

**SPRING 2020: S&T ZOOM MEETING**  
**CHAT ROOM DISCUSSION**  
**THURSDAY, MARCH 26, 2020**

**1:00 PM (EST) MEETING RECORDING BEGINS**

00:47:26 Ross: vote to approve

01:02:05 Hill Craddock: Folks need to keep muted unless speaking

01:06:46 Nathan Cude: can you swap displays?

01:52:31 Tom Klak: Jared: Given constraints on resources (human, equipment, financial), how is TACF Central deciding how resources are distributed between the breeding and biotech approaches?

01:54:15 Bruce Levine: Can we address the problem of possible loss of American growth habit by using Chinese sources of resistance that are already timber-type? Is TACF interested in incorporating such Chinese trees into the program?

01:55:19 Nathan Cude: Is there a CRISPR system already developed for inserting genes to chestnut?

01:56:22 Paul Sisco: There are impressive 70-year-old Chinese Chestnut trees in the canopy competing with tulip poplar at the Bent Creek Experimental Forest in Asheville

01:57:01 Yvonne Federowicz: Chapters have numerous Chinese trees in our various orchards, and there are Chinese trees that have grown "wild" near the coast here for decades as well.

01:57:18 Yvonne Federowicz: Can we get genotyping of those in a useful way?

01:58:52 Yvonne Federowicz: (To possibly determine which ones are useful to include in our program)

01:58:53 doug7: I know of three Chinese chestnut trees near Whittakers, NC that are tall and two with good leaders some 60 feet tall.

02:00:01 dananelson: Would it be possible/worthwhile to systematically screen the Chinese chestnut germplasm in the US now for growth rate and tree form?

02:00:08 doug7: There is a grove of Chinese chestnut trees in the Croatoan Forest in eastern NC.

02:01:46 doug7: What about Japanese chestnut trees doing well in eastern states and elsewhere.

02:04:28 Hill Craddock: I need to sign off

02:04:40 Hill Craddock: Good job

02:04:49 Kendra Collins: bye Hill!

02:05:29      brian mccarthy:      Thanks Jared!

02:06:18      fredhebard:      For Jared, how do signatures of selection and heterozygote preference fit into your data?

02:33:04      doug7: Doug Gillis talked with Rex Mann on Monday. Great conversation we had. He is actively working on a promising project.

02:33:09      brian mccarthy:      Thanks Sara!

02:34:13      Yvonne Federowicz:      Sending some of Sara's presentation to Chapters could be helpful

02:35:08      Sara Fitzsimmons:      hey Yvonne -- would be happy to do it. I think we'll post that with a recording of the meeting shortly after today.

02:35:39      Yvonne Federowicz:      Thanks Sara!

02:35:40      Tom Klak:      To Jared and/or Sara: Help us understand how sporulation is a criterion for blight extent, at the same time the blight reproduces as a saprotroph on the Transgenic & Chinese chestnuts without killing them.

02:38:36      Dennis Liu:      What a great group to see during these times! It is springtime and beautiful out there, despite the crisis. I just visited a MD survivor tree off Berryville Farm Road. Our beautiful resilient world. I have to sign off, Regards, Dennis

02:38:56      Kendra Collins:      bye Dennis!

02:46:44      Tom Klak:      second!

**END OF MEETING**