **North East RFA region**

- White Box Yellow Box Blakely's Red Gum Grassy Woodland & Derived Native Grassland
- Alpine Sphagnum Bogs and Associated Fens

#### West Victoria RFA region

- Buloke Woodlands of the Riverina and Murray Darling Depression Bioregions
- White Box Yellow Box Blakely's Red Gum Grassy Woodland & Derived Native Grassland
- Natural Temperate Grassland of the Victorian Volcanic Plain
- Grassy Eucalypt Woodland of the Victorian Volcanic Plain

#### Priority species for preparation of an Action Statement / Recovery Plan

Of the 88 species identified as being priority species for Action Statement / Recovery Plan preparation, more than 80 per cent were addressed during Periods 1 and 2. In most cases, new or revised Action Statements and/or Recovery Plans were prepared. In some cases, plans are currently in preparation. In a few cases, such as the Narrow Goodenia, preparation of an Action Statement or Recovery Plan was not required. The Narrow Goodenia was identified for Recovery Plan preparation in the North East RFA. However, a subsequent multi-State review of its distribution and abundance led to its delisting from the EPBC Act and hence no further action was required.

#### **East Gippsland**

Eleven of the prioritised Action Statements for fauna species have been approved since the RFA signing, including the Brush-tailed Phascogale Action Statement that is now under review (Table 26). Action Statements for the Brush-tailed Rock Wallaby and Long-footed Potoroo are currently under review, while the revised Spot-tailed Quoll Action Statement has been approved. Two prioritised Recovery Plans for the Swift Parrot and Long-footed Potoroo have been adopted and are now under review. Recovery Plans are in preparation for a further three species.

Table 26: Progress with preparation of Action Statements/Recovery Plans for priority fauna species identified in the East Gippsland RFA (as at 30 June 2009).

Species Name	Common Name	Activity	Progress
Mammals			
Petrogale penicillata	Brush-tailed Rock- wallaby	Recovery Plan	In preparation
	,	Review Action Statement	Currently under review
Dasyurus maculatus	Spot-tailed Quoll	Recovery Plan	In preparation
		Review Action Statement	Approved 2003
Potorous longipes	Long-footed Potoroo	Recovery Plan	Adopted 2001 under review
		Review Action Statement	Currently under review
Pseudomys fumeus	Smoky Mouse	Action Statement	Approved 2003 <sup>2</sup>
Miniopterus schreibersii	Common Bent- wing Bat	Action Statement	No progress
Phascogale tapoatafa	Brush-tailed Phascogale	Action Statement	Approved 1997 under review
Birds			
Ninox strenua	Powerful Owl	Action Statement	Approved 1999
Tyto novaehollandiae	Masked Owl	Action Statement	Approved 2001
Tyto tenebricosa	Sooty Owl	Action Statement	Approved 2001
Calyptorhynchus lathami	Glossy Black- Cockatoo	Action Statement	No progress
Dasyornis	Eastern Bristlebird	Recovery Plan	In preparation
brachypterus		Action Statement	Approved 1999
Lathamus discolor	Swift Parrot	Recovery Plan	Adopted 2002 under review
		Action Statement	Approved 2002
Pezoporus wallicus	Ground Parrot	Recovery Plan <sup>1</sup>	Not applicable
•		Action Statement	No progress
Reptiles	•		
Morelia spilota	Diamond Python	Action Statement	Approved 2000
Cyclodomorphus michaeli	Eastern She-oak Skink	Action Statement	No progress
Eulamprus kosciuskoi	Alpine Water Skink	Action Statement	Approved 2001
Amphibians			,
Mixophyes balbus	Southern Barred Frog	Action Statement	No progress <sup>3</sup>
Fish		ı	
Pototroctes maraena	Australian Grayling	Action Statement	In preparation <sup>4</sup>
Gobiomorphus australis	Cox's Gudgeon	Action Statement	No progress
Hypseleotris compressa	Empire Gudgeon	Action Statement	Approved 2005
Crustaceans	I	l	1
Euastacus diversus	Orbost Spiny Crayfish	Action Statement	Approved 2001

Subspecies found in East Gippsland is not listed under the EPBC Act, unlike Western Ground Parrot Pezoporus wallicus flaviventris

<sup>&</sup>lt;sup>2</sup> In addition a Recovery Plan was approved in 2003.

<sup>&</sup>lt;sup>3</sup> In addition a Recovery Plan was in preparation during the review period.

<sup>&</sup>lt;sup>4</sup> In addition a Recovery Plan was approved in 2008.

### **Central Highlands**

Of the 14 Action Statements prioritised for preparation, 12 have been approved since the signing of the Central Highlands RFA (Table 27). Two of these Action Statements are now under review. The Baw Baw Frog Action Statement was also revised in 2004. A further three Action Statements are in preparation.

