

# **Collection of Phytopathogenic Fungi**

**Benaki Phytopathological Institute  
List of Strains, August 2008**

## **Συλλογή Φυτοπαθογόνων Μυκήτων**

**Μπενάκειο Φυτοπαθολογικό Ινστιτούτο  
Κατάλογος Στελεχών, Αύγουστος 2008**

**Curator (Mycology): Dr Kalomira Elena, Head Research Scientist**

**Υπεύθυνη Συλλογής Μυκήτων : Δρ Καλομοίρα Ελένα, Τακτική Ερευνήτρια Α**

**The electronic register of data was taken by: Dr K. Elena and technician S. Migardou with the help of E. Gouleta and Z. Kandianou.**

**The strains are listed under their scientific names in alphabetical order. The list includes strains registered at BPIC until August 2008 (lost not included).**

**The scientific names are as initially identified, except for some cases where the changes were necessary.**

Η ηλεκτρονική καταχώρηση των στοιχείων έγινε από τους: Δρα Κ. Ελένα και την Τεχνική Βοηθό Σ. Μιγκάρδου με τη βοήθεια της Ε. Γουλέτα και της Ζ. Κανδιάνου.

Τα στελέχη παρατίθενται με τα επιστημονικά τους ονόματα σε αλφαβητική σειρά. Περιέχονται τα στελέχη τα οποία έχουν καταχωρηθεί στη συλλογή BPIC έως τον Αύγουστο του 2008 (δεν συμπεριλαμβάνονται τα απωλεσθέντα).

Τα επιστημονικά ονόματα των ειδών έχουν παραμείνει όπως αρχικά προσδιορίστηκαν, εκτός ελαχίστων περιπτώσεων όπου οι αλλαγές ήταν επιβεβλημένες.

## Abbreviations (συντομογραφίες)

**Example (παράδειγμα):**

*Phytophthora capsici* Leonian<sup>1</sup>

1131<sup>2</sup> =MPHI 267<sup>3</sup>; stem base and fruit of *Capsicum annuum*<sup>4</sup>; Greece, Drama<sup>5</sup>; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA<sup>6</sup> > 22 °C<sup>7</sup>; pres: AG & AG, MO > 22 °C.

<sup>1</sup>Scientific name, including authority (επιστημονικό όνομα συμπεριλαμβανομένου και του συγγραφέα)

<sup>2</sup>Accession number in the Collection (αριθμός εισόδου στη συλλογή)

<sup>3</sup>Accession number in other Collections (αριθμός εισόδου σε άλλες συλλογές)

<sup>4</sup>Host or substrate (ξενιστής ή υπόστρωμα)

<sup>5</sup>Locality (τοποθεσία)

<sup>6</sup>Recommended media for growth (συνιστώμενα υλικά για ανάπτυξη)

<sup>7</sup>Temperature for growth (θερμοκρασία ανάπτυξης)

cond: conditions for growth (συνθήκες ανάπτυξης)

det: determinant (αυτός που προσδιόρισε το στέλεχος)

hist: history of the strain (ιστορία του στελέχους)

isol: isolator (αυτός που απομόνωσε το στέλεχος)

pres: preservation methods, AG: agar slands; MO: under mineral oil; LY: lyophilization; SOIL: sterilized soil (μέθοδοι συντήρησης, AG: υπόστρωμα με βάση το άγαρ· MO: κάτω από παραφινέλαιο· LY: λυοφιλίωση· SOIL: αποστειρωμένο χώμα)

redet: redeterminator (αυτός που επαναπροσδιόρισε το στέλεχος)

Symbol > : sent to or at (το σύμβολο > σημαίνει το έστειλε ή το έδωσε ή στους)

CMA: Corn-Meal-Agar

PDA: Potato-Dextrose-Agar

ATCC: American Type Culture Collection (Αμερικανική συλλογή καλλιεργειών)

ATHUM:University of Athens-Culture Collection of Fungi (συλλογή καλλιεργειών Πανεπιστημίου Αθηνών)

BPIC: acronym of the Benaki Phytopathological Institute Collections (ακρωνύμιο συλλογών του Μπενακείου Φυτοπαθολογικού Ινστιτούτου)

CBS: Centraalbureau voor Schimmelcultures, Baarn, The Netherlands (Κέντρο Βιοποικιλότητας Μυκήτων)

CMI: CAB International Mycological Institute (Διεθνές Ινστιτούτο Μυκητολογίας)

CNRA: Centre National de Recherche Agronomique (Εθνικό Κέντρο Αγροτικής Έρευνας)

K.E: K. Elena Collection (συλλογή Κ. Ελένα)

MPHI: the old acronym of the Benaki Phytopathological Institute Collections (το παλιό ακρωνύμιο συλλογών του Μπενακείου Φυτοπαθολογικού Ινστιτούτου)

## List of cultures

### *Absidia blakesleeana* Lendner

- 1324 =MPHI 28; fruit of *Olea europaea*; Greece, Crete; isol. V. Kouyeas, 1961; det. V. Kouyeas, 1961; hist: V. Kouyeas > 1961, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Alternaria alternata* (Fr.) Keissl. pv. *citri*

- 2596 =K.E. A4; leaf of *Citrus reticulata* (Mineola); Greece, Igoumenitsa, Kestrini; isol. K. Elena 2004; det. K. Elena 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22 °C; pres: AG, MO > 4°C.

- 2597 =K.E. A9; fruit of *Citrus reticulata* (Mineola); Greece, Igoumenitsa, Kestrini; isol. K. Elena 2004; det. K. Elena 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Alternaria radicina* Meier, Drechsler & Eddy

- 1325 =MPHI 317; seeds of *Daucus carota*; imported; isol. D. Laskaris, 1984; det. D. Laskaris & CMI 1984; hist: D. Laskaris > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Alternaria tomato* (Cooke) Brinkman

- 1326 =MPHI 258; fruit of *Lycopersicon esculentum*; Greece, Crete; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: PDA > 22 °C; pres: AG, MO > 4°C.

### *Armillaria mellea* (Vahl : Fries) Kummer

- 1327 =MPHI 57; roots of *Olea europaea*; Greece, Thassos; isol. A. Chitzanidis, 1961; det. A. Chitzanidis, 1961; hist: A. Chitzanidis > 1961, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 1328 =MPHI 120; root of *Malus sylvestris*; Greece, Kalambaka; isol. A. Chitzanidis, det. A. Chitzanidis; hist: A. Chitzanidis > MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 2515 basidioma of *Armillaria mellea* on *Abies chephalonica*; Greece, Parnassos; isol. K. Elena, 2003; det. P. Tsopelas, 2003; hist: K. Elena > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Ascochyta hortorum* (Spegazzini) Smith

- 1329 =MPHI 77; flower heads of *Cynara scolymus*; Greece, Crete; isol. A. Pappas, 1974; det. A. Pappas, 1974; hist: A. Pappas > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Ascochyta lentis* Bondarzeva-Monteverde & Vassiljevsky

- 1330 =MPHI 269; leaf and stem of *Lens culinaris*; Greece, Thiva; isol. K. Elena, 1979; det. K. Elena, 1979; hist: K. Elena > 1979, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Aspergillus flavus* Link : Fries

- 1332 hist: CNRA, Versailles > 1970, N. Panayiotarou > 1970, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

### *Aspergillus niger* van Tieghem

- 1970 =P-86/ATHUM 4742; Air; Greece, Attiki, Athens; isol. Ioanna Pyrri, 1998; det. Ioanna Pyrri, 1998; hist: Ioanna Pyrri > Z. Gonou > 2000, E. Paplomatas > 2000, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 1971 =ATHUM 2539; Air; Greece, Attiki; isol. Z. Gonou, 1987; det. Z. Gonou, 1987; hist: Z. Gonou > 2000, E. Paplomatas > 2000, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Beauveria bassiana*** (Balsamo) Vuillemin

- 1333 =MPHI 19; *Dacus oleae*; Greece, Crete; isol. V. Kouyeas, 1961; det. V. Kouyeas, 1961; hist: V. Kouyeas > 1961, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1334 =MPHI 278; *Aelia* sp.; hist: H. Pavlopoulou > 1976, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Beauveria brongniartii*** (Saccardo) Petch

- 1335 =MPHI 226; *Melolontha* sp.; hist: La Miniere France > 1975, C. Yamvrias > 1975, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Botrytis cinerea*** Persoon : Fries

- 1948 *Begonia* sp.; Greece, Attiki, Avlona; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1952 *Prunus persica*; Greece Veria; hist: isol: 1998 > 1998, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1998 shoot of *Pistacia vera*; Greece, Thiva; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2534 stem of *Actinidia chinensis*; Greece, Xanthi; isol. I. Vloutoglou, 2004; det. I. Vloutoglou, 2004; hist: I. Vloutoglou > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2585 *Lactuca sativa*; Greece, Fokida; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Botrytis gladiolorum*** Timmermans

- 1338 =MPHI 319; leaf of *Gladiolus* sp.; Greece, Trizinia; isol. I. Vloutoglou, 1984; det. I. Vloutoglou, 1984; hist: I. Vloutoglou > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Botrytis squamosa*** Walker

- 1339 =MPHI 311; leaf of *Allium cepa*; Greece, Thiva; isol. A. Pappas, 1983; det. A. Pappas, 1983; hist: A. Pappas > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Camarosporium pistaciae*** Zachos et al.

