



MEDIA RELEASE

Institute of Foresters announce recipients of the N.W. Jolly Medal

The IFA President, Dr Peter Volker, announced today that two worthy recipients would be honoured in 2011 with the awarding of the N.W. Jolly Medal.

The N.W. Jolly Medal is the Institute of Foresters of Australia's highest and most prestigious honour for outstanding service to the profession of forestry in Australia.

In making the announcement, Dr Volker congratulated Mr Robert L Newman OAM and Dr David Flinn and acknowledged the invaluable contribution that both recipients have made throughout their careers as professional foresters.

'Davids career spans over 45 years and Roberts career over 60. These two men have dedicated their forestry careers to research and practical management in government, private and international arenas.'

'Both recipients have shown a remarkable contribution to forestry and continue to provide great insights into the strengths and weaknesses of the industry and the profession. Whilst these two professionals have worked in complimentary areas of expertise, together they respectfully represent scientific and management advancements seen in Australia.' Dr Volker said when making the announcement of the prestigious award.

The award to Robert and David recognises that science, research and how this translates into practical implementation are critically important aspects for the achievement of sustainable forestry and a sustainable and competitive forest industry – something that foresters have always strongly advocated and worked for.

The respective awarding ceremonies will be held later in the year.

Background Information on Robert L. Newman OAM and David W. Flinn is attached.

-END-
(18/05/11)

Further information please contact:
Cassandra Spencer
Institute of Foresters of Australia
(02) 6281 3992
cassandra.spencer@forestry.org.au



Mr Robert Newman OAM



Dr David Flinn

N.W. Jolly Medal Nomination Citation

Robert L. Newman OAM *B.Sc.(For.), Dip. for., F.I.F.A., F.C.F.A., Cert. Bus. Admin., R.P.F.*

Summary

R .L. (Bob) Newman, OAM, is regarded as one of the leaders in the development of private forestry in Australia spanning the years from 1970's to to-day. He has also played a significant part over an even longer period in professional and industrial associations.

He gained a B.Sc. (For) from Melbourne University in 1958 and a Diploma from the Australian Forestry School, Canberra, in 1955 (Appendix C:4) followed by a qualification in Business Management from the Hemingway Robertson Institute. In 1964 he was one of the first students to enter the private sector as a career in forestry and the forest industries

His career, which has spanned nearly 60 years, has covered many facets of Forest Establishment and Management, including eucalypt and pine Silviculture, Fire and Catchment Management. He started working in forestry, as a student in 1951 for the Forests Commission of Victoria. In Forest Products he worked during 1952 and 1953 for the Division of Forest Products CSIRO, then followed attendance at the Australian Forestry school (Appendix C:4). At the end of 1955 he was appointed Forester with Australian Newsprint Mills at Maydena in southern Tasmania and was responsible for resource assessment and supporting Dr Max Gilbert with his silvicultural research. In 1959 he was invited to join The State Electricity Commission of Victoria as the Works Forestry officer for the Kiewa Hydro-electric scheme at Bogong in North-east Victoria. Over 5 years he carried out the eradication of Plasmid plagues, was responsible for the Fire Protection, and stabilisation of newly constructed race lines and supply of logs to a major sawmill (Appendix C:3).

In 1964 he accepted the position of Development Manager for Strahan and Davies with pine sawmills at Myrtleford and a hardwood sawmill in the Otway's. During a 4 year period he was responsible for a major timber treatment plant construction and the installation of a Veneer peeling plant at Myrtleford and at the Company's H.Q. in Melbourne, new timber drying facilities. With this experience and the sale of the pine Mill to Bowater Scott he took up the offer to become General Manager for George Hudson for the A. C. T. and Southern N.S.W. in 1968. This was mainly a timber distribution role and with the intense competition in Sydney the position became untenable with the Company as a whole ceasing to trade .

With the support of timber suppliers in Sydney and Melbourne he commenced trading in Canberra in 1970 and had a successful business until 1976 when the Federal Government decided to reduce significantly funding for the Development of Canberra. He shut the business down and commenced full-time consulting with his first job from 1976 to 1980 with Risby Forest Industries in Tasmania,

He combined consulting with plantation establishment, from Launceston in 1980 carried out the role of Secretary of the A.F.D.I and the Timber Preservers Association. He under took the organisation of the Bicentenary Forestry Conference (Appendix C:7) by moving to Albury with his staff in 1987. After the conference in 1988 when he also organised the establishment of the National Foresters Grove (Appendix C:9). He kept his H.Q. there until 1993 when he was invited to take up accommodation at the C.S.I.R.O. Campus at Yarralumla (Appendix C: 10).

