

CATALOGUE OF THE CULTURE COLLECTION

AT THE

MARITIMES FOREST RESEARCH CENTRE

SUPPLEMENT 1

by

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MARITIMES FOREST RESEARCH CENTRE

FREDERICTON, NEW BRUNSWICK

INFORMATION REPORT M-X-45

CANADIAN FORESTRY SERVICE

Department of the Environment

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Abstract

Supplement 1 to the Catalogue of the Culture Collection at the Maritimes Forest Research Centre (Magasi, 1971. Can Forest. Serv. Inform. Rep. M-X-26) lists 125 new isolates added to and 8 isolates lost from the collection between October 1971 and March 1974.

Résumé

Le Premier supplément au Catalogue de la collection de cultures au Centre de recherches forestières des Maritimes (Magasi, 1971, Rapport d'information M-X-26 du Service canadien des forêts) énumère 125 nouveaux isolats et 8 isolats perdus, ce entre octobre 1971 et mars 1974.

INTRODUCTION

A collection of identified fungous isolates maintained in the Maritimes Forest Research Centre at Fredericton, N. B., provides a source of known fungi for various mycological and pathological investigations and serves as an aid in identification work.

This is the first supplement to the Catalogue of the Culture Collection at the Maritimes Forest Research Centre (Magasi 1971. Maritime Forest Research Centre, Inform., Rep. M-X-26). It covers additions and deletions from 6 October 1971 to 31 March 1974. During this period, 125 new isolates were added (pages 2 to 10) and 8 isolates were lost (page 11).

As in the original catalogue, the following information is given on each isolate:

1. Reference culture number.
2. Type of isolation - coded as follows:
 - F - Sporophore tissue culture,
 - T - Host tissue culture,
 - P - Polysporous culture,
 - M - Monosporous culture,
 - X - Other (Specified under remarks).
3. Year of isolation.
4. Location of collection - Province in Canada, State in United States, or country of origin (see Appendix of M-X-26 for abbreviations).
5. Source of culture (see Appendix of M-X-26 and page 12 of this report for coding).
6. Host.
7. Name of person responsible for identification or confirmation.
8. Isolate number at originating institution and remarks - in the second line, under host.

CULTURES ADDED

Agarius sp.

605 ? ? CUNY ? ?
Cornell No. T-767

Alternaria tenuis Auct. Am.

582 T ? Que. CRFQ Abies balsamea Etheridge, D.E.
641 T 1973 N.B. CFSF Pinus resinosa Magasi, L.P.

Amanita caesarea (Scop. ex Fr.) Pers. ex Schw.

606 ? ? ? CUNY ? ?
Cornell No: T-702

Amanita muscaria (L. ex Fr.) Pers. ex Gray

607 ? ? ? CUNY ? ?
Cornell No. T-701

Amanita phalloides (Vaill. ex Fr.) Secr.

608 ? ? ? CUNY ? ?
Cornell No. T-678

Amanita rubescens (Pers. ex Fr.) Gray

609 ? ? ? CUNY ? ?
Cornell No. T-703

616 ? ? ? FPLB Pinus virginiana #8 ?

Amylostereum chailletii (Pers. ex Fr.) Boidin

555 M 1969 N.B. CFSF Abies balsamea Magasi, L. P.
556 M 1969 N.B. CFSF Abies balsamea Magasi, L.P.
557 M 1969 N.B. CFSF Abies balsamea Magasi, L.P.
558 M 1969 N.B. CFSF Abies balsamea Magasi, L.P.
559 M 1969 N.B. CFSF Abies balsamea Magasi, L.P.
560 P 1969 N.B. CFSF Abies balsamea Magasi, L.P.

Armillaria mellea (Vahl. ex Fr.) Kummer

564 T 1967 N.B. CFSF Abies balsamea Sterner, T.
581 T 1972 N.S. CFSF Ulmus americana Magasi, L.P.

Ascocalyx abietina (Lagerb.) Schlapfer

635 ? ? ? CFSS *Abies alba* ?
CBS-942.70

Ascocalyx abietis Naum.

636 ? 1934 Can. CFSS *Abies balsamea* Graves, J.W.
CBS-111.36

638 ? 1966 Can. CFSS ? Graves, J.W.
DAOM-114754

Aureobasidium pullulans (dBy) Arnaud

624 T 1973 N.B. CFSF *Pinus resinosa* Magasi, L. P.

Boletus edulis Bull. ex Fr.

