

BIBLIOGRAPHY OF  
GREAT LAKES FOREST RESEARCH CENTRE  
PUBLICATIONS 1965-1977

C. A. PLEXMAN

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SAULT STE. MARIE, ONTARIO

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DEPARTMENT OF THE ENVIRONMENT

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## FOREWORD

*This bibliography is intended to serve primarily as a reference source of research undertaken, and publications issued, by the Great Lakes Forest Research Centre, under its various appellations, since 1965, when the federal Forestry Service was reorganized on a regional basis and the Ontario Region headquarters was set up in Sault Ste. Marie.*

*Included as main entries are all journal papers, [Information] Reports, Departmental Publications/Forestry Technical Reports, contributions to Bi-monthly Progress Report/Bi-monthly Research Notes, Forest Insect and Disease Survey Reports, and contributions to published symposium proceedings of which researchers affiliated with the Centre were the sole or senior authors. Where both senior and junior authors were affiliated with the Centre, cross-references have been provided. The main entries are listed alphabetically by author and chronologically for each author.*

*A subject index, based largely on keywords obtained from the titles of the publications, follows the main entries.*

*Appendix A lists journal papers, [Information] Reports, and contributions to symposium proceedings, published or sponsored by the Great Lakes Forest Research Centre, of which the sole author or the senior author was not affiliated with the Centre.*

*Appendix B lists Internal Reports and File Reports which were compiled by staff members of the Great Lakes Forest Research Centre but were not issued as regular publications.*

*Appendix C is a sequential list of [Information] Reports.*

*Excluded from the bibliography are publications issued or sponsored by other agencies, of which researchers affiliated with the Centre were junior authors, since a complete record of these is not available; contributions to the Forestry Research Newsletter and Survey Bulletin; and public information pamphlets.*

*This bibliography is not to be considered an order list for publications, as many of the publications listed are now out of print. However, every effort will be made to provide readers with information on the subjects covered in this report and on the research that is being conducted at the Centre. Requests for information should be directed to:*

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## ABSTRACT

This bibliography is a catalogue of the scientific and technical literature published by staff members of the Great Lakes Forest Research Centre, Sault Ste. Marie, Ontario, from 1965 to 1977. It includes journal papers, establishment reports, publications issued by the federal Department of the Environment and its predecessors, and contributions to symposium proceedings. A subject index is provided for all main entries. Appendices list contributions to Centre publications by authors not affiliated with the Centre, internal and file reports, and [Information] Reports in sequential order.

## RÉSUMÉ

Cette bibliographie est un catalogue de la documentation scientifique et technique publiée par le personnel du Centre de recherche forestière des Grands Lacs, à Sault-Sainte-Marie, Ontario, de 1965 à 1977 inclusivement. Elle inclut des articles de revues, des rapports du Centre, des publications émises par le ministère fédéral de l'Environnement et ses prédécesseurs, et aussi des rapports présentés lors de symposiums. L'auteur fournit un index des sujets. En appendices on trouvera énumérés des contributions aux publications du Centre par les auteurs qui ne sont pas affiliés au Centre, des rapports internes et des rapports en dossier, et enfin des rapports d'information en ordre numérique.

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TABLE OF CONTENTS

	<i>Page</i>
MAIN ENTRIES . . . . .	1
SUBJECT INDEX . . . . .	77
APPENDICES	

MAIN ENTRIES

## A

- AGNIHOTRI, V.P. 1969. Production and germination of appressoria in *Pythium irregulare*. Mycologia LXI(5):967-980.
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SUBJECT INDEX

- Abies balsamea*: BASHAM et al. 1974; MORRISON 1974c; VINCENT and HAAVISTO 1967; WHITNEY 1976
- abnormal germination: see germination
- Acer*: BASHAM and GOOD 1975  
see also individual species
- Acer saccharum*: BASHAM and ANDERSON 1977; BASHAM and TAYLOR 1965; BASHAM et al. 1969; VON ALTHEN 1971b, 1974c, 1977c; WEBB 1974a, 1974b, 1976b, 1977; WEBB and AGNIHOTRI 1970
- Acer saccharinum*: VON ALTHEN 1966; WEBB 1977
- Acer spicatum*: VINCENT 1965b
- acidity: HAAVISTO 1974a
- Adelgidae: LINDQUIST 1972
- Adoepa lineota*: LINDQUIST 1971
- aerial photo cruising: PAYANDEH 1973c
- aerial photographs: HAAVISTO and JEGLUM 1973; JEGLUM and BOISSONNEAU 1977
- aerial seeding: RILEY 1975a  
see also seeding
- aerial spraying: HOWSE et al. 1973
- afforestation: see forestation
- Agaricus bisporus*: PARK and AGNIHOTRI 1969a, 1969b
- Agathis binominata*: SYME 1968
- Alpine ash: see *Eucalyptus delegatensis*
- American basswood: see *Tilia americana*
- American elm: see *Ulmus americana*
- Anastatus disparis*: SULLIVAN et al. 1977
- Anchylopera burgessiana*: LINDQUIST 1966a
- Anisota* sp.: ROSE 1965b

- antifungal antibiotics: VAARTAJA 1969
- aphids: LINDQUIST and MILLER 1970; ROSE et al. 1975
- apical growth: MAINI 1966a
- appressoria: AGNIHOTRI 1969
- artificial inoculation: see inoculation
- artificial regeneration: see regeneration
- Ascocalyx abietis*: DORWORTH 1974a
- ascomycetes: PILLEY and TRIESELNANN 1968
- ash: see *Fraxinus*
- aspen: see *Populus*
- aspen bark meal: TAKAI and HUBBES 1973
- aspen suckering: see suckering
- Atomacera debilis*: LINDQUIST 1965b; LINDQUIST and TRINNELL 1965
- Atropellis*: REID and FUNK 1966

- bacteria: BASHAM and TAYLOR 1965
- balsam fir: see *Abies balsamea*
- bark beetles: see Coleoptera and individual species
- basidiomycetes: BASHAM 1965; PILLEY and TRIESELNANN 1969
- basswood: see *Tilia*
- bees: FYE 1972
- Betula alleghaniensis*: GROSS 1972; GROSS and HARN DEN 1968; MAINI and WANG 1967; STANEK 1970; WANG 1968
- Betula papyrifera*: GROSS and LARSEN 1971
- big-tooth aspen: see *Populus grandidentata*
- bioassay pot trials: WINSTON 1974a
- birch: see *Betula*
- birch leaf beetle: see *Phratora hudsonia*
- birch leaf miner: see *Fenusa pusilla*
- black cherry: see *Prunus serotina*
- black spruce: see *Picea mariana*
- black walnut: see *Juglans nigra*
- blowdown: GARDINER 1976a
- borax: MYREN 1973a
- boreal forest: CAMERON 1975a, 1976, 1977; DORWORTH and BUCHAN 1972; FRASER 1976; JEGLUM 1973a, 1973b; MORRISON and FOSTER 1977; NICOLSON 1975; RILEY 1975b
- boreal forest wetlands: see wetlands
- branch cankers: see cankers
- broadleaved trees: see individual species
- brush killer: see herbicides

bud dormancy: WEBB 1976a, 1977

burning: Chrosciewicz 1970  
see also fire

butterflies: see Lepidoptera

## C

calcium: FOSTER and GESSEL 1972; MORRISON et al. 1977b

*Camponotus* sp.: SANDERS 1970, 1972a, 1972b; SANDERS and BALDWIN 1969

cankers: DORWORTH 1970a, 1973b; REID and FUNK 1966

captan: AGNIHOTRI 1971b

Carbendazim H<sub>2</sub>PO<sub>4</sub>: see Methyl-2-benzimidazole-carbamate-phosphate

carbon: ELLIS 1974

carbon mineralization: ELLIS 1974

carpenter ants: see *Camponotus* sp.

*Cenococcum graniforme*: PARK 1970b

*Cenococcum mycorrhizae*: PARK 1971b

Cerambycidae: GARDINER 1966a, 1970d

*Ceratocystis ulmi*: GARDINER 1973, 1976b, 1977; GRIFFIN 1966; KONDO 1971, 1972, 1974, 1976, 1977; KONDO and HUNTLEY 1973a, 1973b, 1974a, 1974b, 1975a, 1975b; KONDO et al. 1973; RICHARDS and TAKAI 1973; TAKAI 1974

cerato-ulmin: TAKAI 1974

CFS-1020: see Methyl-2-benzimidazole-carbamate-phosphate

cherry: see *Prunus*

*Choristoneura biennis*: SANDERS et al. 1974

- Choristoneura fumiferana*: HARVEY 1967, 1974, 1975, 1977; HARVEY and BURKE 1974; HARVEY and GAUDET 1977; HARVEY and STEHR 1967; HOWSE et al. 1971, 1972, 1973, 1974, 1975, 1976, 1977; SANDERS 1969, 1971b; 1971c, 1971d, 1975a, 1976b, 1976a, 1976d; SANDERS and LUCIUK 1972a, 1972b, 1975; SANDERS and WEATHERSTON 1976; SANDERS et al. 1972, 1974, 1976; STEHR 1967
- Choristoneura viridis*: SANDERS et al. 1974
- Christmas trees: MACDONALD 1965, 1972; MCPHEE 1975
- Chrysomela crotchii*: SMEREKA 1965
- Chrysomelidae: LINDQUIST and DAVIS 1971
- Chrysopeleia ostryaella*: LINDQUIST and BOWSER 1966
- cis-11-tetradecenal*: SANDERS et al. 1974, 1977
- clearcuts: CHROSCIEWICZ 1970; FRASER et al. 1976; NICOLSON 1975
- clearcutting: see clearcuts
- climatic conditions: STOCKS and WALKER 1973
- cocoon parasites: see parasites
- cold storage: WEBB 1976a
- Coleoptera: THOMAS 1967; THOMAS and BRIGHT 1970
- computer programs: HEGYI 1971; MYERS and WILSON 1969a, 1969b; TUCKER 1974
- computer simulation: HEGYI 1974a; HEGYI and TUCKER 1974c; PAYANDEH 1975a, 1977b
- computer training: WALKER 1971a
- cone collection: HAIG 1969b
- coniferous seeds: see seed
- conifers: see individual species
- Coniochaeta velutina*: BASHAM et al. 1969; TAYLOR 1970
- Conophthorus*: THOMAS 1971

