

# Collection of Phytopathogenic Fungi

Benaki Phytopathological Institute  
List of Strains, December 2018

## Συλλογή Φυτοπαθογόνων Μυκήτων

Μπενάκειο Φυτοπαθολογικό Ινστιτούτο  
Κατάλογος Στελεχών, Δεκέμβριος 2018

**Curator (Mycology): Dimitrios Tsirogiannis, Agriculturist**

Υπεύθυνος Συλλογής Μυκήτων : Δημήτριος Τσιρογιάννης, Γεωπόνος

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 December 2018 (lost not included).

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 Δεκέμβριο του 2017 (δεν συμπεριλαμβάνονται τα απωλεσθέντα).

## 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 παλαιό ακρωνύμιο συλλογών του Μπενακείου Φυτοπαθολογικού Ινστιτούτου)

WPC-P: World Phytophthora Genetic Resource Collection (WPC), University of California, Riverside, USA (Παγκόσμια Συλλογή Ωμομυκήτων του γένους *Phytophthora*)

## List of cultures

### ***Absidia blakesleeana*** Lendner (see ***Lichtheimia blakesleeana***)

#### ***Alternaria alternata*** f.sp. ***citri*** Solel.

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 alternata*** (Fr.) Keissl.

2691 =LF; fruit of *Eriobotrya japonica*; Greece, Thessaloniki; isol. G. Tziros; det. G. Tziros; hist: G. Tziros > 2013; BPIC > 2013; cond: PDA > 22°C; pres: AG, MO > 4°C.

2692 =L1; leaf of *Eriobotrya japonica*; Greece, Thessaloniki; isol. G. Tziros; det. G. Tziros; hist: G. Tziros > 2013; BPIC > 2013; cond: PDA > 22°C; pres: AG, MO > 4°C.

### ***Alternaria embellisia*** Woudenberg & Crous (syn. ***Helminthosporium allii***)

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.

### ***Alternaria tomato*** (Cooke) L.R. Jones

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.

### ***Apiognomonina veneta*** (Saccardo & Spegazzini) von Hohnel (syn. ***Gnomonia platani***)

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.

2639 *Platanus orientalis*; Greece, Kifisia; isol. D. Laskaris, 2009; det. D. Laskaris, 2009; hist: D. Laskaris > 2009 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 (see ***Phomopsis vexans***)

### ***Ascochyta lentis*** Bondarzeva-Monteverde & Vassiljevsky (see ***Didymella lentis***)

#### ***Aspergillus niger*** 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*** (Bals. - Criv.) Vuill.

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.

***Botryosphaeria stevensii*** Shoemaker (syn. ***Diplodia mutila***)

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.

***Botrytis cinerea*** Pers.

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.

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.

***Camarosporium pistaciae*** Zachos, Tzav. - Klon. & Roubos (see ***Neofusicoccum pistaciae***)***Cephalosporium chrysanthemi*** D. Zachos *et al.* (see ***Plenodomus chrysanthemi***)***Cephalosporium acremonium*** Corda (see ***Sarocladium strictum***)***Ceratobasidium cereale*** D.I. Murray & Burpee (syn. ***Rhizoctonia cerealis***)

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.

***Cladosporium carpophilum*** Thüm. (see ***Venturia carpophila***)***Colletotrichum acutatum*** J.H. Simmonds

2705 leaf of *Olea europaea*; Greece, Messinia; isol. C. Delis, 2017; det. C. Delis, 2017; hist: C. Delis > 2017; BPIC > 2018; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Colletotrichum coccodes*** (Wallr.) S. Hughes

2665 root of *Lycopersicon esculentum*; Greece, Leonidio; isol. I. Vloutoglou; det. I. Vloutoglou; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2673 root of *Solanum melongena*; Greece, Crete; isol. E. Kalogeropoulou, 2012; det. I. Vloutoglou; hist: I. Vloutoglou. 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

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.

***Comoclathris incompta*** (Sacc. & Martelli) Ariyaw. & K.D. Hyde (syn. ***Phoma incompta***)

2668 *Olea europea*; Greece, Thessaloniki; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Coniella granati*** (Saccardo) Petrak & Sydow (syn. ***Pilidiella granati***)

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.

