



THE
AMERICAN
CHESTNUT
FOUNDATION®

CHESTNUT CHAT SERIES: Chat Room
CHAT # 39: *Chestnut Pollen Collection, Processing & Storage*
DATE : Friday, May 19, 2023

Attendee	Question/Comment
Margaret Allen:	Is it acceptable to take pictures?
Douglas Bowman:	Gonna have my bot take meeting notes
Douglas Bowman:	https://zoom.beurl.com/
Douglas Bowman:	I am using this app from Zoom. Let me know if you want a copy.
Sim Hitzel:	This is the first pic of female flower I've seen at ACF! Nice!
Lucas Clemente:	Can Darling 58 trees be pollinated by Chinese Chestnuts, and vice versa?
Kendra Collins:	Hey Folks - if you have questions please put them in the Q&A so we don't lose track of them. They quickly get buried in the chat. Thanks!
Jeff Mitchell:	has the 58 been approved
George Chestnut:	Congratulations Cassie on acceptance of your new position. Happy to you know that your on the job experience has been retained by TACF :)
Sim Hitzel:	Hannah is working out of her closet... LOL
Margaret Allen:	Wow! I didn't know Drierite was still available - what a blast from the past!
Sim Hitzel:	It seems pretty safe to rely on cannabis industry to pick wavelengths, and ya'll can focus on genomes! lol
Sim Hitzel:	Sorry, Have to drop! Great to check in with ACF! (I'm in GA now instead of NJ.)
Margaret Allen:	Dessication time?
Margaret Allen:	Awesome photography! :)
George Chestnut:	It is great to have SUNY ESF represented. Thank you Hannah Pilkey!
Fred Behringer:	Does pollen fall off the slide during storage, does it help to store slides horizontally?
Kendra Collins:	Also - to processing multiple pollens - you can pop a bag of catkins in the fridge for a bit while you process a different source
Margaret Allen:	Sounds like a great Entomology student project!
Kendra Collins:	Nice article on the chestnut bee in the newest issue of Chestnut :)



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Catherine Martini:	There is a Chestnut Bee that is endangered and was recently found in some orchards in Connecticut! Very exciting!
Catherine Martini:	Page 2 of CT's newsletter here: https://acf.org/wp-content/uploads/2016/08/CT-TACF_WinterSpringNews2022.pdf
Robert Holland:	this lack of these trees that produce lots of pollen may be what is contributing to the loss of the natural american honey bee numbers.
Margaret Allen:	Thank you Catherine Marini!!
Margaret Allen:	Yay! Now that I am retired I can try to influence politicians!!
Margaret Allen:	Thanks so much for sharing the minutae of your methods - these tips are important for both science and orchard business! And scientists often keep these sorts of "secrets". Well done, chestnut scientists!
Bob Cowden:	What is the timeframe from the male catkin producing pollen to the female flower being receptive?
Sara Fern Fitzsimmons:	Hi bob - We find that when the catkins have flushed pollen about 50% of the way, the females are receptive. the receptive period lasts a long time, several weeks.