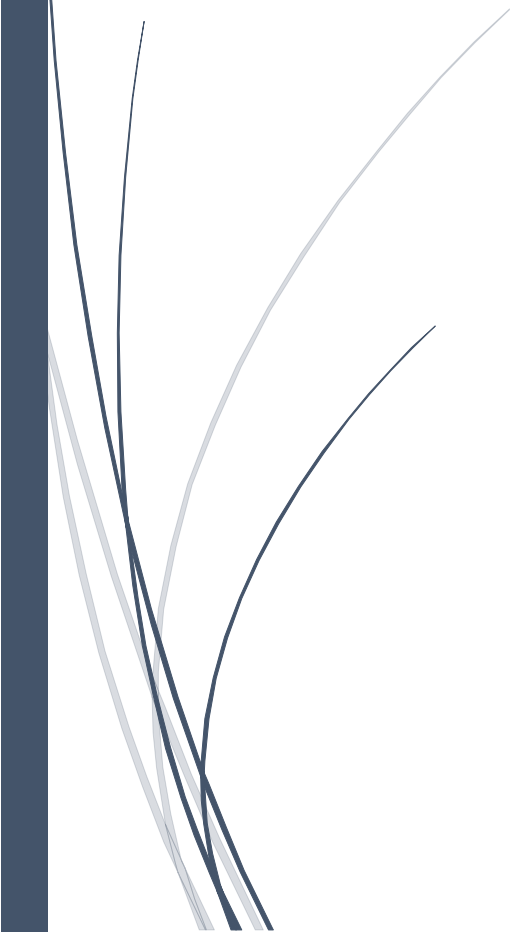


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Mundango

Tree Planting Seeding &
Remnant Vegetation
1983-2020

A decorative graphic in the bottom left corner consisting of several thin, curved lines in shades of blue and grey, resembling grass or reeds.

Preface

A major program of ours at Mundango since 1989 has been an effort to plant trees on Mundango (and later Packwood) There had been limited tree planting on Mundango before then: the two *pinus radiata* tree lines planted by Cyril Lord in the 1960s, and a tree lot we planted in 1983. The drought years 1980 & 1982 exposed the lack of tree vegetation cover; when we took over in 1989 we made it a priority to try and redress the situation.

We were fortunate that our interest in tree planting coincided with the emergence of Landcare and Greening Australia. We took a leadership role in Braidwood Rural Land Care and promoted the idea of planting trees initially on the rocky outcrops over the Braidwood granites (trees on rocky knobs).

When we started regular tree planting in 1989, it was at a time with the CSIRO were stressing the importance of planting trees in the recharge areas. It was their belief that trees on slopes could capture excess water run-off and trap sediments before they reached streams. The hope was that our plantings on such locations as Mearnsii Hill and the rocky outcrops in Hillview would help capture the flow of water during heavier rainfall episodes. In the first years, we probably gave more emphasis to *E.macarthurii* and *A.rubida*. Later we planted other species as we learnt more about which ones suited particular areas.

Species that have failed include *E.cinerea*, *E.kartzoffiana*, *E.gunnii*, *E.bridgesiana*, *A.melanoxydon*, *A.iteaphylea*, and *A.verniciflua*. The *E.viminalis* suffered in the early days when exposed to Christmas Beetles. *Casuarinas* failed except in protected locations.

The majority of our plantings have been in spring in the belief that this provides a better opportunity for success than autumn plantings. We have benefitted greatly from the advice of a number of tree planters, including John Weatherstone. One of his gems was that it was difficult to gain success in planting trees on old sheep camps because the ground was too fertile.

Rebecca Hall gave us advice in April 2006 that we should increase the ratio of acacias in our plantings because they were able to fix nitrogen in their nodules and had a mycorrhiza impact on the soil. Coopers Camp was the first planting where we were able to implement this advice provided in April 2006.

It is also our belief that our tree plantings have provided more protection for the livestock both from wind and providing shade in the summer. There is also evidence that tree plantings assist adjoining pastures in terms of reduced wind impact.

As a result of more than 50 plantings and eight remnant fenced off areas, we have witnessed a significant transformation of the property. The majority of our plantings have been natives. But we do have one commercial *Pinus Radiata* plantation.

The drought in 2019 resulted in losses of a number of mature trees and our latest planting at Scott's Wish in October 2019 suffered severe losses.

This reflected a combination of little rain, some huge winds and wingless grasshoppers.

The dangerous bush fire which hit Mundango in early December 2019 damaged a large part of our remnant vegetation in The Run. Fortunately only one of our tree lots was damaged, Randall in Cocksfoot paddock.

Geoffrey White
2020

SOURCES OF TREES

1983-2020

Although Currajuggle Nursery in the Braidwood District was our main source of trees in recent years, other sources were important in the earlier years. The main sources were:

- NSW Forests
- ACT Forests (Pinus Radiata)
- Warriapendi farm trees, Colo Vale, Mittagong
- Jayfields Nursery, Wagga Wagga (seedlings)
- Lyndfield Park Nursery, Gunning Tubestock (John Weatherstone)
- Jocelyn Sussman, Braidwood District, Tubestock
- Greening Australia, ACT and region (Tubestock and direct seeding by Brian Cumberland)
- Yarralumla Nursery, Weston Park, ACT
- Danganelly Native Plant Nursery, Towrang (Andrew Studdert)
- Queanbeyan Nursery
- Currajuggle Creek Nursery
- Nirvalley Nursery, Tarago (Peter Campbell) Exotics
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LIST OF TREE PLANTINGS AND SEEDINGS

1983-2017

	Date	Location
1.	20 July 1983	Airstrip Knob, Hillview
2.	3 August 1989	Rosses Cultivation 1
3.	October 1990	Rosses Cultivation 2
4.	October 1991	Lords Lane, Paddy's Farm
5.	October 1991	Vincent's Ridge, Windmill Paddock
6.	7 October 1992	Cumberland Lane, Top Flat, Top Flat 2, tree seeding
7.	8 October 1994-November 1995	Tubestock planting in gaps or Cumberland Lane, Top Flat 2
8.	(Seeding 1992) 10 October 1996	The Angle, Top Flat 2
9.	October 1993	Landcare Knob, Hillview
10.	23 November 1993	Shed Knob, opposite machinery shed
11.	9-9 1995 and October 1995	Berry's Belt, Cocksfoot South
12.	October 1995	Rocky Knob adjoining climate change 2
13.	20 October 1995	Top Flat Knob, Top Flat 1
14.	10 July 1996	Tank Knob, back of cottage
15.	17/18 July 1996	Pinus Radiata Plantation, Sandy Paddock
16.	7 September 1996	Three Tree Hill, Hillview
17.	9 September 1996	Coble's Elbow, adjoining Tank Knob
18.	19 September 1996	Sandy Lane, Sandy Paddock
19.	3 October 1996	Windmill, Windmill Paddock (old dump)
20.	October 1996	Rocky Knob, near Cyril's Dam and laneway
21.	October 1996	Small tree lot in front paddock, Balamba
22.	October 1996	Rocky Knob, start of laneway
23.	24 September 1997	Kirk Knob, Top Flat 2
24.	12 August 1997 and 29 September 1997	Top Flat line, Top Flat 2
25.	15 October 1998	Fuji Xerox line (western section, Kings Highway, Hillview)
26.	15 October 1998	Fuji Xerox line eastern extension, direct seeding followed by tubestock planting
27.	1 August 1998 and 25 October 1999	Williams Lane, Rosses Cultivation 2
28.	23 October 1999	M3, Hillview
29.	October 1999	Balamba Rocky Knob, east of main gate
30.	29 September 2000	Angus, Cyril's Paddock
31.	6 October 2000	Dotcom, Hillview
32.	28 October 2000	Admiral's Alley, Five Mile Flat
33.	28 October 2000	Climate change 1, Five Mile Flat
34.	13 October 2001	Climate change 2, Five Mile Flat
35.	13 July 2001	Middle Flat, old dump
36.	5 October 2002	Charlotte Hill, Packwood Sandy
37.	2/4 April 2002	Mearnsii Hill, Top Flat 2
38.	8 April 2002	Darcy, Top Flat 2
39.	April 2002	Pauciflora Hill, Sandy Paddock

40.	12 October 2003	The Necklace, Cyril's Paddock
41.	12 October 2004	Drought Hill, Five Mile Top
42.	7 October 2004	Moja's Run, Five Mile Flat
43.	30 September 2006 and October 2007	Cooper's Camp, Cyril's Paddock
44.	30 September 2006 and 23 July 2007	Saffron Ridge, Top Flat 1
45.	16 November 2007	Back of Balamba House
46.	5 April 2008	Randall's Patch, Cocksfoot
47.	27 September 2008	Wombat Hill, Cocksfoot
48.	7 October 2008	Direct seeding, Packwood
49.	May 2009	Alexander, Packwood
50.	October 2009	Tim's Patch
51.	April 2010	Skye, Packwood Sandy
52.	September 2010	Scarlett, Packwood
53.	23 September 2010	WOPR project, New paddock cultivation
54.	September 2011	Scarlett's Tongue, Packwood
55.	October 2011	Watters, Packwood
56.	April 2012	Balamba plot, Balamba
57.	October 2012	Boxthorn, Packwood Sandy
58.	April 2014	Walden, Packwood
59.	18 April 2015	Gallipoli, Hillview
60.	23 April 2016	Exotic trees, Balamba home paddock
61.	20 May 2017	Scott's Line in Shearing Shed Paddock
62.	14 April 2019 – August 2019	Sally's Alley, Balamba
63.	7 October 2019	Scott'Wish

