

RESEARCH FILES

29/65. Bi-Annual Reports & Summaries of Reports.

1945

145 Monitoring of water Table levels at Enakpa. (Bick Perry)

1953.

Entered 25/2/55  
P.M. 1.000

| N.P. No. | H.O. File | Local File | Title of Investigation.                   |
|----------|-----------|------------|-------------------------------------------|
| 1/53     | 119/53    | /          | Litter Accumulation in the Jarrah Forest. |
| 2/53     | 119/53    | /          | Litter Fall in Wandoo & Mallee Forests.   |
| 1/54     | 1538/54   | /          | Karrri Mallee Studies.                    |
| 2/54     | 1538/54   | /          | Broadcast Sowing - Karrri                 |
| 3/54     | 631/51    | /          | Soil inoculation to Lathyrus Jarrah       |
| 4/54     |           | /          | Yagerup Pine Trial Plots.                 |
| 5/54     | 126/54    | /          | Trials of Eastern States Euc.             |
| 6/54     | 629/53    | /          | Bark Beetle Investigations.               |

1954.

Entered 25/2/55  
P.M. 1.000



# NUMERICAL INDEX.

1951.

| W. P.        | H. O.    | Local | Title of Investigation                            |
|--------------|----------|-------|---------------------------------------------------|
| No.          | File     | File  |                                                   |
| 1/51         | 1055/56  | D ✓   | Tarrak Litter Fall Studies                        |
| 2/51         |          | ✓     | Tarrak Stand Development following Trade Cutting. |
| <u>1952.</u> |          |       |                                                   |
| 1/52         | ✓        |       | Longevity of Leaves - Tarrak.                     |
| 2/52         | 812/51   | ✓     | Crown Vigor Observations - Tarrak.                |
| 4/52         | 879/62   | ✓     | Tarrak Nitrogen Plots.                            |
| 5/52         |          | ✓     | Litter Decomposition Studies.                     |
| 6/52         |          | ✓     | Tarrak Stocking Studies.                          |
| 7/52         |          | ✓     | Crown Ratio & Tarrak Stocking.                    |
| 8/52         |          | ✓     | Aerial Stand Volume Tables - Tarrak.              |
| 9/52         | 298/53   | ✓     | The Effect of Fire on Tarrak Forest Soils.        |
| 10/52        | 1161/52  | ✓     | Nutrient Injection Investigation in P. prinastis  |
| 11/52        | 83/53    | ✓     | Nutrition - Wait & See Plots.                     |
|              | 1161/52. |       |                                                   |



1955.

(Camp 25/5/55)  
M.A.S.

| M.P. No. | H.O. File      | Local File | Title of Investigation                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|----------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/55     |                |            | N - P Spraying.<br>Sub-plan 1. <i>P. pinaster</i> , Glenage - 1955 Planting.<br>2. <i>P. radiata</i> , Glenage - 1952 Planting.<br>3. <i>P. halepensis</i> , Glenage - 1953 Planting.<br>4. <i>P. caribaea</i> , Glenage.<br>5. <i>P. pinaster</i> , Myalup - 1955 Planting.<br>6. <i>P. radiata</i> , Myalup - 1955 Planting.<br>7. <i>P. pinaster</i> , Coolup - 1955 Planting.<br>8. <i>P. radiata</i> , Coolup - 1955 Planting.<br>9. <i>P. pinaster</i> , Willcock - 1953 Planting. |
| 2/55     | 13/62<br>16/62 |            | ✓ P <sub>2</sub> O <sub>5</sub> Studies - Munderaring.<br>✓ Mallet Establishment Experiment.                                                                                                                                                                                                                                                                                                                                                                                             |
| 3/55     |                |            | ✓ Nutrition - Pour Spray & Solids on laterites.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4/55     |                |            | ✓ Superphosphate on Jarrah Soils.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5/55     | 360/53         |            | ✓ Myalup Zinc Tab Exp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6/55     |                |            | ✓ Glenage Zinc Super.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7/55     |                |            | ✓ Glenage Zinc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8/55     |                |            | ✓ Jarrah Thinning Plots - Big Brook.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9/55     |                |            | ✓ Jarrah Thinning Plots - Holmes 10.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10/55    | 611/52         |            | ✓ Immature Jarri Shepher Tests.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 11/55    | 818/54         |            | ✓ Sandalwood Establishment.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 12/55    | 607/34         |            | ✓ Jarri Seedling Survival? (Tree per cent).                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13/55    |                |            | ✓ Jarri Regeneration Studies.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 14/55    |                |            | ✓ Conversion Cutting in Regrowth Jarrah - Holmes.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15/55    |                |            | ✓ The Effect of Fire on Jarrah Regrowth.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16/55    |                |            | ✓ The Effect of Fire on Jarrah Regeneration.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 17/55    | 812/51         |            | ✓ <i>P. radiata</i> - Super (23%), Zinc Oxide & Zinc Spray (2%).                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18/55    | 494/64         |            | ✓ <i>P. radiata</i> - Super (23%), Zinc Oxide & Zinc Spray (2%).                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 19/55    |                |            | ✓ <i>P. pinaster</i> - M. Clarity.<br>✓ Super & Zinc Oxide Treatment <sup>+</sup> to <i>P. pinaster</i> - plots, 1955.                                                                                                                                                                                                                                                                                                                                                                   |

1956.

file checked.

9/20/56 10/20/56  
10/20/56

| I.P. No. | H.O. File | Local File | Title of Investigation.                           |
|----------|-----------|------------|---------------------------------------------------|
| 1/56     | 328/55    | 23.31K     | Karreri Seedling Survival. *                      |
| 2/56     | 328/55    | 23.13K     | (A). Karreri Litter Studies. *                    |
| 3/56     | 962/43    | 15.11K     | (B) Karreri Seed Fall. *                          |
| 5/56     |           | 23.31K     | Local Pine Butter Box Tests.                      |
| 6/56     |           | 23.11K     | Scrub Competition & Karreri Seedling Survival. *  |
| 7/56     |           | 23.31S     | Karreri Growth Selection Study. See also 23/56. * |
| 8/56     |           | 23.11K     | Sequoia Sempervirens in Cut Over Bush. *          |
| 9/56     |           | 1          | Growth Habits of the Karreri Crown. *             |
| 10/56    |           |            | Karreri Crown Ratio. *                            |
|          |           |            | Rainfall monitoring in State Forest No. 65        |

1957. Amend (M.S. 500)  
 25/3/85 T. Leachfield.

| W.P. No. | H.O. File | Local File        | Title of Investigation.                                                               |
|----------|-----------|-------------------|---------------------------------------------------------------------------------------|
| 1/57     | 310/44    |                   | Hamel Nursery Fertility Experiments.                                                  |
| X 2/57   |           | 23.14K            | ✓ Karri Seed losses. X                                                                |
| X 3/57   | 328/52    | 23.12K            | ✓ Karri Seed Dispersal. X                                                             |
| 4/57     | 328/52    | 23.23K            | ✓ Burning - Effect on Karri & Competitors. X                                          |
| 5/57     | 328/52    | 23. 31K<br>23.62K | ✓ Germination & Establishment of Karri on Different Seed beds in Different Seasons. X |
| 6/57     | 328/52    | 23.31K            | ✓ Establishment of Karri on Abandoned Farms. X                                        |
| 7/57     | 328/52    | 23.39K            | ✓ Artificial Karri Regeneration - Spot & Broadcast Sowing. X                          |
| 8/57     |           | 23.32K            | ✓ Establishment of Karri on Failed Seedbeds. X                                        |
| 9/57     |           |                   | ✓ Durability of Karri in Culverts. X                                                  |
| 10/57    |           |                   | ✓ Karrah Crown Shape Studies. ✓                                                       |
| 11/57    | 1309/57   |                   | ✓ Variation of Forme Vigor in P. pinaster. X                                          |
| 12/57    | 1309/57   |                   | ✓ Selection of Elite Trees for P. pinaster. X                                         |
| 13/57    | 1309/57   |                   | ✓ Flowering Studies in P. pinaster. X                                                 |
| 14/57    | 1309/57   |                   | ✓ Vegetative Propagation of P. pinaster. X                                            |
| 15/57    |           |                   | ✓ Late Thinning Studies - P. pinaster. X                                              |
| X 16/57  | 328/52    | 41.11             | ✓ Chemical Spraying of Karri Undergrowth. X                                           |
| 17/57    |           | 24.12 J           | ✓ Brimade Karrah Plot Thinning Experiment. X                                          |



1958.

Also checked.

Harvard Bot. 10

75(3)85

| W.P. No. | H. O. File | Local File       | Title of Investigation.                                         |
|----------|------------|------------------|-----------------------------------------------------------------|
| 1/58     | 611/52     |                  | ✓ Tarrah Basal Area Thinning Plots. X                           |
| 2/58     |            |                  | ✓ Early Thinning & Pruning Trials with <i>P. bracteata</i> - X  |
| 3/58     | 812/51     |                  | ✓ <i>P. bracteata</i> Volume Table. <i>kuria</i> strain.        |
| 4/58     | 496/60     |                  | ✓ Tarrah Regeneration Studies. ✓                                |
| 5/58     |            |                  | ✓ Tarrah Seedling Nutrition Investigations. X                   |
| 6/58     |            |                  | ✓ Kurri Regrowth Development. X                                 |
| 7/58     | 206/40     |                  | ✓ Germination Stimulation - <i>P. bracteata</i> .               |
| 8/58     |            |                  | ✓ Reliability of Germination Tests.                             |
| 10/58    |            |                  | ✓ Arboreal Investigation of Semi-Arid & Arid Areas.             |
| 11/58    |            |                  | ✓ Mandoo Flowering Studies.                                     |
| 12/58    |            |                  | ✓ Mandoo Seed Dispersal.                                        |
| 13/58    |            |                  | ✓ Mandoo Seedling Survival                                      |
| 14/58    | 496/60     |                  | ✓ Mandoo Aerial Root Development.                               |
| 15/58    |            |                  | ✓ Mallet Edge Tree Development.                                 |
| 16/58    |            |                  | ✓ <del>Mallet</del> Edge Growth Studies - <i>P. bracteata</i> . |
| 17/58    |            |                  | ✓ Subsequent Fertiliser Application & <i>P. bracteata</i> .     |
| 19/58    | 1503/57    | 22.12.58<br>23/9 | ✓ Group Selection System - Kurri. X                             |

Washed and dried.  
 100 lbs.

| Title of Investigation |                                               |
|------------------------|-----------------------------------------------|
| ✓                      | Wandoo Germination Studies.                   |
| ✓                      | Wandoo Cobble Studies.                        |
| ✓                      | Pine Seed Pelletting Tests.                   |
| ✓                      | Gangara Soil Moisture Studies.                |
| ✓                      | Gangara Soils & S. Q. Studies.                |
| ✓                      | Polythene Nursery Mulching Trials.            |
| ✓                      | Semi-Arid Soil Moisture Studies.              |
| ✓                      | Karri Seed Supplies on Permit Areas.          |
| ✓                      | Karri Increment Investigations.               |
| ✓                      | Vegetational Analysis - Karri                 |
| ✓                      | Backwood Enrichment Planting.                 |
| ✓                      | Nutritional Trials - Sequoia Semipervirens.   |
| ✓                      | Regeneration Stocking in Tarrah.              |
| ✓                      | Tarrah Seed Fall Studies.                     |
| ✓                      | Establishment of Tarrah Seedlings.            |
| ✓                      | Tarrah Seed Maturing Studies.                 |
| ✓                      | Tarrah Root Studies.                          |
| ✓                      | Nutrient Injection Studies - P. radiata.      |
| ✓                      | Tarrah - Foliage Spraying for Cobble Control. |
| ✓                      | Seison                                        |

1960.

Forster  
J. W. D. 1960

Title of Investigation

W.P. H.O. Local  
No. File File

1/60

✓ Root Treatment for Nursery-raised tree.

2/60

✓ Soil Preparation & Fertiliser Treatment.  
Planting Stock.

3/60 4/60 5/60

✓ Soil Fertility Experiment - Barton's Mill, C.S.I.R.O.  
for Arborela.



1961

25/1/85

Y. L. Chabot

| I.P.   | H.O. | Local              | Title of Investigation.                                                  |
|--------|------|--------------------|--------------------------------------------------------------------------|
| 10.    | File | File               |                                                                          |
| 1/61   | ✓    |                    | The Effect of Fire on Forest Soils - Fertility Status.                   |
| 2/61   | ✓    |                    | The Effect of Fire on Forest Soils - Litter Fall<br>(Intensity of Burn)  |
| 4/61   | ✓    | 23.32 L            | Blackwood (Ac. melanophylla) Fertilization Seeding Trials.               |
| 5/61   | ✓    |                    | Effect of Fire on Forest Soils - Soil Mesofauna<br>Studies.              |
| 6/61   | ✓    | 43.22 K            | Effect of Fire on Karri - Volume loss for<br>Fire Damaged Wood.          |
| 7/61   | ✓    | 43.23 K            | Effect of Fire on Karri - Increment loss.                                |
| 39/61  | ✓    | 43.24 K            | Effect of Fire on Karri - Foliage floral influences.                     |
| 33/61  | ✓    | 43.24 K            | Effect of Fire on Karri - Insect effects on<br>Flush & Floral Cycles.    |
| 9/9/61 | ✓    | 23.84 K<br>43.25 K | Effect of Fire on Karri - Time of Burning on<br>Seedling & Regeneration. |
| 9/9/61 | ✓    | 23.84 K<br>43.25 K | Effect of Fire on Karri - Time of Burning &<br>Weed Regeneration.        |
| 10/61  | ✓    | 43.24 K            | Effect of Fire on Karri - Fire Intensity<br>& Tree Anatomy.              |
| 11/61  | ✓    | 18.21 K            | Karri Nutrient Trials, pot expts. 1.                                     |
| 12/61  | ✓    | 18.21 K            | Karri Nutrient Trials, pot expts. 2.                                     |
| 13/61  | ✓    | 18.21 K            | Karri Nutrient Trials, pot expts. 3.                                     |

1962.

| Title of Investigation |                          | Local File |                                                                                                                              |
|------------------------|--------------------------|------------|------------------------------------------------------------------------------------------------------------------------------|
| N.P.                   | H.O.                     | No.        | File                                                                                                                         |
| 1/62                   | 456/58                   | 18.31 K    | Karri Fertiliser Trials - Easter Brook N.P.K. X                                                                              |
| 2/62                   | 456/58                   | 18.31 K    | Karri Fertiliser Trials - Matla band. N.P.K. X                                                                               |
| 3/62                   | 456/58                   | 18.21 K.   | Karri Nutrient Trials - Pot Experiments - Easter Brook. X                                                                    |
| 4/62                   | 456/58                   | 18.21 K    | Karri Nutrient Trials - Pot Experiments - Matla band. X                                                                      |
| 5/62                   | 1181/61                  | 43.12 K    | Thinning Effect of Fire on Karri Regrowth. X                                                                                 |
| X 6/62                 | 1181/61                  | 11.33 K    | Soil Moisture Status - Aspect & Slope.                                                                                       |
| X 7/62                 | 1181/61                  | 11.32 K    | Soil Moisture on Ash beds.                                                                                                   |
| 8/62                   | 1181/61                  | 16.21 K    | Starch Analysis of Sapwood. X                                                                                                |
| 9/62                   | 1181/61                  | 41.12      | Chemical Spray Thinning Trials - Big Easter Brook. X                                                                         |
| 10/62                  | 456/58                   | 41.12.     | " " - Shannon River. X                                                                                                       |
| 11/62                  | 456/58                   | 23.64 K    | Artificial Regeneration Trials - Crowea Block.                                                                               |
| 11/62                  | 456/58                   | 23.64 K    | " " - Babbington Block.                                                                                                      |
| 12/62                  | Completed at 176         |            | Soil Moisture Investigations - Jarrah & P. radiata. X                                                                        |
| 12/62                  | 345/64                   |            | Fire Research - Investigation of Moisture Trends in Litter, Green Leaves & Bark of Jarrah Trees - Doodlingup (Amphibion 6) X |
| 13/62                  | 345/64                   |            | Fire Research - Fire Behaviour Studies in Jarrah Forests (North & Dunn - Durb) X                                             |
| 14/62                  | Not in Operation 1345/64 |            | Fire Research - Investigations of Factors Controlling Fire Behaviour - Durb.                                                 |
| 15/62                  | 879/62                   |            | A Study of Characters of Bark Canoes in Measuring Jarrah Bark Thickness - Durb. X                                            |
| 16/62                  |                          |            | Foliar Analysis of Pines                                                                                                     |
| 17/62                  |                          |            | Bark Analysis of Pines.                                                                                                      |
| 18/62                  |                          |            | Needle Length - Chemical Composition Relativities                                                                            |
| 19/62                  |                          |            | (A). P. Juniper seed orchard No. 1.                                                                                          |
|                        |                          |            | (B). P. Juniper seed orchard No. 2.                                                                                          |

Excess ROR. 000  
75/2/63

1963.

checked.

