

Brush-tailed Phascogale (Phascogale tapoatafa)

Walpole-Nornalup National Park Coastal PRFPA: Dune Survey:

A survey will be carried out in this area mid-October 1986. The survey team will include officers from Manjimup, Walpole and Busselton. * * * * *

Winter Bird Count-Gray Block: the field work has been

completed and the data is currently being punched.

* * * * *

Warren Rat Study

- Habitat Measures:

field work is complete! except. for ittributes). The data collected needs now inalysis.

* * * * *

Heartleaf:

Regeneration techniques re still being studied. ssessment o f otential for Goonac MPA o harbour Tammars eing carried out in onjunction with the ollie district.

1 1 1 1 1

Line

These almost complete. Max Churchward (CSIRO) will be in the field for a week to check field validity of the plan in conjunction with Ecology Research.

* * * * *

Perup Pitfall Trapping and Searching:

This will be carried out as part of the long term fire effects studies set out by Fire Research. will be working with Gordon closely Friend on this project.

* * * * *

BIOMETRICS

Pete " Ish, Yvonne Woods

Data entry:

The Walpole Bird Survey Autumn '86 has been entered onto the Perkin Elmer, as has the Gray Bird Survey Summer '86

* * * * *

Programming:

Pete Walsh has completed the Equipment Register and information from the existing stock cards is being entered.

* * * * *

Data analysis:

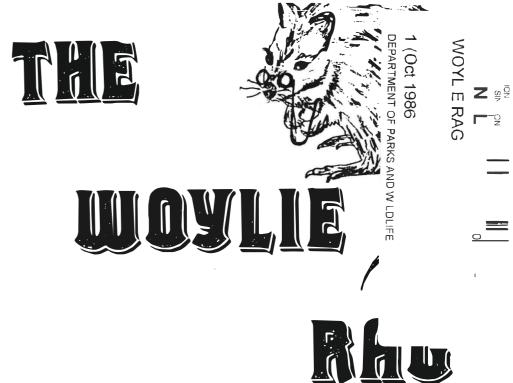
South Coast Pinus Radiata data analysis has been completed for Gavin Ellis. involved the calculation of pine productivity for various site types and rainfall zones. * * * * *

Training:

The training manuals "Introduction to Microcomputing" and "MS-DOS Operating System" have been completed and will be used in the training sessions commencing in October 1986.

* * * * *





Introducing Wally the Woylie - bringing you the facts as they happen at Manjimup This issue outlines work Research. progress for the month of September. '

to bring you a quarterly edition to keep everyone informed about findings and general research work progress.

OCT. '86

"Jarrah Forest" book: Burrows. 'cCaw, is compiling 2 hapters for this book. * * * * *

Fine in Eradication-Nannup: onjunction with Lachie Post-burn assessment has shown that low intensity fire is effective in killing small plants ((3cm dbhob). Larger trees need a "hotter" fire which results in unacceptable bole damage to the crop trees.

Wilding Wanneroo Wildfire #22: This fire is being examined from a fire behaviour and fuels angle. The performance of the "Red Book" under fire in Banksia Woodland fuel is being assessed in an effort to understand fuel accumulation rates. * * * * *



KARRI FIRE RESEARCH Lachie McCaw, John Neal, Bob Smith

"Jarrah Forest" book: recovery of forest the management.

* * * * *

Logging should be soon, which will be followed by Tree Recovery further utilisation of Regeneration material down to 10cm Establishment: diameter.

4 1 1 1 1



Borer hood Lachie McCaw has been Regenerated Karri Study: heavily involved in The second stage of co-writing, with Neil this study will be Burrows, two chapters of commencing shortly. It this book dealing with will involve surveys of incidence and canopy species following severity of borer attack fire and fire in stands covering a wide range of age, site and management Dr Elaine history. Brockman Block-harri Davidson is also Establishment Trial: intending to conduct a A suitable site has been survey of wood rots in found for this trial. karri later in the year. * * * * *

A study has been proposed to assess tree recovery and the regeneration in Brockman National Park which was burnt by a high intensity fire in 1985.

* * * * *

Prescribed Burning of Regenerated Karri Prescription:

This prescription has been updated and incorporated into the Regional Operational Manual. Research staff will be available to advise on regrowth burning once Districts arrived at priorities for burning in the coming season.

Survey of Fire Research Needs: A survey has been sent to all Districts and Regions in CALM to help establish priorities for further research into fire behaviour. Burning in coastal heathland and mallee is certain to be an important topic. Contact has already been made with some Districts regarding such burns. This work will probably extend well into to South-Coast Region and also to the Northern Sandplain.

* * * * *

1983 Planting Seeding Trials:

* * * * *

Fertilising at Yornup: This trial currently fertilised schedule!). * * * * *

and Mychorrhizal Studies: Mychorrhizal status of Further assessments have These trials have been trees in the Lignotuber been made, concentrating remeasured and the data Development Study have on the more open areas. is being collated. The been examined and a No significant best planted trees were degree of variation has differences have shown on well drained laterite been noted. The results up yet. The seed crop and were up to 4m tall. for this study are not in this area is heavy at Seeded plants were still yet complete and will the struggling with heavy eventually be correlated assessments with measures. * * * * *

is Site Typing: being Discussion of site Assistance (on typing and on-site Abbott: examinations increased awareness and done for Ian Abbott. * * * * *

Weld Block: other sample continue to examine the differences establishment. * * * * *

are Entomological assistance resulting in an and photography is being

KARRI SILVICULTURE Gary Inions, Tony Annels, Mike Cully

Site Typing Areas of Measurement Karri Regeneration: Tony Annels and an Pete Walsh and a Quartz Road: assistant have completed variety of assistants Analysis of this data is half of the assessments. Factors assessed include 27 climatic variables the trial. extracted from the ESOCLIN programme for CSIRO, Camberra. Chemical analysis of soil samples has commenced. * * * * *

Muirillup Spacing Trial: have completed being carried out and collecting the data from Gary Inions is in the * * * * *

of Thinning and fertiliser trials. process of preparing the first draft of a paper, discussing the results. * * * * *

> Gary Inions is also assisting to construct a growth model regrowth karri. * * * * *

