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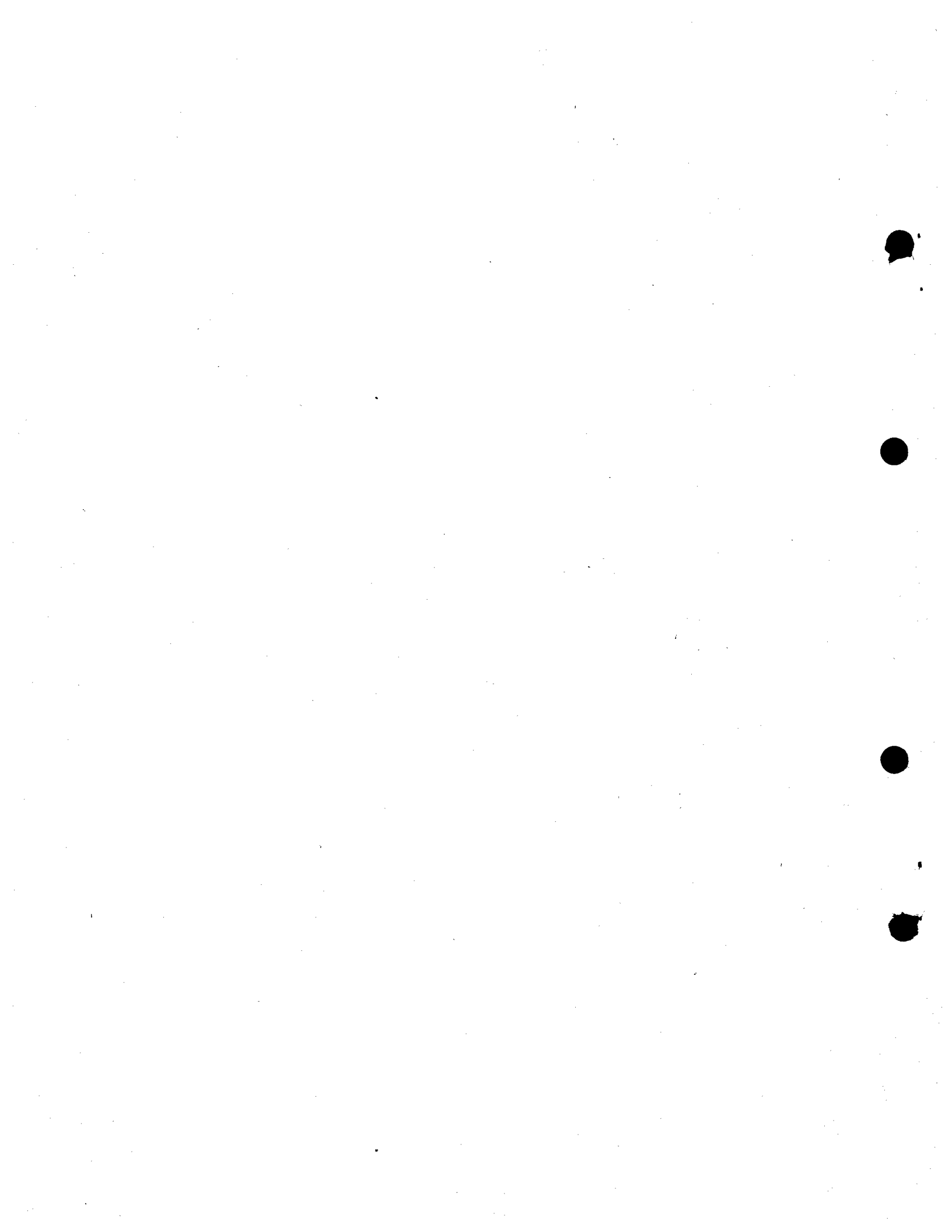
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NATIONAL RESEARCH COUNCIL OF CANADA

PROCEEDINGS  
OF THE  
SEVENTEENTH MEETING  
OF THE  
SUBCOMMITTEE ON FOREST TREE BREEDING  
OF THE  
ASSOCIATE COMMITTEE ON FORESTRY

OTTAWA

28 JUNE. 1946



NATIONAL RESEARCH COUNCIL  
PROCEEDINGS OF THE SEVENTEENTH MEETING OF THE  
SUBCOMMITTEE ON FOREST TREE BREEDING  
ASSOCIATE COMMITTEE ON FORESTRY

Held at the Montreal Road Annex of the National  
Research Council, 28 June, 1946.

