

BRECHFA 15/81.

INSPECTION VISIT 10.6.1983.

PLOT NO. 1 - PSEUDOTSUGA MENZIESII. P57

This plot has suffered from lack of thinning with individual blown trees. Height is 18m (approx) with several large diameter individuals. The thinning (March 83) within the assessment plot has opened the canopy and it remains to be seen whether the combination of unthinned edge and relatively sheltered position will allow this plot to stabilise. Form of the trees remaining is good.

PLOT NO. 2 - LARIX DECIDUA P60

Very variable plot which overall does not look very healthy. Marked contrast in height to DF of plot 1, with height being 11m.

PLOT NO. 4 - TSUGA HETEROPHYLLA P57 18m Tall

Reasonable form (comments for Plot 1 apply). Squirrel damage is seen on upper crown. Large and edge trees show some signs of fluting. Thinned May 1983.

PLOT NO. 5 - TSUGA MERTENSIANA P57

Very small 6m, many gaps and remaining trees multi-stemmed

PLOT NO.6 - CHAMAECYPRIS LAWSONIANA P57

Very forked - within the assessment plot only one single stemmed tree. Height is good 16m. Thinned May 83.

PLOT NO. 7 - THUYA PLICATA P59

Very even plot good form 15.5m tall, hopefully(?) the edge will enable the thinned (May 83) plot to stabilise.

PLOT NO. 8 - ABIES FRASERI P61

Very patchy, many gaps, 8m tall.

PLOT NO. 9 - CUPRESSUS MACROCARPA P58

Many deaths in plot, bushy multi-stemmed and showing some signs of blast damage. 12m.

PLOT NO. 10 - SEQUOIADENDRON GIGANTEUM P59

Only about half the plot remaining, these are of good form and diameter. 12m tall.

PLOT NO. 11 - SEQUOIA SEMPERVIRENS P58

Well stocked plot, some very large trees (44cms BHD). There are some multi-stemmed trees but the trees are mostly of good form and reach 16m height. Thinned March 83.

PLOT NO. 12 - ALNUS GLUTINOSA P68

A virtual failure, some trees still alive but only 2m high, and with some die back.

PLOT NO. 13 - CEDRUS DEODORA P58

Variable in height and diameter, patchy survival up to 11m tall.

PLOT NO. 14. - PICEA ABIES P57

Very open after thinning, this being the result of trees being topped for Christmas trees at early age and the subsequently mis-shaped trees being removed. Height 12m.

PLOT NO. 15 - ABIES KOREANA P61

Small trees 4m , many failures coming in evidence.

PLOT NO. 16 - ABIES GRANDIS P57

Height 16m+ form excellent. Thinned April 83, a well stocked vigorous plot which should be reasonably windfirm despite being thinned as the large trees had already established themselves as dominants.

PLOT NO. 17 - ABIES PROCERA P57

Similar to plot 16 though perhaps even more impressive.

PLOT NO. 18 - ABIES CEPHALONICA P57

Some gaps, crop appears unhealthy with a lack of older needles, occasional deaths of trees up to 10cm BHD. 11m tall.

PLOT NO. 19 - ABIES NORDMANNIANA P58

Some deaths at 10cm+ BHD, however in better health than plot 18. 12m height

PLOT NO. 20 - ABIES CONCOLOR P58

FAILED.

PLOT NO. 21 - ABIES VETCHII P58

10 - 12m with reasonable form and healthy appearance.

PLOT NO. 22 - ABIES LOWIANA P58

8 - 10m sparse foliage with few older needles, some deaths of older trees.

PLOT NO. 23 - ABIES HOMOLEPIS P59

11m tall healthy, and with good needle retention. Good form although quite conical.

PLOT NO. 24 - ABIES AMABILIS P59

10 - 11m tall some gaps but the crop now has good form and health.

PLOT NO. 25 - ABIES DELAVAYI P59

Very small plot only a few reasonable trees, these look fairly healthy although the largest tree 9m does not appear to have flushed much on leader.

PLOT NO. 26 - PINUS NIGRA VAR PALLASIANA

Poor plot small, many dying, largest tree around 7m.

PLOT NO. 27 - PINUS NIGRA VAR AUSTRIACA

AS NO. 26.

PLOT NO. 28 - PINUS MURICATA P60

Many gaps, but remainder large diameter and although rough form, 14m tall.

PLOT NO. 29 - PINUS STROBUS P59

Good form, no real signs of ill health although Cronartium identified (Alice Holt Letter 3/83) Height 12m thinned May 83.

PLOT NO. 30 - PINUS RESINOSA P60

FAILED

PLOT NO. 31 - PINUS MUGO PROSTRATA P60

Very few trees remaining 3 - 4m.

PLOT NO. 32 - PINUS THUNBERGII

AS plot No 31

PLOT NO. 33 - QUERCUS PETRAEA P57

8m tall reasonable form but some squirrel damage. Plot needs cleaning.

PLOT NO. 34 - QUERCUS ROBUR P57

AS 33

PLOT NO. 35 - QUERCUS BOREALIS P57

Vigorous 12m tall, possibly requires thinning and pruning rather than cleaning

PLOT NO. 36 - TULIA CORDATA P59

Bushes.

PLOT NO. 37 - NO THOFAGUS OBLIQUA P57

Very big trees some 18m+ tall, large diameter, some good form, squirrel damage. Needs thinning.

PLOT NO. 38 - FAGUS SYLVATICA P57

Very dense some good stems, needs thinning around 14m some squirrel damage.

PLOT NO. 39 - PINUS DENSIFLORA P59

Only one alive, rest died in winter 1979 at 7m tall.