He merged his practice with G.H.D. Consultants in 2002 and has continued in private practice up to 2011. During his 30 years he carried out some 2000 client projects requiring detailed reports. Clients included;

A.N.M. Ltd; APPM Ltd Hyne and son Ltd, Forest Resources,, Tasmanian Government :N.S.W. Government, Tasmanian Board mills, Risby Forest Industries ;Duncans Holdings; Timberlands Plantations, Great Southern Plantations. Canterwood; Central Pacific Minerals, Fisher Jeffries, Rayonier; Victorian Government; DPI Queensland, Jardine Insurance and, CSR.

During his career he has worked overseas in Papua New Guinea, Malaysia and the Solomon Islands as well as in South Africa, New Zealand, Canada (Appendix C: 8), China and U.K..

Contribution to the development of Professional Foresters and of the role of forestry in general.

IFA.

1951 joined the I.F.A as a student member and have been a member ever since becoming a full member in 1961 and a fellow in 2005.

- 1958 attended second I.F.A. conference in Canberra and attended 14 (70%) of subsequent conferences and has been a committee man for three of them.
- 1960 one of the founders and served as Secretary of the I.F.A. Murray Catchment branch until 1964 and produced an I.F.A. publication "Forest services in Murray valley ". With several editions
- 1961 to 1995 employed forestry students and recent graduates. (Dr. Wilf. Crane was the first). by 1995 he had employed some 80.
- 1962 presented a paper in the IFA (Melbourne) Conference to encourage the formation of branches.
- 1968 lectured in Forest Utilization at Melbourne Uni. before leaving for Canberra General Manager's appointment.
- 1977 gave a paper on the Marketing of Timber in Adelaide to the I.F.A. Conference.
- 1978 a founder member and became the second President of the Association of Consulting Foresters of Australia.
- 1982 was a substantial financial supporter of the IFA Jacobs memorial prize.
- 1984 was responsible for the suggestion to establish the M.R. Jacobs Oration to be given at I.F.A Conferences.
- 1985 Committeeman for the IFA (Hobart) Conference and gave a paper on Carbon sequestering.
- 1988 when responsible for the Australian Bicentenary conference also oversaw the establishment and then the maintenance of the National Foresters Grove. By 2011 nearly 200 trees dedicated with plaques.
- 1996 until 2004, Occasional Lecturer at ANU.
- 1997 raised funds (\$20,000 now) to initiate a permanent Jacobs prize for Silviculture; now at four Universities-A.N.U. ,Melbourne, Canterbury and Southern Cross.
- 2000 Committeeman for the reunion of A.F.S. students in Canberra.
- 2005 made a Member of the Order of Australia with Medal for Services to Forestry and the Community including Rugby Union.
- 2008 arranged the naming of a thoroughfare to be called Max Jacobs in Canberra and with Mark Parsons prepared nominations for 30 others
- 2008 gave a financial award for an A.C.T. Forester of the year for each of three years to establish an ongoing award .For the second time (the first about 1994) he joined the A.C.T. Division Committee and was responsible for Organising the Anniversaries Dinner in 2010.
- AFDI, CFA et al.**
- 1957 One of the Foresters to show Commonwealth Forestry conference delegates the A.N.M. Pulpwood operations in Southern Tasmania.
- 1970-72 President Canberra and Hobart (1980-82) Hoo-Hoo Clubs.
- 1977 Joined the Commonwealth Forestry Association.
- 1977 attended the first Conference of A.F.D.I in Traralgon and became a member and later a member and started Tasmanian branch in 1977 as Hon Secretary followed by being Chairman 1980-1981.
- 1979 responsible for supporting the AFDI Conferences in Launceston, Mt Gambier 1982 , Dunedin N.Z. 1984, and Coffs Harbour. 1986.
- 1982 National Hon Secretary AFDI until 1990. Responsible for arranging core services such as insurance and tax concerns and servicing Branch structure from his Launceston Office.
- 1985 together with an AFDI Committee he arranged to meet with Hon John Kerin to forestall the Federal Government legislating to stop Individuals gaining a tax deduction on their private income when investing in Plantations. This was successful and in 1986-1987 arranged Investment seminars in Melbourne and Sydney to encourage investment in Plantations.
- 1985 became a CFA Governing Councillor in time for C.F.C. in Vancouver.