Members present:

Mr. D. A. Macdonald (Chairman)  
Dr. N. H. Grace  
Dr. C. C. Heimburger  
Mr. W. M. Robertson  
Dr. C. G. Riley  
Dr. H. A. Senn  
Dr. L. P. V. Johnson (Joint-secretary)  
Mr. J. L. Farrar (Joint-secretary)

Visitors present:

Dr. P. R. Gorham (National Research Council)  
Mr. G. A. Young (National Research Council)

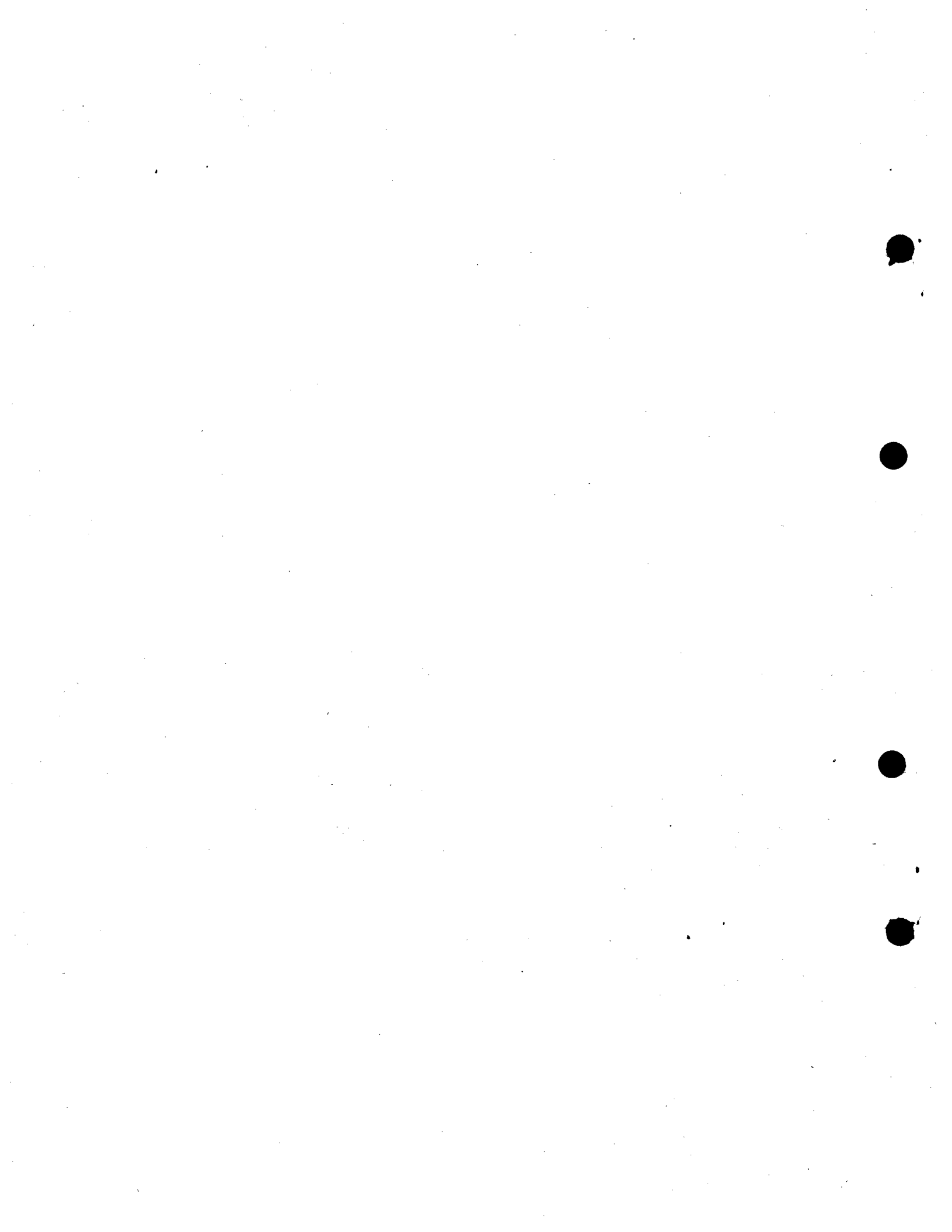
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175. The Minutes of the Sixteenth Meeting were approved.

