

FORESTRY COMMISSION  
RESEARCH DIVISION  
EXPERIMENT PLAN REVIEW

Branch SILV (N)

Form 11E

Experiment Name(s) (LLANDOVERY) BRECHFA 15/81, FOREST PLOTS

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SECTION 1 - CURRENT EXPERIMENT DETAILS

a. Project Number(s)

b. Objectives:

- (i) To maintain as a demonstration in forest plots a wide range of species.
- (ii) To keep plans and records of species, origins and environmental events.
- (iii) To record the performance of the trees, demonstrate and conduct tours.

c. Brief Commentary of Results:

Standing basal area after thinning	RSQ	90.38	M 2/ha
(Best plots).	WEL	87.54	M 2/ha
	NF	61.49	M 2/ha
	GF	60.51	M 2/ha
	WCR	59.36	M 2/ha

d. Publications:

e. Future Management:

Insert a '✓' in one box

no change (complete 1f)

new treatment (proceed to section 2 and complete relevant entries)

f. Date of Next Review (not more than 10 years hence)

Interim review 1998 and full review 2003

g. Basic Treatments:

- (i) Routine maintenance including thinning - See protocol.
- (ii) New plots to be considered for FY 93/94 onwards.

h. Requirements:

Seed/Plants for new plots. Candidate replacement species: Sitka spruce, Nothofagus nervosa, Alnus glutinosa, Prunus avium, Alnus incana, Alnus cordata, Fraxinus excelsior, Larix eurolepis, Pinus sylvestris. (others to be considered).  
Target date for replanting 1996

i. Assessments:

Older crops - Height and DBH every 5 years (Last assessment after 1988 g.s.)  
i.e. 1993 and 1998.

j. Date of Next Review:

Interim review 1998 - Full review 2003.

Drafted by : N P D.  
Grade : FO II.  
Date : 03/93  
Statistics approved:  
Date :  
Revision Approved : WLM  
Date : 5/93

Distribution: Old Project File 1  
New Project File 1  
Experiment Plan 1  
Project Leader 1  
Outstation FRO i/c 2  
FDM/Owner 2

SECTION 2 - NEW EXPERIMENT DETAIL

a. Project Number(s):

840 - Species.

b. ODC Number(s):

c. Preamble:

Present thinking on the location of species forest plots in the British Isles suggests only one location in S.W. England or Wales. Brechfa forest collection is the first choice in Wales. Some plots at Vivod in N Wales which complement Brechfa, will be maintained as an addition.

d. Objectives:

- (i) To maintain, measure and record the height and DBH of 25 plots.
- (ii) To maintain the collection for general and specialised visitors/tours with paths and signs.
- (iii) To assist mensuration in their maintenance and recording. (18 plots).
- (iv) To improve the collection, especially of Broadleaves.

e. Experimental Treatment:

NIL.

f. Design:

Single unreplicated plots. Numbers refer to S. Corcoran's testing of 10/06/88.

Plots to be retained for mensuration: 4, 7, 10, 11, 19, 21, 23, 24, 29, 40, 55, 56, 57, 59, 63, 68, 75 and 88.

Plots to be retained by Silv(N): 1, 6, 12, 14, 16, 17, 33, 34, 35, 37, 38, 44, 50, 54, 61, 64, 66, 67, 72, 82, 83, 85, 87, 89, and 114.