- container planting: HAIG 1972a, 1972b; SCARRATT 1972a, 1972b, 1972c, 1972d, 1972e, 1973a, 1973b, 1973c, 1973-1974, 1974, 1975; SCARRATT and KETCHESON 1974; VON ALTHEN 1969a
- containerized trees: see container planting
- cost-effectiveness: see economics
- crown deterioration: GROSS 1972
- cryptogams: PILLEY and TRIESELNANN 1968, 1969; TRIESELNANN and NAPHAN 1970; TRIESELNANN et al. 1974
- culture data, uniform system for: RICHARDS and TAKAI 1975
- Curculionidae: THOMAS and KRYWIENCZYK 1966
- cutovers: BASHAM and NAVRATIL 1975; HAIG and CURTIS 1974
- cutworm damage: LINDQUIST 1970
- Cylindrocladium floridanum*: MYREN et al. 1975
- Cytillus alternatus*: LINDQUIST and INGRAM 1968
- cytokinins: WEBB et al. 1973a, 1973b

- damping-off pathogens: VAARTAJA 1967a
- Daucus carota*: SYME 1966
- decay: BASHAM 1967, 1971, 1973b
- deciduous trees: see individual species
- Dendroctonus*: THOMAS and BRIGHT 1970
- Dendroctonus* Erichson: THOMAS 1965
- Deuteromycetes: PILLEY and TRIESELNANN 1968
- Diaporthaceae: REID and BOOTH 1967
- dieback: ELLIS 1971a; GRIFFIN 1965
- Diprion similis*: FOGAL 1977; FOGAL and KWAIN 1972b; FOGAL and WEBB 1976
- Diprionid sawflies: FOGAL 1974
- direct seeding: FRASER 1973; PAYANDEH 1975a; RILEY 1973b  
see also seeding
- Discomycetes: DORWORTH 1974c
- disease collections: MYREN and GROSS 1977
- disease index: KONDO and HUNTLEY 1974a
- disease surveys: see insect and disease surveys
- ditching: HAAVISTO and ATKINSON 1977
- Ditopella: REID and BOOTH 1967
- Ditopellina: REID and BOOTH 1967
- Ditopellopsis: Reid and Booth 1967
- drainage: JEGLUM 1975b; PAYANDEH 1973a, 1973b; STANEK 1975b
- dry matter distribution: HEGYI 1972; MORRISON 1974a
- Dutch elm disease: see *Ceratocystis ulmi*

- eastern spruce budworm: see *Choristoneura fumiferana*
- eastern white pine: see *Pinus strobus*
- economics: HAIG and CURTIS 1974; KETCHESON 1975a, 1975b, 1977a, 1977b;  
KETCHESON and SMYTH 1977; PAYANDEH 1972b, 1973b, 1975a,  
1975b; PAYANDEH and TUCKER 1975; TUCKER 1974a, 1974c; TUCKER  
and KETCHESON 1973
- ectomycorrhizal fungi: PARK 1971a
- ectomycorrhizal symbiont: PARK and MOORE 1971
- ectotrophic mycorrhizal fungus: PARK 1970a; SLANKIS 1967
- egg bursters: GARDINER 1966a
- electrical cauterizer: SYME and BODLEY 1971
- elements, distribution of: ELLIS 1975; FOSTER and MORRISON 1976;  
MORRISON 1972, 1973, 1974a, 1974c
- elm: see *Ulmus*
- elm bark beetles: see *Hylurgopinus rufipes*, *Scolytus multistriatus*
- Entomophthora aphidis*: WALLACE et al. 1976
- Entomophthora sphaerosperma*: HARVEY and BURKE 1974
- environmental gradients: JEGLUM 1973b
- environmental ordinations: JEGLUM et al. 1971
- Epinotia nanana*: LINDQUIST 1966b; LINDQUIST and HARNDEN 1966
- Epinotia solandriana*: LINDQUIST and MACLEOD 1967
- Eriophyid mites: see mites
- erosion: MATTICE 1977
- Eucalyptus*: ELLIS 1969b, 1971b, 1971c
- Eucalyptus delegatensis*: ELLIS 1971c
- European pine sawfly: see *Neodiprion sertifer*
- European pine shoot moth: see *Rhyacionia buoliana*

European skipper: see *Adopaea lineola*  
*Euura atre*: ROSE 1972b  
 evaporation: ELLIS 1971d  
*Exenterus* spp.: LYONS 1977b  
*Exenterus vellicatus*: ROSE 1974a  
*Exoteleia nepheos*: LINDQUIST and TRINNELL 1967  
 experimental burning: see burning, fire

## F

*falcate antheridia*: VAARTAJA 1967b  
*Fenusa pusilla*: LINDQUIST 1965a, 1970  
 fertilization: ELLIS 1973a; HAIG 1974a, 1974b; HEGYI 1974b; HEGYI and TUCKER 1974; MORRISON and FOSTER 1974; MORRISON et al. 1977; TUCKER 1974c; VON ALTHEN 1973a, 1976b, 1976c; WINSTON 1974b, 1977a, 1977b; WINSTON et al. 1977  
 fertilizers: FOGAL and SULLIVAN 1976; MORRISON and FOSTER 1977; MORRISON et al. 1976, 1977a, 1977b, 1977c; TUCKER 1974c; WINSTON 1974c  
 fir: see *Abies*  
 fire: STOCKS 1971, 1975, 1977; STOCKS and WALKER 1972, 1973; WALKER 1971a, 1971b, 1971c; WALKER and STOCKS 1968, 1972, 1975  
 see also burning  
 fire behavior: STOCKS 1977; STOCKS and WALKER 1972; WALKER and STOCKS 1971b  
 fire severity index: STOCKS 1971  
 fire weather index: STOCKS 1974  
*Flagioletia*: REID and BOOTH 1966  
 fog drip: ELLIS 1971d

- Fomes annosus*: MYREN 1973a, 1973b; MYREN and PUNTER 1972; PUNTER 1968;  
PUNTER and CAFLEY 1968
- forest disease collections: see disease collections
- forest disturbance: FYE 1972
- forest fires: see fire
- forest insect collections: see disease collections
- forest insect control: see insect control  
and individual control methods
- forest insect ecology: see insect ecology
- forest insects: see insect and disease surveys, insect collections,  
insects, general, and individual species
- forest pest populations: see populations, pest
- forestation: SUTTON 1970, 1973b; VON ALTHEN 1970, 1971e, 1972a, 1972c  
see also regeneration
- forest tent caterpillar: see *Malacosoma disstria*
- forested watersheds: NICOLSON 1977
- Fortran: HEGYI 1971
- Fortran subroutine: MYERS and WILSON 1969a, 1969b
- Fraxinus americana*: VON ALTHEN 1966, 1971b, 1971e, 1974b; WEBB 1976a,  
1977
- freeze-dryer: TAYLOR 1968
- Frontinella communis*: POINTING 1965, 1966
- fuel classification system: WALKER 1971c
- fuel consumption: STOCKS and WALKER 1972
- fuel types: WALKER 1971b; WALKER and STOCKS 1975
- fungus inhibitor: WEBB and AGNIHOTRI 1970
- fungi: AGNIHOTRI 1970; BASHAM 1966, 1975; BASHAM and GOOD 1975; BASHAM  
and TAYLOR 1965; MYREN and KELMAN 1975; REID and PIROZYNSKI 1966;  
TAYLOR 1968; VAARTAJA 1967c, 1968c; VAARTAJA and BENY 1969;  
WHITNEY et al. 1974
- fungitoxicants: AGNIHOTRI 1971a

- galls: LINDQUIST 1972; MYREN and KELMAN 1975
- gastric caeca: THOMAS 1967
- germination: AGNIHOTRI and VAARTAJA 1967a; HAAVISTO and WINSTON 1974, 1977; MAINI and WANG 1967; SCARRATT 1970; VON ALTHEN 1971c
- germination control: WEBB 1974b
- Gilpinia hercyniae*: FOGAL and KWAIN 1972a, 1972c
- girdling: BASHAM et al. 1974; VON ALTHEN 1971d
- greenhouse watering: SCARRATT and MCDONALD 1976
- Gremmeniella abietina*: DORWORTH 1970a, 1970c, 1971a, 1971b, 1972a, 1972b, 1973a, 1974a, 1974b, 1975a, 1975b, 1976, 1977b; DORWORTH and BUCHAN 1972; DORWORTH and KRYWIENCZYK 1975; DORWORTH et al. 1977; PUNTER 1967a, 1967b
- Gremmeniella* canker: DORWORTH 1970b, 1973b
- grosbeak damage: DORWORTH 1977a, 1977c; MCPHEE 1975
- growth prediction: HEGYI 1969
- growth regulators: see insect growth regulators, plant growth regulators
- gypsy moth: see *Porthetria dispar*