Attended Commonwealth Forestry Conferences (Vancouver 1985, Rotorua, 1989, Kuala Lumpur, 1993, Perth 2001, and Colombo 2005).

1986 with Professor Poore instigated the H.M. Queens Award for Forestry and arranged the first award in Melbourne by H.M.The Queen.

1988 elected Vice Chairman of Governing Council.

1988 responsible for organising the Australian Bicentenary Conference in Albury and founding the National Foresters Grove.

1989 and 2004 Guest Speaker C.F.A. Function Vancouver.

1991 organised the move of the AFDI national office to the NAFI building in Canberra.

1990-1993 Chairman of CFA.

1993 continuing role of Vice President of C.F.A. up to today.

1996 on the 75th Anniversary of CFA presented H.M The Queen with an Australian parquetry piece depicting a Eucalypt.

1997 proposed a CFA regional medal to be awarded for excellence for S.E. –Asia. Implemented regularly since 1998.

1999 attended the function for the Duke of Buccleuch to mark his long service as President of the C.F.A. in Edinburgh.

2006 made Life Member T.C.A. .

N.W. Jolly Medal Nomination Citation

David W. Flinn Dip. For.(Cres.), B.Sc. (For.) Hons., Ph.D. (Melb.)

Summary

Dr David Flinn spent his entire 45-year forestry career in the field of forestry research and development. Significant advances in Australian forestry knowledge and practice were made as a result of both his personal research and the work of his staff. These advances were particularly important in the field of the nutrition and growth of *Pinus radiata*, the major plantation timber species in Australasia.

Born in 1944 and growing up in beloved north-east Victoria, David achieved his Diploma from the Victorian School of Forestry in the period 1963-5. He went on to the University of Melbourne to earn his B.Sc. (For.) Hons. in 1969. Post-graduate study resulted in a PhD for his thesis on the calcium nutrition of *Pinus radiata* in 1975.

On joining the Victorian Forests Commission's Research Branch in 1975 David focused on research into various aspects of the nutrition and productivity maintenance of tree plantations. In addition, he branched out into weed control and hydrology. The resultant identification of:

- new fertilizer regimes
- ways to deal with second rotation decline, and
- new, more environmentally-friendly herbicides and application techniques,

gave a strong scientific underpinning to the large plantation establishment programs that were underway in the 1970s and 1980s in south-eastern Australia.

Testament to his excellent managerial skills, David became the Manager of the Forest Research Branch of the Victorian Department of Conservation, Lands and Forests Division in 1986. In the period 1993-98, he was the Director of the new expanded Forest Research and Development Branch (known as the Centre for Forest Tree Technology - CFTT). A major player in the 1999-2000 merger of CFTT with the University of Melbourne's School of Forestry, David became inaugural Director of the new body - the Forest Science Centre – and was appointed an Associate Professor of Forestry of the University of Melbourne.

During the period 1975- 2000, David served the wider forestry profession with distinction in Australia and internationally by his active membership in the following groups:

- Research Working Group No.3 (Soils and Nutrition) of the Australian Forestry Council (incl. chairman for two years) – 8 yrs
- Radiata Pine Research Liaison Committee of CSIRO Division of Forest Research – 10 yrs
- Executive Board of the International Union of Forest Research Organisations (IUFRO) - representing the Western Pacific nations – 5 yrs
- IUFRO delegate on the Technical Committee of the Montreal Process Working Group
- Research Priorities and Coordination Committee of the Standing Committee on Forestry -14 yrs
- Australian Weeds Committee - 8 yrs
- Technical Reference Committee during the development of the Australian Forestry Standard – as the independent forest scientist
- The Institute of Foresters of Australia (incl. refereeing many papers for *Australian Forestry*) – 27 yrs

David's involvement with IUFRO spanned several years and he attended many meetings in Europe, South-East Asia, and elsewhere. For someone who is not a keen flyer this was a major commitment! Among other duties and responsibilities, he was appointed a deputy vice-president of the IUFRO Board in 1997 and initiated the IUFRO/FAO/CIFOR International Conference on Sustainability Indicators in Melbourne in 1998. David's work with IUFRO was carried out in his usual thorough and enthusiastic way – raising the profile of Australian forestry in the process.

