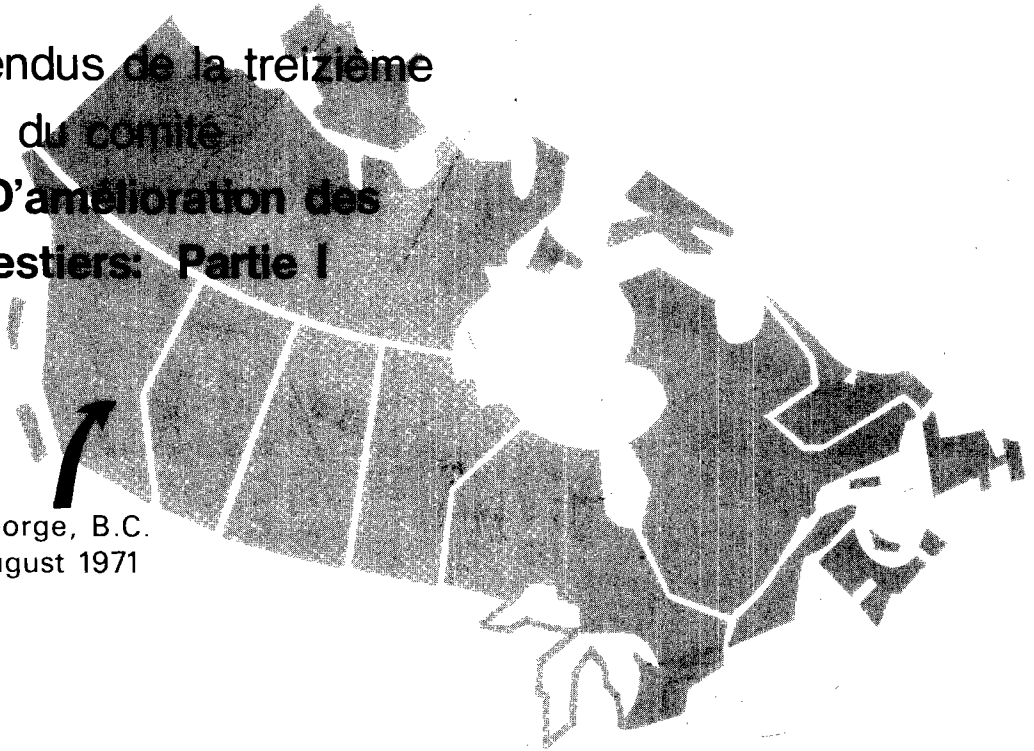


Proceedings of the thirteenth  
meeting of the committee on  
**Forest Tree Breeding**  
in Canada: Part I

Comptes rendus de la treizième  
conférence du comité  
**Canadien D'amélioration des**  
**Arbres Forestiers: Partie I**



Prince George, B.C.  
24-27 August 1971



PROCEEDINGS OF THE THIRTEENTH MEETING OF  
THE COMMITTEE ON FOREST TREE BREEDING  
IN CANADA

With the compliments of the Committee.

Please file permanently in your institution library.

Enquiries may be addressed to the authors or to  
Mr. K. Illingworth, Executive Secretary, C.F.T.B.C., Research  
Division, British Columbia Forest Service, Victoria, B.C.,  
Canada.

The Fourteenth Meeting of the Committee will be held at  
Fredericton, New Brunswick in August 1973. Canadian and  
foreign visitors will be welcome. Detailed information will  
be distributed early in 1972 to all members and to others  
upon request.

If your name, title or address is incorrect or incomplete,  
please complete and return this correction slip.

---

TO: Mr. K. Illingworth, Executive Secretary, Committee on  
Forest Tree Breeding in Canada, British Columbia Forest  
Service, Victoria, B.C., Canada.

NAME: Prof.  
Dr. Mrs.  
Mr. Miss ..... Title .....

INSTITUTION: .....

ADDRESS: .....

Please correct my name and address as above.

Signed .....

