Forest Research Officer,
Jonkershoek, Stellenbosch.
16th June 1945.

The Chief Forest Research Officer,

MONTHLY REPORT: APRIL AND MAY, 1945.

The Progress Report for April and May 1945 is submitted, herewith.

(Sgd) C. H. Wiest
FOREST RESEARCH OFFICER.

1. LECTURES. Lectures on Forest Botany at the Stellenbosch-Elsenburg College of Agriculture and Forestry were completed and a final examination paper was set and corrected. 9/30ths in April and 4/31st in May of my time was devoted to this work.

2. VAPE-BURNING EXPERIMENT. Burning in April was completed. No further treatments are due until after the winter.

3. COMMITTEES FOR CONTROLLING VAPE AND FOREST FIRES IN THE STELLENBOSCH DIVISION.
Arrangements were made for propaganda poster competitions for school children and students in the Stellenbosch Division.

4. INSPECTION. The Director, Mr. Watt, and Conservator, Mr. Clayton, inspected Jonkershoek on the 25th of April. Both research and management topics were discussed.

5. C.C.T. AREAS and other projects at Tokai were inspected and the necessary operations were carried out by Mr. Rycroft and Forester van Rensburg.

(Sgd) C. H. Wiest
FOREST RESEARCH OFFICER.

R.J. 419

The Conservator of Forests,
Cape Town.

For your information.

Research Officer.
16/6/45
The progress report for June and July, 1945, is submitted, herewith.

LECTURES. Examination papers were corrected and returned. 1/3 of my time in June was devoted to this work.

VELO BURNING EXPERIMENT. A mid-winter examination of this experiment was carried out with the help of Mr. Rycroft and Forester van Rensburg.

COMMITTEE FOR COMBATING VELD AND FOREST FIRES. A meeting for establishing another committee was attended at Paarl together with the Conservator and other Forest Officers. Business connected with Stellenbosch Committee was attended to.

CONFERENCE ON FIRE PROTECTION called by the Conservator of Forests, was attended.

THINNING EXPERIMENT in P. pinaster at French Hoek, was thinned and enumerated.

Most of my time was devoted to routine office work relating to research and management of the plantation, discussions with Mr. Rycroft, who has been engaged on streamflow analyses, etc.

For your information.
Forest Research Officer,
Jonkershoek, Stellenbosch.
25th September, 1945.

The Chief Forest Research Officer,
PRETORIA.

MONTHLY REPORT: AUGUST AND SEPTEMBER 1945.

The Progress Report for August and September, 1945, is submitted, herewith.

FOREST RESEARCH OFFICER.

MEETINGS. Two meetings of the Committee of the Cape Western Branch of the National Veld Trust, of which I am a member, were attended.

Three meetings of the Committee for Combating Veld and Forest Fires in the Stellenbosch Division were arranged and attended.

PUBLICATIONS. A report on "Preservation of the Vegetation of the South Western Cape" has been published by the Royal Society of South Africa and is now on sale.

ECOLOGICAL STUDY IN BIESIEVELI. Mr. Rycroft has continued with field work in Biesieveld.

STORMFLOW IN ARDOLSKLOOF. Mr. Rycroft is preparing a short report showing a significant increase in severity of stormflow in this catchment after it was burnt out in April.

VELD-BURNING EXPERIMENT. A first paper on this experiment is almost completed and will be submitted for approval in the near future. Burning treatment was continued in September, and further examinations were made.

THINNING EXPERIMENTS. Further attention to experiments at French Hoek was given by Forester van Rensburg. For the most part he has been engaged on office work.

MR. KENNEDY has been employed on reading raingauges and office work since the 31st of August.

FOREST RESEARCH OFFICER.

R.J. 419.
The Conservator of Forests,
Cape Town.

For your information.

Research Officer. 29/9/45.
For your information.

Research Officer.
11/1/46.

Forest Research Officer,
Jonkershoek, Stellenbosch.
11th January, 1946.

The Chief Forest Research Officer,
Pretoria.

MONTHLY REPORTS: OCTOBER, NOVEMBER, DECEMBER, 1945.

The Progress Report for October, November and December, 1945, is submitted, herewith.

FOREST RESEARCH OFFICER.

LEAVE. I was on leave for the period 15th October, to the 3rd of November.

Technical Assistant J.J.A. Schoeman went on leave on the 27th of December.

Clerical Foreman N.J. Borchardt went on four days sick leave in October.

Mr. H.B. Rycroft had one day of leave in December.

STREAMFLOW. The gauging weir at Lambrechtshoek A has almost been completed and will probably be in operation before the next streamflow year commencing in April, 1946. This will probably depend on whether recorder clocks ordered from overseas will arrive in time.

Manuscript of a paper on Streamflow in Abrolkloof prepared by Mr. Rycroft was submitted for consideration.

THINNING EXPERIMENT, FRENCHHOEK. A severe windstorm did considerable damage to the Thinning Experiment in P.piinaster - Project No.1 at French Hoek - on the 3rd of October, 1945. Plot C2 will have to be abandoned as 19 trees were blown down.

C.C.T. AREA. P.PIINASTER Q.II. HOUWHOEK. This area was thinned and remeasured in November.

C.C.T. AREA. P.INSIGNIS. Q.II. TORAI. Pruning, Thinning and remeasurement were carried out in December.

RACK EXPERIMENT AT TORKAI. Some pruning was done in December. Another small fire has occurred on the experiment but the damage is not extensive.

VELD AND FOREST FIRES. Three meetings of the Committee of the Cape Western Branch of the National Veld Trust were attended.

One meeting of the Committee for Combating Veld and Forest Fires in the Stellenbosch Division.

BROADCAST TALKS. A broadcast talk was delivered from the Cape Town studio on the 29th of November. The title was: Forestry, Veld-burning and Water Supplies at the Cape.

A series of nine broadcasts to school children, to be given in Afrikaans, are being prepared. The general title for the series will be "Behoud van ons Natuurlike Bronne".