## H

- hardwood management: BASHAM 1973a; VON ALTHEN 1965a to 1977e inclusive;  
VON ALTHEN and STIELL 1965
- hardwood plantations: see hardwood planting
- hardwood planting: VON ALTHEN 1965a, 1965b, 1966, 1968, 1969a, 1969c,  
1969d, 1970, 1971b, 1971e, 1972b, 1972c, 1972d,  
1973b, 1974a, 1974b, 1974c, 1975, 1976a, 1976b,  
1976c, 1977b, 1977c; VON ALTHEN and STIELL 1965
- hardwood seeds: see seed
- hardwoods: ELLIS 1973a; VON ALTHEN 1973a  
see also individual species
- harvesting: ELLIS and MATTICE 1974
- harvesting costs: see economics
- heart rot: see rot, heart
- heart-rotting fungi: see fungi
- heartwood: BASHAM 1965, 1966; BASHAM and TAYLOR 1965
- heat flux: SILVERSIDES 1973
- Helotiales: REID and FUNK 1966
- Hemimyriangium betulae*: PILLEY and LARSEN 1968
- herbarium: PILLEY and TRIESELNANN 1968, 1969; TRIESELNANN and NAPHAN  
1970; TRIESELNANN et al. 1974
- herbicides: HAAVISTO and WINSTON 1977; SUTTON 1965a, 1965b, 1967a,  
1967d, 1969a, 1970, 1974b, 1975c; VON ALTHEN 1975, 1976a,  
1977c, 1977d; WINSTON and HAAVISTO 1974; WINSTON et al.  
1977
- Hygrophorus chrysodon*: PARK and MOORE 1971
- Hylurgopinus rufipes*: GARDINER 1976b; GARDINER and RODEN 1977
- Hypoxyylon pruinatum*: TAKAI and HUBBES 1973
- Hyssopus thymus*: SYME 1970, 1971, 1972, 1974b

## I

- infection: see specific diseases
- injection, chemical: KONDO 1972, 1976, 1977; KONDO and HUNTLEY 1973a, 1974b, 1975a, 1975b
- injector head: KONDO and HUNTLEY 1975b
- inoculation: PARK 1969, 1970b, 1971a
- insect and disease surveys: APPLEJOHN 1965, 1966, 1967, 1968, 1969; APPLEJOHN and WEIR 1977; ATKINSON 1965, 1966, 1967, 1968, 1969; BAKER 1967, 1968, 1969; BARNES 1965, 1966, 1967, 1968, 1969, 1976, 1977; BARNES and WEIR 1975; BOWSER 1965, 1966, 1967, 1968, 1969; BOWSER and JANSONS 1972, 1973, 1974; BOWSER and WEIR 1975; BOWSER et al. 1971; BUCHAN 1965, 1966, 1967, 1968; BUCHAN and HOOK 1967; CAMERON (G.) 1967; CONSTABLE 1965, 1966, 1967; CONSTABLE and APPLEJOHN 1977; DAVIS 1968, 1969; FOSTER (H.R.) 1965, 1966, 1967, 1968, 1969; FOSTER and APPLEJOHN 1975, 1976; FOSTER and HOOK 1971, 1972, 1973, 1974; FOSTER and LAWRENCE 1977; FOSTER and WEIR 1976; FOSTER et al. 1967; HALL 1965, 1966, 1967, 1968, 1969; HALL and CONSTABLE 1967; HALL and DAVIS 1968; HALL et al. 1971, 1972, 1973, 1974, 1975, 1976, 1977; HARNDEN 1965, 1976; HOOK 1965, 1966, 1967, 1968, 1969; INGRAM 1966, 1967, 1968, 1969; JACKSON 1965; JANSONS 1965, 1966, 1967, 1968, 1969, 1976; JANSONS and BOWSER 1975; LAWRENCE 1969; LIVESEY 1965, 1966, 1967, 1968, 1969; LOMBARD 1968, 1969; MACLEOD 1965, 1966, 1967, 1968, 1969, 1971, 1972, 1973; MACLEOD and LAWRENCE 1971, 1972, 1973, 1974; MACLEOD et al. 1975, 1976, 1977; MCPHEE (H.G.) 1965, 1966; MCPHEE (J.R.) 1965, 1966; MASON 1968, 1969; MILLER 1965, 1966, 1975; ROPKE 1965, 1966, 1967; SIPPELL 1966a; SIPPELL et al. 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975; THOMSON 1965, 1966, 1967, 1968, 1969; THOMSON and HOUSER 1975, 1976; THOMSON and SAJAN 1977; THOMSON et al. 1971, 1972, 1973, 1974; TRIESELNANN 1965, 1966, 1967, 1968, 1969; TRINNELL 1965, 1966; WEIR 1965, 1966, 1967, 1968, 1969a, 1969b; WEIR and APPLEJOHN 1972; WEIR and BIGGS 1973, 1974; WEIR and JANSONS 1977; WEIR and LAWRENCE 1975, 1976

- insect classification: MILLER and LINDQUIST 1971
- insect collections: ROSE 1966
- insect control: HAIG and MCPHEE 1969; HOWSE 1973; MARTIN 1965; SANDERS 1976b  
see also individual control methods
- insect damage: SIPPELL 1966b  
see also insect and disease surveys
- insect ecology: GAGNÉ and MARTIN 1968; MARTIN 1966
- insect growth regulators: FOGAL and SULLIVAN 1976; SANDERS 1976c
- insecticides: HOWSE 1973
- insects, general: MILLER and LINDQUIST 1971; ROSE 1967, 1968, 1969, 1970, 1971, 1972a, 1973, 1974b, 1976b; ROSE and LINDQUIST 1973; SIPPELL 1977
- insoluble phosphates: see phosphates, insoluble
- iron: ELLIS 1971c

jack pine: see *Pinus banksiana*

jack pine slash: see slash

jack pine spacing: see spacing

Japanese paperpots: see paperpots

*Juglans nigra*: VON ALTHEN 1968, 1969a, 1971a, 1971b, 1971c, 1971e, 1974b,  
1975, 1976c, 1977a

*Juniperus*: BRICAULT 1968

juvenile hormones: SULLIVAN and FOGAL 1972

labor: KETCHESON 1977b; KETCHESON and SMYTH 1977

*Lactarius* sp.: PARK 1970a

larch sawfly: see *Pristiphora erichsonii*

layerings: STANEK 1975c

leachates: VAARTAJA and AGNIHOTRI 1967

leaf age: MORRISON 1972

leaf litter: ELLIS 1971c

leaf miners: see individual species

leaf rollers: see individual species

leaf weight: ELLIS 1975

Lepidoptera: LINDQUIST 1971

lepidopterous larvae: LINDQUIST and MILLER 1969a

Lignasan-BLP: see Methyl-2-benzimidazole-carbamate-phosphate

Lignasan-P: see Methyl-2-benzimidazole-carbamate-phosphate

line printer: MYERS and WILSON 1969a; TUCKER 1974b

log spraying: GARDINER 1970c

logging: HORTON 1965

logging damage: VINCENT and HAAVISTO 1967

logging road costs: see economics

Lophodermium research: DORWORTH 1975c

*Lophyrophlectus luteator*: GRIFFITHS 1973, 1975, 1976a; GRIFFITHS and LYONS 1968; ROSE 1976a

*Lymantria dispar*: Griffiths 1976c

- magnesium: MORRISON et al. 1977b
- Malacosoma disstria*: SIPPELL 1965; SIPPELL and ROSE 1977; STAIRS 1966
- Malacosoma pluviale*: WELLINGTON 1965a
- maple: see *Acer*
- MBC-phosphate: see Methyl-2-benzimidazole-carbamate-phosphate
- mechanization: CAMERON 1975a, 1975b, 1976, 1977; HAIG 1975; HORTON 1965; KETCHESON 1975a; MATTICE 1975; RILEY 1975b; SUTTON 1975a  
see also planting machines
- melanotic inclusions: FOGAL and KWAIN 1972a
- mensuration: PAYANDEH 1970a, 1970b, 1972a, 1973a, 1973c, 1973d, 1974a, 1974b, 1974c, 1974d, 1974e, 1974f, 1975b, 1977a;  
PAYANDEH and EK 1971
- Messa nana*: LINDQUIST and THOMSON 1970
- Methyl-2-benzimidazole-carbamate-phosphate: KONDO 1977; KONDO and HUNTLEY 1973a, 1974b, 1975a, 1975b;  
KONDO et al. 1973
- microflora: AGNIHOTRI 1971b
- microfungi: BASHAM 1965
- mineral nutrition: MORRISON 1974b
- mites: MILLER and LINDQUIST 1971; ROSE 1965a
- modelling, computer: HEGYI 1975
- moisture distribution: STOCKS 1970
- Monochamus scutellatus*: GARDINER 1970c
- Monte Carlo test: PAYANDEH 1972a
- Mortierella*: VAARTAJA 1968b
- mountain maple: see *Acer spicatum*
- mouse damage: VON ALTHEN 1971d
- multiple curve plot program: TUCKER 1974b