- 1341 =MPHI 329; fruit of *Pistacia vera*; Greece, Nafplio; isol. I. Vloutoglou, 1985; det. I. Vloutoglou, 1985; hist: I. Vloutoglou > 1985, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1955 *Pistacia vera*; Greece, Aegina; isol. A. Chitzanidis, 1998; det. A. Chitzanidis, 1998; hist: A. Chitzanidis > 1998, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1956 *Pistacia vera*; Greece, Thessaloniki; isol. A. Chitzanidis, 1998; det. A. Chitzanidis, 1998; hist: A. Chitzanidis > 1998, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2630 =K.E. Ca5; *Pistacia vera*; Greece, Fthiotida, Makrakomi; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2631 =K.E. Ca11; *Pistacia vera*; Greece, Thiva; isol. K. Elena, 2002; det. K. Elena, 2002; K. hist: Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2632 =K.E. Ca14; *Pistacia vera*; Greece, Thiva; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2633 =K.E. Ca15; *Pistacia vera*; Greece, Megara; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cephalosporium acremonium*** Corda

1342 =MPHI 13; hist: CBS > 1957, D. Zachos > 1957, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cephalosporium chrysanthemi*** D. Zachos *et al.*

1344 =MPHI 5; authentic strain, *Chrysanthemum* sp.; Greece, Attiki; isol. D. Zachos, 1960; det. D. Zachos, C.G. Panagopoulos, P. Constandinou, 1960; hist: D. Zachos > 1960, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Ceratocystis platani*** (Walker) Engelbrecht & Harrington

2542 stem wood of *Platanus orientalis*; Greece, Messinia, Platania; isol. P. Tsopelas, 2004; det. P. Tsopelas, 2004; hist: P. Tsopelas > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cercospora beticola*** Saccardo

1348 =MPHI 70; leaf of *Beta vulgaris*; Greece, Thessaloniki; isol. K. Polychronopoulos, 1972; det. K. Polychronopoulos, 1972; hist: K. Polychronopoulos > 1972, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Coniella granati*** (Saccardo) Petrak & Sydow

2593 fruit of *Punica granatum*; Greece, Serres; isol. G. T. Tziros, 2006; det. G. T. Tziros, K. Klonari, 2006; hist: G. T. Tziros > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cryphonectria parasitica*** (Murrill) M.E. Barr

1365 =MPHI 333; *Castanea sativa*; Greece, Arta; isol. K. Elena, 1988; det. K. Elena, 1988; hist: K. Elena > 1988, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2586 *Castanea sativa*; Greece, Larisa; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cryptosporella umbrina*** (Jenkins) Jenkins & Wehmeyer

1969 canes of *Rosa* spp.; Greece, Pella, Kria Vrissi; isol. E. Paplomatas, 2000; det. E. Paplomatas, 2000; hist: E. Paplomatas > 2000, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Cylindrocarpon destructans*** (Zinssmeister) Scholten

1356 =MPHI 337; *Saintpaulia* sp.; Greece; isol. A. Pappas; det. A. Pappas; hist: A. Pappas > MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1357 =MPHI 289; petiole, leaf, stem base of *Saintpaulia* sp.; Greece; isol. A. Pappas, 1983; det. A. Pappas, 1983; hist: A. Pappas > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2599 =K.E. C8; wood of 41B (*Vitis vinifera* x *Vitis berlandieri*) roostock rooted cutting; Greece, Nemea; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2600 =K.E. C13; wood of 41B (*Vitis vinifera* x *Vitis berlandieri*) roostock rooted cutting; Greece, Leondio, Nemea; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2601 =K.E. C17; wood of R110 (*Vitis rupestris* x *Vitis berlandieri*) roostock rooted cutting; Greece, Leondio Nemea; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2602 =K.E. C31; wood of R110 (*Vitis rupestris* x *Vitis berlandieri*) roostock rooted cutting; Greece, Nemea; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Diplodia juglandis*** Fries

1362 =MPHI 320; twig of *Juglans regia*; Greece, Arkadia; isol. D. Laskaris, 1985; det. D. Laskaris, 1985; hist: D. Laskaris > 1985, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Diplodia mutila*** (Fries) Montagne

1688 =308; branch of *Pyrus communis*; Greece, Giannitsa; isol. E. Tjamos, 1983; det. E. Tjamos, 1983; hist: E. Tjamos > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Endothia fluens*** (Sowerby) Shear & Stevens

1363 =MPHI 145; branch of *Castanea sativa*; Greece, Pieria; isol. A. Chitzanidis, 1966; det. A. Chitzanidis, 1966; hist : A. Chitzanidis > 1966, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Eremothecium coryli*** (Peglion) Kurtzman

1997 seed of *Phaseolus vulgaris*; Greece, Kavala, Chrissoupoli; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Eutypa lata*** (Persoon : Fries) L.R. Tulasne & C. Tulasne

1366 =MPHI 237; branch of *Prunus armeniaca*; Greece, Ancient Korinthos; isol. H. Kouyeas, 1975; det. H. Kouyeas, 1975; hist: H. Kouyeas > 1975, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1367 =MPHI 238; arm of *Vitis vinifera*; Greece, Attiki; isol. A. Pappas, 1975; det. A. Pappas, 1975; hist: A. Pappas > 1975, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1369 =MPHI 275; branch of *Citrus limon*; Greece, Korinthia; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; Hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fomitiporia mediterranea*** M. Fischer

2523 =K.E. Fomit1; light-colored soft wood of *Actinidia chinensis*; Greece, Katerini; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2524 =K.E. Fomit3; brown hard wood of *Actinidia chinensis*; Greece, Agrinio; isol. K. Elena, 2000; det. K. Elena 2000; hist: K. Elena > 2000, K.E.> 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2525 =K.E. Fomit8; wood of *Olea europaea*; Greece, Messinia, Gargaliani; isol. E. Paplomatas, 2000; det. E. Paplomatas, 2000; hist: E. Paplomatas > 2000, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2526 =K.E. Fomit10; wood of *Olea europaea*; Greece, Messinia, Agrili; isol. E. Paplomatas, 2001; det. E. Paplomatas, 2001; hist: E. Paplomatas > 2001, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2527 =K.E. Fomit12; wood of *Actinidia chinensis*; Italy; isol. St. Di Marco; det. St. Di Marco; hist: St. Di Marco > 2001, K. Elena > 2001, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2528 =K.E. Fomit18; wood of *Vitis vinifera*; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E.> 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 2598 =K.E. Fomit76; light-colored soft wood of *Punica granatum*; Greece, Argolida; isol. K. Elena, 2007; det. K. Elena, 2007; hist: K. Elena > 2007, K.E.> 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2613 =K.E. Fomit17; wood of *Vitis vinifera*; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2614 =K.E. Fomit68; light-colored soft wood of *Citrus limon*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2615 =K.E. Fomit22; wood of *Citrus sinensis*; Greece, Argolida; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2616 =K.E. Fomit32; light-colored soft wood of *Olea europaea*; Greece, Messinia; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2008, BPIC; cond: PDA > 22°C; AG, MO > 4°C.
- 2617 =K.E. Fomit69; light-colored soft wood of *Citrus limon*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; AG, MO > 4°C.
- 2618 =K.E. Fomit48; light-colored soft wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: cond: PDA > 22°C; AG, MO > 4°C.
- 2619 =K.E. Fomit49; brown hard wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; AG, MO > 4°C.
- 2620 =K.E. Fomit50; light-colored soft wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; AG, MO > 4°C.
- 2621 =K.E. Fomit51; brown hard wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; AG, MO > 4°C.
- 2622 = K.E. Fomit53; brown hard wood of *Citrus aurantium*; Creece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4 °C.
- 2623 = K.E. Fomit55; light-colored soft wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2624 = K.E. Fomit56; light-colored soft wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2625 = K.E. Fomit65; brown hard wood of *Citrus aurantium*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2628 = K.E. Fomit67; brown hard wood of *Citrus sinensis*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2629 = K.E. Fomit64; basidioma on *Citrus sinensis*; Greece, Argolida; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2634 = K.E. Fomit71 (M. Fischer 45123); Germany; isol. M. Fischer; det. M. Fischer; hist: M. Fischer > 2005, K. Elena > 2005, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fomitiporia punctata*** Murrill

2635 =K.E. Fomit72 (M. Fischer DAI 2727); Germany; isol. M. Fischer; det. M. Fischer; hist: M. Fischer > 2005, K. Elena > 2005, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fusarium chlamydosporum*** Wollenweber & Reinking var. *chlamydosporum*

1127 =K.E. F6; crown of *Dianthus caryophyllus*; Greece, Trizinia; isol. K. Elena, 1988; det. L. Hornok, 1988; hist: K. Elena > 1988, K.E. > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fusarium oxysporum*** f. sp. *asparagi* Cohen & Heald

2538 =K.E. F295; crown of *Asparagus officinalis*; Greece, Imathia, Arachos ; isol. K. Elena 1993; det. K. Elena, 1993; hist: K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2540 =K.E. F303; root of *Asparagus officinalis*; Greece, Imathia, Arachos ; isol. K. Elena 1993; det. K. Elena, 1993; hist: K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2541 =K.E. F331; root of *Asparagus officinalis*; Greece, Imathia, Arachos ; isol. K. Elena 1993; det. K. Elena, 1993; hist: K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2543 =K.E. F336; root of *Asparagus officinalis*; Greece, Serres; isol. K. Elena, 1994; det. K. Elena, 1994; hist: K.Elena > 1994, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2575 =K.E. F642; root of *Asparagus officinalis*; Greece, Orestiada; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K.Elena > 2003, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: SOIL > 4°C.

2603 =K.E. F657 root of *Asparagus officinalis*; imported propagation material from Germany; isol. K. Elena, 2008; det. K. Elena, 2008; hist: K. Elena > 2008, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C..

***Fusarium oxysporum*** f. sp. *basilici* Tamietti & Matta

2552 =K.E. F516; *Ocimum basilicum*; Greece, Attiki, Likovrisi; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K.Elena > 1997, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2563 =K.E. F618; *Ocimum basilicum*; Greece, Volos; isol. K.Elena, 2001, det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum*** f. sp. *canariensis* Chabaud

2580 =K.E. F649; leaf of *Phoenix canariensis*; Greece, Attiki, Glifada; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO; SOIL > 4°C.

