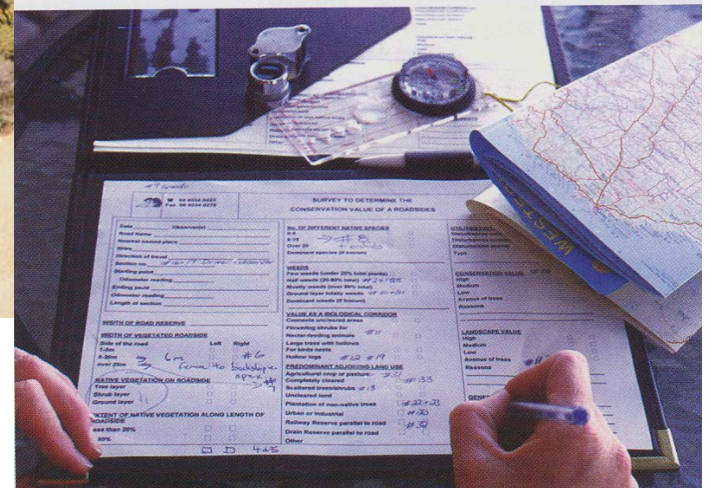


Roadside Vegetation Survey in Serpentine Jarrahdale



Roadside Surveys

Determining conservation status.

Snap-shot study.

Aim: Assess the conservation values of roadside remnants in Serpentine Jarrahdale.

- ✓ Conducted from September to November 2004 and February 2005.
- ✓ 67.2% (434km) of Serpentine Jarrahdale Shire's 646km of roads were surveyed.
- ✓ Assessed by the RCC and maps produced via a Geographic Information System (GIS).



Roadside Surveys

The roadside surveyors were:

Jenni Andrews
Kristy Gregory
Jacinta Pleiter
Adrian Stubbings
Colleen Rankin
Janis Pool

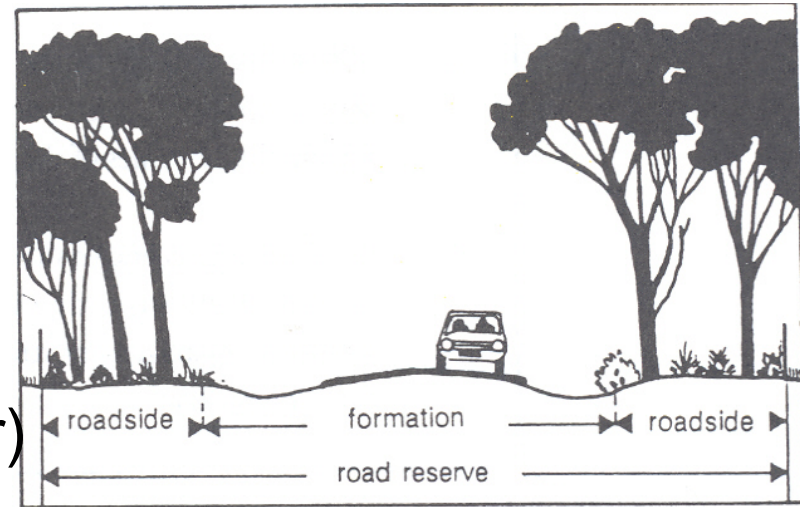


They completed
over 21 hours of
survey work!



Roadside Attributes

- Width of road reserve
- Width of vegetation
- 6 nominated weeds
- Utilities/services (water, power)



- Extent of native vegetation
- Structure of native vegetation
- Number native plant species
- Value as biological corridor
- Degree of weed infestation
- Adjoining land use



Roadside Conservation Value

6 attributes are scored from 0 to 2.

Added together = conservation value score: 0 to 12.

The conservation values, grouped into conservation status categories, are represented by:

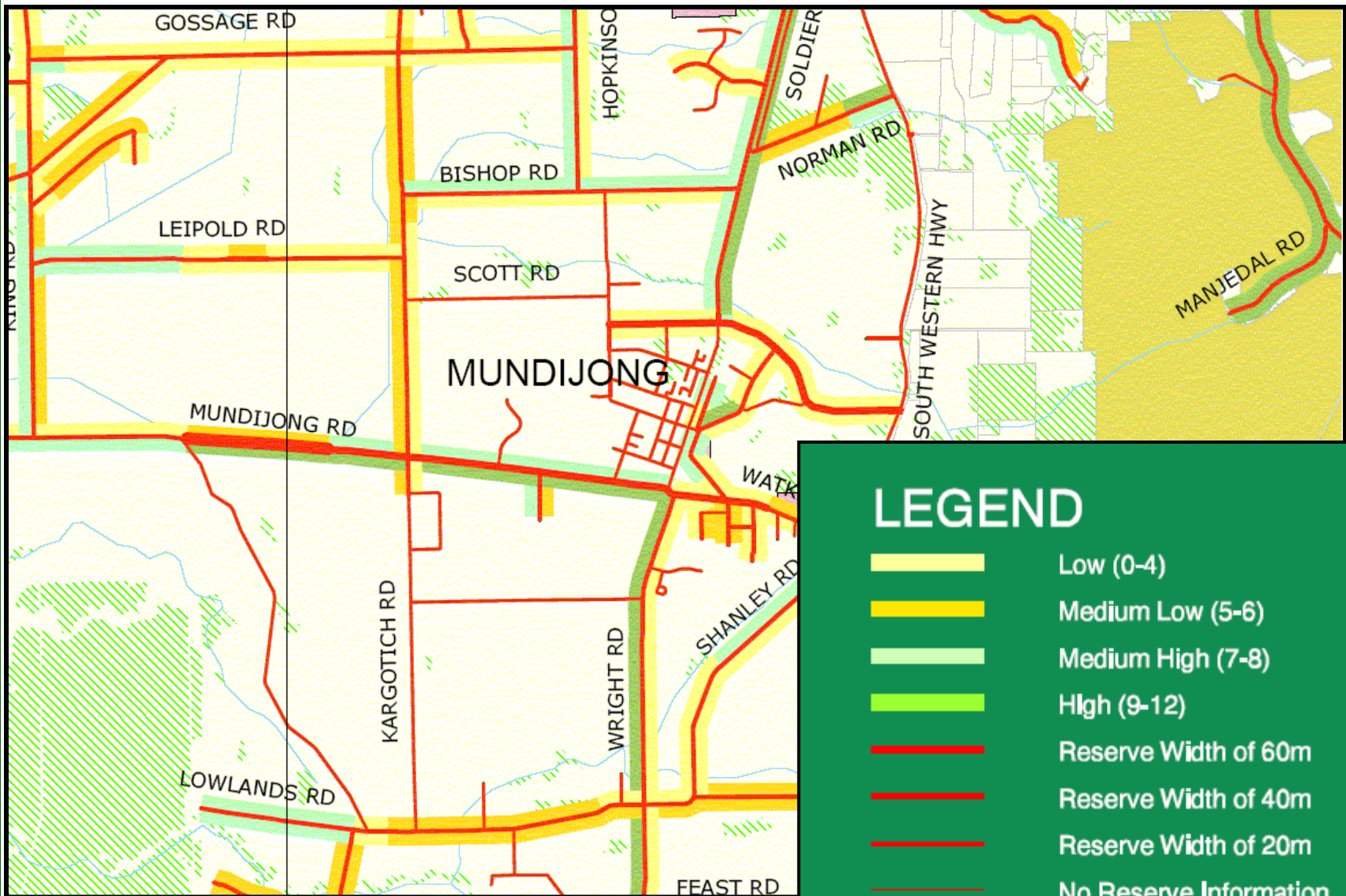
Conservation Status	Score	Colour
High	9-12	Dark Green
Med-high	7-8	Light green
Med-low	5-6	Orange
Low	0-4	Yellow





