

## JLM SURVEY 1992

Report by

T.Burbidge

### Briefing Session

An hour long briefing session was held at Swan Region Office, Kelmscott on the 5 October 1992. Jarrahdale, Hills Forest and Wanneroo all sent personnel to this. Dwellingup did not send a person. I explained to all personnel present what was required of them and proformas and maps were handed out .

### Jarrahdale

One person surveyed the whole area and sent in 54 reports out of a total of 54 that Jarrahdale District were asked to do. Every report had a leaf attached but 3 reports had a Marri leaf attached instead of a Jarrah leaf. This gave a 100% return which is an excellent result. This result was very pleasing. Thankyou for such a high standard of reporting.

### Hills Forest

5 people surveyed this area and sent in 90 reports out of a total of 105 that Hills Forest were asked to do. 21 reports were sent in without leaves attached and these could not be checked before the map was made up. This gave a 85.7% result which was an improvement on the 1991 result and was partly due to some areas being done this year that were not done in 1991. Well done Hills Forest.

### Dwellingup

4 people from the district plus Allan Wills and myself surveyed this area. A total of 75 reports were sent in out of a total 82 that Dwellingup District was asked to do. 5 reports were sent in without leaves attached and these could not be checked before the map was made up. This gave a 91.5% result which was slightly down on the 1991 result due to the logging operations being done in the north-east blocks where the North Dandalup dam is being constructed. This operation stopped people doing the survey before the close of 1992.

## Summary

Overall a better result than 1991, although there are still too many reports with no leaves attached. Because of the logging operations in the Dwellingup District their southern section was surveyed by Allan Wills and myself. Apart from the Hills Forest District who did this survey in November and early December, districts tended to do this survey in January and even in February. Dwellingup had to be finished in March, which makes field interpretation unnecessarily difficult.

## Recommendation

Jarraah leaves do not abscise before they are 2 years old, unless they are affected by fungus, viral disease or leaf mining insects. If they are affected with any of the aforementioned problems or with all three they will abscise early, i.e. in November or December of their first year rather than stay on the tree one more year. Jarraah Leafminer (JLM) affected leaves will generally abscise in November or December in their first year of growth, therefore, if the survey is done soon after the briefing session in September then JLM will be readily picked up by the person doing the surveying.

I recommend that future surveys be done by the districts no later than the end of November of that year so that if JLM is present it will be seen easily. I realise that this is not easy for the district staff as this is prime spring burning time, and staff will most likely be busy doing this. However, this timeframe will give a more accurate picture of what is happening in the forest in regard to JLM, especially near the cut-out boundary.

I have enclosed for your interest a copy of the results of the 1992 survey. Compared to 1991 the area of infestation does not appear to have grown any larger. I look forward to your participation in the 1993 survey and will contact you in September.

## **DISTRIBUTION:**

Dr I Abbott - Science Adviser, Crawley  
Ms D Allen - Jarrahdale District Manager  
Mr J Bradshaw - Manjimup Regional Office  
Mr P Burton - Dwellingup District Office  
Mr N Burrows - Como Research. S.I.D.  
Mr J Carter - Hills Forest District Office  
Mr P Keppel - Hills Forest District Manager  
Mr K Low - Dwellingup District Manager  
Mr P Moore - Collie District Manager  
Mr O Donovan - Jarrahdale District Office  
Mr A Walker - Regional Manager, Swan Region