***Fusarium oxysporum*** f. sp. *cumini* Prasad and Patel

2519 =K.E. F11; *Cuminum cyminum*; Greece, Chios; isol. A. Pappas, 1987; det. A. Pappas, 1987 ; hist: A. Pappas > 1987, K. Elena > 1987, K.E. > 2004, BPIC ; cond: PDA > 22°C ; pres: LY & SOIL > 4°C.

***Fusarium oxysporum*** f. sp. *cyclaminis* Gerlach

2551 =K.E. F514; *Cyclamen* sp.; Greece, Attiki, Peania; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2553 =K.E. F518; *Cyclamen* sp.; Greece, Attiki, Avlona; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.



***Fusarium oxysporum* f. sp. *dianthi*** (Prillieux & Delacroix) Snyder & Hansen

- 1720 =K.E. F124; stem vascular of *Dianthus caryophyllus*; Greece, Trisinia; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: AG, MO & LY & SOIL > 4°C.
- 1721 =K.E. F131; stem vascular of *Dianthus caryophyllus*; Greece, Trisinia; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: AG, MO & LY & SOIL > 4°C.
- 1722 =K.E. F147; stem vascular of *Dianthus caryophyllus*; Greece, Trisinia; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY &, SOIL > 4°C.
- 1723 =K.E. F173; stem vascular of *Dianthus caryophyllus*; Greece, Lagadas; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: AG, MO & LY & SOIL > 4°C.
- 1725 =K.E. F161; stem vascular of *Dianthus caryophyllus*; Greece, Lagadas; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 1726 =K.E. F189; stem vascular of *Dianthus caryophyllus*; Greece, Lagadas; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1727 = K.E. F210; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-E54, WILD TYPE); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1728 =K.E. F212; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-61, WILD TYPE); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1729 =K.E. F216; *Dianthus barbatus*; Israel; isol. T. Katan; det. T. Katan (FOD-E72, NitM TESTER/#66051); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1730 =K.E. F217; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-E11451, NitM TESTER/#66049); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1731 =K.E. F211; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-E85, WILD TYPE); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22 °C; pres: LY > 4°C.
- 1732 =K.E. F213; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-99, WILD TYPE); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1733 =K.E. F214; *Dianthus caryophyllus*; Israel; isol. T. Katan; det. T. Katan (FOD-E142, WILD TYPE); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 1734 =K.E. F215; *Dianthus barbatus*; Israel; isol. T. Katan; det. T. Katan (FOD-1547, WILD TYPE, ATCC#66050); hist: T. Katan > 1991, K. Elena > 1991, K.E. > 1991, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2522 =K.E. F70; stem vascular of *Dianthus caryophyllus*; Greece, Trisinia; isol. K. Elena 1990; det. K. Elena, 1990; hist: K. Elena > 1990, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2536 =K.E. F75; stem vascular of *Dianthus caryophyllus*; Greece, Crete, Sitia; isol. K. Elena 1990; det. K. Elena, 1990; hist: K. Elena > 1990, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

2571 =K.E. F636; stem vascular of *Dianthus caryophyllus*; Greece, Attiki, Marathonas; isol. K.Elena 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum* f. sp. *lycopersici* (Saccardo) Snyder & Hansen**

2550 =K.E. F500; *Lycopersicon esculentum*; Greece, Korinthia; isol. K. Elena, 1995; det. K. Elena, 1995; hist: K. Elena > 1995, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.

***Fusarium oxysporum* f. sp. *medicaginis* (Weimer) Snyder & Hansen**

2561 =K.E. F606; *Medicago sativa*; Greece, Attiki; isol. E. Tjamos, 2000; det. E. Tjamos, K. Elena, D. Antonopoulos, 2002; hist: E. Tjamos > 2000, K.Elena > 2000, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum* f. sp. *melonis* Snyder & Hansen**

1802 =K.E. F222; *Cucumis melo*; Israel; isol. J. Katan; det. J. Katan (FOM-RM2/6, Race 2, mutant NitM, VCG0135); hist: J. Katan > 1992, E. Tjamos > 1992, K. Elena > 1992, K.E. > 1992, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1803 =K.E.F223; *Cucumis melo*; Israel; isol. J. Katan; det. J. Katan (FOM-S Race 0, mutant NitM, VCG0138); hist: J. Katan > 1992, E. Tjamos > 1992, K.Elena > 1992, K.E. > 1992, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1804 =K.E. F224; *Cucumis melo*; Israel; isol. J.Katan; det. J. Katan (FOM-Smle/2, Race 1, mutant NitM, VCG01381); hist: J. Katan > 1992, E. Tjamos > 1992, K.Elena > 1992, K.E. > 1992, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1805 =K.E. F225; *Cucumis melo* Israel; isol. J. Katan; det. J. Katan (FOM-U, Race 0, mutant *nit1*, VCG0138); hist: J. Katan > 1992, E. Tjamos > 1992, K. Elena > 1992, K.E. > 1992, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2559 =K.E. F594; *Cucumis melo*; Greece, Alexandroupoli; isol. A. Pappas 1994; det. A. Pappas, K. Elena; hist: A. Pappas > 1994, K. Elena > 1994, K.E.> 2005, BPIC; cond: PDA > 22°C; pres : LY & SOIL > 4°C.

2560 =K.E. F600; *Cucumis melo*; Greece, Alexamdroupoli; isol. A. Pappas 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E.> 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum* f. sp. *niveum* (E. F. Smith) Snyder & Hansen**

2520 =K.E. F17; *Citrullus lanatus*; Greece, Kos; isol. K.Elena, 1988; det. K. Elena, 1988; hist: K.Elena > 1988, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY > 4°C.

2521 =K.E. F42; *Citrullus lanatus*; Greece, Agrinio; isol. K. Elena, 1989; det. K. Elena; hist: K. Elena > 1989, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum* f. sp. *phaseoli* Kendrick & Snyder**

1996 stem vascular of *Phaseolus vulgaris*; Greece, Kastoria; isol. J. Aspromougos, 2003; det. J. Aspromougos, 2003; hist: J. Aspromougos > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2517 =K.E. F9; *Phaseolus vulgaris*; Greece, Kavala, Chrissoupoli; isol. A. Pappas, 1993; det. A. Pappas, K.Elena; hist: A. Pappas > 1993; K. Elena > 1993, K.E. > 2004, BPIC ; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

- 2518 =K.E. F10; *Phaseolus vulgaris*; Greece, Kastoria; isol. A. Pappas, 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993; K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2554 =K.E. F549; *Phaseolus vulgaris*; isol. A. Pappas 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2555 =K.E. F550; *Phaseolus vulgaris*; isol. A. Pappas, 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2556 =K.E. F552; *Phaseolus vulgaris*; isol. A. Pappas 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2557 =K.E. F555; *Phaseolus vulgaris*; Greece, Kavala, Chrissoupoli; isol. A. Pappas 1984; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.
- 2558 =K.E. F556; *Phaseolus vulgaris*; isol. A. Pappas 1993; det. A. Pappas, K. Elena; hist: A. Pappas > 1993, K. Elena > 1993, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY & SOIL > 4°C.

***Fusarium oxysporum* f. sp. *radicis cucumerinum*** Vakal.

1968 stem base of *Cucumis sativus*; Greece, Crete; isol. E. Paplomatas, 2000; det. E. Paplomatas, 2000; hist: E. Paplomatas > 2000, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fusarium proliferatum*** (Matsushima) Nirenberg

- 1371 =MPHI 323; ear of *Zea mays*; Greece, Trikala; isol. Paplomatas, 1986; det. Paplomatas, 1986; hist: Paplomatas > 1986, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1372 =MPHI 342; root of *Asparagus officinalis*; Greece, Giannitsa; isol. K. Elena, 1990; det. K. Elena, 1990; hist: K. Elena > 1990, MPHI > 1990, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2537 =K.E. F277; crown of *Asparagus officinalis*; Greece, Trikala; isol. K. Elena 1993; det. K. Elena, 1993; hist: K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2539 =K.E. F299; crown of *Asparagus officinalis*; Greece, Imathia, Plati; isol. K. Elena 1993; det. K. Elena, 1993; hist: K. Elena > 1993, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2544 =K.E. F351; crown of *Asparagus officinalis*; Greece, Kavala; isol. K. Elena 1994; det. K. Elena, 1994; hist: K. Elena > 1994, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2545 =K.E. F430; ear of *Zea mays*; Greece, Kavala, Chrissoupoli; isol. K. Elena 1995; det. K. Elena, 1995; hist: K. Elena > 1995, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2546 =K.E. F431; crown of *Asparagus officinalis*; Greece, Kavala, Piges; isol. K. Elena 1995; det. K. Elena, 1995; hist: K. Elena > 1995, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2547 =K.E. F445; crown of *Asparagus officinalis*; Greece, Pella, Galatades; isol. K. Elena 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2004; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2548 =K.E. F454; root of *Asparagus officinalis*; Greece, Orestiada; isol. K. Elena 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.