Recovery Plans have been adopted for five prioritised species of the Central Highlands RFA region, and three are now under review. In addition, six Recovery Plans are currently in preparation.

Table 27: Progress with preparation of Action Statements/Recovery Plans for priority species identified in the Central Highlands RFA (as at 30 June 2009).

Scientific name	Common Name	Action	Progress
Eucalyptus crenulata	Buxton Gum	Recovery Plan	Adopted 2006
Astelia australiana	Tall Astelia	Recovery Plan	In preparation
Nematolepis wilsonii	Shiny Nematolepis	Action Statement	Approved 2009
Thismia rodwayi	Fairy Lanterns	Action Statement	No progress
Caladenia concolor	Crimson Spider-	Action Statement	Approved 2002
	orchid	Recovery Plan	Adopted 2004
			under review
Caladenia rosella	Little Pink Spider-	Action Statement	Approved 2000
	orchid		under review
Lepidium hyssopifolium	Small Pepper-cress	Action Statement	In preparation
		Recovery Plan	In preparation
Amphibromus	Plump Swamp	Action Statement	Approved 2000
pithogastrus	Wallaby-grass		
Bracteantha sp. aff.	Swamp Everlasting	Action Statement	Approved 2009
subundulata			
Carex tasmanica	Curly Sedge	Action Statement	Approved 1999
			under review
		Recovery Plan	In preparation
Cyathea cunninghamii	Slender Tree-fern	Action Statement	In preparation
Grevillea barklyana ssp.	Gully Grevillea	Action Statement	Approved 2004
barklyana			
Eucalyptus strzeleckii	Strzelecki Gum	Recovery Plan	Adopted 2007
Senecio macrocarpus	Large-headed	Recovery Plan	In preparation
	Fireweed		
Senecio laticostatus	Ridged Groundsel	Recovery Plan	In preparation
Reiekoperla darlingtoni	Mt Donna Buang Wingless Stonefly	Action Statement	Approved 2001
Austrogammarus	Amphipod	Action Statement	Approved 2000
haasei			
Engaeus phyllocerus	Narracan Burrowing	Action Statement	Approved 2001
	Crayfish		
Engaeus sternalis	Warragul Burrowing	Action Statement	Approved 1999
	Crayfish		
Litoria spenceri	Spotted Tree Frog	Recovery Plan	Adopted 2001
			under review
Philoria frosti	Baw Baw Frog	Revise Action Statement	Approved 2004
		Recovery Plan	Adopted 2001
			under review
Prototroctes maraena	Australian Grayling	Recovery Plan	Adopted 2008
Galaxiella pusilla	Dwarf Galaxias	Recovery Plan	In preparation

#### **North East**

Of the Action Statements prioritised for preparation, three have been approved (Barking Owl, Squirrel Glider and Purple Eyebright) (Table 28). Nine prioritised Recovery Plans have been adopted, the multi-species Recovery Plan including the Maroon Leek-orchid is under review, and a further four Recovery Plans are in preparation.

Table 28: Progress with preparation of Action Statements/Recovery Plans for priority species identified in the North East RFA (as at 30 June 2009).

Species Name	Common Name	Action	Progress
Flora			•
Acacia deanei ssp. deanei	Deane's Wattle	Action Statement	No progress
Acacia phasmoides	Phantom Wattle	Recovery Plan	In preparation
Babingtonia crenulata	Fern-leaf Baeckea	Recovery Plan	Adopted 2007
Carex cephalotes	Wire-head Sedge	Action Statement	No progress
Eucalyptus alligatrix ssp. limaensis	Lima Stringybark	Recovery Plan	Adopted 2007
Eucalyptus cadens	Warby Swamp Gum	Recovery Plan	Adopted 2007
Euchiton nitidulus	Shining Cudweed	Recovery Plan	Adopted 2002
Euphrasia collina ssp.	Purple Eyebright	Action Statement	Approved 2009
muelleri		Recovery Plan	Adopted 2007
Euphrasia eichleri	Bogong Eyebright	Recovery Plan	Adopted 2007
Glycine latrobeana	Clover Glycine	Recovery Plan	In preparation
Goodenia macbarronii	Narrow Goodenia	Recovery Plan	Nominated for delisting
Kelleria laxa	Kelleria	Recovery Plan	Adopted 2007
Pomaderris subplicata	Concave Pomaderris	Recovery Plan	Adopted 2007
Prasophyllum frenchii	Maroon Leek-orchid	Recovery Plan	Adopted 2004 under review
Pterostylis cucullata	Leafy Greenhood	Recovery Plan	In preparation
Thelypteris confluens	Swamp Fern	Action Statement	No progress
Fauna			
Petaurus norfolcensis	Squirrel Glider	Action Statement	Approved 2002
Rhinolophus	Eastern Horseshoe-	Action Statement	No progress
megaphyllus	bat		
Ninox connivens	Barking Owl	Action Statement	Approved 2001
Galaxias fuscus	Barred Galaxias	Recovery Plan	In preparation
Macquaria australasica	Macquarie Perch	Action Statement	In preparation <sup>1</sup>
Archeophylax canarus	Caddisfly	Action Statement	No progress
Thaumatoperla alpina	Stonefly	Action Statement	No progress

<sup>&</sup>lt;sup>1</sup> In addition a Recovery Plan was in preparation during the review period.