muskeg: see wetlands

mycoflora: BASHAM 1973d

mycorrhizae: PARK 1970b, 1971b

mycorrhizal grain spawn: PARK 1969

mycostasis, soil: AGNIHOTRI and VAARTAJA 1967a

- Nearctic Lepturinae: GARDINER 1970a
- needle blight: see semi-mature tissue needle blight
- needle fungi: LINZON 1968
- needle miners: LINDQUIST 1966b
- Neodiprion abietis*: WALLACE and SULLIVAN 1974
- Neodiprion nanulus nanulus*: LYONS 1974
- Neodiprion pratti banksianae*: LYONS 1974
- Neodiprion* sawflies: LYONS 1977a; WALLACE and CAMPBELL 1965  
see also individual species
- Neodiprion sertifer*: FOGAL and KWAIN 1974; FOGAL and SULLIVAN 1976;  
GRIFFITHS 1969, 1973, 1975, 1976a; GRIFFITHS and  
LYONS 1968; GRIFFITHS et al. 1971; LYONS 1976,  
1977b; LYONS and SULLIVAN 1974; ROSE 1976a; ROSE  
and SIPPELL 1966; SULLIVAN 1965; SULLIVAN and FOGAL  
1972; SULLIVAN and WALLACE 1965, 1967, 1968a, 1968b,  
1968c; WALLACE and SULLIVAN 1966, 1973, 1975a, 1975b
- Neodiprion swaini*: LYONS 1970; TRIPP 1965; WALLACE and SULLIVAN 1972
- Nepticula macrocarpae*: LINDQUIST and HARNDEN 1970a
- newsprint industry: TUCKER 1974a
- nitrification: AGNIHOTRI 1971b
- nitrocellulose sectioning: RODEN 1975
- nitrogen: ELLIS 1974; FOSTER and GESSEL 1972; KRAUSE 1968; MORRISON et al.  
1977a, 1977c; WINSTON and MORRISON 1976; WINSTON et al. 1977
- nitrogen mineralization: ELLIS 1974
- nonrandomness index: PAYANDEH and PAINE 1971

oak: see *Quercus*

oakleaf-mining sawfly: see *Profenusa lucifera*

organic terrain surveys: STANEK 1973c

*Orgilus obscurator*: SYME 1969, 1970, 1974a, 1977b; SYME and GREEN 1972

ozone damage: LINZON 1966, 1967b

## P

*Pamphilius ochreipes*: LINDQUIST and HARNDEN 1970

paperpots: SCARRATT 1973b, 1973c; SCARRATT and KETCHESON 1974  
see also container planting

parasites: GARDINER 1976b; GRIFFITHS 1969, 1976b, 1976c; GRIFFITHS and HOLLING 1969; LYONS 1977b; ROSE and SIPPELL 1966; SULLIVAN et al. 1977; SYME 1966, 1968, 1969, 1970, 1971, 1972, 1974a, 1974b, 1975, 1977b; SYME and GREEN 1972

parasitized hosts: GRIFFITHS 1971

peat: see wetland vegetation

peat core samples: STANEK and SILC 1976

peat humification: SILC and STANEK 1977; STANEK and SILC 1977

peatlands: see wetlands

pH determination: JEGLUM 1971; STANEK 1973b, 1973c

phenyl-benzoyl urea: FOGAL 1977

pheromones: SANDERS 1969, 1971b, 1971c, 1971d, 1975a, 1976a, 1976c;  
SANDERS and LUCUIK 1972a, 1972b; SANDERS and WEATHERSTON 1973,  
1976; SANDERS et al. 1972, 1974, 1977

phosphates, insoluble: AGNIHOTRI 1970

phosphorus: MORRISON et al. 1977a

photo intensity: PAYANDEH et al. 1973

- photoperiod: SULLIVAN and WALLACE 1965, 1967, 1968b; WALLACE and SULLIVAN 1966, 1972, 1974; WEBB 1976b
- photoperiodism: see photoperiod
- Phragmoportha*: REID and BOOTH 1967
- Phratora hudsonia*: LINDQUIST 1971; LINDQUIST and DAVIS 1971
- Phyllophaga* sp.: SUTTON 1974a; SUTTON and STONE 1975
- Picea glauca*: HAIG and CURTIS 1974; HARVEY and BURKE 1974; LINDQUIST 1970; SCARRATT 1972b; SUTTON 1965a, 1965b, 1967c, 1969c, 1972, 1974b, 1975c; SUTTON and STONE 1975; WHITNEY 1972a, 1972b, 1973, 1976
- Picea mariana*: BASHAM 1973c, 1973d; EVERT 1967; FRASER 1975a, 1976; FRASER et al. 1976; HAAVISTO 1975; HAAVISTO and WINSTON 1974, 1977; HAIG 1969b; HAIG and MCPHEE 1969; JEGLUM 1974, 1975a; KETCHESON 1975b; KETCHESON and JEGLUM 1972; PAYANDEH 1972b, 1974a, 1975a; STANEK 1975a, 1975c; VINCENT 1965a, 1966a, 1966b; VINCENT and HAAVISTO 1967; WINSTON 1975
- Pielou's nonrandomness index: PAYANDEH 1973c
- pine: see *Pinus*
- pine sawflies: see individual species
- Pinus banksiana*: BASHAM 1965, 1966, 1967, 1975; CHROSCIEWICZ 1970; DORWORTH 1977b, 1977c; FOSTER 1974; FOSTER and GESSEL 1972; FOSTER and MORRISON 1976; GARDINER 1975, 1976a; HAAVISTO and WINSTON 1974, 1977; HAIG 1969b; HEGYI 1970, 1972, 1973, 1974b; MATTICE and RILEY 1975; MORRISON 1972, 1973, 1974a; MORRISON and FOSTER 1977; MORRISON et al. 1976, 1977, 1977a, 1977b, 1977c; RILEY 1973a; SCARRATT 1972b; STANEK 1975a; STOCKS and WALKER 1972; TUCKER 1974c; WALKER and STOCKS 1975; WHITNEY et al. 1972; WINSTON 1971, 1974c, 1977; WINSTON and MORRISON 1976; WINSTON et al. 1977
- Pinus cembroides*: AGNIHOTRI and VAARTAJA 1969
- Pinus resinosa*: AGNIHOTRI and VAARTAJA 1967b, 1968, 1970; DORWORTH 1970a, 1976, 1977b; ELLIS and WHITNEY 1975; GAGNÉ and MARTIN 1968; HORTON 1969; MACDONALD 1965; MARTIN 1966; MYREN 1973b; SYME 1976; VON ALTHEN 1968; VON ALTHEN and STIELL 1968

- Pinus strobus*: DORWORTH 1977c; HORTON 1966; LINZON 1965a, 1966, 1967a, 1967b, 1968, 1969, 1971; SULLIVAN 1967
- Pinus sylvestris*: DORWORTH 1977c; MCPHEE 1975; VON ALTHEN 1974c
- Pissodes strobi*: SULLIVAN 1967
- plant growth regulators: WALLACE and SULLIVAN 1975b
- plantation establishment: CAMERON 1977; KETCHESON and SMYTH 1977; RILEY 1977; SIPPELL 1977; SUTTON 1977
- planting: PAYANDEH 1975a, 1977b; VON ALTHEN 1969a, 1969c, 1972b, 1972c, 1976c  
see also container planting
- planting depth: SUTTON 1967b
- planting machines: CAMERON 1975a, 1975b, 1976, 1977; RILEY 1975b  
see also mechanization
- planting method: HAIG 1969a; VON ALTHEN 1972c
- planting stock: SCARRATT 1972b, 1972c, 1972d; VON ALTHEN 1966, 1969c
- planting stock production: SCARRATT 1977; SCARRATT and REESE 1976, 1977
- planting tools: SCARRATT and KETCHESON 1974
- Pleolophus basizonus*: GRIFFITHS 1969a, 1971, 1976a
- Plonski's yield tables: see yield tables
- plot dimensions: HEGYI 1973
- plotting, two-dimensional: MYERS and WILSON 1969a
- Polyphenol-oxidase: TAKAI and HUBBES 1973
- Polyporus tomentosus*: WHITNEY 1972a, 1972b, 1977; WHITNEY and BOHAYCHUK 1971, 1976a, 1976b, 1977
- population dynamics: LYONS 1977
- population regulation: HOLLING 1965
- populations, pest: LYONS et al. 1971
- Populus grandidentata*: SANDERS and KNIGHT 1968

- Populus tremuloides*: BASHAM and NAVRATIL 1975; MAINI and HORTON 1966
- Porthetria dispar*: GRIFFITHS 1976b; SULLIVAN and WALLACE 1972; SULLIVAN et al. 1977
- potassium: KRAUSE 1965, 1971; MORRISON et al. 1977a
- pot trials: WINSTON and MORRISON 1976
- predators: GRIFFITHS 1976b; GRIFFITHS and HOLLING 1969; HOLLING 1965
- prey density: HOLLING 1965
- principal component analysis: JEG LUM et al. 1971
- Pristiphora acidovalva*: LINDQUIST and MILLER 1969c
- Pristiphora erichsonii*: HERON 1971, 1972
- Pristomerus* sp.: SYME 1969
- Profenusa lucifex*: LINDQUIST 1973b; LINDQUIST and JACKSON 1965
- pruning: HORTON 1969; SUTTON 1967c; VON ALTHEN 1977a
- Prunus serotina*: VON ALTHEN 1974a
- Pseudotomentella*: LARSEN 1967b, 1968a, 1971, 1973
- Pteridium*: MAINI and HORTON 1966a
- Pterocomma populifoliae*: SANDERS and KNIGHT 1968
- pulpwood: HORTON 1965; PAYANDEH 1972b
- Pythium*: AGNIHOTRI and VAARTAJA 1967a; VAARTAJA 1967b, 1968b, 1969; VAARTAJA and AGNIHOTRI 1967  
see also individual species
- Pythium afertile*: AGNIHOTRI and VAARTAJA 1968
- Pythium irregulare*: AGNIHOTRI 1969; AGNIHOTRI and VAARTAJA 1970; VAARTAJA 1967b
- Pythium polymorphon*: VAARTAJA 1967b
- Pythium ultimum*: AGNIHOTRI and VAARTAJA 1967b