X  
Gladys  
Rogers

| V.P. No. | H.O. File            | Local File           | Title of Investigation.                                                                   |
|----------|----------------------|----------------------|-------------------------------------------------------------------------------------------|
| 1/63     | 68/61                | 23.41.15<br>23.19/WP | Temperature Effects on Kari Seed<br>Viability (cf. 2/57). X                               |
| 2/63     | 68/61                | 23.42.15<br>23.19/WP | Dehydration Effects on Kari Seed Viability. X                                             |
| 3/63     | 679/62               | 23.63.15             | Field Tests of Kari Seed. X                                                               |
| 4/63     |                      | 23.14.15             | Kari Seed losses by insects. X                                                            |
| 5/63     | 381/63               | 18.23.15             | Fertiliser Effects on the First Kari Seedlings. X                                         |
| 6/63     | 26/62                | 18.31.15             | Sesuvia Semperans Nutrition Trials. X                                                     |
| 7/63     | 456/58               | 9/10                 | Kari Shaker Thinning Trials. X                                                            |
| 8/63     | 923/63               | 41.14                | Soil Sterilisation for Protection. X                                                      |
| 9/63     | 18/58                |                      | Fire Research - The Effect of Controlled Burning on the CT X                              |
| 10/63    | Abandon 29<br>345/62 |                      | Basal Area Growth of Jarrah Trees (WP-Local 10/62-2)                                      |
| 11/63    | 412/63               | 23.64.15             | Fire Research - The Assessment of Fire Damage Resulting from the Bushfires - Jan. 1961. X |
| 12/63    | 412/63               | 23.67.15             | Transplanted Wiltings - Andrews Block Trials. X                                           |
|          |                      |                      | Transplanted Tiffy Pot Stock - Enrichment Planting - Andrews Block Trials.                |
| 13/63    | 978/63               |                      | Pine Nutrition Studies - Nyamup (Local 12/62).                                            |



1064.

| W.P.                               | H.O.   | Local?              | Title of Investigation.                                                                                              |
|------------------------------------|--------|---------------------|----------------------------------------------------------------------------------------------------------------------|
| No.                                | File.  | File                |                                                                                                                      |
| <u><i>Passia Seed Orchard.</i></u> |        |                     |                                                                                                                      |
| 1/64                               | 18/58  |                     | Fire Research - Fire Behaviour in Pioneer Pines (Gangara)                                                            |
| 2/64                               | 18/58  |                     | Fire Research - The Effect of Controlled Burning on the Basal Area Growth of 15 yr old <i>P. thurberii</i> (Gangara) |
| 3/64                               |        | 23.51 K.            | The Effect of Size of Pione Seed on Seedling Vigor in the Nursery. X                                                 |
| 4/64                               |        | 23.62 E             | Fire, Punctured Seed - Spot Seedling Survivalment Trials. -                                                          |
| 5/64                               |        | 23.52 K.<br>23.62 E | The Effects of Puncturing Treatments on the Germination & Vigor of Pione Seedlings in Nursery & the Field. X         |
| 6/64                               |        | 27.1 H.             | Abnormalities in Pione - Introduction of Pioneer Species into well prepared sites with trial positions.              |
| 7/64                               | 194/64 | 19/9/1              | Growth Reproduction trials for the establishment of <i>P. thurberii</i> (Mannab). X                                  |
| 8/64                               | 879/62 | 5/20                | Response to Thinning & Treatment of Pioneer X                                                                        |
| 9/64                               | 861/63 | 6/20                | Pioneer Manual trials (Doop). -                                                                                      |
| 10/64                              | 879/62 | 5/20                | Growth Response of the Remaining Pioneer Sites to the 1932 Trade Cuts. (Doop). X                                     |
| 11/64                              | 334/64 | Doop.<br>23/14      | (A) Effect of Hormone Pione on Pioneer Pines. -                                                                      |
|                                    |        | 15                  | (B) Hormone Pione on Pioneer Pines. -                                                                                |
|                                    |        | 16                  | (C) Hormone Pione & Pioneer Pines - Injection Methods. -                                                             |
|                                    |        | 17                  | (D) Injection of Hormone Pione in Pioneer Pines. -                                                                   |
|                                    |        | 18                  | (E) Effect of Hormone Pione on Pioneer Pines. -                                                                      |
|                                    |        | 23                  | (F) Pioneer Pines Killing - Injection. -                                                                             |
|                                    |        | 24                  | (G) Injection of Punctured Pioneer into Pioneer Pines. X                                                             |
|                                    |        | 25                  | (H) Comparison of Pioneer & Pioneer sites 2457 sites in killing Pioneer Pines by Injection. X                        |
|                                    |        | 28                  | (I) Stem Injection - Distance Apart of Injection Sites in Pioneer Pines. -                                           |
| X                                  |        | 40                  | (J) Foliar Sprays of 2457 butyester & Pioneer. -                                                                     |
| 12/64                              |        | 20                  | Thinning Pioneer Pines - Height of Pione. - X                                                                        |
| 13/64                              |        | 26                  | Removal of Pioneer growth & Pioneer. - X                                                                             |

1964.  
(Cont)

20/12/65

| W.P.  | H.O.      | Local?  | Title of Investigation.                                                                                      |
|-------|-----------|---------|--------------------------------------------------------------------------------------------------------------|
| No.   | File.     | File.   |                                                                                                              |
| 14/64 | 690/64    | 237     | Nutritional Trial - Parakaila (Compt 25. Meenan) *                                                           |
| 15/64 | 690/64    | 237     | Nutritional Trial - Parakaila (Compt E12 - Greenacre) *                                                      |
| 16/64 | Abandoned | 7/3.    | Nursery Stock Experiments.                                                                                   |
| 17/64 | 961/64    | 17/1    | Planting Stock Trials - Pinaster 1964. -                                                                     |
| 18/64 | 334/64    | Dup. 30 | Tamar - Frost Damage - Farking. *                                                                            |
| 19/64 | 334/64    | 31      | Rate of Growth of Tamar saplings. - *                                                                        |
| 20/64 | 334/64    | 34      | Mortality Cause of - in Natural Seedlings of Tamar. -                                                        |
| 21/64 | 561/64    | B/1.    | Frost Damage Observations.                                                                                   |
| 22/64 | 53/53     |         | Nutritional Trials - Pinaster (Gangnam). -                                                                   |
| 23/64 | 561/63.   | 17/1. 3 | Fertiliser Trials with Pinaster. -                                                                           |
| 24/64 | 1151/61   | 41/12   | Chemical Spraying with Sol. Mixing Machine. -                                                                |
| 25/64 | 1151/61   | 24.13 K | Kauri Regeneration - Early Thinning Trials. *                                                                |
| 26/64 | 444/64    | P/6/1   | Shading Trials - 1964 Greenacre. -                                                                           |
| 27/64 | 444/64    | P/2/1   | Basal Bark Spraying Trials - 24.5-7 - Collier & Mann. -                                                      |
| 28/64 | 444/64    | P/2/1   | 24.5-7 Scrub Follow Spraying Trials - Collier & Mann. -                                                      |
| 29/64 | 444/64    |         | Nutritional Trials - Parakaila - Pemberton (Brisbairns). -                                                   |
| 30/64 | 553/63    |         | Factors Affecting Survival of Grafts of Pinaster Mit. -                                                      |
| 31/64 | 60/64     |         | Soil Moisture Variation under Developing Pine Stands. -                                                      |
| 32/64 | 879/62.   | 5/20.   | A Study of Basal Area Increment on Thinned & Unthinned Stands: 1961-64 inclusive. *                          |
| 33/64 | 444/64    | P/5/1   | The effect of 24.5-7 on growth of Parakaila.                                                                 |
| 34/64 | 556/63    |         | Parakaila Seed Orchards. -                                                                                   |
| 35/64 | 15/65     | RN/4.   | Pinaster Tip Disorder. -                                                                                     |
| 36/64 | 13/65     | RG/3.   | Zinc Super Trials - Pinjar 1964. -                                                                           |
| 37/64 | 345/64    | 32      | Site Preparation Trials - Gangara. -                                                                         |
|       |           |         | The Effect of New Controlled Burning on height & Girth Growth of 6 year old Tamar Regeneration (Glengyle). - |
| 38/64 | 15/65     | 17.12   | Zinc (ZnSO <sub>4</sub> ) Sprayed Nursery Stock - Pinaster-McInty.                                           |
| 39/64 |           | Ept 26  | Removal of Bamboo from understorey.                                                                          |
| 40/64 |           | Ept 30  | Jurnal - Frost Damage.                                                                                       |
| 41/64 |           | Ept 31  | Rate of growth of Jurnal lignetulus.                                                                         |
| 42/64 |           |         | Fertiliser in Pinaster Greenacre (McInty) exp.                                                               |

1965.

|        |                              |          |                                                                                                                                                              |
|--------|------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/65.  | 853/63.<br>Completed         |          | Growth periodicity in <i>Pinus pinaster</i> Ait.                                                                                                             |
| 2/65   | 853/63.                      |          | Seedling stage comparisons of <i>Pinus pinaster</i> provenances.                                                                                             |
| 3/65   | 853/63                       |          | <i>Pinus pinaster</i> provenance trials.                                                                                                                     |
| 4/65   | 823/64.                      | 2/55.    | Growth rate investigation of <i>Euc. microcarpa</i> at Harvey Blair.                                                                                         |
| 5/65.  | 1194/64.                     |          | Regeneration of ( <i>Bosia aqua-folia</i> ) waterbush following -<br>spraying with 2.4.5-T. (Harvey).                                                        |
| 6/65   | 1194/64.                     | P/9/1.   | Rearing Method Trials - 1965. (Harvey).                                                                                                                      |
| 7/65   | 1194/64                      | 2/55     | Hormone spraying in Pine Plantations.                                                                                                                        |
| 8/65   | 168/65                       | P/10/1.  | <i>Pinus muricata</i> "Blue strain" trials - 1965 (Collie).                                                                                                  |
| 9/65   | 779/63.<br>Termin. of exp.   | Exp. 38. | Tarrak Pole Thinning - The effect of leaving suppressed stems.<br>(Dyab - Carara B114). X                                                                    |
| 10/65  | Completed<br>779/63. Exp.    | 37.      | The effect of low volume hormone sprays on <i>Hebea</i> .<br>(Dyab - Carara B114). X                                                                         |
| 11/65  | Completed<br>779/63. Exp.    | 44.      | Application of 2.4.5-T to Tarrak poles by Notelung (Dyab) X                                                                                                  |
| 12/65  | 779/63. Exp.                 | 13.      | Tarrak Pole Thinning. (Dyab-Inglehope B114). X                                                                                                               |
| 13/65  | Completed<br>334/64          |          | Basal Bark Spray - Slasher season with 2.4.5-T<br>(50% E) in Diesel oil on pepper mint & wallie.<br>The effect of 2.4.5-T on growth of <i>P. radiata</i> . X |
| 14/65. | Completed<br>1194/64         | P/5/1    | Fertilizer trials with <i>Euc. microcarpa</i> (Taillonwood) X                                                                                                |
| 15/65. | 823/64.                      | 2/55     | on Dic-back site (Clarke Block - Harvey).                                                                                                                    |
| 16/65. | 779/63.                      | 148.     | Tarrak Seedling Establishment.                                                                                                                               |
| 17/65  | 112/64                       | Exp. 53. | Tarrak - Silvanhurst System trials.                                                                                                                          |
| 18/65  | 507/63                       | 23.84K.  | Karri Regeneration Assessment - Work Sheet 1/65. X                                                                                                           |
| 19/65. | Completed<br>215/65.         |          | Use of "Dybar" (Fenuron) pellets in control -<br>of <i>Eucalyptus</i> coppice. (Kent Pth. comp. 6).                                                          |
| 20/65  |                              |          | Basal Area Thinning Control in <i>P. pinaster</i> . X                                                                                                        |
| 21/65  | Completed                    |          | Progeny Testing <i>P. pinaster</i>                                                                                                                           |
| 22/65  |                              |          | Factors influencing dormancy in seed of <i>P. pinaster</i> .                                                                                                 |
| 23/65  | 345/64                       | 32D.     | An assessment of scrub variations in the<br>Northern Tarrak forest & their effects on<br>fire behaviour.                                                     |
| 24/65  | Completed<br>1194/64. P/2/2. |          | The effect of season & concentration of solution<br>on the efficiency of 2.4.5-T as a basal bark spray                                                       |

1965.

| Completed | 5/20.    | Tarrak Stem Section Staining Technique.                                                                                                                                                                                                                                                                               |
|-----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25/65     | 5/20.    | The effect of TORDON 50-D on the growth of <i>P. radiata</i> .                                                                                                                                                                                                                                                        |
| 26/65     | 19/4/64  |                                                                                                                                                                                                                                                                                                                       |
| 27/65     | 19/4/64. | Early Thinning in <i>P. radiata</i> .                                                                                                                                                                                                                                                                                 |
| 28/65     | 2/5/5.   | Eucalypt Species on Dieback Sites.                                                                                                                                                                                                                                                                                    |
| 29/65     | PM/7     | Scrub Control in young <i>P. pinaster</i> Plantations.                                                                                                                                                                                                                                                                |
| 30/65     | 4/R-1    | Thinning Trials - Tarrak Coppice Regrowth. (M6)                                                                                                                                                                                                                                                                       |
| 31/65     | 20.      | Mechanical Planting of Hardwood Species - Manup.                                                                                                                                                                                                                                                                      |
| 32/65     | 32 B.    | Placing 4 Advance Growth Trials - Dupp.                                                                                                                                                                                                                                                                               |
| 33/65     | 39.      | A Scrub Assessment programme for determining the Distribution & Density of Major Species in Dupp. Div.                                                                                                                                                                                                                |
| 34/65     |          | Size of Planting Stock.                                                                                                                                                                                                                                                                                               |
| 35/65     |          | Application of Zinc & Superphosphate in various forms at varying levels.                                                                                                                                                                                                                                              |
| 36/65     | 124.     | Tordon - Pepperment Trials (Ludlow).                                                                                                                                                                                                                                                                                  |
| 37/65     | S. 4.1   | Pest planting scrub control in <i>P. radiata</i> Plots with 2.4.5-T as a foliar spray.                                                                                                                                                                                                                                |
| 38/65     | 17/1.6   | Plant tests in tailing sands (Ex Mineral Sands-Cape).                                                                                                                                                                                                                                                                 |
| 39/65     |          | The Establishment & Growth of Exotics in the Southern Group. (Manup. - Robertson-Shannon Riv.)                                                                                                                                                                                                                        |
| 40/65     | SF1      | Fire Behaviour in the Southern Forest Region.                                                                                                                                                                                                                                                                         |
| 41/65     | SF2.     | Fire? Inflammability trials in the Southern Forest.                                                                                                                                                                                                                                                                   |
| 42/65     | SF3.     | Investigation into method of Controlled Burning in the Southern Forest.                                                                                                                                                                                                                                               |
| 43/65     |          | Interaction of Zinc & Superphosphate (Sandb).                                                                                                                                                                                                                                                                         |
| 44/65     | SDFO3.   | Supercultural systems in Jarra Jarra Forest. (M6)                                                                                                                                                                                                                                                                     |
| 476/65    | 25/12.1. | Complete yieldable check the workability of the Silviculture System - Clear felling with seed trees, which are to be removed after Regeneration Burn. (B) - A treatment to a cut over Jarra Jarra type Severely fire Damaged as a result of Regan Burn. Not previously severely fire damaged. A abundant regeneration |



1965.

| I.P. No.          | H.O. File         | Local File  | Title of Investigation                                                                                                                                                                                                                       |
|-------------------|-------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/65 476/65       | SDFO 3 }<br>25/12 |             | Completed <sup>1965</sup> <del>1964</del> (C) - Method of treating a severely fire damaged stand of Karri, devoid of an acceptable level of Karri regrowth. Remove all marketable vol. relying on cutts & double? trees for seed production. |
| "                 | "                 | BIVH        | (D) - Treatment of a severely fire damaged Karri stand containing an acceptable level of Karri Regrowth.                                                                                                                                     |
| "                 | "                 | BIVH        | (E) - A method of treating a generally healthy Karri stand by clear felling in systematic strips.                                                                                                                                            |
| No further Action | "                 | BIVH        | (F) - Method of treating a generally healthy Karri stand. Combination large group selection &...                                                                                                                                             |
| 4/5/65 879/62.    | 23.17K.           | W.P. 14/56. | Possible strip system with standards.                                                                                                                                                                                                        |
| 4/6/65 879/62.    | W.P.A. 9.5.1      | D.S. 2.3.   | The 14 group completed to stimulate seed production.                                                                                                                                                                                         |
| 4/7/65 563/65.    | S. 2.3.           | S. 2.3.     | Tarrah Bank Thickness Mensuration.                                                                                                                                                                                                           |
| 4/8/65 215/65     | S. 4.2.           | S. 4.2.     | The effect of 2445-TP on the growth of P. radiata wood control in radiata plantations with 2445-TP - Pilot Trial.                                                                                                                            |
| 4/9/65 779/63.    | 65.               |             | The Growth Rates of 710-sized Tarrah in 1959 - aged Forest at Various Stockings.                                                                                                                                                             |
| 5/0/65 68/61      | 23.16K            |             | Field Work - completed Karri Seed Supply Occular Appraisal in -                                                                                                                                                                              |
| 5/1/65 579/62     | 80.               |             | Sampling Permits (List of W.P. 8/9/59).                                                                                                                                                                                                      |
| 5/2/65            | Ecl 34            |             | Forest Regeneration Development in sub-one Virgin Stands.                                                                                                                                                                                    |
| 5/3/65            | Ecl 340           |             | Natural forest Seedling.                                                                                                                                                                                                                     |
| 5/4/65            | Ecl 38            |             | Rate of forest seedling P. radiata.                                                                                                                                                                                                          |
| 5/5/65            | Ecl 58            |             | Forest pole thinning - effect of suppress stem effect of pole stand removed on forest volume growth.                                                                                                                                         |
| 5/6/65            | Ecl 49            |             | Thinning - forest seedling.                                                                                                                                                                                                                  |
| 5/7/65            | Ecl 61            |             | Forest pole growth rate - thinning & unthinned.                                                                                                                                                                                              |
| 5/8/65            | Ecl 61A           |             | Forest pole growth rate of thinned pole-aged forest.                                                                                                                                                                                         |
| 5/9/65            |                   |             | Application of pine + Superphosphate to seedling form and growing lands to P. radiata.                                                                                                                                                       |
| 5/10/65           |                   |             | Influence of pine + Superphosphate on P. radiata.                                                                                                                                                                                            |

1966.

| M. P. No. | H. O. File.   | Local File.     | Title of Investigation.                                                                                   |
|-----------|---------------|-----------------|-----------------------------------------------------------------------------------------------------------|
| 1/66      | 236/64        | Completed       | Pinaster Management Tables.                                                                               |
| 2/66      | 419/66        | S.F. 4.         | Effect of controlled fire on growth of small-sized Kauri.                                                 |
| 3/66      | Comp'd 215/65 | Std 5.5.1.      | Growth of Bracken with Tordon 50-D. Initial Estab. completed                                              |
| 4/66      | 428/65        | Exp. 578.       | Control of Die-back in Tarrak Forest - Duob. X                                                            |
| 5/66      | Comp'd 215/65 | Std 5.5.2.      | Effect of Weedicides on Netie Scrub (Bassia Aquipolia).                                                   |
| 6/66      | 452/64        | 28.             | Use of Treated Round Kauri Fence Posts - Kaulbaw.                                                         |
| 7/66      | 563/65        | P. 3.1.         | Non Commercial Thinning in P. radiata. X                                                                  |
| 8/66      | 563/65        | P. 9.1          | The Eclectic Duration of the Ash Bed effect on P. radiata Initial Establishment completed                 |
| 9/66      | 563/65        | P. 1.3.         | The Effect of Plastering on the Establishment of P. radiata. Initial Estab. shewn completed               |
| 10/66     | 563/65        | P. 1.2.         | Effect of Day Slurry Root Dips on Establishment of P. radiata. X                                          |
| 11/66     | 236/64        | Completed       | Sampling Techniques - Pinaster Inventory Initial Estab. shewn completed                                   |
| 12/66     | 309/61        | T.G. Smith.     | First Thinning in P. radiata. (Gerrard Collie). X                                                         |
| 13/66     | 961/64        | B. 2.1          | Completed Nursery Stock Experiment 1966. (Collie).                                                        |
| 14/66     | 130/66        | Exp. 71.        | Killing Veteran Kauri (Duob). X                                                                           |
| 15/66     | 779/63        | Exp. 72         | Tarrak Pole Thinning - Young Poles. (Chadbrook - Hwy). X                                                  |
| 16/66     | 130/66        | B.M. 19         | The Use of an Emi-mist for Kaocicide Scrub spraying with 2457 T.                                          |
| 17/66     | Comp'd 236/64 | Completed       | Kaocicide Management Tables. Initial Estab. shewn completed                                               |
| 18/66     | 168/65        | K. 2.2.         | 1966 - Provenance Trial - P. Muricella. X                                                                 |
| 19/66     | Comp'd 168/65 | B. 3.1.         | Phenology of P. radiata & P. muricella "Blue Stain". (Collie).                                            |
| 20/66     | 130/66        | S. 6.1          | Copie Control by Foliar Spraying with Herbicides. Insecticides & Pollinating Experiment with P. pinaster. |
| 21/66     | 13/65         | 17.2.1          | Open rooted stock - Hamed Nursery.                                                                        |
| 22/66     | 574/63        | No Further 5.5. | Effect of controlled burning on Kauri Scrub                                                               |
| 23/66     | 293/64        | 12/9.1          | Fertilizing Experiment - Old Beds, Hamed Nursery.                                                         |
| 24/66     | 13/65         | 15/14.2         | Thinning Experiment - P. pinaster Seed Beds - 1966/67 - Hamed Nursery.                                    |
| 25/66     | 543/63        | 17/9.1          | Weedicide Experiment in P. pinaster & P. radiata - Open Root Beds - Hamed Nursery - 1966/67. X            |

1966.