- 2549 =K.E. F494; ear of *Zea mays*; Greece, Orestiada; isol. K. Elena 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2004, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2562 =K.E. F612; crown of *Asparagus officinalis*; Greece, Kavala, Chrissoupoli; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO & LY > 4°C.
- 2564 =K.E. F620; node of *Zea mays*; Greece, Karditsa; isol. K. Elena 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2565 =K.E. F621; root of *Zea mays*; Greece, Karditsa; isol. K. Elena 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2566 =K.E. F624; crown of *Asparagus officinalis*; Greece, Trichonida, Neapoli; isol. K. Elena. 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2567 =K.E. F626; *Asparagus officinalis*; Greece, Giannitsa; isol. K. Elena. 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2568 =K.E. F627; *Asparagus officinalis*; Greece, Trichonida, Neapoli; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2569 =K.E. F628; *Zea mays*; Greece, Serres; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2570 =K.E. F632; *Orchis* sp.; Greece, Iliia; isol. K. Elena 2002, det. K. Elena; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 4°C.
- 2572 =K.E. F638; stem of *Zea mays*; Greece, Agrinio; isol. K. Elena 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2573 =K.E. F489; stem of *Asparagus officinalis*; Greece, Kavala; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2574 =K.E. F641; crown of *Asparagus officinalis*; Greece, Orestiada; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2576 =K.E. F644; *Ophiomyia simplex* on *Asparagus officinalis*; Greece, Kavala; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2577 =K.E. F630; *Zea mays*; Greece, Serres; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2578 =K.E. F654; *Hylemyia* sp. on *Asparagus officinalis*; Greece, Evros, Vissa; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2626 =K.E. F491; stem of *Asparagus officinalis*; Greece, Kavala, Piges; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2627 =K.E. F654; crown of *Asparagus officinalis*; Greece, Orestiada; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Fusarium verticillioides*** (Saccardo) Nirenberg (see *Fusarium proliferatum*)

***Gaeumannomyces graminis*** (Saccardo) von Arx & D.L. Olivier

1375 =MPHI 285; root; United Kingdom, Bristol; isol. V. Jordan; det. V. Jordan; hist: V. Jordan > 1983, A. Pappas > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1394 =MPHI 14; United Kingdom; hist: Cambridge England > 1973, K. Balis > 1973, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Geotrichum candidum*** Link & Fries

1376 =MPHI 2; fruit of *Olea europaea*; Greece, Crete; isol. V. Kouyeas, 1961; det. V. Kouyeas, 1961; hist: V. Kouyeas > 1961, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1393 =MPHI 205; tuber of *Solanum tuberosum*; Greece, Naxos; isol. E. Tjamos, 1970; det. E. Tjamos, 1970; hist: E. Tjamos > 1970, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Gibberella fujikuroi*** (Sawada) Wollenweber

1377 CBS, p. 68/6; hist: CBS > 1954, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Gloeosporium olivarum*** Almeida

1378 =MPHI 228; fruit of *Olea europaea*; Greece, Corfu; isol. A. Pappas, 1975; det. A. Pappas, 1975; hist: A. Pappas > 1975, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1925 fruit of *Olea europaea*; Greece, Karditsa; isol. K. Elena, 1997; det. K. Elena 1997; hist: K. Elena > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Gnomonia platani*** Klebahn

1379 =MPHI 324; *Platanus orientalis*; Greece, Evia; isol. D. Laskaris, 1984; det. D. Laskaris, 1984; hist: D. Laskaris > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Helminthosporium allii*** Campanile

1959 *Allium sativum*; Greece, Thessaloniki; isol. E. Paplomatas; det. E. Paplomatas; hist: E. Paplomatas > 1998, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1960 *Allium sativum*; Greece, Thessaloniki; isol. E. Paplomatas; det. E. Paplomatas; hist: E. Paplomatas > 1998, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Macrophoma flaccida*** (Viala & Ravaz) Cavara

1384 =MPHI 297; cane of *Vitis vinifera*; Greece, Attiki, Koropi; hist: 1983 MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Monilia fructigena*** (Persoon) Persoon

1389 =MPHI 325; fruit of *Malus silvestris*; isol. I. Vloutoglou, 1986; det. I. Vloutoglou, 1986; hist: I. Vloutoglou > 1986, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Monilia laxa*** (Aderhold & Ruhland) Honey

1387 =MPHI 60; blossom and twig of *Pyrus communis*; Greece, Naoussa; isol. A. Pappas, 1973; det. A. Pappas, 1973; hist: A. Pappas > 1973, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1388 =MPHI 185; blossom and twig of *Pyrus communis*; Greece, Evia; isol. A. Chitzanidis, 1974; det. A. Chitzanidis, 1974; hist: A. Chitzanidis > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Nattrassia magniferae*** (H. Sydow & Sydow) B.C. Sutton & Dyko

1381 =MPHI 309; *Citrus sinensis*; Greece, Arta; isol. E. Tjamos, 1983; det. E. Tjamos, 1983; hist: E. Tjamos > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Omphalotus olearius*** (de Candolle : Fries) Singer

1392 =MPHI 42; root of *Olea europaea*; Greece, Evia; isol. V. Kouyeas, 1961; det. V. Kouyeas, 1961; hist: V. Kouyeas > 1961, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Ophiostoma piceae*** (Munch) H. & P. Sydow

1346 =MPHI 300; branch of *Castanea sativa*; Greece, Arkadia; isol. E. Tjamos, 1970; det. E. Tjamos, 1970; hist: E. Tjamos > 1970, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Ophiostoma ulmi*** (Buisman) Nannfeldt

1347 =MPHI 306; trunk and branch of *Ulmus* sp.; Greece; isol. E. Tjamos, 1971; det. E. Tjamos, 1971; hist: E. Tjamos > 1971, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Penicillium expansum*** Link

1395 =MPHI 1; hist: CNRA, Versailles > 1970, N. Panayiotarou > 1970, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Penicillium italicum*** Wehmer

1396 =MPHI 34; hist: CNRA, Versailles > 1970, N. Panayiotarou > 1970, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1904 TBZ-R; Citrus packinghouse air; Greece, Argolida; isol. J. Aspromougos, 1988; det. J. Aspromougos, 1988; hist: J. Aspromougos > 1988, MPHI > 1993, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Penicillium notatum*** Westling

1397 hist: CBS > 1954, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phaeomoniella chlamydospora*** (W. Gams, Crous, M.J. Wingf. et L. Mugnai) Crous et W. Gams

1993 =K.E. P1; stem wood brown discoloration of *Vitis vinifera* c.v. Roditis; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, L. Mugnai 2001; hist: K. Elena > 2001, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1994 =K.E. P2; stem wood brown discoloration of *Vitis vinifera* c.v. Roditis; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1995 stem wood brown discoloration of *Vitis vinifera* c.v. Black Korinth; Greece, Achaia, Soudaneika; isol. J. Aspromougos, 2003; det. J. Aspromougos, 2003; hist: J. Aspromougos > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2604 =K.E. P4; stem wood brown discoloration of *Vitis vinifera*, c.v. Agiorgitiko; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2605 =K.E. P6; stem wood brown discoloration of *Vitis vinifera* c.v. Agiorgitiko; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2606 =K.E. P7; stem wood brown discoloration of *Vitis vinifera* c.v. Moschato; Greece, Argolida; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 2607 =K.E. P11; stem wood of propagation material R110xRoditis; Greece, Korinthia; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2008; BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2608 =K.E. P12; stem wood brown discoloration of propagation material R110xRoditis; Greece, Korinthia; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2609 =K.E. P15; stem wood brown discoloration of *Vitis vinifera*; Greece, Zakynthos; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2610 =K.E. P16; stem wood brown discoloration of *Vitis vinifera*; Greece, Ioannina, Zitsa; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2611 =K.E. P18; stem wood brown discoloration of *Vitis vinifera*; Greece, Achaia, Akrata; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2005, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2612 =K.E. P20; stem wood brown discoloration of *Vitis vinifera*; Greece, Florina, Amynteo; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2005, K.E. > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phoma exigua*** Desmazieres

- 1667 =MPHI 327; tuber of *Solanum tuberosum*; isol. I. Vloutoglou, 1986; det. I. Vloutoglou, 1986; hist: I. Vloutoglou > 1986, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phoma tracheiphila*** (Petri) Kantschaveli & Gikachvili

- 1360 = MPHI 89; *Citrus grandis*; Greece, Almiros; isol. A. Pappas, 1972; det. A. Pappas, 1972; hist : A. Pappas > 1972, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phomopsis mali*** Roberts

- 1926 branch of *Pyrus communis*; Greece, Xylokastro; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phytophthora boehmeriae*** Sawada

- 1901 bolls of *Gossypium hirsutum*; Greece, Larissa; isol. K. Elena, 1993; det. K. Elena, 1993; hist: K. Elena > 1994, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1909 bolls of *Gossypium hirsutum*; Greece, Karditsa; isol. K. Elena, 1995; det. K. Elena, 1995; hist: K. Elena > 1995, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1923 bolls of *Gossypium hirsutum*; Greece, Karditsa; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora cactorum*** (Lebert & Cohn) Schröeter

- 1128 bark of *Prunus dulcis*; Greece, Viotia; isol. I. Theohari, 1975; det. I. Theohari, 1975; hist: I. Theohari > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1168 =MPHI 180; bark of *Prunus dulcis*; Greece, Kavala, Chryssoupoli; isol. H. Kouyeas, 1972; det. H. Kouyeas, 1972; hist: H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1169 =MPHI 147; bark of *Prunus dulcis*; Greece, Korinthia; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1170 *Fragaria* sp.; United Kingdom; isol. A. Pappas, 1977; det. A. Pappas, 1977; hist : A. Pappas > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1972 bark of *Malus sylvestris*; Greece, Tripoli; isol. K. Elena, 2000; det. K. Elena, 2000; hist: K. Elena > 2001, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora cambivora*** (Petri) Buisman

- 1173 =MPHI 192; bark of *Castanea sativa*; Greece, Kilikis; isol. E. Psarros, 1967; det. H. Kouyeas & A. Chitzanidis; hist: E. Psarros > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2582 *Castanea sativa*; Greece, Magnisia, Pilio; isol. C. Perlerou, 2002; det. H. Perlerou, 2002; hist: C. Perlerou > 2005, K. Elena > 2005, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora capsici*** Leonian

- 1131 =MPHI 267; stem base and fruit of *Capsicum annuum*; Greece, Drama; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1934 *Capsicum annuum*; Greece, Argos; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora cinnamomi*** Rands

- 1132 =MPHI 195; bark of *Castanea sativa*; isol. J. Grente, 773; hist: J. Grente > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora citricola*** Sawada