2656 bark of *Punica granatum*; Greece, Pieria; isol. D. Laskaris, 2010; det. D. Laskaris, 2010; hist: D. Laskaris > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2657 bark of *Punica granatum*; Greece, Messinia; isol. D. Laskaris, 2010; det. D. Laskaris, 2010; hist: D. Laskaris > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2658 fruit of *Punica granatum*; Greece, Boiotia, Thiva; isol. D. Laskaris, 2010; det. D. Laskaris, 2010; hist: D. Laskaris > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2659 fruit of *Punica granatum*; Greece, Argolida, Drepano; isol. D. Tsirogiannis, 2010; det. D. Laskaris, 2010; hist: D. Laskaris > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2693 *Punica granatum*; Greece, Evia; isol. E. Kalogeropoulou, 2013; det. E. Kalogeropoulou, 2013; hist: E. Kalogeropoulou > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

2694 *Punica granatum*; Greece, Boiotia; isol. D. Tsirogiannis, 2013; det. D. Tsirogiannis, 2013; hist: D. Tsirogiannis > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

***Corioloopsis gallica*** (Fr.) Ryvarden (syn. ***Trametes hispida***)

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.

***Cylindrocarpon destructans*** (Zinssmeister) Scholten (see ***Ilyonectria destructans***)***Cryphonectria parasitica*** (Murrill) M.E. Barr

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.

2687 *Castanea sativa*; Greece, Chalkidiki; isol. E. Kalogeropoulou; det. E. Kalogeropoulou; hist: E. Kalogeropoulou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

***Didymella lentis*** W.J. Kaiser, B.C. Wang & J.D. Rogers (syn. ***Ascochyta lentis***)

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.

***Diplodia mutila*** (Fries) Montagne (see ***Botryosphaeria stevensii***)***Dipodascus geotrichum*** (E.E. Butler & L.J. Petersen) Arx (syn. ***Geotrichum candidum***)

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.

***Elongisporangium anandrum*** (Drechsler) Uzuhasi, Tojo & Kakish. (syn. ***Pythium anandrum***)

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.

***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.

***Eutypa lata*** (Persoon) 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

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.

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.

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.

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.

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*; 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.

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 (syn. *F. chlamydosporum* 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 chlamydosporum* var. *chlamydosporum* (see *Fusarium chlamydosporum*)**

***Fusarium fujikuroi* Nirenberg (syn. *Fusarium moniliforme*, syn. *Fusarium verticillioides*)**

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

***Fusarium moniliforme* J. Sheld. (see *Fusarium fujikuroi*)**

***Fusarium oxysporum* f.sp. *asparagi* S.I. Cohen**

- 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.

***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. *cucumerinum* J.H. Owen**

2642 *Cucumis sativus*; Greece, Limnos; isol. D. Laskaris, 2009; det. D. Laskaris, 2009; hist: D. Laskaris > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 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 > 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* 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, Trizinia; 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* 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 & AG, MO > 4°C.

***Fusarium oxysporum* f.sp. *medicaginis* 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. *melongenae* Matuo & K. Ishig.**

- 2650 *Solanum melongena*; Greece, Orestiada, Castanies; isol. I. Aspromougos; det. I. Aspromougos; hist: I. Aspromougos > 2010, BPIC; cond; PDA > 22 °C; pres: AG, MO > 4°C.

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

- 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 > 4°C.

***Fusarium oxysporum* f.sp. *niveum* 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**

- 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 proliferatum* (Matsushima) Nirenberg ex Gerlach & 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, Ilia; isol. K. Elena 2002, det. K. Elena; hist: K. Elena > 2002, K.E. > 2005, BPIC; cond: PDA > 22°C; pres: LY > 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.
- 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 fujikuroi*)**

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

- 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 (see *Dipodascus geotrichum*)**

***Globisporangium carolinianum* (V.D. Matthews) Uzuhashi, Tojo & Kakish. (syn. *Pythium catenulatum*)**

- 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.

***Globisporangium debaryanum* (R. Hesse) Uzuhashi, Tojo & Kakish. (syn. *Pythium debaryanum*)**

- 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.

***Globisporangium echinulatum*** (V.D. Matthews) Uzuhashi, Tojo & Kakish. (syn. *Pythium echinulatum*)

- 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.

