

A case of behavioral diversification in male floral  
function – the evolution of thigmonastic pollen  
presentation

Supplementary Table 1  
Plant material

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Taxon	Voucher: Floral data	Lab Code	Voucher: Molecular data	GenBank codes			
				trnL-trnF	matK	trnS-trnG	rps16
<i>Aosa parviflora</i>	Grant 4650 (BSB)	W4000	Grant 4650 (BSB)	KY286967	KY286698	KY286877	KY286787
<i>Aosa rupestris</i>	Weigend 7138 (BSB)	W1289	Weigend 7138 (BSB)	KY286925	KY286657	KY286835	KY286745
<i>Blumenbachia hieronymi</i>	Ackermann 601 (BSB)	W2846	Ackermann 601 (BSB)	KY286966	KY286697	KY286876	KY286786
<i>Blumenbachia insignis</i>	Weigend 7475 (B)	W1622	Weigend 7475 (B)	KY286964	KY286695	KY286874	KY286784
<i>Blumenbachia latifolia</i>	Weigend 9135 (B)	W1383	Schwabe s.n. (1958) (B)	KY286949	KY286680	KY286859	KY286769
<i>Caiophora andina</i>	Schlumpberger 663 (LPB)	W4520	Moreira & Luebert 2379 (SGO)	KY287005	KY286735	KY286915	KY286825
<i>Caiophora arechavalatae</i>	Weigend 9330 (BONN)	W4003	Weigend 9330 (BONN)	KY286970	KY286701	KY286880	KY286790
<i>Caiophora canarinoides</i>	Ackermann 395 (BSB)	W4011	Ackermann 375 (BSB)	KY286975	KY286706	KY286885	KY286795
<i>Caiophora carduifolia</i>	Ackermann & Kollehn 288 (BSB)	W1343	Ackermann & Kollehn 288 (BSB)	KY286939	KY286671	KY286849	KY286759
<i>Caiophora cernua</i>	Ackermann 1100 (BONN)	W4007	Ackermann 1100 (BONN)	KY286972	KY286703	KY286882	KY286792
<i>Caiophora chuquitensis</i>	Ackermann 1101 (BONN)	W4022	Ackermann 1101 (BONN)	KY286983	KY286714	KY286893	KY286803
<i>Caiophora cirsiifolia</i>	Weigend 7697 (B)	W4024	Ackermann 610 (BSB)	KY286984	KY286715	KY286894	KY286804
<i>Caiophora clavata</i>	Ackermann 1102 (BONN)	W4516	Ackermann 1102 (BONN)	KY287002	KY286732	KY286912	KY286822
<i>Caiophora coronata</i>	Weigend 9152 (BSB)	W4009	Coccuci & Sersic 4845 (CORD)	KY286973	KY286704	KY286883	KY286793
<i>Caiophora hibiscifolia</i>	Ackermann 1103 (BONN)	W4030	Ackermann 1103 (BONN)	KY286988	KY286719	KY286898	KY286808
<i>Caiophora lateritia</i>	Ackermann 1104 (BONN)	W4031	Ackermann 1104 (BONN)	KY286989	KY286720	KY286899	KY286809
<i>Caiophora stenocarpa</i>	Ackermann et al. 758 (BSB)	W4015	Ackermann et al. 758 (BSB)	KY286978	KY286709	KY286888	KY286798
<i>Grausa gayana</i>	Weigend 7057 (MSB)	W1609	Weigend 7057 (MSB)	KY286962	KY286693	KY286872	KY286782
<i>Huidobria fruticosa</i>	Kern 6 (B)	W1327	Dillon 8034 (F)	KY286932	KY286664	KY286842	KY286752
<i>Loasa acerifolia</i>	Weigend 9142 (B)	W1340	Weigend et al. 6848 (BSB)	KY286937	KY286669	KY286847	KY286757
<i>Loasa insons</i>	Weigend 8724 (B)	W1360	Ackermann 536 (BSB)	KY286943	KY286674	KY286853	KY286763
<i>Loasa nitida</i>	Weigend et al. 7346 (BSB)	W1339	Weigend et al. 7346 (BSB)	KY286936	KY286668	KY286846	KY286756
<i>Loasa sclaireifolia</i>	Weigend 8183 (B)	W4132	Weigend 8183 (B)	KY286994	KY286724	KY286904	KY286814
<i>Loasa tricolor</i>	Weigend 9010 (B)	W4016	Luebert 3021 (B)	KY286979	KY286710	KY286889	KY286799
<i>Loasa triloba</i>	Weigend 9008 (B)	W4511	Luebert & Bidart 3014b (B)	KY286999	KY286729	KY286909	KY286819