PROCEEDINGS OF THE THIRTEENTH MEETING OF THE COMMITTEE  
ON FOREST TREE BREEDING IN CANADA: PART I

COMPTES RENDUS DE LA TREIZE CONFÉRENCE DU COMITÉ  
CANADIEN D'AMÉLIORATION DES ARBRES FORESTIERS: PARTIE I

Minutes and Members' Reports

Colloque sur la Conservation des Ressources  
Forestières, Facteurs d'hérédité

Editors: D.P. Fowler and C.W. Yeatman

- Part 1, Minutes and Members' Reports received. Distribution restricted to Committee members only.
- Part 2, Symposium, Conservation of Forest Gene Resources, received wider distribution to persons and organizations actively engaged or interested in forest genetics and tree improvement.
- Partie 1, Procès-verbaux et Rapports de membres. Distribution exclusivement limitée aux membres du Comité.
- Partie 2, Colloque sur la Conservation des ressources forestières, facteurs d'hérédité. Plus ample distribution aux personnes et organisations activement engagées ou intéressées dans la génétique forestière et l'amélioration des arbres.

Produced by the Canadian Forestry Service  
Department of the Environment for the  
Committee on Forest Tree Breeding in Canada  
Ottawa 1971

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LIST OF ACTIVE MEMBERS ON THE COMMITTEE ON  
FOREST TREE BREEDING IN CANADA, APRIL 1972

|                    |   |
|--------------------|---|
| Mr. F.A. Armitage  | Canadian Forestry Service<br>Pacific Forest Research Centre<br>506 West Burnside Road<br>Victoria, B.C.                     |
| Dr. M.G. Boyer     | York University<br>Department of Biology<br>4700 Keele St.<br>Downsview 463, Ont.   |
| Dr. A. Carlisle    | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.  |
| Dr. L.P. Chiasson  | St. Francis Xavier University<br>Antigonish, N.S.   |
| Mr. A. Corriveau   | Le Service Canadien des Forêts<br>Centre de Recherche Forestière des Laurentides<br>C.P. 3800<br>Québec 10, Qué.            |
| Dr. W.H. Cram      | Department of Regional Economic Expansion<br>Prairie Farm Rehabilitation Administration<br>Tree Nursery, Indian Head, Sask. |
| Mr. B.W. Dance     | Ontario Ministry of Natural Resources<br>Research Branch<br>Maple, Ont.   |
| Dr. A. D'Aoust     | Le Service Canadien des Forêts<br>Centre de Recherche Forestière des Laurentides<br>C.P. 3800<br>Québec 10, Qué.            |
| Dr. Yves Desmarais | Jardin Botanique de Montréal<br>4101 est, rue Sherbrooke<br>Montréal, Qué.  |
| Dr. D.J. Durzan    | Canadian Forestry Service<br>Forest Ecology Institute<br>Montreal Road,<br>Ottawa, Ont.                                     |
| Mr. W.G. Dyer      | Ontario Ministry of Natural Resources<br>Resource Products Division<br>Parliament Buildings<br>Toronto, Ont.                |
| Dr. M.H. El-Lakany | University of British Columbia<br>Faculty of Forestry<br>Vancouver 8, B.C.  |



|                      |  |
|----------------------|--|
| Mr. K.C. Eng         | Ontario Ministry of Natural Resources<br>Tree Seed Plant<br>Angus, Ont.  |
| Mr. E.R. Falkenhagen | University of British Columbia<br>Faculty of Forestry<br>Vancouver 8, B.C.                                       |
| Dr. J.L. Farrar      | University of Toronto<br>Faculty of Forestry<br>Toronto 5, Ont.  |
| Dr. D.P. Fowler      | Canadian Forestry Service<br>Maritimes Forest Research Centre<br>P.O. Box 4000<br>Fredericton, N.B.              |
| Dr. D.A. Fraser      | Sir George Williams University<br>Department of Geography<br>1435 Drummond St.<br>Montréal 107, Qué.             |
| Dr. R. Girouard      | Le Service Canadien des Forêts<br>Centre de Recherche Forestière des Laurentides<br>C.P. 3800<br>Québec 10, Qué. |
| Dr. A.G. Gordon      | Ministry of Natural Resources<br>Research Branch<br>P.O. Box 490<br>Sault Ste. Marie, Ont.                       |
| Dr. J.W. Green       | Laurentian University<br>Department of Biology<br>Sudbury, Ont.  |
| Mr. M.C. Heaman      | British Columbia Forest Service<br>Research Division<br>Victoria, B.C.   |
| Mr. M.J. Holst       | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                             |
| Dr. M. Hubbes        | Le Service Canadien des Forêts<br>Centre de Recherche Forestière des Laurentides<br>C.P. 3800<br>Québec 10, Qué. |
| Mr. K. Illingworth   | British Columbia Forest Service<br>Research Division<br>Victoria, B.C.   |
| Mr. I. Karlsson      | British Columbia Forest Service<br>Prince George<br>B.C.   |