GLOSSARY

ACACIAS

- A.baileyana (Cootamundra Wattle)
- A.boormanii (Snowy River Wattle)
- A.buxifolia (Box Leaf Wattle)
- A.covenyi (Blue Bush)
- A.dealbata (Silver Wattle)
- A.decurrens (Green Wattle)
- A.elongata (Slender Wattle)
- A.falciformis (Hickory Wattle)
- A.floribunda (White Sallow Wattle)
- A.gunnii (ploughshare wattle or Dog's Tooth wattle)
- A.iteaphylla (Winter Wattle, Gawler Range)
- A.implexa (Light Wood)
- A.mearnsii (Black Wattle)
- A.melanoxylon (Blackwood)
- A.parramattensis (Sydney Green Wattle)
- A.pravissima (Ovens Wattle)
- A.retinoides (Wirilda)
- A.rubida (Red Stemmed Wattle)
- A.trachyphloia (Golden Feather Wattle)
- A.verniciflua (Varnish Wattle)

EUCALYPTS

- E.acaciiformis (Wattle Leaved Peppermint)
- E.aggregata (Black Gum)
- E.blakelyi (Blakley's Red Gum)
- E.blaxandii (Blaxland's Stringy Bark)
- E.bridgesiana (Apple Box)
- E.camaldulensis (River Red Gum)

E.camphora (Mountain Swamp Gum)
E.carnaby
E.cinerea (Argyle Apple)
E.dalrympleana (Mountain Gum)
E dives (Broad Leaved Peppermint)
E fastgata(Brown barrel or Cut-tail)
E fraxinoides (ever green ash)
E globoidea(white stringy bark)
E.gregsoniana (Dwarf Snow Gum)
E.gunnii (Cider Gum)
E.kartzoffiana (Araluen Gum)
E.kybeanensis (Kybean Mallee)
E.macarthurii (Paddy's River Box)
E.macrorhyncha (Red Stringy Bark)
E.mannifera (Brittle Gum)
E.melliodora (Yellow Box)
E.muellerana (Yellow Stringy bark)
E.moorei (narrow leaved sally or Little sally -a mallee)
E.neglecta (Omeo Gum)
E.nicholii (Narrow Leaved Black Peppermint)
E.nitens (Shining Gum)
E.ovata (Swamp Gum)
E.parvula (Small Leaved gum)
E.pauciflora (Snow Gum or White sallee)
E.polyanthemos (Red Box)
E.radiata (Narrow Leaved Peppermint)
E.rossii (Scribbly Gum)
E.rubida (Candlebark)
E.sieberi (Silver Top ash, Black ash)
E.stellulata (Black sallee)
E.viminalis (Ribbon or Manna gum)
E.viridis (Green mallee)

OTHERS

Allocasuarina Verticillata (Drooping sheoak)
Acer negundo (box elder maple)
Banksia Marginata (Silver banksia)
Bursaria Spinosa (Blackthorn)
Callistemon Pityoides (Mountain Bottlebrush or Alpine Bottlebrush)
Callistemon Citrinus (Crimson Bottlebrush and Endeavour)
Callistemon Pallidus (Lemon Bottlebrush)
Callitris Endlicheri (Black Cypress Pine)
Casuarina Stricta (Drooping Sheoak)
Casuarina Cunninghamiana (River Sheoak)
Casuarina Littoralis (Black Sheoak)
Callistemon sieberi (river bottle bush)
Cedrus Deodara (Deodar Cedar)
Cupressocyparis (Leighton's Green)
Dodonera Viscosa (Giant Hop Bush)*
Gleditsia Triacanthos (Honey Locust)
Grevillea laspicula (Wee Jasper)
Grevillea Rosmarinifolia (Rosemary Grevillea)
Hakea Dactyloides (Finger Hakea)
Hakea microcarpa (Small Fruit Hakea)
Hakea Salicifolia (Willow Leaved Hakea)
Hakea Sericea (Bushy Needlewood)
Hardenbergia Violaceae (False Sarsparilla)*
Indigofera Australis (Austral Indigo)*
Lomandra Longifolia (Spiny Mat Rush)
Melaleuca Ericifolia (Swamp Paperbark)
Melaleuca parvistaminea (rough barked honey myrtle)
Pinus Halepensis (Aleppo Pine)
Cupressus cyperis Leylandii (Leyland cypress)
Pyrus calleryana (callery pear – or Pyrus chantecler)

Pyrus capital

Pyrus cerasifera nigra (BlackCherry plum ,flowering plum or purple leaved plum)

Pistacia chinensis (Chinese pistachio)

Pyrus ussuriensis (Manchurian or Mongolian pear)

Platanus (Plane tree)

Populus nigra (Lombardy poplar)

Pyrus suber (cork oak from Torres Street , Red Hill Canberra)

OAKS

Quercus dentata (Japanese or Daimyo oak)

Quercus rubra (red oak)

Quercus robur Common or (English oak)

Quercus palustris (pin oak)

Quercus canariensis (Algerian oak)

Quercus suber(Cork oak from Torres street,Red Hill,Canberra)

We have planted a few oaks over the years mainly seedlings from acorns collected in various locations. But in recent years we have purchased some oaks at Nirvalley nursery at Tarago and planted them in various locations as an expression of confidence in the future beyond us.

David Watson a long term grazier in the Bungendore area has been a keen supporter of planting oaks in his paddocks.Indeed he has been doing this for 40 years.His book, Millpost is worth reading. On oaks he writes about the value of oaks through their humus-building leaf fall which enriches the soil.The acorns are enjoyed by cattle and sheep .Moreover oaks are less of a fire risk than eucalypts.David believes that oaks manage with droughts because of their tap root;s ability to find moisture,i

Catherine O'Neill an expert on vegetation is very supportive of oaks being included in any plantings on properties.She introduced us to the Algerian oak(Quercus canariensis).

** Direct seeding*

PLANTING DETAILS

1. Airstrip Knob, Hillview, planted 20 July 1983

This is the first planting we did as the White Family. It was before we took on the responsibility for Mundango in 1989 – the first Rocky Knob planting. Purpose: to halt high wind erosion - loss of soil in 1982 drought dumped along Larbert road

Source: NSW Forests, Landcare, CSIRO

Eucalypts	Acacia	Other
Nitens Cinerea Stellulata		Pinus Radiata in sandy section

Later we added to these:

October 1991:

Eucalypts	Acacia	Other
Melliodora		

1995:

Eucalypts	Acacia	Other
Melliodora Macarthurii	Rubida Boormanii	Cupressocyparis Leylandi (Leyland Cyprus) Gleditsia Triacanthos

7 September 1996:

Eucalypts	Acacia	Other
Kartzoifiana Aggregata (wetter section) Acaciiformis Pauciflora Blaxandii	Rubida Melanoxydon Rubida Dealbata Mearnsii	Leptospermum Juniperinum Callitris Endlicheri Deodar

Have lost all the E.Cinerea in 1995 through Christmas Beetle damage over several seasons. They were then big 12 year old trees but festooned with Christmas beetles..

2 & 3. Rosses Cultivation 1 and 2, planted 3 August 1989 and October 1990

The first plantings since we took on the responsibility for Mundango in 1989 near the end of a three year lease of the property to a Yass grazier Robert Clarke. We were still very ignorant about tree

planting and decided to have (initially) only three species in two lines – Pinus Radiata, E.Macarthurii and A.Rubida. The southern lines was planted in 1989 and the western line in 1990.

Eucalypts	Acacia	Other
Macarthurii 3 Aggregata 3-2-1995 – lower section	Rubida	Pinus Radiata

The planting of Pinus Radiata reflected the view at the time about their suitability for wind breaks. Christmas Beetle damage on mature E.Macarthurii.

4. Lords Lane (named after former manager, Cyril Lord), alongside Paddy's Flat planted 3 October 1991

Eucalypts	Acacia	Other
Stellulata Macarthurii Pauciflora Ovata (failed) Moorei (failed) Viridis Kybeanensis Polyanthemus Gunii Dalrympleana	Elongata Iteaphylla (failed) Verniciflua Mearnsii Dealbata Rubida Falciformis (failed) Baileyana Brides (in the wet area)	Callistemon Citrinus Casuarina Cunninghamia Callistemon Pallidus Willows (in wet area, location 1) Leptospermum Melaleuca Ericifolia

Replacements in wet areas, E.aggregata.

Failures with the Acacias, Iteaphylla, Falciformis, Callistemon.