Using the RCV Map

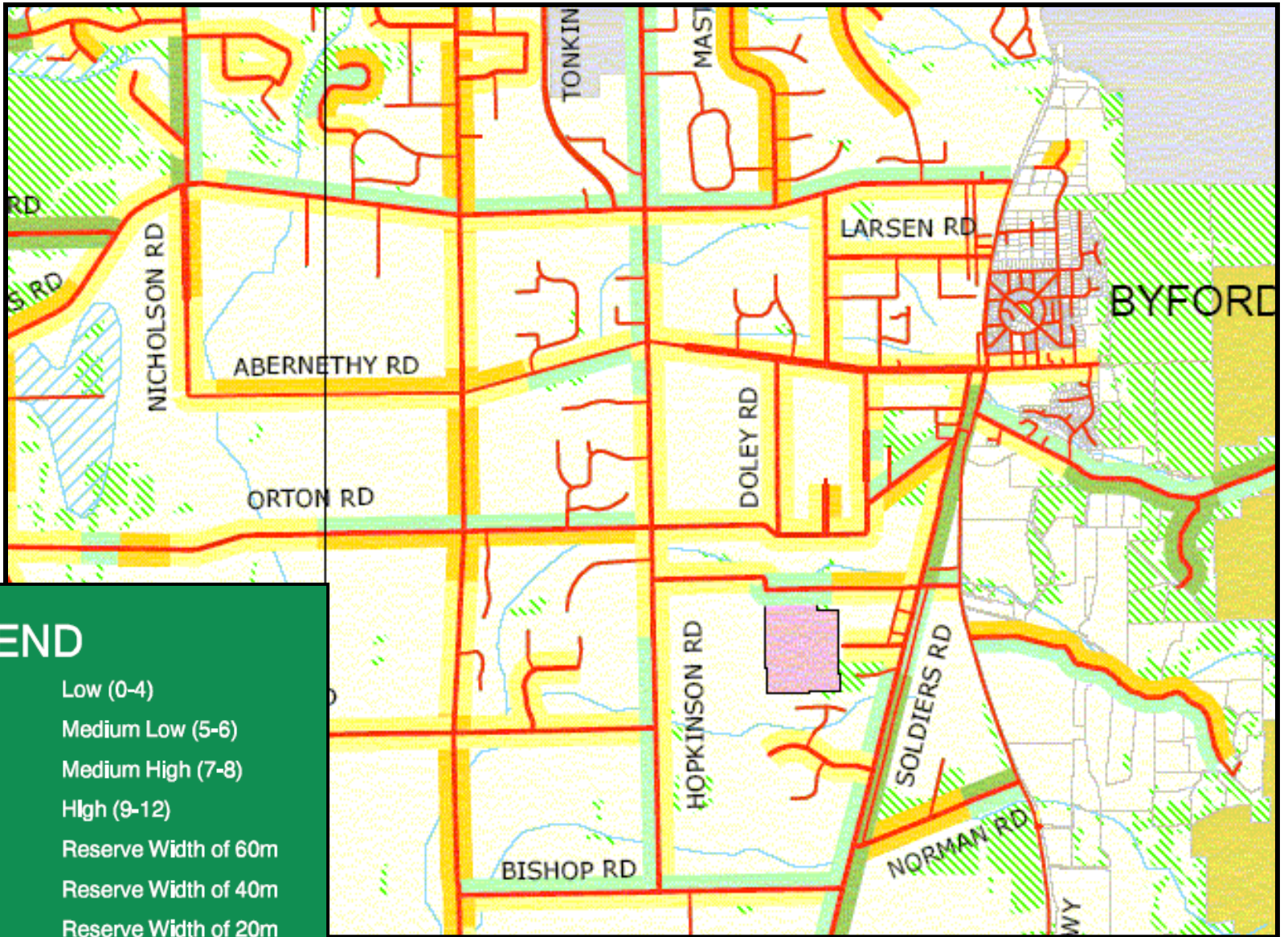




LEGEND

-  Low (0-4)
-  Medium Low (5-6)
-  Medium High (7-8)
-  High (9-12)
-  Reserve Width of 60m
-  Reserve Width of 40m
-  Reserve Width of 20m
-  No Reserve Information
-  Waterbody / Watercourse
-  CALM Estates
-  Remnant Vegetation





