

# Private Forestry North Queensland Association Inc

## Prospects for high-value hardwood timber plantations in the 'dry' tropics of northern Australia

### **Proceedings of a workshop presented by Private Forestry North Queensland at the Centre for Tropical Agriculture, Mareeba, north Queensland, 19<sup>th</sup> – 21<sup>st</sup> October 2004.**

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<b>ITEM</b>	<b>Author(s)</b>
<b><u>Workshop report and discussion of themes and papers</u></b>	Ian Bevege, Mila Bristow, Mike Shaw, John Turnbull.
<b><u>Summaries of papers</u></b>	(all)
<b>Papers: Introduction and keynote talks</b>	
<b><u>Towards a viable high value hardwood (HVH) industry for northern Australia: some strategic issues for planning and management.</u></b>	Ian Bevege.
<b><u>Australian forest plantations - an overview of investment opportunities, support mechanisms and challenges - a global, National, State and Regional perspective.</u></b>	Joanne Roberts.
<b>Papers: What do we know about potential species</b>	
<b><u>Promising high-value hardwood plantation tree species for the dry tropics of Queensland.</u></b>	Geoff Dickinson, Mila Bristow, Nick Kelly.
<b><u>Results of recent trials of high-value hardwood tree species in the Northern Territory of Australia.</u></b>	Don Reilly, Beau Robertson, M N Hearndon.
<b><u>Minoforestry - Past, present, &amp; future commercial tree plantings at Weipa.</u></b>	Alan Bragg, Mark Annandale, Jerry Wapau.
<b><u>An overview of trials of forest tree species in central Coast-Whitsundays region of central Queensland and preliminary indications of species worthy of planting or in need of further monitoring.</u></b>	John Huth, Graham McKenzie, Rohan Allen.
<b><u>Khaya senegalensis – current use from its natural range and its potential in Sri Lanka and elsewhere in Asia.</u></b>	Roger Arnold.
<b><u>Performance of a 16-year-old stand of teak (Tectona grandis L.F.) in the Darwin area in relation to that in other trials in the Northern Territory.</u></b>	Beau Robertson, Don Reilly.
<b><u>Performance of a five-year-old provenance trial of Chukrasia in the Northern Territory, Australia.</u></b>	Brian Gunn, Kron Aken, Khongsak Pinyopusarerk.

<b>ITEM</b>	<b>Author(s)</b>
<b><u>Development of the Indian Sandalwood industry on the Ord River Irrigation Area.</u></b>	Chris Done, Peter Kimber, Roger Underwood.
<b><u>Experiences with sandalwood in plantations in the South Pacific and north Queensland.</u></b>	Ken Robson.
<b>Papers: What is known about silviculture and management</b>	
<b><u>Constraints of highly weathered soils, especially soil sodicity, to plant production in the dry tropics.</u></b>	Ross Coventry.
<b><u>Determining the climatic suitability of Khaya senegalensis for plantations in Australia.</u></b>	Roger Arnold, Don Reilly, Geoff Dickinson, Tom Jovanovic.
<b><u>Plantation Forestry Management Principles for the 'Dry' Tropics of Northern Australia.</u></b>	Rod Collins, Geoff Dickinson, David Skelton.
<b><u>Evaluation of the wood quality and utilisation potential of plantation grown Khaya senegalensis (African mahogany).</u></b>	Matt Armstrong, Thomas Lelievre, Don Reilly, Beau Robertson.
<b><u>Known or potential threats from pests and diseases to prospective tree species for high value timber plantings in northern Australia.</u></b>	Manon Griffiths, Ross Wylie, Geoff Pegg.
<b><u>The use of exotic species in dry tropics forestry: assessments, potential conflicts of interests and the application of The Precautionary Principle.</u></b>	Gary Wilson, Barbara Waterhouse, Gary Werren.
<b><u>Preliminary weed risk assessment for Khaya senegalensis in plantations in northern Australia.</u></b>	Mila Bristow, David Skelton.
<b>Papers: How can we progress with tree improvement</b>	
<b><u>Conservation and genetic improvement in the Northern Territory (Australia) of Khaya senegalensis (African mahogany) - a valuable tree species endangered in parts of its homelands.</u></b>	Garth Nikles, Don Reilly, Beau Robertson.
<b><u>Clonal approaches to hardwood forestry in the tropics.</u></b>	Roger Leakey.

<b>ITEM</b>	<b>Author(s)</b>
<b><u>Plantation improvement using clonal propagation: an overview of the latest technology now available; including an appendix on 'Variation in tree species, and improvement and propagation options – an explanation' by D. Garth Nikles</u></b>	Ann and Peter Radke.
<b><u>A proposal for consideration: Establish a northern Australia cooperative tree improvement program (NACTIP) with African mahogany (<i>Khaya senegalensis</i>) initially.</u></b>	Garth Nikles.
<b>Program and workshop tours information</b>	
<b><u>Pre-workshop tour notes, 17th – 18th October 2004 (Townsville – Ayr – Clare – Ingham – Kennedy – Silkwood – Yungaburra – Mareeba).</u></b>	Geoff Dickinson.
<b><u>Workshop program and in-workshop field tour notes, 19th – 21st October 2004 (Mareeba sewage works plantation – Yuruga nursery – DPI&amp;F Research Station, Walkamin).</u></b>	PFNQ Organising committee & tour hosts.
<b>Photographs</b>	
<b>Pre-workshop tour</b>	<u>David Skelton</u>
	<u>Kevin Flockhart</u>
<b>In-workshop tour</b>	<u>David Skelton</u>
	<u>Kevin Flockhart</u>
	<u>Mila Bristow</u>
<b>Workshop</b>	<u>David Skelton</u>
	<u>Roslyn Sellers</u>
<b>Other</b>	<u>David Skelton</u>
	<u>Kevin Flockhart</u>