5. Vincent's Ridge (named after Sir Vincent Fairfax), near cattle yards aligning Windmill, planted October 1991

Eucalypts	Acacia	Other
Macarthurii Pauciflora Aggregata Ovata Maculata Stellulata Acaciiformis Rubida Radiata Melliodora Viridis	Melanoxylon Iteaphylla (died) Mearnsii Rubida Falciformis (died) Elongata Parramattensis Verniciflua (Varnish Wattle)	Banksia Ericifolia Callistemon Citrinus 3 x Deodara (1997 - some died) 2 x Casuarina Stricta Allocasuarina Verticillata (Botanic Gardens - drooping Sheoak) 6 x Grevillea Jaspicula (Wee Jasper) (8/11/01) Pinus Radiata (06/01) 4 x Callistemon Pallidus (8/11/01)

		9 x Callistemon Citrinus (8/11/01) 4 x Callistemon Sieberi
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Replacement 9 May 1992, November 1995 and October 1996

6. Cumberland Lane, Top Flat, top Flat 2, tree seeding, planted 7 October 1992

Eucalypts	Acacia	Other
Dives Pauciflora Mannifera Rossii Viminalis Bridgesiana Polyanthemom Cinerea Fastigata Muellerana Globoidea Bicostata Ovata Rubida Camphora Aggregata Gregsoniana	Mearnsii Rubida Boormanii Parramattensis Pravissima Baileyana Dealbata	Casuarina littoralis Hardenbergia Violacea Indigofera australis Callistemon citrinus Melaleuca ericiflora Bursaria spinosa

7. Tubestock planting in gaps on Cumberland Lane, Top Flat, top Flat 2, planted on 7 October 1994 to November 1995

Due to heavy rain, the higher northern section of the seeding failed. There was more success in the lower portion. A list of the seeds used by Greening Australia's Brian Cumberland is below:

Eucalypts	Acacia	Other
Dives Pauciflora Mannifera Rossii Viminalis Bridgesiana Polyanthemom Cinerea Fastigata Muellerana Globoidea Globulus Bicostata (Eurabrie) Ovata Rubida Camphora Aggregata	Mearnsii Rubida Boormanii Parramattensis Pravissima Baileyana Dealbata Melanoxylon	Casuarina littoralis Hardenbergia Violacca Callistemon Citrinus Melaleuca Ericifolia Bursaria spinosa Indigofera Australis

Gregsoniana Crenulata (Bruxton Gum) Rosssii		
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Subsequent tubestock planting, Cumberland Lane, October 1994 and November 1995 set out below.

Eucalypts	Acacia	Other
Bridgesiana Meliiodora Viridis Aggregata Stellulata Pauciflora Macarthurii Gregsoniana Viminalis	Rubida	1 x Gleditsia 1 x Oak 4 x Pinus radiata (1996)

8. The Angle, Top Flat 2, Direct seeding 7 October 1992, subsequent tubestock planning October 1995 – October 1996

Eucalypts	Acacia	Other
Viminalis Aggregata (96) Bridgesiana Stellulata Macarthurii	Mearnsii Rubida Boormanii Dealbata	9 x Pinus Radiata 2 x Oaks 3 x Deodar

Direct seedlings mainly failed. Christmas beetle damage to Viminalis. Failure of Bridgesiana. Most Pinus died because of wet feet. Replacement trees (Aggregata) helped.

9. Landcare Knob, Hillview 4, planted 8 October 1993

A Braidwood Landcare project which we participated in to launch the “trees on rocky Knobs” Project I was responsible for the district. List of tubestock planted is below:

Eucalypts	Acacia	Other
Mannifera Macarthurii Acaciiformis Stellulata Aggregata Pauciflora Parvifolia Rubida Meliiodora (1995) Blaxandii (Jan 1996) Aggregata (Jan 1996)	Dealbata Melanoxyton Mearnsii Boormanii Rubida	Casuarina Stricta Jacksonia Scoparia Callistemon stricta Melaleuca Ericifolia Pinus Radiata (later in 1996) Gleditsia triacanthos (Jan 1996)

10. Shed Knob, opposite machinery shed, planted in 23 November 1993

A Braidwood Landcare project which we participated in to launch the “trees on rocky Knobs” Project I was responsible for the district. List of tubestock planted is below:

Eucalypts	Acacia	Other
Dives Mannifera Pauciflora (3/2/95) Macarthurii (3/2/95) Acaciiformis (3/2/95) Aggregata (Nov 1993) Melliodora (Nov 1993) Radiata (Oct 1999) Macarthurii (Oct 1999)	Rubida Boormanii Melanoxydon Decurrens Mearnsii (Oct 1999)	1 x Oak 5 x Gleditsia Triacanthos) 1 x Leighton’s Green Cyprus Pinus Radiata 2 x Callitris (1994)

This small area which initially fenced off and planted in 1993 had several plantings, including October 1995. In front of this knob several Deodara planted.

11. Berry’s Belt, Cocksfoot South, Planted Pinus Radiata 9/8/95 and Tubestock October 1995 (named after former Manager, Peter Berry)

Eucalypts	Acacia	Other
Macarthurii Aggregata Bridgesiana Melliodora (Greening Aust) Viminalis (Greening Aust) Polyanthemus Stellulata (Greening Aust) Buxifolia Pauciflora	Rubida (Weatherstone) Dealbata (Weatherstone) Buxifolia (Weatherstone)	Pinus Radiata line (9/8/95) Gleditsia

Sources: *Weatherstone (most), Greening Australia*

Some losses 21 October 2007 plantings. Of 29 E.macarthurii and 9 A.rubida. Another example where in our earlier plantings we included Pinus Radiata. Later this policy was discontinued.

12. Rocky Knob Five Mile top adjoining Climate Change 1 & 2, planted by Cyril Lord, October 1995

Eucalypts	Acacia	Other
Pauciflora Macarthurii Viminalis Aggregata Stellulata Kartzffiana Aggregata	Boormanii Decurrens Buxifolia Mearnsii Pravissima Rubida Mearnsii	Bursaria Spinosa

13. Top Flat Knob, Top Flat 1, planted 20 October 1995

Eucalypts	Acacia	Other
Aggregata Pauciflora Macarthurii Radiata Polyanthemus (Red box) Viminalis Nicholii Acaciiformis Melliodora Bridgesiana (Apple Box) Blaxandii (Blaxland's Stringy Bark)	Mearnsii Rubida Melanoxlyon Dealbata	5 x Bursaria spinosa 2 x Oak Acorns (Yarralumla) 6 x Deodars 8 x Pinus Radiata 5 x Gleditsia Tricanthos

14. Tank Knob, back of cottage, planted 4 July 1996

Eucalypts	Acacia	Other
Aggregata (July 1997) Mannifera Pauciflora Acaciiformis Dives Radiata	Pravissima Mearnsii Rubida Decurrens Melanoxlyon	1 x Deodar 7 x Callitris Endechleri 3 x Pinus Radiata (11/7/96) 4 x Hakea Microcarpa Calistemon 5 Bursaria spinosa 2 oak acorns

Source: *Greening Australia, ACT Forests, Weatherstone*

Although first plantings in 1996, this small area has had several plantings from September 2000. Some of the Callitris were removed by electricity authority because seen as too close to lines.

15. Pinus Radiata Plantation, Sandy Paddock, planted in 17/18 July 1996

Eucalypts	Acacia	Other
		13,000 plants planted over two days by ACT Forests.

Agreement with ACT Forest ended after the Canberra bush fire on 18 January 2003.

Three lift pruning's have been undertaken and final striking rate of high prune trees is estimated at 200 per ha. A commercial thinning of the low prune trees is expected in 2018-2020.

Problems with wombats in fenced off area.

Source: *ACT Forests*

16. Three Tree Hill, Hillview Paddock 3, planted 7 September 1996

Eucalypts	Acacia	Other

Macarthurii Aggregata Pauciflora Acaciiformis	Mearnsii Pravissima Rubida	Leptospermum juniperinum
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Source: Jayfields Nursery, speedlings and Lynfield Park, tubestock

17. Coble's Elbow (named after former manager), adjoining Tank Knob, planted 9 September 1996

Eucalypts	Acacia	Other
Pauciflora Macarthurii Acaciiformis Viminalis Radiata Aggregata	Rubida Melanoxyton	

18. Sandy Lane, Sandy Paddock, direct drill seeding October 1992 (failed), planted 19 September 1996 following direct seeding failure

Eucalypts	Acacia	Other
Macarthurii Aggregata Ovata Acaciiformis Nicholii Viminalis (CSIRO provided providences from Scone area) Pauciflora Radiata	Retinodes Melanoxyton 111 x Rubida (Weatherstone)	1 x Hakea Microcarpa (Manna Wattle – an experiment for wet area) 125 x Pinus Radiata (29/6/96) 1 x Casuarina Littoralis 3 x Deodora (planted September 1997 – failed) 1 oak

Source: Weatherstone, Jayfields Nursery, Wagga Wagga

Another case where we planted a line of Pinus Radiata on the western side. We no longer do this.

19. Windmill, Windmill Paddock, planted 3 October 1996

Eucalypts	Acacia	Other
Acaciiformis Radiata Nicholii Macarthurii Aggregata Gregsoniana Moorei (cider gum) Kybeanensis	Rubida Melanoxyton (failed) Mearnsii (failed)	

The planting was on top of one of Cyril Lord's dumps.

20. Rocky Knob, near Cyril's Dam and laneway, planted October 1996

Eucalypts	Acacia	Other
Macarthurii Aggregata Kartzoiffiana Acaciiformis	Mearnsii Rubida Pravissima	

21. Small tree lot in front paddock, (Cyril Lord), planted in October 1996

Eucalypts	Acacia	Other
Macarthurii Pauciflora Viminalis Aggregata Acaciiformis	Decurrens Buxifolia Boormanii	

Planted by Cyril Lord. Landcare supported.

