



# FOREST ECONOMICS DEPARTMENT

## NEWSLETTER

Editors: Michael Jones and David Cope

Finnish Forest Research Institute, Helsinki, Finland

Kaisaniemenkatu 1, 00100 Helsinki 10

No 20/8.9.1971

### Departmental personnel

Head of department: Prof. Lauri Heikinheimo

Professor of business economics (acting): Prof. Lorenzo Runeberg (plastics and wood).

Professor Emeritus: Prof. N.A. Osara (Finland's forestry in the world economy).

Research specialist (acting): Dr. Matti Palo (forecasting and optimization models).

Researchers: Markku Aho (roundwood removals), David Cope (land-use economics), Matti Heikinheimo (standard of living of forest workers), Jan Heino (social benefits of forests), Terho Huttunen (wood consumption), Jouko Hämäläinen (economics of thinning), Buddhi Jha (Finnish Scholarship), Michael Jones (land tenure), Heikki Juslin (consumer behaviour), Dr. Veli-Pekka Järveläinen (silvicultural behaviour of forest owners), Pertti Mikkola (waste wood), Aarne Reunala (structural change in forest ownership), Dr. Esko Salo (removal measurement), Sampsa Sivonen (regeneration economics), Hannu Vehviläinen (forest labour).

Extra-departmental researchers: Prof. Seppo Ervasti (forest balance), Heikki Kunnas (forestry in national accounting).

Research secretary: Marja Harmanen.

Research assistants, calculators and typists: Aune Kankkunen, Maija Kuusijärvi, Seija Malinen, Asko Niemi, Leif Niemi, Helena Päivinen, Erkki Raittila, Pirjo Saramäki, Rakel Seppälä, Anna-Leena Simula, Brita Sjöstrand, Maija-Liisa Soveri, Ilpo Tikkanen, Kaija Westin.

Vahtimestari: Erkki Berg.

### Colloquia

The first colloquium of the autumn will take place at 2.15 p.m. on 13th September in the department's conference room. T.C. Clarke of the Canadian Forestry Service will discuss the research at the Forest Economics Research Institute in Ottawa, of which he is director.

The programme for the remainder of the autumn will be as follows:

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| 11th Oct. | Prof. Osmo Pasanen will be presenting some aspects of lake-shore management in Minnesota.  |
| 15th Nov. | Prof. Lorenzo Runeberg will lead a discussion on the role and scope of the department's new professorship in business economics. |
| 13th Dec. | Tuomas Heiramo will discuss his first year as the institute's information officer.   |

## National Income Accounting for Forestry

(IUFRO Section 31. Working Group I. Report 1970/71)

W.G. I. Leader: L. Heikinheimo  
Secretary: H. Kunnas

After the first meeting of the Working Group in Geneva in 1968, a draft report based on the international systems SNA was prepared by the Secretary, H. Kunnas, and presented at the second meeting, held in Oxford in December 1970. As a result of this meeting, a second draft, "Forestry in National Accounts", was worked out. In this paper, the problems of national-income calculations in forestry are examined, and a model of production and income accounts is put forward. This report was presented and discussed at the XV IUFRO Congress in Gainesville. As only a few members of the group were presented at the Congress, it was decided to distribute the report to all members for critical remarks to be sent to the Chairman. After revision, the report is now about to be published in Folia Forestalia, Helsinki.

It was also decided to recommend that the Working Group continue with work on the Eastern European National Accounting System, and that consideration be given to treatment of social benefits and costs of forest enterprises in national-income accounting. This recommendation was followed by the Section, which decided to have a working party on national-income accounting in the new organization of IUFRO.

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### New publications

- Huttunen, Terho. Puunkäyttötutkimukset - mitä ne ovat? (Research into wood consumption - what is it?). Metsäliiton Viesti, 22:2. Helsinki, 1971.
- Juslin, Heikki. Perheenjäsenten roolit rakennusmateriaalien valinnassa (The roles of family members in the choice of building materials). Sahamies, 23:4. Helsinki, 1971.
- Keipi, Kari. Lannoitus ja puun laatu (Fertilization and wood quality). Suomen Puutalous, no. 4. Helsinki, 1971.
- Metsäntutkimuslaitos. Metsäekonomin tutkimusosasto 1970-1976. (The Forest Economics Department 1970-1976). Mimeographed. Helsinki, 1971.
- Osara, N.A. & Pentti Koria. Nigeria: forest industries development plan. A proposal for a study project. Ministry for Foreign Affairs in Finland, Bureau of Technical Assistance. Mimeographed. Helsinki, 1971.
- Palo, Matti. A systems-oriented frame model for planning research projects in forestry. Tiivistelmä: Metsällisen tutkimusprojektin suunnittelun systeemitoteuttinen kehysmalli. Communicationes Instituti Forestalis Fenniae, 72:4. Helsinki, 1971.
- Reunala, Aarne. Ammattikunta ja yhteiskunta (Profession and society). Metsänhoitaja, 21:5. Helsinki, 1971.
- Salo, Esko. Hakkuupoistuman määrittäminen metsälöytöksestä. Summary: Determination of drain from fellings by a sample of forest units. Communicationes Instituti Forestalis Fenniae, 72:5. Helsinki, 1971.

