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Supplementary Material

Improving floral nectar storage on filter paper for sugar recovery

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Table S1. Data that support Fig. 1

Nectar	Treatment	Day	Mean sugar recovery percentage			2 s.e.			
			S	G	F	S	G	F	
<i>Eremophila maculata</i>	FP with zeolite	0	100.00	104.00	96.00	7.35	2.97	3.54	
		7	96.00	95.00	89.00	5.09	6.93	7.35	
		14	94.00	95.00	88.00	6.65	0.57	1.56	
		30	68.06	96.46	86.48	1.98	1.13	2.12	
	Desiccated and frozen FP	0	107.00	101.00	90.00	8.34	1.56	0.28	
		7	100.00	100.00	90.00	0.00	1.56	1.13	
		14	89.00	93.00	84.00	1.41	5.23	5.80	
		30	68.57	96.36	86.70	8.34	2.55	2.40	
	Synthetic nectar	FP + zeolite	0	97.00	98.00	98.00	1.27	1.41	2.97
			7	97.00	87.00	88.00	4.53	2.83	2.97
			14	92.00	93.00	88.00	3.39	2.55	1.41
			30	96.16	96.38	99.22	16.81	14.04	14.60
FP desiccated and frozen		0	98.00	97.00	97.00	6.08	3.54	3.96	
		7	94.00	86.00	92.00	2.40	4.10	2.83	
		14	98.00	86.00	92.00	5.09	6.36	3.25	
		30	94.74	91.87	94.12	0.99	2.73	3.88	

Table S2. Data that support Fig. 2

Nectar	Treatment	Day	Mean sugar recovery percentage			2 s.e.		
			S	G	F	S	G	F
<i>S. reginae</i> nectar	FP	0	99.13	100.83	100.88	1.59	2.01	2.30
		7	101.01	104.26	99.40	2.11	2.35	4.38
		14	98.11	98.20	98.90	1.94	2.37	3.54
		21	96.01	100.24	109.09	1.99	2.87	4.98
		30	92.58	106.83	100.95	1.60	5.60	1.13
	FP + silica	0	99.99	99.17	100.61	1.60	1.98	2.29
		7	100.14	105.83	99.58	1.96	1.56	1.39
		14	101.65	101.43	99.07	1.61	2.94	2.93
		21	95.14	100.59	114.62	2.30	2.78	7.10
		30	96.98	106.71	103.39	2.08	3.47	2.36
Synthetic nectar	FP	0	102.70	98.09	98.60	3.58	2.98	0.08
		7	82.14	93.75	85.65	3.09	3.99	3.18
		14	86.14	93.58	87.27	1.84	1.21	2.18
		21	83.35	95.12	89.42	1.90	3.09	6.11
		30	82.64	90.15	79.55	7.65	6.48	5.94
	FP + silica	0	102.70	98.09	98.60	3.58	2.98	0.08
		7	93.39	94.79	91.17	4.04	2.96	6.46
		14	91.68	93.01	97.42	6.87	4.20	5.28
		21	94.55	95.25	98.45	4.20	7.70	5.77
		30	92.45	89.00	85.26	6.71	5.77	5.25

Table S3. Data that support Fig. 3

Nectar	Treatment	Day	Mean sugar recovery percentage			2 s.e.		
			S	G	F	S	G	F
<i>E. maculata</i> nectar	FP + zeolite	0	0.98	8.88	9.58	0.10	0.36	0.48
		7	0.90	8.13	8.85	0.07	1.20	1.22
		14	0.92	7.97	8.61	0.05	0.30	0.20
		30	0.66	8.20	8.56	0.03	0.20	0.04
	FP + desiccated and frozen	0	1.04	8.59	8.98	0.08	0.13	0.03
		7	0.97	8.51	9.01	0.00	0.13	0.12
		14	0.87	7.92	8.39	0.01	0.44	0.57
		30	0.77	8.19	8.58	0.13	0.21	0.25
	Liquid nectar in refrigerator	0	0.94	8.71	10.18	0.03	0.07	0.33
		7	0.81	8.95	10.56	0.07	0.50	0.70
		14	0.74	9.94	12.20	0.02	0.38	0.52
		30	0.20	10.70	14.37	0.02	0.21	0.36

Table S4. Data that support Fig. 4

Nectar	Treatment	Day	Mean sugar recovery percentage			2 s.e.		
			S	G	F	S	G	F
<i>S. reginae</i>	FP	0	4.77	4.13	4.25	0.08	0.08	0.10
		7	4.86	4.27	4.19	0.10	0.10	0.18
		14	4.68	4.09	4.18	0.09	0.10	0.15
		21	4.58	4.18	4.61	0.09	0.12	0.21
		30	4.42	4.45	4.27	0.08	0.23	0.05
	FP + silica	0	4.77	4.13	4.25	0.08	0.08	0.10
		7	4.78	4.41	4.21	0.09	0.06	0.06
		14	4.85	4.23	4.19	0.08	0.12	0.12
		21	4.54	4.19	4.85	0.11	0.12	0.30
		30	4.63	4.45	4.43	0.10	0.14	0.09
	Liquid nectar in refrigerator	0	4.79	4.07	4.20	0.28	0.19	0.12
		7	4.67	4.48	4.46	0.30	0.27	0.25
		14	4.22	4.31	4.46	0.11	0.15	0.15
		21	3.75	4.32	4.91	0.11	0.14	0.16
		30	2.48	3.79	5.15	0.05	0.10	0.08