Jurnal 24/10/66

| M.P. No.   | H.O. File. | Local File | Title of Investigation                                                                                                                                 |
|------------|------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26/66.     | 130/66.    | B.M. 12.   | Fieldwork Completed<br>The removal of Marine Competition in a Cactus                                                                                   |
| 27/66.     | 1011/61    | J. 1. 4    | Marine Competition Study by tree injection with "Meriton".<br>Initial Establishment Completed                                                          |
| 28/66.     | 311/66.    | Completed  | Low Thinning - P. radiata. (Brunswick Pts 41, 21).                                                                                                     |
| Completed  | 29/66      | 311/66.    | Effect of Cultural Techniques & Timing of Fertiliser Application on the Production of Pine Seedlings.                                                  |
| Completed  | 30/66.     | 311/66.    | Effect of Watering & Fertilisation on Continuous Cropping of Pine Seedlings.                                                                           |
| 31/66.     | 779/63.    | Sept. 76.  | Control of Nursery Weeds by Weedicides.<br>Estimation of the Rate of Bark Thickness Increment in Jarrah Poles. (Durb. Mills, Duncan & Cochrane Poles). |
| 32/66.     | Completed  | Exp. 77.   | Response of Jarrah Poles to NPK Fertilisers (Durb. Duncan & Cochrane Poles).                                                                           |
| 33/66.     | Completed  | Completed  | Susceptibility of P. pinaster & P. radiata to Waterlogging (Winn).                                                                                     |
| 34/66.     | Completed  | Completed  | Susceptibility of P. pinaster to Phytophthora. (Winn - Cond).                                                                                          |
| 35/66.     | 428/65     | 35/66.     | Initial Establishment Completed<br>Field Resistance to Phytophthora cinnamome. (Harvey).                                                               |
| 36/66.     | 428/65     | 36/66.     | The Role of Nutrition in Determining Host Resistance to P. cinnamome Completed.<br>Initial Establishment Completed.                                    |
| 37/66.     | 428/65     | 37/66.     | Field Resistance of P. pinaster to Phytophthora (Winn - Kilmacall).                                                                                    |
| 38/66.     | 428/65     | 38/66.     | Competition Study Completed<br>Initial Establishment Completed<br>Field Resistance of P. radiata to Phytophthora (Harvey).                             |
| 39/66.     | 428/65     | Sept. 79   | Competition Study Completed<br>Initial Establishment Completed<br>Control of Dieback in Jarrah Forest - I. (Durb. - Harvey).                           |
| 40/66.     | 1011/61    | J. 2. Saw. | High Thinning - P. radiata.<br>Initial Establishment Completed<br>Pine nutritional plot on sandy soils east of Collie.                                 |
| 41/66.     | 690/64.    | 2/55       | Effects of ashbed, fertilisers & gibberellin on Jarrah seedling growth. (Durb. B.M. 415, 8, 9, 10).                                                    |
| 42/66.     | Completed  | Completed  | Control of Alder sp. (Chermes) on P. pinaster grafting stock.                                                                                          |
| 43/66.     | Completed  | Completed  | Effectiveness of power lighting & insecticides as weedicides.                                                                                          |
| 44/66.     | Completed  | Completed  | Effect of watering & fertilisation on continuous cropping of Pine Seedlings.                                                                           |
| 45/66 (B). | Completed  | Completed  | Effect of Cultural Techniques & Timing of Fertiliser Application on the Production of Pine Seedlings.                                                  |

1966.

| W.P. No. | H.D. File.           | Local File | Title of Investigation.                                 |
|----------|----------------------|------------|---------------------------------------------------------|
| 45/66(E) |                      |            | Control of Nursery Weeds by Weedicides.                 |
| 46/66    | Completed            |            | Growth of P. pruriens Seedlings on the Main Soil.       |
| 47/66    | Completed            |            | Types of the Mammoo District.                           |
| 48/66    | <del>Completed</del> |            | To Determine Pollen Germination Testing.                |
| 49/66    |                      | Sept 20.   | Establishment of large pilot plots.                     |
| 50/66    |                      | Sept 31A   | Thinning Jambh Coffee.                                  |
| 51/66    |                      | Sept 62    | Growth Rate of Jambh Disposition. Advance Growth        |
| 52/66    | —                    | Sept 67    | Under various degrees of competition                    |
| 53/66    |                      | Sept 75    | Effect of 2, 4, 5, - T and Tordon on Jambh growth rate. |
| 54/66    |                      |            | Effect of the size of falling pot in the release        |
|          |                      |            | and subsequent growth Rate of Jambh advance growth.     |
|          |                      |            | Effect of Fertilizer on Jambh advance growth.           |
|          |                      |            | Base/ are Kinning trial, Hundred Acre Block, Yandy.     |



1967.

6/10/67 28/3/85

| M.P. No. | H.O. File.            | Local File | Title of Investigation.                                                                                                                                       |
|----------|-----------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/67     |                       |            | Field Observations Completed<br>To Determine the Earliest Possible Date for the<br>Collection of Phosphates which will yield<br>Seed of Acceptable Viability. |
| 2/67     | Abandoned<br>428/65   | Expt. 82.  | The Site of Initial Die-back Infections in the<br>Tarrak Forest.<br>(Young Birch - Dying). X                                                                  |
| 3/67     | Completed<br>F. 3. 1. |            | Establishment of Scrub control in low quality<br>habitat at Strachan's plantation. X                                                                          |
| 4/67     |                       | Expt. 85.  | The effect of Soil Type, Soil Structure & Ammonia<br>Potential on Mortification of Phytophthora<br>Fungal Work. Completed<br>(Duff). X                        |
| 5/67     | Completed             |            | Acceptability of Brown Hemlock seedling material<br>to infection by Phytophthora. (Warm). X                                                                   |
| 6/67     | Completed             |            | Salt damage to Fruit Buds.<br>Field Work. Completed<br>Seed Mortality - Formation, Die-Back, Chlorosis<br>& Vascular - Suitability in Pine Seedlings          |
| 7/67     | Completed<br>364/60   | 19/4. 3    | Propagation Procedures - Almond Nursery.<br>Initial Establishment Completed<br>Radical Pruning Work Log Fruit - Almond Nursery                                |
| 8/67     | 57/67                 | 18/4. 1    | Field Work. Completed<br>Seed Mortality - Formation, Die-Back, Chlorosis<br>& Vascular - Suitability in Pine Seedlings                                        |
| 9/67     | 542/65                | 17/2-1     | Field Work Statistical Analysis Completed<br>Marie's Volume Paper & Board Thickness. X                                                                        |
| 10/67    |                       |            | Conversion of MK Stands.<br>Initial Establishment Completed<br>(Morse - K. M.) X                                                                              |
| 11/67    | 258/67                | BTW-13     | Pre-planting seed control in Phloxanthus latifolia.<br>Initial Establishment Completed<br>(Gunnery, Yandry) X                                                 |
| 12/67    |                       |            | Second rotation productivity - Nutritional aspects.<br>At Mithras the technique for measuring<br>sample loads of pine logs.                                   |
| 13/67    | Abandoned<br>556/63   |            | Feasibility of large scale forest sterilization<br>using <i>Escherichia coli</i> (Warm). X                                                                    |
| 14/67    |                       |            | Early application of Aphidicide on highly leaved<br>Sands of the Bannockburn Burn system.                                                                     |
| 15/67    | Completed<br>16/67    |            | Damage & Foraging in Forest. (Monthly) X                                                                                                                      |

1967. (cont.)

dated 26/10/67

| W.P. No | H.O. File | Loc?      | Title of Investigation                                                                                                   |
|---------|-----------|-----------|--------------------------------------------------------------------------------------------------------------------------|
| 19/67   |           |           | Field Laboratory Work, Completed                                                                                         |
| 20/67   | 4454/66   | D.2.6.3   | Regular observation of climate under long dead & near die-back sites. (see attached observations).                       |
| 21/67   | 4454/66   | D.2.6.3   | Rate of spruce introduction in die-back.                                                                                 |
| 22/67   | 4403/66   |           | Rate of wood deterioration in die-back areas.                                                                            |
| 23/67   |           | Expt. 92  | Initial Establishment Completed (Clarke Brook - Norway) Response of Prunella, <del>garden</del> on laterite gravels to X |
| 24/67   |           | Expt 83   | NP vs S vs T vs Fertilizers (Deep-Tessell Black).                                                                        |
| 25/67   |           | E.1.2.    | Initial Establishment Completed                                                                                          |
| 26/67   |           | C.1.6.    | Direct seeding of Pinus pinaster on laterite gravels.                                                                    |
| 27/67   |           | C.1.3.    | Mercury carbonation                                                                                                      |
| 28/67   |           | Expt 71A. | Cuplin carbonation                                                                                                       |
| 29/67   |           | Expt 83   | Forming Ultra Marine Trees.                                                                                              |
| 30/67   |           | Expt 83A  | Direct Seeding - Pinus pinaster.                                                                                         |
| 31/67   |           | Expt 96   | Incubation of Pine seed with Mycorrhizas.                                                                                |
| 32/67   |           | Expt 97   | Pinus of Cuplin Carbonation (pinned on gravel seed surface).                                                             |
| 33/67   |           |           | The Effectiveness of Tendon Etc. on Italian Spruce - Forest.                                                             |
| 34      |           |           | Site Quality Studies - Northern Larch                                                                                    |
| 35      |           |           |                                                                                                                          |
| 36      |           |           |                                                                                                                          |
| 37/67   | Abandoned |           | Abandonment after 3 yrs - forest damage.                                                                                 |

1968

| W.P.<br>No | H.O.<br>File           | Local<br>File  |                                                                                                                                                                                                      |
|------------|------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/68       | In Act                 | x              | Initial Establishment Completed (Coffee) x                                                                                                                                                           |
| 2/68       |                        |                | Initial Establishment Completed (Coffee) x                                                                                                                                                           |
| 3/68       | Completed<br>403/68    |                | Dying Tamarak Studies - The Nutrient Status of Native Vegetation (Dyck) x                                                                                                                            |
| 4/68       |                        |                | Dying Tamarak Areas Completed (Dyck) x                                                                                                                                                               |
| 5/68       | 142/64                 | 15/3           | Proximate trials of <i>Enc. camaluensis</i> (River Gum). x                                                                                                                                           |
| 6/68       | Abandoned<br>Completed |                | Proximate seedbed drill spacing (Coffee). x                                                                                                                                                          |
| 7/68       | R.2.3.3                |                | Rotation for the Coffee Nursery (Seedbed 7/68).                                                                                                                                                      |
| 8/68       | Completed              |                | The effect of Soil Moisture & Soil Type on Survival?                                                                                                                                                 |
| 9/68       | 412/63<br>No. FURTH    |                | Infection by <i>Phytophthora cinnamomi</i> .<br>Fieldwork Completed.<br>Kearney Willey Transplanting. x                                                                                              |
| 10/68      | 582/65                 |                | Effects of application of Superphosphate & Trace elements                                                                                                                                            |
| * 11/68    | 122/65<br>Completed    | 11/65<br>12/65 | Initial Establishment Postponed (Northcliffe R. Nursery).<br>Field resistance to <i>Phytophthora</i> rootrot (Kearns). x                                                                             |
| 12/68      | 122/65                 | 12/65          | The influence of inoculation, drought & nutrition on the resistance of <i>Pinaster</i> & <i>Prunella</i> to <i>Phytophthora</i> root rot. x                                                          |
| 13/68      | 122/65                 | 13/65          | Initial Establishment Completed.<br>The influence of inoculation, nutrition, soil type & watering treatment on the resistance of <i>Pinaster</i> & <i>Prunella</i> to <i>Phytophthora</i> rootrot. x |
| 14/68      | Completed<br>122/65    | 13/65          | The influence of inoculation level, watering & drought on the resistance of <i>Pinaster</i> & <i>Prunella</i> to <i>Phytophthora</i> root rot. x                                                     |
| 15/68      | 122/65                 |                | Initial Establishment Completed.<br>Inoculation of <i>Kari</i> with <i>Phytophthora cinnamomi</i> . x                                                                                                |
| 16/68      | 122/65                 | 84             | Initial Establishment Completed.<br>Rate of spread of <i>Phytophthora cinnamomi</i> . x                                                                                                              |
| 17/68      | 122/65                 |                | The importance of <i>P. cinnamomi</i> host roots in the build up & spread of the fungus. x                                                                                                           |
| 18/68      | Completed              |                | Structure of mixed Tamarak-Mari Stands. x                                                                                                                                                            |
| 19/68      | Completed              |                | Cleaning & Testing Seeds for Direct Sowing. x                                                                                                                                                        |
| 20/68      |                        |                | Hydrologic investigations within <i>Pinus</i> .<br><i>Pinaster</i> stands. x                                                                                                                         |
| 21/68      |                        |                | Green Tree Fire-breaks. x                                                                                                                                                                            |



1968 (cont.)

2, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Particulars

| W.P. No.  | H.O. File | Local File |                                                                                                                   |
|-----------|-----------|------------|-------------------------------------------------------------------------------------------------------------------|
| 22/68     | 122/68    |            | Further investigation on the importance of host roots in the spread of <i>P. cinnamomi</i> through the soil.      |
| Completed | 23/68     | 122/68     | Adetailed study of soil moisture & temperature conditions of some Southern Forest types.                          |
| 7/7/68    |           | R.2.3.3.   | Continued cropping trial - (all the nursery) (See also W.P. 7/68) - initial establishment & treatment completed   |
| 24/68     |           | R.2.3.4.   | Hill Nursery Weed Control (Mungahup).                                                                             |
| 25/68     | Completed |            | A detailed study of germination & survival of Kurri seedlings after a Spring burn.                                |
| 26/68     | Completed |            | A detailed study of seed fall during & after Regeneration burning in cut-over Kurri stands X                      |
| 27/68     |           | 18/4.1     | Field work - completed                                                                                            |
| 28/68     | 142/68    | 15/12      | Soil Impaction Test Series II (Hamm)                                                                              |
|           |           |            | Provenance trials of <i>Ac. Comalutensis</i>                                                                      |
| 29/68     |           | Exp. 98    | Initial Establishment completed (River Bend). The establishment of <i>P. bursaria</i> by direct seeding by direct |
| 30/68     |           |            | Seeding by small? forest plants. Raising organic matter content of nursery soils by application of Peat. *        |
| Completed | 31/68     |            | Comparison of Nursery Sterilizants.                                                                               |
| 32/68     |           | R.2.2.1.   | Pine Research Nursery.                                                                                            |
| 33/68     |           | R.1.1.     | Pine Nurseries & seed production - Review.                                                                        |
| 34/68     |           | R.1.4.     | Pine Nurseries Seed Collection.                                                                                   |
| 1/69      |           | P.3.3.     | 1969<br>Post-burned<br>Special Reflectance of W.A. Hardwoods.                                                     |
| 2/69      | Completed |            | Factors affecting the germination of hand broadcasted Hare seed after Regeneration burning.                       |
| 3/69      | Complete  | R.6.10.    | Post-Planting Scrub Control. Low volume spraying with dust butylates in water.                                    |
| 4/69      | 122/68    |            | P. bursaria plots on the back areas.                                                                              |
| 5/69      |           |            | Routine Seed Testing.                                                                                             |
| 6/69      | 230/69    |            | Trial planting of Poplars.                                                                                        |
| 7/69      | 230/69    |            | Trial planting of poplars.                                                                                        |
| 8/69      | 122/68    | 8/69       | Survival of <i>P. cinnamomi</i> .                                                                                 |
| 9/69      | 122/68    | 9/69       | Initial establishment completed                                                                                   |
|           |           |            | Susceptibility of <i>L. marginata</i> to <i>P. cinnamomi</i> Root rot.                                            |



1969 (Cont)

Particulars

Structuring Temperature Trial

Rearing 45 seedlings, transplanting (Trial No II)  
collected seed testing with strong fertilizers & protective

readings. See also W.P. No. 19/67

The use of Yoh-E 2E weedicide for autumn weed control in P. pinaster nurseries.

Investigate moisture trends in P. pinaster litter.

Effect of pine intensity on growth of P. pinaster  
Initial establishment trial M.V. look

Treatment of poor quality stands of P. pinaster.

Testing mix for raising Eucalypt seedlings in P. pinaster.

Soil amendments for raising open grown pine seedlings.

Soil and fertilizers for raising Eucalyptus microcarpa

in gibby - pots.

Exp 98 The establishment of Pinus pinaster by direct seeding and by seed soaked plants.

Practical framing of P. radiata.

Persistence of "D ocell" in nursery soils and its effect on germination of pine.

Soil fertility and sterilization.

(Thinning of Pinus Radiata on 3 roughy sites) X 1973

Exp 100 Fertilizer amendment to P. Radiata planted on a KM site

Planting open rooted transplant stock of E. globulus in the 30' x rainfall belt of Western Australia.

Soil bank measurements at Mt Station.

Killing DA Mowing applying Jordanite band - holes - spraying and storage for bark.

Exp 102 Jordan Injection and from U vein formation - Morris Poles.