Vehviläinen, Hannu. Metsätyömiesten moottorisahakustannukset 1969-1970. Summary: Power-saw costs of forest workers in 1969-1970. Folia Forestalia, 106. Helsinki, 1971.

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#### Forthcoming lectures and symposia

Professor Lauri Heikinheimo will be giving a talk on Finnish forest policy to 20 visiting Japanese foresters on Monday, 6th September, at Metsätalo.

On 10th September, Aarne Reunala will be giving a talk to forest owners and professionals at Joensuu on structural change in forest ownership and its effects. The meeting is being organized by the North Karelian District Forestry Board.

Professor Heikinheimo and Aarne Reunala will be lecturing on 21st and 22nd September to the Finnish excursion of the World Forestry Studies Congress being held in Stockholm. The theme of the excursion is "Increasing Wood Production". Professor Heikinheimo will discuss the planning and programming of wood production on 21st, and Aarne Reunala will talk about human resources in developing forestry production on 22nd. The meeting will take place at Tuomarniemi.

A talk entitled "Planning for the supply of labour" will be given by Professor Heikinheimo on 25th September at Kotka. It will form one of a group of lectures dealing with establishment and operation at a seminar being held by the Finland/FAO Sawmill Training Centre (training centre for the planning and promotion of the sawmilling sector in the developing countries).

On 30th September and 1st October, a symposium on synthetic paper will be held jointly by SITRA (Finnish National Fund for Research and Development) and the Central Laboratory in Helsinki. Professor Lorenzo Runeberg will be participating and has been invited to join the advisory research group on plastic paper. He is the first forester to receive recognition as an expert in the field of synthetic paper.

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#### Personnel changes

Markku Aho joined the department as a researcher in May. At present, he is collecting data at the Ministry of Labour on the amounts of roundwood bought and delivered in each labour district in Finland. This is for a statistical publication dealing with the removal and flow of commercial roundwood by district in 1970, edited by Esko Pälä, of the Ministry of Labour, and Matti Palo.

Ilpo Tikkanen, who is studying national economics of forestry, rejoined the department in May. He is writing his laudatur work on the promotion of private forestry among farmers and non-farmers as part of Aarne Reunala's project on structural change in forest ownership.

Leif Niemi began working in the department at the beginning of August to assist with calculations for the project on the standard of living of forest workers. He is a student of forestry, studying forest mensuration, and has an interest in student politics.

Asko Niemi, also a forestry student, is again working for the department. He is assisting Veli-Pekka Järveläinen in his project on the silvicultural behaviour of forest owners, and works in an office on the university side at Metsätalo.

Anja Vehviläinen worked in the department during the summer as assistant to her brother Hannu. Her place was taken at the end of August by Seija Malinen, who is continuing to work in the department after the expiry of her original six-month period as Brita Sjöstrand's replacement.

Kari Keipi left the department and joined the army at 6 p.m. on 15th June to do his military service, and was immediately taken to Jyväskylä. He is now at the officers' training school in Hamina. His position in the department has been taken over by Jan Heino (who has already done his military service).

Pentti Kuokkanen departed at the end of July to join Enso-Gutzeit Oy at Imatra, where he is working on forestry systems.

Erkki Berg is back in the department as "vahtimestari" after Riitta Kemikari left earlier in the summer.

Seppo Mattila, Antti Peltonen and Mikko Tervo also left the department during the summer.

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### Personal information

(Supplement to Folia Forestalia, 87)

Aho, Markku Tapano

b. 17.4.1946

Family: 1970 m. Pirkko Marjatta Sydänmaa

Degree: MH 1971.

Positions held:

1971 f. Forest Research Institute. Researcher.

Present academic studies: MMK in forest-products marketing.

Languages: Finnish, Swedish, English, German.