David played a role within the Victorian government in bringing the now large Blue Gum plantation industry to south-west Victoria through his advocacy of the potential of the sector and his vision in fostering collaborative research to underpin this (then) new industry.

His extensive knowledge of herbicides and their modes of action on weed and plantation species made him a particularly valuable member of the Australian Weeds Committee, and a frequent referee for agricultural chemical registration reviews. One of his many legacies is Australia's National Weeds Strategy, of which he was a co-author.

During the mid-late 1990s David was key contributor to the revision of the Victorian Code of Forest Practices for Timber Production and to the State-wide Silviculture Working Party, a Departmental policy advisory body. In complex negotiations, David has a unique and valuable ability to summarise various views and pieces of information and then suggest a way forward that is acceptable to all parties.

David was always interested in putting research results into field practice. In the 1980s he pioneered a means of technology transfer known as Research and Development Action Groups (RDAGs). These regional groups were comprised of R&D staff, field officers and policy personnel, and met usually twice a year for a couple of days. RDAGs were remarkably productive and often led to new research projects when problems had no clear solution.

With his friendly and encouraging leadership style, David maintained a loyal group of scientists and technicians who worked on a large range of programs, including genetics, entomology, pathology, native forest silviculture, fire ecology, hydrology, as well as nutrition of eucalypts and pines. Some of the major research programs are listed on Page 1.

After retirement in 2000, David continued his passion for forestry and undertook a number of consultancies including authoring major reports on the extensive forest fires in Victoria in 2003 and 2006/07. He was awarded the Commonwealth Forestry Association Medal (Asia-Pacific Region) in 2000 for excellence in forest management. David is currently actively involved in a native forest harvesting project in East Gippsland which he believes will have positive outcomes for the forest, the industry, and regional communities.

David was, and is, well known for his perceptive and helpful editing of draft reports by colleagues – mostly in the days before word processing programs made this somewhat easier. This was a skill which helped to underpin the significant output of quality research reports. He published over 80 scientific and technical papers as senior author (~30) or co-author (~55). *These are listed below.* In addition, he contributed to numerous research project reports which were produced departmentally, but not formally published.

PUBLICATIONS LIST - David W. Flinn

Books, Journal Papers and Conference Papers

- Raison, R.J., Brown, A.G. and Flinn, D.W. 2001. (Eds.) Criteria and Indicators for Sustainable Forest Management. IUFRO Research Series No 7, CABI, UK, 462 pp.
- Hopmans, P., Bren, L.J. and Flinn, D.W. 2000. Water quality as an indicator for sustainable management of a forested catchment following conversion from eucalypt forest to radiata pine plantation. Proc. XXI IUFRO World Congress, Malaysia, August 2000, Division 8, Session 8.03.00 (in press).
- Hopmans, P. and Flinn, D.W. 1998. Long-term response of radiata pine to phosphate fertiliser on a strongly P-fixing soil. In Sassa, J. (ed.): Proc. IUFRO Conf. on Environmental Forest Science, pp. 325-332, Kluwer Academic Publishers.
- Stewart, H., Jenkin, B., McCarthy, R. and Flinn, D. 1994. Public versus user perceptions of risks and benefits of plantation forestry in Victoria, Australia. In Seawright, A. and Eason, C.I. (eds.): Proc. of the science workshop on 1080, Royal Soc. of N.Z., Misc. Series 28, pp. 10-19.
- Hopmans, P., Stewart, H.T.L. and Flinn, D.W. 1993. Impacts of harvesting on nutrients in a eucalypt ecosystem in south-eastern Australia. *For. Ecol. Manage* **59**: 29-51.
- Hopmans, P., Flinn, D.W., Geary, P.W. and Tomkins, I.B. 1993. Sustained growth response of *Pinus radiata* on podzolised sands to site management practices. *Aust. For.* **56** : 27-33.
- Squire, R.O., Flinn, D.W. and Campbell, R.G. 1992. Silvicultural research for sustained wood production and biosphere conservation in the pine plantations and native eucalypt forests of south-eastern Australia. *Aust. For.* **54**: 120-133.