LEGEND

-  Low (0-4)
-  Medium Low (5-6)
-  Medium High (7-8)
-  High (9-12)
-  Reserve Width of 60m
-  Reserve Width of 40m
-  Reserve Width of 20m
-  No Reserve Information
-  Waterbody / Watercourse
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RESULTS

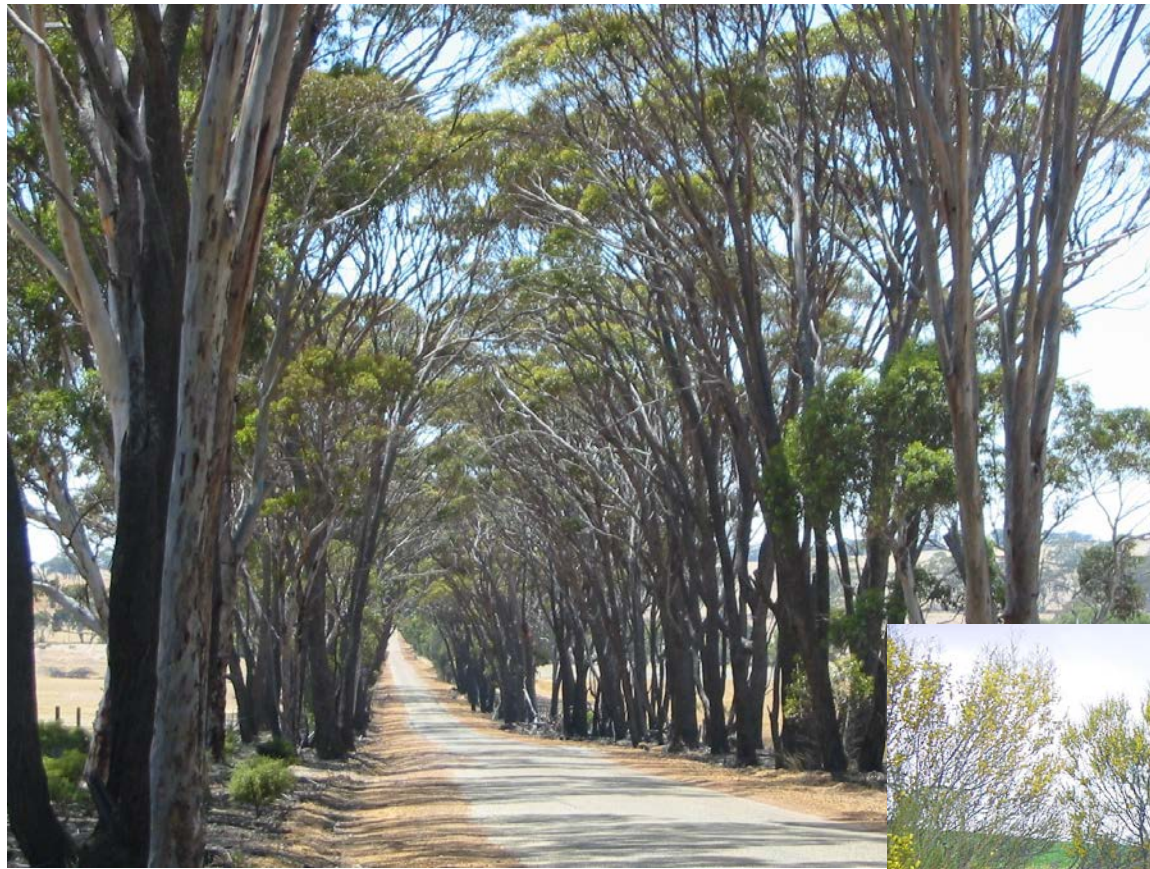


Ok

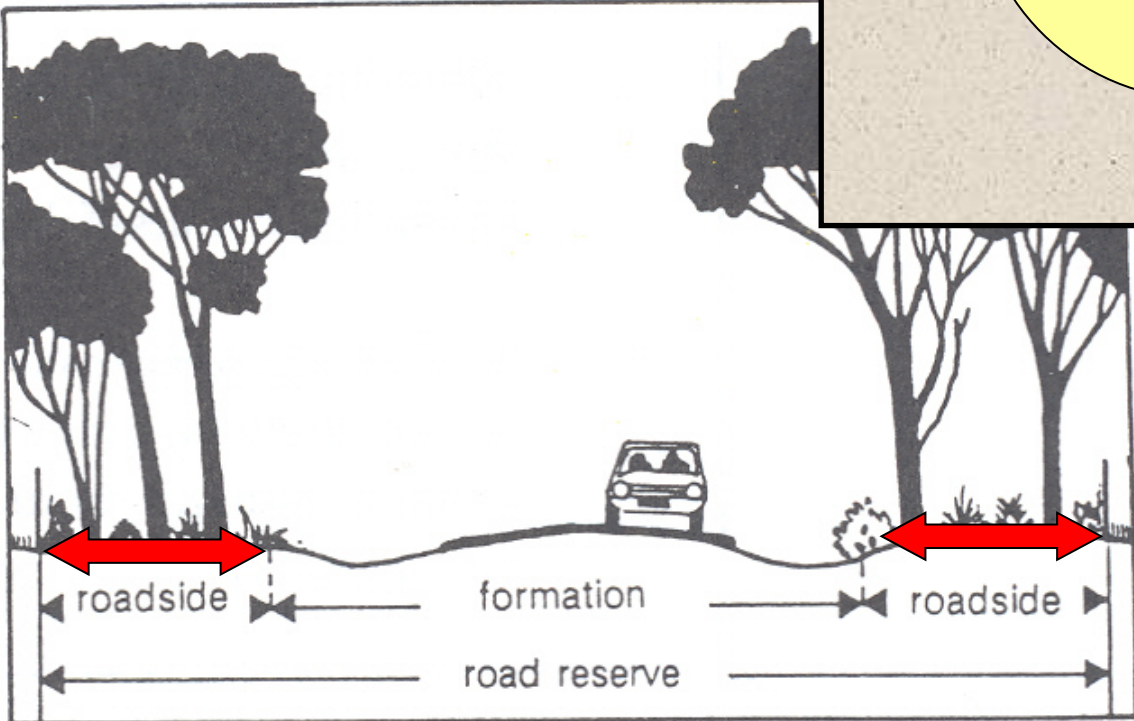
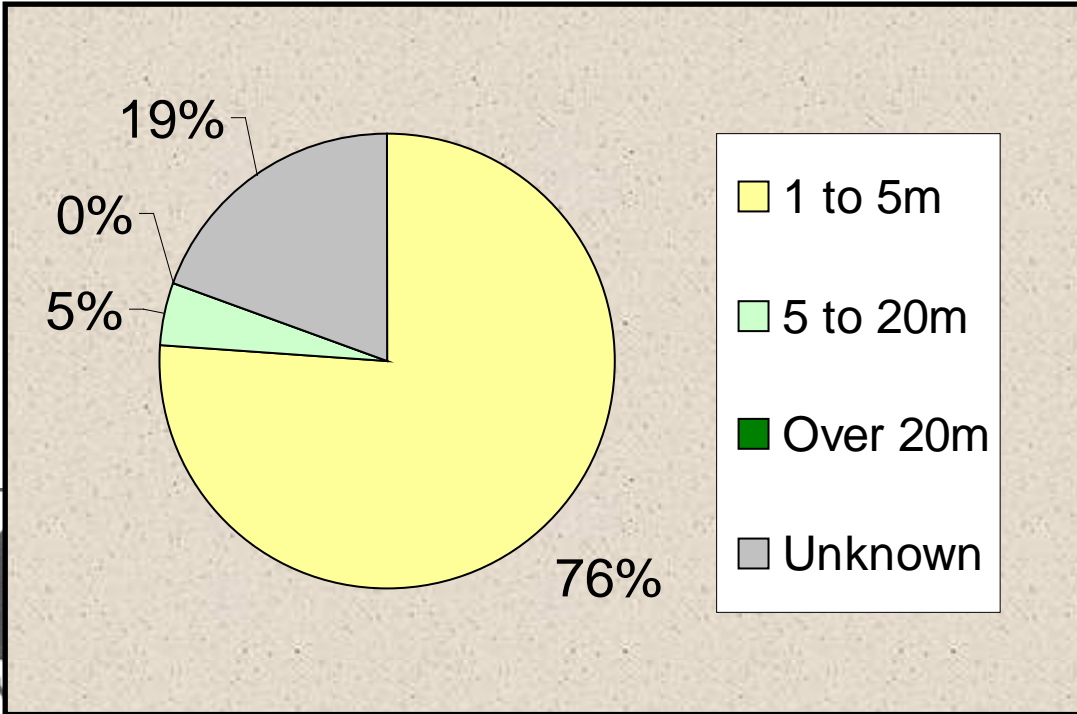
So what did we find?