176. DISEASE GARDEN AT CONNAUGHT RANGES

Dr. Johnson presented a verbal report on the new Disease Garden at Connaught Ranges (Minute 167). The Committee inspected the area and selected 8 to 10 acres. However, there is not much adjacent land suitable for future expansion due to low fertility. The Resident Engineer of the Ranges and Mr. Muir of the Division of Animal Husbandry were consulted and both indicated that they had no objections to the Disease Garden. Then the Department of National Defence was approached and they officially authorized the Garden.

Approximately one acre has been cultivated by the Department of Agriculture in preparation for planting out white pine from the disease garden at the National Research Annex and Ribes from the same source and also from the Petawawa Forest Experiment Station.



Dr. Heimbürger stated that the Ribes could be transplanted in August but that the pine, being more valuable, should be transplanted in early spring.

#### 177. NEW RESPONSIBILITIES

Dr. Johnson raised the point as to who would take over the responsibilities of Dr. Heimbürger and himself as both men were leaving their present positions. He suggested that Dr. Riley take over the care of the Disease Garden and nurseries since he was in the Department of Agriculture which had control of land and labour. Dr. Riley disagreed saying that his interest was only in pathological aspects. Mr. Macdonald concurred with Dr. Riley and stated that the Dominion Forest Service should assume responsibility for such work. It was agreed however that Dr. Riley should be consulted in connection with the layout of the Disease Garden.

#### 178. SITUATION AT PETAWAWA

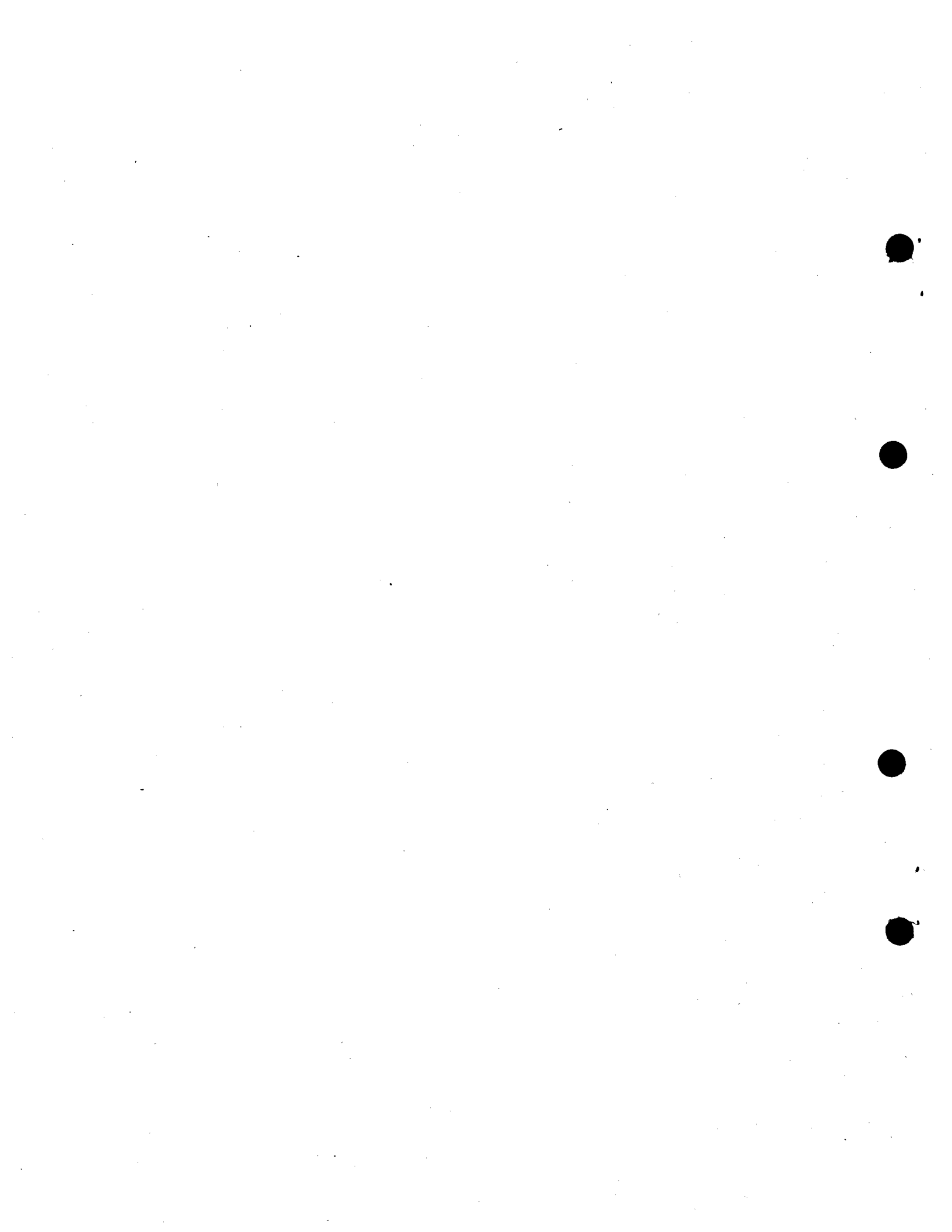
Dr. Heimbürger reported briefly on the status of the work at the Petawawa Forest Experiment Station. (See also Appendix B of Proceedings of Sixteenth Meeting.) Most of the larch should be sent to Western Canada where it may prove useful. Poplars also should be distributed to whoever might use them. He mentioned the strain tests of Norway spruce and Scotch pine under way at the Station and stressed their value if looked after. All test plantations at the Station should be mapped. Mr. Macdonald stated that Mr. Farrar would be available to spend a limited amount of time on this work while he was at Petawawa.