***Globisporangium heterothallicum*** (W.A. Campb. & F.F. Hendrix) Uzuhashi, Tojo & Kakish. (syn. *Pythium heterothallicum*)

- 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.

***Globisporangium intermedium*** (de Bary) Uzuhashi, Tojo & Kakish. (syn. *Pythium intermedium*)

- 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.

***Globisporangium irregulare*** (Buisman) Uzuhashi, Tojo & Kakish. (syn. *Pythium irregulare*)

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

***Globisporangium mamillatum*** (Meurs) Uzuhashi, Tojo & Kakish. (syn. *Pythium mamillatum*)

- 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.

***Globisporangium paroecandrum*** (Drechsler) Uzuhashi, Tojo & Kakish. (syn. ***Pythium paroecandrum***)

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.

***Globisporangium perplexum*** (H. Kouyeas & Theoh.) Uzuhashi, Tojo & Kakish. (syn. ***Pythium perplexum***)

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.

***Globisporangium rostratum*** (E.J. Butler) Uzuhashi, Tojo & Kakish. (syn. ***Pythium rostratum***)

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.

***Globisporangium splendens*** (Hans Braun) Uzuhashi, Tojo & Kakish. (syn. ***Pythium splendens***)

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.

***Globisporangium sylvaticum*** (W.A. Campb. & F.F. Hendrix) Uzuhashi, Tojo & Kakish. (syn. ***Pythium sylvaticum***)

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.

***Globisporangium ultimum*** (Trow) Uzuhashi, Tojo & Kakish. (syn. ***Pythium ultimum***)

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 > 2 °C.

***Globisporangium violae*** (Chesters & Hickman) Uzuhashi, Tojo & Kakish. (syn. ***Pythium violae***)

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.

***Gloeosporium olivarum*** Almeida (see ***Colletotrichum coccodes***)

***Gnomonia platani*** Klebahn (see ***Apiognomonina veneta***)

***Guignardia citricarpa*** Kiely (see ***Phyllosticta citricarpa***)

***Helminthosporium allii*** Campanile (see ***Alternaria embellisia***)***Ilyonectria destructans*** (Zinssm.) Rossman, L. Lombard & Crous (syn. ***Cylindrocarpon destructans***)

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.

***Lichtheimia blakesleeana*** (Saito) Kerst., Hoffm., Walther & K. Voigt (syn. ***Absidia blakesleeana***)

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.

***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 fructicola***

2684 fruit of *Prunus persica*; Greece, Imathia, Beroia; isol. I. Vloutoglou, 2011; det. I. Bloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Monilinia fructigena*** Honey

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.

***Monilinia 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.

***Mucor moelleri*** (Vuill.) Lendn. (syn. ***Zygorhynchus moelleri***)

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.

***Musicillium theobromae*** (Turconi) Zare & W. Gams (syn. ***Verticillium theobromae***)

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.

***Natrassia mangiferae*** (H. Sydow & Sydow) B.C. Sutton & Dyko (see ***Neofusicoccum mangiferae***)***Neofusicoccum mangiferae*** (Syd. & P. Syd.) Crous, Slippers & A.J.L. Phillips (syn. ***Natrassia mangiferae***)

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.

***Neofusicoccum pistaciae*** (Zachos, Tzav. -Klon. & Roubos) Crous (syn. ***Camarosporium pistaciae***)

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.

- 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.

***Omphalotus olearius*** (de Candolle) 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) Syd. & P. Sydow (see *Pesotum piceae*)

***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.

***Pesotum piceae*** J.L. Crane & Schokn. (syn. *Ophiostoma piceae*)

- 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.

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

- 2701 *Vitis vinifera*; Greece, Kozani, Eratira; isol. E. Kalogeropoulou, 2013 ; det. E. Kalogeropoulou ; hist : E. Kalogeropoulou > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phialophora cinerescens*** (Wollenweber) van Beyma

- 2648 stem of *Dianthus caryophyllus*; Greece, Argolida, Tracheia; isol. D. Lascaris, 2009; det. D. Lascaris, 2009; hist: D. Lascaris > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phoma incompta*** Sacc. & Martelli (see *Comoclathris incompta*)

***Phoma punicae*** M.P. Srivast., Tandon, Bhargava & A.K. Ghosh

- 2663 *Punica granatum*; Greece, Xanthi; isol. D. Tsirogiannis, 2011; det. I. Vloutoglou, 2011; hist: I. Vloutoglou > 2011, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.



