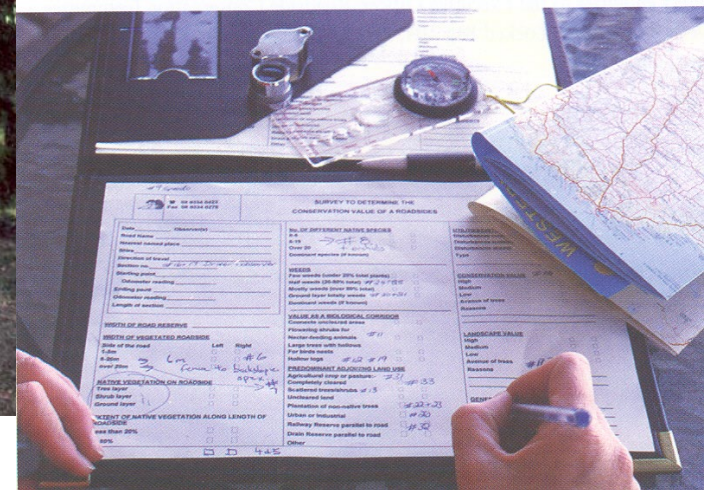


Roadside Vegetation Survey in Nannup



Roadside Conservation Committee

Roadside Surveys...



Determining conservation status.

Snap-shot study.

Aim: assess the conservation values of roadside remnants in Nannup.

- ✓ Surveys: October 2001, May-June 2002, May-November 2003.
- ✓ 554 km of Nannup's roads surveyed.
- ✓ Assessed by the RCC and maps produced via a Geographic Information System (GIS).



Roadside Surveys...



The roadside surveyors were:

Julia Boniface, Merryn Delaney,
Gwen Goodfred, Kate Jackson.



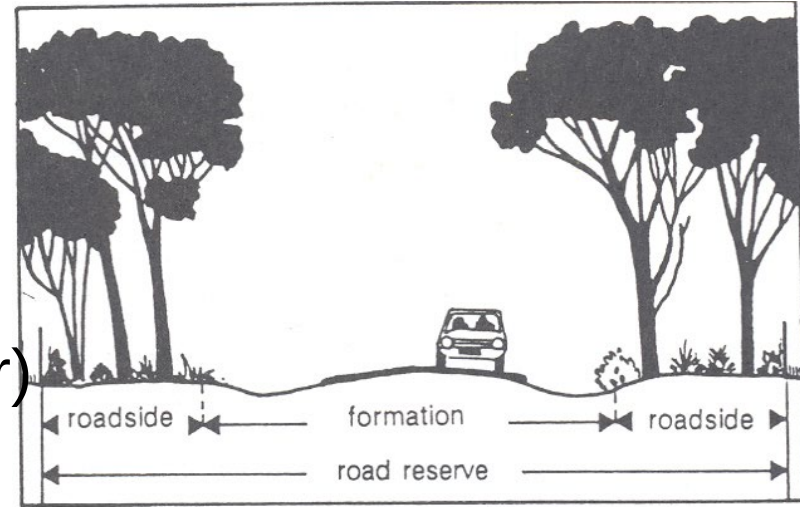
Resources provided by
Shire of Nannup,
Blackwood Basin Group
& RCC.



Roadside Conservation Committee

Roadside Attributes

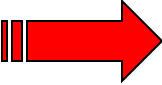
- Width of road reserve
- Width of vegetation
- 6 nominated weeds
- Utilities/services (water, power)



- 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 scored from 0 to 2.