- 1175 =J. Grente, 1157; isol. J. Grente; redet. H. Kouyeas, 1968; hist: J. Grente (*Phytophthora cinnamomi*) > 1968, H. Kouyeas > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1176 =MPHI 158; *Humulus lupulus*; Greece, Larissa; isol. A. Chitzanidis, 1964; det. A. Chitzanidis, 1964; hist: A. Chitzanidis > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1177 =MPHI 139; bark of *Pistacia vera*; Greece, Korinthia; isol. H. Kouyeas, 1969; det. H. Kouyeas, 1969; hist: H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1178 =MPHI 273; fruit of *Citrus limon*; Greece, Poros; isol. A. Chitzanidis, 1975; det. A. Chitzanidis, 1975; hist: A. Chitzanidis > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1908 fruit of *Citrus limon*; Greece, Korinthia; isol. K. Elena, 1994; det. K. Elena, 1994; hist: K. Elena > 1995, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1975 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora citrophthora*** (R.E. & E.H. Smith) Leonian



- 1133 bark of *Prunus dulcis*; Greece, Preveza; isol. H. Kouyeas, 1977; det. H. Kouyeas; hist. H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1179 =MPHI 146; leaf of *Ficus elastica*; Greece, Attiki; isol. A. Pappas, 1973; det. A. Chitzanidis, 1973; hist. A. Pappas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1180 =MPHI 160; fruit of *Citrus limon*; Greece, Egion; isol. H. Kouyeas, 1967; det. H. Kouyeas, 1967; hist: H. Kouyeas > 1967, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1181 =MPHI 163; bark of *Pistacia vera*; Greece, Attiki; isol. H. Kouyeas, 1961; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1182 =MPHI 164; bark of *Pistacia vera*; Greece, Attiki; isol. A. Chitzanidis, 1967; det. A. Chitzanidis, 1967; hist : A. Chitzanidis > 1967, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1183 bark of *Prunus domestica*; Greece, Attiki; isol. H. Kouyeas, 1972; det. H. Kouyeas, 1972; hist: H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1185 root of *Cyclamen* sp.; Greece, Attiki; isol. H. Kouyeas, 1972; det. H. Kouyeas, 1972; hist: H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1186 root of *Cyclamen* sp.; Greece, Attiki; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1187 root of *Cyclamen* sp.; Greece, Attiki; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1915 bark of *Pyrus communis*; Greece, Korinthia, Sikia; isol. K. Elena, 1996; det. K. Elena, E. Paplomatas, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22 °C; pres: AG & AG, MO > 22 °C.
- 1916 bark of *Pyrus communis*; Greece, Korinthia, Sikia; isol. K. Elena, 1996; det. K. Elena, E. Paplomatas, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1967 bark of *Citrus limon*; Greece, Attiki, Ekali; isol. K. Elena, 1999; det. K. Elena, 1999; hist: K. Elena > 1999, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1974 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1976 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1977 fruit of *Citrus paradisi*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2530 fruit of *Citrus sinensis*; imported from Egypt; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora cryptogea*** Pethybridge & Lafferty

- 1184 =MPHI 174; stem base of *Solanum melongena*; Greece, Attiki; isol. A. Pappas, 1972; det. A. Pappas, 1972; hist: A. Pappas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1188 =MPHI 186; stem base of *Callistephus chinensis*; Greece, Attiki; isol. P. Kyriakopoulou, 1965; det. A. Chitzanidis and H. Kouyeas; hist: P. Kyriakopoulou > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1189 =MPHI 187, isol. G.H. Pethybridge (CBS 113.19) Type strain; hist: CBS > 1968, H. Kouyeas > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1190 =MPHI 188; *Cichorium endivia*; isol. F.J. Schwinn; hist: F.J. Schwinn > 1968, A. Chitzanidis > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1191 *Gerbera* sp.; Greece, Attiki; isol. K. Elena, 1976; det. K. Elena, 1976; hist: K. Elena > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1193 stem base of *Cucumis sativus*; Greece, Iliia; isol. H. Kouyeas, 1973; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1194 root of *Medicago sativa*; Greece, Iliia; isol. K. Elena, 1976; det. K. Elena, 1976; hist: K. Elena > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1195 bark of *Prunus dulcis*; Greece, Attiki; isol. K. Elena, 1977; det. K. Elena, 1977; hist: K. Elena > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1962 *Gerbera jamesonii*; Greece, Attiki, Marathonas; isol. K. Elena, 1998; det. K. Elena, 1998; hist: K. Elena > 1998, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1978 *Gerbera jamesonii*; Greece, Attiki, Avlona; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2592 *Gerbera* sp.; Greece, Crete, Iraklio; isol. N. Malathrakis, 2007; det. K. Elena, 2007; hist: N. Malathrakis > 2007, K. Elena > 2008, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora drechsleri* Tucker**

- 1135 =MPHI 178; stem base of *Cucumis sativus*; Greece, Drama; isol. H. Kouyeas, 1969; det. H. Kouyeas, 1969; hist: H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1196 =MPHI 153; bark of *Prunus dulcis*; Greece, Macedonia; isol. E. Psarros, 1969; det. H. Kouyeas, 1969; hist: E. Psarros > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1738 stem of *Hedera helix*; Greece, Magnissia; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora erythroseptica* Pethybridge**

- 1136 =MPHI 154; tuber of *Solanum tuberosum*; Greece, Lefkada; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1197 tuber of *Solanum tuberosum*; Greece, Fthiotida; isol. H. Kouyeas, 1971; det. H. Kouyeas, 1971; hist: H. Kouyeas > 1971, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1198 *Tulipa* sp.; Greece, Korinthia; isol. K. Elena, 1976; det. K. Elena, 1977; hist: K. Elena > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 2581 tuber of *Solanum tuberosum*; Greece, Messinia, Kalamata; isol. K. Elena, 2004; det. K. Elena, 2005; hist: K. Elena > 2005, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora megasperma* Drechsler**

- 1139 bark of *Prunus dulcis*; Greece, Attiki; isol. H. Kouyeas, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1199 =MPHI 124; root of *Olea europaea*; Greece, Thesprotia; isol. H. Kouyeas, 1963; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1200 =MPHI 170; bark of *Prunus dulcis*; Greece, Grevena; isol. H. Kouyeas, 1967; det. H. Kouyeas, 1967; hist: H. Kouyeas > 1967, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1201 =MPHI 183; stem base of *Brassica cretica* ssp. *botrytis*; Greece, Attiki; isol. S. Analytis, 1967; det. H. Kouyeas, 1967; hist: S. Analytis > 1967, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1203 =MPHI 279; bark of *Prunus armeniaca*; Greece, Ilia; isol. A. Chitzanidis, 1982; det. A. Chitzanidis, 1982; hist: A. Chitzanidis > 1982, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1204 bark of *Prunus dulcis*; Greece, Viotia; isol. H. Kouyeas, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1205 bark of *Prunus dulcis*; Greece, Attiki; isol. H. Kouyeas, 1969; det. H. Kouyeas, 1969; hist: H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1735 =MPHI 344; bark of *Actinidia chinensis*; Greece, Arta; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1736 =MPHI 345; bark of *Actinidia chinensis*; Greece, Arta; isol. K. Elena, 1991; det. K. Elena, 1991; hist: K. Elena > 1991, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1964 stem base of *Prunus dulcis*; Greece, Volos, Almiros; isol. K. Elena, 1999; det. K. Elena, 1999; hist: K. Elena > 1999, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora nicotianae* Breda de Haan**