- Morris, J.D., Baker, T.G., Hopmans, P., Neumann, F.G., Pederick, L.A. and Flinn, D.W. 1992. Tree Growing Research for the Trees for Profit Program: Position Paper, June 1992. *In Proc. of Seminar on Commercial Tree-Growing for Land and Water Care in some Irrigation and Associated Dryland Areas in the Murray-Darling Basin.* Trees for Profit Research Centre, Univ. of Melb., pp. 25-39.
- Flinn, D.W. and Mamers, H. (Eds.) 1991. Management of Eucalypt Regrowth in East Gippsland: Executive Summary of Research Findings, Dept. Cons. and Env., Melbourne, 43 pp.
- Hopmans, P., Stewart, H.T.L., Flinn, D.W. and Hillman, T.J. 1990. Growth, biomass production and nutrient accumulation by seven tree species irrigated with municipal effluent at Wodonga, Australia. *For. Ecol. Manage.* **30**: 203-211.
- Stewart, H.T.L., Hopmans, P., Flinn, D.W. and Croatto, G. 1990. Harvesting effects on phosphorus availability in a mixed-eucalypt ecosystem in south-eastern Australia. *For. Ecol. Manage.* **36**:149-162.
- Stewart, H.T.L., Hopmans, P., Flinn, D.W. and Hillman, T.J. 1990. Nutrient accumulation in trees and soil following irrigation with municipal effluent in Australia. *Environ. Poll.* **63**: 155-177.
- Flinn, D.W. and Turner, J. 1990. Opportunities for increased softwood production in Australia through intensive site and nutrient management. *In "Prospects for Australian Forest Plantations"* (Eds. J. Dargavel and N. Semple), Aust. Nat. Univ., Canberra, pp. 225-240.
- Baldwin, P.J., Stewart, H.T.L., Bird, P.R., Hamer, W.I., Flinn, D.W., Cumming, K.N. and Connor, D.J. 1988. Establishment of an agroforestry research network in Victoria, Australia. *Agrofor. Syst.* **6**: 213-233.
- Fagg, P.C., Flinn, D.W. and Hepworth, G. 1988. Spot-spraying of hexazinone and amitrole/atrazine in the establishment of first and second rotations of *Pinus radiata* in south-west Victoria. *Plant Prot. Quart.* **3**: 74-77.
- Hopmans, P., Flinn, D.W. and Farrell, P.W. 1987. Nutrient dynamics of forested catchments in south-eastern Australia and changes in water quality and nutrient exports following clearing. *For. Ecol. Manage.* **20**: 209-231.
- Leitch, C.J. and Flinn, D.W. 1986. Hydrological effects of clearing native forest in north-east Victoria: The first 3 years. *Aust. For. Res.* **16**: 103-116.
- Farrell, P.W., Flinn, D.W., Squire, R.O. and Craig, F.G. 1986. Maintenance of radiata pine monocultures on sandy soils in southeast Australia. *In Forest Site and Productivity* (Ed. S. P. Gessel), pp.127-136, Martinus Nijhoff publishers..
- Stewart, H.T.L. and Flinn, D.W. 1985. Nutrient losses from broadcast burning of *Eucalyptus* debris in north-east Victoria. *Aust. For. Res.* **15**: 321-332.
- Flinn, D.W. 1985. Practical aspects of the nutrition of exotic conifer plantations and native eucalypt forests in Australia. *In Research for Forest Management* (Eds. J.J. Landsberg and W. Parsons), CSIRO, Melbourne, pp. 73-93.