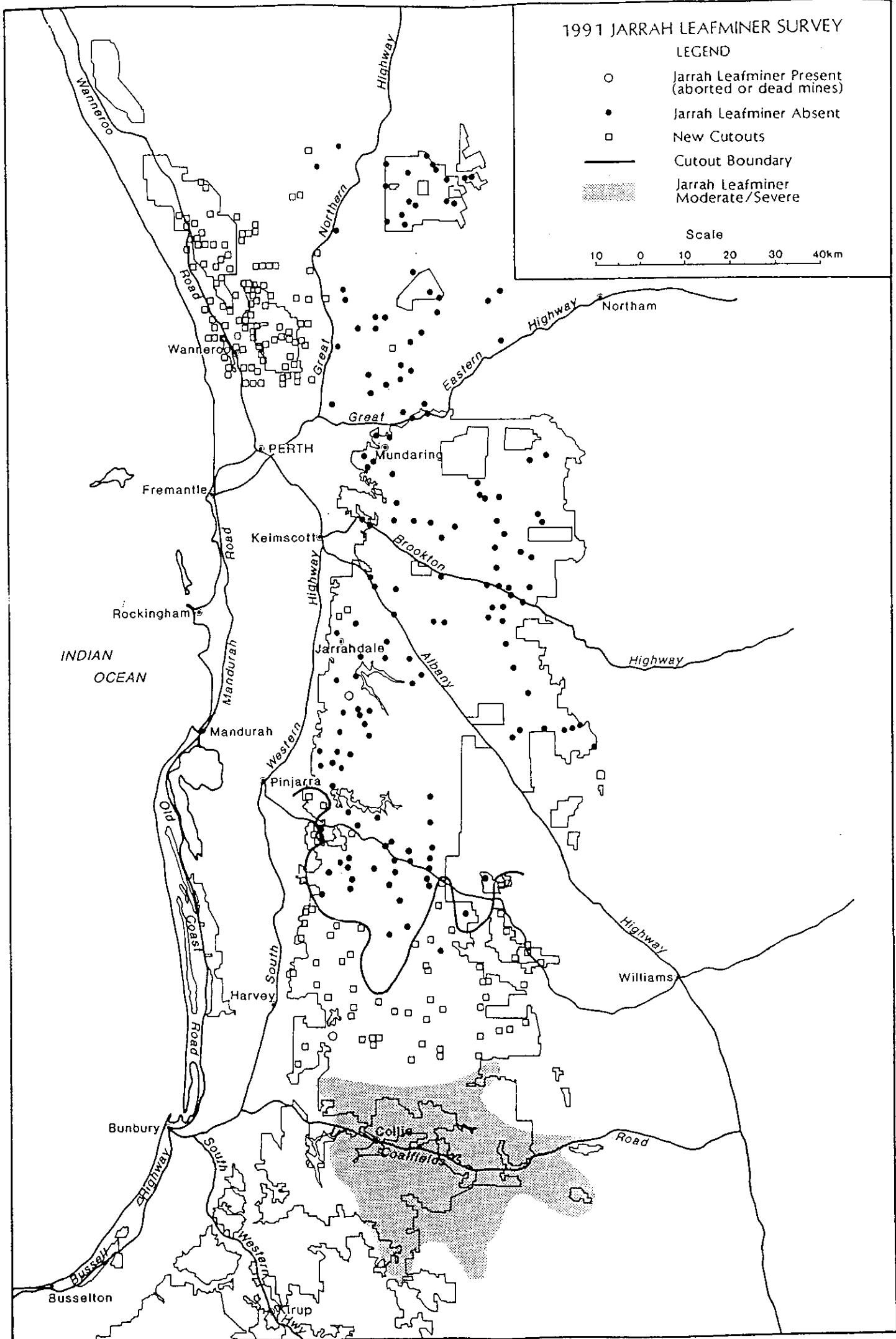
1991 JARRAH LEAFMINER SURVEY

LEGEND

- Jarrah Leafminer Present (aborted or dead mines)
- Jarrah Leafminer Absent
- New Cutouts
- Cutout Boundary
- ▨ Jarrah Leafminer Moderate/Severe

Scale

10 0 10 20 30 40km



# 1992 JARRAH LEAFMINER SURVEY

## LEGEND

○ JARRAH LEAFMINER PRESENT  
(ABORTED OR DEAD MINES)

● JARRAH LEAFMINER ABSENT

□ NEW CUTOUTS

— CUTOUT BOUNDARY

▨ MODERATE/SEVERE JARRAH LEAFMINER DAMAGE

