

PERIODICAL REPORT BY RESEARCH FORESTER ON BRECHFA 15/81.....
(Forest: Expt. No.)

Project or Title of Experiment: FOREST GARDEN,.....

1. General Report on Experiment: (Condition, Growth, Form and Colour of Plants, and particulars of all factors affecting them, e.g. Weather, insects, fungi, weeds, human agency, etc., since last report) :—

Most plots well established, and growing well, however squirrel damage becoming a problem in plots such as Tsuga Hetrophylla. The pines have also suffered with the notable exception of Pinus peuce. The Northofagus obliqua has suffered badly in the past, along with other hard-woods, and this may explain the roughness of the plot which contains some large diameter (420cm) trees.

2. Provisional Summary of obvious results of any Assessment for which data are attached :—

PLOT 11 - Seq. sempervirens has a remarkable basal area especially when the inspection note of 9.2.68 talked of half stocking and multi leaders. Most of the trees are now of reasonable form and single stemmed.

PLOT 6 - Lawsons Cypress has a large basal area but made up of a remarkable number of multi stem.

PLOT 40 - Pinus peuce had a good distribution of larger diameter stems within the crop, enabling a selective thinning to give a marked mean BHD improvement of 30%.

3. Work needed: (a) Maintenance: (b) Application of W.P. Treatments: (c) Suggestions for the development of the project by new prescriptions: (d) Assessments :—

- A 1) Pathways to be maintained and extended.
2) Thinning to continue in all plots reaching first thinning age & size.
3) Pruning of some hardwoods to improve form (see 1 above)
- D 1) Visual assessment and report on each plot.
2) Assess new plots reaching reasonable size.
3) Continue assessments of existing plots.
4) Assess top heights where appropriate.
- C There are some plots which have failed. (Continued overleaf)
These could be filled if any plants were available.