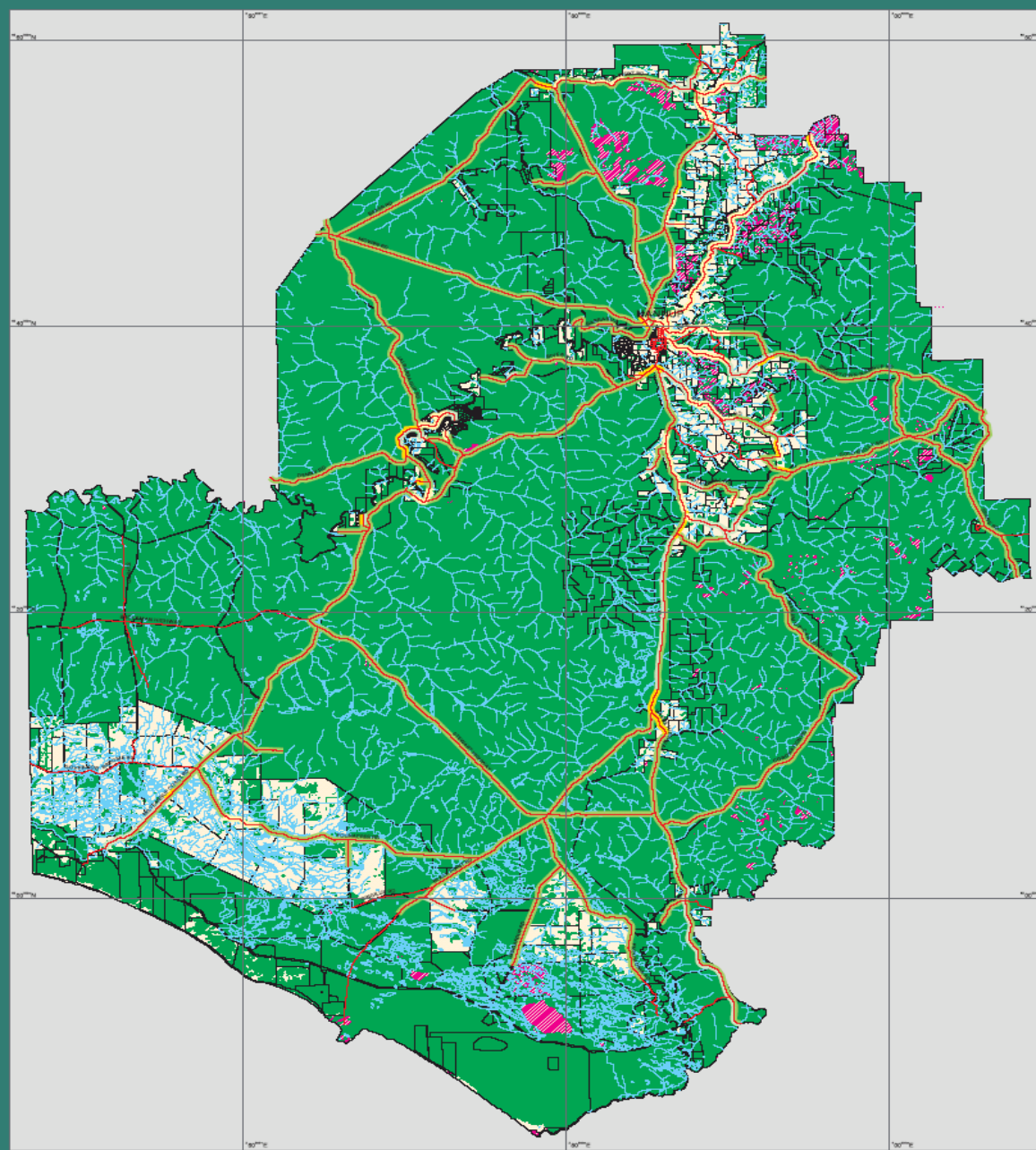
Added together  conservation value score: 0 – 12.

The conservation values, grouped into 4 categories, 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