|                       |   |
|-----------------------|---|
| Dr. M.A.K. Khalil     | Canadian Forestry Service<br>Newfoundland Forest Research Centre<br>P.O. Box 5430<br>St. John's, Nfld.                        |
| Mr. G.K. Kiss         | British Columbia Forest Service<br>Research Division<br>Prince George, B.C.   |
| Dr. J.I. Klein        | Canadian Forestry Service<br>Northern Forest Research Centre<br>5320-122 St.<br>Edmonton, Alta.                               |
| Dr. J.L. Ladell       | Ontario Research Foundation<br>Sheridan Park<br>Ont.  |
| Mr. M. Lalor          | Alberta Department of Lands and Forests<br>Alberta Forest Service<br>Edmonton, Alta.  |
| Mr. Y. Lamontagne     | Ministère des Terres et Forêts du Québec<br>C.P. 80<br>Berthierville, Qué.  |
| Mr. C.H. Lane         | Ontario Ministry of Natural Resources<br>Timber Management Branch<br>Parliament Bldgs.<br>Toronto, Ont.                       |
| Mr. H.C. Larsson      | Ontario Ministry of Natural Resources<br>Research Branch<br>Maple, Ont.   |
| Mr. C.H. Lindquist    | Department of Regional Economic Expansion<br>Prairie Farm Rehabilitation Administration<br>Tree Nursery<br>Indian Head, Sask. |
| Mr. K.T. Logan        | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.  |
| Mr. H.G. MacGillivray | Canadian Forestry Service<br>Maritimes Forest Research Centre<br>P.O. Box 4000<br>Fredericton, N.B.                           |
| Mr. M. Meagher        | University of British Columbia<br>Faculty of Forestry<br>Vancouver 8, B.C.  |
| Mr. S.A.M. Manley     | Canadian Forestry Service<br>Maritimes Forest Research Centre<br>P.O. Box 4000<br>Fredericton, N.B.                           |

|                      |  |
|----------------------|--|
| Mr. J.A. McPherson   | Kimberly-Clark Pulp and Paper Co. Ltd.<br>Longlac, Ont.  |
| Dr. E.K. Morgenstern | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                             |
| Dr. D.B. Mullick     | University of British Columbia<br>Faculty of Forestry<br>Vancouver 8, B.C.                                       |
| Dr. A.L. Orr-Ewing   | British Columbia Forest Service<br>Research Division<br>Victoria, B.C.   |
| Dr. Louis Parrot     | Universite Laval<br>Faculté de Foresterie et de Géodésie<br>Québec, Qué.   |
| Mr. R.F. Piesch      | Canadian Forestry Service<br>Pacific Forest Research Centre<br>506 West Burnside Road<br>Victoria, B.C.          |
| Dr. D.F.W. Pollard   | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                             |
| Mr. G.R. Powell      | University of New Brunswick<br>Department of Forestry<br>Fredericton, N.B.                                       |
| Miss R.M. Rauter     | Ontario Ministry of Natural Resources<br>Research Branch<br>Maple, Ont.  |
| Dr. L. Roche         | Le Service Canadien des Forêts<br>Centre de Recherche Forestière des Laurentides<br>C.P. 3800<br>Québec 10, Qué. |
| Dr. K.J. Roller      | Canadian Forestry Service<br>Maritimes Forest Research Centre<br>P.O. Box 4000<br>Fredericton, N.B.              |
| Mr. J.B. Santon      | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                             |
| Mr. R.L. Schmidt     | British Columbia Forest Service<br>Research Division<br>Victoria, B.C.   |
| Mr. D.A. Skeates     | Ontario Ministry of Natural Resources<br>Research Branch<br>Maple, Ont.  |

