

2. Plot Assessment.

- * Wild collected, and of special conservation value.
NB. "special value" = To a dendrologist.
"thinning required" = To produce specimen tree/trees.

Plots

1. * *Pseudotsuga menziesii*. A good plot in prime valley bottom site, some rough trees but some outstanding ones. Ex Washington.
2. * *Larix decidua*. Of German origin some very tall trees for 28 years old.
3. * *Larix potaninii*. (Name change). A most valuable plot.
4. * *Tsuga heterophylla*. Good quality and origin (QCI).
5. *Tsuga mertensiana*. Very poor plot, perhaps of poor provenance origin, sadly not worth keeping.
6. *Chamaecyparis lawsoniana*. Very dense plot, of no special value except as a "forest environment". Seed from Monmouth.
7. * *Thuja plicata*. An outstanding plot, excellent quality. Ladysmith Vancouver.
8. * *Abies fraseri*. A difficult species to establish. Particular rarity value as known wild origin.
9. Failed plot. *Cupressus macrocarpa*.
- 10.* *Sequoiadendron giganteum*. Good plot. Ex California.
- 11.* *Sequoia sempervirens*. An outstanding grove on a very steep slope at 29 yrs. 65cm x 17.5m (best tree). Ex California.
12. Failed plot. *Cedrus libani*, one tree left.
13. *Cedrus deodara*. Fair condition but not a good origin. (Italy).
14. *Picea abies*. Very steep exposed plot. Seed collected in Austria.
- 15.* *Abies koreana*. An outstanding plot of healthy trees. The best plantation of this species known.
- 16.* *Abies grandis*. Some very fine trees, but as would be expected stem cracking on the largest. From Kittitas County, Washington.
- 17.* *Abies procera*. As plot 16, also from Washington State.

18. *Abies cephalonica*. Good specimens but taxonomy suspect. Possible *Abies alba* in places. This and the previous 2 plots are very steep with an eroding cliff to the road on the low side.
19. *Abies nordmanniana*. Good plot. Seed collected in Germany.
- 20.* *Abies concolor*. Many dead and dying. Common in plots of this age elsewhere. It is important that every living specimen is retained. Ex Colorado.
- 21.* *Abies veitchii*. A good healthy plot, should be opened up to retain green foliage down to eye level. No merit in "pole stage" *A.veitchii*, it is very much a foliage plant. Sanwa Trading Co. Japan.
- 22.* *Abies concolor* var *lowiana*. A fine plot with many specimens from the *A.concolor* end of the range in Montana.
- 23.* *Abies homolepis*. Excellent plot. Ex Japan.
- 24.* *Abies amabilis*. Outstanding. A good example of Silver fir forest environment. Ex Washington.
25. *Abies delavayi*. Collected from Benmore Forest Garden and subject to contamination from other species.
26. Not seen.
- 27.* *Pinus nigra* ssp *nigra*. Poor condition. Ex Austria.
28. *Pinus muricata*. Very rough plot, of little merit.
29. *Pinus strobus*. Good example of species. Wrong seed lot No so origin unknown.
30. *Pinus resinosa*. A valuable plot of a rare species. Wrong seed lot No., so origin uncertain.
31. *Pinus uncinata*. Of no special value.
32. *Pinus thunbergii*. Not growing very well but so many in one place is worth while.
33. *Quercus petraea*. very small plot in apex between two roads. Seed from this forest.
34. *Quercus robur*. No special merit. Needs thinning out. Ex Cilgwyn (local).
35. *Quercus rubra*. Fairly good quality plants. Needs heavy thinning. Seed from Holland.
- 36.* *Tilia cordata*. A good typical form. Needs heavy thinning, even coppicing some individuals. Of European (Austria) origin.
37. *Nothofagus obliqua*.
38. *Fagus sylvatica*. Nomenclature in doubt.