Source: Lyndfield Park, Weatherstone

22. Rocky Knob, start of laneway, planted October 1996, planted by Cyril Lord

Eucalypts	Acacia	Other
Aggregata Acaciiformis Kybeanensis	Pravissima Mearnsii Rubida 7 more A rubida planted on 7-10-2012	5 quercus robur planted in gaps 5-4-2020

23. Kirk Knob, Top Flat 2, planted 24 September 1997

Eucalypts	Acacia	Other
Macarthurii Later: Dalrympleana Polyanthemus	Rubida Later: Baileyana	

Named after Boarding House at Duke of York School, Nairobi, where I went to secondary school. Speedlings from Jayfields Nursery, Wagga Wagga. Helped by Oliver Cordell who was with me in Kirk House.

24. Top Flat line, Top Flat 2, planted with Pinus Radiata 12 August 1997 followed by tubestock 29 September 1997

Eucalypts	Acacia	Other
13 x Kybeanensis (Kybean Mallee) 4 x Moorei	Dealbata Rubida Mearnsii	121 x Pinus Radiata (ACT Forests) 2 x Bursaria Spinosa

25 x Macarthurii (24/10/2003) Acaciiformis Stellulata		
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Source: Tubestock (natives) and Weatherstone and Jayfields Nurseries, Wagga Wagga.

We had problems with Hakea's and because of mounting not sealed properly we lost some Pinus Radiata and needed replacements. Greening Australia carried out a direct seeding in the mid portion on 15 October 1998.

25. Fuji Xerox line (western section, Kings Highway, Hillview), planted 24 September and 15 October 1998

September 1998

Eucalypts	Acacia	Other
Kybeanensis Moorei Camphora Globulus Gunnii	Dealbata	Melaleuca ericifolia Leptospermum

October 1998

Eucalypts	Acacia	Other
Macarthurii (ex-Gunning) Nicholii (Greening Australia) Melliodora Neglecta Viminalis Stellulata Mannifera Aggregata Pauciflora Dives Radiata Rubida Ovata Aggregata	Rubida (ex-Gunning) Implexa Decurrens Pravissima Retinodes Mearnsii Dealbata Boormanii Convenyi Floribunda	Melaleuca (Mongarlowe Paul Dann) Callistemon pallidus Callistemon sieberi Melaleuca ericifolia Allocasuarina verticillata Allocasuarina littoralis

Source: LandCare, Jocelyn Sussiman, Greening Australia, Weatherstone

On 24/9/1998 planted tubestock from Jocelyn Sussman in wetter area: 30 A.dealbata, E.Moorii, 25 Leptospermum Kybeanensis, and 5 Melaleuca Ericifolia. Other replacements: Pauciflora (Hiko), Stellulata (Greening Australia) on 17 October 2001, Aggregata, Banksia Marginata (Hiko), E.aggregata and E.moorei in 2001.

26. Fuji Xerox line eastern extension, direct seeding followed by tubestock planting, planted 15 October 1998

The direct seeding by Greening Australia (Cumberland) only partially successful and we had to do quite a lot of tubestock planting in gaps. But later more of the seeding came good. Lesson: be patient.

Eucalypts	Acacia	Other
Pauciflora Parvula Dives	Rubida Dealbata Decurrens Pravissima Implexa Mearnsii Retinoides	Melaleuca ericifolia

Source: Currajuggle, Lyndfield Park Nursery, Greening Australia

26 September 2000 planted following in gaps:

- 12 Stellulata (Greening Australia)
- 8 Acaciiformis (Greening Australia)
- 21 Macarthurii
- Gregsoniana

On 22 October planted 30 Stellulata (Currajuggle)

Fuji Xerox provided \$10,000 to initiate a LandCare project in the Braidwood District which helped subsidise part of the planting on Mundango.

27. Williams Lane (named after William White, grandson), Rosses Cultivation 2, planted 25 October 1999

Direct seedings on part of land 1 August 1998. Pinus radiata line on western side (1 August 1998), tubestock (natives) planted 25 October 1999. Tree seeding failed.

Eucalypts	Acacia	Other
Macarthurii Aggregata Kybeanensis Camaldulensis Stellulata Acaciiformis Ovata	Rubida Mearnsii Retinoides	Casuarina Cunninghamiana Casuarina littoralis Hakea Microcarpa Melaleuca Ericifolia Pinus radiata

Source: Weatherstone, Wariapendi, ACT Forests (Pinus Radiata)

28. M3 (Millenium), Hillview/Kings, planted 23 October 1999

Eucalypts	Acacia	Other
Camphora (losses) Gunnii (losses) Melliodora Neglecta Nitens Ovata (losses) Pauciflora Rubida Stellulata Viminalis Macarthurii Globulus (losses) Acaciiformis (Oct 2000)	Boormanii Covenyi Dealbata Decurrens (losses) Floribunda Mearnsii Pravissima Rubida Trachyphloia Mearnsii (Oct 2000)	Casuarina littoralis (losses)

29. Balamba Knob, east of main gate, planted by Cyril Lord October 1999

Eucalypts	Acacia	Other
Aggregata Gunnii Melliodora Nitens Ovata Pauciflora Rubida Viminalis Macarthurii	Boormanii Dealbata Floribunda Pravissima Rubida	

Savage losses in winter of 2000 frosts

October 2002, planted 10 E stellulata in gaps

Wollemi Pine planted 2008 (gift from the Compton's) – destroyed by rams

3 April 2012 2 Cork Oaks (Torres Street)

6 October 2012 9 Acacia dealbata

May 2013 5 trees removed at south eastern end of the home paddock by Essential Energy – too close to power lines

30. Angus (named after our son Angus White), Cyril's Paddock 390 Tubestock, planted 29 September-1 October 2000

Eucalypts	Acacia	Other
Macarthurii Pauciflora Radiata Mannifera Melliodora Nicholii Aggregata	Rubida Boormanii Mearnsii Pravissima Decurrens	Casuarina Littoralis 5 x Grevillea Jaspicula (Wee Jasper) (30/10/2001) 4 x Callistemon Busaria Spinosa

Acacii formis Stellulata		
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Good rain (56mm) 25-27 September.

Some replacement planting later. E.acaciformis failed with drought, E.pauciflora suffered stress in hot dry conditions. CSIRO set up an entomology project in Angus with moths to seed with thistles (10 metre square section). Thistle burden significant due to build-up of nitrogen (an old sheep camp). The 30 Mannifera were sources from John Weatherstone at Gunning (planted 13 October 2001). The rest were sourced from Currajuggle. Replanting in October-December 2001 A rubida, E macarthurii and E pauciflora.

31. Dotcom, Hillview 3, planted 6 October 2000

Eucalypts	Acacia	Other
Macarthurii Aggregata Mannifera Melliodora Aggregata Stellulata Nicholii Cinerea Dalrympleana Seiberi Acaciformis Radiata Pauciflora	Boormanii Decurrens Mearnsii Pravissima Rubida Floribunda Dealbata	Casuarina Littoralis

Source: Currajuggle

Planted with help of Green Corps. This planting enabled us to create a larger rocky knob area including the Landcare knob planted 1993.

32. Admiral's Alley (named after Rear Admiral Ian Crawford and his wife Cathy who helped plant), Five Mile Flat, planted 28 October 2000

Eucalypts	Acacia	Other
Acaciiiformis Macarthurii Aggregata (20/9/2003) 20 x Stellulata (12/4/2005) Viminalis Nicholli Radiata Melliodora Pauciflora	Rubida Mearnsii Pravissima Boormanii Decurrens	Bursaria Spinosa (20/9/2003) Hakea Microcarpa (20/9/2003) Callistemon Citrinus Callistemon Pityoides Casuarina Littoralis

200 trees in first planting. Replacements needed in September 2003 and April 2005. Tubestock sourced from John Weatherstone, Gunning – hiko trays.

33 & 34. Climate Change 1, Five Mile Flat, planted 28 October 2000 and Climate Change 2, planted 13 October 2001

Eucalypts	Acacia	Other
Macarthurii Pauciflora (October 2001) Mannifera Aggregata Viminalis Stellulata Acaciiformis	Rubida Mearnsii	6 x Banksia Marginata Callistemon Citrinus (1/9/2003) Callistemon Pityoides (21/9/2003) Hakea Microcarpa Bursaria Spinosa

Source: Weatherstone

35. Middle Flat, old dump, planted 13 July 2001

Eucalypts	Acacia	Other
24 x Macarthurii (6/10/2001) Greening Australia	Trachyploia (Golden Feather Wattle) (6/10/2001) Rubida (6/10/2001) Pravissima (28/11/2004)	100 x Pinus Radiata Bursaria Spinosa

Source: Currajuggle, ACT Forests (Pinus Radiata), Greening Australia

A very sandy site – one of Cyril Lord’s old dumps. Started with Pinus Radiata.

36. Charlotte Hill (named after our granddaughter Charlotte Dulhunty), Packwood Sandy, planted 5 October 2002 (my mother’s birthday)

Eucalypts	Acacia	Other
Pauciflora Macarthurii Stellulata Aggregata	Dealbata Rubida Mearnsii	

Source: Weatherstone 1/3 and Currajuggle 2/3.