610 ? ? ? CUNY ? ?
Cornell No. T-649

Botryobasidium vagum (Berk. & Curt.) Rogers

590 T ? Que. CRFQ Unknown Etheridge, D.E.

Cenangium ferruginosum Fr.

643 T 1973 N.S. CFSF *Pinus thunbergii* Magasi, L. P.

644 T 1973 N.S. CFSF *Pinus resinosa* Magasi, L.P.

645 T 1973 N.S. CFSF *Pinus strobus* Magasi, L.P.

646 T 1973 N.S. CFSF *Pinus contorta* Shoemaker, R.A.

647 T 1973 N.S. CFSF *Pinus resinosa* Shoemaker, R.A.

648 T 1973 N.S. CFSF *Pinus sylvestris* Shoemaker, R.A.

649 T 1973 N.B. CFSF *Pinus resinosa* Magasi, L. P.

650 T 1973 N.B. CFSF *Pinus sp.* Magasi, L. P.

651 T 1971 N.B. CFSF *Pinus sylvestris* Magasi, L. P.

652 T 1973 N.S. CFSF *Pinus strobus* Shoemaker, R.A.

Cenececcum graniforme (Sow.) Ferd. & Winge

623 ? ? ? ULQ ? Fortin, J. A.

Cephalosporium sp. (Fungus F)

578 T 1970 N.B. CFSF *Abies balsamea* Basham, J.T.

Ceratocystis piceae (Munch.) Bakshi

583 T ? Que. CRFQ *Abies balsamea* Etheridge, D.E.

662 T 1971 N.B. CFSF *Abies balsamea* Malloch, D.
DAOM 145434

663 T 1971 N.B. CFSF *Abies balsamea* Malloch, D.
DAOM 145435

664 T 1971 N.B. CFSF *Abies balsamea* Malloch, D.
DAOM 145433

665 T 1970 N.B. CFSF *Abies balsamea* Malloch, D.
DAOM 145436

Ceratocystis ulmi (Buism.) C. Moreau

579 T 1972 N.S. CFSF *Ulmus americana* Magasi, L.P.

580 T 1972 N.S. CFSF *Ulmus americana* Magasi, L. P.

Clitopilus (Paxillus) prunulus (Scop. ex Fr.) Quel.

611 ? ? ? CUNY ? ?
T-679

Coniophora puteana (Schum. ex Fr.) Karst.

561 T 1967 N.B. CFSF *Abies balsamea* Sterner, T.

565 T 1956 Alta. CFSF *Picea glauca* Whitney, R. D.

569 T 1956 Que. CRFQ *Abies balsamea* Smerlis, E.

Coriolellus serialis (Fr.) Murr

625 T 1973 N.S. CFSF *Picea* sp. Ginns. J.H.
Ginns X988

Coryne sarcoides (Fr.) Bon.

575 T 1970 N.B. CFSF *Abies balsamea* Pirozynski, K.A.

596 T ? Que. CRFQ *Abies balsamea* Etheridge, D. E.

Dacrymyces palmatus (Schw.) Bres.

584 F ? Que. CRFQ *Abies balsamea* Etheridge, D. E.

Dermea piceina Groves

585 T ? Que. CRFQ Abies balsamea Etheridge, D. E.

Eccilia housei?

612 ? ? ? CUNY ? ?
Cornell No. T-605

Endogone pubescens (Sacc. & Ellis) Zycha

627 T 1972 NS CFSF Pinus resinosa Shoemaker, R. A.
DAOM 143825

Epicoccum nigrum Link

586 T ? Que. CRFQ Abies balsamea Etheridge, D.E.

Fusarium oxysporum Schlecht.

597 T ? Que. CRFQ Abies balsamea Etheridge, D.E.

Fuscoboletinus aeruginascens (Secr.) Pomerleau & Smith.

633 ? ? ? U.L.Q. ? ?
AF-69

Fuscoboletinus sinuspaulianus Pomerleau & Smith

631 ? ? ? ULQ ? ?
AF-41

Gliocladium roseum (Link) Bainier

603 T 1970 N.B. CFSF Picea abies Pirozynski, K.A.
DAOM 141305

Hyalodendron sp.

601 ? 1970 N.B. CFSF Air contaminant Pirozynski, K.A.

Snocybe lacera (Fr.) Quel.

