Supplemental file 10: End of the year questionnaires at Teachers Forum (years 1-3: 2019-2020, 2020-2021 and 2021-2022)

Year 1 and Year 2 1. Which Challenge was your favorite and why? 2. Which Challenge was your least favorite and why? 3. What result(s)/impact(s) did you observe in the students during or after the participation? Select all that apply: Knowledge Skills Excitement about plants Curiosity about plants Curiosity about climate change Other (If you responded "other" in the previous question please specify) If you participated in the Shade our School Challenge, was there any barrier? Year 3 1. My favorite challenge (among all the activities that are offered by Fairchild Tropical Botanic Garden) was...because. 2. Which Challenge was your least favorite and why? 3. How was the challenge incorporated into your curriculum? What most engaged your students in this challenge 4. What are some positive outcomes of participating in this challenge? Some barriers? What can be improved? 5. What were your motivations to participate in this challenge? 6. Did your participation in the challenge improve your instruction in the field of climate change and/or plant physiology? 7. What are your thoughts about participating in ongoing current research? 8. Did you collaborate with teachers of other areas to complete the challenge?

9. Do you think your students learned with the project?