### **West Victoria**

Of the 11 Action Statements prioritised for preparation, all have been prepared and approved, except for Mt. William Grevillea which was rejected for listing (Table 29). Action Statements are now under review for four of these species. The Spot-tailed Quoll Action Statement has also been revised.

Recovery Plans have been adopted for eight priority species and two Recovery Plans are in preparation. All of the adopted Recovery Plans are now under review.

Table 29: Progress with preparation of Action Statements/Recovery Plans for priority species identified in the West Victoria RFA (as at 30 June 2009).

Scientific Name	Common Name	Action	Progress
Flora			
Caladenia fulva	Tawny Spider-orchid	Action Statement	Approved 2002
		Recovery Plan	Adopted 2004 under
			review
Caladenia hastata	Mellblom's Spider-	Action Statement	Adopted 2000 under
	orchid		review
		Recovery Plan	Adopted 2001 under
			review
Caladenia tensa	Rigid Spider-orchid	Recovery Plan	Adopted 2001 under
			review
Caladenia	Yellow-lip Spider-	Action Statement	Adopted 2000 under
xanthochila	orchid		review
		Recovery Plan	Adopted 2001 under
			review
Caladenia formosa	Elegant Spider-orchid	Action Statement	Adopted 2000 under
			review
		Recovery Plan	Adopted 2001 under
			review
Grevillea	Mt. William Grevillea	Action Statement	Delisted 2005
williamsonii		Recovery Plan	
Olearia pannosa ssp.	Velvet Daisy-bush	Action Statement	Approved 2003
cardiophylla			
Prasophyllum	Gorae Leek-orchid	Action Statement	Approved 2003
diversiflorum		Recovery Plan	Approved 2001 under
			review
Prasophyllum	Pomonal Leek-orchid	Recovery Plan	Approved 2004 under
subbisectum			review
Thelymitra	Metallic Sun-orchid	Recovery Plan	Adopted 2004 under
epipactoides			review
Thelymitra	Merran's Sun-orchid	Action Statement	Approved 2003
merraniae			
Rutidosis	Button Wrinklewort	Recovery Plan	In preparation
leptorynchoides			
Fauna			
Dasyurus maculatus	Spot-tailed Quoll	Revise Action Statement	Approved 2003
Pseudomys	Heath Mouse	Action Statement	Approved 2003
shortridgei		Recovery Plan	In preparation
Grantiella picta	Painted Honeyeater	Action Statement	Approved 2003
Nannoperca obscura	Yarra Pygmy Perch	Action Statement	Approved 2001 under
			review <sup>1</sup>
Neochanna cleaveri	Australian Mudfish	Action Statement	Approved 2003
In addition a Recovery	/ Plan was in preparation	during the review period.	

In addition a Recovery Plan was in preparation during the review period.

#### **Gippsland**

Of the four species prioritised for the preparation of Action Statements in the Gippsland RFA, all have had Action Statements approved, except for the Prostrate Cone-bush (Table 30). The Action Statement is now under review for Spiny Pepper-cress.

A Recovery Plan has been adopted for the Eastern Spider-orchid and is currently under review, and two Recovery Plans are in preparation.

Table 30: Progress with preparation of Action Statements/Recovery Plans for priority species identified in the Gippsland RFA (as at 30 June 2009).

Scientific Name	Common Name	Action	Progress
Caladenia orientalis	Eastern Spider-orchid	Recovery Plan	Adopted 2004 under review
Isopogon prostratus	Prostrate Cone-bush	Action Statement	No progress
Lepidium aschersonii	Spiny Pepper-cress	Action Statement	Approved 2000 Reviewed plan in preparation
Prasophyllum correctum	Gaping Leek-orchid	Recovery Plan	In preparation
Rulingia prostrata	Dwarf Kerrawang	Action Statement	Approved 2003
		Recovery Plan	In preparation
Engaeus rostrogaleatus	Strzelecki Burrowing Crayfish	Action Statement	Approved 2003

# Potentially threatening processes under the FFG Act prioritised for preparation of Action Statements

Of the five potentially threatening processes in the Central Highlands RFA prioritised for preparation of Action Statements, two have had Action Statements approved (Table 31). A third Action Statement is also in preparation.