#### 179. REPORTS BY DR. JOHNSON

Dr. Johnson stated that he was preparing five reports which (along with previous reports) would cover his findings in the work on Forest Genetics. It is likely that some of these reports will be published, and in any case they will be available to committee members.

#### 180. FUTURE OF NURSERIES ETC. AT THE ANNEX

The most important matter up for consideration was the future of the arboreta, nurseries, and disease gardens at the Montreal Road Annex of the National Research Council. It was for this reason that the meeting was held at the Annex. Dr. Johnson gave his recommendations. It is quite possible that all sites will be taken over for buildings at very short notice.



Dr. Grace, Dr. Gorham, and Mr. Young will look after the interests of the National Research Council, and they should be consulted by persons wishing to make use of any materials there. The most valuable materials are the strains of white pine which seem to be resistant to the white pine blister rust. Arrangements have been made to remove these to the new Disease Garden at Connaught Ranges. Mr. Farrar hopes to collect cuttings from the more promising strains for propagation at Petawawa. It is possible that some of the other plants could be transferred to the new Forest Nursery of the Ontario Department of Lands and Forests at Kemptville, Ontario. However, most of the plants will have to be left in place and the risk taken of their destruction. As they grow they will have to be thinned, favouring the choicest specimens. Dr. Gorham will see that this is done. Dr. Grace stated that particular attention should be paid to those individuals treated with colchicine.