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### International visits

A visit was made to the department on 22nd June by Robert J. Dewer, of the International Bank for Reconstruction and Development, and Anthony Grayson, of the British Forestry Commission. Their visit to Finland was connected with Finland's application to the World Bank for funds to finance the Finnish Forest Investment Plan MERA III.

On 14th June, the department was visited by José Alvarado Cordobes and Antonio Villarroya Aldea, respectively general manager and technical manager of Cuberg S.A. particle-board mill at Cuenca in Spain. They also visited a particle-board mill at Lohja and a factory manufacturing prefabricated houses at Riihimäki.

Dr. Wolf Reichhelm, from the World Forestry Institute of the Federal Research Institute for Forestry and World Economy in Hamburg, paid a visit to the department on August 5th. He was interested in obtaining information about operational research, marketing studies and computer science.

A discussion on the impact of environmental legislation and restrictions on logging and the lumber industry in eastern Oregon, U.S.A., took place in the department on 9th August, when Into M. Liimatta, a Finnish emigrant who now works for Edward Hines Lumber Co. in Chicago, was here. His visit was combined with a holiday and a visit to Sateko, a Helsinki firm making machines for the lumber industry.

On 23rd August, V. Grenaa Kristensen, of the Royal Veterinary and Agricultural High School in Denmark, paid a visit to the department while in Finland on a study tour.

Dr. Matti Palo spent a week in Sweden beginning on 4th June participating in a forest-industries excursion entitled "We believe in wood". Professor Runeberg did not attend; he believes in "wood combined with plastics".

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### Family news

David Cope is becoming more and more integrated into Finnish life. Congratulations on his engagement to Marja Immonen!

Congratulations also to Sampsa Sivonen, whose wife gave birth to a son on 7th August.

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### Summer news

Esko Salo successfully defended his doctor's thesis against Professors Lauri Heikinheimo and Hannu Väliaho on 4th August. Professor Päiviö Riihinen kept the sides apart.

This year's departmental annual report took the form of an account of research plans for the period 1970-76, and was published during the summer. Thanks are due to Raili Ivanoff and Maija-Liisa Soveri for their work in preparing the report respectively before and after Christmas.

Another "publication" this summer was the department's own headed writing paper. This was designed by Maija-Liisa Soveri and Marja Harmanen.

On 4th June, Professor Osara invited the whole department to visit him and his family at Osara farm. In return for an excellent spread prepared by his wife, a guided tour round the estate and a sauna, we found ourselves with tools in hand planting pine seedlings.

Matti Palo attended the International Conference on the Future of the Environment at Jyväskylä from 28th June to 2nd July, and was particularly inspired by the possibilities of recycling used paper.

"Man and his environment" was the theme of a seminar held at Viittakivi for two weeks at the beginning of August, which was attended by David Cope.

Buddhi Jha attended a forestry course at Toivala near Kuopio for two weeks at the beginning of July.

Buddhi later went with Aarne Reunala for a week in July to photograph forest workers in Middle Finland for the project on the standard of living of forest workers.

Professor Lorenzo Runeberg joined the forest regeneration study group which travelled around eastern Finland for a week beginning on 23rd August. They experienced the true hospitality of Savo, being offered Kalakukko to eat at almost every place they visited.

Professor Runeberg and Matti Palo were off again on 31st August and 1st September. This time it was a trip organized by the Forest Technology Department to the Kouvola area. It has become an annual tradition for one department to invite the institute's professors and research specialists on a trip to show various aspects of its research.

Meanwhile, Professor Heikinheimo was in Lapland for three days from 29th August, where he provided information on the economics of forestry in that area for the forestry students' field excursion.

Back in the department, the general level of gaiety rose when Brita Sjöstrand returned after her five month's stay in England. She brought back with her a passion for Cadbury's dairy milk chocolate.

A new streamlined Terho Huttunen reappeared on crutches at the beginning of September after his enforced absence during the summer with a fractured leg. He used the opportunity of being in hospital and convalescing to lose more than 18 kilograms in weight.

News that Rory Harrington successfully completed his Master of Forestry Science at Yale in U.S.A. was brought when his wife visited the department on a visit to Finland this summer.

Michael Jones will be working for himself for four months beginning in September. He has been awarded a scholarship from the Finnish Ministry of Education to enable him to write a book on land uplift as a theme in the historical geography of Finland.

The department's secretarial and calculating staff went truly international this summer. Aune Kankkunen and Anna-Leena Simula went to England, Kaija Westin to Spain, Helena Päivinen visited both Spain and Marocco, Marja Harmanen experienced the delights of Norwegian scenery, and Maija Kuusijärvi ventured as far as the U.S.A.