Table 31: Prioritised potentially threatening processes for preparation of an Action Statement.

Potentially threatening process	Progress
Loss of hollow-bearing trees from Victorian native forests.	Approved 2003
Increase in sediment input into Victorian rivers and streams due to	Approved 2003
human activities.	
Use of <i>Phytophthora</i> -infected gravel in construction of roads, bridges	In preparation
and reservoirs.	
Invasion of native vegetation by environmental weeds (including "Spread	-
of Pittosporum undulatum in areas outside its natural range").	
Collection of native orchids.	-

One potentially threatening process was prioritised in the North East RFA for preparation of an Action Statement *Degradation of native riparian vegetation along Victorian rivers and streams*. An Action Statement for this process was approved in 2003.

One potentially threatening process was prioritised in the Gippsland RFA, *Soil erosion and vegetation damage and disturbance in the alpine regions of Victoria caused by cattle grazing.* This potentially threatening process has been listed, and the Action Statement is being prepared.

# Priority for preparation of a Threat Abatement Plan under the *Endangered Species*Protection Act 1992 (Cwth)

In accordance with the Central Highlands RFA, the Threat Abatement Plan for the prioritised key threatening process *Phytophthora* spp. was approved in 2003, titled *Dieback caused by the root-rot fungus (Phytophthora cinnamomi)*.

### Other priorities identified in the RFAs

#### **Baw Baw Frog**

Priorities set out in the Central Highlands RFA to protect Baw Baw Frog populations have been implemented. Research and surveys were prioritised to further understand the breeding requirements of the species, allowing more effective protection of important habitat. Until the research results were available, the RFA provided for Victoria to adopt a precautionary strategy surrounding the Baw Baw Plateau, to protect and preserve habitat and minimise the effects of forestry. Victoria also revised the Action Statement.

The revised Action Statement was approved in 2004, and updated the intended management actions, including: measuring and analysing population and habitat trends; determining and reducing the impact of processes that threaten the Baw Baw Frog; and increasing knowledge on biology and ecology of the species. The 2004 Action Statement included an interim management guideline to prevent habitat loss which prohibited timber harvesting within 200m of known habitat.

Research and surveying priorities for the Baw Baw Frog have been addressed or are underway and have improved current knowledge of the species' distribution. As a result, critical habitat largely on the south face of the Baw Baw Plateau and around the South Cascade Creek will be protected in the CAR reserve system including the national park and State forest. The Baw Baw Frog Action Statement will be revised again in the latter part of 2009 to reflect these changes to habitat protection and management. The Baw Baw Frog has been listed as Endangered under the EPBC Act.

#### **Long-footed Potoroo**

In the North East RFA, the Parties agreed to give priority to implementing the Long-footed Potoroo national Recovery Plan. The Plan was adopted in 2001 and is currently being revised. The Action Statement, published in 1994, is also under review.

The habitat protection measures identified within the North East RFA have been implemented. Through implementation of the Action Statement and the availability of new information, Victoria has identified a new approach to Long-footed Potoroo protection. The revised Action Statement provides for a Core Protected Area of habitat, including habitat within conservation reserves, supplemented by harvesting prescriptions around records in State forest outside the Core Protected Area. This approach offers greater certainty for industry and more strategic long term protection for the Long-footed Potoroo. The Long-footed Potoroo has been listed as Endangered under the EPBC Act.

#### **Spot-tailed Quoll**

The Spot-tailed Quoll is listed as threatened under the FFG Act and endangered under the EPBC Act. Commitments to protect the species within the West Victoria and Gippsland RFAs have been implemented.

The Spot-tailed Quoll Action Statement, originally approved in 1992, has been reviewed since the signing of the West Victoria and Gippsland RFAs, with the revised publication approved in 2003. As at 30 June 2009, the Recovery Plan for the Spot-tailed Quoll is in the final drafting stages, being jointly prepared by a number of states.

#### **Grassy woodland EVCs**

Plains Grassy Woodland and a range of similar EVCs, characterised by River Red Gum (*Eucalyptus camaldulensis*) and Yellow Gum (*E. leucoxylon* var. *leucoxylon*) were prioritised in the West Victoria RFA. A substantial proportion of these endangered EVCs have been protected in the CAR reserve system but, consistent with the flexibility provisions of the JANIS criteria, other areas have been retained for low intensity utilisation of timber and other forest products.

The management objective for these EVCs both within and outside the CAR reserve system is to maintain the biodiversity and structure of the grassy woodland communities.