The Result: Map of Roadside Conservation Values



SHIRE OF NANNUP
Roadside Conservation Value
January 2004



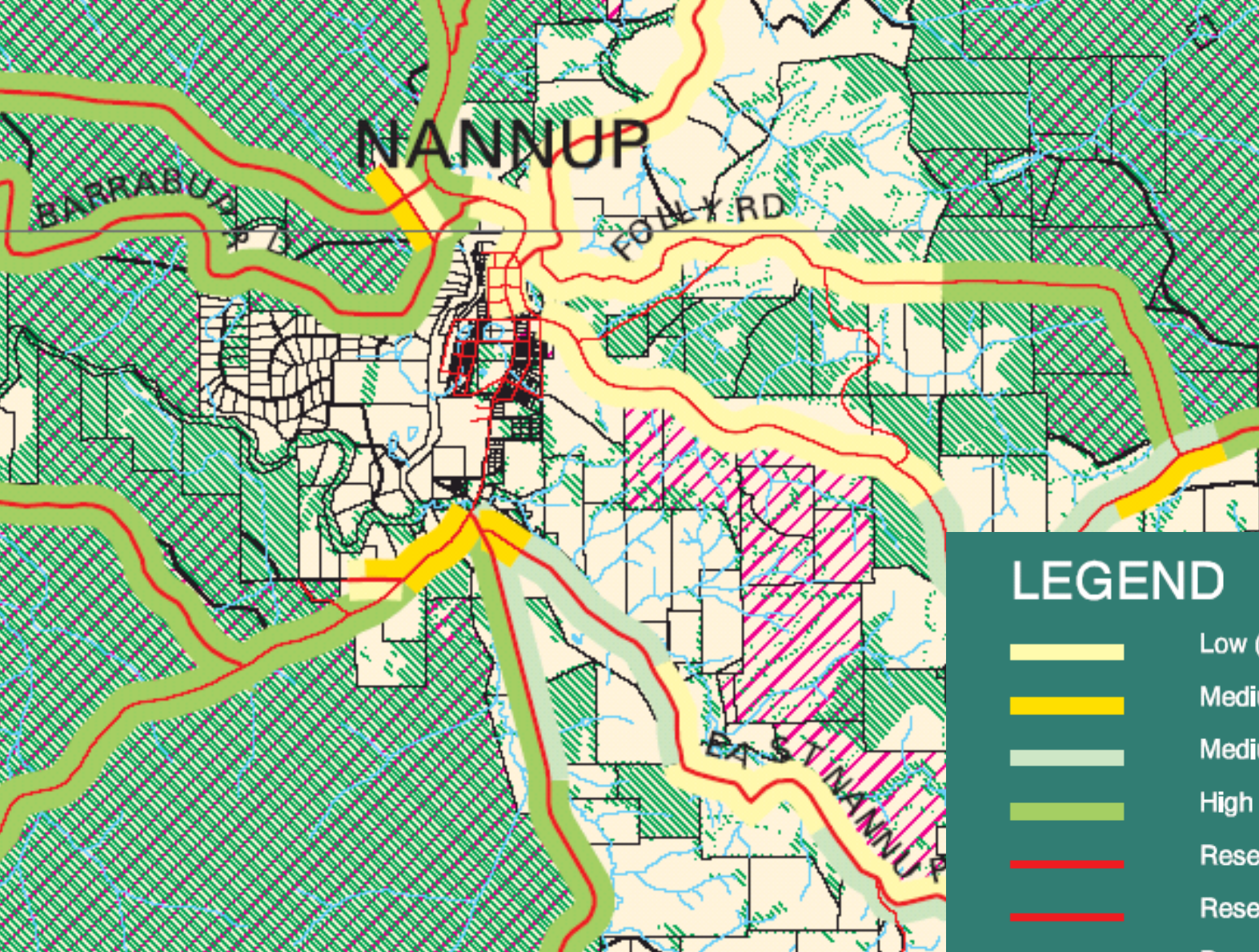
SOURCES OF DATA

RAVING	ravaging.com/england/roads/roads-a-z.htm
WYTH	www.wyth.co.uk/
WILKINS	www.wilkins.co.uk/
WYTH	www.wyth.co.uk/

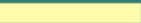
NOTICE: 1947-54 www.britain-at-war.com



National Trust www.nationaltrust.org.uk/



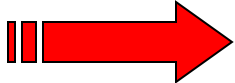
LEGEND

-  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
-  CALM Estates
-  Remnant Vegetation



