

Phytophthora bisheria is a new species on raspberry, strawberry, and rose report Z. G. Abad and associates at USDA-APHIS-PPQ-PHP-PSPI, Beltsville; University of California, Riverside; Plant Protection Service, Netherlands; Dept. Primary Industries-Knoxfield, Australia; and North Carolina State University. (Mycologia 100:99-110, 2008)

A combination of three linked markers is useful in marker-assisted selection of the resistance gene Pm4b in breeding wheat for resistance to powdery mildew report Y. J. Yi and associates at Lanzhou University and Henan Academy of Agricultural Sciences, China; and University of Manitoba, Canada, (Plant Breed. 127:116-120, 2008)

Pseudomonas syringae pv. aesculi (horse chestnut bleeding canker) was identified by sequence homology of gene gyrase B report O. Schmidt and associates at University of Hamburg; Institute of Arboriculture; University of Applied Sciences & Arts; and Federal Biological Research Centre, Braunschweig; Germany. (For. Pathol. 38:125-128, 2008)

RNA3-encoded virus protein p25 is required to induce leaf resistance in Beta vulgaris to Beet necrotic yellow vein virus report S. Chiba and associates at Okayama University, Japan. (J. Gen Virol. 89:1314-1323, 2008)

NADPH oxidase Cpnx1 is required for Claviceps purpurea to be pathogenic report S. Giesbert and associates at Westf. Wilhelms-Universität, Germany. (Mol. Plant Pathol. 9:317-327, 2008)

Aspergillus uvarum sp. nov. was found in grape berries in Portugal, Italy, France, Israel, Greece, and Spain report G. Perrone and associates at CNR, Italy; University of Szeged and Cereal Research Co., Hungary; CBS, Netherlands; University of Denmark; and Micoteca da Universidade, Portugal. (Int. Syst. Evol. Microbiol. 58:1032-1039, 2008)

Alfalfa mosaic virus stored 2 years at -20°C lost infectivity, but adding peptone or sucrose preserved infectivity through 5 to 8 years of freezing reports F. Fukumoto at the National Agricultural Research Center, Tsukuba, Japan. (J. Gen. Plant Pathol. 74:164-170, 2008)

Three nuclear genes were found to control reproduction and galling in Meloidogyne incognita and galling in M. javanica on lima bean report P. A. Roberts and associates at University of California, Riverside and Davis. (Crop Sci. 48:553-561, 2008)

Heat shock 70 proteins can react with RNA-dependent RNA polymerases (RdRp) in Turnip mosaic virus and may be integral components of the replicase complex and may regulate potyviral RdRp functions report P. Dufresne and associates at McGill University, Canada. (Virology 374:217-227, 2008)

Agrobacterium tumefaciens-mediated gene transfer into plants is enhanced by 1-aminocyclopropane-1-carboxylate deaminase report S. Nonaka and associates at University of Tsukuba and Tohoku University, Japan. (Appl. Environ. Microbiol. 74:2526-2528, 2008)

A short ORF embedded within the P3 cistron is conserved and has a strong bioinformatics coding signature throughout the Potyviridae report B. Y.-W. Chung and associates at University College Cork, Ireland; Iowa State University; and University of Utah. (Proc. Natl. Acad. Sci. USA 105:5897-5902, 2008)