

In our Contemporaries

What's new in Forest Research

No. 192 Sika and red deer in the Kaweka Range

No. 193 Thickened boron "Diffusol"TM – A new approach to a traditional wood treatment

No. 194 Certification of seed origin and genetic quality

No. 195 Improved coating systems of timber

FRI Bulletins

No. 153 Proceedings of the Composite Wood Products Symposium.

Burton R.J., Tarlton G.L. (1990)

\$30.00+GST

Contains papers on all aspects of the manufacture and properties of composite wood products organised under the following themes: Product Standards and Testing, Preservation and Protection, Wood Modification, Adhesives, and Processes and Products. The Symposium addressed some of the ways in which an improved understanding of composites could enhance existing products or lead to the development of new ones.

No. 154 Use of STANDPAK for evaluating radiata pine management at the stand level.

Whiteside I.D., West G.G., Knowles R.L. (1989)

\$10.00+GST

The use of STANDPAK is demonstrated by evaluating the physical yields and profitabilities of two regimes for radiata pine, one pruned and one unpruned, grown in the central North Island. Effects on stand profitability of changes to regime, site, price, processing, cost, and economic factors were demonstrated by a sensitivity analysis.

No. 157 Vegetation map of the Pureora Mountain Ecological Area.

Leathwick J.R. (1990)

\$10.00+GST

No. 158 Vegetation map of the Waipapa Ecological Area

Leathwick J.R.

\$10.00+GST

Large-scale colour maps have been prepared showing the distribution of forests, scrub and shrubland, and mire communities in the Pureora Mountain and Waipapa Ecological Areas. Brief descriptions of the communities, based on semi-quantitative field surveys, are included, along with a discussion of the major environmental factors controlling community distribution.

Forest Pathology in New Zealand

No. 20 Melampsora leaf rusts of poplar
Spiers A.G. (1990)

\$1.00+GST

This leaflet summarises the type of injury caused by leaf rusts, their hosts, distribution, economic importance, and control.

Proceedings of the New Zealand Grasslands Association TREE SPECIES FOR SHELTERING HILL PASTURE: SOME ESTABLISHMENT RESULTS FROM A NORTH CANTERBURY SITE

Sturrock J.W. Vol. 51: 69-74 (1990)

Species of *Eucalyptus*, *Acacia*, *Robinia pseudoacacia*, and eight clonal derivatives of three species of hybrid cypresses were planted as a one-row shelterbelt on an exposed, unimproved and seasonally dry pasture in North Canterbury. Plots were single trees, replicated four times. The trial is located at 500 m altitude on a sunny, 30° slope exposed to north-west Föhn winds. Supplementary water, essential on such country, was applied initially to aid establishment. The performance of the 19 species and clones 4.5 years after planting is reported, based on survival, height growth, habit, and resistance to pests and diseases. Species are classed as 'acceptable', 'promising' and 'unsuitable', and include both tall (dominant) and complementary or 'infiller' shelter species. Currently, favourable species include *Eucalyptus gunnii*, *E. nicholii* and possibly *E. tenuiramis* dominants, and *Acacia floribunda* and *x Cupressocyparis leylandii* 'Leighton Green' as infillers. The importance of management for successful establishment and maintenance of effective shelter is stressed.

FOREST PRUNING BIBLIOGRAPHY

O'Hara, Kevin L.

This publication lists over 110 published references on forest pruning for commercial species. References date back to 1940. Publications listed include studies on economics and costs of pruning, growth response, wood/log quality, wound healing, pruning tools and equipment, stem form, branch dynamics, disease incidence and pruning methodology. Can be ordered from: University of Washington, Institute of Forest Resources AR-10, Seattle WA, 98195 USA. Price \$US10 + \$US2 postage and handling.

"TREE PEOPLE"

Compiled by John Halkett, Peter Berg and Brian Mackrell, this book describes, particularly through personal reminiscences, life and events during the almost 70 years the Forest Service existed.

A wide range of photographs cover most fields of endeavour that the department was involved in.

A flyer with order form will be available shortly. However if you want to register your interest in copies of the book please write to:

TREE PEOPLE
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