Width of Vegetated Roadsides



Width of Vegetated Roadsides



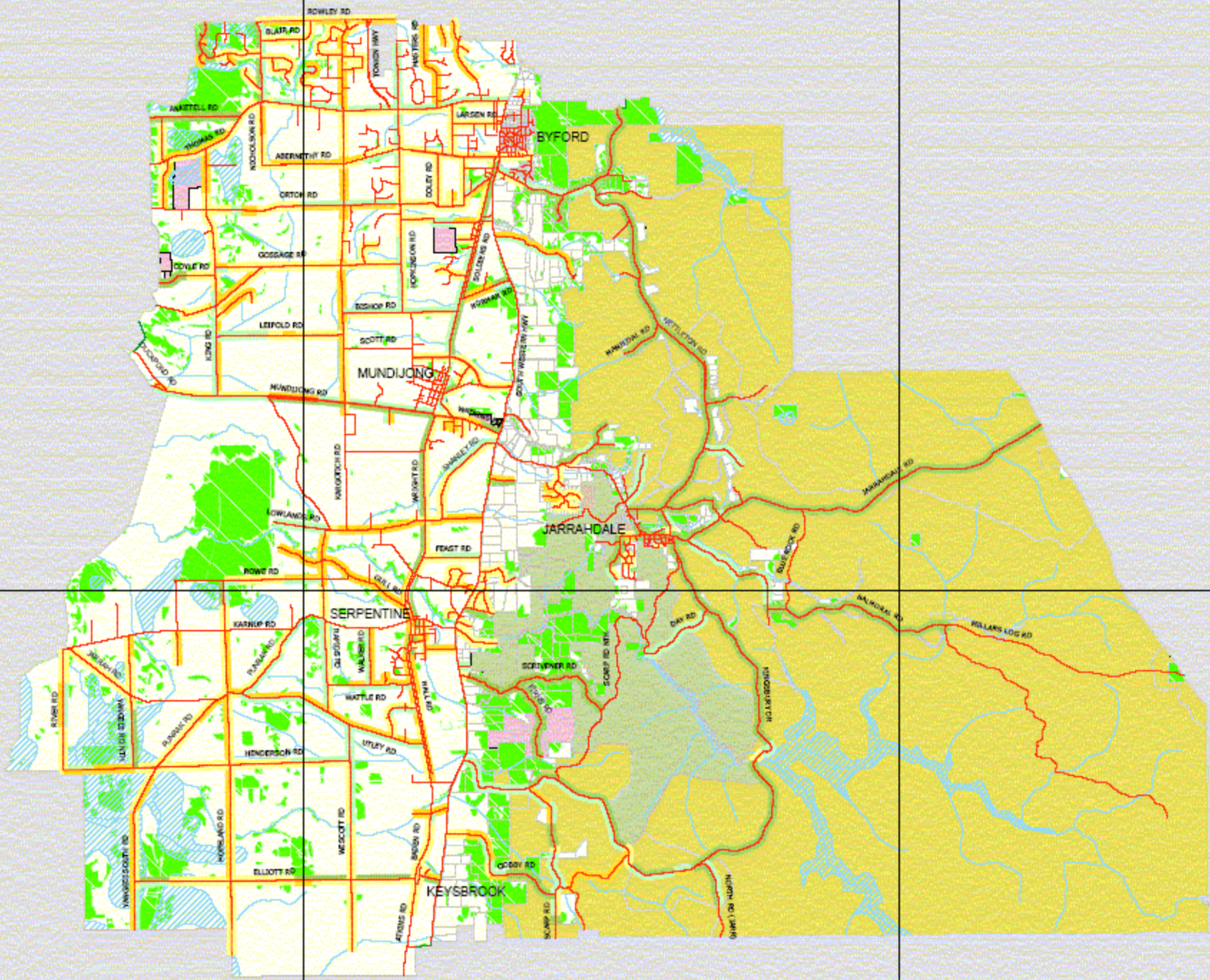
Remnant Vegetation



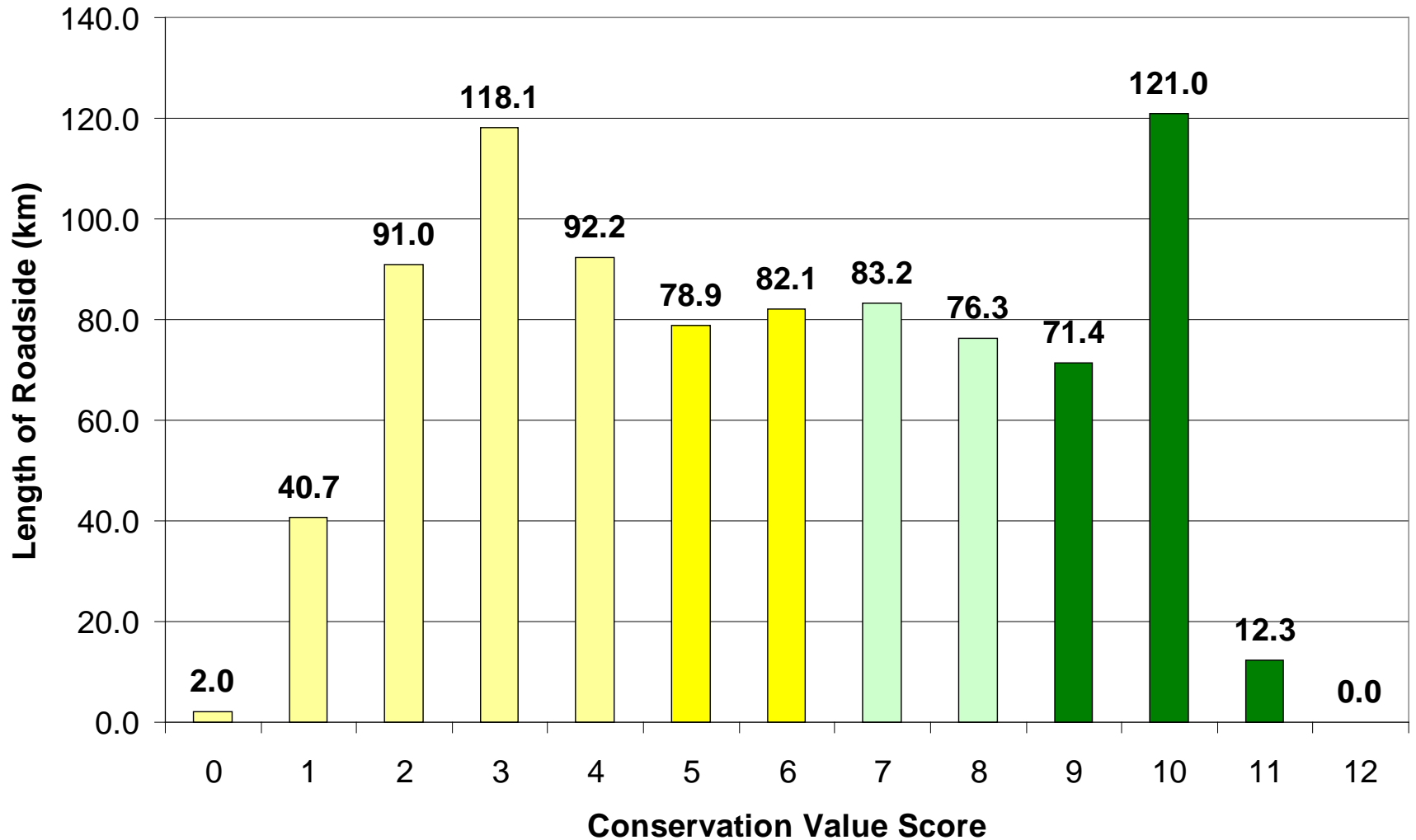
Shire	Total Area (ha)	Vegetation Cover Remaining (%)
Boddington	195,281	70.8
Wandering	188,407	61.3
Serpentine-Jarrahdale	575,537	26.8
Beverley	239,896	31.9
York	214,693	30.8
Northam	141,410	22.1
Toodyay	173,440	50.8
Brookton	161,283	15.6

Vegetation types represented by less than 30% = ecologically endangered
National Objectives and Targets for Biodiversity Conservation 2001-2005 (Environment Australia)