37. Mearnsii Hill, Facing Top Flat 2, planted 2/4 April 2002

Eucalypts	Acacia	Other
Dives Mannifera Pauciflora Rossii Macarthurii Stellulata Dalrympleana Macrorhyncha	Mearnsii Boormanii Pravissima Rubida Decurrens	Casuarina Littoralis Callistemon Citrinus Hakea Dactyloides Banksia Marginata

Muellerana Parvula Radiata Viminalis Fastigata Fraximorides		
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A very large autumn planting helped by Richard Stone and a Green Corps team. Many losses due to drought and a lot of replacement planting in 2003/2004. This was a very demanding planting as we were in drought conditions and watering had to be carried out more frequently than some other tree plantings. The planting was on an Aeolian sand hill with one single tree (an *A.mearnsii*). Idea was to protect a fragile area which blew in the 1982 drought.

38. Darcy (named after grandson Darcy White), Top Flat 2, planted 8 April 2002

Eucalypts	Acacia	Other
Dives Pauciflora Aggregata Macarthurii Radiata Viminalis Parvula (31/3/2007) Nicholii (31/3/2007) Rubida (Candle bark)	Mearnsii Rubida Melanoxydon (special provenance from Lyn Ellis's parents place) Decurrens Pravissima	5 x Oaks (sourced from Empire Circuit Forest, ACT, Ted Crook) 1 x Callitris

Source: *Currajuggle Nursery and Greening Australia*

Due to losses, replacements planted on 8 April 2003 and 31 March 2007. Suffered from combination of late frosts, low rain and kangaroo and grasshopper damage. *A.mearnsii* failed on the flats.

39. Pauciflora Hill (and Dove's Corner), Sandy Paddock, planted April 2002

Eucalypts	Acacia	Other
Pauciflora (Weatherstone) Dives (Weatherstone) Macarthurii Parvula Mannifera Dives	Rubida Mearnsii Pravissima Dealbata	Callitris Endlicheri (Yarralumula Nursery) Callistemon Citrinus Hakea Dactyloides Banksia Marginata Bursaria Spinosa

Source: *John Weatherstone, Currajuggle and Yaralumba Nursery*

Because of drought this area needed replacement plantings over several seasons. Rain in late February / March (120mm) broke 11 month drought. Paterson Curse an issue here.

40. The Necklace, Cyril's Paddock, planted 12 October 2003

Eucalypts	Acacia	Other
Pauciflora Macarthurii Viminalis Parvula Stellulata	Rubida Dealbata Pravissima	

Source: Currajuggle Nursery

Good rain (54mm) in week before planting. Green Corps helped in pre planting preparation.

41. Drought Hill, Five Mile Top, planted 12 October 2004

Eucalypts	Acacia	Other
Macarthurii Pauciflora Mannifera	Rubida Dealbata	

This rocky knob was dominated by thistle and some Paterson Curse. The paddock, Five Mile Top, had been overgrazed. Hiko trays / tubestock from John Weatherstone.

Source: Currajuggle Nursery

42. Moja's Run (named after our Border Collie born at the Merryanbone property of John and Elaine McLaughlin near Warren and Nyngan a gift from Justin in 1990), Five Mile Flat, planted 7 October 2004

Eucalypts	Acacia	Other
40 x Stellulata 10 x Parvula 50 x Dives 60 x Pauciflora Viminalis Macarthurii Aggregata Nicholii Radiata	Mearnsii Rubida Dealbata Decurrens	

Source: Currajuggle Nursery

We had some losses and several replantings including further plantings in the autumn of 2005 and 2006 and on 31 March 2007. Most of the E.stellulata failed because of wet feet. Losses with E.pauciflora, E.radiata and A.rubida.

43. Cooper's Camp (named after Tony Cooper, a faithful planter), Cyril's Paddock, planted 30 September 2006 and October 2007

Eucalypts	Acacia	Other
Meliiodora Viminalis Parvula Macarthurii Nicholii Pauciflora Acaciiformis	Decurrens 80 x Mearnsii 40 x Covenyi Rubida Pravissima Floribunda Dealbata	Banksia Marginata (10) Casuarina Stricta Grevillea Langirera Bursaria spinosa

Source: Currajuggle Nursery

Rebecca Hall advised us to plant more Acacias in this sandy area. Her advice was based on information she obtained at a conference on soil biota which noted that there was a correlation between successful plantings of tubestock and the degree to which Acacias were used. The Acacias have the ability to fix nitrogen in their nodules. Further, there is the mycorrhiza impact of Acacia on the soil. Conservation volunteers helped in preparing holes.

44. Saffron Ridge, Top Flat 1, planted 30 September 2006 and 23 July 2007

Eucalypts	Acacia	Other
Viminalis Meliiodora Nicholii Parvula (22/9/07) Macarthurii (22/9/07) Meliiodora (22/9/07) Mannifera	Boormanii 80 x Mearnsii 40 x Covenyi 40 x Floribunda Pravissima (22/9/07) 40 x Rubida (22/9/07)	10 x Banksia marginata

Source: Currajuggle Nursery

Saffron Ridge named after the pressure of Saffron weeds was planted over two years.

45. Back of Balamba House, planted 16 November 2007

Planted 16 November 2007 four oak seedlings sourced from the former Empire Circuit, home of the late Sir Roland Wilson and gifted by his neighbour, Ted Crook. Only one survived because of sheep damage.

One Manchurian Pear (in memory of Ross & Helen Tolmie, Canada).

One E.stellulata.

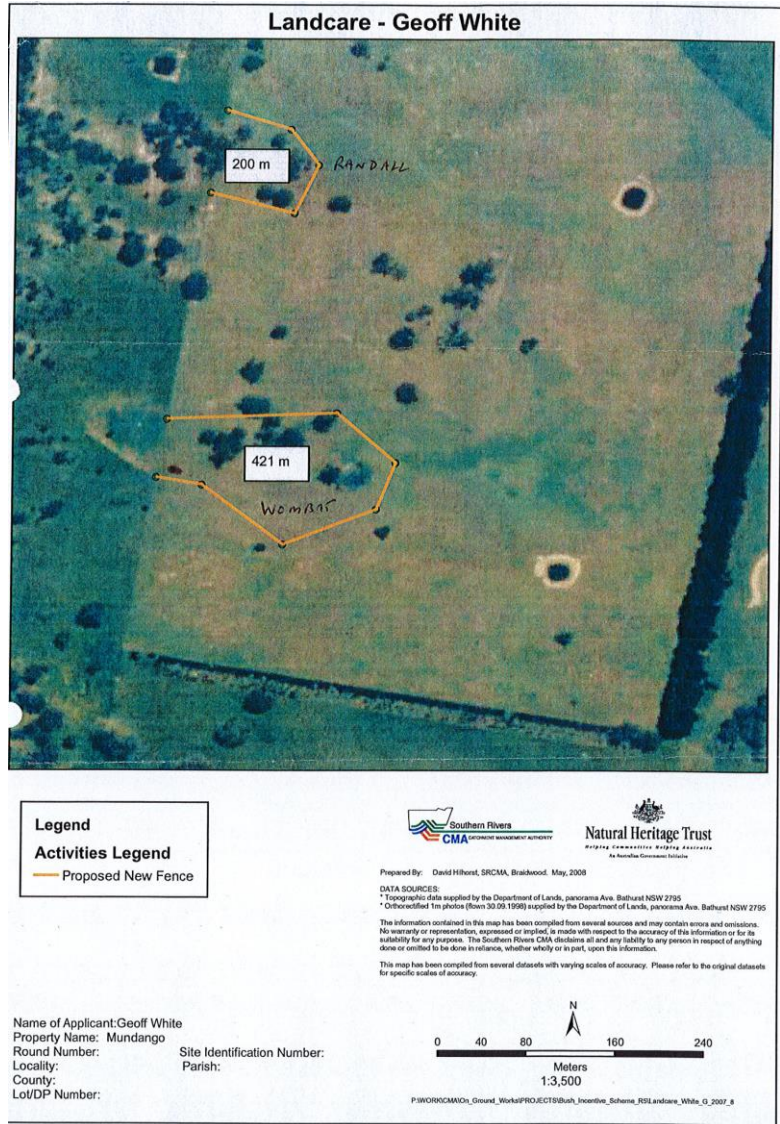
46. Randall's Patch (named after a friend Peter Randall, who has planted many trees on Mundango), Cocksfoot, planted 5 April 2008

Eucalypts	Acacia	Other
Mannifera	Floribunda	

Parvula Viminalis Nicholii	Rubida Pravissima Dealbata	
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Source: Currajuggle Nursery

Sandy and wombats present. Badly damaged in the bushfire in December 2019.



47. Wombat Hill, Cocksfoot, planted 27 September 2008

Eucalypts	Acacia	Other
Parvula (70) Macarthurii (150) Nicholii Viminalis Mannifera	Covenyi Rubida Decurrens Pravissima Floribunda	

Source: Currajuggle Nursery

The first efforts on tree planting after purchase of Packwood in January 2008. One of our better plantings.