|                   |   |
|-------------------|---|
| Dr. C.R. Sullivan | Canadian Forestry Service<br>Great Lakes Forest Research Centre<br>P.O. Box 490<br>Sault Ste. Marie, Ont.     |
| Dr. O. Sziklai    | University of British Columbia<br>Faculty of Forestry<br>Vancouver 8, B.C.                                    |
| Dr. A.H. Teich    | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                          |
| Dr. G. Vallée     | Le Service de la Recherche<br>Ministère des Terres et Forêts du Québec<br>875 rue St-Amable<br>Québec 4, Qué. |
| Mr. B.S.P. Wang   | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                          |
| Dr. C.W. Yeatman  | Canadian Forestry Service<br>Petawawa Forest Experiment Station<br>Chalk River, Ont.                          |
| Dr. L. Zufa       | Ontario Ministry of Natural Resources<br>Research Branch<br>Maple, Ont.                                       |

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## A. ATTENDANCE

|                  |  |
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| A.H. Bamford     | B.C. Forest Service                    |
| A. Carlisle      | Canadian Forestry Service              |
| W.G. Dyer        | Ontario Dept. Lands and Forests        |
| E.R. Falkenhagen | U.B.C. Faculty of Forestry             |
| D.P. Fowler      | Canadian Forestry Service              |
| J.W. Green       | Laurentian University                  |
| P.G. Haddock     | U.B.C. Faculty of Forestry             |
| C. Heaman        | B.C. Forest Service                    |
| K. Illingworth   | B.C. Forest Service                    |
| I. Karlsson      | B.C. Forest Service                    |
| G. Kiss          | B.C. Forest Service                    |
| J.I. Klein       | Canadian Forestry Service              |
| M.K. Lalor       | Alberta Forest Service                 |
| Y. Lamontagne    | Quebec Dept. Lands and Forests         |
| H.C. Larsson     | Ontario Dept. Lands and Forests        |
| G. Lemieux       | Laval University                       |
| J.S. Maini       | Canadian Forestry Service              |
| W.L. McMillan    | Rayonier of Canada                     |
| D.G. McRea       | U.B.C. Faculty of Law                  |
| H. Nienstaedt    | Institute of Forest Genetics           |
| A.L. Orr-Ewing   | B.C. Forest Service                    |
| E. Peterson      | U.B.C. Faculty of Law                  |
| R. Piesch        | Canadian Forestry Service              |
| R.M. Rauter      | Ontario Dept. Lands and Forests        |
| L. Roche         | Canadian Forestry Service              |
| R.L. Schmidt     | B.C. Forest Service                    |
| R.H. Spilsbury   | B.C. Forest Service                    |
| H.S.D. Swan      | Pulp and Paper Research Institute      |
| O. Sziklai       | U.B.C. Faculty of Forestry             |
| B.C. Wilson      | Washington, Dept. of Natural Resources |
| C.W. Yeatman     | Canadian Forestry Service              |
| B. Zobel         | North Carolina State University        |

## B. WELCOME

The meeting was opened at 9:00 am 24 August, by the vice-chairman, Mr. G. Kiss. Mr. B. Young, District Forester, Prince George, then introduced the Honourable Ray Williston, Minister of Lands, Forests and Water Resources, B.C., who gave the opening address of the symposium.

### 2:1 Address by the Honourable Ray Williston

"It gives me great pleasure to welcome you, the members of the Committee of Forest Tree Breeding in Canada, to the City of Prince George which we modestly refer to as the "White Spruce Capital of the World." It is an appropriate place for your annual meeting because Prince George is the centre of a large, integrated forest industry operating within this province's policy of sustained-yield management.

Of particular interest to you in this area will be the British Columbia Forest Service's Red Rock Nursery and Research Centre which you will be visiting on Thursday. Red Rock, which serves this area, has 130 acres in nursery beds and a potential annual production of 15 million seedlings.