The West Victoria RFA sought the review of grazing licences in areas of rare or endangered EVCs on a case-by-case basis, in conjunction with the licensee, to determine grazing regimes which conform with the management objectives of the EVC. Grazing licences have continued to be reviewed, resulting in a phase out and voluntary relinquishment of grazing licences within this area.

In addition, timber harvesting in these EVCs continues to use low-intensity selection systems as required by the RFA. It has not been possible to review the methods used to obtain regeneration due to the lack of seed forming on River Red Gum trees.

The Natural Temperate Grassland of the Victorian Volcanic Plain and the Grassy Eucalypt Woodland of the Victorian Volcanic Plain were listed as Critically Endangered under the EPBC Act in 2008-2009 and have recovery plans in preparation.

# APPENDIX 4 – LISTING, PROTECTION & MANAGEMENT OF NATIONAL ESTATE VALUES

#### **Protection and management of National Estate values**

Both Parties endorse the findings of the Australian Heritage Commission/Department
of Natural Resources and Environment (AHC/NRE) study of National Estate in the RFA
regions (the Joint Study) and agree that national estate values exist as documented in
publicly available plots of GIS coverages and published documents as listed in the RFA.

No update necessary.

Both Parties recognise that the extensive and systematic information and regional framework provided by the Joint Study and this Agreement provide a unique regional context for national estate values in the RFA Region.

No update necessary.

 Both Parties agree that many of the national estate values are well reserved in the CAR reserve system and that the relevant forest management plan (and other mechanisms) provide for the conservation of many other national estate values within the RFA region.

No update necessary.

4. Both Parties agree that all national estate values in the RFA Region will be conserved through the application of the principles for managing national estate values as detailed in the relevant forest management plan.

This commitment has been overtaken by events, including the introduction of the National Heritage List and the agreement between the Parties to transfer places to appropriate heritage registers. From February 2012 all references to the RNE will be removed from the EPBC Act and the AHC Act. The RNE will be maintained after this time on a non-statutory basis as a publicly available archive.

 Both Parties endorse the joint preparation of a set of Statewide Guidelines for the Management of Cultural Heritage Values in the Forests, Parks and Reserves of Victoria. When completed Victoria agrees to manage in accordance with these guidelines.

NRE published Guidelines for the Management of Cultural Heritage Values: in the Forests, Parks and Reserves of East Gippsland in 1997 in accordance with the East Gippsland RFA. Subsequent Victorian RFAs called for the joint preparation of a set of statewide guidelines for the management of cultural heritage values in the forests, parks and reserves of Victoria, based on those prepared for East Gippsland. Forest management plans relevant to the Victorian RFA regions also contain conservation measures for natural values identified as being sensitive to disturbance, and forest management zoning, conservation and management guidelines and actions for the conservation of other natural and cultural national estate values. Victoria has reviewed the *Aboriginal Heritage Act 2006* (Vic) and will consider whether there is a need for the development of Statewide guidelines for the management of cultural heritage values.

6. Both Parties agree to maintain the databases of the values identified in the Joint Study and cooperate in relation to access to the data.

As previously discussed, this commitment has been overtaken by events. However, all databases of values will be maintained in a reasonably accessible format.

#### **Listings in the Register of the National Estate**

#### **Existing Listings**

7. Parties note that the Australian Heritage Commission (the Commission) has agreed to update the Statements of Significance and condition and description statements for all existing listings to incorporate the results of the Commission/Department of Natural Resources and Environment study of the National Estate (Joint Study).

Parties note that existing national estate places will remain in the Register of the National Estate where the results of the Joint Study confirm the presence of national estate values.

In 2003, the Australian Government repealed the *Australian Heritage Commission Act* 1975 (Cwth) and amended the *Environment Protection and Biodiversity Conservation Act* 1999 (Cwth) (EPBC Act) to provide for a National Heritage List to replace the RNE.

Following amendments in 2006 to the EPBC Act and the *Australian Heritage Council Act 2003* (Cwth), the RNE was frozen on 19 February 2007, which means that no new places can be added, or any existing places, or values of places, removed. The Register will continue as a statutory register until February 2012. A transition period of five years was provided to allow State and Territories to consider whether places on the Register should be protected under other statutory provisions or their own heritage registers. The Australian Government Minister is required to consider information in the RNE in the course of his decision making under the EPBC Act during this period.

From February 2012, all references to the Register are to be removed from the EPBC Act and AHC Act; however the RNE will be maintained on a non-statutory basis as a publicly available archive. The Australian Government has invited the State to consider whether any places listed on the Register should be accorded any ongoing status under State legislation. While Victoria does not have any equivalent register for natural values, the State does have the Victorian Heritage Register.

#### **Listings Arising from the Joint Study**

8. The Parties note that new listings recommended to the Commission will include national estate values protected by reservation, by reserve management prescription, by site exclusion, by consultation processes or other measures appropriate to the value, or which are robust and not affected by harvesting or other off-reserve management regimes or activity.