Exp 103 Insect Sucking of P. pinaster with psyllids, etc. to control whole pine and control "Eucalypt" will eat as a deterrent to insects, birds etc.

|        |            |       |
|--------|------------|-------|
| 10/69  | 122/68     | 10/69 |
| 11/69  | -          | -     |
| 12/69  | -          | -     |
| 13/69  | Comp 12/69 | -     |
| 14/69  | -          | -     |
| 15/69  | -          | -     |
| 16/69  | -          | -     |
| 17/69  | -          | -     |
| 18/69  | -          | -     |
| 19/69  | -          | -     |
| 20/69  | -          | -     |
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| 88/69  | -          | -     |
| 89/69  | -          | -     |
| 90/69  | -          | -     |
| 91/69  | -          | -     |
| 92/69  | -          | -     |
| 93/69  | -          | -     |
| 94/69  | -          | -     |
| 95/69  | -          | -     |
| 96/69  | -          | -     |
| 97/69  | -          | -     |
| 98/69  | -          | -     |
| 99/69  | -          | -     |
| 100/69 | -          | -     |

2.10.1970  
7/10/70

1970

|       |           |     |
|-------|-----------|-----|
| 1/70  | -         | 108 |
| 2/70  | -         | -   |
| 3/70  |           |     |
| 4/70  |           |     |
| 5/70  |           |     |
| 6/70  |           |     |
| 8/70  | 56/100    |     |
| 8/70  | 115       |     |
| 9/70  | Exp 104   |     |
| 10/70 | Exp 106   |     |
| 11/70 | Exp 109   |     |
| 12/70 | 110       |     |
| 13/70 | 111       |     |
| 14/70 | 113       |     |
| 15/70 | 114       |     |
| 16/70 | Completed |     |
| 17/70 |           |     |

P. Performance Trial - P. in 1970  
Effectiveness of washing down procedures  
in reducing the spread of P. in 1970.  
Survival of P. in 1970 in soil samples.  
Seed P. in 1970  
Karni Amul trial

Effect of duration & temp of post start period on germination  
characteristics of P. in 1970 seed.  
P. Radiata Nutrient Trials  
The Effect of Ca fungicides in controlling P. in 1970 in  
the field.

Movement of P. in 1970 through Microcomp,  
P. in 1970.

Early Establishment in 1970 Ridge

~~1970~~ P. in 1970 Advance Growth Studies  
Advance Growth Studies.

Growth pattern of P. in 1970 Advance Growth

The effect of varied TERMINATED on P. in 1970 seedlings

The use of Sulphur coated lime (S.C.L.) at planting -

The effect of lime on the Southern Forest seedlings -

the intensity of burning (Strickland Rd Plots).  
Seed P. in 1970 Trials.

24253d  
26/3/85

D.L. No. File Local Dist.

Particulars.

1971

The Effect of Time intensity & frequency on a Karri Understorey of Hazel (*Myrsine* *spatulata*)  
a study of Brown Boobies (*B. megastigma*) in the Carter Rock Area.

a study of the effects of fire on a scrub community in which *Acacia dealbata* is a major constituent.  
a study of the effects of fire on *Acacia stricta*, *Croton elaeagnifolius* community.

Thinning method for pine radiata.  
The effect of various nursery rearing techniques on plantation survival of Karri red gum in summer.  
The effect of controlled burning on populations of the larger Macrofauna.

Exploratory trapping for Small Mammals in the forest forest.

The interpretation of P. radiata by cutting.  
Rest planting of P. Radiata  
Karri Spacing trial  
Control of grass competition with P. radiata in the Bluewood valley.

Effect of stand density and ground disturbance on pine seedling establishment and establishment.

Female fertility and fertility N x P and N x K interaction

Direct seeding rates of *Pinus* *radiata* for reforestation of cleared areas  
Effects of phosphate and pine nutrition of *P. radiata*

Maintenance of seedling *P. radiata* on the West Coast and  
Pine element during autumn 1971

Optimum level of insect  
application of antiparasitics (Parasites)  
Prevention of natural pine in  
the desert region.  
Pine masticole alternans (Pine  
tree) (Pine tree) (Pine tree)  
Pine. Radiata Program Test Sites (Krupp, Adair, B. 1744)  
Fertiliser Placement Trial - Proprietary  
Zinc Application Trial. West-Coastal Senate  
McLarty  
Ecological Effects of Hot Kani Tree (Folio 80)  
Effect of Site & Season on Floral Cycles of  
Some major scrub species  
Germination of Scrub Species  
Effect of Burning on Bird Population  
Investigation of Second Rotation Problems  
in Pine Plantations  
Decomposition Studies - Gungahara  
Soil Funa Studies  
Moisture content & wood density studies in  
P. radiata in Blackwood Valley  
Reforestation of Radiata Pine  
Assessment of Quality of Annual Burns  
Further Work on Kani's Seedfall Estimates.  
Germination of indigenous scrub & wildflower  
species - Lab trials  
The occurrence of seed of scrub & wildflower  
species in the soil profile  
Blackwood Valley Establishment Trial 1972-80  
Kani's Improvement Trial Mangrove  
Kani's Seed viability in storage



1972

Entered to PROF. DOC  
26/1/85

|       |     |      |                                                                                                                |
|-------|-----|------|----------------------------------------------------------------------------------------------------------------|
| 11/72 |     |      | Blackwood Valley Establishment Trial 1972 <i>P. radiata</i>                                                    |
| 2/72  |     |      | Poplar Demonstration Trial                                                                                     |
| 3/72  |     |      | Vegetation Studies. Dyingdura State Forest.                                                                    |
| 4/72  |     |      | Karri Fertilizer Trial No. 2. Manginup                                                                         |
| 5/72  |     |      | <i>P. Radiata</i> tree improvement <sup>(Chinese)</sup> Collie. Kinup Div.                                     |
| 6/72  |     |      | Optimum level of Manganese (Mn) application for growth of <i>P. radiata</i> on Pinjar yellow sands             |
| 7/72  |     |      | Minor elements essential to the establishment of <i>P. radiata</i> , on Sparrow system, yellow sands at Pinjar |
| 8/72  |     |      | Post Establishment Fertilizer Application (B <sup>Feo</sup> )                                                  |
| 9/72  |     |      | Favas studies in bark forest - Amphibian survey                                                                |
| 10/72 |     |      | Distribution of <i>P. Cinnamomi</i> propagules in soils <sup>Reids</sup>                                       |
| 11/72 |     |      | To determine the longitudinal distribution of cross sections over increment of Fert <u>Jannah</u> <u>DWP</u>   |
| 12/72 |     |      | Ploughing Trials. 1973                                                                                         |
| 13/72 |     |      | Optimum Watering for Mannup Nursery                                                                            |
| 14/72 |     |      | Subsequent Fertilization of <i>Radiata</i> Nurseries                                                           |
| 15/72 |     |      | Rearrangement of Soil Profiles                                                                                 |
| 16/72 | 105 | Shea | Effect of Crown Search on Tannah Growth Rates                                                                  |
| 17/   |     |      | Kennedy Bloes Dweillingup                                                                                      |
| 17/72 |     |      | Inland Reserves & SW Forest Reserve                                                                            |
| 18/72 |     |      | Euc. Field Kit. Herbarium <sup>+ Spotted gum</sup> (Mann Report Dec 72)                                        |

1973

Wood 16/10/73

Local

|       |      |                                                                                                                            |
|-------|------|----------------------------------------------------------------------------------------------------------------------------|
| 11/73 |      | The effect of controlled burning on the chemical properties of <i>P. radiata</i> soils.                                    |
| 2/73  |      | Soil plant interaction under Coniferous plantations                                                                        |
| 3/73  |      | (a) <i>P. radiata</i>                                                                                                      |
| 4/73  | 152. | Nutrient genetic interactions in <i>P. pinaster radiata</i>                                                                |
| 5/73  | 153  | The availability of legume seed in Jarrah soils                                                                            |
| 6/73  | 144  | Seed viability tests - Native plants                                                                                       |
| 7/73  | 146  | The effect of Soil Temperature on infection by <i>P. cinamomi</i>                                                          |
| 8/73  | 147  | Soil moisture, Soil Temperature & rainfall interception studies in Jarrah stands with dense leguminosae understoreys       |
| 9/73  | 148  | The response of Native legumes to fertilizer application & <i>Rhizobium</i> inoculation                                    |
| 10/73 | 149  | Susceptibility of Native legume species to <i>P. cinamomi</i>                                                              |
| 11/73 | 150  | Field inoculation tests of the relative susceptibility of Jarrah stands with different understorey components              |
| 12/73 | 151  | The effect of Calcium Nitrate & Calcium Chloride on <i>P. cinamomi</i> pathogenicity                                       |
| 13/73 | 154  | The effect of soil types on <i>P. cinamomi</i> pathogenicity.                                                              |
| 4/73  | 155  | Understorey Modification in Cutover Forest Drip Above & Below Ground Growth of <i>E. microcarpa</i> on Bauxite Mined Sites |
| 15/73 |      | Combination of grazing & forestry in Blackwood Valley                                                                      |
| 16/73 |      | Establishment of Native Jarrah Forest Species on Bauxite Mined Sites                                                       |
| 17/73 |      | Benlate Fungicidal Euc Seed Dushing Trial. Hamei                                                                           |
| 18/73 | -    | <i>P. Pinaster</i> Competition For Soil Moisture                                                                           |
| 19/73 | MJP  | Shilling Range Prescribed Burning                                                                                          |
|       |      | Sandalwood Regeneration - Kalgoolia                                                                                        |
|       |      | Hydrological Studies - Helena Catchment                                                                                    |
|       |      | * Fire Research at Dyancho Sand (To Be Submitted)                                                                          |
|       |      | Fire burning in Dyancho Sand (To Be Submitted)                                                                             |
|       |      | Post-estab. Shment Fertilizer Application                                                                                  |
|       |      | Karri Fire Damage Study - Many.                                                                                            |
|       |      | * Details To Be Submitted                                                                                                  |
| 23/73 |      | Post-estab. Fertilizer Application (Native Jarrah).                                                                        |

1974

7/15/80 24/3/85

| V.A. | 25/4 | BSN | 1974 Superphosphate - Rock Sulphate Experiment 1 (BSN) | 11/74  | L    |
|------|------|-----|--------------------------------------------------------|--------|------|
| 19/1 |      |     |                                                        |        |      |
| 20/1 |      |     |                                                        | 2/74   |      |
| 21/1 |      |     |                                                        | 3/74   |      |
| 22/1 |      |     |                                                        | 4/74   |      |
| 23/1 |      |     |                                                        | 5/74   |      |
| 24/1 |      |     |                                                        | 6/74   | 17   |
| 25/1 |      |     |                                                        | 7/74   | 176  |
| 26/1 |      |     |                                                        |        |      |
| 27/1 |      |     |                                                        |        |      |
| 28/1 |      |     |                                                        | #16/74 | 189  |
| 29/1 |      |     |                                                        | 8/74   | 181  |
| 30/1 |      |     |                                                        |        |      |
| 31/1 |      |     |                                                        | 9/74   | 182  |
| 32/1 |      |     |                                                        |        |      |
| 33/1 |      |     |                                                        | 10/74  | 183  |
| 34/1 |      |     |                                                        | 11/74  | 184  |
| 35/1 |      |     |                                                        | 12/74  | 185  |
| 36/1 |      |     |                                                        |        |      |
| 37   |      |     |                                                        | 13/74  | 186  |
| 38/1 |      |     |                                                        | 14/74  | 187  |
| 39   |      |     |                                                        | 15/74  | 188  |
|      |      |     |                                                        | #16/74 | 189  |
|      |      |     |                                                        | 17/74  | -    |
|      |      |     |                                                        | 18/74  | -    |
|      |      |     |                                                        | 19/74  | -    |
|      |      |     |                                                        | 20/74  | -    |
|      |      |     |                                                        | 21/74  | O.L. |
|      |      |     |                                                        | 22/74  | -    |
|      |      |     |                                                        | 23/74  | -    |
|      |      |     |                                                        | 24/74  | -    |



1974

| Local |                                                                                                                                                                                         |            |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 11/74 | The effect of soil amendments & microclimate on survival of <i>E. marginata</i> in Jarrah Dieback Areas                                                                                 |            |
| 2/74  | Stem analysis of old growth Jarrah.                                                                                                                                                     | (Dwp)      |
| 3/74  | <i>P. cinamomi</i> Studies using Banksia Girardin leaves as bait material.                                                                                                              | (Dwp)      |
| 4/74  | Blash Disposal.                                                                                                                                                                         | (Myp)      |
| 5/74  | Field - Scale Trial of Karri Direct Seeding                                                                                                                                             |            |
| 6/74  | To determine the effect of a leguminous understory & soil amendment by fertilization on growth & survival of <i>B. grandis</i> & <i>E. marginata</i> seedlings planted on dieback sites | (Dwp)      |
| 7/74  | To determine the effect of leguminous understory & soil amendment by fertilization on survival of <i>B. grandis</i> & <i>E. marginata</i> seedlings (planted in uninfected forest)      |            |
| 8/74  | inoculated with <i>P. cinamomi</i>                                                                                                                                                      | Holyoke    |
| 9/74  | Hydroseeding of Minna Sites -                                                                                                                                                           | Dwp        |
| 10/74 | Use of Indigenous Shrubs & Introduced grasses in Rehabilitation of Minna Sites                                                                                                          | Dwp        |
| 11/74 | Relative persistence of Indigenous & Introduced Species Sown on Minna Sites                                                                                                             | Dwp        |
| 12/74 | Direct Seeding of Indigenous Shrubs Species on Sites                                                                                                                                    | Mind Dwp   |
| 13/74 | Stimulation of Seed Bank in Minna Site Rehabilitation                                                                                                                                   | Dwp        |
| 14/74 | Use of Forest Top Soil as seed source for rehabilitation of mined sites                                                                                                                 | Dwp        |
| 15/74 | Potential of Indigenous Tree species for rehabilitation of Minna Sites                                                                                                                  | Dwp        |
| 16/74 | Establishment of <i>Cinnamomum</i> on Minna sites                                                                                                                                       | Mind Dwp   |
| 17/74 | Effect of fertilization & dieback on rehabilitation of sites                                                                                                                            | Dwp        |
| 18/74 | Hydro Seeding of Mined sites                                                                                                                                                            | Dwp        |
| 19/74 | Goldfields Regeneration Plots                                                                                                                                                           |            |
| 20/74 | Methods of Karri regeneration in Karri forest type                                                                                                                                      | Demo Plots |
| 21/74 | Essential Oil Feasibility Trial w/ <i>E. frutescens</i> (Blue Mallee) Honey                                                                                                             |            |
| 22/74 | Karri Shear Regeneration - seed treatment & sowing with bear pellets                                                                                                                    |            |
| 23/74 | with nurse species - (Arboreal Tansy)                                                                                                                                                   |            |
| 24/74 | Seed viability in storage                                                                                                                                                               |            |
| 25/74 | Regeneration of <i>S. l.</i> with nurse species in interaction with defended grazing by sheep                                                                                           |            |







1976

if/0 L/0

Subtotal

1/76 Rehabilitation of Landings for Karri Regeneration Many.  
3/76 The effects of variations in seed types & seedling times on direct seeding operations in Karri (*E. diversicolor* F. Muell)  
3/76 Rehabilitation & Regeneration of Sing Tracks caused (Myp)  
by winter logging practices. Many  
4/76 Succession of the Manda (*A. flavipes*) after logging in the Karri forest Many.  
5/76 Myp An investigation of the potential of Mampi (*E. Calophylla*) as a plantain crop Many.  
6/76 Myp Maturity of *Euc. Diversicolor* (F. Muell) seed  
7/76 A study of the floral cycle of *E. Calophylla* (R. Br. ex Lindl) "  
8/76 A preliminary study of the effects of browsing on the Karri forest community "  
9/76 Small Plot Run-off Trial J Dale  
10/76 Small Plot Run-off Trial Dwp J Dale 11-12-1906  
11/76 Whole Plot Run-off Trial Dwp, Del Park  
12/76 Creation of climatic Vegetation Types Dwp J Dale 11-12-1906  
13/76 Establishment & persistence of Agricultural legumes Dwp J —  
14/76 Extension of Species Trial Dwp, Del Park  
15/76 Myp A study of techniques for describing sites prone to winter logging damage } Many  
16/76 Shalea Regeneration. Pretreatment of whole seed  
17/76 Many The effect of fire on young regenerated Karri regrowth stands  
18/76 Many A selection of methods to artificially regenerate Mampi (*Euc. calophylla*)  
19/76 Many Testing variations in Morphological & Physiological characteristics between Provenances of *Euc. Calophylla* (Mampi)  
20/76 Myp Early seedling establishment & persistence in High Based on seeds  
21/76 Myp Early seedling establishment & persistence in High Based on seeds  
22/76 Myp Early seedling establishment & persistence in High Based on seeds

1977

M. J. Gilchrist

| No    | Ho | L.O      | Subject                                                                                                                          |
|-------|----|----------|----------------------------------------------------------------------------------------------------------------------------------|
| 11/77 | *  | Expt 23c | Forest Stand Manipulation to Increase Water Production                                                                           |
| 2/77  |    |          | Effect of Prescribed Burning on the Floral Cycle of <i>Kanni</i>                                                                 |
| 3/77  |    |          | Effect of grazing on burnt <i>Sandhuana caprea</i> <i>Kalg</i>                                                                   |
| 4/77  |    |          | Survival of natural regeneration of <i>Sant. spicatum</i> "                                                                      |
| 5/77  |    |          | Natural Hybrids of <i>Lee species</i> 1 Hybrid <i>Haematacylon</i>                                                               |
| 6/77  |    |          | Aspects of the Nitrogen Phosphorus Nutrition of <i>P. radiata</i>                                                                |
| 7/77  |    |          | Evaluation of compounds of N & P Fertilizer for establishment of <i>P. radiata</i>                                               |
| 8/77  |    |          | Effect of Sulphur on Establishment & Growth of <i>P. radiata</i> on Dony Brook Sunkland                                          |
| 9/77  |    |          | Effect of Soil Liming on Establishment & Growth of <i>P. radiata</i> on Dony Brook Sunkland                                      |
| 10/77 |    |          | Simulation of Mechanical Fertilizer application in Planting Mounds.                                                              |
| 11/77 |    | Expt 24c | Stream siltivity monitoring in the Harvey Division (Dwp)                                                                         |
| 12/77 |    | May      | Improvement & Induction of Seed Set in <i>Kanni</i> ( <i>Lee diversicolor</i> ) MJP                                              |
| 13/77 |    | May      | The effect of tree major forest operations upon the development of natural regeneration in <i>Kanni</i> ( <i>E. Calophylla</i> ) |
| 14/77 |    | "        | Nursery's Fertilizer Trials in <i>Kanni</i> ( <i>E. diversicolor</i> )                                                           |
| 15/77 |    | BSN      | Sunklands N.P. Pot Trial 1977                                                                                                    |
| 16/77 |    | "        | Minor Elements Pot Trial N <sup>o</sup> 2/1977                                                                                   |
| 17/77 |    | "        | " " " N <sup>o</sup> 1/1977                                                                                                      |
| 18/77 |    | May      | <i>Kanni</i> Fertilizer Trials (May)                                                                                             |
| 19/77 |    | Expt 24c | Liming Coal Mine Spoils (Dwp. -                                                                                                  |
| 20/77 |    | Dwp      | Proposal for wet mapping with radioactive tracers                                                                                |
| 21/77 |    | May      | Response of <i>Kanni</i> Poles to Fertilizer & Thinning                                                                          |
| 22/77 |    | "        | Tables for predicting slash weights in <i>P. radiata</i> stands                                                                  |
| 23/77 |    | "        | Mechanical Fuel Reduction Trial                                                                                                  |
| 24/77 |    | "        | Tree Retention During Trials                                                                                                     |
| 25/77 |    | "        | Blackwood Valley grazing trials                                                                                                  |
| 26/77 |    | Dwp      | Evaluation of Rehabilitation Species (in 2 trials)                                                                               |
| 27/77 |    | Ma       | <i>Pinus praecox</i> stands fertility trial on marginal mounds.                                                                  |
| 28/77 |    | Ma       | <i>Pinus praecox</i> low growing trial, higher BT.                                                                               |
| 29/77 |    | Ma       | <i>Polytrix</i> <i>Pinus praecox</i> subshrubland species.                                                                       |
| 30/77 |    | Buss     | Deserial & Serial trials - Nourish Nursery - J. Gilchrist.                                                                       |



