



Geliewe in u Antwoord te verwys na  
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No. R. J 419

UNIE VAN SUID-AFRIKA.—UNION OF SOUTH AFRICA.  
KANTOOR VAN DIE—OFFICE OF THE

Asst. Forest Research Officer,  
Jonkershoek,  
Stellenbosch.  
2 April, 1951.

The Forest Research Officer,  
JONKERSHOEK.

MONTHLY REPORT : MARCH 1951.

STAFF.

Miss. A. Cloete commenced duty as Temp. Clerical Asst.  
on the 8th March.

On the 16th, Research Forester Small returned to Knysna.

INSPECTIONS.

The Hydrological Research Officer visited Jonkershoek  
on the 2nd and 8th March.

BOARD OF SURVEY.

Stock was taken of all Research and Management  
equipment.

SILVICULTURAL RESEARCH.

Tuesday 20th was spend measuring trees on research  
plots in Compt. C 34 Frensch Hoek Plantation.

Volume calculations for these plots are being done.

*Silvicultural Research files for Hous Hoek & Tokai were  
studied with the aim of drawing up a research programme for  
the next few years.*

Spates

*Spate peaks for Biesiesbos for several years were extracted  
from the ledgers to compare them with corresponding spate peaks  
of Bosbokloof & Tiesbosch.*

ASST. RESEARCH OFFICER

*M. W. Van der  
A.R.O.*

MONTHLY REPORT.

JONKERSHOEK FOREST RESEARCH STATION.

MARCH, 1951.

STAFF:

Miss A. Cloete commenced duty as Temporary Clerical Assistant Grade 11 on the 8th.

Forester E. S. Milton was on vacation leave for one day.

INSPECTIONS:

The Hydrological Research Officer visited Jonkershoek on two occasions. On the 2nd, was accompanied by Mr. Collett (from Basutoland) and Mr. Harvey (Hydrographic Surveyor) and on the 8th by Prof. Haylett (University of Pretoria).

SILVICULTURAL RESEARCH:

Research Forester W. P. Small completed the enumeration of the P. pinaster C. C. T. plots at Houwhoek, and after completing the office work, returned to his headquarters at Knysna on the 16th.

I visited French Hoek Plantation on the 20th to measure the trees in the P. pinaster Thinning Experiment in Compt. B. 34. The P. insignis Thinning Experiment in Compt. A. 21 was inspected.

NUDAURELIA CYTHEREA.

Sampling of Nudaurelia pupae was carried out. Density of pupae was found to have decreased to 2.07 per plot. The following table illustrates the results of sampling done at Jonkershoek.

Date	Area Infested (acres)	No. of Pupae Per Plot.	Approx No. of Figs.	
Jan, 1949	385	?	Nil	
Nov, 1949	535	12.21	Nil	
Jan, 1950	535	12.21	68	Figs introduced 6.1.1950
March, 1950	535	6.73	68	
Nov, 1950	305	?	83	Figs introduced for 2nd time.
Jan, 1951	305	4.87	83	Sampling done after pigs had commenced feeding.
Feb, 1951	305	?	108	25 small pigs introduced.
March, 1951	305	2.07	108	

EDUCATION AND PUBLICITY:-

Lectures in Forest Mensuration were delivered to 2nd year and to 3rd year Forestry Students at the University of Stellenbosch.


On the 13th an address on work at Jonkershoek was delivered to members of the Stellenbosch Rotary Club.

CONSTRUCTION OF FLUME.

Work was resumed on the constuction of the 12 inch Parshall Flume in the Eerste River.


BOARD OF SURVEY.

Mr. U. W. Nanni took stock of all research equipment on the 6th.

  
FOREST RESEARCH OFFICER.

Conservator of Forests,  
CAPE TOWN.

For your information

  
FOREST RESEARCH OFFICER