We are very serious about our tree-breeding program and at this time, with eight Forest Services nurseries in the province responsible for providing the seedlings for British Columbia's entire artificial reforestation program, we are paying special attention to the question of tree-breeding.

Red Rock, for example, has sections devoted to lodgepole pine and spruce tree improvement; and at Cowichan Lake Experimental Station on Vancouver Island the Forest Service is concentrating on improvement of the coastal Douglas-fir.

Although our reforestation program is not necessarily allied with your work, I nevertheless would like to outline briefly some of the expectations we have of our forest nursery program.

As I already have said, the Forest Service has eight nurseries in operation and is supplying all seedlings for our reforestation needs. Our present objective is to have an annual production of 75 million seedlings by 1975 through these present nurseries. However, this probably will not be the ultimate figure as, even with their present total area, the nurseries have a potential production of up to 130 million seedlings a year.

However, we are not restricting ourselves to meeting our requirements with the present nursery and experimental station acreage. For example, just last May the government passed an Order-in-Council incorporating the reforestation nursery and seed orchard at Red Rock into a reserve to be known as Red Rock Forest.

The total of the reserve is over 5 1/2 thousand acres. The nursery, as I have said, is 130 acres and the balance of the area is being developed for seed orchards and clone banks. The clone banks will contain seedlings and grafted stock from plus trees selected from throughout the Interior of British Columbia, as well as exotic selections obtained from tree breeders in other parts of the world. Similar forest reserves have been made in connection with other nurseries in the province.

The need for constant development of our reforestation and research programs can readily be recognized in the reading of F.A.O. economic studies which show the world demand for wood products is compounding at an annual rate of about 5 per cent. This means that demand will have quadrupled by the year 2000.

Where will this wood come from?

In British Columbia's case our production between 1949 and 1969 increased from an initial rate of 4 per cent to 6 1/2 per cent by 1969. And we now are increasing our cuts through imposition of a close utilization policy which, in the not too distant future, should increase our present annual cut of 1.8 billion cubic feet to the 3.4 billion cubic feet estimated as our annual allowable cut at close utilization.

Further increases above the 3.4 billion cubic feet figure must come from intensified management, thinning, fertilization and so on. Not the least important activity will be tree-breeding.

This then is the challenge.

We are going to have to rely on research to determine the best thinning prescriptions to maximize yield and to determine the best fertilizer treatments to use. We are going to have to plant the most productive species for each site and we are going to have to control losses from insects and disease by scientific management.

You tree-breeders must tell us what selections, races or strains to use in seed orchards for the production of genetically improved seed. You must tell us quickly for the need is urgent. We must have this seed at the earliest possible time.

I understand the theme of your meeting this year is the conservation of the gene resource. I am not a geneticist but I can fully appreciate that the gene is the unit that controls the development of the characteristics of the individual. As our mature forests are cut we lose some of this gene resource and we therefore must be careful to preserve some of these forests to retain a reservoir of useful genes for future tree-breeding.

I am optimistic that British Columbia's Ecological Reserve Act, passed at this year's legislative session, will prove to be a useful means of preserving gene resources of those tree species indigenous to the reserves. Obviously these reserves will have other values in scientific research on ecosystems which also will be useful to the tree-breeders.



Through this Act, areas established as ecological reserves are withdrawn from any further disposition that might otherwise be granted under any other Act.

Twenty-five reserves already have been established by Order-in-Council and studies are being continued to discover additional areas to serve as examples of the range of natural ecosystems characterizing the province.

The Ecological Reserve Committee, which is comprised of scientific representatives from our universities, our provincial resource departments and other interested groups, has indicated that it will probably require several more years to complete the program of field work at which time it is anticipated over 100 ecological reserves will have been created.

Now, as I know you have a busy schedule ahead of you, I want to wish you well in your deliberations. I trust that your discussion will be profitable and that you will enjoy your visit to our Central Interior."

