

Supplemental File 1. Raw data on the total number of reads and ASV across all samples for each of the 54 plant families identified. * denotes families in which both the % of total reads and % of total ASV were above 1% and subsequently included in downstream statistical analyses (data from remaining 45 families were combined as ‘Other’). Abbreviations are as follows” ASV, amplicon sequence variant.

Family	Total reads across all samples	Total ASV across all samples	% of total reads	% of total ASV
Adoxaceae	103	11	0.01	0.20
Altingiaceae	995	25	0.11	0.46
Amaranthaceae	713	6	0.08	0.11
Amblystegiaceae	2	1	0.00	0.02
Anacardiaceae	511	22	0.06	0.40
Apiaceae	69	4	0.01	0.07
Apocynaceae	8373	82	0.95	1.50
Aquifoliaceae	12	2	0.00	0.04
Asteraceae *	181318	1850	20.63	33.89
Balsaminaceae	4341	70	0.49	1.28
Betulaceae	49	6	0.01	0.11
Bignoniaceae	1751	52	0.20	0.95
Brassicaceae *	24194	269	2.75	4.93
Cannabaceae	116	9	0.01	0.16
Caprifoliaceae	1035	60	0.12	1.10
Caryophyllaceae*	11426	90	1.30	1.65
Chenopodiaceae	15136	47	1.72	0.86
Convolvulaceae	2613	38	0.30	0.70
Cucurbitaceae	6	1	0.00	0.02
Cyperaceae	24	3	0.00	0.05
Ericaceae	200	8	0.02	0.15
Euphorbiaceae	495	12	0.06	0.22
Fabaceae *	323228	689	36.78	12.62
Fagaceae	5140	201	0.58	3.68
Fissidentaceae	8	1	0.00	0.02
Funariaceae	6	2	0.00	0.04
Hydrangeaceae	77	2	0.01	0.04
Juglandaceae *	12852	67	1.46	1.23
Lamiaceae	2902	93	0.33	1.70
Lythraceae	98	2	0.01	0.04
Malvaceae	35	4	0.00	0.07
Moraceae	49	4	0.01	0.07
Oleaceae	270	22	0.03	0.40
Onagraceae	520	5	0.06	0.09
Oxalidaceae	9482	48	1.08	0.88
Phytolaccaceae	17	3	0.00	0.05
Plantaginaceae	3101	159	0.35	2.91
Platanaceae	380	12	0.04	0.22
Poaceae *	40620	249	4.62	4.56
Polygonaceae	2258	46	0.26	0.84
Primulaceae	133	8	0.02	0.15
Ranunculaceae	743	24	0.08	0.44
Rosaceae *	60874	324	6.93	5.94
Rutaceae	11	1	0.00	0.02
Salicaceae *	114431	311	13.02	5.70
Sapindaceae	4710	85	0.54	1.56
Scrophulariaceae	333	14	0.04	0.26
Simaroubaceae	1474	53	0.17	0.97
Solanaceae	34	4	0.00	0.07
Sphagnaceae	4	1	0.00	0.02
Ulmaceae *	38714	254	4.41	4.65
Urticaceae	1658	67	0.19	1.23
Verbenaceae	9	2	0.00	0.04
Vitaceae	1118	34	0.13	0.62