PLOT NO. 40 - PINUS PEUCE P59

Good plot some self thinning evident. Plot thinned May 83. LP in next plot is badly squirrel damaged but Peuce shows no damage. 11m tall.

PLOT NO. 41 - PINUS PUNGENS P59

Very few surviving at 4m tall with two of these browning and looking as if they will die.

PLOT NO. 42 - PINUS PONDEROSA P57

10m tall trees cankered and resin bleeding with reduction in numbers from edges of plots.

PLOT NO. 43 - PICEA ASPERATA P63

Small area plot, patchy growth although remaining trees are healthy, and 10m tall.

PLOT NO. 44 - PINUS BANKSIANA P57

Very rough outside trees but better form inside. Some squirrel damage.

PLOT NO. 45 } - PINUS MUGO

PLOT NO. 46 } - PINUS MUGO VAR PUMILIO

Flattened form multi-stemmed bushy 7m tall.

PLOT NO. 47 - PINUS CONTORTA (SOUTH COASTAL)

Large trees, basal bowing, evidence of staking of ~~growing~~ trees, outside edge very rough. 16m tall. *WINDROWS*

PLOT NO. 48 - PINUS RADIATA P57

Five left alive, 1 very large diameter 16m+ tall.

PLOT NO. 49 - PINUS JEFFREYI P57

Cankered, dying out 8m tall.

PLOT NO. 50 - CRYPTOMERIA JAPONICA P57

<sup>fair</sup> Good form but needs thinning to maintain vigour, 11m+tall.

PLOT NO. 54 - PICEA ORIENTALIS P59

Smallest variable trees, almost fully stocked healthy 7m.

PLOT NO. 55 - PICEA RUFENS P63

As for 54.

PLOT NO. 56 - PICEA OMORIKA P59

Healthy plot 12m tall, reasonable form.

PLOT NO. 57 - PICEA MARIANA P60

8 - 10m tall dark healthy foliage, smallish diameter but steady growth.

PLOT NO. 58 - PICEA SMITHIANA P59

FAILED.

PLOT NO. 59 - ABIES LASIOCARPA P60

8m tall several gaps but remainder fairly healthy.

PLOT NO. 60 - ABIES BALSAMEA P60

4m tall very few left in plot and these are suffering dieback.

PLOT NO. 61 - ACER PENNSYLVANICUM P60

8 - 9m tall of reasonable form would benefit from cleaning.

PLOT NO. 62 - ULMUS GLABRA P60

Very few alive and these are bushes.

PLOT NO 63 - QUERCUS MERBECKII P59

Reasonable form of trees 6 - 7m tall, would benefit from cleaning.

PLOT NO. 64 - ACER SACCHARINUM P59

Trees straggly and few in numbers. 8m tall and poor form.

PLOT NO. 65 - QUERCUS LUSITANICA P59

Not growing well, almost moribund, 6m tall.

PLOT NO. 66. - QUERCUS CERRIS P59

Growing fairly well, of reasonable form, 8m tall, would benefit from cleaning.

PLOT NO. 67 - ACER PSUEDOPLATANUS P57

Smallish trees, of bushy form. The plot contains many birch scrub.

PLOT NO. 68 - ACER PLATANOIDES P57

Very tall trees at one end of plot, 12 - 14m, some of very nice form, would benefit from thinning.

PLOT NO. 69 - POPULUS TACA/TRIC P61

Tallish trees, 18m+ however dieback of crown and small in diameter.

PLOT NO. 70 - TULIA CORDATA P59

Healthy bushes up to 6m tall.

PLOT NO. 71 - LIRIODENDRON TULIPIFERA P59

Very few alive, bush like at 5m tall.

PLOT NO. 72 - CASTANEA SATIVA P57

Coppice like - one showing drought crack?

PLOT NO. 73 - AESCULUS HIPPOCASTANUM P58

Bush like, 3m tall, but few survivors.

PLOT NO. 74 - POPULUS TACA/TRIC P61

18m+ reasonable form, one excellent tree rest seem of small diameter.

PLOT NO. 75 - PICEA KOYAMAI P61

10m+ with very marked flushing differences between individuals.

PLOT NO. 76 - JUGLANS REGIA P60/61

FAILED.

PLOT NO. 77 - TILIA PLATYPHYLLOS P59

Very few left, these are bush like.

PLOT NO. 78 - DAVIDIA VILMORIANA P58

PLOT NO. 79 - ROBINIA PSEUDACACIA P57

Only a few left, unhealthy with tops dying out.

PLOT NO. 80 - POPULUS ROBUSTA

FAILED.

PLOT NO. 81 - POPULUS SEROTINA P61

Very few left, slender form, small BHD for height. 10 - 12m dying out.

PLOT NO. 82 - CUPRESSOCYPARIS LEYLANDII P?

Good form and health. 10m

PLOT NO. 83 - BETULA PENDULA P59

Only one really good tree, rest quite scrappy.

PLOT NO. 84. - STRANVAESIA DAVIDIANA P57

Bushes.

PLOT NO. 85 - BETULA ALBA P61

Small scrub, 7 - 8m tall healthy.

PLOT NO. 86 - ALNUS RUBRA P59

Failing due to Chionaspis salicus?

PLOT NO. 87 - BETULA MILDENHALL P59

Scrub birch.

PLOT NO. 88 - BETULA MAXIMOWICZIANA P57

Good form, complete plot, all trees around 10m tall.

PLOT NO. 89 - BETULA LENTA P57

Willow like, scrub around 6m tall.