#### 181. PATHOLOGY AND STUDENT HELP

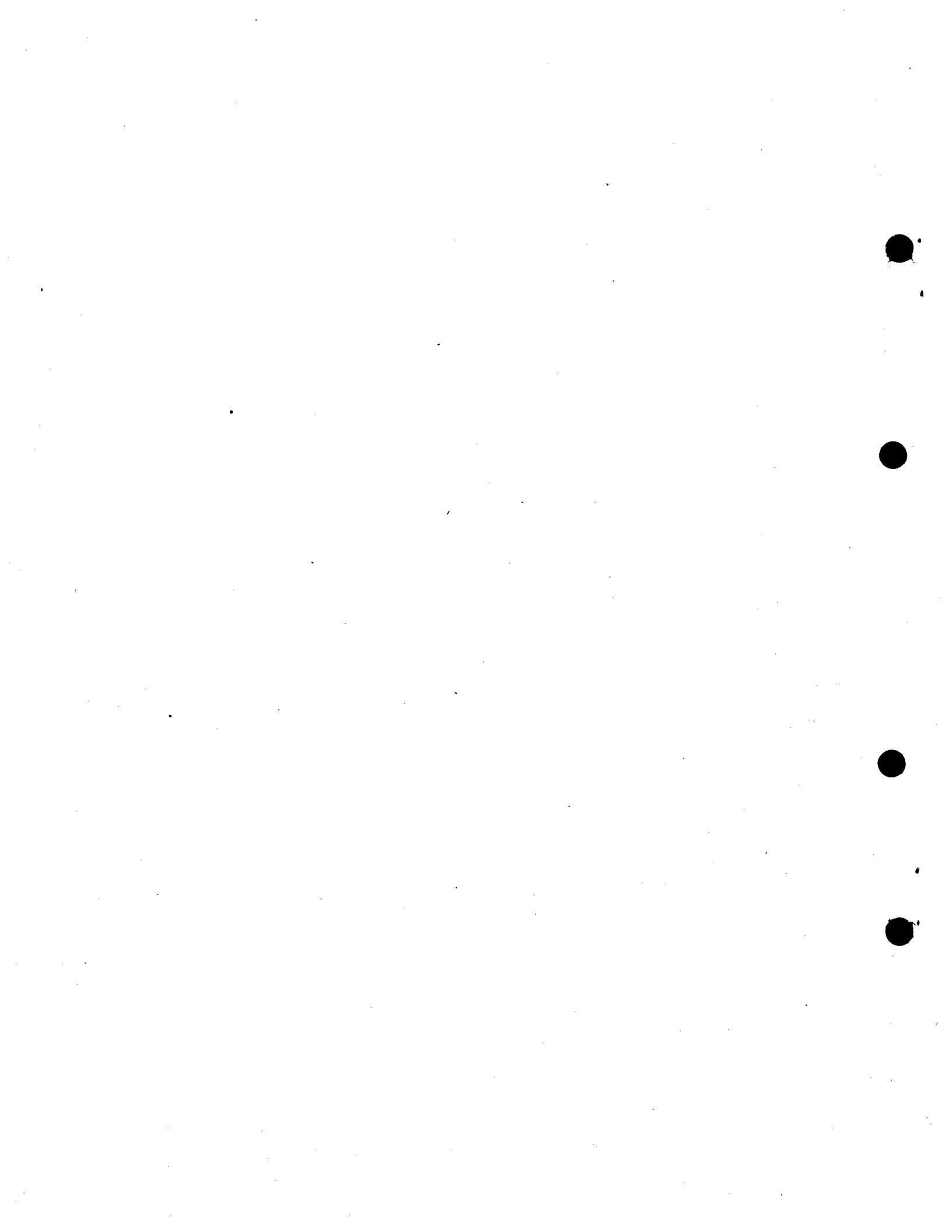
Dr. Riley again stressed the lack of Forest Pathologists and the lack of positions for Forest Pathologists. See Minute 160. He now sees prospects that positions may be established as soon as Forest Pathologists become available. Mr. Macdonald was of the opinion that the Subcommittee should contact the Forestry and Scientific Schools pointing out that financial help was available from the National Research Council to assist research; and scholarships were awarded to post-graduate students. See Minute 165.

#### 182. FILES OF THE SUBCOMMITTEE

Mr. Farrar asked if the National Research Council files pertaining to the Subcommittee would be transferred to the new secretary when Dr. Johnson leaves. The members representing the National Research Council were of the opinion that the files could be drawn at any time but were doubtful if they could be transferred.

