

Supplemental File 4: Citizen scientist non-respondents were compared to the citizen science dataset and non-citizen scientist non-respondents were compared with non-citizen scientists using independent sample t-tests.

Survey Item	Citizen Scientist Respondent Mean (n = 94)	Citizen Scientist Non-Respondent Mean (n = 14)	Citizen Scientist Significance (t-statistic)	Non-Citizen Scientist Respondent Mean (n = 118)	Non-Citizen Scientist Non-Respondent Mean (n = 20)	Non-Citizen Scientist Significance (t-statistic)
Gender	0.63	0.69	-0.458	0.66	0.50	1.251
Age	61.61	60.42	0.303	58.98	62.38	-0.925
Education	4.64	4.64	-0.025	4.53	4.71	-0.690
Income	4.67	4.82	-0.243	4.62	5.25	-1.289
Orchid Survey	0.18	0	4.243***	NA	NA	NA
Mammal survey	0.32	0.14	1.596	NA	NA	NA
Plant Survey	0.39	0.57	-1.287	NA	NA	NA
Pollinator Survey	0.32	0.43	-0.810	NA	NA	NA
Bird Survey	0.38	0.57	-1.377	NA	NA	NA
Arthropod Survey	0.07	0.14	-0.914	NA	NA	NA

2010 Year Volunteered	0.10	0.07	0.381	NA	NA	NA
2011 Year Volunteered	0.15	0.21	-0.593	NA	NA	NA
2012 Year Volunteered	0.23	0.21	0.149	NA	NA	NA
2013 Year Volunteered	0.28	0.21	0.502	NA	NA	NA
2014 Year Volunteered	0.36	0.21	1.168	NA	NA	NA
2015 Year Volunteered	0.37	0.29	0.619	NA	NA	NA
2016 Year Volunteered	0.44	0.36	0.589	NA	NA	NA
2017 Year Volunteered	0.52	0.71	-1.331	NA	NA	NA
2018 Year Volunteered	0.51	0.57	-0.412	NA	NA	NA
2019 Year	0.50	0.50	0.107	NA	NA	NA

Volunteered						
2020 Year Volunteered	0.24	0.21	0.241	NA	NA	NA
Total Years Volunteered	3.72	3.57	0.180	NA	NA	NA
Average Annual Volunteer Hours	34.80	47.29	-0.708	NA	NA	NA
Had Knowledge and Skills	3.87	4.17	-0.939	3.84	4.13	-0.984
Had Enough Time	4.16	4.42	-0.970	3.89	4.00	-0.357
Had Money and Resources	3.71	4.09	-1.111	3.75	3.79	-0.112
Believed Easy to Start	3.03	3.36	-0.959	3.00	3.08	-0.242
Confident in Own Ability	3.91	4.00	-0.333	3.91	4.13	-0.867
Encouraged by VWL Staff	3.50	3.64	-0.423	2.61	2.33	0.946

Encouraged by VWL Citizen Scientists	3.50	3.73	-0.728	2.58	2.38	0.667
Learned Necessary via VWL Communications	3.61	3.75	-0.467	2.63	2.50	0.407
Inspired by Properties Surveyed	3.81	3.92	-0.318	3.61	3.23	1.162
Events	1.70	2.33	-1.145	0.69	0.56	0.763
Newsletters	5.08	5.38	-0.218	5.30	5.50	-0.165
2010 first hear about VWL	NA	NA	NA	0.10	0.10	0.058
2011 first hear about VWL	NA	NA	NA	0.02	0.00	0.591
2012 first hear about VWL	NA	NA	NA	0.00	0.05	-1.00
2013 first hear	NA	NA	NA	0.03	0.05	-0.579

about VWL						
2014 first hear about VWL	NA	NA	NA	0.04	0.00	2.276*
2015 first hear about VWL	NA	NA	NA	0.03	0.10	-1.050
2016 first hear about VWL	NA	NA	NA	0.11	0.10	0.170
2017 first hear about VWL	NA	NA	NA	0.09	0.10	-0.188
2018 first hear about VWL	NA	NA	NA	0.16	0.05	1.761
2019 first hear about VWL	NA	NA	NA	0.17	0.10	0.822
2020 first hear about VWL	NA	NA	NA	0.12	0.10	0.276

* $p < 0.05$

** $p < 0.01$

*** $p < 0.001$