48. Direct seeding, Packwood boundary along Columbo Lane, planted 7 October 2008

Eucalypts	Acacia	Other
Dives Nicholii Pauciflora Radiata Stellulata Viminalis Parvaula Macarthurii	Boormanii Covenyi Dealbata Decurrens Floribunda Pravissima Rubida Mearnsii Bursaria Spinosa	Kunzea Ericocides (Burgan) Leptospermum. Juniperinum (Leptospermum. Polygalifolium (Common Tea Tree) Melaleuca. Parvistaminea Callistemon Paludosus

Packwood was purchased in January 2008 and efforts have been made to plant trees there because of the absence of tree cover

Source: *Greening Australia (Cumberland)*

Two rows of 3.2km and in one section, 3 rows 1.8kg of seed. Mixed result due to poor preparations and Phalaris grass. Best results in the higher portions.

49. Alexander (named after our grandson, Alexander White), Packwood, planted May 2009

Eucalypts	Acacia	Other
Macarthurii Pauciflora Mannifera Nicholii Rubida Dives	Mearnsii Rubida Decurrens Pravissima Floribunda	3 x Cork Oaks (Torres St) (July 2011) 2 x Oaks (Phillip) (July 2011) 3 x other oaks

Source: *Currajuggle Nursery*

Phalaris strong. Hard work breaking rocky holes; needed crowbar at times.

50. Tim's Patch (named after our grandson, Timothy White), Packwood, planted 12 October 2009

Eucalypts	Acacia	Other
Pauciflora seed at top Rubida Macarthurii Aggregata Stellulata Nicholii	Rubida Decurrens Dealbata Pravissima Boormanii	Grevillea Rosmarinifolia (Rosy Posy – source: Yarralumla Nursery)

Good conditions with 37.5mm rain on 23 September and 27.5mm on 11 October.

51. Skye (named after our granddaughter, Skye White), Packwood Sandy, planted 17 April 2010

Eucalypts	Acacia	Other
Macarthurii (80) Mannifera (40) Nicholii (40) Rubida (20) Stellulata (10)	Dealbata (20) Decurrens (40) Floribunda (20) Mearnsii (30) Pravissima (30)	80 x Banksia marginata 2 x Oaks planted 2 April 2010 (acorns from Manuka, ACT)

Source: Currajuggle Nursery

52. Scarlett (named after our granddaughter, Scarlett White), Packwood, planted September 010

Eucalypts	Acacia	Other
Meliiodora Rossii Mannifera Nicholii Ovata Pauciflora Radiata Stellulata Rubida Aggregata	Covenyi Dealbata Decurrens Mearnsii Pravissima Rubida Trachyphloea	2 x Oaks (one an acorn from the War Memoria gadenl) Banksia Marginata Bursaria Spinosa

Source: Currajuggle Nursery

20 Lomandra Longifolia planted in Scarlett (source Kay McCarron). Idea is to encourage bird life. On 3 October 2010, planted 1 E. Pauciflora to honour Gavin Casey who died in 2010 and E. Paucifloras to honour Feya White who died on 15 January 1999 and Nancy Fairfax who died 7 July 2007.

53. Whole of paddock rehabilitation (WOPR) seeding in New Paddock Cultivation, seeded 23 September 2010

This experiment followed a visit we made to Weiloroo, Binalong to inspect the Greening Australia WOPR project there. Subsequently, Greening Australia (Graham Fifield) selected this paddock for the first WOPR project in the Braidwood district.

We signed an agreement with Greening Australia covering the designated area of 13ha. Under the agreement in return for us keeping stock of the paddock for five years following direct seeding we would receive stewardship payments of \$1,625 (initial) and \$1,625 in October 2015. Greening Australia provided an initial amount of \$2,400 towards the cost of fencing and direct seeding of 10kg of control lines (valued at \$2,000).

While the southern gaps in the upper section of the paddock did quite well, this reflected the poorer sandy soils in the northern section as well as damage from wombats. Greening Australia agreed to plant out tubestock in the section that had failed to strike. Plantings of 600 tubestock took place in early October 2013.

Agreement was extended by two years to October 2017 to give the tubestock time to develop.



54. Scarlett's Tongue, Packwood, planted September 2011

Eucalypts	Acacia	Other
Aggregata Ovata Pauciflora Stellulata	Dealbata Trachyploia Pravissima	Oak acorn (War Memorial)

55. Watters (named after Steve Watters who did most of our fencing), Packwood, planted 1 October 2011

Eucalypts	Acacia	Other
Mannifera Nicholii Pauciflora Stellulata Viminalis Dives	Covenyi Decurrens Mearnsii Pravissima Rubida	Lomandra .Longifolia (x 20 – 1 oak an acorn from The Australian War Memorial)

Source: Currajuggle Nursery

56. Balamba plot, Balamba, planted April 2012 – 2015

Eucalypts	Acacia	Other
Carnaby (loss) Gregsoniana (LandCare 23/3/14) Nicholii Mannifera Stellulata	Rubida Decurrens Pravissima Mearnsii Trachyphloia (golden feather wattle) Dealbata	8 x Banksia Marginata 2 x Chinese Pistachio Hakea Platysema (loss) 1 x Pyrus Chantecler Bursaria Spinosa 1 x Pyrus Capital 2018 1 x Prunus Nigra 2018 4 Leylandii (2018) 1 oak(robur)

Source: Currajuggle Nursery, Wariapendi farm trees, Colo Vale, Mittagong, Greening Australia, LandCare

We have had to do a fair amount of replanting due to frost damage to Acacias

57. Boxthorn, Packwood Sandy, planted October 2012

Eucalypts	Acacia	Other
Pauciflora Mannifera Viminalis Macarthurii Dives Stellulata	Dealbata Boormanii Covenyi Mearnsii Rubida	Banksia Marginata Cork oaks (from Torres St, ACT)

Source: Currajuggle Nursery

Boxthorn named after the South African Boxthorn bush which was removed from the location.
Wombats in evidence.

58. Walden (named after former manager, Packwood), planted 5 April 2014

Eucalypts	Acacia	Other
Mannifera Stellulata Nicholii Rubida	Mearnsii Rubida Floribunda	

Source: Currajuggle Nursery

Wet conditions with 69mm on 4 and 5 April.

59. Gallipoli, Hillview 3, planted 18 April 2015

Eucalypts	Acacia	Other
Dives Mannifera Parvula Pauciflora Rubida Nicholii	Boormanii Covenyi Decurrens Mearnsii Pravissima Rubida	

Source: Currajuggle Nursery

A difficult location, very sandy and rabbits and hares. Planting to commemorate 100th anniversary of landing at Anzac Cove, Gallipoli (my grandfather served at Gallipoli).

Failures in mid sandy section.

60. Exotic trees, Balamba home paddock, planted 23 April 2016

Eucalypts	Acacia	Other
		Japanese Empress Oak (Quercus dentata) 3 x Quercus Rubra Red oak Aleppo Pine (pinus halepensis) (from Yarralumla Nursery) failed 1 x Cedrus Deodara 1 x English Oak(robur)

Source: Campbell / Nirvalley Nursery, Tarago

61. Scott's Line in Shearing Shed Paddock, planted 20 May 2017

Eucalypts	Acacia	Other
Stellulata (10)	Pravissima (10)	Callistemon Endeavour (20)

Source: *Stellulata & Pravissima* from nursery at Goulburn, *Callistemon Endeavour* from Queanbeyan Nursery

62. Sally's Alley – first plantings 14 April 2019

Eucalypts	Acacia	Other
		3

Purpose to celebrate Sally's 80th oaks and *Callistemon Endeavour* being planted. First plantings of oaks on 14 April 2019 (one *Quercus rubra* and one *Quercus robur*) and second on 21 July 2019.(six oaks including very small seedlings grown by Sally) A third planting of oaks on 29 February 2020 three *Quercus canariensis* seedlings given to us by Catherine Oneill from Holbrook. A fourth planting of an oak on 5 April (*Quercus robur*) The oaks planted on 14 April 2019 and 5 April 2010 were sourced from Nirvalley Nursery at Tarago .As of May 2020 there are a total of seven oaks in this planting. Some of the smaller plants did not survive.

The 40 *Callistemon endeavour* planted on 9 October 2019 proved a failure due to the very dry conditions combined with scorching winds. Wingless grasshoppers also did a lot of damage.. Only two survived.

63. Scott'Wish , planted in October 2019

Eucalypts	Acacia	Other

150

On 7 October 2019, we planted tubestock in a small area (0.275ha) fenced off joining two existing plantings Mearnsii Hill 2002 and Boxthorn 2012.

This is the second project that falls within the Save Our Scarlet Robin Program. It is a very sandy area and the decision to plant here was prompted by severe August winds which damaged the adjoining Lucerne planting in Paddock Sandy.

A combination of a serious drought with only 314mm of rain recorded together with some fierce winds and the damage caused by wingless grasshoppers decimated our plants. Only 70 of the 150 planted survived. Our worst result since we started planting trees. Given that under our contract on this project that we must achieve an 80% success rate we have had to purchase more tubestock and the following have been planted to fill the gaps

7 April 2020

12 *Eucalyptus*

10 *Acacia rubida*

4 *Banksia marginata*

Remnant Vegetation

Several remnant vegetation areas on Mundango have been fenced off under programs with the NSW Department of Land and water conservation in 1999 and the Southern Rivers Catchment Management Authority in 2005 and Caring for Country in 2010.

