FARM FORESTRY — THE FIRST 50 YEARS

JOLL HOSKING

NEW ZEALAND FARM FORESTRY ASSOCIATION INC.
WELLINGTON
1999

Further copies of "Farm Forestry — The First 50 Years" can be obtained from:

M. E. F. Smith Neil Barr Farm Forestry Association 120 Pahiatua Track R. D. 1 PALMERSTON NORTH

Telephone: (06) 355-5075 Facsimile: (06) 355-1141

© 1999 New Zealand Farm Forestry Association Inc.

ISBN 0-473-06503-7

Publisher: New Zealand Farm Forestry Association Inc.

P. O. Box 1122 Wellington

Editor: Judy Griffith

Printer: Fisher Print Ltd, Feilding

Cover: A view of Jeremy Thomson's property "Makara". (Photo - Bruce Treeby)

CONTENTS

Frontispiece	V		
Foreword	vi		
Preface viii			
1. Introduction	1		
2. State Involvement with Farm Forestry	9		
State assistance from 1871 Forest Service assistance in forming early branches The deterrent effect of low stumpage The Loan Scheme The Forestry Development Conferences The Forestry Encouragement Grant Scheme Land use arguments The loan and grant schemes justified Joint Ventures legislation The end of the Forest Service Taxation policy under "Rogernomics" Further changes—The Brash Committee The cost of "Cost of Bush" Stability at last Conclusion	10 12 14 17 19 20 22 24 26 27		
3. The Branches of the Association Branch formation Branch histories Lower North—1950 Middle Districts—1956 Hawke's Bay—1956 Taranaki Farm Shelter and Forestry Association—1956 Wairarapa—1956 Gisborne East Coast—1957 Waimate—1957–61 Marlborough—1957 Wairoa—1957 Waikato—1958 The Men of the Trees (Southland) Inc.—1958 North Canterbury—1958 Ashburton—1958 South Canterbury—1958 South Auckland—1958 Canterbury Central—1958 West Otago—1959 Southern Hawke's Bay / Tararua—1959 Waimea Plains—1960	35 35 46 46 54 56 59 62 62 65 70 72 77		
Coromandel—1962/1993			

	Northern Southland / Southland—1962	84
	Mid Otago—1963	87
	Mangonui - Far North—1963	89
	South Otago—1964	
	Northern King Country, King Country, Waitomo—1964	94
	Nelson—1964	97
	Bay of Plenty—1958/1971	99
	Chatham Islands?	
	West Coast—1972	102
	Wellington—1977	103
	Central Otago—1980	105
	North Otago—1981	107
	Mid Northland—1960/1981	110
	Taupo—1988	114
	Ruapehu—1993	115
	Southern High Country—1994	116
	Golden Bay—1995	118
	TILL I Town Francisco and True Common	110
4.	The Journals—Farm Forestry and Tree Grower	119
	Looking for publicity	119
	The Farm Forestry journal	120
	Collecting journal subscriptions	122 123
	Problems with late publication	123
	How Tree Grower began	124
	Bruce Treeby as associate editor	128
	Complete sets of journals	130
	Complete sets of journals	150
5.	Shade and Shelter	132
	Shade	132
	Production from dairy cows	133
	Shelter	134
	Need for height and permeability	135
	Log production from shelter	136
	Early research on shelter in New Zealand	137
	Trials with Leyland cypress	139
	Agroforestry and timberlines	140
	Use of electric fences	141
	National Shelter Working Party	142
	Few advisory services remain	144
6.	Pinus radiata—The Basis of Farm Woodlots	145
	Nursery production	145
	Establishment	147
	Wind problems in establishment	152
	Spacing	153
	Pruning and thinning	155

Totara management Beech management A balanced view Indigenous Forestry Action Group formed	252 255
12. Timber Preservation on the Farm Early treatment—The test fences. Pioneer work with different materials. Membership of Timber Preservation Authority The last word?	
13. The Increasing Problem of Pests and Diseases Pinus radiata—Minor concerns Dothistroma required major control effort Other pests and diseases on pine The risk of pine pitch canker Douglas-fir in the North Island Damaging insects on eucalypts Poplar rusts Cypress canker Blackwood insects New insects hard to control Four-legged pests Need for Association involvement	
14. The Farm Forestry Foundation Capital fund needed for research Donation of trees or assets First trustees and donations Growth of capital Neil Barr's book Memorial to Neil Barr Need for capital growth	
15.Other Activities of the Farm Forestry Association The National Farm Forestry Library Field Organisers—Jack Hawthorn and Bill Gimblett Association's Presence at Mystery Creek The Colour Slide Collection The Farm Forestry Film "In the Company of Trees" Training Courses in Farm Forestry	294 298 302
16. Some of the People Behind the Association	309
Appendix 1: Officers, Conference Venues, and Awards	350
Appendix 2: Record of Executive and Annual Meetings 1957–2000	357



Frontispiece—
Neil and Rose Barr at the Kaipara lookout at "Beresford" during the Orewa Conference visit in 1983.

FOREWORD

It is indeed appropriate that this book, "Farm Forestry—The First 50 Years", should be published at the time of the New Zealand Farm Forestry Association's 50th Anniversary, and that some of the early content comes from foundation members.

It is with great pleasure as Patron of the NZFFA that I have agreed to write this Foreword.

The Association was built on a very sound foundation by farmers with vision and the ability to implement it. For me, one of its greatest achievements, which no university ever managed, was to bring about the integration of farming and forestry, based on the best land use be it woodlots, shelter, shade, land stability, or amenity.