Conservation Value Scores

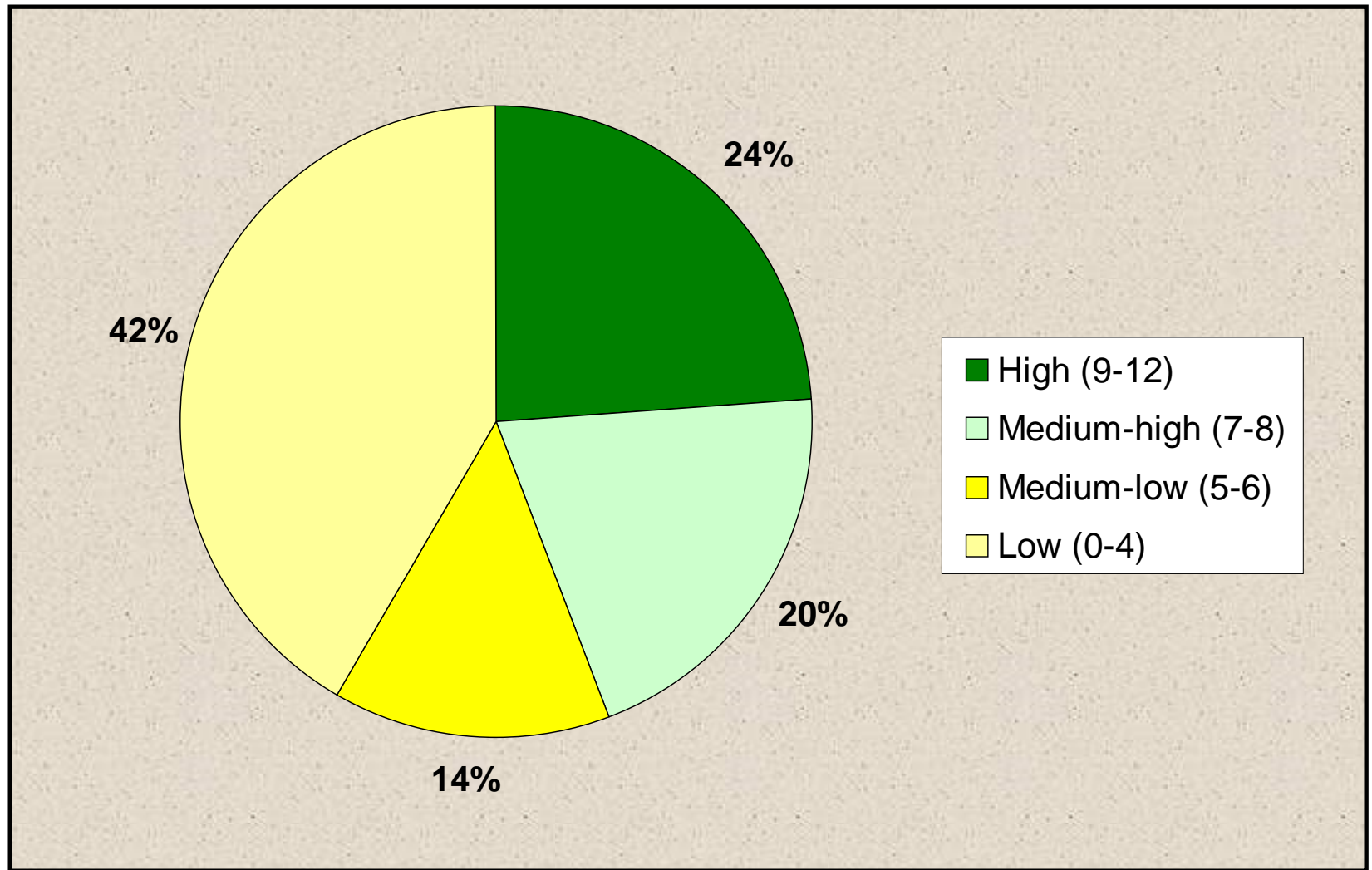


Note: These values combine left & right hand sides.

