

2018 NCPDN Annual Meeting

UW Plant Disease Diagnostics Clinic Summary for 2017

Brian D. Hudelson

Department of Plant Pathology

University of Wisconsin-Madison/Extension



PDDC Summary for 2017 Silver Leaf



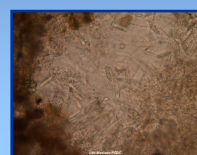
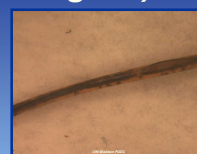
• *Chondrostereum purpureum*

PDDC Summary for 2017 Didymascella Needle Blight



• *Didymascella tetraspora*

PDDC Summary for 2017 Dooks (Canavirgella) Needle Blight



• *Lophophacidium dooksii*
(*Canavirgella banfieldii*)

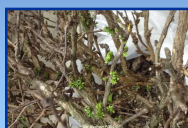
PDDC Summary for 2017 Phytoplasma Diseases



Ash Yellows



Spirea Stunt



Unknown (Barberry)



Aster Yellows

PDDC Summary for 2017 Rusts



Gymnosporangium clavipes



Uromyces appendiculatus



Puccinia coronata



Gymnosporangium juniperi-virginianae

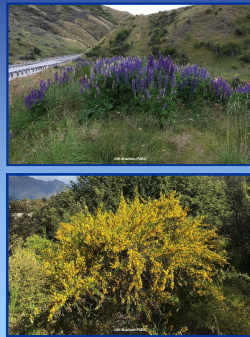


Allodus podophylli



Arthuriomyces peckianus

PDDC Summary for 2017 Something for Everyone Down Under



PDDC Summary for 2017 Clinic Update

- **Staff**
 - Brian Hudelson (Director/Diagnostician)
 - Sue Lueloff (Assistant Diagnostician)
 - Ann Joy (Data entry)
 - Dixie Lang (IT/website/social media support)
 - John Lake (Student hourly)
 - Aminata Jammeh (High school intern)

PDDC Summary for 2017 Clinic Update

- **Outreach**
 - Clinic samples
 - Total: 1445
 - Commodity type
 - Trees and shrubs: 43%
 - Vegetable: 27%
 - Fruit: 10%
 - Soil: 7%
 - Herbaceous ornamentals: 6%
 - Field and forage: 5%
 - Specialty crops: 2%



PDDC Summary for 2017 Clinic Update

- **Outreach**
 - Clinic samples
 - Molecular diagnostics
 - *Dickeya dianthicola*
 - Phytoplasmas
 - *Bretziella fagacearum*
 - *Xanthomonas* spp.
 - *Agrobacterium tumefaciens*
 - Tobacco rattle virus
 - Carlaviruses
 - *Pseudoperonospora humuli*



PDDC Summary for 2017 Clinic Update

- **Outreach**
 - Talks: 91 (19 counties)
 - Master Gardeners
 - Horticulture
 - Fruits and vegetables
 - Field and forage crops
 - Radio and television/video
 - Garden Talk (<https://www.wpr.org/>)
 - Total contacts: 302,003



PDDC Summary for 2017 Clinic Update

- **Outreach**
 - Web and social media
 - Website (<https://pddc.wisc.edu/>)
 - Fact sheet repository
 - Weekly summaries (Wisconsin Disease Almanac)
 - Monthly web articles
 - Master Gardener resource page
 - Twitter: @UWPDDC
 - Facebook: @UWPDDC
 - News from Cooperative Extension Podcasts (<https://fyi.uwex.edu/news/category/agriculture/ag-podcasts/>)



PDDC Summary for 2017 Clinic Update

• Outreach

– Fact sheets

- UW Garden Facts
- UW Farm Facts
- UW Pest Alert
- Total titles: 265
- New titles
 - Blueberry Maggot
 - Improving Cranberry Pollination
 - San José Scale



PDDC Summary for 2017 Clinic Update

• Instruction

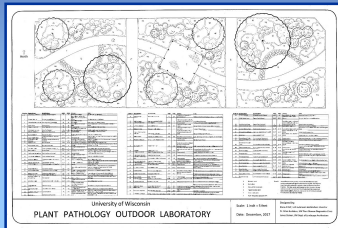
- PP699: Plant Disease Diagnostics Clinic Practicum
- PP559: Diseases of Economic Plants
- PP354: Diagnosing and Monitoring Pest and Nutrient Status of Field Crops
- PP375: “Ornamental IPM”
- Hort334: Greenhouse Production of Ornamental Plants

PDDC Summary for 2017 Clinic Update

• Instruction

– Plant Pathology Outdoor Laboratory

- James Steiner (UW-Madison)
- Diana Alfuth (UW-Extension/ UW-River Falls)



PDDC Summary for 2017 Contact the PDDC

Plant Disease Diagnostics Clinic
Department of Plant Pathology
University of Wisconsin-Madison
1630 Linden Drive
Madison, WI 53706-1598
(608) 262-2863
pddc@wisc.edu
<https://pddc.wisc.edu>
Follow on Facebook and Twitter @UWPDDC