

dicators that are easily understood, measurable and do not require large resources to use.

Education and Skilled Labour Force

There is a need for more tertiary level teaching of indigenous forest management which includes forest ecology, silvicultural systems, human dimensions, environmental or land ethics and forest policy. There is also a need to improve the technical knowledge and capability of people involved in forest management planning, silviculture and harvesting and of those working in the sawmilling and indigenous wood product processing industries.

The way forward:

- Increased emphasis on the recruitment of people with the appropriate training and skills who can deliver the quality of work inputs that an increasingly technically sophisticated, expanding and diverse indigenous forest industry will require.
- Improve the linkages between those working in the industry and researchers, and educational and training institutions.

Research

There are significant gaps in the knowledge base that is required for sustainable management of New Zealand's indigenous forests. Those gaps with the highest priority requiring research are listed below.

Sustainable forest management-

- Forest ecosystem management systems including the development of near-natural silvicultural systems.
- Improved inventory and monitoring systems.
- Techniques for ecological landscape assessments and for assessing impacts of forest management.

Forest certification-

- Appropriate standards and indicators.
- Methods for improving use of forest management standards.

Processing and marketing-

- Improved processing technologies for the various hardwood species.
- Develop and refine basic timber processing standards.

Socio-economic aspects-

- Determination of the full economic potential of the indigenous forest and timber industry.
- * Community and stakeholder attitudes and views towards indigenous forest management and the indigenous timber industry.

Copies of the published Strategy document or an electronic version will be available in September from, Secretary, Indigenous Forest Section, NZFFA, 100 Strachan Road, RD 1, Motueka; or e-mail: rkmay@clear.net.nz.

Third Southern Connection Congress

17-22 January 2000, Lincoln University, Canterbury, New Zealand

Building on the first two highly successful meetings in Tasmania and Chile, the New Zealand-hosted congress provides the opportunity to develop further collaboration among researchers in biosystematics, ecology and biogeography from various parts of Gondwana. Themes for Southern Connection III include: the influence of people on the structure and functioning of southern temperate ecosystems, the ecology and biogeography of *Nothofagus* forests, and examining Gondwanan links in diverse groups such as lichens and invertebrates. In addition to symposia on these and other themes invited papers and posters are welcome. Of interest to foresters will be a symposium on sustainable indigenous forest management with speakers from across the Southern Hemisphere. There will be ample opportunity for contributed papers on this theme as well. For a copy of the second congress circular and registration forms contact: Helen Shrewsbury, Professional Development Group, PO Box 84, Lincoln University, Canterbury (email: shrewsbh@lincoln.ac.nz). For further information on the congress content contact: Dr Glenn Stewart, PO Box 84, Lincoln University, Canterbury (email: stewartg@lincoln.ac.nz) or browse the congress web page at: <http://www.lincoln.ac.nz/cted/south/>

Maxwell Jacobs Fund

The late Dr Max Jacobs was one of Australia's most distinguished foresters. At the time of his retirement in 1970 he was Director-General of the Forestry and Timber Bureau. He died in 1979.

In 1983 the Australian Academy of Science in conjunction with the Institute of Foresters of Australia and the New Zealand Institute of Forestry established a fund to commemorate Dr Jacob's life and work. The fund is used to support worthy projects of forestry research which reflect the enduring interests of Dr Jacobs and to provide graduates within Australia and New Zealand with support not readily available from other sources. There is a total of \$3000 available for grants. The following broad categories of activity may be supported:

- work to be carried out or related to Australasia in any field of forestry
- field-orientated research in Australia and New Zealand in fields reflecting Max Jacob's particular interests
- overseas travel for either administrators or scientists.

Applications for the awards are invited. Forms may be down-loaded from www.science.org.au/awards/awards.htm

For further information, email: ac@science.org.au
The closing date is 30 September 1999.