## Q

*Quercus rubra*: VON ALTHEN 1972c

## R

rainfall: ELLIS 1971d; HAAVISTO 1974a

randomness tests: PAYANDEH 1972a

recycled fibre: see recycling

recycling: TUCKER 1974

red oak: see *Quercus rubra*

red pine: see *Pinus resinosa*

red pine infection: MYREN 1973b

redox potential: HAAVISTO 1974a

reforestation: see forestation

regeneration: CHROSCIEWICZ 1970; FRASER et al. 1976; HORTON 1965; PAYANDEH 1977b, 1977c; PAYANDEH and TUCKER 1975; SCARRATT 1973-1974; VON ALTHEN 1969a  
see also forestation

resistivity exploration: SUTTON 1973a

respiration, soil: AGNIHOTRI 1971b; ELLIS 1969b

*Rhopalosiphum maidis*: ROSE et al. 1975

*Rhyacionia buoliana*: POINTING 1966; SYME 1966, 1968, 1969, 1970, 1971, 1972, 1974a, 1974b, 1975, 1976, 1977a, 1977b;  
SYME and GREEN 1972

*Rhyssa lineolata*: GARDINER 1966b

road erosion: see erosion

root development: SUTTON 1967c, 1969b

root diseases: GROSS 1970

root elongation: WEBB 1976b

- root extension: SCARRATT 1972a
- root exudates: AGNIHOTRI and VAARTAJA 1967b, 1969
- root grafts: HORTON 1969
- root injection: see injection
- root pruning: see pruning
- root regeneration: WEBB 1976a, 1976b, 1977
- root rot: see rot, root
- rot: BASHAM 1973a
- rot, heart: BASHAM 1965, 1966, 1967, 1973c, 1973d, 1975
- rot, root: VAARTAJA and BUMBIERIS 1967; WHITNEY 1972a, 1972b, 1973, 1976, 1977; WHITNEY and BOHAYCHUK 1971, 1976a, 1976b, 1977; WHITNEY et al. 1974
- rot, stem: BASHAM 1973c
- row seeding: see seeding
- rust galls: see galls

- sample confidence limits: EK 1968
- sawfly cocoons: LYONS 1969
- sawfly larvae: LINDQUIST and MILLER 1969b, 1971, 1976
- scaling parameters: SILVERSIDES 1974b
- scarification: HORTON and WANG 1969; WANG 1968; WANG and HORTON 1966
- Schistocera gregaria*: FOGAL 1968
- Scleroderris canker: see *Gremmeniella* canker
- Scleroderris lagerbergii*: see *Gremmeniella abietina*
- sclerotia: AGNIHOTRI 1971a
- Scolytidae: THOMAS 1965, 1966, 1971; THOMAS and KRYWIENCZYK 1966
- Scolytus multistriatus*: KONDO and HUNTLEY 1973b
- seed: FRASER 1975b, 1976; HAAVISTO and WINSTON 1974, 1977; PAYANDEH 1977b; SCARRATT 1970
- seed collection: VINCENT 1966b
- seed exudates: AGNIHOTRI and VAARTAJA 1968, 1970
- seed production: GROSS 1972; HAAVISTO 1975
- seed treatments: FRASER 1973
- seeding: CHROSCIEWICZ 1970; FRASER 1973, 1975a; HORTON and WANG 1969; MATTICE 1975; VON ALTHEN 1969a; WINSTON 1975, 1977  
see also aerial seeding, direct seeding
- seedling diseases: VAARTAJA 1965
- seedling production: SCARRATT 1972a
- seedling survival: WEBB 1974a
- seedlings, tubed: see tubed seedlings
- seismic exploration: SUTTON 1973a
- semi-mature tissue needle blight: LINZON 1965a, 1966, 1967a, 1967b, 1968, 1971

- sex attractants: see pheromones
- sex pheromones: see pheromones
- silver maple: see *Acer saccharinum*
- silviculture: ELLIS 1973b; HEGYI and TUCKER 1974c; KETCHESON 1977b;  
KETCHESON and SMYTH 1977; RILEY 1973b; VINCENT 1965a
- site-index curves: PAYANDEH 1974c
- site-index equations: PAYANDEH 1974d
- site-index formula: PAYANDEH 1974e, 1977a
- site preparation: HAIG 1969a; RILEY 1975a, 1977; VON ALTHEN 1971e, 1976a  
1977e
- slash: STOCKS and WALKER 1972
- sodium nitrate: MYREN 1973a
- soil fertility: see fertility, soil
- soil formation: ELLIS 1969a
- soil fungi: see fungi
- soil mycostasis: see mycostasis, soil
- soil temperature: see temperature
- soils: ELLIS 1969a, 1969b, 1971a, 1971b, 1974; ELLIS and WHITNEY 1975;  
SUTTON 1973a; VON ALTHEN 1970
- spacing: RILEY 1973a; SCARRATT 1972c
- spatial distribution: PAYANDEH 1970a; PAYANDEH and EK 1971
- spatial pattern: PAYANDEH 1974b, 1974f
- Sphagnum* mosses: see wetland vegetation
- Spodoptera frugiperda*: ROSE et al. 1975
- Spondylis upiformis*: GARDINER 1970b
- spruce: see *Picea*

- spruce beetle: see *Monochamus scutellatus*
- spruce budworm: see *Choristoneura fumiferana*
- stain: BASHAM 1973a, 1973b
- stem map data: EK 1969
- stem rot: see rot, stem
- Stereum sanguinolentum*: GRIFFIN 1969
- stock age: VON ALTHEN 1972c
- stock quality: SUTTON 1977
- strip cuts: FRASER et al. 1976; KETCHESON 1977a
- strip thinning: see thinning
- stump protection: MYREN 1973a; MYREN and PUNTER 1972
- stumpage charge: see economics
- subjective probability: PAYANDEH and TUCKER 1975
- suckering: BASHAM and NAVRATIL 1975; MAINI and HORTON 1966
- sugar maple: see *Acer saccharum*
- sulphur dioxide: LINZON 1965b, 1966
- sum-of-squares agglomeration: STANEK 1973a
- swamp: see wetlands
- sylvotundra: MAINI 1966b
- systematic sampling: PAYANDEH 1970b; PAYANDEH and EK 1971; PAYANDEH and PAINE 1971

## T

- temperature: ELLIS 1971a; FOGAL and KWAIN 1972a; MAINI and HORTON 1966b;  
ROSE 1965b; SULLIVAN 1965; SULLIVAN and WALLACE 1967;  
SYME 1972
- temperature spectra: SILVERSIDES 1973
- temperature tolerance: HERON 1971
- tent caterpillar: see *Malacosoma disstria*
- termites: KIRBY 1965, 1967
- Thanatephorus*: VAARTAJA and AGNIHOTRI 1967
- Telephora terrestris*: VAARTAJA 1968a
- Thera juniperata*: BRICAULT 1968
- thermocouples: WALKER and STOCKS 1968
- thinning: MATTICE and RILEY 1975; MORRISON et al. 1977c; VON ALTHEN  
1976c; WINSTON 1977a, 1977b
- Tilia americana*: PARK 1970a, 1970b, 1971a; PARK and MOORE 1971
- Tomentella bourdotii*: LARSEN 1968b
- Tomentella bresadolae*: LARSEN 1969
- Tomentella ruttneri*: LARSEN 1969
- Tomentella subalpina*: LARSEN 1972
- tomentelloid fungi: LARSEN 1967a, 1967b, 1967c, 1968a, 1968b, 1969,  
1970a, 1970b, 1971, 1972, 1973
- top mortality: BASHAM 1971
- trans*-11-tetradecenal: SANDERS et al. 1972, 1974, 1977
- transportation costs: see economics
- trembling aspen: see *Populus tremuloides*
- trunk stain: see stain
- Tsuga heterophylla*: REID and FUNK 1966
- tube diameter: SCARRATT 1972c

tubed seedlings: SCARRATT 1972c, 1972d, 1972e, 1974  
see also container planting

turbulence spectra: SILVERSIDES 1974b

two-dimensional plotting: see plotting, two-dimensional

two-dimensional systematic sampling: see systematic sampling

## U

*Ulmus americana*: GARDINER 1973, 1977; GRIFFIN 1966; KONDO 1971, 1972, 1974, 1976, 1977; KONDO and HUNTLEY 1973a, 1973b, 1974a, 1974b, 1975a, 1975b; KONDO et al. 1973; RICHARDS and TAKAI 1973; TAKAI 1974

univariate analyses: MYERS and WILSON 1969b

urea: MORRISON and FOSTER 1977; MORRISON et al. 1976; WINSTON 1974c

## V

variable density yield tables: see yield tables

vegetation classification: JEGLUM 1975a; JEGLUM et al. 1974; STANEK 1973a

vegetational ordinations: JEGLUM et al. 1971

vegetational variation: JEGLUM 1973b

vegetative propagation: MAINI and HORTON 1966b

*Verticillium* sp.: DORWORTH 1970a

virus epizootics: STAIRS 1965

viruses: HOWSE et al. 1973

- Waitea circinata*: AGNIHOTRI 1971a; AGNIHOTRI and VAARTAJA 1969
- wasps: FYE 1972
- water-soluble chemicals: KONDO 1972
- water quality: NICOLSON 1975; NICOLSON and MACE 1975
- weather: SILVERSIDES 1973, 1974a, 1974b; STOCKS 1974; STOCKS and WALKER 1973
- weed control: VON ALTHEN 1970, 1971b, 1971e, 1972c, 1975, 1976a, 1977c, 1977d  
see also herbicides
- western hemlock: see *Tsuga heterophylla*
- wetland classification: see vegetation classification
- wetland vegetation: HAAVISTO 1974a, 1974b, 1975; HAAVISTO and ATKINSON 1977; HAAVISTO and JEG LUM 1973; JEG LUM 1971, 1973a, 1973b, 1974, 1975a, 1975b; PAYANDEH 1974a; SILC and STANEK 1977; STANEK 1975a, 1975c; STANEK and JEG LUM 1977
- wetlands: JEG LUM 1971, 1973a, 1973b, 1974, 1975a, 1975b; JEG LUM and BOISSONNEAU 1977; JEG LUM et al. 1974; KETCHESON and JEG LUM 1972; STANEK 1973b, 1973c, 1975a, 1975c, 1976; STANEK and JEG LUM 1977; STANEK and SILC 1976; VINCENT 1966a
- white ash: see *Fraxinus americana*
- white elm: see *Ulmus americana*
- white grubs: see *Phyllophaga* sp.
- white pine: see *Pinus strobus*
- white pine weevil: see *Pissodes strobi*
- white spruce: see *Picea glauca*
- wild carrot: see *Daucus carota*
- wildfires: STOCKS 1975; WALKER and STOCKS 1972
- wind damage: GARDINER 1975
- wind velocity: SILVERSIDES 1974a
- wood-boring beetles: see Cerambycidae
- woodlot silviculture: see silviculture