1978

5/17/78 14/7/78

| No    | H/o | L/O | Subject                                                                                 |
|-------|-----|-----|-----------------------------------------------------------------------------------------|
| 1/78  |     | MSP | an investigation of Fertilizer Fertilizer in the establishment of planted Karam Bagmati |
| 2/78  |     | BSN | Worms and other Destructive                                                             |
| 3/78  |     | MSP | Low Nutritional and Moisture Factors in the Rehabilitation of Damaged Soils             |
| 4/78  |     | MSP | Long Term monitoring forest fauna population                                            |
| 5/78  |     | MSP | 3 areas surveys of S.F. areas                                                           |
| 6/78  |     | MSP | The distribution of the mud minnow within SF                                            |
| 7/78  |     | MSP | Preliminary investigation into the ecology of the mud                                   |
| 8/78  |     | MSP | feeding the weevil (Battus prillat) into an area from where it has recently disappeared |
| 9/78  |     | MSP | The distribution of the Gorkha (Asterix                                                 |
| 10/78 |     | MSP | brachyurus) in the Southern Forest                                                      |
| 11/78 |     | BSN | The impact of Forest operations on the Gorkha in the Karam Forest                       |
| 12/78 |     | DWT | Five requirements of P predators feeding on the Damsel Rock Lizards                     |
| 13/78 |     | BSN | New arthropods                                                                          |
| 14/78 |     | BSN | Reproduction of P predators on the Karam Forest                                         |
| 15/78 |     | MSP | Landmark                                                                                |
| 16/78 |     | MSP | An investigation of Different planting regimes in Karam Forest                          |

# SUBJECT

25 Nov 1949

| N <sup>o</sup> | H O   | L/O  |                                                                                                                                        |
|----------------|-------|------|----------------------------------------------------------------------------------------------------------------------------------------|
| W.P.           |       |      |                                                                                                                                        |
| 19/            | 17/78 | main | Estimating pine logging dead quantity and distribution                                                                                 |
| 20/            | 18/78 | Deep | Streamflow conducting Western Scupper                                                                                                  |
| 21/            | 19/78 | May  | Fire Hazard Reduction in Radiata Pine Logging Block                                                                                    |
| 22/            | 20/78 | Bul  | Agroforestry Regimes                                                                                                                   |
| 23/            | 21/78 | En   | Effect of Intensity of Thinning on Growth and Yield of P. Radiata on Bunkland sites                                                    |
| 24/            | 22/78 | Wip  | An Examination of the Effects of Various Soil Damage on the Growth of Various Monitoring Kauri Logging and associated Soil Disturbance |
| 27/            | 24/78 | Wip  | Kauri Seed Pelleting Techniques                                                                                                        |
| 28/            | 24/78 | Wip  | Kauri Root Studies                                                                                                                     |
| 29/            | 25/78 | Wip  | Kauri P. munda munda                                                                                                                   |
| 30/            | 26/78 | Wip  | Kauri P. munda munda                                                                                                                   |
| 31/            | 26/78 | Wip  | Vegetation Reproduction of Kauri.                                                                                                      |
| 32/            | 27/78 | Wip  | High intensity fires in Bunkland.                                                                                                      |
| 33/            | 28/78 | Wip  | P. munda, munda munda (T. Burrows).                                                                                                    |
| 34/            | 29/78 | Wip  | Genotypic variation in resistance of P. munda to P. cincticornis (7 glasshouse trials, 2 field trials).                                |
| 35/            | 30/78 | Wip  | Genotype Block at Bunkland - Rehabilitation species trial (Barkley)                                                                    |
| 36/            | 31/78 | Wip  |                                                                                                                                        |
| 37/            | 31/78 | Wip  |                                                                                                                                        |
| 38/            | 31/78 | Wip  |                                                                                                                                        |
| 39/            | 31/78 | Wip  |                                                                                                                                        |

1979

4840/21/10/5

| N <sup>o</sup> | H <sup>o</sup> | L/O  | Subject                                                                                                                                                                              |
|----------------|----------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/79           |                | manj | Breast Bumping Trial.                                                                                                                                                                |
| 2/79           |                | manj | Single Species.                                                                                                                                                                      |
| 3/79           |                | manj | Broadcast seedling in Kani                                                                                                                                                           |
| 4/79           |                | manj | Kani Fertilizer Trials.                                                                                                                                                              |
| 5/79           |                | low  | Acid and acid country<br>alteration.                                                                                                                                                 |
| 6/79           |                | Ben. | Lower Abundance Trials                                                                                                                                                               |
| 7/79           |                | manj | Kani Seeding Trials.                                                                                                                                                                 |
| 8/79           |                | Dep. | Journal Vasec Study                                                                                                                                                                  |
| 9/79           |                | manj | Container Stock investigation<br>with Kani                                                                                                                                           |
| 10/79          |                | manj | Nursery Trials                                                                                                                                                                       |
| 11/79          |                | manj | Improvement of Kani Seed Production                                                                                                                                                  |
| 12/79          |                | Ben. | Site preparation methods for lower<br>establishment                                                                                                                                  |
| 13/79          |                | Ben. | Lower Cultivar Trial.                                                                                                                                                                |
| 14/79          |                | manj | High intensity with pine in Lakeview<br>area                                                                                                                                         |
| 15/79          |                | Ben. | Initial N and P fertilizer requirements,<br>in relation to mechanical placement with<br>the Response of Pines to lower and<br>various site preparation and<br>fertilizer treatments. |
| 17/79          |                | Ben. | N P Reproduction of 3 yr old P Trials                                                                                                                                                |
| 18/79          |                | /    | - P plantation                                                                                                                                                                       |



2/1/1985 14:15.

| N <sup>o</sup> |       | N <sup>o</sup> |             |
|----------------|-------|----------------|-------------|
| 19/            | 19/79 | Bm             | 1/80 B      |
| 20/            | 20/79 | Bm             |             |
| 21/            | 21/79 | Bm             | 2/80 m      |
| 22/            | 22/79 | lomo           | 3/80 m      |
| 23/            | 23/79 | lomo           | 4/80 B      |
| 24/            | 24/79 | migr           | 5/80 mig    |
| 25/            | 25/79 | lomo           | 6/80 B      |
| 26/            | 26/79 | lomo           | 7/80 also   |
| 27/            | 27/79 | lomo           | 8/80 also   |
| 28/            | 28/79 | lomo           | 9/80 B      |
| 29/            | 29/79 | lomo           | 10/80 B     |
| 30/            | 30/79 | lomo           | 11/80 B     |
| 31/            | 31/79 | lomo           | 12/80 migr  |
| 32/            | 32/79 | lomo           | 13/80 Dwp   |
| 33/            | 33/79 | lomo           | 14/80 lomo  |
| 34/            | 34/79 | lomo           | 15/80 lomo  |
| 35/            | 35/79 | lomo           | 16/80 Ydalg |
| 36/            | 36/79 | lomo           | 17/80 B     |

Pre-planting herbicide weeding trial  
Second Rotolba trial - mangrove plant-  
ation.  
weedicide trial, mangrove plant-  
ation.  
Effect of hot fires on litter and  
soil fauna  
Ecology of mangrove *Banisteria* growth  
will.  
Mangrove Rehabilitation trial.  
Pilot tests & Septine presence trials.

| No    | Date  | Title | Author                                                                                                           |
|-------|-------|-------|------------------------------------------------------------------------------------------------------------------|
|       |       |       |                                                                                                                  |
| 1/80  | 1/80  | Ben.  | The use of "Velox" as a means of controlling <i>Eucalyptus calophylla</i> regrowth in the Donnybrook Shrublands. |
| 2/80  | 2/80  | WGP   | Worm bait survey trials.                                                                                         |
| 3/80  | 3/80  | WGP   | Worm spacing trial. <i>Goodall</i>                                                                               |
| 4/80  | 4/80  | Ben.  | Agroforestry trial. - <i>Jameson</i>                                                                             |
| 5/80  | 5/80  | WGP   | Radio tracking of warblers.                                                                                      |
| 6/80  | 6/80  | Ben.  | Paradise water table in relation to <i>P. radiata</i> deaths                                                     |
| 7/80  | 7/80  | also  | Fertiliser experiment - <i>Jameson</i>                                                                           |
| 8/80  | 8/80  | also  | Overlook trials - <i>Jameson</i>                                                                                 |
| 9/80  | 9/80  | Ben.  | Strip Planting of <i>Pinus</i> as a method of restoring Agriculture and forestry.                                |
| 10/80 | 10/80 | Ben.  | Single spot trial N-P fertiliser trial - <i>P. radiata</i>                                                       |
| 11/80 | 11/80 | Ben.  | Insulation trials in <i>P. radiata</i> .                                                                         |
| 12/80 | 12/80 | WGP   | Worm thinning site damage trial                                                                                  |
| 13/80 | 13/80 | WGP   | Worm cover measurement                                                                                           |
| 14/80 | 14/80 | also  | <i>Pinus radiata</i> mycorrhizas v <i>P. cinerea</i>                                                             |
| 15/80 | 15/80 | also  | Shrublands <i>Radiata</i> Pine Biomass measurement.                                                              |
| 16/80 | 16/80 | WGP   | Survival of natural <i>Shrublands</i>                                                                            |
| 17/80 | 17/80 | Ben.  | Worms build up in the soil by slow pasture under <i>P. radiata</i>                                               |

| 44/1 | 18/80 | Lower | Manure nursery mycorrhizal inoculation trial Part I | 1/81  |
|------|-------|-------|-----------------------------------------------------|-------|
| 19/  | 19/80 | Waly  | Plastical trial                                     | 2/81  |
| 20/  | 20/80 | Deep  | Vegetation assessment in Yamagil 42                 | 3/81  |
| 21/  | 21/80 | Lower | replantement                                        | 4/81  |
| 22/  | 22/80 | Waly  | Experience Agroforestry trial                       | 5/81  |
| 23/  | 23/80 | Waly  | General stand survey.                               | 6/81  |
| 24/  | 24/80 | Waly  | General Experiment trial                            | 7/81  |
| 25/  | 25/80 | Waly  | Enrichment Plucking trial.                          | 8/81  |
| 26/  | 26/80 | Waly  | Udpan as a means of controlling weevil.             | 9/81  |
| 27/  | 27/80 | Waly  | Pross pointer hgt pruned trial, 15 12 (1983).       | 10/81 |
| 28/  | 28/80 | Waly  | Exc. Globulus presence trial                        | 11/81 |
| 29/  | 29/80 | Waly  |                                                     | 12/81 |
| 30/  | 30/80 | Waly  |                                                     | 13/81 |
| 31/  | 31/80 | Waly  |                                                     | 14/81 |
| 32/  | 32/80 | Waly  |                                                     | 15/81 |



1981

Field POP DOC  
7/17/85

| Item | Date  | Location | Description                                                                                 |
|------|-------|----------|---------------------------------------------------------------------------------------------|
|      | 1/81  | Bum      | Winkler in the Sandland Plantation                                                          |
|      | 2/81  | Worm     | Timing of 3 studies application on coastal sand for moss growth response of Pinus Pinaster. |
|      | 3/81  | Bum      | Chemical versus mechanical sand control methods                                             |
|      | 4/81  | Bum      | 1981 Agrofertility trial - Wellingham Catland                                               |
|      | 5/81  | Bum      | Growing potential of replanted Sandland                                                     |
|      | 6/81  | Worm     | Wellingham Catland Sandland response to Pheromone lures                                     |
|      | 7/81  | Worm     | Solventy Plot Study of Sandland                                                             |
|      | 8/81  | Bum      | The use of Volcan (Pheromone) and Bonnet 200 (disinfectant) for control of sandland         |
|      | 9/81  | Worm     | Ecology of natural regeneration of sandland                                                 |
|      | 10/81 | Bum      | Agrofertility Species Trial Area 2                                                          |
|      | 11/81 | Worm     | Birds                                                                                       |
|      | 12/81 | Worm     | Field Observations                                                                          |
|      | 13/81 | Worm     | Agrofertility                                                                               |
|      | 14/81 | Bum      | Long Term in variation in worm                                                              |
|      | 15/81 | Worm     | 3 in Ecology of soil and the sandland                                                       |