- Stewart, H.T.L., Flinn, D.W. and Hopmans, P. 1985. On harvesting and site productivity in eucalypt forests. *Search* **16** : 206-210.
- Flinn, D.W., Farrell, P.W., Stewart, H.T.L., Leitch, C.J. and Hopmans, P. 1984. The effects of fire in eucalypt forests on soils, nutrient cycling, tree growth and catchment hydrology: a review with particular reference to fuel reduction burning. *In Fighting Fire with Fire* (Ed. E.H.M. Ealey), Monash University, Melbourne, pp. 146-185.
- Geary, P.W., Hopmans, P. and Flinn, D.W. 1984. Phosphorus nutrition of radiata pine established on an infertile siliceous sand. *In Proc. Nat. Soils Conf., Brisbane*, p. 320 (Abstract).
- Squire, R.O., Farrell, P.W., Flinn, D.W. and Aeberli, B.C. 1985. Productivity of first and second rotation stands of radiata pine on sandy soils. II. Height and volume growth at five years. *Aust. For.* **48**: 127-137.
- Flinn, D.W. and Fagg, P.C. 1984. Review of weed control practices in radiata pine plantations in Australia. *In Proc. 7th Aust. Weeds Conf., Perth, Sept. 1981, Vol. 1*, pp. 220-232.
- Hopmans, P. and Flinn, D.W. 1984. Boron deficiency in *Pinus radiata* D. Don and the effect of applied boron on height growth and nutrient uptake. *Plant and Soil* **79**: 295-298.
- Pederick, L.A., Hopmans, P., Flinn, D.W. and Abbott, I.D. 1984. Variation in genotypic response to suspected copper deficiency in *Pinus radiata*. *Aust. For. Res.* **14**: 75-84.
- Stewart, H.T.L. and Flinn, D.W. 1984. Establishment and early growth of trees irrigated with wastewater at four sites in Victoria. *For. Ecol. Manage.* **8**: 243-256.
- Leitch, C.J., Flinn, D.W. and van de Graaff, R.H.M. 1983. Erosion and nutrient loss resulting from Ash Wednesday (February 1983) wildfires: a case study. *Aust. For.* **46**: 173-180.
- Fagg, P.C. and Flinn, D.W. 1983. Evaluation of hexazinone and 3, 6-dichloropicolinic acid for control of *Acacia dealbata* and *Eucalyptus* spp. in young *Pinus radiata* plantations in Victoria. *Aust. For.* **46**: 190-199.
- Leitch, C.J. and Flinn, D.W. 1983. Residues of hexazinone in streamwater after aerial application to an experimental catchment planted with radiata pine. *Aust. For.* **46**: 126-131.
- Hopmans, P. and Flinn, D.W. 1983. Nutrient requirements in three Victorian radiata pine nurseries with contrasting soils. *Aust. For.* **46**: 111-117.
- Flinn, D.W. and Waugh, R.J. 1983. Evaluation of gypsum and organic matter additions for improving soil structure in a radiata pine nursery at Benalla, Victoria. *Aust. J. Exp. Agric. Anim. Husb.* **23**: 208-215.
- Flinn, D.W. and Minko, G. 1983. Chemical control of natural seedling regeneration of radiata pine (*Pinus radiata* D. Don). *Aust. Weeds* **2**: 53-55.