No update necessary.

9. Parties note that the Commission will work in cooperation with Victoria in delineating places for National Estate listing. The identification of these areas will be based on the following principles:

- New listings in Dedicated and Informal Reserves, the boundaries of which are unlikely to change, should be distinct places and may be based on any national estate values.
- Listing of other National Estate places outside the CAR reserve system will be based on robust values and those values that are protected by forest management prescription. Areas of contiguous values will be listed as a single National Estate place.
- Boundaries for listing National Estate places outside the CAR reserve system will be based on identified values and will follow natural topographic features and/or roads as appropriate. In areas where a national estate value overlaps an Informal Reserve, but also continues outside that reserve, the full coverage of the value will be listed and it will be recognised that a portion of this value is protected.
- For places arising from the Joint Study, only places identified by the above principles will be listed in the Register of the National Estate.

As previously discussed, this commitment has been overtaken by events.

10. Both Parties note that the identification and assessment of national estate values for the CRA has been completed with the only exception being Indigenous heritage. Parties note that the Commission will continue to consult with Victoria and Indigenous communities in an effort to finalise this work.

No update necessary.

### **Future Listings**

11. Parties note that future nominations will be referred to them by the Commission. The Parties agree to work cooperatively and in a timely fashion in considering whether such nominations will be recommended to the Commission for listing. The Parties are to compare the nominations with the existing agreed national estate database, and to consider any new research or information provided. Parties will also jointly agree on any future recommendations to the Commission for listing. The Parties note that the Commission will work cooperatively with Victoria on the detail of any consequent listings that may arise.

As previously discussed, this commitment has been overtaken by events.

12. The Parties note that the Commission has agreed not to undertake any further regional studies of forests in Victorian RFA regions.

No update necessary.

13. Parties note that the Commission confirms that, based on the National Estate Assessment, there is no evidence to identify additional large areas with national estate values in the forested areas of the RFA regions and that it therefore does not anticipate listing additional large places in the regions.

No update necessary.

#### **Statutory Advice**

14. The Parties agree that the advice of the Australian Heritage Commission has already been provided in relation to the protection of national estate values and the impact of forestry activities within the RFA regions in developing this Agreement. The Commission is also satisfied regarding the range of mechanisms and levels of protection afforded to national estate values.

No update necessary.

15. The Parties note that the advice of the Commission will be sought in relation to proposed actions by the Commonwealth which are outside the scope of this Agreement, and which might adversely affect national estate values in RFA regions including proposed actions that may affect national estate values in areas outside the CAR reserve system and which have not been listed in the Register of the National Estate. The Parties note that the Commission has agreed to take into account the undertakings in this Agreement in providing its advice and will provide such advice in a regional context.

No update necessary.

16. The Parties note that the Commission may delegate the Section 30 function for the RFA area/s to an appropriate official in a Victorian Agency. This delegation would be limited to the RFA area/s, and those operations which affect those aspects of the forest estate documented in the CRA.

No update necessary.

#### APPENDIX 5 - PUBLIC REPORTING AND CONSULTATIVE PROCESSES

During the implementation of the RFAs, public reporting activities and on-going opportunities for public participation and consultation associated with the Parties existing processes and instruments identified within the RFAs has continued. Examples of these process and instruments with public reporting and community engagement opportunities during the review period follow.

#### 1. Land Conservation Council and Environment Conservation Council studies

The ECC Box-Ironbark Forests and Woodlands Investigation and VEAC Angahook-Otway Investigation each included public participation and consultation.

## 2. <u>Preparation and amendment of forest management plans, National and State Park management plans, and regional fire protection plans</u>

Preparation and amendment of management plans in each RFA region including park management plans, the forest management plans referred to in Section 5.10 of this report, and fire protection plans provided opportunities for public participation and consultation.

Public participation and consultation programs continue to be provided in the implementation of forest management plans.

#### 3. Activities associated with implementation of the FFG Act

Nominations and listing of items in the FFG Act are advertised and draft Action Statements available for public comment on the DSE website (www.depi.vic.qov.au).

#### 4. Preparation and review of Codes of Practice

The review of the *Code of Practice for Fire Management on Public Land* in 2006 and the review of the *Code of Practice for Timber Production 2007* provided opportunities for public participation and consultation.