1982

Entered D.M. 100

| 1982 |        | 1982                                     |        |     |
|------|--------|------------------------------------------|--------|-----|
| 19/  | 1/82   | High P mining Experiment - Jordan Trial, | 18/82  | BSN |
| 20/  | 2/82   | BSN                                      | 19/82  | BSN |
| 21/  | 4/82   | MTP                                      | 20/82  | DUP |
| 22/  | 5/82   | BSN                                      | 21/82  | MTP |
| 23/  | 6/82   | BSN                                      | 22/82  | MTP |
| 24/  | 7/82   | MTP                                      | 23/82  | MTP |
| 25/  | 8/82   | BSN                                      | 24/82  | BSN |
| 26/  | 9/82   | MTP                                      | 25/82  | BSN |
| 27/  | 10/82  | BSN                                      | 26/82  | BSN |
| 28/  | 11/82  | DUP                                      | 27/82  | BSN |
| 29/  | 12/82  | DUP                                      | 28/82  | BSN |
| 30/  | 13/82  | DUP                                      | 29/82  | BSN |
| 31/  | 14/82  | MTP                                      | 30/82  | BSN |
| 32/  | 15/82  | MTP                                      | 31/82  | BSN |
| 33/  | 16/82  | MTP                                      | 32/82  | BSN |
| 34/  | 17/82  | MTP                                      | 33/82  | BSN |
| 35/  | 18/82  | MTP                                      | 34/82  | BSN |
| 36/  | 19/82  | MTP                                      | 35/82  | BSN |
| 37/  | 20/82  | MTP                                      | 36/82  | BSN |
| 38/  | 21/82  | MTP                                      | 37/82  | BSN |
| 39/  | 22/82  | MTP                                      | 38/82  | BSN |
| 40/  | 23/82  | MTP                                      | 39/82  | BSN |
| 41/  | 24/82  | MTP                                      | 40/82  | BSN |
| 42/  | 25/82  | MTP                                      | 41/82  | BSN |
| 43/  | 26/82  | MTP                                      | 42/82  | BSN |
| 44/  | 27/82  | MTP                                      | 43/82  | BSN |
| 45/  | 28/82  | MTP                                      | 44/82  | BSN |
| 46/  | 29/82  | MTP                                      | 45/82  | BSN |
| 47/  | 30/82  | MTP                                      | 46/82  | BSN |
| 48/  | 31/82  | MTP                                      | 47/82  | BSN |
| 49/  | 32/82  | MTP                                      | 48/82  | BSN |
| 50/  | 33/82  | MTP                                      | 49/82  | BSN |
| 51/  | 34/82  | MTP                                      | 50/82  | BSN |
| 52/  | 35/82  | MTP                                      | 51/82  | BSN |
| 53/  | 36/82  | MTP                                      | 52/82  | BSN |
| 54/  | 37/82  | MTP                                      | 53/82  | BSN |
| 55/  | 38/82  | MTP                                      | 54/82  | BSN |
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| 57/  | 40/82  | MTP                                      | 56/82  | BSN |
| 58/  | 41/82  | MTP                                      | 57/82  | BSN |
| 59/  | 42/82  | MTP                                      | 58/82  | BSN |
| 60/  | 43/82  | MTP                                      | 59/82  | BSN |
| 61/  | 44/82  | MTP                                      | 60/82  | BSN |
| 62/  | 45/82  | MTP                                      | 61/82  | BSN |
| 63/  | 46/82  | MTP                                      | 62/82  | BSN |
| 64/  | 47/82  | MTP                                      | 63/82  | BSN |
| 65/  | 48/82  | MTP                                      | 64/82  | BSN |
| 66/  | 49/82  | MTP                                      | 65/82  | BSN |
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| 68/  | 51/82  | MTP                                      | 67/82  | BSN |
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| 70/  | 53/82  | MTP                                      | 69/82  | BSN |
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| 72/  | 55/82  | MTP                                      | 71/82  | BSN |
| 73/  | 56/82  | MTP                                      | 72/82  | BSN |
| 74/  | 57/82  | MTP                                      | 73/82  | BSN |
| 75/  | 58/82  | MTP                                      | 74/82  | BSN |
| 76/  | 59/82  | MTP                                      | 75/82  | BSN |
| 77/  | 60/82  | MTP                                      | 76/82  | BSN |
| 78/  | 61/82  | MTP                                      | 77/82  | BSN |
| 79/  | 62/82  | MTP                                      | 78/82  | BSN |
| 80/  | 63/82  | MTP                                      | 79/82  | BSN |
| 81/  | 64/82  | MTP                                      | 80/82  | BSN |
| 82/  | 65/82  | MTP                                      | 81/82  | BSN |
| 83/  | 66/82  | MTP                                      | 82/82  | BSN |
| 84/  | 67/82  | MTP                                      | 83/82  | BSN |
| 85/  | 68/82  | MTP                                      | 84/82  | BSN |
| 86/  | 69/82  | MTP                                      | 85/82  | BSN |
| 87/  | 70/82  | MTP                                      | 86/82  | BSN |
| 88/  | 71/82  | MTP                                      | 87/82  | BSN |
| 89/  | 72/82  | MTP                                      | 88/82  | BSN |
| 90/  | 73/82  | MTP                                      | 89/82  | BSN |
| 91/  | 74/82  | MTP                                      | 90/82  | BSN |
| 92/  | 75/82  | MTP                                      | 91/82  | BSN |
| 93/  | 76/82  | MTP                                      | 92/82  | BSN |
| 94/  | 77/82  | MTP                                      | 93/82  | BSN |
| 95/  | 78/82  | MTP                                      | 94/82  | BSN |
| 96/  | 79/82  | MTP                                      | 95/82  | BSN |
| 97/  | 80/82  | MTP                                      | 96/82  | BSN |
| 98/  | 81/82  | MTP                                      | 97/82  | BSN |
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| 100/ | 83/82  | MTP                                      | 99/82  | BSN |
| 101/ | 84/82  | MTP                                      | 100/82 | BSN |
| 102/ | 85/82  | MTP                                      | 101/82 | BSN |
| 103/ | 86/82  | MTP                                      | 102/82 | BSN |
| 104/ | 87/82  | MTP                                      | 103/82 | BSN |
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| 166/ | 149/82 | MTP                                      | 165/82 | BSN |
| 167/ | 150/82 | MTP                                      | 166/82 | BSN |
| 168/ | 151/82 | MTP                                      | 167/82 | BSN |
| 169/ | 152/82 | MTP                                      | 168/82 | BSN |
| 170/ | 153/82 | MTP                                      | 169/82 | BSN |
| 171/ | 154/82 | MTP                                      | 170/82 | BSN |
| 172/ | 155/82 | MTP                                      | 171/82 | BSN |
| 173/ | 156/82 | MTP                                      | 172/82 | BSN |
| 174/ | 157/82 | MTP                                      | 173/82 | BSN |
| 175/ | 158/82 | MTP                                      | 174/82 | BSN |
| 176/ | 159/82 | MTP                                      | 175/82 | BSN |
| 177/ | 160/82 | MTP                                      | 176/82 | BSN |
| 178/ | 161/82 | MTP                                      | 177/82 | BSN |
| 179/ | 162/82 | MTP                                      | 178/82 | BSN |
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| 181/ | 164/82 | MTP                                      | 180/82 | BSN |
| 182/ | 165/82 | MTP                                      | 181/82 | BSN |
| 183/ | 166/82 | MTP                                      | 182/82 | BSN |
| 184/ | 167/82 | MTP                                      | 183/82 | BSN |
| 185/ | 168/82 | MTP                                      | 184/82 | BSN |
| 186/ | 169/82 | MTP                                      | 185/82 | BSN |
| 187/ | 170/82 | MTP                                      | 186/82 | BSN |
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| 190/ | 173/82 | MTP                                      | 189/82 | BSN |
| 191/ | 174/82 | MTP                                      | 190/82 | BSN |
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| 193/ | 176/82 | MTP                                      | 192/82 | BSN |
| 194/ | 177/82 | MTP                                      | 193/82 | BSN |
| 195/ | 178/82 | MTP                                      | 194/82 | BSN |
| 196/ | 179/82 | MTP                                      | 195/82 | BSN |
| 197/ | 180/82 | MTP                                      | 196/82 | BSN |
| 198/ | 181/82 | MTP                                      | 197/82 | BSN |
| 199/ | 182/82 | MTP                                      | 198/82 | BSN |
| 200/ | 183/82 | MTP                                      | 199/82 | BSN |
| 201/ | 184/82 | MTP                                      | 200/82 | BSN |
| 202/ | 185/82 | MTP                                      | 201/82 | BSN |
| 203/ | 186/82 | MTP                                      | 202/82 | BSN |
| 204/ | 187/82 | MTP                                      | 203/82 | BSN |
| 205/ | 188/82 | MTP                                      | 204/82 | BSN |
| 206/ | 189/82 | MTP                                      | 205/82 | BSN |
| 207/ | 190/82 | MTP                                      | 206/82 | BSN |
| 208/ | 191/82 | MTP                                      | 207/82 | BSN |
| 209/ | 192/82 | MTP                                      | 208/82 | BSN |
| 210/ | 193/82 | MTP                                      | 209/82 | BSN |
| 211/ | 194/82 | MTP                                      | 210/82 | BSN |
| 212/ | 195/82 | MTP                                      | 211/82 | BSN |
| 213/ | 196/82 | MTP                                      | 212/82 | BSN |
| 214/ | 197/82 | MTP                                      | 213/82 | BSN |
| 215/ | 198/82 | MTP                                      | 214/82 | BSN |
| 216/ | 199/82 | MTP                                      | 215/82 | BSN |
| 217/ | 200/82 | MTP                                      | 216/82 | BSN |
| 218/ | 201/82 | MTP                                      | 217/82 | BSN |
| 219/ | 202/82 | MTP                                      | 218/82 | BSN |
| 220/ | 203/82 | MTP                                      | 219/82 | BSN |
| 221/ | 204/82 | MTP                                      | 220/82 | BSN |
| 222/ | 205/82 | MTP                                      | 221/82 | BSN |
| 223/ | 206/82 | MTP                                      | 222/82 | BSN |
| 224/ | 207/82 | MTP                                      | 223/82 | BSN |
| 225/ | 208/82 | MTP                                      | 224/82 | BSN |
| 226/ | 209/82 | MTP                                      | 225/82 | BSN |
| 227/ | 210/82 | MTP                                      | 226/82 | BSN |
| 228/ | 211/82 | MTP                                      | 227/82 | BSN |
| 229/ | 212/82 | MTP                                      | 228/82 | BSN |
| 230/ | 213/82 | MTP                                      | 229/82 | BSN |
| 231/ | 214/82 | MTP                                      | 230/82 | BSN |
| 232/ | 215/82 | MTP                                      | 231/82 | BSN |
| 233/ | 216/82 | MTP                                      | 232/82 | BSN |
| 234/ | 217/82 | MTP                                      | 233/82 | BSN |
| 235/ | 218/82 | MTP                                      | 234/82 | BSN |
| 236/ | 219/82 | MTP                                      | 235/82 | BSN |
| 237/ | 220/82 | MTP                                      | 236/82 | BSN |
| 238/ | 221/82 | MTP                                      | 237/82 | BSN |
| 239/ | 222/82 | MTP                                      | 238/82 | BSN |
| 240/ | 223/82 | MTP                                      | 239/82 | BSN |
| 241/ | 224/82 | MTP                                      | 240/82 | BSN |
| 242/ | 225/82 | MTP                                      | 241/82 | BSN |
| 243/ | 226/82 | MTP                                      | 242/82 | BSN |
| 244/ | 227/82 | MTP                                      | 243/82 | BSN |
| 245/ | 228/82 | MTP                                      | 244/82 | BSN |
| 246/ | 229/82 | MTP                                      | 245/82 | BSN |
| 247/ | 230/82 | MTP                                      | 246/82 | BSN |
| 248/ | 231/82 | MTP                                      | 247/82 | BSN |
| 249/ | 232/82 | MTP                                      | 248/82 | BSN |
| 250/ | 233/82 | MTP                                      | 249/82 | BSN |
| 251/ | 234/82 | MTP                                      | 250/82 | BSN |
| 252/ | 235/82 | MTP                                      | 251/82 | BSN |
| 253/ | 236/82 | MTP                                      | 252/82 | BSN |
| 254/ | 237/82 | MTP                                      | 253/82 | BSN |
| 255/ | 238/82 | MTP                                      | 254/82 | BSN |
| 256/ | 239/82 | MTP                                      | 255/82 | BSN |
| 257/ | 240/82 | MTP                                      | 256/82 | BSN |
| 258/ | 241/82 | MTP                                      | 257/82 | BSN |
| 259/ | 242/82 | MTP                                      | 258/82 | BSN |
| 260/ | 243/82 | MTP                                      | 259/82 | BSN |
| 261/ | 244/82 | MTP                                      | 260/82 | BSN |
| 262/ | 245/82 | MTP                                      | 261/82 | BSN |
| 263/ | 246/82 | MTP                                      | 262/82 | BSN |
| 264/ | 247/82 | MTP                                      | 263/82 | BSN |
| 265/ | 248/82 | MTP                                      | 264/82 | BSN |
| 266/ | 249/82 | MTP                                      | 265/82 | BSN |
| 267/ | 250/82 | MTP                                      | 266/82 | BSN |
| 268/ | 251/82 | MTP                                      | 267/   |     |





1982 continued

|       |     |                                                                                                                          |
|-------|-----|--------------------------------------------------------------------------------------------------------------------------|
| 35/82 | BSN | The effect of form forming and branch at forming on branch growth of <i>Pinus radiata</i> .                              |
| 36/82 | MTP | The effect of soil minor ( <i>Pectisera coronata</i> ) on growth against in low filled area.                             |
| 37/82 | DWP | Monitoring Herbicide spraying                                                                                            |
| 38/82 | BSN | Tree maculata premature trials                                                                                           |
| 39/82 | BSN | Chemical control of epicormic shoots on four year old Pines plantation, geographical variation in thickness of canopies. |
| 40/82 | BSN | Role damage to forest caused by summer fires (perfect approximation)                                                     |
| 41/82 | DWP | Woodland and soil - ground retention study                                                                               |
| 42/82 | BSN | Deforestation and exposure                                                                                               |
| 43/82 | BSN | Phase III Species Trial                                                                                                  |
| 44/82 | BSN | The effect of ground height on growth of <i>P. radiata</i> at wide spacing                                               |
| 45/82 | BSN | Optimum rate of "Rembank" and "Jordan 5-10G" to control sunlight against by the foliage along matted.                    |
| 46/82 | BSN | Optimum concentration of "Rembank" and "Jordan 5-10G" for controlling sunlight against by the cut-stemmed matted.        |
| 47/82 | BSN |                                                                                                                          |

| No.   | L/O |    |
|-------|-----|----|
| 1/83  | MTP | Lo |
| 2/83  | MTP | Lo |
| 3/83  | BSN | Lo |
| 4/83  | BSN | Lo |
| 5/83  | BSN | Lo |
| 6/83  | BSN | Lo |
| 7/83  | BSN | Lo |
| 8/83  | BSN | Lo |
| 9/83  | BSN | Lo |
| 10/83 | BSN | Lo |
| 11/83 | BSN | Lo |
| 12/83 | BSN | Lo |
| 13/83 | BSN | Lo |
| 14/83 | BSN | Lo |
| 15/83 | BSN | Lo |
| 16/83 | BSN | Lo |
| 17/83 | BSN | Lo |

$$\begin{array}{c} \text{---} \\ \text{---} \end{array}$$

Subject

[illegible]

1983

SUBJECT

| No.   | Loc   | SUBJECT                                                                                                                                            |          |               |       |   |        |         |     |       |
|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|-------|---|--------|---------|-----|-------|
| 18/83 | MTP   | General                                                                                                                                            | Seeding  | Establishment | Grill | 1 | 3/6/83 | Wip     | Wip |       |
| 19/83 | MTP   | Seeding                                                                                                                                            | Seeded   | General       |       | 1 |        |         |     |       |
| 20/83 | MTP   | General                                                                                                                                            | Planting | Establishment | Grill | 1 | 3/7/83 | Wip     | Be  |       |
| 21/83 | Wip   |                                                                                                                                                    |          |               |       |   |        |         |     |       |
| 22/83 | Grass | Kumatah Station plant introduction                                                                                                                 |          |               |       |   | 1      | 3/8/83  | Wip | P     |
| 23/83 | Low   | Trial - K1                                                                                                                                         |          |               |       |   |        | 3/9/83  | Low | Grass |
| 24/83 | Low   | The effect of phosphorus supply on the distribution and redistribution of phosphorus in the tops of young P radiata during the annual growth cycle |          |               |       |   |        |         |     | Grass |
| 25/83 | Wip   | Examination of the annual cycle of dry matter production, nutrient accumulation distribution in young P radiata growing on the Donnybrook mudland  |          |               |       |   |        | 4/1/83  | Wip | P     |
| 26/83 | Wip   | Simultaneous growth 1R and 2R stands on adjacent sites in marginal and good yellow sand at Yaverley                                                |          |               |       |   |        | 4/2/83  | Low | Grass |
| 27/83 | Wip   | Bark leaf penetration of Banksia grandis                                                                                                           |          |               |       |   |        | 1/8/84  | Low | Grass |
| 28/83 | Wip   | Willow                                                                                                                                             |          |               |       |   |        | 2/8/84  | Wip | Grass |
| 29/83 | Wip   | Fire resistance of Banksia grandis                                                                                                                 |          |               |       |   |        | 3/8/84  | Wip | Grass |
| 30/83 | Wip   | Willow                                                                                                                                             |          |               |       |   |        |         |     |       |
| 31/83 | Wip   | The effect of initial stocking on the future growth of P radiata crop trees                                                                        |          |               |       |   |        | 4/8/84  | Wip | Grass |
| 32/83 | Wip   | Effect of cultivation and fertilisation on marginal sites at Pingen                                                                                |          |               |       |   |        | 5/8/84  | Wip | Grass |
| 33/83 | Wip   | RETAINED AT RECORD 6/9/82                                                                                                                          |          |               |       |   |        |         |     |       |
| 34/83 | Wip   | New commercial thinning of P radiata                                                                                                               |          |               |       |   |        |         |     |       |
| 35/83 | Wip   | Relaxation Performance and Stress Monitoring                                                                                                       |          |               |       |   |        | 6/8/84  | Wip | Grass |
| 36/83 | Wip   | General Site Classification Project                                                                                                                |          |               |       |   |        |         |     |       |
| 37/83 | Wip   | Combination of humus and Jordan Under Control                                                                                                      |          |               |       |   |        | 7/8/84  | Wip | Grass |
| 38/83 | Wip   | Grass Killing Standing General Poll                                                                                                                |          |               |       |   |        |         |     |       |
| 39/83 | Wip   | Long Term monitoring of impact of P hydrophobic                                                                                                    |          |               |       |   |        | 8/8/84  | Wip | Grass |
| 40/83 | Wip   | Cinnamome                                                                                                                                          |          |               |       |   |        |         |     |       |
| 41/83 | Wip   | Understory Shading - Vol Park Rehab                                                                                                                |          |               |       |   |        | 9/8/84  | Wip | Grass |
| 42/83 | Wip   | Wip                                                                                                                                                |          |               |       |   |        | 14/8/83 | Wip | Grass |



|     |        |                           |                                                                                                                                                                                       |
|-----|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ✓   | 3/6/83 | Wip                       | moisture content determination drying                                                                                                                                                 |
| ✓   |        |                           | trial of litter fuels ✓                                                                                                                                                               |
| ✓   | 3/7/83 | Wip                       | Bank Sticks - formal & mani ✓                                                                                                                                                         |
| ✓   | 3/8/83 | Wip                       | Propagation of <i>Securidaphna</i> Reinforce<br>and <i>E. maculata</i> ✓                                                                                                              |
| the | 3/9/83 | low                       | Recovering Pinna radiata for resistance<br>to Phytophthora cinamomni; field                                                                                                           |
| the |        |                           | in relation of established trees in the<br>Sundlands.                                                                                                                                 |
| ✓   | 4/3/83 | Dup                       | Prediction of impact of <i>P. cinamomni</i><br>from site indication.                                                                                                                  |
| ✓   | 4/1/83 | <sup>CS 140.</sup><br>Dye | Outplant trial of stem-propagated <i>Scaphylothe</i><br><i>marginata</i> , <i>mandra</i> and <i>canadabacca</i> in <i>lunatic</i>                                                     |
| ✓   | 4/2/83 | low                       | Art representing at <i>lunatic</i> ; in the conservation of<br>demonstration of the average and variation of<br>moisture contents and carbohydrates in the above <i>E. maculata</i> . |
| ✓   | 1/8/84 | low.                      | Rec. from previous trials                                                                                                                                                             |
| ✓   | 2/8/84 | Wip                       | Flam. Regrowth & soil Drying trial                                                                                                                                                    |
| ✓   | 3/3/84 | Wip                       | The effect of thinning, fertilizing and<br>copper control on the growth and form<br>of the crop trees                                                                                 |
| ✓   | 4/4/84 | Dup                       | variation in transpiration with species<br>on sites with shallow water table                                                                                                          |
| ✓   | 5/8/84 | Dup                       | & soil testing soil treatment losses<br>of <i>Euc. canadabacca</i>                                                                                                                    |
| ✓   | 6/8/84 | Wip                       | Does hollow availability limit seedling<br>of <i>Pinus</i> in regeneration <i>Flam. forest</i> .                                                                                      |
| ✓   | 7/8/84 | Wip                       | measuring <i>Flam. wallaby</i> habitat using<br>marked burning.                                                                                                                       |
| ✓   | 8/8/84 | Wip                       | Seasonal changes in <i>termite</i> activity and<br>their availability to <i>mulch</i> .                                                                                               |
| ✓   | 9/8/84 | Dup                       | comparision of <i>Romulus</i> and <i>Sordus</i> in <i>india</i><br>control for <i>gelling</i> standing <i>formal</i> and<br><i>manic</i> <i>Pala</i> .                                |

|     |   |       |      |                                                                                                                                 |       |      |
|-----|---|-------|------|---------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 1/1 | 3 | 10/84 | Deep | Demonstration of the Benefit of Blasting<br>impeding canopy layer on high impact<br>dieback rates                               | 25/84 | Deep |
| 19/ | 3 | 11/84 | Deep | Shading Trial as in 1984                                                                                                        | 26/84 | Deep |
| 20/ | 3 | 12/84 | Deep | General 3-4 Kilowatt Trials 1984                                                                                                |       |      |
| 21/ | 3 | 13/84 | Deep | General experiment and lignotuber development<br>trial                                                                          | 27/84 | Deep |
| 22/ | 3 | 14/84 | Deep | Assessment of root damage to kauri<br>trees growing on P.C. impacted sites                                                      | 28/84 | Deep |
| 23/ | 3 | 15/84 | Deep | Canopy deterioration and growth effects<br>of the kauri leaf miner                                                              | 29/84 | Deep |
| 24/ | 3 | 16/84 | Deep | Hydrological study of the kauri<br>cathart relating quality and quantity of<br>landscape and forest treatment                   | 30/84 | Deep |
| 25/ | 3 | 17/84 | Deep | Shrubland Phase III Site Trial                                                                                                  | 31/84 | Deep |
| 26/ | 3 | 18/84 | Deep | Height growth of kauri in present ground<br>surface in relation to simulated grazing<br>intensity                               | 32/84 | Deep |
| 27/ | 3 | 19/84 | Deep | Comparison of three methods sampling of<br>leaves: removal of lenticles) of sampling<br>insects from the canopy of kauri poles. | 33/84 | Deep |
| 28/ | 3 | 20/84 | Deep | Leaf dynamics of kauri in relation<br>to impact of kauri leaf miner                                                             | 34/84 | Deep |
| 29/ | 3 | 21/84 | Deep | Investigating into the relationship between<br>bird communities vegetation structure & canopy<br>loss                           | 35/84 | Deep |
| 30/ | 3 | 22/84 | Deep | 3rd Harvest reduction by seed rolling and<br>burning                                                                            | 36/84 | Deep |
| 31/ | 3 | 23/84 | Deep | Hillside hydrology differences between a<br>high and moderate Pityrogramma inundation<br>impact area                            | 37/84 | Deep |
| 32/ | 3 | 24/84 | Deep | Long term monitoring of Pityrogramma inundation<br>impact in a moderate impact area                                             | 38/84 | Deep |