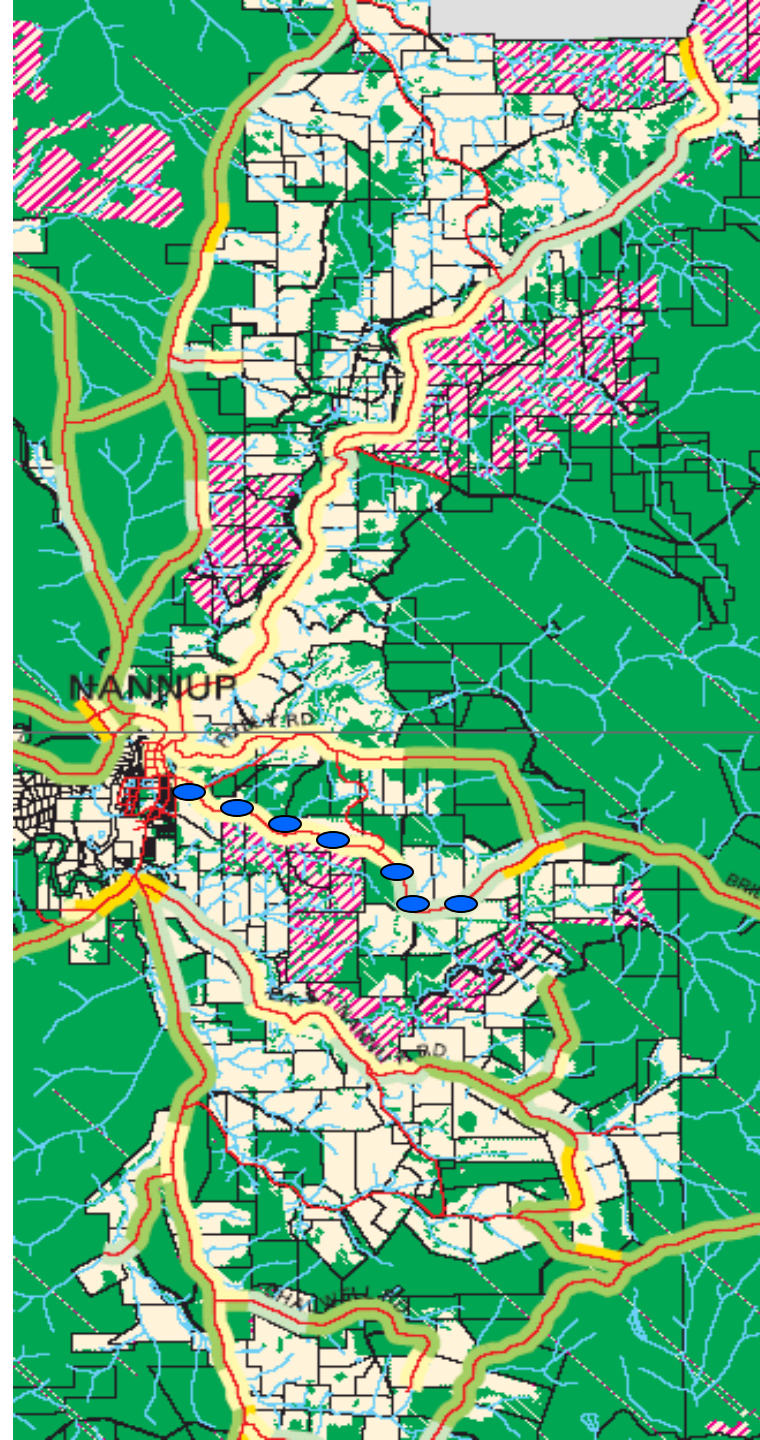
Roadside Conservation Committee

What does the Map show?

Roadside conservation values
 Vegetation condition.