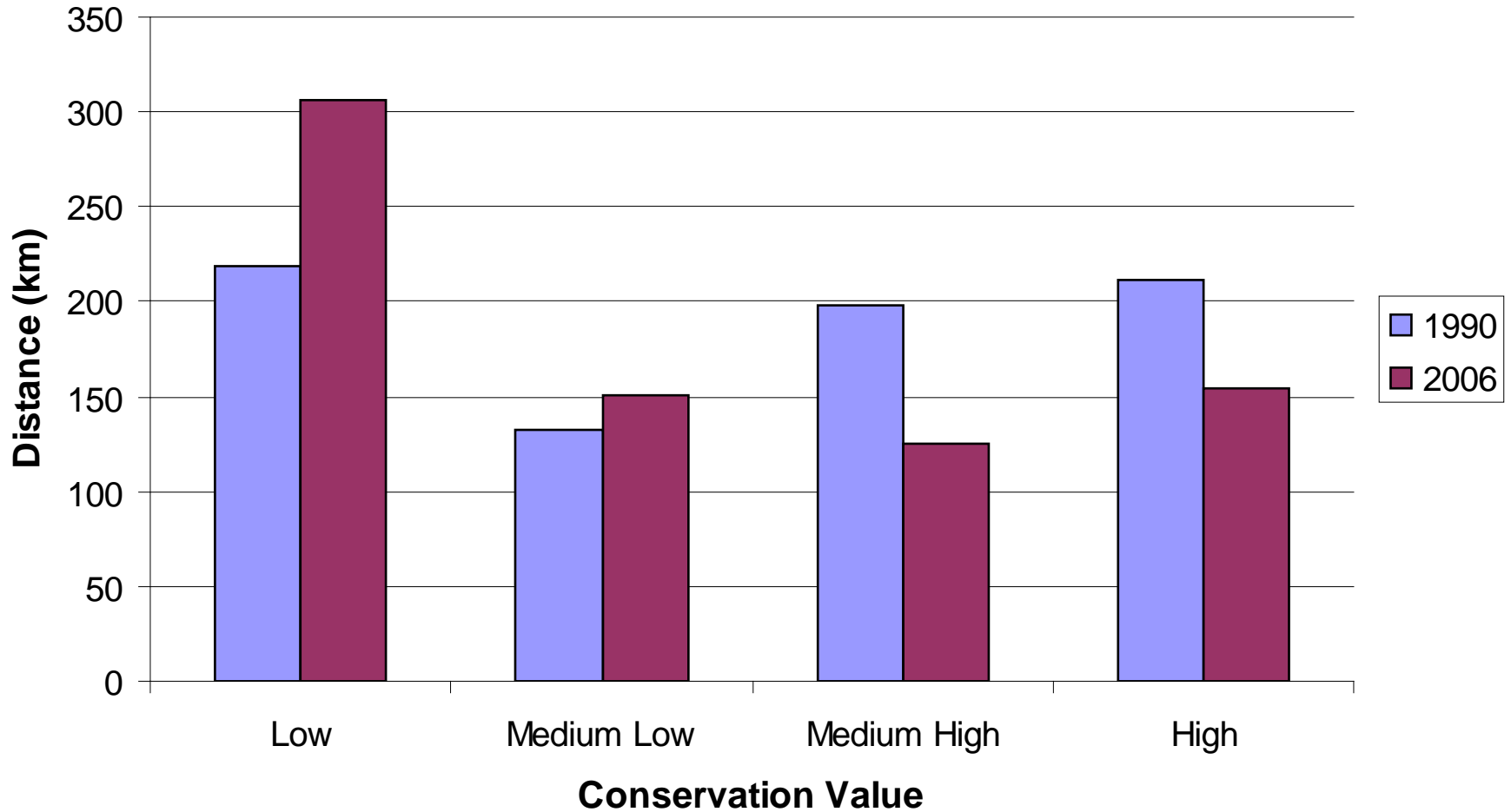
Roadside Conservation Committee



Conservation Status



Comparing data

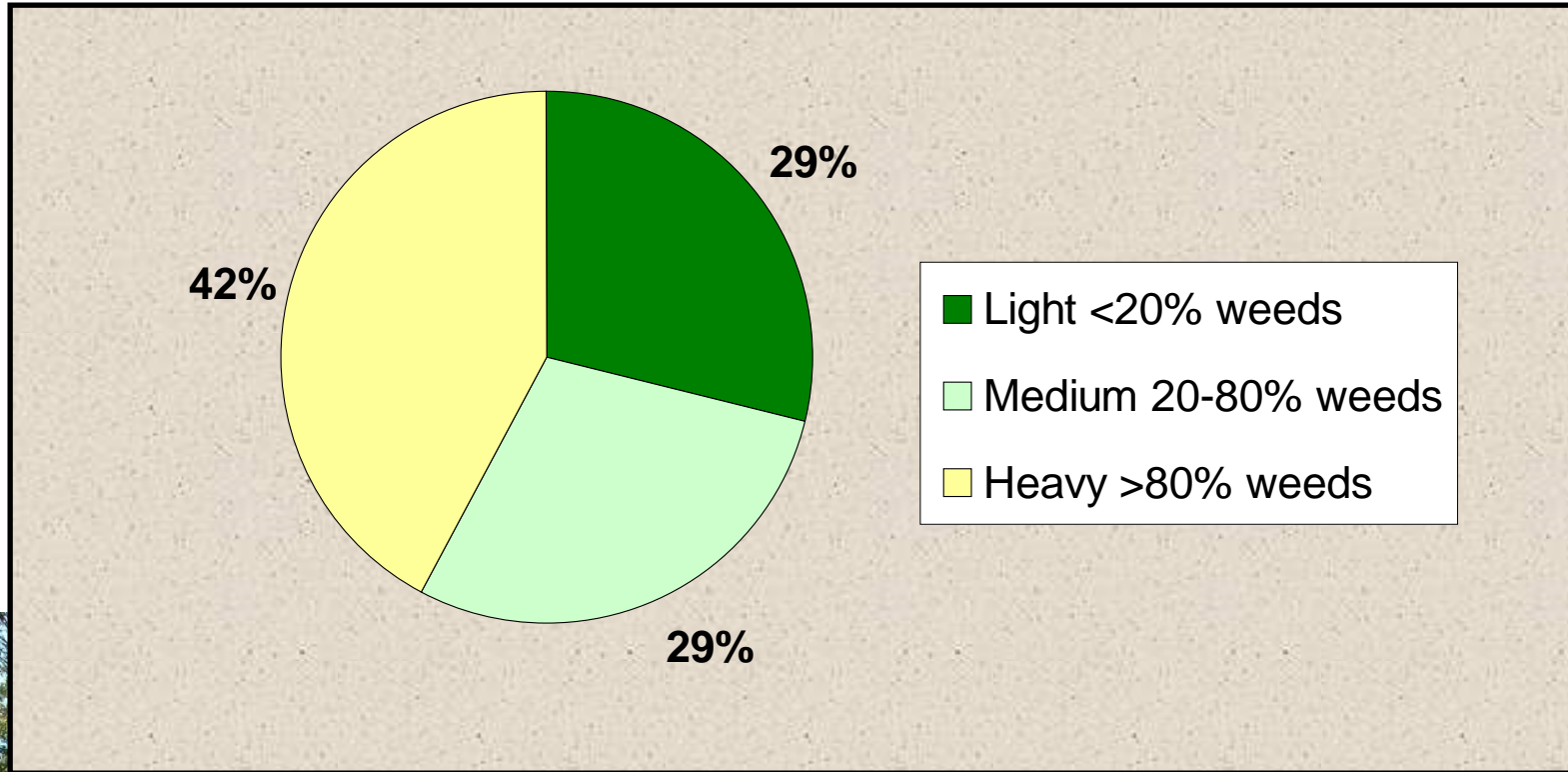


High Value Roads

- Admiralty Road
- Anketell Road
- Balmoral Road
- Barge Drive
- Firms Road
- Jarrahdale Road
- Lyster Road
- Manjedal Road
- Nettleford Road
- Reed Road