|       |      |                                                                                                                   |
|-------|------|-------------------------------------------------------------------------------------------------------------------|
| 25/84 | Deep | Long term monitoring of <i>Phytolacca</i> cinnamomi in a moderate and high impact area.                           |
| 26/84 | Deep | To compare the depth of root system with the depth of C.C.A. preservative penetration into 'small' regrowth logs. |
| 27/84 | Low  | Effect of small leaf miner on growth of small incipient ground coppies of <i>P.</i>                               |
| 28/84 | Low  | The number of leaves present on small saplings and poles                                                          |
| 29/84 | Deep | Investigation of the extent of log and splitting of mature and regrowth blocks                                    |
| 30/84 | Deep | REMOVED AT RECORD 6/5/92<br>The reasoning of mature and regrowth                                                  |
| 31/84 | Deep | sheal using a low and high temperature                                                                            |
|       |      | logs and air drying                                                                                               |
|       |      | REMOVED AT RECORD 6/5/92<br>Reasoning of mature and regrowth                                                      |
|       |      | sheal using a dehumidified kiln                                                                                   |
|       |      | and log air drying                                                                                                |
| 32/84 | Low  | Ecological globulus family/presence trials                                                                        |
| 33/84 | Low  | Ecological acedus family/presence trials                                                                          |
| 34/84 | Low  | Ecological canelularia presence trial                                                                             |
| 35/84 | Low  | Changes of <i>Phytolacca</i> cinnamomi impact with time and climatic and                                          |
| 36/84 | Deep | waterway. Stabilization by non-mature vegetation                                                                  |
| 37/84 | Deep | Comparison of "Roundup" and Jordan                                                                                |
|       |      | limber control for killing standing                                                                               |
| *     |      | small and mature poles in summer.                                                                                 |
| 38/84 | Low  | The effect of nitrogen supply and nitrogen                                                                        |
|       |      | source on the growth and nitrogen distribution                                                                    |
|       |      | and redistribution in <i>P. Radicata</i>                                                                          |



|       |       |      |                                                                                                                                                     |       |      |
|-------|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 1/35  | 2/85  | Low  | Comparison of insect damage to forest ground cover in the southern and northern forest                                                              | 1/85  | Deep |
| 2/35  |       |      | Comparison of insect damage to various species of eucalypt near Mangrove and selected chemical preparation in relation to aging of the forest leaf. | 15/85 | Deep |
| 3/35  | 3/85  | Low  | Reproduction of forest to rapid succession - invasion by PC on different vegetation site types.                                                     | 27/85 | Deep |
| 4/35  | 7/85  | Low  | Effect of thinning on growth and activity of forest and its susceptibility to PC                                                                    | 21/85 | Deep |
| 5/35  | 8/85  | Low  | Post thinning response to nitrogen and phosphorus fertilization by P radiata in hills plantation                                                    | 23/85 | Low  |
| 6/35  | 9/85  | Deep | Long term monitoring of a conifer area near Deer Park for PC impact.                                                                                | 24/85 | Low  |
| 7/35  | 10/85 | Deep | Murray River site Rehabilitation and P protection                                                                                                   |       |      |
| 8/35  | 11/85 | Deep | Site Preparation of Clear Felled Stand                                                                                                              | 25/85 | Deep |
| 9/35  | 12/85 | Deep | Ecological trials with Eucalypt                                                                                                                     | 26/85 | Deep |
| 10/35 | 13/85 | Low  | Establishment of P radiata in pasture land.                                                                                                         |       |      |
| 11/35 | 14/85 | Deep | Baseline pit rehabilitation, tree seedling response to fertilization P and P fertilization                                                          | 27/85 | Deep |
| 12/35 | 15/85 | Deep | Operational preparedness in response to forest fire                                                                                                 |       |      |
| 13/35 | 16/85 | Low  | Recovery of nutrients absorption by P. radiata in relation to timing of fertilization                                                               | 28/85 | Deep |
| 14/35 | 17/85 | Low  | Effect of phosphorus supply on dry matter accumulation and phosphorus concentration in needles                                                      |       |      |

|       |                     |     |
|-------|---------------------|-----|
| ethi  | 18/85               | Dry |
| to    |                     |     |
| ing   |                     |     |
| age   | 19/85               | Dry |
| in    | 20/85, 20/85, 20/85 |     |
| leaf, | 20/85               | Dry |
| l     |                     |     |
| flow  | 21/85               | wy  |
| iel   | 22/85               | Ban |
| ility |                     |     |
| illa  | 23/85               | low |
| near  |                     |     |
| when  | 24/85               | low |
| can   | 25/85               | wy  |
| ka    | 26/85               | Dry |
| ing   | 27/85               | Ban |
| ly    |                     |     |
| 27/85 |                     |     |
| in    | 28/85               | Ban |
| in    |                     |     |
| in    |                     |     |

For investigate moisture variation growth stress change and log degradation in hardwood thinning. General, low and medium canopy logs either stored under water spray along stratified or pool near the reasoning of mature general, regrowth general, medium and low log - tunnel like and log laboratory high temperature like Effect of general forest density on canopy interception loss of rainfall. Prescribed burning of young low regrowth Effect of site preparation and fertilization on the survival and growth of Pinus radiata on second rotation to 20 sites on yellow sands

The annual cycle of abundance and composition of the insect fauna of the southern general forest canopy with special reference to the local fauna.

Comparison of insect abundance 12 M above ground in canopy of subdominant general (pale) and within 2 M of the ground level Forest Area Thinning trial Relationship between surface indicators characteristics of the soil profile below the dominant surface and end impact of P. C.

The reasoning of mature general log tunnel filling and log laboratory high temperature filling

The reasoning of regrowth general, medium and low log tunnel filling and log laboratory high temperature filling



|    |   |       |                                                                                                       |       |   |
|----|---|-------|-------------------------------------------------------------------------------------------------------|-------|---|
| 18 |   |       | Establishment of journal/margin forest on rehabilitated landsite its by direct seeding.               |       |   |
| 19 | 3 | 29/85 | Diap.                                                                                                 | 46/85 | D |
| 20 | 3 | 30/85 | Diap.                                                                                                 | 47/85 | D |
| 21 |   |       | Rehabilitation of the diachal degraded women settlement and its effect on water quality and quantity. | 48/85 | D |
| 22 | 3 | 31/85 | Diap.                                                                                                 | 49/85 | D |
| 23 | 3 | 32/85 | Line                                                                                                  |       |   |
| 24 | 3 | 33/85 | Como                                                                                                  |       |   |
| 25 | 3 | 34/85 | Diap.                                                                                                 |       |   |
| 26 | 4 | 35/85 | Diap.                                                                                                 |       |   |
| 27 | 2 | 36/85 | Diap.                                                                                                 |       |   |
| 28 | 4 | 37/85 | Diap.                                                                                                 |       |   |
| 29 | 4 | 38/85 | Como.                                                                                                 |       |   |
| 30 | 4 | 39/85 | Diap.                                                                                                 |       |   |
| 31 | 4 | 40/85 | Diap.                                                                                                 |       |   |
| 32 | 4 | 41/85 | Diap.                                                                                                 |       |   |
| 33 | 4 | 42/85 | Como                                                                                                  |       |   |
| 34 | 4 | 43/85 | Como                                                                                                  |       |   |
| 35 | 4 | 44/85 | Margin                                                                                                |       |   |
| 36 | 4 | 45/85 | Diap.                                                                                                 |       |   |

Effect of concentration of herbicide and stand density on efficiency of roundup for killing jarrah shrub coppice by foliar spray.

The effect of notch spacing on the success of notching with roundup herbicide.

Comparison of "roundup" and "torlon timber control" for killing standing jarrah and mallee poles in winter (mallee trials).

The effect of roundup dose on its ability to kill standing jarrah and mallee poles in winter using the notching method (Mallee trials).

The effect of coverage of foliar spray of roundup on its ability to kill coppice (Mallee trials).

The effect of fire on the success of notching jarrah and mallee with roundup herbicide (Mallee trials).

Resistance of *E. marginata* to *P. cinereus*.

Effect of Nitrogen or phosphorus supply on growth and nutrient concentration in *Leucaena* seedlings.

Jarrah regeneration enrichment trials.

Comparison of roundup and torlon timber control for killing standing jarrah and mallee poles in spring.

|       |    |
|-------|----|
| 16/86 | Ma |
| 11/86 | Ma |
| 12/86 | Ma |
| 13/86 | Ma |
| 14/86 | Ma |
| 15/86 | Ma |
| 16/86 | Ma |



|          |       |        |                                                                                                                        |
|----------|-------|--------|------------------------------------------------------------------------------------------------------------------------|
| Forest   | 4/85  | Bur.   | Comparison of roundup and tordon timber control for killing standing jarak and mami poles in summer                    |
|          | 4/85  | Bur.   | Comparison of roundup and tordon timber control for killing standing jarak and mami poles in Autumn                    |
| Model    | 4/85  | Bur.   | The effect of concentration of foliar spray roundup and nitrogen on their ability to kill jarak saplings in summer     |
| Model    | 4/85  | Bur.   | The effect of concentration of foliar spray of roundup and nitrogen on their ability to kill jarak saplings in autumn. |
|          | 1/86  | Bur.   | Form and growth rate of selected cutting and routine seedlings of p. rubra in agroforestry                             |
| Reaction | 2/86  | Bur.   | Timber and agricultural production from fire stand densities of pine agroforestry in the Mawmyi area.                  |
| Survival | 3/86  | Mawmyi | Response of hydrologically important measures of forest density.                                                       |
| Survival | 4/86  | Bur.   | Eucalyptus accendens family / provenance trials.                                                                       |
|          | 5/86  | Bur.   | Eucalyptus pilularis family / provenance trials                                                                        |
| "        | 6/86  | Mawmyi | Jarak lignotubers and root development study                                                                           |
| Winter   | 7/86  | Bur.   | Assessing and versus planting trial using thinnings from singlepole plots, Daddlingy District                          |
| Survival | 8/86  | Bur.   | Moisture content of jarak logging residues                                                                             |
| Survival | 9/86  | Bur.   | Effect of drying method on hygroscopicity of W.A. sheath and bark                                                      |
| Survival | 10/86 | Mawmyi | Flammability and chemistry of jarak understorey species                                                                |
| Survival | 11/86 | Mawmyi | Fuel accumulation rates in Burmese woodlands                                                                           |
| Survival | 12/86 | Mawmyi | Long term fire effect on vegetation in the Southern Forest Region                                                      |
| Survival | 13/86 | Mawmyi | Survey of fuels in the jarak forest belt.                                                                              |
| Survival | 14/86 | Mawmyi | Factors contributing to the development of spot fires from burning embers                                              |
| Survival | 15/86 | Mawmyi | A computer based wild fire information storage and retrieval system.                                                   |
| Survival | 16/86 | Mawmyi | The use of fire to suppress pine wildling                                                                              |

| No. | Date  | Location | Notes                                                                                    | Date  | Location |
|-----|-------|----------|------------------------------------------------------------------------------------------|-------|----------|
| 1   | 17/86 | Mangi    | Fuel accumulation rates in Banasia woodlands                                             | 35/86 | Ban      |
| 2   | 18/86 | Mangi    | Wheat loss rate of woody fuel                                                            |       |          |
| 3   | 19/86 | Mangi    | Site types in katti regeneration areas                                                   |       |          |
| 4   | 20/86 | Ban      | The assessment of volume of product recovery following                                   | 36/86 | Ban      |
| 5   | 21/86 | Mangi    | assessing of stockpiled regrowth jatrak, mangi of                                        | 37/86 | Ban      |
| 6   | 22/86 | Mangi    | katti mature jatrak and freshly felled regrowth                                          |       |          |
| 7   | 23/86 | Mangi    | jatrak saplings                                                                          | 38/86 | Ban      |
| 8   | 24/86 | Mangi    | Chemical properties of some important jatrak                                             | 39/86 | Ban      |
| 9   | 25/86 | Mangi    | forest understorey species                                                               |       |          |
| 10  | 26/86 | Mangi    | Controlling pine wildings using fire                                                     | 40/86 | Ban      |
| 11  | 27/86 | Mangi    | fuel accumulation rate in southern flat                                                  | 41/86 | Ban      |
| 12  | 28/86 | Mangi    | The impact of repeated defoliations on the wood                                          | 42/86 | Ban      |
| 13  | 29/86 | Mangi    | growth of jatrak saplings                                                                |       |          |
| 14  | 30/86 | Mangi    | The effect of plant spacing on the form of the stem                                      | 43/86 | Ban      |
| 15  | 31/86 | Mangi    | and tree development of katti (manglika)                                                 |       |          |
| 16  | 1/87  | Mangi    | diversifier, F. mull.) up until age 15 years                                             |       |          |
| 17  | 2/87  | Mangi    | Strength properties of regrowth manglika                                                 | 44/86 | Ban      |
| 18  | 3/87  | Mangi    | Operational trial of shelter cup seedling and                                            |       |          |
| 19  | 4/87  | Mangi    | evaluation of coloured cups                                                              |       |          |
| 20  | 5/87  | Mangi    | The parasites of gum leaf skeletonizer (Anthonomus) in the southern jatrak forest. Their | 45/86 | Ban      |
| 21  | 6/87  | Mangi    | identification, relative abundance, target in the                                        |       |          |
| 22  | 7/87  | Mangi    | life cycle of A. lugens and effect on mortality                                          | 46/86 | Ban      |
| 23  | 8/87  | Mangi    | Effect of roundup dose on kill of standing jatrak                                        |       |          |
| 24  | 9/87  | Mangi    | or Manni holes in                                                                        | 47/86 | Ban      |
| 25  | 10/87 | Mangi    | Effect of roundup dose on ability to kill standing                                       | 48/86 | Ban      |
| 26  | 11/87 | Mangi    | jatrak or Manni                                                                          |       |          |
| 27  | 12/87 | Mangi    | Effect of roundup dose                                                                   | 49/86 | Ban      |
| 28  | 13/87 | Mangi    | Establishment of jatrak / mangi forest on old leavite                                    |       |          |
| 29  | 14/87 | Mangi    | rich by direct se                                                                        | 50/86 | Ban      |
| 30  | 15/87 | Mangi    | Rehabilitation management jatrakdale 1986 - manglika                                     |       |          |
| 31  | 16/87 | Mangi    | Program                                                                                  |       |          |
| 32  | 17/87 | Mangi    | Controlled release fertilizers 1986 - two phase system                                   |       |          |



|      |        |        |                                                                                                                              |
|------|--------|--------|------------------------------------------------------------------------------------------------------------------------------|
| side | 35/86  | Bark,  | Duration of response to nitrogen fertilizer by trees growing on                                                              |
| ing  | 36/86  | Bark.  | Establishing understorey species and eucalypts from seed on older silt                                                       |
| with | 37/86  | Bark.  | Establishment of jarrah/mallee forest on rehabilitated bauxite pits by                                                       |
|      | 38/86  | Bark.  | Operational trials of direct eucalypt seedling (1986)                                                                        |
|      | 39/86  | Canoe. | Canoe predators of the caterpillars of the gum-lined Abolitionists                                                           |
|      | 40/86  | Canoe. | Egg-laying habits of <i>Utrata lugens</i> in jarrah in the southern jarrah forest of Western Australia                       |
|      | 41/86  | Canoe. | Survivability of W.A. - grown timber species from graded reserves from <i>P. radiata</i> grown in agroforestry stands        |
|      | 42/86  | Canoe. | Effects of site preparation, inoculation and thinning of fertilizers                                                         |
|      | 43/86  | Canoe. | Broad-scale direct-seeding techniques to establish native trees and shrubs on rehabilitated farmland in the wheat belt.      |
|      | 44/86  | Canoe. | Effect of planting depth and seedling age on the survival of <i>P. radiata</i> seedlings at Ningbo, Harbin, and on 2R sites. |
|      | 45/86  | Canoe. | Comparison of growth and establishment of trees seed on rehabilitated pasture sites within the Murrumbidgee                  |
|      | 46/86  | Canoe. | Seed classification of Southern states                                                                                       |
|      | 47/86  | Canoe. | Changes in TSS content and soil physical conditions in high                                                                  |
|      | 48/86  | Canoe. | Mounts.                                                                                                                      |
|      | 49/86  | Canoe. |                                                                                                                              |
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| 1/3 | 51/86 |         |                                                                                                                                                                            | 6/86  | Comp<br>Jan 01 |
| 2   | 52/86 |         |                                                                                                                                                                            | 61/86 | Mang           |
| 2   | 53/86 | Cellie  | Growing Eucalyptus into a <i>Platanus</i>                                                                                                                                  | 63/86 | Mang           |
| 2   |       |         |                                                                                                                                                                            | 64/86 | Mang           |
| 2   | 54/86 |         |                                                                                                                                                                            | 70/86 | Cellie         |
| 2   |       |         |                                                                                                                                                                            | 72/86 | Duell          |
| 2   |       |         |                                                                                                                                                                            | 73/86 | Duell          |
| 4   | 55/86 | Conc    | Rate of Bark 'Turnover' in <i>Two Eucalypt</i>                                                                                                                             | 74/86 | Duell          |
| 4   | 56/86 | Cellie  | Effects of salt leaching from dead <i>Mimosa</i> on tree to tallbushment                                                                                                   | 75/86 | Duell          |
| 4   | 57/86 | Conc    | Diameter growth of <i>Jarrah</i> poles resistant and susceptible to <i>Jarrah</i> <i>beetles</i>                                                                           | 76/86 | Duell          |
| 4   | 58/86 | Paragon | A pilot study to collect adult species living in <i>Eucalyptus</i> <i>thickets</i> .                                                                                       | 77/86 | Duell          |
| 4   | 59/86 | Mang    | Survey of the incidence of <i>insects</i> of the <i>lower trophocenter</i> <i>insects</i> in <i>low</i> - aged <i>humid</i> <i>thicket</i> .                               | 78/86 | Paragon        |
| 4   | 60/86 | Mang    | Long term impact of <i>herbivorous</i> <i>insects</i> (especially the <i>jarrah</i> <i>leaf miner</i> ) on <i>jarrah</i> wood growth in the southern <i>jarrah</i> forest. | 79/86 |                |
| 4   | 61/86 | Mang    | Seasonal distribution of <i>jarrah</i> <i>poles</i> in the southern <i>jarrah</i> forest following grazing of <i>leaf</i> by <i>insects</i> .                              | 79/86 | Mang           |
| 4   | 62/86 | Conc    | Factors affecting susceptibility of <i>jarrah</i> <i>resists</i> to <i>insects</i> by <i>Phytophthora</i> <i>infections</i> .                                              |       |                |
| 4   | 63/86 | Mang    | The effects of ring <i>beetles</i> on <i>Eucalyptus</i> <i>leaves</i> <i>stems</i> .                                                                                       |       |                |
| 4   | 64/86 | Conc    | The <i>hydrologic</i> <i>model</i> of <i>root</i> , <i>stem</i> , <i>branch</i> <i>leaf</i> <i>stomata</i> of <i>jarrah</i> (E <i>insects</i> ).                           |       |                |
| 4   | 65/86 | Conc    | Water relations of <i>jarrah</i> <i>dieback</i>                                                                                                                            |       |                |