<i>Nasa chenopodiifolia</i>	Weigend 8433 (B)	W1415	Weigend et al. 7685 (M)	MF972162	MF972134	MF972176	MF972148
<i>Nasa dillonii</i>	Weigend 7556 (B)	W1413	Weigend 7556 (B)	MF972160	MF972132	MF972174	MF972146
<i>Nasa dyeri</i> subsp. <i>australis</i>	Dostert 98/80 (MSB)	W1624	Dostert 98/80 (MSB)	MF972165	MF972137	MF972179	MF972151
<i>Nasa macrothyrsa</i>	Weigend 7471 (BSB)	W1329	Weigend et al. 97/s.n. (M)	KY286934	KY286666	KY286844	KY286754
<i>Nasa moroensis</i>	Weigend 7694 (B)	W1414	Weigend 7694 (B)	MF972161	MF972133	MF972175	MF972147
<i>Nasa moroensis</i>	Weigend 8424 (B)	W2252	Weigend 8424 (B)	MF972167	MF972139	MF972181	MF972153
<i>Nasa olmosiana</i>	Dostert 98/163 (MSB)	W1567	Dostert 98/163 (MSB)	MF972163	MF972135	MF972177	MF972149
<i>Nasa olmosiana</i>	Weigend 8541 (BSB)	W4525	Weigend 8541 (BSB)	MF972171	MF972143	MF972185	MF972157
<i>Nasa poissoniana</i> subsp. <i>glandulifera</i>	Weigend & Schwarzer 8009 (B)	W4527	Weigend & Schwarzer 8009 (B)	MF972172	MF972144	MF972186	MF972158
<i>Nasa poissoniana</i> subsp. <i>poissoniana</i>	Ackermann 756 (BSB)	W1243	M. & K. Weigend 00/208 (NY)	KY286918	KY286650	KY286828	KY286738
<i>Nasa ranunculifolia</i> subsp. <i>ranunculifolia</i>	Henning 06/05 (B)	W2262	Henning 06/05 (B)	MF972169	MF972141	MF972183	MF972155
<i>Nasa triphylla</i> subsp. <i>flavipes</i>	Weigend & Dostert 98/203 (M)	W1623	Weigend & Dostert 98/203 (M)	MF972164	MF972136	MF972178	MF972150
<i>Nasa triphylla</i> subsp. <i>triphylloides</i>	Ackermann 602 (BSB)	W2243	Ackermann 602 (BSB)	MF972166	MF972138	MF972180	MF972152
<i>Nasa triphylla</i> subsp. <i>triphylloides</i>	Weigend & Brokamp 9098 (B)	W2680	Weigend & Brokamp 9098 (B)	MF972170	MF972142	MF972184	MF972156
<i>Nasa vargasii</i>	Weigend 5463 (B)	W2261	Weigend 5463 (B)	MF972168	MF972140	MF972182	MF972154
<i>Nasa weigendii</i>	Weigend 7913 (USM)	W4528	Weigend 7913 (USM)	MF972173	MF972145	MF972187	MF972159
<i>Plakothira parviflora</i>	Weigend s.n. (BSB)	W1290	Weigend s.n. (BSB)	KY286926	KY286658	KY286836	KY286746
<i>Presliophytum heucheraefolium</i>	Weigend 7691 (BONN)	W1369	Weigend 7368 (BSB)	KY286946	KY286677	KY286856	KY286766
<i>Presliophytum incanum</i>	Weigend & Dostert 97/12 (M)	W1288	Weigend & Förther 97/848 (F)	KY286924	KY286656	KY286834	KY286744
<i>Scyphanthus elegans</i>	Weigend 9032 (BSB)	W1467	Grau & Erhart 2-093 (M)	KY286958	KY286689	KY286868	KY286778
<i>Scyphanthus stenocarpus</i>	Gardner & Knees 8351 (BSB)	W4035	Gardner & Knees 8351 C (BSB)	KY286992	KY286723	KY286902	KY286812
<i>Xylopodia klaprothioides</i>	Weigend et al. 97/450 (M)	W1287	Weigend et al. 97/450 (M)	KY286923	KY286655	KY286833	KY286743
OUTGROUPS							
<i>Deutzia discolor</i>		W1293	Weigend 5615 (BSB)	KY286929	KY286661	KY286839	KY286749
<i>Eucnide urens</i>		W4499	Weigend 9153 (BSB)	KY286996	KY286726	KY286906	KY286816
<i>Gronovia scandens</i>		W4500	Weigend et al. 8522 (BSB)	KY286997	KY286727	KY286907	KY286817
<i>Mentzelia albescens</i>		W1285	Weigend et al. 6865 (BSB)	KY286921	KY286653	KY286831	KY286741