613 ? ? ? CUNY ? ?
Cornell No. T-831

Kirschteiniella thujina (Peck) Pomerleau & Etheridge

587 T ? Que. CRFQ Abies balsamea Etheridge, D.E.

<i>Laccaria laccata</i> (Scop. ex Fr.) Berk. & Br.							
614	?	?	?	CUNY	?		?
							Cornell No. T-816
<i>Lactarius deliciosus</i> (L. ex Fr.) Gray							
615	?	?	?	CUNY	?		?
							Cornell No. T-680
<i>Leccinum aurantiacum</i> (Bull.) S.F. Gray							
620	?	?	?	ULQ	?		Fortin, J. A.
							AF-5
<i>Leucostoma kunzii</i> (Fr.) Munk							
588	T	?	Que.	CRFQ	Abies balsamea		Etheridge, D.E.
<i>Odontia bicolor</i> (Alb. & Schw. ex Fr.) Qué1							
563	T	1967	N.B.	CFSF	Abies balsamea		Sterner, T.
567	T	1957	Sask	CFSF	Picea mariana		Whitney, R.D.
571	T	1966	Que.	CRFQ	Abies balsamea		Lachance, D.
<i>Paecilomyces nariote</i> Bainier							
626	T	1973	N.S.	CFSF	Picea sp.		Pirozynski, K.A.
							DAOM 143212
<i>Penicillium thomii</i> Marie							
589	T	?	Que.	CRFQ	Abies balsamea		Etheridge, D.E.
<i>Peniophora septentrionalis</i> Laurila							
591	T	?	Que.	CRFQ	Abies balsamea		Etheridge, D.E.
							215
<i>Pestalotia</i> sp.							
598	?	?	Que.	CRFQ	Abies balsamea		Etheridge, D.E.
<i>Phialophora melinii</i> (Nannf.) Conant							
666	T	1971	N.B.	CFSF	Abies balsamea		Pirozynski, K.A.
							DAOM 145442
667	T	1971	N.B.	CFSF	Abies balsamea		Pirozynski, K.A.
							DAOM 145443
<i>Phialophora</i> sp.							
576	T	1970	N.B.	CFSF	Abies balsamea		Pirozynski, K.A.

Phytophthora cinnamomi Rands

545 ? ? ? CDAF ? Hodgson, W.

Phytophthora infestans (Mont.) de Bary

544 ? ? ? CDAF ? Hodgson, W.

Polyporus adustus Willd. ex Fr.

592 T 1965 Que. CRFQ Abies balsamea Etheridge, D.E.

Polyporus balsameus Peck

562 T 1967 N.B. CFSF Abies balsamea Sterner, T.

566 T 1938 B.C. CFSF Tsuga heterophylla Whitney, R.D.

572 T 1968 Que. CRFQ Abies balsamea Morin, L.

Polyporus tomentosus Fr.

599 T 1972 N.S. CFSF Picea glauca Newell, W.R.

Pythium debaryanum Hesse

546 ? ? ? CFSF ? Vaartaja, O.
Vaartaja - 9194

Pythium irregulare Buism.

547 ? ? ? CFSF ? Vaartaja, O.
Vaartaja - 8685

Pythium mamillatum Meurs

548 ? ? ? CFSF ? Vaartaja, O.
Vaartaja - 9359-B

Pythium rostratum Butler

554 ? ? ? CFSF ? Vaartaja, O.
Vaartaja - 9465-A

Pythium salpingophorum Drechsler

549 ? ? ? CFSF ? Vaartaja, O.
Vaartaja - 9458

Pythium sp.

550 T 1970 N.S. CFSF Picea glauca Wall, R.E.
Wall - 18

551 T 1970 N.S. CFSF Picea glauca Wall, R.E.
Wall - 20

Pythium sp.

- 552 T 1970 N.S. CFSF Pinus sylvestris Wall, R.E.
Wall - 23
- 553 T 1970 N.B. CFSF Picea mariana Wall, R.E.
Wall - 50

Rhinocladiella elatior Mang.

- 574 T 1969 N.B. CFSF Abies balsamea Pirozynski, K.A.

Rhizoctonia praticola

- 593 ? ? Que. CRFQ ? ?

Rhizopogon roseolies Tul.

- 642 ? ? ? FPLB Pinus virginiana ?
#83

Russula emetica (Schaeff. ex Fr.) Pers ex Fr.

- 617 ? ? CUNY ?
Cornell No. T - 590

Schizophyllum commune FR.

- 594 S ? Que. CRFQ Abies balsamea O'Neill
359QC

Scleroderris callanigera (Karst.) Nannf.

- 639 ? ? ? CFSS Erica carnea Muller, E.
CBS - 164 - 66

Scleroderris dennisii E. Muller & Hutter

- 640 ? ? ? CFSS Erica arborea Muller, E.
CBS - 174.66

Scleroderris fuliginosa (Fr.) Karst.