Presence of six nominated weeds, e.g.

- Bridal Creeper



RESULTS

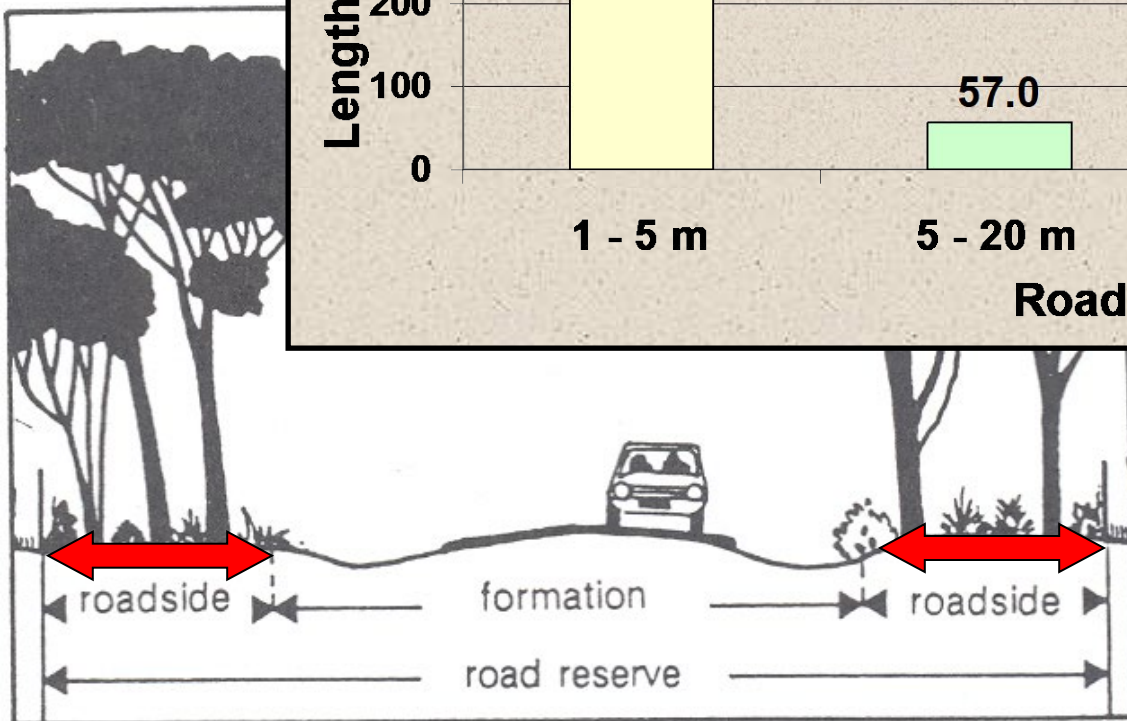
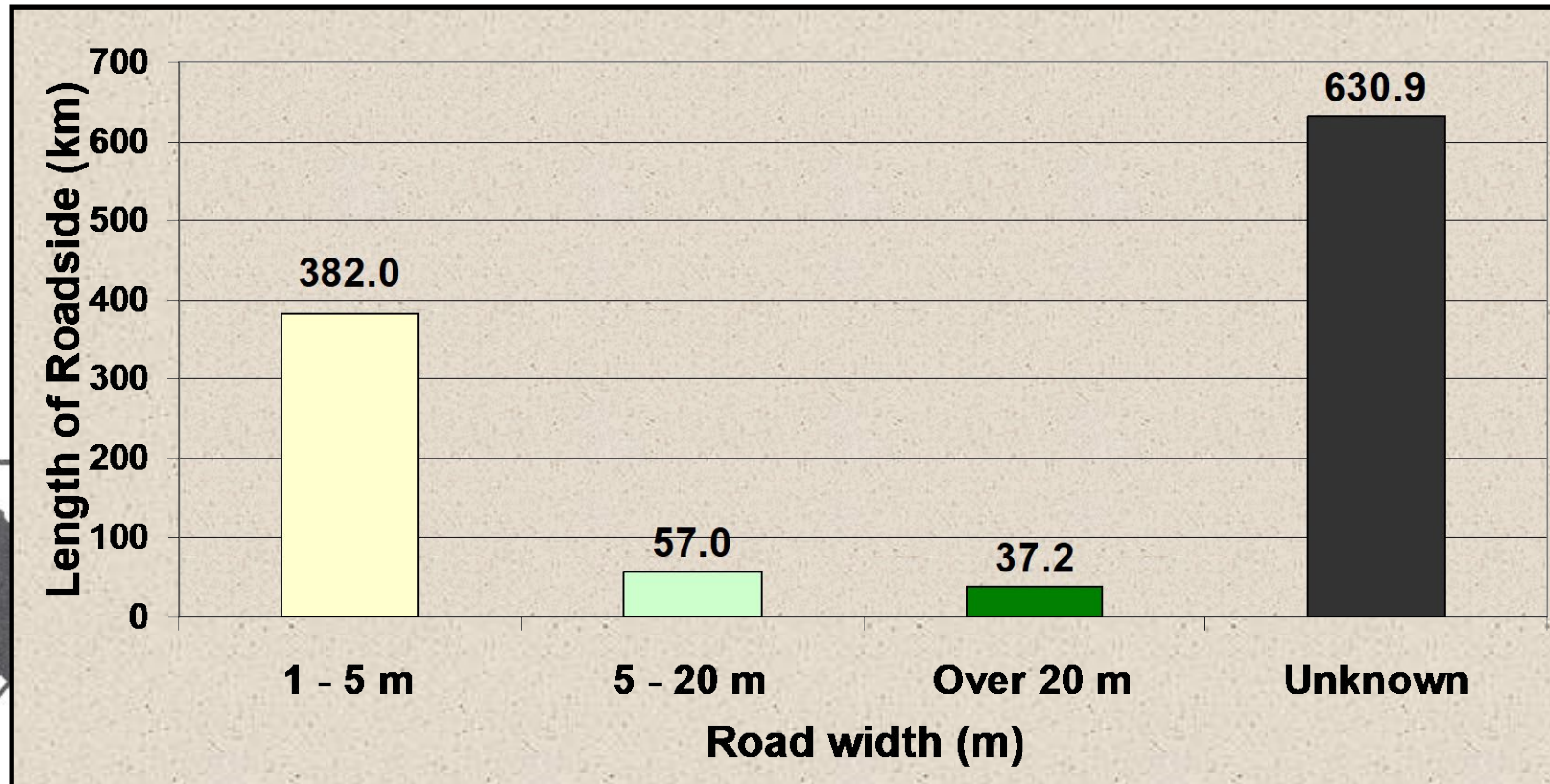