***Phoma tracheiphila* (Petri) Kantschaveli & Gikachvili (see *Plenodomus tracheiphilus*)*****Phomopsis actinidiae* (Henn.)**

2636 *Actinidia delisiosa*; Greece, Pella; isol. K. Elena, 2008; det. K. Elena, 2008; hist: K. Elena > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2670 *Actinidia delisiosa*; Greece, Agrinio; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2671 *Actinidia delisiosa*; Greece, Lamia, Stifaka; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phomopsis mali* Roberts (see *Phomopsis prunorum*)*****Phomopsis perniciosa* Grove**

2683 *Prunus avium*; Greece, Pella, Giannitsa; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phomopsis prunorum* (Cooke) Grove (syn. *Phomopsis mali*)**

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.

2669 *Pyrus communis*; Greece, Corinthos, Kato Trikala; isol. D. Tsirogiannis; det. D. Tsirogiannis; hist: D. Tsirogiannis > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phomopsis vexans* (Sacc. & P. Syd.) Harter (syn. *Ascochyta hortorum*)**

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.

2638 flower heads of *Cynara scolymus*; Greece, Argolida, Iria; isol. D. Laskaris, 2009; det. D. Laskaris, 2009; hist: D. Laskaris > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Phyllosticta citricarpa* (McAlpine) Aa (syn. *Guignardia citricarpa*)**

2645 fruit of *Citrus limon*; Brazil; isol. D. Laskaris, 2009; det. D. Laskaris, 2009; hist: D. Laskaris > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2661 fruit of *Citrus sinensis*; Uruguay; isol. D. Laskaris, 2010; det. D. Laskaris, 2010; hist: D. Laskaris > 2010, 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 = WPC. P19873; 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, Kilkis; 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.
- 2690 =TA1B; root of *Taxus baccata*; isol. G. Tziros; det. G. Tziros; hist: G. Tziros > 2013; BPIC > 2013; 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.
- 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.
- 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 = WPC. P19871; 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, Iliia; 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.

***Phytophthora nicotianae* Breda de Haan (syn. *Phytophthora parasitica*)**

- 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.1 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.
- 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, Iliia, 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.

***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 ramorum*** Werres, De Cook & Man in 't Veld

- 2699 *Rhododendron* sp.; Greece, Afidnes (origin Holland); isol. E. Kalogeropoulou, 2013; det. E. Kalogeropoulou, 2013; hist: E. Kalogeropoulou > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

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

- 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 = WPC. P19874; 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.

***Phytophthium vexans* (de Bary) Abad, de Cock, Bala, Robideau, Lodhi & Lévesque (syn. *Pythium vexans*)**

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.

***Pilidiella granati* (Sacc.) Aa, (see *Coniella granati*)**

***Plenodomus chrysanthemi* (Zachos, Constant. & Panag.) Gruyter, Aveskamp. & Verkley (syn. *Cephalosporium chrysanthemi*)**

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.

***Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley (syn. *Phoma tracheiphila*)**

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.

2662 branch of *Citrus limon*; Greece, Athens, K. Kifisia; isol. D. Tsirogiannis, 2011; det. I. Vloutoglou, 2011; hist : I. Vloutoglou > 2011, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2667 *Citrus limon*; Greece, Crete; isol. D. Laskaris, 2011; det. D. Laskaris, 2011; hist: D.Laskaris > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2672 *Citrus limon*; Greece, Samos, Miloi; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

2675 *Citrus cinensis*; Greece, Crete, Chania; isol. D. Tsirogiannis, 2012; det. D. Tsirogiannis, 2012; hist: D. Tsirogiannis > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

- 2686 *Citrus deliciosa*; Greece, Ioannina; isol. E. Kalogeropoulou, 2012; det. E. Kalogeropoulou, 2012; hist: E. Kalogeropoulou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2689 *Citrus limon*; Greece, Athens, N. Erithrea; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

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

- 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.