# 5. <u>Publication of audits of compliance with the Code of Forest Practices for Timber Production</u>

In 2002, the then Victorian Government released the *Our Forests, Our Future* policy with a commitment to make the application of the *Code of Forest Practice for Timber Production* (now the *Code of Practice for Timber Production 2007*) more transparent. To deliver on this commitment, the then Minister for the Environment asked EPA Victoria to engage an independent environmental auditor to assess compliance on public land with the Code. DSE ensured that timber harvesting operations in the latter part of Period 1, and throughout Period 2, were regularly audited for compliance with the regulatory framework. The annual audits of compliance with the Code are available on the EPA website (*www.epa.vic.gov.au*). A consultative process in place during the review period ensured the community, conservation groups, industry and other interested organisations at the State, regional and local level were engaged in the audit program.

### 6. Preparation of Wood Utilisation Plans and Fuel Reduction Burning Plans

The preparation of Wood Utilisation Plans and Fire Operations Plans in Victoria continues to include opportunities for public comment.

# 7. Technical, research and other reports on such topics as sustainable yield reviews, regeneration performance, old-growth surveys and updates of the schedules of the FFG Act

Victoria continued to publish technical, research and other reports relating to Victoria's forests during the review period. These reports include: sustainable yield reviews; old-growth forest studies; reports on regeneration success following timber harvesting operations; Victoria's State of the Forests reporting; Monitoring of Annual Harvesting Performance reports; and new and revised Action Statements prepared under the FFG Act. Many of these reports are available on the DSE website (www.depi.vic.gov.au).

As outlined in this report, the *Our Forests, Our Future* policy statement was released in February 2002. With this policy statement, Victoria published reports which included estimates of sawlog resources for each FMA, and the independent Expert Data Reference Group's report on the quality of data and processes used to derive the estimates of sawlog availability.

Public consultation and reporting opportunities were also associated with a range of other projects, including the *Criteria and Indicators for Sustainable Forest Management in Victoria*, the Statewide Forest Resource Inventory and the Wood and Water Project, an investigation of the impact of timber harvesting on water yield within Melbourne's catchments.

# 8. <u>Nomination, preparation and possible contraventions of recovery plans and threat abatement plans prepared under the EPBC Act and former Endangered Species Protection Act 1992</u> (Cwth)

Under Section 275 of the EPBC Act the Australian Government Minister for the Environment must consult on recovery plans and threat abatement plans. Plans are developed in consultation with, for example, state agencies, local councils, individuals or groups that may be affected by a proposed plan and people with expertise in the species. Once a Draft Plan has been prepared, it is released for public comment for a minimum period of three months (the former ESP Act also required a minimum of three months public consultation). At the end of this period the plans are revised to take into consideration any public comments received. The Minister will consider the revised plans as well as the comments received when deciding on adoption of the plans. The Minister must also publicise the adoption of a plan and where it can be obtained.

Further information about recovery plans and threat abatement plans can be found on the Australian Government Department of the Environment website (www.environment.gov.au).

### 9. <u>Listing of places in the Register of the National Estate under the former Australian</u> Heritage Commission Act 1975 (Cwth)

Interim listings on the RNE were subject to a public consultation process prior to formal inclusion on the list. The RNE has now been replaced by the National and Commonwealth Heritage Lists; however, the RNE will remain as a publicly available archive.

Valid nominations for the National Heritage List and the Commonwealth Heritage List, which are accepted from members of the public, are provided to the Australian Heritage Council. The Council is the principal adviser to the Australian Government on heritage matters. The Council assesses nominations for the heritage lists, and maintains the RNE.

Once a year, the Council prepares a priority assessment list for consideration by the Minister. This list, when approved by the Minister, sets the work program for the Council for

the next 12 months. The list is published on the internet, and the Council must invite public comment on whether the places under assessment contain the heritage values for which they were nominated. The Council must also consult owners and occupiers of any place that it finds, during assessment, to have heritage value.

The Council then gives the Minister an assessment report on each place on the priority assessment list, together with copies of all comments it has received from its statutory consultations. The Minister must consider the assessment report and comments and decide whether or not to add each place to the heritage lists.

All heritage places on the RNE, National Heritage List and Commonwealth Heritage List can be found by searching the Australian Heritage Database (http://www.environment.gov.au/cgi-bin/ahdb/search.pl).

#### **APPENDIX 6 - RESEARCH**

The RFA identified the following state wide research priorities noting that the subject areas and priorities may change throughout the duration of the RFAs:

- 1. Forest research in Victoria is aimed at ensuring the management policies and practices for Victoria's native forests are scientifically based, efficient and sustainable for all forest values.
- 2. The major priority of future research in Victoria will be the development of appropriate mechanisms to monitor and continually improve the sustainability of forest management practices. Accordingly, statewide research will continue on the following major themes:
  - silviculture
  - flora and fauna conservation
  - soil and water conservation
  - fire ecology
  - wood quality in regrowth forests.
- 3. Parties also recognise the importance of continuing research to address:
  - control of feral pests
  - environmental weed control in priority areas
  - population monitoring of high priority threatened flora and fauna species
  - the effectiveness of Ecological Vegetation Classes as surrogates of biodiversity
  - the effects of differing buffer and filter strip widths on water quality and stream biota
  - the development of ecologically based fire management regimes
  - the effect of regrowth forests on water yields and their impacts on stream biota
  - the effect of introduced fish species on aquatic fauna
  - growth responses and ecological impacts of intensive silviculture in regrowth forests
  - stem defect and wood quality in regrowth forest
  - technologies and processes associated with the development of high value wood products.
- 4. Research on the above themes will vary from region to region.