- 637 ? ? ? CFSS Salix appendiculata Muller, E.
CBS - 162.66

Scleroderris lagerbergii Gremmen

- 658 ? 1970 Ont. CFSS Pinus devaricata Dorworth, C.E.
SC - 28
- 660 ? 1972 Ont. CFSS Pinus nigra Dorworth, C.E.
SC - 46
- 657 ? 1970 Ont. CFSS Pinus sylvestris Dorworth, C.E.
SC - 23

Scleroderris lagerbergii Gremmen

543	T	1971	N.B.	CFSF	Pinus resinosa	Magasi, L.P.
600	T	1972	N.S.	CFSF	Pinus resinosa	Magasi, L.P.
655	?	1968	Ont.	CFSS	Pinus resinosa SC - 1	Dorworth, C.E.
656	?	1968	Ont.	CFSS	Pinus resinosa SC - 5	Dorworth, C.E.
659	?	1971	Ont.	CFSS	Pinus resinosa SC - 40	Dorworth, C.E.

Scleroderris ribis (Fr.) Lind

634	?	?	?	CFSS	Ribes petraeum CBS - 163.66	Muller, E.
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Scytinostroma galactina (Fr.) Donk

568	T	1957	Sask.	CFSF	Picea mariana	Whitney, R.D.
570	T	1957	Que.	CRFQ	Abies balsamea	Morin, L.

Sporothrix sp.

604	T	1971	NS	CFSF	Pinus resinosa	Pirozynski, K.A.
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Stemphylium consortiale (Thüm.) Groves & Skolko

595	?	?	Que.	CRFQ	Abies balsamea 225	Etheridge, D.E.
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Suillus albidipes (Peck) Sing.

618	?	?	?	CUNY	?	?
					Cornell No. T - 602	

Suillus brevipes (Peck) O. Kuntze

619	?	?	?	CUNY	?	?
					Cornell No. T - 829	

Suillus granulatus (L. ex Fr.) Kuntze

628	?	?	?	ULQ	?	Fortin, J.A.
					AF - 8	

Suillus grevillei (Klotzsch) Singer

- 621 ? ? ? CUNY ? ?
Cornell No. T - 601
- 632 ? ? ? ULQ ? Fortin, J.A.
AF - 61

Suillus lakei (Murr.) A.H. Smith & Thiers

- 622 ? ? ? CUNY ? ?
Cornell No. T - 633

Suillus luteus (Fr.) G. F. Gray

- 629 ? ? ? ULQ ? Fortin, J.A.
AF - 15

Thysanophora penicillioides (Roum.) Kendrick

- 577 T 1971 N.B. CFSF *Abies balsamea* Kendrick, B.

Trichoderma album Pressus

- 654 T 1973 Sweden BI *Hordeum* sp. Richard, J.

Trichoderma viride Pers. ex Fr.

- 653 T 1973 Sweden BI *Hordeum* sp. Richard, J.

Tricholoma aurantium (Schaeff. ex Fr.) Ricken.

- 630 ? ? ? ULQ ? Fortin, J.A.
AF - 21

Verticillium sp. 2

- 573 T 1969 N.B. CFSF *Abies balsamea* Pirozynski, K.A.
- 602 T 1969 N.B. CFSF *Abies balsamea* Pirozynski, K.A.
DAOM 145441

Zygorhynchus heterogamous (Vuill.) Vuillemin

- 661 T 1973 N.S. CFSF *Pinus resinosa* Barr, D.
DAOM 145425

Cultures Lost

Aspergillus niger van Teigh.

477 X 1970 N.B. CFSF -- laboratory contaminant Magasi, L.P.

Candida albicans (Robin) Berk.

507 ? ? N.B. VPH Human infection ?

Cytospora decipiens Sacc.

429 T 1967 WV ALS *Acer saccharum* Shigo, A.L.

Phytophthora cinnamomi Rands

545 ? ? ? CDAF ? Hodgson, W.

Phytophthora lateralis Tucker & J. B. Milb.

471 ? ? ? CFSF ? ?

Polyporus dryophilus var *vulpinus* (Fr.) Overh.

169 F 1962 Que. DAOM *Populus* sp. Macrae, R.
72766

New Sources of Cultures:

BI - Jacques Richard, Bio Innovation, ABBINAAB, Sweden.

CDAF - Canada Department of Agriculture, Fredericton, N. B.

CUNY - Cornell University, New York.

FPLB - Forest Physiology Laboratory, (USDA), Beltsville, Maryland.

ULQ - Université de Laval, Quebec.