Ok

So what did the
survey find?



Width of Vegetated Roadside



Note: These values combine left & right sides of the road.

Width of Vegetated Roadside



Remnant Vegetation

Nannup retains 94%

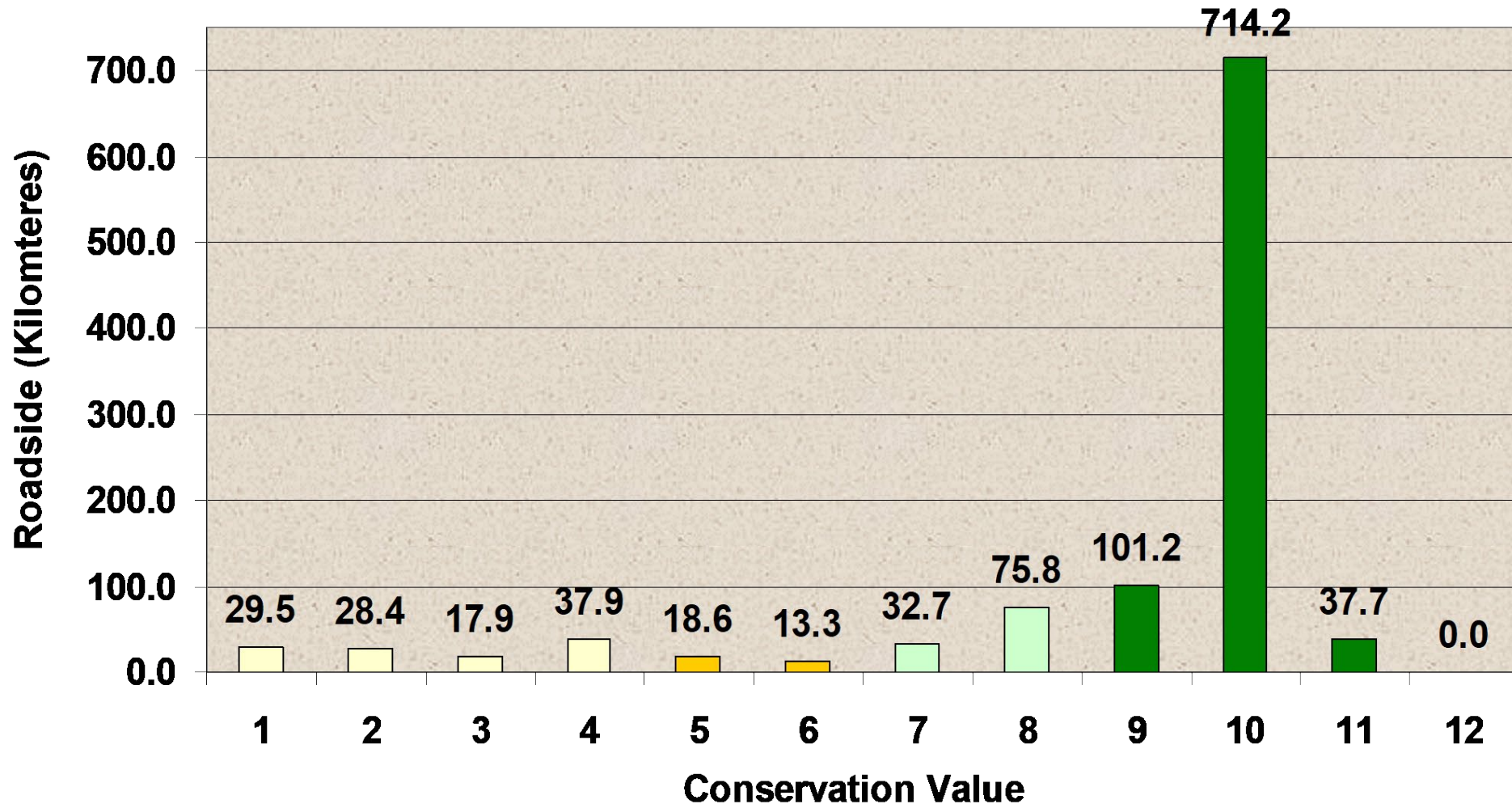
As well as '%', look at type of vegetation remaining.