## Y

yellow birch: see *Betula alleghaniensis*

yield tables: EVERT 1967; PAYANDEH 1973d

## Z

*Zagranmosoma nigrolineatum*: LYONS 1974

*Zeiraphera improbana*: LINDQUIST 1973a

zoospore germination: AGNIHOTRI and VAARTAJA 1968

APPENDICES

## APPENDIX A

Journal papers, [Information] Reports, and contributions to symposium proceedings, published or sponsored by the Great Lakes Forest Research Centre, of which the sole author or the senior author was not employed by the Centre, are listed below.

### Journal Papers

- BOHAYCHUK, W.P. and WHITNEY, R.D. 1973. Environmental factors influencing basidiospore discharge in *Polyporus tomentosus*. Can. J. Bot. 51(4):801-815.
- GOOD, H.M., BASHAM, J.T. and KADZIELAWA, S.D. 1968. Respiratory activity of fungal associations in zones of heart rot and stain in sugar maple. Can. J. Bot. 46:27-36.
- HEIMBURGER, C.C. and SULLIVAN, C.R. 1972a. Screening of Haploxylon pines for resistance to the white pine weevil. I. *Pinus peuce* and *P. strobus* grafted on Scots pine. Silvae Genetic. 21:65-148.
- HEIMBURGER, C.C. and SULLIVAN, C.R. 1972b. Screening of Haploxylon pines for resistance to the white pine weevil. II. *Pinus strobus* and other species and hybrids grafted on white pine. Silvae Genetic. 21:205-252.
- ZINKAN, C.G., JEGLUM, J.K. and HARVEY, D.E. 1974. Oxygen in water culture influences growth and nutrient uptake of jack pine, black spruce and white spruce seedlings. Can. J. Plant Sci. 54:553-558.

### [Information] Reports

- HUNT, K. and WHITNEY, R.D. 1974. Kraft pulp from decayed *Abies balsamea* from Ontario. Dep. Environ., Can. For. Serv., Sault Ste. Marie, Ont. Inf. Rep. O-X-217. 13 p.

### Symposium Papers

- O-P-1 The Management of Southwestern Ontario Hardwoods (1973)
- BECKWITH, A.F. 1973. Hardwood program of the Mensuration Unit, Forest Research Branch, Ontario Ministry of Natural Resources. p. 34-36.
- DRYSDALE, D.P. 1973. Problems in the utilization and management of southwestern Ontario hardwoods. p. 1-7.

O-P-1 The Management of Southwestern Ontario Hardwoods (cont'd)

DUMBROFF, E.B. 1973. Some growth characteristics of seedling sugar maple. p. 60-61.

GILBERT, R.C.A. 1973. Herbicides in forest tree establishment. p. 57-59.

HOUGH, M. 1973. Aesthetic and amenity values in the management of hardwood forests. p. 27-33.

JACIW, P. 1973. Research on uplands in southern Ontario. p. 75-79.

JOHNSTON, E.F. 1973. Implementation of forest management on private lands. p. 8-12.

LARSSON, H.C. 1973. Research studies on the uplands and lowlands of southern Ontario. p. 13-18.

MATIECE, A.P. 1973. Hardwoods and wildlife habitat. p. 45-48.

STROEMPL, G. 1973. Some ecological aspects of American basswood. p. 37-44.

ZSUFFA, L. 1973. The current state of poplar breeding in Ontario. p. 68-74.

O-P-2 Alternatives in Forest Insect Control (1973)

CUNNINGHAM, J.C. 1973. The use of viruses in the control of forest insect pests. p. 46-52.

FAST, P.G. 1973. The use of bacterial insecticides in forest insect pest control. p. 42-45.

RETNAKARAN, A. 1973. Control of insect pests using synthetic insect hormones. p. 27-41.

SANDERS, S.W. 1973. Introductory paper: an ecological view. p. 1-4.

TYRRELL, D. and MACLEOD, D. 1973. Alternatives in the control of forest insects: fungi. p. 53-61.

O-P-3 Mechanization of Silviculture in Northern Ontario (1975)

ARMITAGE, F.B. 1975. Why mechanized silviculture. p. 1-3.

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deVRIES, H.H. 1975. Development and trends in forest nursery mechanization. p. 4-8.

O-P-3 Mechanization of Silviculture in Northern Ontario (cont'd)

- DUNFIELD, J.D. 1975. Mechanized thinning. p. 123-129.
- FOWLER, J.F. 1975. Prime movers and carriers: their role in the mechanization of silviculture. p. 55-58.
- GEMMELL, J.R. 1975. The integration of site preparation with mechanical regeneration. p. 47-54.
- HEIKURINEN, J.K.K. 1975. Powered vs nonpowered site-preparation equipment. p. 37-46.
- RUDOLPH, J.T. 1975. Northern Region viewpoint. p. 154-159.
- SCOTT, J.D. 1975. Recent developments in mechanized planting and the future for Ontario. p. 70-85.
- van BERS, H.P.G. 1975. Implications of and possibilities for mechanization in the North Central Region. p. 149-153.
- van FRAASSEN, A.M. 1975. Development and implications of mechanical scarification in the Northwestern Region. p. 137-148.

O-P-4 Black Spruce Symposium (1975)

- ARMSON, K.A. 1975. Establishment and early development of black spruce. p. 45-56.
- AULD, J.M. 1975. Modified harvest cutting in Thunder Bay District. p. 201-206.
- FRY, R.D. 1975. Tree planting and stock quality--a view from the forest. p. 80-85.
- HEARNDEN, K.W. 1975. Black spruce--the Cinderella species and the story of Canadian forestry. p. 1-22.
- MCCLAIN, K.M. 1975. Continuous planting of seedling black spruce. p. 177-194.
- MAREK, G.T. 1975. Ecosystem management of black spruce on shallow sites in the Lake Nipigon-Beardmore area. p. 195-200.
- MORGENSTERN, E.K. 1975. Effects of seed origin and their utilization through silviculture and tree breeding. p. 107-120.
- PEACOCK, T.H. 1975. Operational problems of modified cut harvesting. p. 207-218.
- REESE, K.H. 1975. Standards in the production and planting of black spruce. p. 86-94.

O-P-4 Black Spruce Symposium (cont'd)

ROBINSON, F.C. 1975. Ontario stocking standards for black spruce.  
p.23-32.

ROBINSON, F.N. 1975. Concluding remarks. p. 283-289.

VIRGO, K. 1975. Practical aspects of regeneration on Ontario's Clay Belt  
peatlands. p. 265-276.

WYNIA, A. 1975. Production of black spruce nursery stock in the boreal  
forest region. p. 95-102.

O-P-5 Plantation Establishment Symposium [Abstracts] (1977)\*

ARMITAGE, F.B. 1977. Performance assessment and policy in plantation  
establishment. p. 115-116.

ARMSON, K.A. 1977. Keynote address. p. 1-4.

BIDWELL, P.K. and MACNAUGHTON. 1977. Cold storage units in the field:  
a report on the different systems used in the Northern Region.  
p. 34-35.

BROWN, G. 1977. Site preparation. p. 46-47.

BUNTING, W.R. 1977. Packing and packaging. p. 30-31.

CAMPBELL, A.J. 1977. Hand planting in eastern Ontario. p. 69-70.

CARLSON, O.R. 1977. Hand planting in the Atikokan District. p. 71-72.

DAY, R.J., STUPENDICK, J.T. and BUTLER, J.M. 1977. Root periodicity and  
root regeneration potential are keys to successful plantation  
establishment. p. 19-21.

deVRIES, H.H. 1977. Lifting bare-root nursery stock. p. 8-9.

ERICKSON, H.A. 1977. Planting machine operation in northeastern Ontario.  
p. 74-75.

GILBERT, R.C.A. 1977. Cultivation and herbicide use in forest tree estab-  
lishment in southern Ontario. p. 43-45.

GLERUM, C. 1977. Determination of the readiness of coniferous seedlings  
for overwinter cold storage. p. 18.

HEARNDEN, K.W. 1977. Growing the second forest in Ontario - views from  
the grass roots and the ivory tower. p. 111.

HEIKURINEN, J.K.K. 1977. Long-term plantation planning: an ecological  
and biological point of view. p. 58-59.

\* Full papers published as mimeographed separates.