- Flinn, D.W., James, J.M. and Hopmans, P. 1982. Aspects of phosphorus cycling in radiata pine on a strongly phosphorus absorbing soil. *Aust. For. Res.* **12**: 19-35.
- Flinn, D.W. and Aeberli, B.C. 1982. Establishment techniques for radiata pine on poorly drained soils deficient in phosphorus. *Aust. For.* **45**: 164-173.
- Stewart, H.T.L., Flinn, D.W., Baldwin, P.J. and James, J.M. 1981. Diagnosis and correction of iron deficiency in planted eucalypts in north-west Victoria. *Aust. For. Res.* **11**: 185-190.
- Minko, G. and Flinn, D.W. 1981. Evaluation of herbicides for stem injection of woody weeds in young radiata pine plantations. *Aust. For.* **44**: 260-266.
- Cromer, R.N., Cameron, D., Cameron, J.N., Flinn, D.W., Neilsen, W.A., Raupach, M., Snowdon, P. and Waring, H.D. 1981. Response of eucalypt species to fertiliser applied soon after planting at several sites. *Aust. For.* **44**: 3-13.
- Stewart, H.T.L., Flinn, D.W. and James, J.M. 1981. Biomass and nutrient distribution in radiata pine. In Proc. Aust. For. Nutrition Workshop, Productivity in Perpetuity, Canberra, August 1981, pp. 173-185.
- Squire, R.O. and Flinn, D.W. 1981. Site disturbance and nutrient economy of plantations with special reference to radiata pine on sands. In Proc. Aust. For. Nutrition Workshop, Productivity in Perpetuity, Canberra, August 1981, pp. 291-302.
- Flinn, D.W. and Minko, G. 1981. Advances in control of woody weeds in radiata pine plantations in Victoria. In Proc. Sixth Aust. Weeds Conf. (Eds. B.J. Wilson and J.T. Swarbrick), Gold Coast, September 1981, pp. 159-164.
- Farrell, P.W., Flinn, D.W., Squire, R.O. and Craig, F.G. 1981. On the maintenance of productivity of radiata pine monocultures on sandy soils in south-east Australia. In Proc. XVII IUFRO World Congress, pp. 117-128.
- Flinn, D.W., Squire, R.O. and Farrell, P.W. 1980. The role of organic matter in the maintenance of site productivity on sandy soils. *N.Z.J. For.* **52**: 229-236.
- Flinn, D.W., Hopmans, P. and Craig, F.G. 1980. Survey of the nutrient status of *Pinus radiata* seedlings and of soil properties in three Victorian nurseries. *Aust. For.* **43**: 58-66.
- Hopmans, P., Flinn, D.W. and Farrell, P.W. 1980. Nitrogen mineralisation in a sandy soil under native eucalypt forest and exotic pine plantation in relation to moisture content. *Commun. Soil Sci. and Plant Analysis* **11**: 71-79.
- Flinn, D.W., Stewart, H.T.L. and O'Shaughnessy, P.J. 1979. Screening of weedicides for overspraying *Eucalyptus*, *Pinus* and *Casuarina* on clay soils irrigated with treated effluent. *Aust. For.* **42**: 215-225.
- Squire, R. O., Flinn, D.W. and Farrell, P.W. 1979. Productivity of first and second rotation stands of radiata pine on sandy soils. I. Site factors affecting early growth. *Aust. For.* **42**: 226-235.
- Flinn, D.W., Bren, L.J. and Hopmans, P. 1979. Soluble nutrient inputs from rain and outputs in stream water from small forested catchments. *Aust. For.* **42**: 39-49.
- Flinn, D.W., Hopmans, P., Farrell, P.W. and James, J. M. 1979. Nutrient loss from the burning of *Pinus radiata* logging residue. *Aust. For. Res.* **9**: 17-23.
- Flinn, D. W., Hopmans, P., Moller, I. and Tregonning, K. 1979. Response of radiata pine to fertilisers containing N and P applied at planting. *Aust. For.* **42**: 125-131.
- Flinn, D.W., Moller, I.M. and Hopmans, P. 1979. Sustained growth responses to superphosphate applied to established stands of *Pinus radiata*. *N.Z. J. For. Sci.* **9**: 201-211.
- McKimm, R.J. and Flinn, D.W. 1979. Eucalypt species, site preparation and fertiliser requirements for reforestation of the Toorongo Plateau in central Victoria. *Aust. For.* **42**: 117-124.
- Stewart, H.T.L., Flinn, D.W. and Aeberli, B.C. 1979. Above-ground biomass of a mixed eucalypt forest in eastern Victoria. *Aust. J. Bot.* **27**: 725-740.
- Hopmans, P., Flinn, D.W. and Aeberli, B.C. 1978. Evaluation of soil testing methods for predicting early growth and responses to phosphatic fertiliser of *Pinus radiata* at Heywood, Victoria. *Aust. For. Res.* **8**: 57-56.
- Flinn, D.W. 1978. Comparison of establishment methods for *Pinus radiata* on a former *P. pinaster* site. *Aust. For.* **41**: 167-176.
- Flinn, D.W. 1978. Early growth response of radiata pine to grass control and superphosphate in the Strzelecki Ranges. In Proc. First Conf. Council Aust. Weed Sci. Soc., Parkville, April 1978, pp. 317-320.

