**NE1833 Annual Meeting Report 2020**

NE-1833 Multistate Research Project Meeting

**Dates:** September 17, 2020

**Location:** Online via Zoom

**Participants:** 19

**Overview:** Because of the COVID-19 pandemic, the 2020 NE-1833 annual meeting was held virtually via Zoom. A total of 16 talks spanned topics pertaining to all three of the project’s objectives.

At the NE1833 business meeting, it was decided that the 2021 annual meeting will again be hosted by Tom Saielli and Jared Westbrook and will be held in person if possible in Charlottesville Virginia.

**Objectives of NE1833:**

**Objective 1:**Develop and evaluate disease-resistant chestnuts for food and fiber through traditional and molecular approaches that incorporate knowledge of the chestnut genome.

**Objective 2:**Evaluate biological approaches for controlling chestnut blight from the ecological to the molecular level by utilizing knowledge of the fungal and hypovirus genomes to investigate the mechanisms that regulate virulence and hypovirulence in *C. parasitica*.

**Objective 3:**Investigate chestnut reestablishment in orchard and forest settings with special consideration of the current and historical knowledge of the species and its interaction with other pests and pathogens.

**Reports:**

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| **Name** | **Topic** | **Institution** | **Time** | **Title** |
| Tom Saielli | Welcome | TACF | 8:30 AM |  |
| Brad Hillman | Intro and Biz | Rutgers | 8:35 AM |  |
| Brad Hillman | Fungus | Rutgers | 8:50 AM |  |
| Matt Kasson | Fungus | WVU | 9:25 AM |  |
| Andrew Newhouse | TG | SUNY-ESF | 9:45 AM |  |
| Thomas C Klak | TG | UNE | 10:00 AM | Transgenic Chestnut Pollen Production under High-Lights & Field Pollination at the University of New England |
|  | **BREAK** |  | **10:20 AM** |  |
| Dana Nelson | Genetics | USFS | 10:35 AM | UK-SRS Forest Health Center Update—genome/cytogenome, resistance gene mapping, and species determination |
| Fred Hebard | Genetics | TACF | 10:50 AM |  |
| Jared Westbrook | Genetics | TACF | 11:15 AM |  |
|  | **OVERAGE** |  | **11:50 AM** |  |
|  | **LUNCH BREAKOUTS** | | **12:00 PM** |  |
| Alex Sandercock | Genetics | Virginia Tech | 1:00 PM | Landscape Genomics of American chestnut |
| Hill Craddock | Genetics | UT-C | 1:20 PM | The Chattanooga Report |
| Steven Jeffers | Pc | Clemson | 1:45 PM |  |
| Ellen Crocker | TreeSnap | UK | 2:05 PM |  |
|  | **BREAK** |  | **2:20 PM** |  |
| Monique Sakalidis | Nuts | MSU | 2:35 PM | Updates on chestnut research at Michigan State University |
| Stacy Clark, Scott Schlarbaum, Leila Pinchot | Forest | USFS / UT | 3:10 PM |  |
| Sara Fitzsimmons | Forest | TACF / PSU | 3:35 PM | Ecological Studies on American chestnut hybrids |
| Chuck Ray | Wood | Penn State | 3:55 PM |  |
|  | **OVERAGE / SOCIALIZATION** | | **4:10 PM** |  |
|  | **END** |  | **5:00 PM** |  |