Throughout the review period research continued on each of these themes and priorities listed in the RFAs. The importance of ecologically sustainable forest management and the development of appropriate mechanisms to monitor and continually improve management practices remained central to the research carried out in Victoria. In addition to the themes listed in the RFAs, and in accordance with changed subject areas and priorities, research

during the review period demonstrated a developing focus on emerging issues related to climate change and carbon sequestration.

Three case studies of major research projects carried out in Victoria during the review period are discussed below, as examples of the extensive and varied research work that has been undertaken to support sustainable forest management in Victoria. Major research work has also been carried out in the following areas:

- Population monitoring of high priority threatened flora and fauna species including Powerful Owl, Spot-tailed Quoll, Long-footed Potoroo, Black-footed Rock Wallaby, Baw Baw Frog and Mountain Pygmy-possum.
- Wood quality in regrowth forests.
- Variable retention harvesting.
- Fire ecology, fire effects and post fire recovery.
- Control of feral predators.
- Environmental weed control.
- Water yield and quality responses to timber harvesting, fire and climate.

## Case study one: Long term monitoring and research program in the Central Highlands ash forests.

Since 1983 the Victorian Government has supported a long term monitoring and allied research program in the ash-type eucalypt forests of the Central Highlands RFA region. To date, over 50 major projects have been completed. The primary focus of the program is the long term monitoring of arboreal marsupials, such as Leadbeater's Possum (*Gymnobelideus leadbeateri*) and the Mountain Brushtail Possum (*Trichosurus cunninghami*).

The monitoring program currently comprises:

- Long term ecological monitoring of landscape cover and composition (logged/unlogged mosaic) effects on arboreal marsupials, forest owls and diurnal birds.
- Monitoring falls of large hollow trees.
- Nest-box use and occupancy patterns of hollow-dependent fauna.
- Fauna surveys (mammals, birds and reptiles) of dry and mixed-species forest patches in the Upper Yarra catchment (32 sites in the Yarra Ranges National Park).
- A variable retention harvest system experiment.
- Small-mammal population dynamics relationships between forest floor architecture (logs, ground cover, etc.) and populations of three species of small mammals.
- Long term population dynamics of the Mountain Brushtail Possum.

A significant silvicultural-related component of this work is the set up of a major variable retention harvesting system experiment in the Mountain Ash forests of the Central Highlands in 2003. This experiment is ongoing and involves intensive data gathering for vertebrates and recording the structure composition and condition of the vegetation in the survey plots. This research forms part of the Value-adding and Silvicultural Systems Project, which was established to test the hypothesis that a better balance between economic and environmental concerns can be achieved with silvicultural systems other than clearfelling.

#### Case study two: Wombat fire effects study.

In 1984, a multidisciplinary study was established in the Wombat State Forest with the support of the Victorian government, to investigate the effects of repeated low-intensity prescribed burning in mixed eucalypt foothill forest. The study—the Wombat Fire Effects Study—is quantitative and statistically based and includes various aspects of fauna, flora, soils, tree growth, fuel management and fire behaviour.

On the same permanent plots, various methodologies were used to investigate the ecological impacts of fire on understorey flora, invertebrates, birds, bats, reptiles, terrestrial mammals, soil chemistry and the growth, bark thickness and defect development in trees. Local climate and weather, fuel dynamics and fire behaviour were also studied, along with their interactions. Numerous published papers and reports have been produced as a result of this work, including a series of research reports published by DSE in 2003.

## Case study three: Monitoring the response of medium sized mammals to effective fox control.

In June 1998, Project Deliverance, a large-scale field-based research project investigating the response of medium sized mammals, such as potoroos, bandicoots and possums, to effective fox control, was carried out in East Gippsland. This project concluded in 2003 and led to the establishment of the Southern Ark Project, a major conservation initiative that aims to help the recovery of a suite of native mammals, birds and reptiles by significantly reducing the fox population in far East Gippsland.

The Victorian Government, in partnership with the Invasive Animals CRC, has supported further research projects adding to the knowledge gathered from Project Deliverance and Southern Ark. The Glenelg Ark project, in the West Victoria RFA region, complements the Southern Ark project and builds on many years of research that has shown the positive impacts that fox control has on native mammal populations.