Technical Reports

- Stewart, H.T.L., Hopmans, P., Flinn, D.W., Hillman, T. J. and Collopy, J. 1988. Evaluation of irrigated tree crops for land disposal of municipal effluent at Wodonga. Albury - Wodonga Development Corporation, Albury, NSW, *Technical Report* No. 7, 28 pp.
- Flinn, D., Dolman, G., Haines, R., Karjalainen, U. and Raison, J. 1998. Proceedings of International Conference on Indicators for Sustainable Forest Management. Centre for Forest Tree Technology, Department of Natural Resources and Environment, Victoria, 175pp.
- Tolhurst, K.J., Flinn, D.W., Loyn, R.H., Wilson, A.G. and Foletta, I. 1992. Ecological effects of fuel reduction burning in a dry sclerophyll forest: A summary of principal research findings and their management implications. Forest Research Centre, Dept. Conservation and Environment, Victoria, 52pp.
- Geary, P.W., Hopmans, P. and Flinn, D.W. 1986. Nutrition of radiata pine established on an infertile siliceous sand in south-western Victoria. Dept. Conservation, Forests and Lands, *For. Tech. Pap.* **30**: 26-34.

- Wu, A.Y.K., Papworth, M.P. and Flinn, D.W. 1984. The effects of some forest practices on water quality and yield in the Reefton Experimental Area, Victoria. Part I, Pre-treatment phase. Soil Cons. Auth., Vic., 123 pp.
- Johnston, J.B., McKittrick, D.J., Flinn, D.W. and Brown, H.G. 1983. Fire protection and fuel-reduction burning in Victoria. Report to the Minister of Forests, Govt. Printer, Melb. , 56 pp. plus Appendices.
- O'Shaughnessy, P.J., Curry, C. J., Flinn, D.W. and Oates, N.M. (Eds.) 1983. Pre-print of papers presented to 10th Triennial Conf. of Inst. of For. of Aust. on 'Facing Forestry's Future', Melbourne Aug./Sept. 1983.
- Fagg, P.C. and Flinn, D.W. 1983. Velpar herbicide: Research and operational practice in Forests Commission Victoria radiata pine plantations. *Aust. Weeds Res. Newsletter* **31**: 11-15.
- Minko, G. and Flinn, D.W. 1982. Screening of weedicides for use in the Benalla radiata pine nursery. For. Comm. Vic., *For. Tech. Pap.* **29**: 3-9.
- O'Shaughnessy, P.J., Moran, R.J. and Flinn, D.W. 1981. The Crotty Creek Project. The effects of strip thinning *Eucalyptus regnans* on water yield. First progress report - pre-treatment phase. Melb. and Metrop. Board of Works, Rep. MMBW-W-0013 and For. Comm. Vic. Misc. Publ. No. 9, 78 pp.
- Flinn, D.W. and Farrell, P.W. 1981. Management of *Pinus radiata* on phosphorus deficient soils in Victoria. *In Proc. Aust. Soc. Soil Sci. Vic. Branch, Soil Management Conf., Dookie, May 1981*, pp. 5-14.
- Flinn, D.W. and Minko, G. 1980. Screening of herbicides for woody weed control in *Pinus radiata* plantations. For. Comm. Vic., *For. Tech. Pap.* **28**: 12-17.
- Flinn, D.W., Minko, G. and Stokes, K.G. 1980. Aerial application of "Velpar" L for woody weed control in established pines. *Aust. For. Grower* **3**: 55-56.
- Bren, L.J., Flinn, D.W., Hopmans, P. and Leitch, C.J. 1979. The hydrology of small forested catchments in north-eastern Victoria. I. Establishment of the Cropper Creek Project. *For. Comm. Vic., Bull.* **27**: 48pp.
- Hopmans, P., Flinn, D.W. and Squire, R. O. 1979. Soil chemical properties under eucalypt forest and radiata pine plantations on coastal sands. For. Comm. Vic., *For. Tech. Pap.* **27**: 15-21.
- Flinn, D.W. and Hopmans, P. 1977. Pesticides in the forest environment. I. Use of 2, 4, 5-T for control of woody weeds in *Pinus radiata* plantations in Victoria. For. Comm. Vic., *For. Tech. Pap.* **26**: 5-10.
- Flinn, D.W. 1977. Use of fertilisers on farm woodlots. *In Papers and Proc. Part 1, AFDI For. Conf., Traralgon, Oct. 1977*, pp. 110-113.
- Flinn, D.W. and Hopmans, P. 1976. Nutrition of *Pseudotsuga mensiesii* at Narbethong. For. Comm. Vic., *For. Tech. Pap.* **24**: 19-22.
- Flinn, D.W. 1976. Nutrition of *Eucalyptus globulus* at Powelltown. For. Comm. Vic., *For. Tech. Pap.* **25**: 5-7.