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| 66/86 | per Duell | Effect of simulated rainfall on established <u>Puccinia</u> lesions on <u>E. americana</u> roots.                                                              |
| 67/86 | Mary      | Associations of <u>Setomacromorphus</u> fungi with development of young forest.                                                                                |
| 68/86 | Mary      | Wolfe's Rock - Montgomery District                                                                                                                             |
| 69/86 | Mary      | Testing the Dispersal of the Moisture Mite                                                                                                                     |
| 70/86 | Colin     | Planting June grass                                                                                                                                            |
| 72/86 | Duell     | 15702 - <u>Pin. L.</u> & <u>Agrostis</u> of <u>Pinus canadensis</u> at                                                                                         |
| 73/86 | Duell     | 7071 broke the potential from spreading by injecting healthy trees with the fungicide roxyn-az.                                                                |
| 74/86 | Duell     | The association of pathogens with mortality of <u>Eucalyptus</u> species planted in cutovers.                                                                  |
| 75/86 | Duell     | Simulation of water movement in the riparian areas of the Northern Forest tract, with reference to the movement of <u>Phytophthora</u> & <u>Phytophthora</u> . |
| 76/86 | Duell     | Impact of <u>Amillaria luteobubalina</u> blunder forest.                                                                                                       |
| 77/86 | Duell     | Population dynamics of <u>Phytophthora</u> , <u>Pinus</u> - <u>Pinus</u> communities are more coastal than south of <u>Pinus</u> .                             |
| 78/86 | Paragon   | The effect of phosphorus acid on <u>Phytophthora cinnamomea</u> in <u>E. americana</u> .                                                                       |
| 79/86 | Mary      | Quarterly assessment of forest damage and its relation to aging of the blunder leaf.                                                                           |
| 79/86 | Mary      | The effect of heavy drought on the seed germination.                                                                                                           |
| 79/86 | Mary      | Comparison of <u>Strobiloid</u> and heavily killed forest growth logs for production of 50mm boards.                                                           |

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| 6/36 | Gen. Duell | Effect of simulated rainfall on established <i>P. carolinensis</i> larvae in <i>P. marginata</i> nests.                                                   |
| 6/36 | May        | Association of ectomycorrhizal fungi with development of young forest.                                                                                    |
| 6/36 | May        | White Pine Rock - Mangrove District                                                                                                                       |
| 6/36 | May        | Testing the Dickey John Mixture Meter                                                                                                                     |
| 7/36 | Collier    | Planting June 1st                                                                                                                                         |
| 7/36 | Duell      | 15702 - Gen. P. C. Injection of <i>Frankia americana</i> at 701 Creek to protect from spreading by injecting healthy trees with the fungicide rostrin-ol. |
| 7/36 | Duell      | The association of pathogens with mortality of <i>Eucalyptus</i> species planted in container.                                                            |
| 7/36 | Duell      | Simulation of water movement in the riparian zone of the Northern Forest, with reference to the movement of <i>Phytophthora cinnamomea</i> .              |
| 7/36 | Duell      | Impact of <i>Armillaria luteobubalina</i> on the blundee forest.                                                                                          |
| 7/36 | Duell      | Population dynamics of <i>Phytophthora cinnamomea</i> in forest - blundee communities on sandy soils of the coastal plain south of Boyers.                |
| 7/36 | Duell      | The effect of phosphorus acid on larval development of <i>Phytophthora cinnamomea</i> on <i>Banksia grandis</i> .                                         |
| 7/36 | Harvey     | Quarterly assessment of insect damage and selected chemical properties in relation to aging of the blundee leaf.                                          |
| 7/36 | Harvey     | The effect of young Dicks on the seed germination.                                                                                                        |
| 7/36 | Harvey     | Comparison of stippled and heavily spotted fruit growth logs for production of stem boards.                                                               |



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|------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| 1. 3. 1/87 | Como   | Causes of <i>Pinus radiata</i> needle length variation.                                                                                                                      | 18/87 | B.O.K.         |
| 2. 3. 2/87 | Como   | Causes of forest leaf age variation.                                                                                                                                         | 19/87 | Como<br>I.M.B. |
| 3. 3/87    | Duell. | Study of genetic variation in growth and form of <i>Eucalyptus marginata</i> .                                                                                               | 20/87 | Dive<br>J.St.  |
| 4. 3. 4/87 | Duell. | Comparison of the rate of spread of <i>Persea</i> in forest-herbaria communities in white soil in the Darling Range and in sandy soil on the coastal plain south of Bussara. | 21/87 | Cell           |
| 5. 5/87    | Duell. | <i>Eucalyptus sideroxylon</i> provenance trials.                                                                                                                             | 22/87 | Como           |
| 6. 6/87    | Duell. | <i>Eucalyptus marginata</i> family/provenance trials.                                                                                                                        | 23/87 | Como           |
| 7. 7/87    | Cellie | Mixed height trial                                                                                                                                                           | 24/87 | Como           |
| 8. 8/87    | Duell. | <i>Eucalyptus caliginosa</i> family/provenance trials.                                                                                                                       | 25/87 | Cellie         |
| 9. 9/87    | Como   | (Mydop) Effect of timing of nitrogen application on the growth response by thinned <i>P. radiata</i> .                                                                       | 26/87 | Mygr           |
| 10. 10/87  | Como   | (Mydop) Effect of frequency of fertilization on the efficiency of fertilizers using by mixture <i>P. radiata</i> following thinning.                                         | 27/87 |                |
| 11. 11/87  | Como   | The effect of thinning and fertilization on growth of <i>P. radiata</i> .                                                                                                    | 28/87 | Mygr           |
| 12. 12/87  | Mygr.  | Optimum time for harvesting of a range of Native tree species in the Mangrove Area.                                                                                          | 29/87 | Mygr           |
| 13. 1/87   | Mygr.  | To assess the effect of superphosphate on the germination of a variety of <i>Eucalypt</i> and <i>Acacia</i> species.                                                         | 30/87 | White          |
| 14. 1/87   | Mygr.  | The field assessment of sawing depth and post-saw burning on tree seed germination.                                                                                          | 31/87 | "              |
| 15. 1/87   | Mygr.  | Field assessment of fungal canker damage to <i>Eucalyptus blanda</i> on the Darling Range.                                                                                   | 32/87 | Cellie         |
| 16. 1/87   | Cellie | Herbicide trials                                                                                                                                                             | 33/87 | Mygr           |
| 17. 1/87   | Bton   | Integration of growing and cropping process for timber                                                                                                                       | 34/87 | Dup.           |
|            |        |                                                                                                                                                                              | 35/87 | Dup.           |
|            |        |                                                                                                                                                                              | 36/87 | Dup.           |

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|  | 18/87 | B.O.B.    | Milling - Saving against term from areas of high, medium and low site qualities and differing ages.                            |
|  | 19/87 | Cano      |                                                                                                                                |
|  |       | Fabbett   | Effect of fire on quantity, sheltering, partial defoliation and other microclimates of pond canopy in the SIF.                 |
|  | 20/87 | Diesel.   | Difficult and survey of various natural catchments                                                                             |
|  |       | J. Seaman |                                                                                                                                |
|  | 21/87 | Collie    | Species trial on high moorlands. Peter R. R. R.                                                                                |
|  | 22/87 | Cano      | Patterns of invasion and survival of <i>Pinus massoniana</i> in <i>Parabola alvata</i> growing on deep sand. C. J. Hill        |
|  | 23/87 | Cano      | Distribution of <i>Myoporum laetifolium</i> species north of Port, their heterogeneity and impact. (M. Hill)                   |
|  | 24/87 | Cano      | Treatment of isolated catchments of <i>Phytolacca americana</i> .                                                              |
|  | 25/87 | Collie    | Damage trial (P. R. R. R.)                                                                                                     |
|  | 26/87 | Anger     | Optimum saving technique for <i>Dielsia</i> native tree species - J. Hill.                                                     |
|  | 27/87 |           |                                                                                                                                |
|  | 28/87 | Monaghan  | Wild assessment of the and <i>Not Eminent</i> herbicides in the <i>Estuaries</i> of <i>Dielsia</i> native species. P. R. R. R. |
|  | 29/87 | Monaghan  | The effect of <i>Not Eminent</i> herbicides on a range of native tree species.                                                 |
|  | 30/87 | Monaghan  | Species Performance trials. J. Hill.                                                                                           |
|  | 31/87 | "         | Monaghan trial. Peter R. R. R.                                                                                                 |
|  | 32/87 | Collie    | Effect of mulches on survival and early growth of seedlings.                                                                   |
|  | 33/87 | Monaghan  | Initial densities of <i>Agave americana</i> for <i>P. rubra</i> on the <i>South Coast</i> . J. Hill.                           |
|  | 34/87 | Dup.      | Validation of the <i>Phytolacca cinnamomi</i> hazard rating system, mapping of Jones, Hansen, site 416 and Higgins catchment.  |
|  | 35/87 | Dup.      | Phenology of <i>Phytolacca cinnamomi</i> hazard rating indicators.                                                             |
|  | 36/87 | Dup       | Hydrology of <i>Phytolacca cinnamomi</i> hazard rating types; mycorrhizal block.                                               |

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|----|-------|-------|-----------------------------------------------------------------------------------------------------------------------------|-------|----|
| 1  | 33/87 | Dup.  | Simulation of the hydrology of coastal sandy soils in relation to the epidemiology of <i>Phytophthora cinnamomi</i> .       | 51/87 | Co |
| 2  | 38/87 |       |                                                                                                                             | 52/87 | Co |
| 3  | 39/87 | May   | Shrub multiplication by clearing in hillland at Kallbarne National Park. d. McNam.                                          | 53/87 | Ca |
| 4  | 40/87 | Colli | Shedding Contaminants                                                                                                       | 54/87 | My |
| 5  | 41/87 | Colli | Shedding pellets trail                                                                                                      |       |    |
| 6  | 42/87 | May   | Preliminary investigation into moisture content regime and flammability of spruce forest.                                   | 55/87 | Km |
| 7  | 43/87 |       |                                                                                                                             | 56/87 | Mr |
| 8  | 44/87 | Como  | Damage to jarrah foliage caused by jar leafminer in Colli District.                                                         |       |    |
| 9  | 45/87 | Como  | Crown conditions & wood growth of co-g subdominant jarrah poles resistant and susceptible to JLM infest. in Colli District. |       |    |
| 10 | 46/87 | My    | The formation & development of hollows in Kari trees.                                                                       |       |    |
| 11 | 47/87 | Como  | Survey of Jarrah Regrowth in Jarrah Forest between Colli and Dwellingup.                                                    |       |    |
| 12 | 48/87 | Como  | Survey of Jarrah Shrublands in Jarrah Forest between currently infected zone and Greenbushes, Margaret River.               | 49/87 | Co |
| 13 | 49/87 | Como  | An investigation of the causes of shell and decline of heart ( <i>Quercus garryana</i> ) on the coastal plain.              |       |    |
| 14 | 50/87 | Como  | Frequency of Barren Zones in system of jarrah on debris sites & their effect on tree water relations.                       |       |    |

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|        | 51/87 | Como        | Water status of jarrah on thinned & unthinned sites in the northern jarrah forest.                                                                                            |
|        | 52/87 | Como        | An hydraulic model of root, stem, branch & leaf tissue of jarrah ( <i>E. marginata</i> ).                                                                                     |
|        | 53/87 | Como        | Measuring transpiration in jarrah using the automatic heat pulse logger.                                                                                                      |
| are    | 54/87 | Pymp        | The effect of an autumn burn on mortality & regeneration of <i>Lambertia</i> <i>rufiflora</i> .                                                                               |
|        | 55/87 | Kinsect     | <i>E. globulus</i> coppicing trial, <i>Pyrethrum</i> knockdowns of phytophagous insects in the crowns of sapling <i>Eucalyptus</i> <i>Wandoo</i> in the Upper Great Southern. |
|        | 56/87 | Nrgn.       |                                                                                                                                                                               |
|        | 1/88  | Dwp         | <i>Eucalyptus marginata</i> family provenance trials.                                                                                                                         |
|        | 2/88  | Dwp         | Effect of thinning and fertilizing on (i) growth (ii) water relations and (iii) nutrient relations of trees and stands of pole to pole sized jarrah.                          |
| mont   | 3/88  | Dwp.        |                                                                                                                                                                               |
| not.   |       | G. Steneman |                                                                                                                                                                               |
| in     |       |             |                                                                                                                                                                               |
| been   |       |             |                                                                                                                                                                               |
| he     | 4/88  | Dwp.        | The effect of drill spacing on the success of "Roundup" and "Tordon Timber Control" for killing jarrah pole sized trees using the drilling method.                            |
| Runway |       | G. Steneman | Comparison between "Roundup" and "Tordon Timber Control" for killing jarrah and mallee pole sized trees in summer, autumn, winter and spring using the drilling method.       |
| of     |       |             |                                                                                                                                                                               |
| above  |       |             |                                                                                                                                                                               |
| jarrah |       |             |                                                                                                                                                                               |

| Date  | Location  | Activity                                                                 | Date  | Location |
|-------|-----------|--------------------------------------------------------------------------|-------|----------|
| 5/88  | Wawa.     | Species selection for difficult highly saline/water logged sites.        | 16/88 | Wawa     |
| 6/88  | P. Litson |                                                                          | 17/88 | Bon      |
| 7/88  | W.A. W.A. | Hardpan Ripping Trial                                                    | 18/88 | J.T.     |
| 8/88  | W.A. W.A. | Double Edge Mound Design Trial                                           | 19/88 | C.A.     |
| 9/88  | P. Litson | Trail mapping of community types in regenerating karri forest.           | 20/88 | C.T.     |
| 10/88 | Lump      | Ecalyptus microtheca <sup>clones</sup> family/prov -                     | 21/88 | H.A.     |
| 11/88 | Mari      | An age series of floristics for a single community type in karri forest. |       |          |
| 15/88 | Bonburg   | Effect of blue stain, strength, D. Donnelly                              |       |          |

|          |       |                                |                                                                                                                             |
|----------|-------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| highly   | 16/88 | Harvey<br>recovery<br>Matheson | Adhesives for manufacture of Jarrah<br>Furniture Brackets.                                                                  |
|          | 17/88 | Bentley<br>K. White            | Sawmilling- Effect of saw gauge, packing<br>method and tensioning method on<br>kerf of circular saws and hence<br>recovery. |
|          | 18/88 | J. McGrath<br>Lemo.            | Initial weed control and fertilization<br>of <u>P. radiata</u> on the South Coast.                                          |
|          | 19/88 | Klang<br>L. Matheson           | Regrowth Kauri Stockpiling Trial.                                                                                           |
| res      |       |                                |                                                                                                                             |
|          |       |                                |                                                                                                                             |
|          |       |                                |                                                                                                                             |
| 20-      | 21/88 | Harvey<br>A. Thompson          | Sawn recovery from crown logs<br>of <u>P. radiata</u> .                                                                     |
| 9        |       |                                |                                                                                                                             |
| lowly A. |       |                                |                                                                                                                             |



|       |              |                                                                                                                                        |       |            |
|-------|--------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|------------|
| 3/89  | Nanj         | Effect of Thinning & fertilizing on the growth and form of crop trees in a 21 year old stand at Kari Regrowth of Community Type Stride | 15/89 | C          |
| 4/89  | WRC<br>Honey | Sawn graded recoveries from a Sawmilling trial of regrowth jarrah and karr.                                                            | 16/89 | M          |
| 1/89  | Waple<br>NP  | A flowering calendar for the Waple Nardup National Park.                                                                               | 17/89 | M          |
| 5/89  | Duelingp     | Seasonality & sporulation of <i>Phytophthora cinnamomi</i> in mining operation soils                                                   |       |            |
| 6/89  | Dwells       | Survival of <i>Phytophthora cinnamomi</i> encysted spores in Alcoa mining operations soils                                             | 18/89 | Dw         |
| 7/89  | Busselton    | Southern Jarrah fertility provenance trials                                                                                            | 19/89 | D-E        |
| 8/89  | Dwells       | Effect of canopy density on soil temperature in relation to <i>Phytophthora cinnamomi</i> infectivity                                  | 20/89 | Na         |
| 9/89  |              | A trial measurement of a catchment leaf area index (LAI) using hemispherical photography                                               | 21/89 | Na         |
| 11/89 | Busselton    | <i>Eucalyptus botryoides</i> family provenance trials                                                                                  | 22/89 | coll<br>Ma |
| 10/89 | Dwells       | Survey of the genetic structure of the manungue Jarrah forest using isozymes?                                                          | 23/89 | ?          |
| 3/89  | Nanj         | Shelter and sowing <i>E. diversicolor</i> (F. Muell) seed in regeneration coupe                                                        | 24/89 | Na         |

|       |              |                                                                                                                                         |
|-------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 15/89 | Congo        | Effects of fire on floristics & structure of major vegetation communities in Plumridge Lakes nature Reserve.                            |
| 16/89 | N/wale       | Fire studies in shrubland at Stirling Range national Park Part 4. Effects of fire on invertebrate communities.                          |
| 17/89 | Manji        | Effect of fertilizer on successful regeneration of <i>E. magnifica</i> using broadcast seeding & mechanical disturbance.                |
| 18/89 | Duwels.      | Estimating the leaf area index (LAI) of forest plots using hemispherical photography.                                                   |
| 19/89 | O-Brook.     | Compare 2 high density mid rotation thinning regimes on <i>Sundland P. radiata</i> .                                                    |
| 20/89 | Norregin     | Verification of the field interpretations & assessments for the WA remnant vegetation protection scheme.                                |
| 21/89 | Norregin     | Fusillade effect on DRF aculeata and <i>Doviesia oxylobium</i> .                                                                        |
| 22/89 | Colbe, Manji | Impact of prescribed fire on infestation by <i>Torresia leuciformis</i> .                                                               |
| 23/89 | ?            | Effect of varying stand density on growth rate of <i>Myoporum laetifolium</i> lesions in grass in high, immediate & low rainfall zones. |
| 24/89 | Manji        | Success of mulling lawn seedlings in 1 yr old coupes.                                                                                   |



|        |        |                                                       |                                                                                                                                                                   |
|--------|--------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3      | 26/89. | Dwells.                                               | The efficacy of Phosphorus acid in protecting <i>Botrytis brownii</i> , <i>B. dothi</i> , & <i>B. coarctata</i> from infection by <i>Phytophthora cinnamomi</i> . |
| 4      | 27/89. | Peel.                                                 | The growth response to blasting Peel Harpan.                                                                                                                      |
| 28/89. |        | <del>Dothi</del><br><del>swelling</del><br>(swelling) | Factors affecting the germination, establishment, survival, growth and form of <i>E. marginata</i> seedlings.                                                     |
| 29/89  |        | Nampanus.                                             | Infection of <i>Pinus radiata</i> clones by <i>Phytophthora</i> .                                                                                                 |
| 5      | 29/89. | Horsey<br>wisc                                        | Effect of presteaming & hot water soaking upon the drying behaviour of three eucalypts.                                                                           |
| 30/89  |        | Nampan                                                | Ecology of remnant salmon gum woodland near Lake Taarbilin, WA.                                                                                                   |

32/89. Cemo.