NSW Department of Land and Water Conservation – a 15 year agreement

- Sally’s Corner – open forest 12.5ha – The Run

Eucalypts	Acacia	Other
Dives Mannifera Rubida Rossii Melliodora		
Sallyy’s corner damaged in the December 2019 bushfire.		

- Aggregata enclosure – open forest 0.5ha – The Run (well researched By CSIRO)

Eucalypts	Acacia	Other
Aggregata		

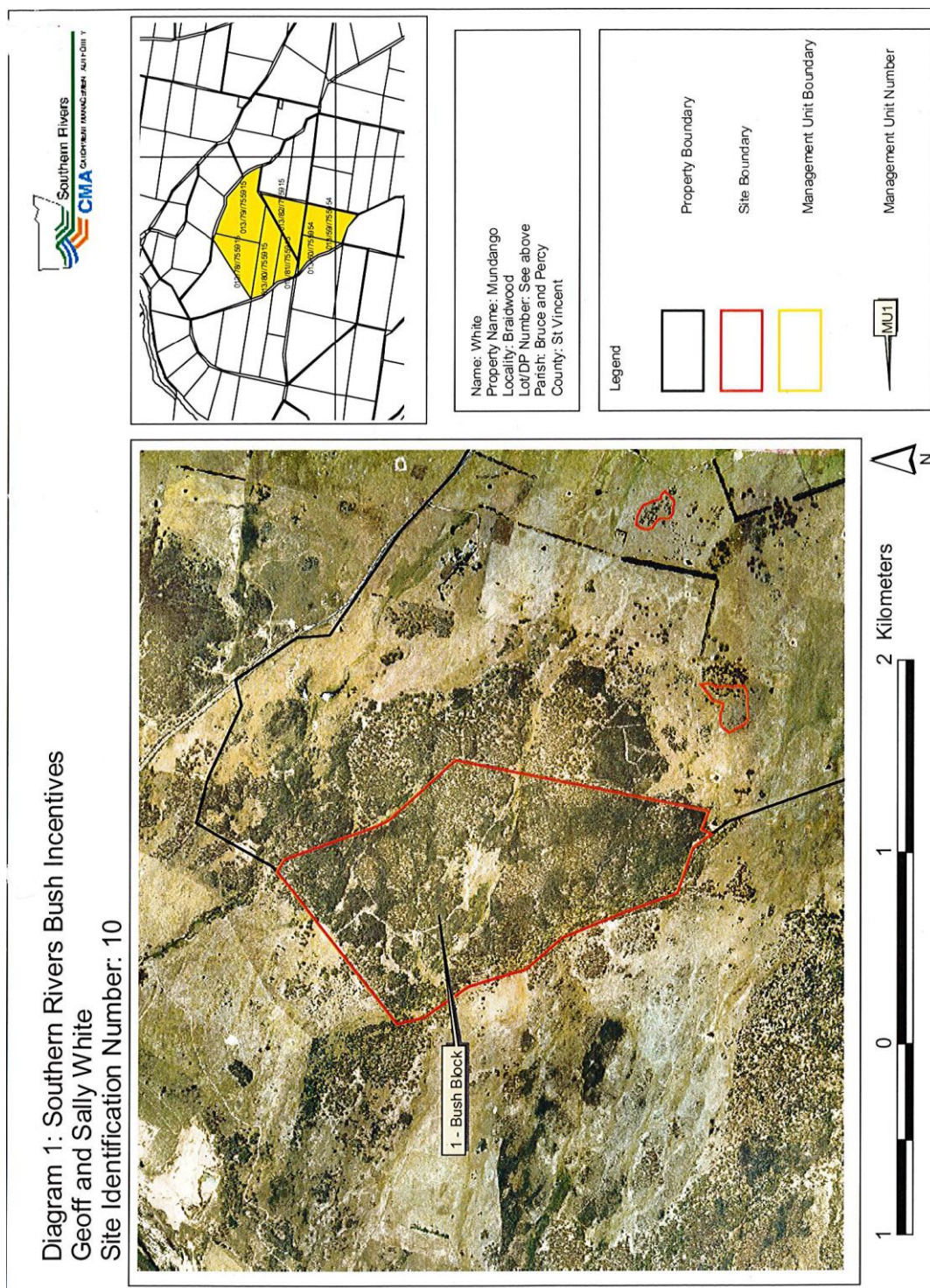
- Six Mile boundary – E.viminalis – open forest 3.5ha – The Run

Eucalypts	Acacia	Other
Viminalis		

- Lagoon Corner – E.melliodora, E.pauciflora – 1.5ha Lagoon Paddock

Eucalypts	Acacia	Other
Melliodora Pauciflora		

- The Bush Block



- The Run – The Bush Block – 171.7ha

Eucalypts	Acacia	Other
Dives Mannifera Pauciflora Rubida Viminalis	Dealbata	Banksia Marginata Kunzea Parvifolia

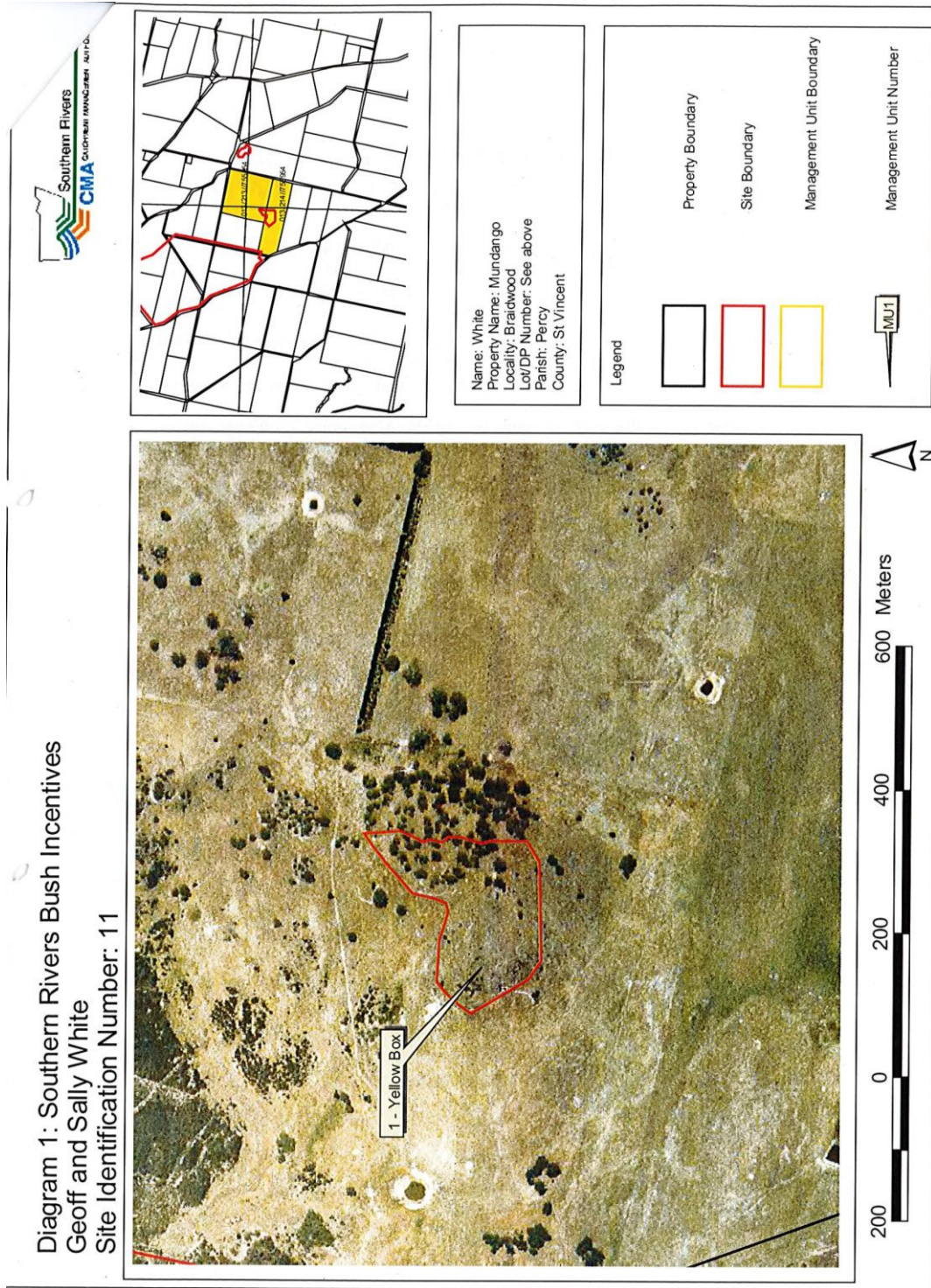


Diagram 1: Southern Rivers Bush Incentives
Geoff and Sally White
Site Identification Number: 11

- Yellow Box – 3.6ha – New paddock

Eucalypts	Acacia	Other
Meliiodora Rossii Pauciflora Dives		

Mannifera		
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- Snow Gum – E.pauciflora 2.1ha – Lagoon Paddock
-

Eucalypts	Acacia	Other
Pauciflora Melliodora	Mearnsii	Lomandra Longifolia

Caring for Country- farming for the long haul

Fencing off four ha of remnant E pauciflora at packwood adjoining the Pinus Radiata plantation.