- 1142 =MPHI 128; *Nicotiana tabacum*; r.0 Burley; isol. J.L. Apple; hist: J.L. Apple > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1143 bark of *Pistacia vera*; Greece, Attiki; isol. K. Elena, 1979; det. K. Elena, 1979; hist: K. Elena > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1144 =MPHI 281; bark of *Citrus reticulata*; Greece, Attiki; isol. A. Chitzanidis, 1982; det. A. Chitzanidis, 1982; hist: A. Chitzanidis > 1982, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1206 =MPHI 126; *Nicotiana tabacum*; r.0 Flue-cured; isol. J.L. Apple; hist: J.L. Apple > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1207 =MPHI 127; *Nicotiana tabacum*; r.I Flue-cured; isol. J.L. Apple; hist: J.L. Apple > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1208 =MPHI 129; *Nicotiana tabacum*; r. I Burley; isol. J.L. Apple; hist: J.L. Apple > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1209 =MPHI 90; CBS 303.29; *Nicotiana tabacum*; isol. L.H. Leonian; det: L.H. Leonian; hist: CBS > 1963, H. Kouyeas > 1963, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1210 =MPHI 87; stem base of *Dianthus caryophyllus*; Greece, Attiki; isol. H. Kouyeas, 1972; det. H. Kouyeas, 1972; hist: H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1211 =MPHI 171; fruit of *Lycopersicon esculentum*; Greece; isol. A. Chitzanidis, 1964; det. A. Chitzanidis, 1964; hist: A. Chitzanidis > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1212 =MPHI 172; fruit of *Lycopersicon esculentum*; Greece, Attiki; isol. A. Chitzanidis, 1964; det. A. Chitzanidis, 1964; hist: A. Chitzanidis > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1238 *Dianthus caryophyllus*; Greece, Crete; isol. I. Theohari, 1975; det. I. Theohari 1975; hist: I. Theohari > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1239 *Dianthus caryophyllus*; Greece, Poros; isol. K. Elena, 1978; det. K. Elena 1978; hist: K. Elena > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1241 *Dianthus caryophyllus*; Greece, Crete; isol. A. Pappas, 1976; det. H. Kouyeas 1976; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1242 fruit of *Lycopersicon esculentum*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1243 stem of *Lycopersicon esculentum*; Greece; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1244 fruit of *Lycopersicon esculentum*; Greece; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1245 =MPHI 181; stem of *Lycopersicon esculentum*; Greece, Sparti; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1246 *Lycopersicon esculentum*; Greece, Attiki; isol. A. Pappas, 1976; det. K. Elena, 1976; hist: K. Elena > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1247 =Ben; *Lycopersicon esculentum*; Greece, Attiki; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1248 *Lycopersicon esculentum*; Greece, Crete; isol. K. Elena, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1249 *Lycopersicon esculentum*; Greece; isol. A. Pappas, 1974; det. H. Kouyeas, 1974; hist: H. Kouyeas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1250 *Lycopersicon esculentum*; Greece, Attiki; isol. E. Tzamos, 1975; det. H. Kouyeas, 1975; hist: H. Kouyeas > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1251 fruit of *Lycopersicon esculentum*; Greece, Attiki; isol. H. Kouyeas, 1974; det. H. Kouyeas, 1974; hist: H. Kouyeas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1252 *Lycopersicon esculentum*; Greece; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1253 *Lycopersicon esculentum*; Greece; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1254 =MPHI 88; tuber of *Cyclamen* sp.; Greece, Attiki; isol. V. Kouyeas, 1962; det. V. Kouyeas, 1962; hist: H. Kouyeas > 1962, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1255 *Cyclamen* sp.; Greece, Attiki; isol. I. Theohari, 1974; det. I. Theohari, 1974; hist: I. Theohari > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1256 *Cyclamen* sp.; Greece, Attiki; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1258 bark of *Pistacia vera*; Greece, Attiki; isol. I. Theohari, 1975; det. I. Theohari, 1975; hist: I. Theohari > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1259 =MPHI 137; bark of *Pistacia vera*; Greece, Attiki; isol. I. Theohari, 1973; det. I. Theohari, 1973; hist: I. Theohari > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1261 fruit of *Citrus limon*; Greece, Attiki; isol. K. Elena, 1979; det. K. Elena, 1979; hist: K. Elena > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1262 =MPHI 217; bark of *Citrus sinensis*; Greece, Argolida; isol. H. Kouyeas, 1971; det. H. Kouyeas, 1971; hist: H. Kouyeas > 1971, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1263 =MPHI 216; bark of *Citrus limon*; Greece, Attiki; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1264 =MPHI 218; fruit of *Citrus sinensis*; Greece, Etoloakarnania; isol. A. Chitzanidis, 1976; det. A. Chitzanidis, 1976; hist: A. Chitzanidis > 1976, MPHI > 1989, BPIC; cond: CMA > 22 °C; pres: AG & AG, MO > 22°C.
- 1265 =152; *Rosmarinus officinalis*; Greece, Attiki; isol. A. Pappas, 1973; det. A. Pappas, 1973; hist: A. Pappas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1266 *Rosmarinus officinalis*; Greece; isol. I. Theohari, 1974; det. I. Theohari, 1974; hist: I. Theohari > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1267 *Primula* sp.; Greece, Attiki; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1268 *Cactaceae*; Greece, Attiki; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1269 *Suculent plant*; Greece, Attiki; isol. H. Kouyeas, 1975; det. H. Kouyeas, 1975; hist: H. Kouyeas > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1270 *Gerbera* sp.; Greece, Attiki; isol. A. Pappas, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1271 =MPHI 136; *Lavandula* sp.; Greece, Attiki; isol. A. Pappas, 1973; det. A. Pappas, 1974; hist : A. Pappas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1272 *Lavandula* sp.; Greece, Attiki; isol. I. Theohari, 1974; det. I. Theohari, 1974; hist : I. Theohari > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1273 *Hedera helix*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1274 *Gloxinia* sp.; Greece, Attiki; isol. H. Kouyeas, 1974; det. H. Kouyeas, 1974; hist: H. Kouyeas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1275 *Aralia elegantissima*; Greece; isol. I. Theohari, 1974; det. I. Theohari, 1974; hist: I. Theohari > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1276 *Saintpaulia ionantha*; Greece, Attiki; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; AG & AG, MO > 22°C.
- 1277 *Saintpaulia ionantha*; Greece, Attiki; isol. K. Elena, 1976; det. K. Elena, 1976; hist: K. Elena > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; AG & AG, MO > 22°C.
- 1278 fruit of *Solanum melongena*; Greece, Etoloakarnania; isol. A. Chitzanidis; det. A. Chitzanidis; hist : A. Chitzanidis > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1279 *Cyclamen* sp.; Greece, Attiki; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1280 *Salvia* sp.; Greece, Attiki; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1281 *Anthurium* sp.; Greece; isol. K. Elena, 1980; det. K. Elena, 1980; hist: K. Elena > 1980, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1282 stem of *Musa cavendishii*; Greece, Messinia; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1920 stem of *Lycopersicon esculentum*; Greece, Karditsa; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1921 stem of *Nicotiana tabacum*; Greece, Karditsa; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1922 stem of *Lycopersicon esculentum*; Greece, Achaia, Metohi; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1932 *Lycopersicon esculentum*; Greece, Serres; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1933 stem of *Lycopersicon esculentum*; Greece, Volos; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1936 *Nicotiana tabacum*; Greece, Agrinio; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1996, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1937 *Nicotiana tabacum*; Greece, Agrinio, Chaliki; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1938 *Saintpaulia ionantha*; Greece, Attiki, Markopoulo; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1957 *Lycopersicon esculentum*; Greece, Argolida, Ag. Triada; isol. K. Elena, 1998; det. K. Elena, 1998; hist: K. Elena > 1998, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1961 stem of *Lycopersicon esculentum*; Greece, Attiki, Rafina; isol. K. Elena, 1998; det. K. Elena, 1998; hist: K. Elena > 1998, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1965 *Spathiphyllum* sp.; Greece, Evia, Istiea; isol. K. Elena, 1999; det. K. Elena, 1999; hist: K. Elena > 1999, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1966 *Spathiphyllum* sp., young plant; Greece, Evia, Istiea; isol. K. Elena, 1999; det. K. Elena, 1999; hist: K. Elena > 1999, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1973 stem of *Lycopersicon esculentum*; Greece, Viotia, Kastro; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1982 stem of *Lycopersicon esculentum*; Greece, Ilia, Lehena; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1983 stem base of *Radermachera* sp.; Greece, Attiki, Kifissia; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1984 stem base of *Dianthus caryophyllus*; Greece, Trizinia, isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2000 stem of *Lycopersicon esculentum*; Greece, Arkadia, Milia; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2501 stem base of *Nicotiana tabacum*; Greece, Xanthi, Echinis; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2502 stem base of *Vinca* sp.; Greece, Trizinia, Galatas; isol. J. Aspromougos, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2579 stem of *Protea* spp.; Greece, Trizinia; isol. E. Paplomatas, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora palmivora* (E. Butler) E. Butler**

- 1140 =MPHI 176; bud of *Cocos nucifera*; Sri Lanka; hist: H. Kröber > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1141 =MPHI 184; root of *Acacia decurrens* var. *dealbata*, rootstock *Acacia longifolia* var. *floribunda*; Greece, Attiki; isol. H. Kouyeas, 1966; det. H. Kouyeas, A. Chitzanidis, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1907 stem base of *Azalea indica*; Greece, Attiki, Markopoulo; isol. K. Elena, 1994; det. K. Elena, 1994; hist: K. Elena > 1995, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1939 *Lavandula officinalis*; Greece, Attiki, Penteli; isol. K. Elena, 1997; det. K. Elena, 1997; hist: K. Elena > 1997, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora parasitica*** Dastur (see *Phytophthora nicotianae*)***Phytophthora porri*** Foister

- 1985 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. A. Grigoriou, 2001; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1986 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. A. Grigoriou, 2001; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1987 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. A. Grigoriou, 2001; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1988 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. A. Grigoriou, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1991 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1992 stem base of *Lactuca sativa*; Greece, Attiki, Marathonas; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora primulae*** Tomlinson

- 2584 *Petroselinum crispum*; Greece, Attiki, Marathonas; isol. A. Grigoriou, 2003; det. K. Elena, 2006; hist: K. Elena > 2006, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Phytophthora syringae*** (Klebahn) Klebahn

- 1979 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1980 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2002, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1981 fruit of *Citrus limon*; imported from Turkey; isol. K. Elena, 2001; det. K. Elena, 2001; hist: K. Elena > 2001, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2514 fruit of *Citrus limon*; Greece, Evia, Kimi; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 2583 *Citrus sinensis*; Greece, Argolida; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2005, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pyrenochaeta lycopersici*** R. Schneider & Gerlach

- 1671 =MPHI 276; root of *Lycopersicon esculentum*; Greece, Preveza; isol. E. Kornaros, 1981; det. E. Kornaros, 1981; hist: E. Kornaros > 1981, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2587 *Lycopersicum esculentum*; Greece, Crete; isol. D. Laskaris, 2006; det. D. Laskaris, 2006; hist: D. Laskaris > 2006, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Pyrenochaeta terrestris*** (H. N. Hansen) Gorenz et al.

- 1930 *Allium cepa*; isol. D. Laskaris, 1996; det. D. Laskaris, 1996; hist: D. Laskaris > 1996, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Pyricularia oryzae*** Briosi & Cav.



1945 *Ctenanthe* sp.; Greece, Crete. isol. A. Pappas; det. A. Pappas; hist : A. Pappas > 1997, E. Paplomatas > 1997, BPIC; PDA > 22°C; pres: AG, MO > 4°C.

***Pythium acanthicum*** Drechsler

1149 =MPHI 26; hist: CBS > 1961, MPHI > 1989, BPIC; CMA > 22°C; pres: AG & AG, MO > 22°C.