***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 (see *Elongisporangium anandrum*)

***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.
- 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 (see *Globisporangium carolinianum*)

***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*** R. Hesse (see *Globisporangium debaryanum*)

***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 (see ***Globisporangium echinulatum***)***Pythium heterothallicum*** Campbell & Hendrix (see ***Globisporangium heterothallicum***)***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 (see ***Globisporangium intermedium***)***Pythium irregulare*** Buisman (see ***Globisporangium irregulare***)***Pythium mamillatum*** Meurs (see ***Globisporangium mamillatum***)***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 (see ***Globisporangium paroecandrum***)***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 (see ***Globisporangium perplexum***)***Pythium pyrilotum*** 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 (see ***Globisporangium rostratum***)***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 *Ipomoea 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 (see ***Globisporangium splendens***)***Pythium sylvaticum*** Campbell & Hendrix (see ***Globisporangium sylvaticum***)

***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 (see ***Globisporangium ultimum***)***Pythium vexans*** de Bary (see ***Phytopythium vexans***)***Pythium violae*** Chesters & Hickman (see ***Globisporangium violae***)***Rhizoctonia cerealis*** van der Hoeven (see ***Ceratobasidium cereale***)***Rhizoctonia solani*** Kühn

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

***Sarocladium strictum*** (W. Gams) Summerb. (syn. ***Cephalosporium acremonium***)

1342 =MPHI 13; hist: CBS > 1957, D. Zachos > 1957, 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.

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

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.

2641 *Citrus bergamia*; Greece, Laconia, Grammoussa; isol. D. Laskaris, 2009; det. D. Laskaris, 2009; hist: D. Laskaris > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

***Stemphylium botryosum*** Wallroth

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 (syn. ***Wilsomomyces carpophilus***)

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.

2685 fruit of *Prunus avium*; Greece, Pella, Edessa; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

***Trametes hispida*** Baglietto (see ***Coriolopsis gallica***)***Venturia carpophila*** E.E. Fisher (syn. ***Cladosporium carpophilum***)

1350 = MPHI 245; *Prunus persica*; Greece, Veria; isol. A. Pappas, 1976; det. A. Pappas, 1976; hist : A. Pappas > 1976, MPHI > 1989, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.

***Verticillium dahliae*** Klebahn

- 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.
- 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.
- 2595 *Olea europaea*; Greece, Aitolokarnania, Katohi; isol. K. Elena, 2005; det. K. Elena, 2005; hist: K. Elena > 2008, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2646 twigs of *Prunus armeniaca*; Greece, Pella, Profitis Elias; isol. I. Vloutoglou, 2009; det. I. Vloutoglou, 2009; hist: I. Vloutoglou > 2009, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2651 *Olea europaea*; Greece, Ilia, Kallithea; isol. D. Lascaris; det. D. Lascaris; hist: D. Lascaris > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2652 *Olea europaea*; Greece, Argolida, Kranidi; isol. I. Vloutoglou; det. I. Vloutoglou; hist: I. Vloutoglou > 2010, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C.
- 2680 *Pistacia vera*; Greece, Phthiotida, Elateia; isol. I. Vloutoglou, 2012; det. I. Vloutoglou, 2012; hist: I. Vloutoglou > 2012, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C
- 2696 *Olea europea*; Greece, Loutraki (cazino); isol. E. Kalogeropoulou, 2013; det. E. Kalogeropoulou, 2013; hist: E. Kalogeropoulou > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C
- 2697 *Prunus dulcis*; Greece, Pieria, Kitros; isol. D. Tsirogiannis, 2013; det. D. Tsirogiannis, 2013; hist: D. Tsirogiannis > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C
- 2700 *Prunus persica*; Greece, Florina, Vegora; isol. D. Tsirogiannis, 2013; det. D. Tsirogiannis, 2013; hist: D. Tsirogiannis > 2013, BPIC; cond: PDA > 22°C; pres: AG, MO > 4°C

***Verticillium theobromae*** (Turconi) Mason & S. Hughes (see ***Musicillium theobromae***)***Wilsomomyces carpophilus*** (Lév.) Adask., J.M. Ogawa & E.E. Butler (see ***Stigmina carpophila***)***Zygorhynchus moelleri*** Vuillemin (see ***Mucor moelleri***)