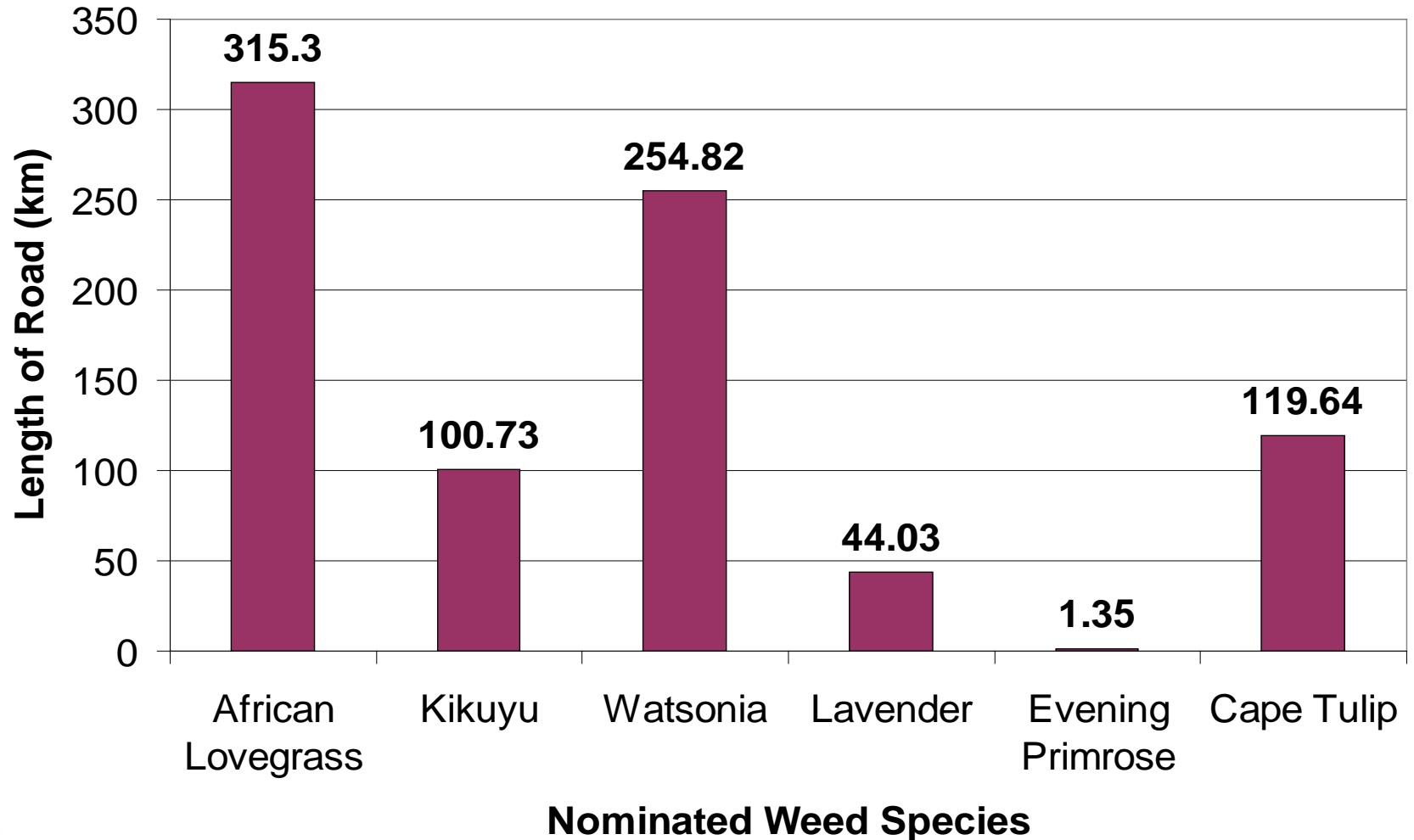
General Weed Presence



Heavy weeds (>80% of total plants)



Nominated Weeds in Roadsides





Management & Planning Tool



- ✓ RCV Map: Digital or hardcopy, GIS capability.
 - ✓ Report: Consult for detailed results, recommendations and practical examples.
-
- Accurate information = informed decisions
 - Landscape level planning
 - Identify priorities for conservation areas





Management & Planning Tool

- Adopt specialised management techniques for different categories of roads

High conservation value roadside:		
Management goal		Maintain, enhance native plant communities
Management guidelines		Minimise disturbance

- Develop a *Roadside Register* (roads important for conservation)



Management & Planning Tool

- Weed strategy & priority
- Road works
- Funding applications
- Incorporate into Landcare and NRM projects
- Wildlife corridors
- Tourism (Flora Roads)
- Revegetation



Sustainability of Roadside Values

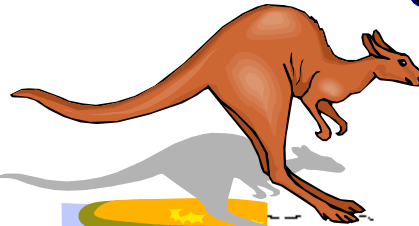
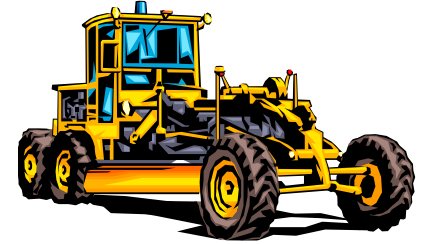


The future of roadside values depends on the current management practices.

It is crucial that the road reserves are managed in a manner that is sensitive to the values present.



Good management requires that all issues are considered and balanced.



Contacting the RCC

For further information please contact:

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Roadside Conservation Committee

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