#### C. SYMPOSIUM ON CONSERVATION OF FOREST GENE RESOURCES

Following Mr. Williston's address, the symposium, under the chairmanship of D.P. Fowler was opened. The following papers were presented:

- T. Rajhathy (read by L. Roche) Conservation of plant gene resources.
- B. Zobel. Tree breeding programs and the conservation of forest gene resources.
- C.W. Yeatman. Gene pool conservation in relation to forestry practice.
- B.S.P. Wang (read by C.W. Yeatman) The role of seed storage in gene conservation.
- G. Lemieux. Conservation of forest gene resources within the IBP-CT framework.
- C.F. Weetman (read by S. Swan) The Canadian Institute of Forestry proposals for a national system of natural forested areas.
- J.S. Maini. The conservation of forest gene resources in Canada: an ecological perspective.
- R.T. Franson, D.G. McCrea and E.B. Peterson. Legal and regulatory aspects of gene pool maintenance in ecological reserves.

In addition the following paper was accepted for publication in the symposium proceedings: M. Hagman. The Finnish Standard Stands for forestry research.

These papers constitute Part 2 of the Proceedings of the Thirteenth Meeting of the Committee.

#### D. FIELD TRIPS

Two field trips were arranged by personnel of the British Columbia Forest Service, one to Aleza Lake (26 August) and the other (27 August) to the Red Rock Nursery. A number of white spruce-lodgepole pine site types were visited at Aleza Lake. Data pertaining to these types was given by W. Arlidge and G. Kiss. Zones of introgressive hybridization between white and Engelmann spruces were also observed. The British Columbia Forest Service's Red Rock Nursery and Research Centre has 130 acres in nursery beds, and a potential annual production of 15 million seedlings. The nursery is highly mechanized, and the principles of forest genetics and tree improvement guide all aspects of seed harvesting, processing, and seedling production.

#### E. BUSINESS MEETING

The business meeting was held on the afternoon of 25 August.

##### 144. Minutes of the Last Meeting

With permission of the mover and seconder, the motion by L. Roche seconded by D.P. Fowler (page 12 of the minutes) was corrected to read:

Motion: Moved by L. Roche, seconded by D.P. Fowler that the report "Forest genetics and tree improvement research in Canada: A critique" be accepted by the committee for discussion and study by the members.

Motion: Moved by O. Sziklai, seconded by J. Klein, that the minutes be accepted as corrected. Carried.

##### 145. Membership

###### a) Honorary Member

Attention of the committee was drawn to the recent retirement of A.J. Carmichael. Mr. Carmichael was, for many years, an active member of the Committee and contributed to the tree improvement program of the Ontario Department of Lands and Forests.

Motion: Moved by A.L. Orr-Ewing, seconded by W. Dyer that Mr. Carmichael be made an honorary member of the Committee. The chairman was instructed to write to Mr. Carmichael and inform him of this change.

b) New Members, Changes in Status, Resignations

The following new members were duly elected:

Active:

Dr. M.H. El-Lakany, University of British Columbia.  
Dr. J.W. Green, Laurentian University.  
Mr. I. Karlsson, British Columbia Forest Service.  
Dr. M.A.K. Khalil, (formerly corresponding) Canadian Forestry Service.  
Mr. M. Lalor, (replaces Kennedy) Alberta Forest Service.  
Mr. Y. Lamontagne, Quebec Dept. Lands and Forests.  
Mr. C.H. Lane, (formerly corresponding) Ontario Dept. Lands and Forests.  
Mr. M. Meagher, University of British Columbia.  
Dr. B. Mullick, University of British Columbia.  
Mr. D.A. Skeats, (formerly corresponding) Ontario Dept. Lands and Forests.  
Mr. E.R. Falkenhagen, (reinstated) University of British Columbia.

Corresponding:

Mr. A.H. Bamford, British Columbia Forest Service.  
Mr. D. Burton, Ontario Dept. Lands and Forests.  
Mr. R. Grinnell, Ontario Dept. Lands and Forests.  
Dr. P.G. Haddock, University of British Columbia.  
Mr. W.L. McMillan, Rayonier of Canada.

Sponsoring:

Mr. A.J. Herridge, (replaces Dixon) Ontario Dept. Lands and Forests.

Resignations:

Mr. R.M. Dixon, (replaced by Herridge) Ontario Dept. Lands and Forests.  
Mr. L.L. Kennedy, (replaced by Lalor) Alberta Forest Service.  
Mr. J. Nicholson, (replaced by Khalil) Canadian Forestry Service.  
Mr. W.A. Reeks, Canadian Forestry Service.