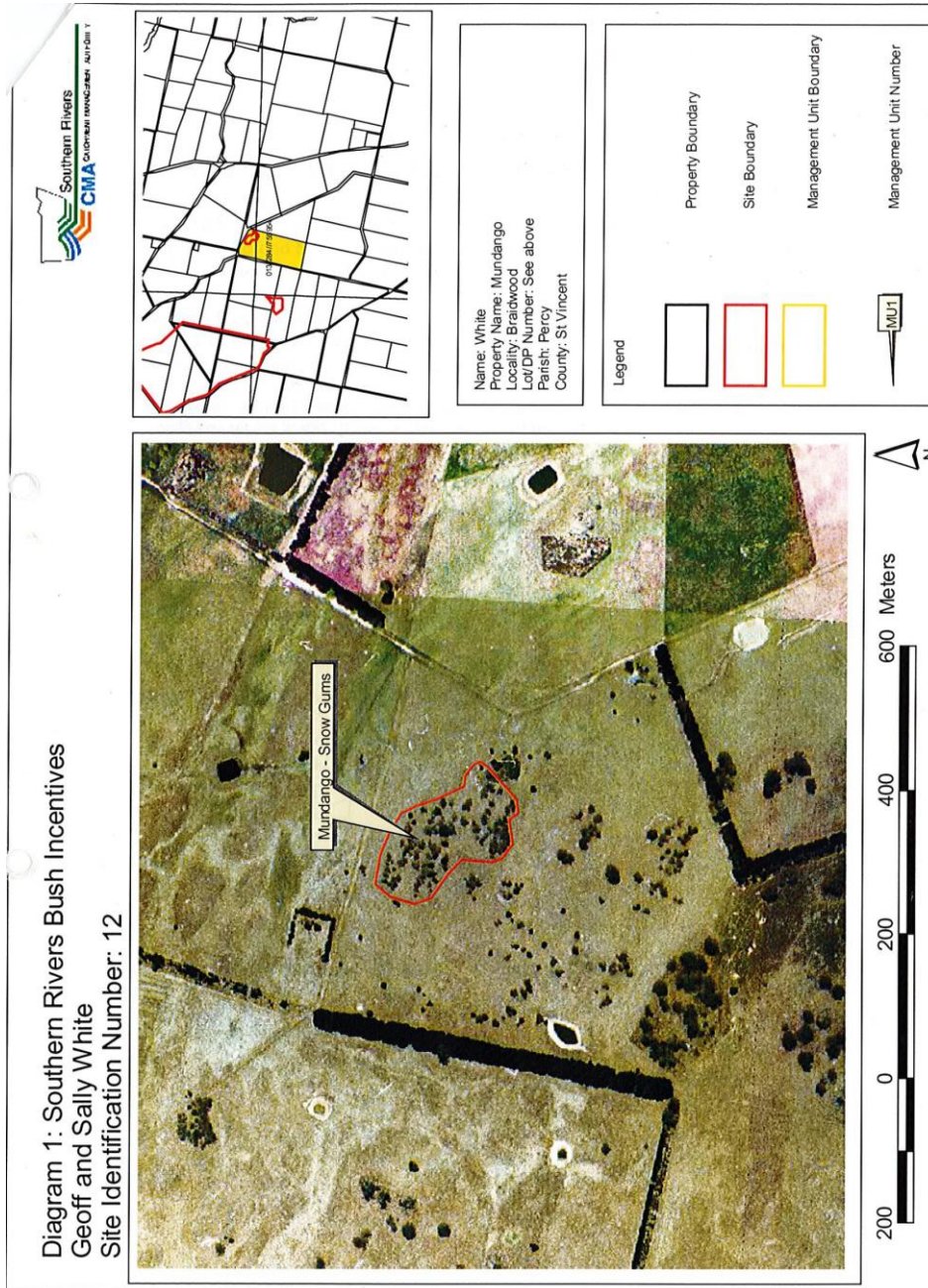
- Save our Scarlet Robin project – Snowgums
In October 2017, we were invited by South East Land Services to participate in the Scarlet Robin Program. This program is designed to help monitor positive impacts to landscape scale biodiversity. The following 8 birds have been identified as threatened woodland birds:

- The Diamond Firetail, listed vulnerable in NSW in 2001
- The Hooded Robin, listed vulnerable in NSW in 2001
- The Speckled Warbler, listed vulnerable in NSW in 2001
- The Brown Tree-creeper, listed vulnerable in NSW in 2001
- The Gang-gang cockatoo, listed vulnerable in NSW in 2005
- The Glossy Black Cockatoo, reviewed vulnerable listing in 2008
- The Scarlet Robin, listed vulnerable in NSW in 2010
- The Flame Robin, listed vulnerable in NSW in 2010

Felicity Sturgiss selected the Snow Gums site at Mundango. Her choice being influenced by the proximity of existing remnant vegetation. The Snow Gums site, which was already fenced off, is participating in the program. On 12 October 2017, planting of 21 tubestock took place at Snow Gums (A.mearnsii, A.dealbata, A.decuffata, and Hakea Sericea). The aim of the Scarlet Robin project is to improve the habitat value for woodland birds as well as enhance the potential for those birds to move across the landscape.

On 22 April 2018, planted one Zieria Citriodora (Lemon Zieria), a gift from the National Botanic Gardens.

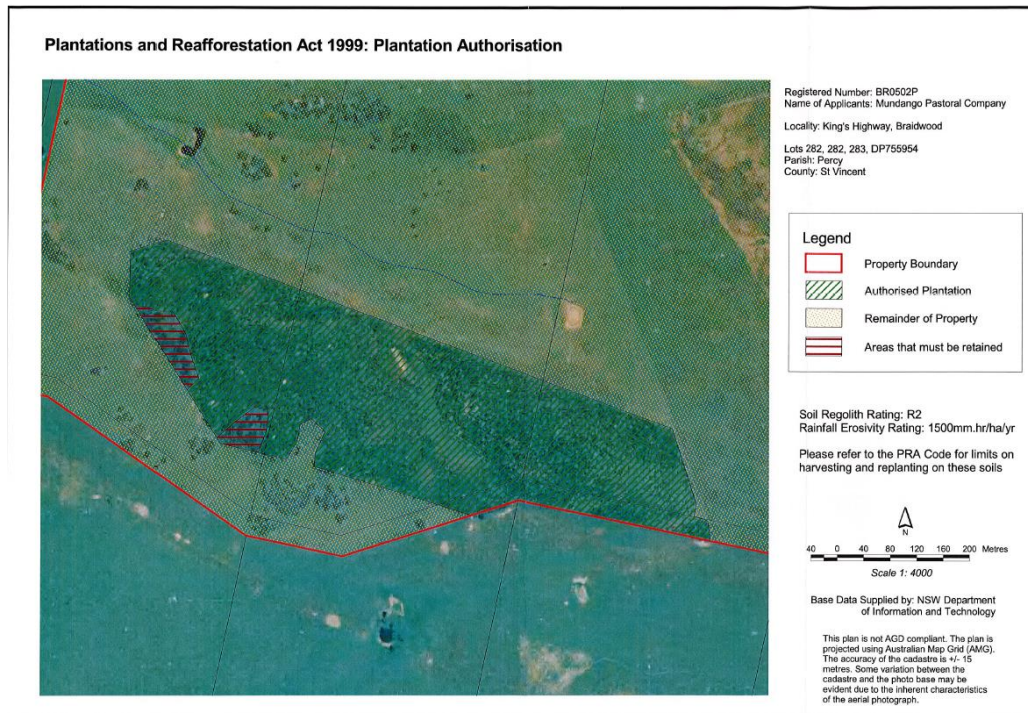
Following the Scarlet Robin field day on 22 April 2018, we were given 24 Bursaria Spinosa which we planted over the period 25 to 27 April 2018. Very dry conditions and tubestock each planted with 10 litres.



- Snow Gum – *E.pauciflora*, Packwood, trees adjoining Pinus Rubida plantation, 4ha

Deodars (Cedrus Deodara)

The late Don Mackay, then at Nithdale property, gave us 20 seedlings on 28 March 1995. He had enjoyed a lot of success with Deodars on his property. Subsequently we planted Deodars in various locations, including in the view of the machinery shed, Shed Knob, the paddock behind the cottage, the Angle, Vincent's Ridge and Top Flat 1 Rocky Knob. In 2017 we planted another Deodar in Balamba Paddock sourced from nursery at Tarago.



Some of our Failures

- E.carnaby
- E.cinerea (Argyle Apple)
- E.kartsoffiana (Araleun Gum)
- E.gunnii
- E.bridgesiana (Apple Box – attacked by Christmas Beetle)
- A.trachyphloia (Golden Featured Wattle)
- A.melanoxylon (Blackwood – in unprotected areas)
- A.retinooides (Wirilda – not local)
- A.iteaphylea (Winter Wattle)
- A.verniciflua (Varnish Wattle)
- A.decurrens (Green wattle)

Hakea Platysema

E.nitens (shining gum)

E.camphora (mountain swamp gum)

Cassuarina littoralis

E.viminalis (Christmas beetles)

E.meliadora (Yellow box) on the flats

E.ovata (swamp gum)

E.moorei

Test lax