#### 183. MOTION OF APPRECIATION

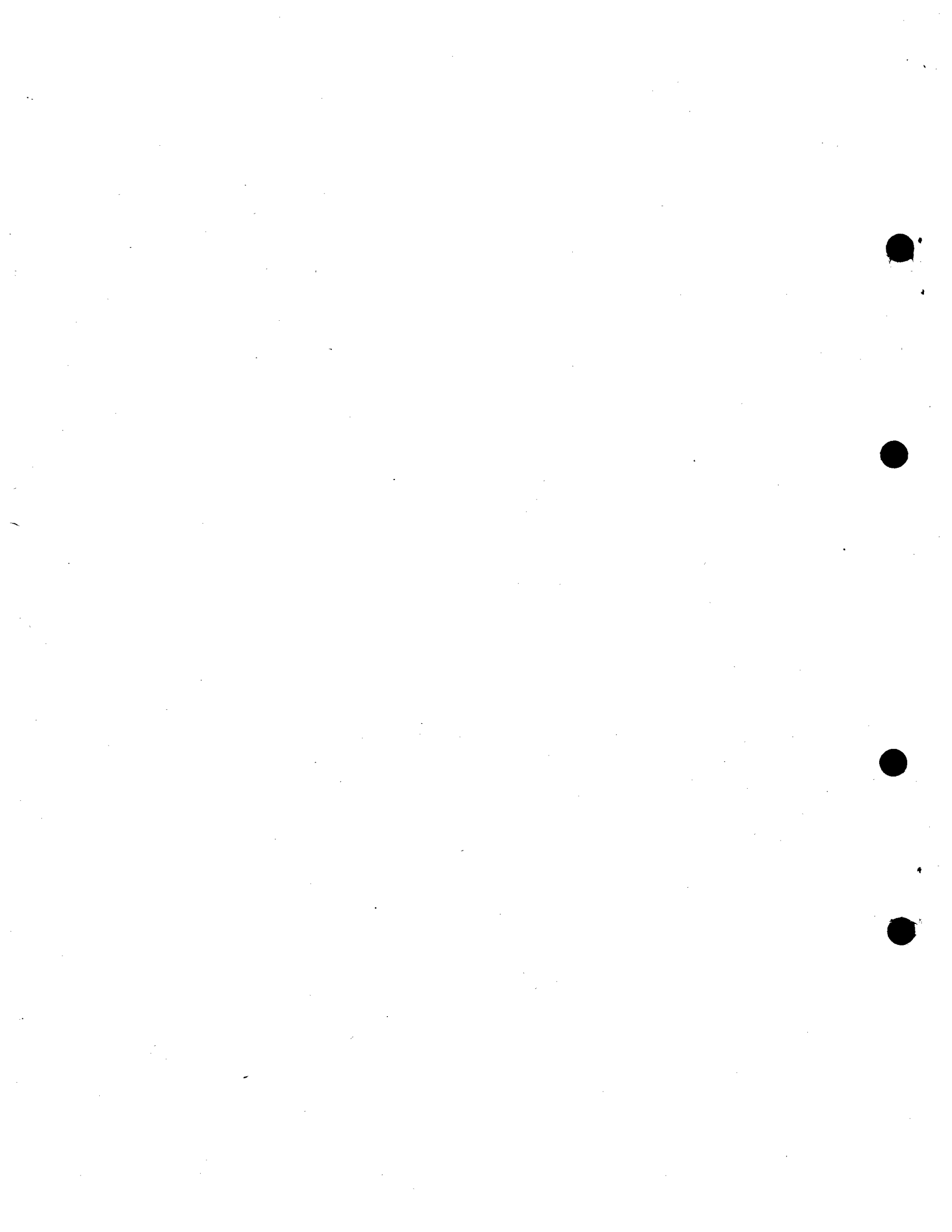
It was moved by Dr. Grace and seconded by Dr. Riley that the Subcommittee express to Dr. Heimburger and Dr. Johnson appreciation of their efforts to forward the work in Tree Breeding and express regrets at their leaving. The motion was carried unanimously by the other members of the Subcommittee.





Dr. Heimburger stated that he hoped in his new position with the Ontario Department of Lands and Forests to continue his association with the Subcommittee. Dr. Johnson stated that his position in the University of Florida could be temporary and he might be back with the National Research Council at some future time.

184. The Meeting adjourned to inspect the materials in the arboreta, nurseries and disease gardens.



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