“Populations of *Fusarium oxysporum*”

By: Tom Gordon

Populations of *Fusarium oxysporum* found in native grassland soils persist when those soils are brought under cultivation. Most strains will colonize roots of crop plants without doing visible damage, but some will emerge as host-specific pathogens, most likely due to a chance encounter between a susceptible host and a potential pathogen. However, co-evolution with a wild relative of the affected crop plant is also possible, and this may explain the origin of a recently described pathogen affecting blackberry.

4:10 pm | September 14th, 2020 | Plant Pathology 515, Fall 2020

Zoom Link and ID: https://wsu.zoom.us/j/91621814000?pwd=MDVOY1prS0QybDRaMXNvTVNxtTS82UT09

Meeting ID: 916 2181 4000

Passcode: 5353

Call in number: 1 253 215 8782
Biographical Sketch
Thomas R. Gordon

Education
California State University, Northridge Biology B.S. 1974
California State University, Northridge Botany M.S. 1976
University of California, Davis Plant Pathology Ph.D. 1981

Current position
Distinguished Professor Emeritus of Plant Pathology, U.C. Davis

Previous appointments
Chair, Department of Plant Pathology, University of California, Davis, 2005-2013
Distinguished Professor of Plant Pathology, University of California, Davis, 2017-2019
Professor, Department of Plant Pathology, University of California, Davis, 1998-2016
Associate Professor, Department of Plant Pathology, University of California, Davis, 1996-1997
Associate Professor, Department of Plant Pathology, University of California, Berkeley, 1992-1995
Assistant Professor, Department of Plant Pathology, University of California, Berkeley, 1985-1991
Post-Doctoral Scholar, Department of Plant Pathology, University of California, Davis, 1982-1985

Research focus
The ecology and evolution of plant-associated fungi and management of plant diseases caused by fungal pathogens

Honors and Awards
Fellow of the American Phytopathological Society, 2014
UC Davis Award for Excellence in Honors Instruction, 2014
UC Davis Academic Senate Distinguished Teaching Award, 2013

Professional Service
2013 – 2019, Editorial Board, American Phytopathological Society – APS Press,
2006-2016, Editorial Board, Plant Pathology
2005- 2013, Editorial Board, Phytoparasitica
2002-2003 Senior Editor, Phytopathology
2001-2002 Associate editor, Phytopathology

Recent invited presentations
2018, Meeting of European Cooperation in Science and Technology, Lisbon, Portugal
2016, Keynote speaker, Annual Meeting of Spanish Society of Plant Pathology, Valladoid, Spain
2013, Symposium speaker, Annual meeting of American Phytopathological Society, Austin, TX
2012, Symposium speaker, Annual meeting of APS Pacific Division, Sacramento, CA
2011, North American Forest Insect Work Conference, Portland, OR
2010, European Food Safety Authority, Seville, Spain

Publications
Total since 2010: 62

Ten recent publications


