

The Bs2 resistance gene of pepper recognizes and confers resistance to strains of Xanthomonas campestris containing the corresponding avirulence gene avrBs2, report T. H. Tai and associates at the University of California, Berkeley; San Francisco State University; and the University of Florida, Gainesville. (Proc. Nat. Acad. Sci. USA 96:14153-14158, 1999)

Claviceps sorghicola sp. nov. causes ergot in sorghum and Sudan grass in Japan, according to T. Tsukiboshi and associates at the National Institute of Agro-Environmental Sciences, Tsukuba; and the National Grassland Research Institute, Nishinasuno, Japan. (Mycol. Res. 103:1403-1408, 1999)

Bromus mosaic virus RNA replication is directed by two virus-encoded proteins, and capping functions are conserved across a span of sequence divergence in the alphavirus-like superfamily, report T. Ahola and P. Ahlquist of the University of Wisconsin, Madison. (J. Virol. 73:10061-10069, 1999)

Rhododendron maximum inhibits establishment and survival of canopy tree seedlings, suggesting an allelopathic effect of litter or leachate, according to E. T. Nilsen and associates at Virginia Tech, Blacksburg, and the USDA Forest Service Research Station, Otto, North Carolina. (Am. J. Bot. 86:1597-1605, 1999)

Pseudomonas putida has genes for pyoverdine (iron source) production and uptake in cucumber rhizosphere, report J. E. Loper and M. D. Henkels of the USDA and Oregon State University, Corvallis. (Appl. Environ. Microbiol. 65:5357-5363, 1999)

The Cercospora complex of fungi has been revised with new species, new combinations, and one species reduced to synonymy by U. Braun of Martin-Luther-Universität, Halle, Germany. (Cryptogam. Mycol. 20:155-177, 1999)

Drought stress reduced total plant weight of sugar beet by 26% whether or not infected with the Beet yellows virus, according to G. R. G. Clover and associates at IACR-Broom's Barn, Bury St. Edmunds, and the University of Nottingham, Sutton Bonington, UK. (J. Agric. Sci. 133:251-261, 1999)

Scot's pine roots act as inoculum reservoirs for orchid Rhizoctonia endophytes through shared hyphal linkages in boreal forest ecosystems, report R. Sen and associates at the University of Helsinki, Finland, and the University of Guelph, Ontario, Canada. (New Phytol. 144:331-341, 1999)

A rice cysteine proteinase inhibitor gene induces resistance of transgenic tobacco to Tobacco etch virus and Potato virus Y, report R. Gutierrez-Campos and associates at the Universidad Autónoma, Aguascalientes, and Unidad Irapuato, Irapuato, Mexico. (Nature Biotechnol. 17:1223-1226, 1999)

Phytophthora infestans and P. mirabilis are separate species based on gene flow analysis of molecular markers; however, P. infestans var. mirabilis or f. sp. mirabilis are both invalid, report S. B. Goodwin and associates at USDA and Purdue University, West Lafayette, Indiana; the University of Florida, Dover; and Cornell University, Ithaca, New York. (Mycologia 91:796-810, 1999)

Heterodera glycines increased nodule number but decreased shoot weight and nitrogenase activity in a susceptible but not in a resistant soybean cultivar, report M. J. Kennedy and associates at the University of Missouri, Columbia. (J. Nematol. 31:341-347, 1999)