Some vegetation types have been cleared more heavily.

- 21 vegetation types in Nannup (Beard's vegetation mapping);
- 2 vegetation types have very little left state-wide;
 - Medium woodland, Jarrah & Marri (4.7%)
 - Medium woodland, Marri (11.8%)



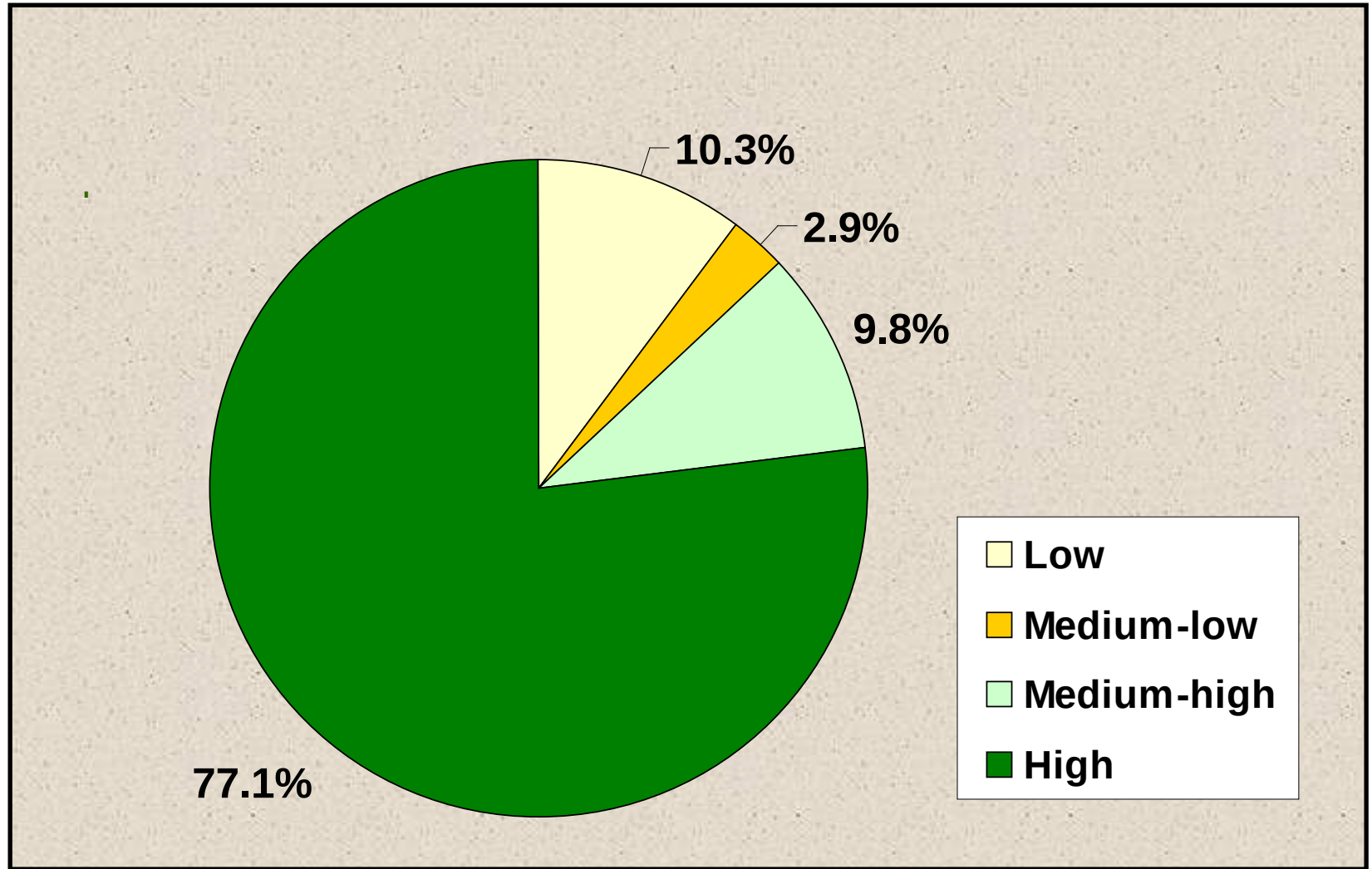
Conservation Value Scores



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Note: These values combine left & right sides of the road.

Conservation Status



High Value Roads...



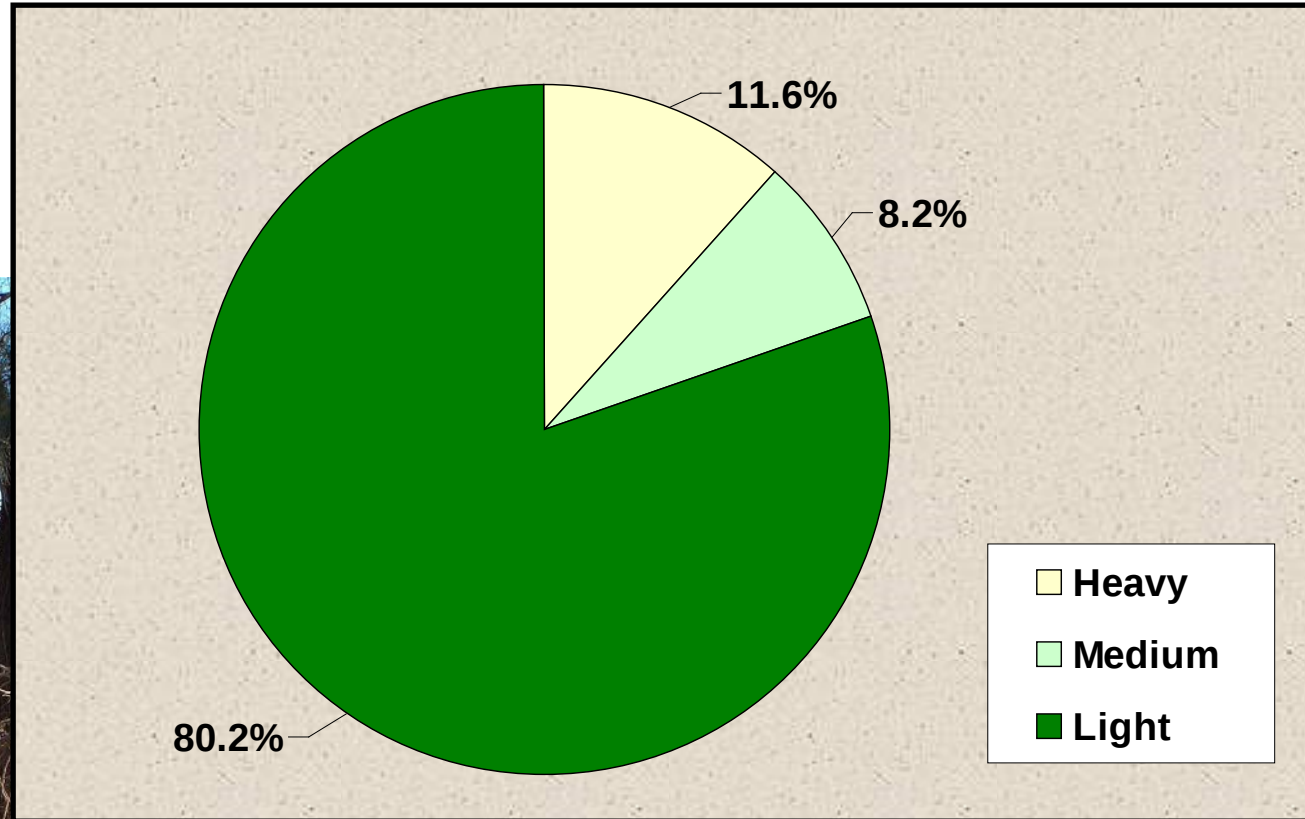
Approximately **50** roads. Listed in the report...

Local-Government managed roads:

- ✓ Register of roads important for conservation;
- ✓ Flora Roads;
- ✓ Tourist Drives;
- ✓ Priority weed control;
- ✓ Long-term vegetation management strategies.