The founders of the Association were mainly farmers who at that period were ahead of their time as far as land use was concerned. They thought of the important role trees could play in increased production, whether of meat, wool, or crops, or in land stabilisation.

From very small beginnings the Association has grown to 31 Branches with a total membership reaching 4700 at peak. Likewise, from a very small start, members are now served by an excellent quarterly journal, *Tree Grower*, quite a large component of which is contributed by members. It also provides up-to-date information in respect of research and forestry concerns.

This book documents the growth of the Farm Forestry Association and the events which were of great significance: these include development of the Loan Scheme and later the Farm Forestry Encouragement Grant, two schemes which, with State aid, established forestry on land well-suited to tree growing and not, as was so often the case, on sites doomed by the cost of extraction. The Association worked with the Forest Research Institute in making properties available for trial work, the development of silviculture regimes, and the selection of other species—and this was just part of their involvement.

One of the Association's greatest contributions to forestry is its Annual Conference, held alternately in the North and the

South Islands, with up to 400 members attending. This is where people with a common interest meet, be they Ministers, leading scientists, or farmers of all descriptions. Seeing them conversing with one another is a pleasure to behold.

I have purposely not singled out personalities; however, there is one name I must mention—that of Joll Hosking who 3½ years ago undertook the task of compiling this history.

Joll has been a tireless worker, researching, chasing farmers up for information (and trying to decipher it), compiling. I feel the credit for this venture is his and, on behalf of the Farm Forestry Association, I congratulate him on the result.

Such is the worth of the Association, I feel confident there will be a further history 50 years hence.

Peter Smail

PREFACE

Farm forestry has played an important part in my life. I visited Neil and Rose Barr in the mid-1950s to find, among other things, that Rose had known me at the age of 3 when she nursed my grandmother!

Continued involvement at Branch or National level since 1960, and attending some 34 Conferences, have enabled Marjorie and me to see the country in a way no tourist could. We have seen many fine properties and have some idea of the tremendous work that some Association members put into their trees, as well as gaining an appreciation of the rural areas of New Zealand.

The nursery business we started was enhanced by discussions at field days on planting successes and failures and helped provide some of the information necessary to give advice to customers. Visits to FRI, particularly attending Symposium No.9 in 1967 and No. 22 in 1981 where almost all the country's forestry nurserymen compared notes, and to many other meetings and discussions around the country, would not have happened without a strong interest in farm forestry.

I believe that people who plant trees are perhaps the most stable citizens in the country—they mostly tend to stay on their properties for their lifetime, and watching trees grow is strong motivation. The thought of seeing money in the bank, or children well endowed is also a reward worth waiting for.

So when our worthy Patron caught me in a weak moment at the 1996 Conference, and suggested that I write the Association history, I agreed. It has been a worthwhile experience, going through the records of 50 years. If I have tended to stress the good old days, or criticise more recent events, put it down to age or senility! I have the same feelings for most aspects of the way we live and manage the country.

This is the only book I've written, which may be obvious. It has grown probably too long, but I've tried to cover a somewhat broader picture of forestry than just farm forestry.

My thanks are due to Marjorie, Trish, and Dave who probably hoped they would get a bit more work out of me over the last few years.

Thanks also to Mike Smith and the Neil Barr Farm Forestry Foundation whose support and work at the costly end of the project have made it happen, and to the many farm foresters and retired Forest Service friends who did answer my letters or return my phone calls. They are the ones with all the knowledge.

Joll Hosking

NEIL BARR FARM FORESTRY FOUNDATION

Publication of this history has been made possible by the generous financial support given by the Foundation over the last 4 years. Without this support the project would not have proceeded.

The Neil Barr Farm Forestry Foundation, previously called the New Zealand Farm Forestry Foundation, was set up in 1986 with its main purpose being to provide financial support for any project that would benefit Farm Forestry.

Further details can be obtained from the Secretary—M.E.F. (Mike) Smith, 120 Pahiatua Track, R. D. 1, Palmerston North. Telephone (06) 355-5075, Fax (06) 355-1141.



Forest Research has been delighted to see the New Zealand Farm Forestry Association grow to its current level, where it is able to make valuable contributions to the national forestry scene. Forest Research has been happy to contribute to that growth, especially through the technology transfer opportunities that the NZFFA has provided to scientists. The entrepreneurial skills of farm foresters have often led researchers into new areas, to our mutual benefit, and the Association's input into Forest Research symposia and workshops has been invaluable.

Some specific areas of mutual interest where *Forest Research* and the NZFFA have made significant advances through collaboration are:

- National Farm Forestry conferences
- · Tikitere agroforestry trial
- AEM (Agroforestry Estate Model)
- Shelter
- · Action groups: Cypress, Paulownia, and AMIGO
- · Forest health
- Timber preservation
- Harvesting
- Eucalypts (Neil Barr was very strong in his support of research programmes).

But perhaps the largest NZFFA input to *Forest Research* programmes has been the use of farm foresters' land for research trials, which have provided the foundation for internationally acclaimed databases.

Forest Research congratulates the Farm Forestry Association on the occasion of their Jubilee. We wish them well in their endeavours, and hope that the future will bring collaboration as fruitful as we have seen in the past.

Contact us:

Forest Research
Sala Street
Sa

Private Bag 3020 *e-mail* – info@forestresearch.co.nz ROTORUA *web* – www.forestresearch.co.nz