1150 root of *Codiaeum* sp.; isol. H. Kouyeas, 1970; det. H. Kouyeas, 1970; hist: H. Kouyeas > 1970, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1260 =MPHI 96; root of *Dianthus caryophyllus*; Greece, Poros; isol. H. Kouyeas, 1969; det. H. Kouyeas, 1969; hist: H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium anandrum*** Drechsler

1151 =MPHI 101; ATCC 36692; *Tulipa* sp.; Ireland; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium aristosporum*** Vanterpool

1214 =MPHI 267; Type strain ATCC 11101; *Triticum sativum*; isol. T.C. Vanterpool; hist: ATCC > 1979, H. Kouyeas > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium butleri*** Subramaniam

1152 *Cucumis sativus*; Greece; isol. H. Kouyeas, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1215 =MPHI 69; CMI 63.578; *Cucumis sativus*; Thailand, Bangkok; isol. E.F. Vestal, 1956; hist: CMI > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1284 =MPHI 79; root of *Citrullus lanatus*; Greece, Etoloakarnania; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1285 cutting and leaf of *Codiaeum* sp.; Greece, Attiki; isol. H. Kouyeas, 1971; det. H. Kouyeas, 1971; hist: H. Kouyeas > 1971, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1286 *Beta vulgaris* var. *cicla*; Greece, Zakynthos; isol. H. Kouyeas, 1976; det. H. Kouyeas, 1976; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1287 *Amaranthus lividus*; Greece, Attiki; isol. E. Kornaros, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium catenulatum*** Matthews

1153 =MPHI 92; root of *Oryza sativa*; Greece, Arta; isol. H. Kouyeas, 1962; det. H. Kouyeas, 1962; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium coloratum*** Vaartaja

1154 =MPHI 240; Iran; isol. D. Ershad, Py23; det. H. Kouyeas, 1975; hist: D. Ershad > 1975, H. Kouyeas > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium debaryanum*** Hesse sensu Middleton

1155 =MPHI 36, ATCC 9998; isol. C. Drechsler, 843; hist: ATCC > H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1156 root of *Fragaria vesca*; Greece, Crete; isol. A. Pappas, 1974; det. H. Kouyeas, 1974; hist: A. Pappas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1216 =MPHI 91, CBS 263.30; *Nicotiana tabacum*; isol. C.P. Sideris; hist: CBS > 1963, H. Kouyeas > 1963, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1288 *Brassica cretica* ssp. *botrytis*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1289 Greece; isol. K. Balis; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1290 =MPHI 104; stem and root of *Solanum melongena*; Greece, Evia; isol. H. Kouyeas, 1970; det. H. Kouyeas, 1970; hist: H. Kouyeas > 1970, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1291 D. Ershad's isolate hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1323 =MPHI 78; Agric. Res.Inst. New Delhi G.C.671; India; redet H. Kouyeas; hist: Agricultural Research Inst. New Delhi (*Pythium paroecandrum*) > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium deliense*** Meurs

- 1220 =MPHI 47; India; isol. K. Ramakrishnan; redet H. Kouyeas; hist: K. Ramakrishnan (*Pythium indicum*) > 1972, H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium dissimile*** Vaartaja

- 1217 =MPHI 262; ATCC 16515, Type strain; seedling of *Pinus radiata*; isol. O. Vaartaja, 5699; hist: ATCC > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium echinulatum*** Matthews

- 1218 =MPHI 201; CBS 281.64; sandy soil; Australia South; isol. M. Bumbieris; hist: CBS > 1969, H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1219 =MPHI 203 CBS 556.67; isol. M.W. Dick; hist: CBS > 1969, H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1292 =MPHI 54; potato field soil; Greece, Attiki; isol. H. Kouyeas, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium heterothallicum*** Campbell & Hendrix

- 1158 =MPHI 263; ATCC 18197/CBS 450.67, Type strain; soil under *Sambucus* sp.; isol. F.F. Hendrix; hist: ATCC > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1159 =MPHI 264; ATCC 18198/CBS 451.67, Type strain; soil under *Sambucus* sp.; isol. F.F. Hendrix; hist: ATCC > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium hydnosporum*** (Montagne) Schroeter

- 1160 =MPHI 202; CBS 253.60; hist: CBS > 1969, H. Kouyeas > 1969, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium intermedium*** de Bary

- 1221 =MPHI 103; hist: Botany Dept. University of Nottingham > 1964, H. Kouyeas > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1222 =MPHI 235; ATCC 36693; tulip bulb; Ireland; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1293 root of *Dieffenbachia* sp.; Greece; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium irregulare*** Buisman

1902 cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium mamillatum*** Meurs

1162 =MPHI 97; hist: Botany Dept. University of Nottingham > 1964, H. Kouyeas > 1964, MPHI > 1989, BPIC; cond: CMA, 22°C; pres: AG & AG, MO > 22°C.

1294 =106; *Camelia* sp.; Greece, Attiki; isol. H. Kouyeas, 1966; det. H. Kouyeas, 1966; hist: H. Kouyeas > 1966, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium oligandrum*** Drechsler

1163 =MPHI 213; *Dianthus caryophyllus*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1283 =MPHI 98; isol. Botany Dept. Univ. of Nottingham; redet. H. Kouyeas, 1964; hist: Botany Dept. Univ. of Nottingham (*Pythium artotrogus*) > 1964, H. Kouyeas > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1296 root of *Cucumis sativus*; Greece, Chios; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium paroecandrum*** Drechsler

1164 =MPHI 20; ATCC 12532; corn; isol. A.L. Hooker; hist: ATCC > 1961, H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1297 =MPHI 133; CBS 157.64; loamy nursery soil; Australia South; isol. O. Vaartaja; hist: CBS > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1298 =MPHI 131; *Tulipa* sp.; Ireland; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1299 =MPHI 260; ATCC 36784; root of *Hordeum vulgare*; Greece; isol. H. Kouyeas, 1978; det. H. Kouyeas; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium periplocum*** Drechsler

1165 =MPHI 200; soil; Greece, Attiki; isol. H. Kouyeas, 1968; det. H. Kouyeas, 1968; hist: H. Kouyeas > 1968, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium perplexum*** H. Kouyeas & I. Theohari

1236 =MPHI 246; Authentic strain; *Medicago sativa*; Greece, Larissa; isol. H. Kouyeas, 1970; det. H. Kouyeas, 1970; hist: H. Kouyeas > 1970, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1237 =MPHI 48; Authentic strain; *Humulus lupulus*; Greece, Arkadia; isol. H. Kouyeas, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium pyrilobum*** Vaartaja

1166 =MPHI 265; ATCC 16516/CBS 158.64, Type strain; seedling of *Pinus radiata*; hist: ATCC > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium rostratum*** Butler

1167 =MPHI 45; soil; Greece, Viotia; isol. H. Kouyeas, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium salpingophorum*** Drechsler

1301 =MPHI 113; *Euphorbia pulcherrima*; Ireland; isol. H. Kouyeas, 1973; det. H. Kouyeas, 1973; hist: H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium scleroteichum*** Drechsler

1224 =MPHI 268; CBS 294.37; root of *Ipomaea batatas*; USA; isol. C. Drechsler; hist: CBS > 1979, H. Kouyeas > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium splendens*** Braun

1302 =MPHI 256; *Codiaeum* sp.; Greece, Attiki; isol. H. Kouyeas, 1976; det. H. Kouyeas; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1303 *Dracaena* sp.; Greece, Attiki; isol. H. Kouyeas, 1976; det. H. Kouyeas; hist: H. Kouyeas > 1976, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium sylvaticum*** Campbell & Hendrix

1225 =MPHI 107; ATCC 36695; root of *Rhododendron* sp.; Ireland; isol. F. O'Riordain; det. H. Kouyeas, 1973; hist: F. O'Riordain > 1973, H. Kouyeas > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1226 =MPHI 111; CBS 452.67, Type strain; USA, Georgia; isol. F.F. Hendrix; hist: CBS > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1227 =MPHI 112; CBS 453.67, Type strain; soil under seedling *Prunus persica*; USA, Georgia; isol. F.F. Hendrix; hist: CBS > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1305 =MPHI 108; *Dieffenbachia* sp.; Ireland; isol. F. O'Riordain; det. H. Kouyeas, 1973; hist: F. O'Riordain > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1306 =MPHI 110; seedling of *Chamaecyparis* sp.; Ireland; isol. F. O'Riordain; det. H. Kouyeas, 1973; hist: F. O'Riordain > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1307 root of *Fragaria vesca*; Greece; isol. I. Theohari, 1974; det. I. Theohari, 1974; hist: I. Theohari > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium torulosum*** Coker & Patterson

1228 =MPHI 25; CBS 316.33; grass root; Netherlands; isol. A. van Luijk; hist: CBS > 1961, H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium ultimum*** Trow

1229 =MPHI 99; hist: Botany Dept. University of Nottingham > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

- 1230 =MPHI 33; isol. A. van Luijk; redet. H. Kouyeas, 1964; hist: CBS (*Pythium debaryanum*) > 1961, H. Kouyeas > 1964, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1308 =MPHI 39; seedling root of *Gossypium* sp.; Greece, Viotia; isol. H. Kouyeas, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1309 =MPHI 239; *Gossypium* sp.; Greece, Etoloakarnania; isol. H. Kouyeas, 1974; det. H. Kouyeas, 1974; hist: H. Kouyeas > 1974, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1310 =MPHI 53; rooted cutting of *Vitis vinifera*; Greece, Larissa; isol. C.G. Panagopoulos, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1311 =MPHI 55; seedling root of *Cedrus* sp.; Greece, Attiki; isol. H. Kouyeas, 1961; det. H. Kouyeas, 1961; hist: H. Kouyeas > 1961, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1312 hist: Botany Dept. Univ. of Nottingham > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1313 root of *Cucumis sativus*; Greece, Siros; isol. H. Kouyeas, 1971; det. H. Kouyeas, 1971; hist: H. Kouyeas > 1971, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1314 root of *Citrullus lanatus*; Greece; isol. V. Tsakanikas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1315 *Nicotiana tabacum*; Greece, Argolida; isol. H. Kouyeas, 1972; det. H. Kouyeas, 1972; hist: H. Kouyeas > 1972, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1316 *Gossypium* sp.; Greece, Attiki; isol. H. Kouyeas, 1979; det. H. Kouyeas, 1979; hist: H. Kouyeas > 1979, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1317 *Actinidia* sp.; Greece, Crete; isol. H. Kouyeas, 1977; det. H. Kouyeas, 1977; hist: H. Kouyeas > 1977, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium vexans* de Bary**