146. Tabulation of Selected Phenotypes of Forest Trees

Mr. C. Larsson brought the following letter to the attention of the Committee:

"The Northeast Forest Tree Improvement Conference is in the process of compiling a tabulation of selected phenotypes of forest trees. This will include selections made on private, State, Provincial, and Federal land in northeastern United States and eastern Canada.

If you are willing to cooperate in this program would you please tell us the number of trees you have selected by species and state or province. The NEFTIC will make this tabulation available to other cooperators, but will not assume responsibility for collection of plant materials or obtaining permission to do so. It is

the cooperator's responsibility to contact the owner for requests for cuttings or seed or for permission to make such collection.

We would like this information as soon as convenient so that we can have it compiled before the next NEFTIC meeting."

It was decided that Mr. Larsson would contact committee members and solicit the necessary information on an individual basis.

#### 147. Report on the Committee on Forest Tree Breeding in Canada

This report was submitted by the sub-committee appointed at the Business Meeting of the CFTB in Canada at Quebec City, 1970. It was prepared by Dr. A. Carlisle (chairman), Dr. H.S.D. Swan and Mr. L.L. Kennedy.

The report considered that the history, terms of reference, structure, and activities of the Committee and presented 25 proposals for consideration. Each proposal was presented and discussed and the Committee was asked to accept in principal, reject, or modify each proposal.

The following is a resume of the action taken on these proposals:

##### Proposal 1

It is proposed that these terms of reference be rewritten explicitly to include:

a) Promotion of liaison between geneticists, tree breeders and others concerned with tree improvement in Canada. Approved.

b) Promotion of liaison among these scientists and those people concerned with the collection and production of seed, establishment of trees by planting and sowing, the management of plantations; and the processing of wood for pulp and lumber. Approved.

c) Invite the views of managers, practising foresters and representatives of the forest industries to participate actively in problem analysis and priority designation in the field of tree improvement on both a National and Regional basis. Modified and Approved.

d) Collection and distribution of basic information for geneticists and breeders on the current planting and sowing policies, plantation production, seed production, and costs of operations, to provide a basis for planning a tree improvement policy closely tied to National and Regional needs and priorities. Rejected.

e) Participation of members in setting up and contributing to a tree genetics and tree breeding information bank for use by all interested parties in Canada. Rejected.

(It is recorded that Mr. R.H. Spilsbury objected to Proposal 1. He suggested the terms of reference should be: The primary purpose of the CFTBC is to foster discussion on scientific and technical matters, and to review programs for the benefit of the active members.)

Proposal 2

It is proposed that the title of the Committee is left as it is unless major changes in the structure of the body make the title no longer applicable. Rejected.

Changed to:

It is proposed that a more suitable title for the Committee be found.

Proposal 3

The Chairmen are elected biennially, and it is proposed that this should remain unchanged. Accepted.

Proposal 4

It is proposed that the Executive Secretary should be elected every two years as at present. An editor is to be appointed biennially by the executive. Modified and Accepted.

Proposal 5

It is proposed that no change is made in the membership classification, unless there is a major change in the Committee's structure. Accepted.

Proposal 6

It is proposed that a sub-committee be set up to define and propose rules of order in keeping with Parliamentary usage. These rules should be kept to a minimum but be sufficient to safeguard the Committee from abuses arising from misrepresentation at business meetings. Accepted.

Proposal 7

It is proposed that the business meeting should be held on the first morning of any Committee session or meeting; all classes of members should retain voting rights; and all members participating in a meeting or session of the Committee should attend the business meeting. Accepted.

Proposal 8

It is proposed that provisions should be made for voting by proxy on constitutional or policy issues. Modified and Accepted.

Proposal 9

It is proposed that the Committee should initially consider holding its meetings (when geographically possible) in conjunction with those of the CIF as a precursor to the establishment of closer, more formal affiliations with the CIF or any other body the members propose and accept. Accepted.

Proposal 10

It is proposed that for the time being the Committee retains its present status, but considers long term advantages of becoming an independent Society. Accepted.