- 39.* *Pinus densiflora*. A valuable rare species. Not growing particularly well but very worthwhile. Seed from Japan.
40. *Pinus peuce*. A valuable plot showing the potential of this species on this site in direct comparison with 16 other pines. Wrong seed lot No., so of unknown origin.
41. **Pinus pungens*. Another valuable pine, poor growth. Origin uncertain. *2+ specimens only*
- 42.* *Pinus ponderosa*. Species repeated more widely in other gardens than other pines in adjacent plots to this one. Poor growth. From Susanville, California. *Dead*
43. *Picea asperata*. A very small plot, or remnant of original plot. *Shredded pum.*
- 44.* *Pinus banksiana*. Typical rough type of plot.
45. *Pinus mugo*. A thick jungle - typical of species. Ex New York State.
46. *Pinus mugo* var *pumilo*. Nomenclature in doubt. If correct then not seen. French origin.
- 47.* *Pinus contorta*. Of no special value. Longbeach type, rough form.
48. *Pinus radiata*. Plot almost failed, of no special value.
- 49.* *Pinus jeffreyi*. A reasonable plot, of considerable interest. Chester, California.
- 50.* *Cryptomeria japonica*. Good, in part spoiled by new road. Ex Japan.
51. *Picea glauca*. Very good plot. Valley bottom by road. Of doubtful origin.
52. *Picea engelmannii*. Not wild origin.
53. *Picea jezoensis*. Seed lot number wrong so of doubtful origin.
54. *Picea orientalis*. Very good quality trees. No special scientific value. Not of wild origin.
55. *Picea rubens*. A healthy valuable plot. Foliage of this species can only be distinguished from *Picea abies* when seen as a mass (as in this plot), from which it is possible to stand back. Of doubtful origin (seed number is for Oak!).
56. *Picea omorika*. This is an endangered species in the wild and wild origin plots of this type are of enormous conservation value. The origin of this plot is uncertain, but it may be wild collected.

57. *Picea mariana*. A good, but slow growing plot (perhaps provenance).
58. Failed plot. *Picea smithiana*.
- 59.* *Abies lasiocarpa*. Excellent plot, healthy thick foliage. Oakridge, Oregon.
- 60.* *Abies balsamea*. A poor plot, but valuable species.
61. *Acer pennsylvanicum*. No special value.
62. *Ulmus glabra*. No special value.
63. *Quercus canariensis* (name change). A good plot needs opening up to specimen trees.
64. *Acer saccharinum*. Thin out. Check identity in summer - seed collected as *Acer saccharum*.
65. *Quercus lusitanica*. Important species - not common. This collected from Kew where hybrid influence is great.
66. *Quercus cerris*. Thin out heavily.
67. *Acer pseudoplatanus*. Thin heavily. Collected from Slebech, S.Wales.
68. *Acer platanoides*. Thin out almost to final crop so that foliage remains low.
69. *Populus T x T*. not seen in detail.
70. *Tilia cordata*. Valuable plot, thin out. Origin in doubt.
- 71.* *Liriodendron tulipifera*. A few surviving trees, well worth keeping. Origin in doubt, given the wrong seed lot number.
- 72.* *Castanea sativa*. No special value. Thin out. from France.
73. *Aesculus hippocastanum*. No special value.
74. *Populus*. Not seen.
75. *Picea koyamae*. Not good, but worth keeping.
76. Failed plot.
- 77.* *Tilia platyphyllos*. Keep remaining trees. From Austria.
78. *Davidia vilmoriniana*. Not seen.
79. *Robinia pseudoacacia*. Rough, but of interest. Doubtful origin.
80. *Populus*. Not seen.
81. *Populus*. Not seen.

82. *Fraxinus excelsior*. Almost failed.
83. *Betula pendula*. Good plot. Distinctive form. Seed collected as *Betula lenta*.
84. *Stranvaesia davidiana*. Outstanding plot. A clear indication of how little used this high amenity species is on upland sites.
85. *Betula pendula*. (listed as *B. alba*).
86. *Alnus rubra*. failed plot.
87. *Betula pendula* (Mildenhall). An odd form of curiosity value.
- 88.* *Betula maximowicziana*. Of no special value now wild provenances are available elsewhere. From Nagano, Japan.
- 89.* *Betula lenta*. A good plot. Ex Pennsylvania.