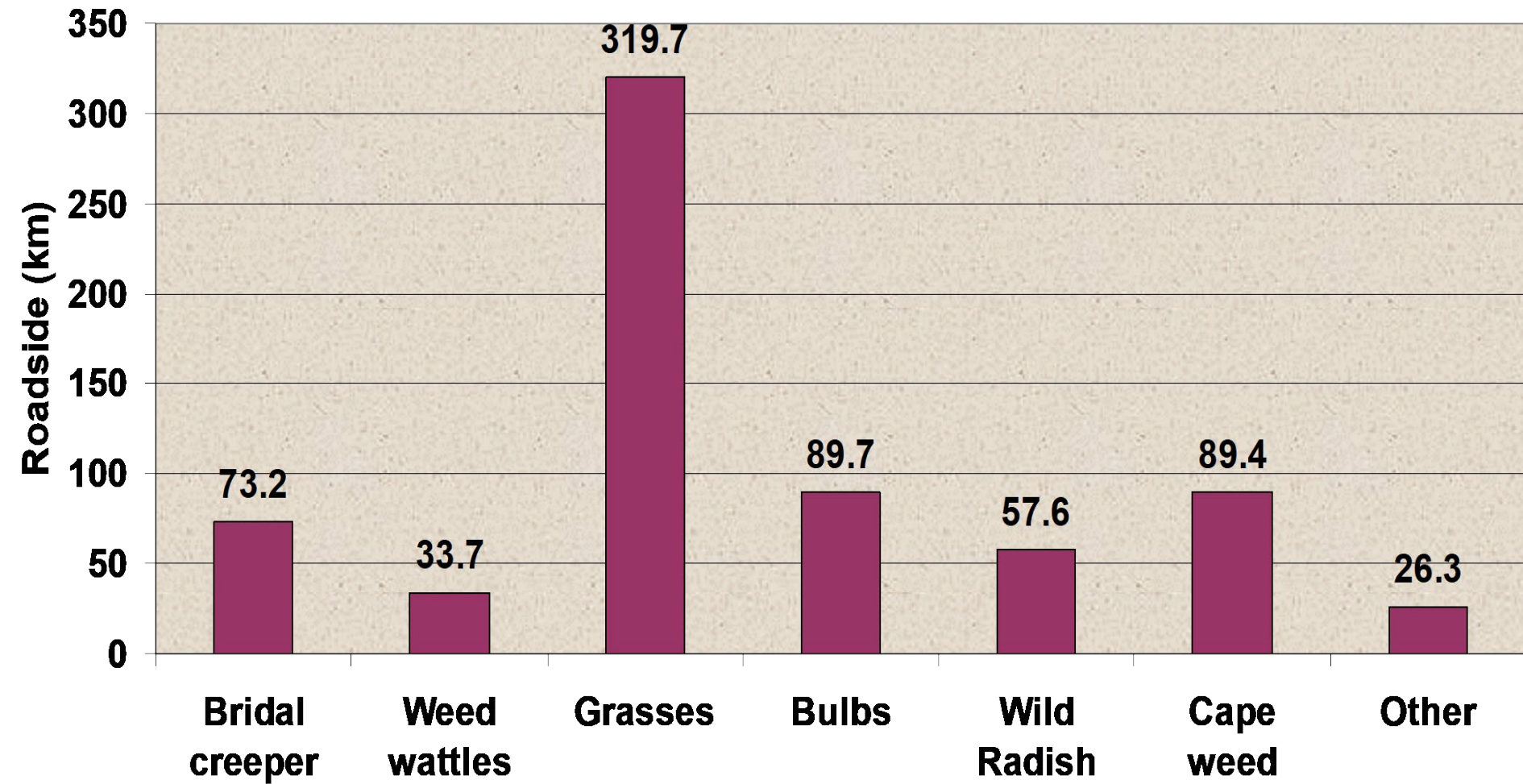


General Weed Presence



Heavy weeds (>80% of total plants)

Nominated Weeds



Other information...



Declared Rare Flora (DRF):

- 19 roadside populations of DRF & Priority Species;
- 12 sites vested in the Shire of Nannup;

For information on DRF: CALM Blackwood District Office or Wildlife Branch.

RCC Report: Legislation, Weeds, Dieback, Special Env't Area's (SEA's), Flora Roads, More Results, Management Recommendations & Techniques...



Applications: Local Govt.

- Provide information on roadside values= informed decision making
- Roadside Management strategies
- Landscape level planning
- Identify sensitive areas; important for roadworks and maintenance activities



Applications...

- *Weed strategy & priority,
- *Road works,
- *Funding applications (NRM)
- *Incorporate into Landcare/
other NRM projects.
- *Wildlife corridors,
- *Tourism (Flora roads),
- *Revegetation,



Example: Management 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*:

- Combine Road Hierarchy & Conservation values
- Roads important for conservation



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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E-mail: katej@calm.wa.gov.au



Roadside Conservation Committee