O-P-5 Plantation Establishment Symposium (cont'd)

- KIM, S. 1977. Analysis of young stage of plantation establishment. p. 109-110.
- LECLAIRE, K. and DUNNE, R.H. 1977. Tree planting in the Chapleau District. p. 72-73.
- MACHATTIE, L.B. 1977. Weather information relevant to plantation establishment. p. 65-66.
- MCCLAIN, K.M. and ANDERSON, H.W. 1977. The improvement of regeneration through the integration of nursery stock monitoring and plantation quality assessment. p. 107-108.
- MCMINN, R.G. 1977. Site preparation: biological expectations. p. 40-41.
- MILLER, J. 1977. Release treatments in artificially established plantations in northern Ontario: a review and forecast. p. 91-92.
- MULLIN, R.E. 1977. Practical guidelines to nursery stock quality. p. 24-25.
- NAVRATIL, S. 1977. Nursery storage of spring-lifted planting stock. p. 32-33.
- NOLAN, J.D. 1977. Early tending of plantations: southwestern Ontario. p. 93-94.
- O'DONNELL, W.A. 1977. Applied techniques in site preparation for forest plantation establishment. p. 48-50.
- PIERPOINT, G. 1977. Soil is what you plant in. p. 67-68.
- SCOTT, J.D. 1977. Powered site preparation equipment. p. 42.
- SMITH, R.P. 1977. Preliminary planning for planting in Thunder Bay District. p. 61-62.
- WEIHER, H. 1977. Operation planning for planting in Thunder Bay District. p. 63-64.
- WYNIA, A. 1977. Monitoring nursery shipping stock. p. 105.
- YEATMAN, C.W. 1977. Seed origin--first, last, and always. p. 22-23.

- For. Tech. Rep. 5 Proceedings of a Workshop on Forest Fertilization  
in Canada (1974)
- ARMSON, K.A. 1974. Predictive techniques in relation to growth and  
development of conifers. p. 17-21.
- BEATON, J.D. 1974. Fertilizer supplies and the energy crisis. p. 65-75.
- CROWN, M. 1974. Fertilizer application on an operational scale.  
p. 93-99.
- DIXON, R.M. 1974. What the forest manager wants to know about fertiliza-  
tion. p. 23-26.
- GAGNON, J.D. 1974. Results of fertilizer experiments in Quebec.  
p. 83-91.
- LEAF, A.L. 1974. Where are we in forest fertilization? p. 1-5.
- RENNIE, P.J. 1974a. Forest fertilization research in Canada. p. 7-15.
- RENNIE, P.J. 1974b. Summary and conclusions of the workshop. p. 101-103.
- WEETMAN, G.F., KRAUSE, H.H., TIMMER, V.R. and HOYT, J.S. 1974. Some  
fertilizer response data for the Maritimes and parts of Quebec.  
p. 77-82.

## APPENDIX B

Internal and File Reports, compiled by staff members of the Great Lakes Forest Research Centre but not issued as regular publications, are listed below.

- CAFLEY, J.D. and PUNTER, D. 1966. Treatment of white pine blister rust by antibiotic fungicides: testing of Acti-dione (Cycloheximide) and Phytoactin 1960-1961. Intern. Rep. 0-2A. 18 p.
- DORWORTH, C.E. 1971. Predisposition of red pine seedlings to infection and colonization by *Scleroderris lagerbergii* Gremmen through changes in soil nutrition. Intern. Rep. 0-34. 9 p.
- EK, A.R. 1969. A comparison of some estimators in forest sampling. Intern. Rep. 0-16. 68 p. + Appendices.
- ELLIS, R.C. 1971. An examination of timber stand improvement treatments in some southern Ontario hardwood stands. Intern. Rep. 0-32. 12 p.
- FOGAL, W.H. 1976. Endocrine investigations during development of the adult female European pine sawfly, *Neodiprion sertifer* (Geoff.). File Rep. 10 p.
- GARDINER, L.M. 1969. Immature stages and biology of eastern Canadian Cerambycidae (Coleoptera) in the Sault Ste. Marie collection. Intern. Rep. 0-14. 109 p.
- GRIFFITHS, K.J. 1967. The importance of coincidence in entomophagous insects with particular reference to certain parasites of *Neodiprion sertifer* (Geoff.). Intern. Rep. 0-2B. 141 p.
- GRIFFITHS, K.J. 1972. A summary of interactions between some of the parasites of the European pine sawfly *Neodiprion sertifer* (Geoff.). Intern. Rep. 0-36. 17 p.
- GRIFFITHS, K.J. 1973. The biology of three species of *Euxenterus* and simulation studies of the interactions between them and their host, *Neodiprion sertifer* (Geoff.). Intern. Rep. 0-39. 55 p.
- HAAVISTO, V.F. 1967. Phenology of spruce and associated vegetation. Intern. Rep. 0-4. 7 p. + Appendix.
- HAIG, R.A. 1972. Assessment of factors affecting the survival of tubed seedlings Cupa Lake, Ontario 1967-1970. Intern. Rep. 0-35. 20 p.
- HAIG, R.A., KINGHORN, J.M., POULIOT, J.-M. and SCOTT, J.D. 1976. Forestation in the Soviet Union. (Report on a technology exchange visit May 29 - June 12, 1976). File Rep. 23 p. + Figures.

Internal and File Reports (cont'd)

- HAIG, R.A. and CURTIS, F.W. 1970. Reducing canopy density of mature hardwoods Goulais River area, 1966-68. Intern. Rep. 0-24. 12 p.+ illus.
- HARVEY, G.T. and STEHR, G. 1971. Experiments on field hybridization between western *Choristoneura occidentalis* Freeman males and native populations of eastern spruce budworm, *Choristoneura fumiferana* (Clem.) Freeman. Intern. Rep. 0-28. 75 p.
- HEGYI, F. 1969. A study of basic density variation in jack pine. Intern. Rep. 0-17. 29 p. + Appendices.
- HEGYI, F., FOSTER, N.W., MORRISON, I.K., HEIBERG-IÜRGENSEN, K. and WINSTON, D.A. 1971. Northern Ontario pulpwood fertilization program: Dryden-Sioux Lookout field experiments, 1969. Intern. Rep. 0-30. 13 p. + Appendix.
- HORTON, K.W. 1967. Experimental treatments for release and weevil control in understorey white pine. Intern. Rep. 0-7. 4 p.
- JEGLUM, J.K. 1970a. Growth and nutrient uptake of black spruce and jack pine seedlings in water cultures with controlled oxygen levels. Intern. Rep. 0-20. 15 p. + Appendix.
- JEGLUM, J.K. 1970b. The effect of pH, form of nitrogen, and antibiotics on the growth of conifer seedlings in water culture. Intern. Rep. 0-21. 9 p. + Appendix, illus.
- KIRBY, C.S. and HARNDEN, A.A. 1967. Aerial spraying of Phosphamidon to control the European pine sawfly in pine plantations in southern Ontario, 1966. Intern. Rep. 0-5. 13 p., + illus.
- LYONS, L.A. 1969. The use of acetone-soluble dyes for age-identification of sawfly cocoons in the soil. Intern. Rep. 0-13. 15 p., + illus.
- LYONS, L.A. 1972. Studies on the possibility of controlling *Neodiprion sertifer* (Geoff.) by altering the sex ratio: an assessment of mating and oviposition ability. Intern. Rep. 0-37. 10 p.
- MAYVILLE, P.N. 1967. A study of the growth and spread of some peat mosses Project 0-36. Intern. Rep. 0-3. 4 p., illus.
- MORRISON, I.K. and WINSTON, D.A. 1970. Foliar element levels in semi-mature jack pine in four areas of northern Ontario. Intern. Rep. 0-22. 7 p.
- MORRISON, I.K., FOSTER, N.W. and WINSTON, D.A. 1975. Northern Ontario pulpwood fertilization project: Black Sturgeon Lake field experiments, 1972. File Rep. 11 p., illus.

Internal and File Reports (cont'd)

- MYERS, W.L. 1970. An IBM 1130 version of Marquardt's algorithm for estimation of nonlinear parameters. Intern. Rep. 0-18. 60 p.
- RILEY, L.F., CURTIS, F.W. and HAIG, R.A. 1969. An operational trial of mechanized row seeding of white pine and jack pine, North Bay District, Ontario. Intern. Rep. 0-12. 8 p.
- ROSE, A.H., BRICAULT, F.A. and HARNDEN, A.A. 1969. A review and assessment of the *Dimorphopteryx* sawfly problem on yellow birch in central Ontario (Hymenoptera: Tenthredinidae). Intern. Rep. 0-15. 18 p. + illus.
- SANDERS, C.J. 1967. Spruce budworm sampling at Black Sturgeon Lake, Ontario 1946 to 1966. Intern. Rep. 0-6. 62 p.
- SANDERS, C.J. 1975. Spruce budworm larval and adult sampling at Black Sturgeon Lake, Ontario, 1961 - 1974. File Rep. 19 p.
- SANDERS, C.J. and HARVEY, E.T. 1975. Climate and spruce budworm outbreaks in Ontario, 1930 - 1970. File Rep. 11 p. + Figures.
- SMITH, L.F.R. 1967. A study of planting methods for black spruce on a typical lowland site in the Ontario Clay Belt. Intern. Rep. 0-8. 14 p. + Figures.
- SMYTH, J.H. 1977. Public revenue generated by the forest industry in Ontario, 1970-1973. File Rep. 22 p. + Appendix.
- STANEK, W. 1970. Peatland fertilization. A brief literature review. Intern. Rep. 0-23. 20 p.
- STOCKS, B.J. 1971. Analysis of the Fire Weather Index in Ontario. Intern. Rep. 0-25. 11 p. + Figures.
- STOCKS, B.J. 1971. Development of a jack pine slash burning index in Ontario. Intern. Rep. 0-29. 11 p.
- SUTTON, R.F. 1968. Ecology of young white spruce (*Picea glauca* [Moench] Voss). Intern. Rep. 0-10. Vols. I, II, III. 500 p.
- SYME, P.D. 1968. Studies on *Orgilus obscurator*, a parasite of the European pine shoot moth, from 1964 to 1967. Intern. Rep. 0-11. 46 p. + Figures.
- SYME, P.D. 1971. Studies on *Hyssopus thymus*, a parasite of the European pine shoot moth, from 1964 to 1969. Intern. Rep. 0-33. 31 p.
- SYME, P.D. 1974. Studies on the European pine shoot moth and its parasites from 1964 to 1970. Intern. Rep. 0-40. 59 p.