- 1232 =MPHI 241; CBS 455.62; *Hydrangea* sp.; Netherlands; isol. C. Dorsman; hist: CBS > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1233 =MPHI 247; CBS 334.36; *Piper betle*; India; det. J.F. Dastur, 1935; hist: CBS > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1234 =MPHI 248; CBS 339.29; *Spinacia oleracea*; United States, Hawaii; det. C.P. Sideris, 1931; hist: CBS > H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1318 =MPHI 242; roots of *Prunus domestica* ssp. *insititia*; Greece; isol. H. Kouyeas, 1963; det. H. Kouyeas, 1963; hist: H. Kouyeas > 1963, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1319 =MPHI 243; *Phaseolus vulgaris*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.
- 1320 =MPHI 244; *Gardenia jasminoides*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1321 = D. Ershad Py33; Iran; isol. D. Ershad; det. H. Kouyeas, 1975; hist: D. Ershad > 1975, H. Kouyeas > 1975, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

1322 fruit of *Pyrus communis*; Greece, Attiki; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Pythium violae*** Chesters & Hickman

1235 =MPHI 118; CBS 159.64; nursery soil; Australia South; isol. O. Vaartaja; hist: CBS > 1973, H. Kouyeas > 1973, MPHI > 1989, BPIC; cond: CMA > 22°C; pres: AG & AG, MO > 22°C.

***Ramularia cynarae*** Saccardo

1673 =MPHI 76; leaf of *Cynara scolymus*; Greece, Crete; isol. A. Pappas, 1974; det. A. Pappas, 1974; hist: A. Pappas > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Rhizoctonia cerealis*** van der Hoeven

1674 =MPHI 286; United Kingdom, Bristol; isol. V. Jordan; det. V. Jordan; hist: V. Jordan > 1982, A. Pappas > 1982, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Rhizoctonia solani*** Kühn

2531 stem of *Solanum tuberosum*; Greece, Viotia, Thiva, Tahi; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Rhizopus stolonifer*** (Ehrenberg) Lind

1675 =MPHI 3; culture medium; isol. H. Kouyeas, 1974; det. H. Kouyeas, 1974; hist: H. Kouyeas > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1676 =MPHI 302; fruit of *Prunus armeniaca*; Greece, Korinthos; isol. I. Vloutoglou, 1983; det. I. Vloutoglou, 1983; hist: I. Vloutoglou > 1983, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Sclerotinia minor*** Jagger

1681 =MPHI 22; crown of *Lactuca sativa*; Greece, Attiki; isol. A. Pappas, 1972; det. A. Pappas, 1972; hist: A. Pappas > 1972, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1682 =MPHI 117; *Arachis hypogaea*; Greece, Arkadia; isol. A. Chitzanidis, 1964; det. A. Chitzanidis, 1964; hist: A. Chitzanidis > 1964, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1683 =MPHI 303; crown of *Arachis hypogaea*; Greece, Messinia; isol. I. Vloutoglou, 1984; det. I. Vloutoglou, 1984; hist: I. Vloutoglou > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1949 *Lactuca sativa*; Greece, Ermionida; isol. K. Elena, 1996; det. K. Elena, 1996; hist: K. Elena > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Sclerotinia sclerotiorum*** (Libert) de Bary

1950 *Cucurbita pepo*; Greece; isol. I. Vloutoglou, 1997; det. I. Vloutoglou, 1997; hist: I. Vloutoglou > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2529 stem of *Brassica oleracea*; Greece, Attiki, Avlona; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Sclerotium cepivorum*** Berkeley

1685 =MPHI 122; bulb of *Allium sativum*; Greece, Evia; isol. A. Pappas, 1974; det. A. Pappas, 1974; hist: A. Pappas > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1686 =MPHI 210; bulb of *Allium cepa*; Greece, Lakonia; isol. A. Pappas, 1972; det. A. Pappas, 1972; hist : A. Pappas > 1972, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2588 *Allium cepa*; Greece, Thiva, Mouriki; isol. K. Elena, 2006, det. K. Elena, 2006; hist: K. Elena > 2006, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Seiridium cardinale*** (Wagener) B.C. Sutton & Gibson

1354 =MPHI 233; branch of *Cupressus sempervirens*; Greece, Karystos; isol. A. Pappas, 1975; det. A. Pappas, 1975; hist: A. Pappas > 1975 MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Stemphylium botryosum*** Wallroth

1691 =MPHI 330; leaf of *Gladiolus* sp.; Greece, Nafplio; isol. I. Vloutoglou, 1984; det. I. Vloutoglou, 1984; hist : I. Vloutoglou > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1911 cladophylls and stem of *Asparagus officinalis*; Greece, Giannitsa; isol. K. Elena, 1995, det. K. Elena, 1995; hist: K. Elena > 1995, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1912 cladophylls and stem of *Asparagus officinalis*; Greece, Pella; isol. K. Elena, 1995; det. K. Elena, 1995; hist: K. Elena > 1995, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Stemphylium vesicarium*** (Wallroth) E. Simmons

1692 =MPHI 299; fruit of *Pyrus communis* cv. Passe Crassane; Greece, Alexandria; hist: 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Stigmina carpophila*** (Léveillé) M.B. Ellis

1352 =MPHI 12; *Prunus dulcis*; Greece; isol. H. Kouyeas; det. H. Kouyeas; hist: H. Kouyeas > MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Trametes hispida*** Baglietto

1694 =MPHI 66; branch of *Pyrus* sp.; Greece, Trichonida; isol. B. Anastasiadis, H. & V. Kouyeas; det. B. Anastasiadis, H. & V. Kouyeas, 1962; hist: B. Anastasiadis, H. & V. Kouyeas > 1962, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Trichoderma harzianum*** Rifai

1724 =K.E. 11; fungicide product from Israel; isol. K. Elena, 1990; det. K. Elena, 1990; hist: K. Elena > 1990, K.E.> 1991, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Trichothecium roseum*** (Persoon : Fries) Link

1695 =MPHI 338; fruit of *Cucumis melo*; Greece, Attiki; isol. A. Pappas, 1989; det. A. Pappas, 1989; hist : A. Pappas > 1989, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Verticillium dahliae*** Klebahn

1698 =MPHI 114; *Lycopersicon esculentum*; Greece, Messinia; isol. A. Pappas, 1974; det. A. Pappas, 1974; hist: A. Pappas > 1974, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1699 =MPHI 331; leaf of *Chrysanthemum* sp.; Greece, Attiki; isol. D. Laskaris, 1985; det. D. Laskaris, 1985; hist: D. Laskaris > 1985, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

1951 =E. Paplomatas 223V; *Veronica* sp.; Greece, Attiki, Perama; isol. E. Paplomatas, 1996; det. E. Paplomatas, 1996; hist: E. Paplomatas > 1997, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2503 =K.E. Vd1; branch of *Olea europaea*; Greece, Attiki, Koropi; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 2504 =K.E. Vd2; branch of *Olea europaea*; Greece, Attiki, Koropi; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2506 =K.E. Vd4; stem of *Citrus lanatus*; Greece, Iliia, Amaliada; isol. K. Elena, 2002; det. K. Elena, 2002; K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2507 =K.E. Vd5; stem of *Lycopersicon esculentum*; Greece, Karditsa, Fanari; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2509 =K.E. Vd7; stem of *Solanum tuberosum*; Greece, Attiki, Marathonas; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2510 =K.E. Vd8; stem of *Dahlia variabilis*; Greece, Volos; isol. K. Elena, 2002; det. K. Elena, 2002; hist: K. Elena > 2002, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2512 =K.E. Vd10; twig of *Prunus armeniaca*; Greece, Korinthia Klenia; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2513 =K.E. Vd11; branch of *Olea europaea*; Greece, Evia, Kimi; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2003, K.E. > 2003, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2516 branch of *Olea europaea*; Greece, Trikala; isol. K. Elena, 2003; det. K. Elena, 2003; hist: K. Elena > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2532 stem of *Cucumis melo*; Greece, Trikala, Chrisavgi; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2533 branch of *Olea europaea*; Greece, Achaia, Patra; isol. K. Elena, 2004; det. K. Elena, 2004; hist: K. Elena > 2004, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2589 *Lycopersicon esculentum*; Greece, Zakynthos; isol. K. Elena, 2006; det. K. Elena, 2006; hist: K. Elena > 2006, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2590 *Olea europaea*; Greece, Athens; isol. K. Elena, 2006; det. K. Elena, 2006; hist: K. Elena > 2006, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2594 *Solanum melongena*; Greece, Kyparissia; isol. K. Elena, 2008; det. K. Elena, 2008; hist: K. Elena > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2595 *Olea europaea*; Greece, Etoloakarnania, Katohi; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Verticillium theobromae*** (Turconi) Mason & S. Hughes

- 1701 =MPHI 277; fruit of *Musa paradisia*; Greece, Crete; isol. H. Kouyeas, 1978; det. H. Kouyeas, 1978; hist: H. Kouyeas > 1978, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 1702 =MPHI 292; fruit of *Musa paradisia*; Cyprus; isol. D. Foundas, 1984; det. D. Foundas, 1984; hist: D. Foundas > 1984, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Zygorhynchus moelleri*** Vuillemin

- 1703 =MPHI 84; *Castanea sativa*; Greece, Kozani, Polykastanon; isol. A. Chitzanidis, 1962; det. A. Chitzanidis, 1962; hist: A. Chitzanidis > 1962, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.