

Trait	Category	Cluster A	Cluster B	Cluster C	Cluster D	Cluster E
Breeding system						
Breeding system	Dioecious	0.52	3.40	1.86	63.41	1.67
Breeding system	Monoecious	2.08	1.19	0.31	35.98	1.67
Breeding system	Hermaphrodite	97.40	95.41	97.83	0.61	96.65
Compatibility system						
Compatibility system	Unisexual flower	0.00	0.34	0.00	98.78	0.00
Compatibility system	Self incompatible	0.00	9.18	76.47	0.00	1.26
Compatibility system	Partially self compatible	3.65	20.24	7.43	0.00	10.46
Compatibility system	Self compatible	96.35	70.24	16.10	1.22	88.28
Life form						
Life form	Tree	1.56	12.59	9.60	31.71	2.93
Life form	Shrub	8.85	34.52	28.79	41.46	13.81
Life form	Herb	89.58	52.89	61.61	26.83	83.26
Life span						
Life span	Perennial	31.77	97.96	95.36	92.07	70.29
Life span	Short lived	68.23	2.04	4.64	7.93	29.71
Flower shape						
Flower shape	Brush	1.04	4.08	1.55	21.34	0.00
Flower shape	Campanulate	11.98	14.12	11.46	10.98	6.28
Flower shape	Capitulum	23.44	11.56	27.55	4.27	0.84
Flower shape	Open	51.56	50.17	28.48	53.66	12.55
Flower shape	Papilionaceous	0.52	0.00	4.95	0.00	24.69
Flower shape	Tube	11.46	20.07	26.01	9.76	55.65
Flower symmetry						
Flower symmetry	Actinomorphic	99.48	99.15	78.95	95.12	2.93
Flower symmetry	Zygomorphic	0.52	0.85	21.05	4.88	97.07
Selfing level						
Selfing level	High	52.08	1.19	0.00	0.00	18.41
Selfing level	Medium	22.40	5.78	0.00	0.61	15.06
Selfing level	Low	25.52	88.95	0.62	1.22	61.92
Selfing level	None	0.00	4.08	99.38	98.17	4.60
Nectar						
Nectar	No	16.15	21.60	7.74	30.49	11.72
Nectar	Yes	83.85	78.40	92.26	69.51	88.28
Autonomous selfing						
Autonomous selfing	min	7.47	0.00	0.00	0.00	0.00
Autonomous selfing	median	77.50	13.15	0.00	0.00	16.20
Autonomous selfing	max	100.00	100.00	48.00	50.50	100.00
Autonomous selfing	mean	61.73	15.53	0.30	0.45	33.28
Autonomous selfing	sd	31.33	12.46	3.23	4.12	30.47
Flower number						
Flower number	min	1.00	1.00	1.00	1.00	1.00
Flower number	median	30.00	75.00	50.00	1000.00	50.00
Flower number	max	14000.00	100000.00	180000.00	80000.00	20000.00
Flower number	mean	197.15	1558.67	2710.80	6803.12	531.74
Flower number	sd	1037.45	6596.20	12970.26	12583.54	1918.75
Flowers per inflorescence						
Flowers per inflorescence	min	1.00	1.00	1.00	1.00	1.00
Flowers per inflorescence	median	5.00	15.00	8.00	30.00	15.00
Flowers per inflorescence	max	1600.00	2000.00	1000.00	12500.00	1000.00
Flowers per inflorescence	mean	37.86	57.77	35.57	258.18	40.53
Flowers per inflorescence	sd	145.67	166.54	98.42	1152.32	99.75
Inflorescence width						
Inflorescence width	min	1.00	0.70	3.00	1.10	0.80
Inflorescence width	median	20.00	30.00	31.50	25.00	25.00
Inflorescence width	max	250.00	350.00	300.00	600.00	140.00

(continued)

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Inflorescence width	mean	31.87	44.82	44.71	47.99	31.44
Inflorescence width	sd	33.75	47.16	38.54	70.70	24.50
Flower width						
Flower width	min	0.50	0.50	0.50	0.50	0.80
Flower width	median	10.50	10.00	15.00	3.62	7.50
Flower width	max	67.47	350.00	142.50	100.00	60.00
Flower width	mean	14.91	16.88	20.18	8.23	10.78
Flower width	sd	13.44	25.12	20.68	14.34	9.28
Flower length						
Flower length	min	0.50	0.20	0.50	0.40	1.00
Flower length	median	5.00	5.10	9.10	2.71	10.00
Flower length	max	75.00	350.00	195.00	120.00	65.00
Flower length	mean	8.84	10.08	13.95	6.53	13.78
Flower length	sd	11.41	19.33	20.25	13.03	11.65
Style length						
Style length	min	0.00	0.10	0.00	0.10	0.00
Style length	median	3.00	3.90	5.00	1.00	5.00
Style length	max	50.00	100.00	138.00	45.00	65.00
Style length	mean	5.63	6.34	7.39	3.08	8.74
Style length	sd	7.70	8.59	10.51	6.24	9.67
Ovule number						
Ovule number	min	1.00	1.00	1.00	1.00	1.00
Ovule number	median	31.50	15.34	30.00	4.50	6.00
Ovule number	max	2043.88	25000.00	25000.00	7600.00	25000.00
Ovule number	mean	79.73	116.69	527.87	110.47	226.28
Ovule number	sd	179.67	1068.64	2949.32	633.81	1788.17
Plant height						
Plant height	min	0.05	0.01	0.04	0.05	0.03
Plant height	median	0.50	0.80	0.75	2.88	0.55
Plant height	max	10.00	17.50	30.00	28.00	19.10
Plant height	mean	0.84	1.98	1.85	5.19	1.23
Plant height	sd	1.24	2.87	3.30	6.17	2.65