Internal and File Reports (cont'd)

- THOMAS, J.B. 1970. Bark beetle problems in pine plantations. Intern. Rep. 0-19. 8 p.
- THOMAS, J.B. and SULLIVAN, C.R. 1971. Preliminary results of cold-hardiness tests of *Scolytus multistriatus* (Marsham). Intern. Rep. 0-26. 6 p.
- THOMAS, J.B. 1972. Insect vectors of Dutch elm disease chiefly *Hylurgopinus rufipes* (Eichh.). Intern. Rep. 0-38. 19 p.
- VINCENT, A.B. 1965. Studies of a deteriorating peatland area in the Ontario clay belt. Intern. Rep. 0-1. 28 p.
- VON ALTHEN, F.W. 1968. Spacing trials in a black walnut plantation. Intern. Rep. 0-9. 28 p.
- WALKER, J.D. 1971. Three 1970 fires in Geraldton Forest District. Intern. Rep. 0-27. 7 p.
- WINSTON, D.A. and HEGYI, F. 1971. Northern Ontario pulpwood fertilization program: Chapleau field experiments, 1970. Intern. Rep. 0-31. 9 p. + Appendix.

## APPENDIX C

[Information] Reports published by the Great Lakes Forest Research Centre are listed below in sequential order.

- 0-X-1 LINZON, S.N. 1965a. Semimature-tissue needle blight of eastern white pine and local weather. Dep. For. Rur. Dev., Maple, Ont. 8 p.
- 0-X-2 VON ALTHEN, F.W. 1965a. Hardwood plantations of southern Ontario. Dep. For. Rur. Dev., Maple, Ont. 44 p. (issued in French as Dep. For. Rur. Dev. Publ. No. 1242F).
- 0-X-3 VAARTAJA, O. 1965. Biological control of seedling diseases in nursery soils. Dep. For. Rur. Dev., Maple, Ont. 11 p.
- 0-X-4 This number was not used.
- 0-X-5 MILLER, W.J. 1965. Status of insects in Lindsay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A11-18 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-6 LIVESEY, F. 1965. Status of insects in Tweed District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A22-29 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-7 HOOK, J. 1965. Status of insects in Kemptville District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A33-39 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-8 WEIR, H.J. 1965. Status of insects in the Pembroke District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. Inf. Rep. 0-X-8. p. A41-48 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-9 HARNDEN, A.A. 1965. Status of insects in Lake Simcoe District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B16-25 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-10 BOWSER, R.L. 1965. Status of insects in the Lake Huron District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B29-36 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-11 TRINNELL, J.R. 1965. Status of insects in the Lake Erie District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B39-45 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-12 MACLEOD, L.S. 1965. Status of insects in the North Bay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E5-11 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-13 BARNES, C.A. 1965. Status of insects in the Parry Sound District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. C14-22 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.

[Information] Reports (continued)

- 0-X-14 MCPHEE, H.G. 1965. Status of insects in the Sault Ste. Marie District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D13-18 *in* Annual Report Forest Insect and Disease Survey Ontario 1965.
- 0-X-15 MCPHEE, J.R. 1965. Status of insects in the Sudbury District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D20-25 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-16 ROPKE, D. 1965. Status of insects in the Chapleau District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D29-35 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-17 TRIESELMANN, R.A. 1965. Status of insects in the Chapleau District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D38-48 *in* Annual Report Forest Insect and Disease Survey Ontario 1965.
- 0-X-18 CONSTABLE, D.C. 1965. Status of insects in the White River District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D50-58 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-19 FOSTER, H.R. 1965. Status of insects in the Cochrane District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E8-18 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-20 ATKINSON, G.T. 1965. Status of insects in the Kapuskasing District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E20-31 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-21 APPLEJOHN, M.J. 1965. Status of insects in the Swastika District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E32-40 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-22 HALL, K.C. 1965. Status of insects in the Port Arthur District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. F8-17 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-23 JANSONS, V. 1965. Status of insects in the Geraldton District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. F19-24 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-24 BUCHAN, P.E. 1965. Status of insects in the Sioux Lookout District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G13-20 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-25 JACKSON, G.G. 1965. Status of insects in the Kenora District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G23-29 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.

[Information] Reports (continued)

- 0-X-26 THOMSON, M.J. 1965. Status of insects in the Fort Frances District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G33-39 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1965.
- 0-X-27 ROSE, A.H. 1966. The insect collection of the Forest Insect and Disease Survey in Ontario. Dep. For. Rur. Dev., For. Br., Sault Ste. Marie, Ont. 46 p.
- 0-X-28 VON ALTHEN, F.W. 1966. Effect of planting stock size and cultivation on silver maple and white ash establishment. Dep. For. Rur. Dev., Maple, Ont. 11 p.
- 0-X-29 VINCENT, A.B. 1966a. A better seedbed for black spruce on peatlands. Dep. For. Rur. Dev., Maple, Ont. 8 p.
- 0-X-30 MACDONALD, J.E. and HALL, K.C. 1966. Forecasts of forest tent caterpillar damage in Ontario in 1966. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. 8 p.
- 0-X-31 WANG, B.S.P. and HORTON, K.W. 1966. Trials of underplanting in hardwoods. V-blade scarifier proves most efficient. Dep. For. Rur. Dev., Maple, Ont. 10 p.
- 0-X-32 VINCENT, A.B. 1966b. Improving black spruce seed collection. Dep. For. Rur. Dev., Maple, Ont. 8 p.
- 0-X-33 EVERT, F. 1967. Total cubic foot variable-density yield table for black spruce in the Ontario Clay Belt. Dep. For. Rur. Dev., For. Res. Lab., Maple, Ont. 35 p.
- 0-X-34 MILLER, W.J. 1966. Status of insects in Lindsay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A9-21 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-35 LIVESEY, F. 1966. Status of insects in Tweed District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A22-33 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-36 HOOK, J. 1966. Status of insects in Kemptville District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A34-42 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-37 TRIESELNANN, R.A. 1966. Status of insects in the Pembroke District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A43-56 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-38 HARNDEN, A.A. 1966. Status of insects in Lake Simcoe District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B15-26 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.

[Information] Reports (continued)

- 0-X-39 BOWSER, R.L. 1966. Status of insects in the Lake Huron District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B27-38 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-40 TRINNELL, J.R. 1966. Status of insects in the Lake Erie District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B39-47 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-41 MACLEOD, L.S. 1966. Status of insects in the North Bay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. C7-17 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-42 BARNES, C.A. 1966. Status of insects in the Parry Sound District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. C18-30 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-43 MCPHEE, H.G. 1966. Status of insects in the Sault Ste. Marie District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D11-18 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-44 MCPHEE, J.R. 1966. Status of insects in the Sudbury District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D19-28 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-45 ROPKE, D. 1966. Status of insects in the Chapleau District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D29-38 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-46 INGRAM, W. 1966. Status of insects in the Gogama District in 1966. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D39-47 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-47 CONSTABLE, D.C. 1966. Status of insects in the White River District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. D48-56 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-48 FOSTER, H.R. 1966. Status of insects in the Cochrane District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E9-22 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-49 ATKINSON, G.T. 1966. Status of insects in the Kapuskasing District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E23-29 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-50 APPLEJOHN, M.J. 1966. Status of insects in the Swastika District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. E30-41 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.

[Information] Reports (continued)

- 0-X-51 HALL, K.C. 1966. Status of insects in the Port Arthur District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. F8-17 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-52 JANSONS, V. 1966. Status of insects in the Geraldton District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. F18-26 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-53 BUCHAN, P.E. 1966. Status of insects in the Sioux Lookout District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G12-26 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-54 WEIR, H.J. 1966. Status of insects in the Kenora District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G27-36 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-55 THOMSON, M.J. 1966. Status of insects in the Fort Frances District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. G37-44 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1966.
- 0-X-56 KIRBY, C.S. 1967. Termites in Ontario, with particular reference to the Toronto region. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. 30 p.
- 0-X-57 THOMSON, M.J. 1967. Status of insects in the Lindsay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A8-18 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
- 0-X-58 LIVESEY, F. 1967. Status of insects in Tweed District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A19-35 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
- 0-X-59 APPLEJOHN, M.J. 1967. Status of insects in Kemptville District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. A36-51 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
- 0-X-60 BOWSER, R.L. 1967. Status of insects in Lake Simcoe District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B9-23 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
- 0-X-61 ATKINSON, G.T. 1967. Status of insects in the Lake Erie District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B24-35 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
- 0-X-62 JANSONS, V. 1967. Status of insects in the Geraldton District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. B36-46 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.

[Information] Reports (continued)

- 0-X-63 MACLEOD, L.S. 1967. Status of insects in the North Bay District. Dep. For. Rur. Dev., Sault Ste. Marie, Ont. p. C8-18 *in* Annual District Reports Forest Insect and Disease Survey Ontario 1967.
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