

Table *Selenicereus* sp.

Selenicereus species (fruits obtained with various pollen source, *S. sps.* (in blue) or *H. sps.* (in red))

Group	No.	Code	Spices	Shoot ribes	Flower size (cm)	Pollen quantity (0-5)	Selfed (% set)	Flowers per plant	Fruit wt. (g)	Days to ripening	Pulp (%)	Seeds per fruit	Taste (0-5)	Note
1	4197.5	92-080T	<i>S. grandiflorus</i>	6	32.0	1.0	0	25	170	84	71	2358	1.0	
	4199.5	96-683	<i>S. sp.</i>	6	31.5	1.0	0	33	147	86	68	1458	1.0	
	4200.5	98-325	<i>S. macdonaldiae</i>	6	33.3	1.0	0	66	159	86	70	984	1.2	
2	4195.5	98-321	<i>S. coiflorus</i>	4-5	26.7	2.0	0	84	159	69	65	3138	1.0	
	4198.5	94-032F	<i>S. grandiflorus</i>	4-5	25.7	2.0	0	61	195	60	69	2665	0.9	
	T-042	70-02-12	<i>S. sp.</i>	7-10	24.5	2.5	0	9	101	102	65	1527	1.8	
	T-043	98-326	<i>S. pieranthus</i>	4-6	26.0	1.5	0	37	74	59	61	1924	0.7	
	T-076	92-080F	<i>S. grandiflorus</i>	4-6	26.3	2.5	0	35	148	83	64.8	3065	1.8	
	T-088	98-322	<i>S. donckelaari</i>	7-10	23.0	2.0	0	23	113	78	63	1828	1.6	
	T-118	96-002	<i>S. triangularis</i>	4-5	30.0	2.0	0	15	145	58	64	2203	1.3	
3	T-082	98-320	<i>S. atropilosus</i>	4-5	10.0	2.0	0	63	34	72	62	416	2.3	High nectar quantity
	T-106	94-032T	<i>S. sp.</i>	5-7	13.3	2.0	0	31	57	79	81	824	1.4	
	T-112	98-331	<i>S. spinulosus</i>	4-6	13.5	3.0	0	36	55	88	82	853	2.8	
	T-119	98-332	<i>S. vagans</i>	6-8	23.0	2.5	N.D.	10	31	92	81	471	1.2	
	T-001	98-327	<i>S. testudo</i>	4-8	20.5	2.5	0	64	17	73	18	19	3.0	
4	T-100	98-328	<i>S. rubineus</i>	4-5	24.0	2.0	N.D.	2	153	90	47	2325	0.0	Bitter flavor
	T-120	98-329	<i>S. wercklii</i>	6-8	21.0	2.0	N.D.	12	42	92	44	349	0.0	Bitter flavor
5	4100	90-002	<i>S. megalanthus</i> *	3	33.0	2.5	96	17	174	150	61.4	302	5.0	Big seeds, fragrant flower
6	T-044	98-323	<i>S. hamatus</i>	4	10.0	N.D.	0	2	Did n't set fruit yet					
	T-094	98-341	<i>S. innersii</i>	6	4.0	0	0	250	Did 't set fruit yet				Anthers absent in flowers	

1) Hairy buds & fruit

2) Hairy buds & moderate spines cover on fruit

3) Moderate hairy & spines cover on bud & fruit

4) Minor hairy cover on buds & moderate spines cover on fruit

5) No hairs on bud & on fruit

6) Did n't set fruit yet

* - In *S. megalanthus* there are no visual differences in productive and vegetative organs among all the various genotypes.

Visual difference between genotypes exists in the amount of vegetative growth and flower production.

Other data on some genotypes presented in a separate table.

Table *S. megalanthus*

<i>S. megalanthus</i> (data for genotypes that are crossable with <i>S. megalanthus</i>, <i>Hylocereus</i> species & selfed)								
No.	Code	Flowers per plant	Fruit set (%)			Fruit wt. (g)		
			<i>S. megalanthus</i>	selfed	<i>Hylocereus</i>	<i>S. megalanthus</i>	selfed	<i>Hylocereus</i>
4100	90-002	17	94	91	87	167	167	160
4133	88-023	10	91	73	50	160	143	108
4134	88-025	21	93	94	100	196	149	107
4135	88-026	18	100	89	100	188	158	98
4136	89-054	21	92	100	100	158	104	115
4137	89-046	19	100	100	57	176	143	139
4138	93-063 A	20	95	100	83	144	120	88
4139	93-063 B	28	100	92	88	138	159	142
4140	93-063 C	30	90	100	100	167	139	126
4141	93-063 D	21	97	100	67	172	165	124
4142	93-063 E	17	96	85	100	150	143	182
4143	90-001	16	96	98	100	178	154	143
4144	90-003	17	98	100	95	179	139	149
4164	88-102	27	93	100	86	180	134	86
4166	88-106	17	98	97	80	181	146	136
4167	88-107	15	96	100	92	173	138	144
4181	88-100	22	91	100	100	206	175	97
Average		19.6	95.4	95.3	87.3	171.3	145.6	126.0

4197.5

92-080T (4197.5)

Selenicereus macdonaldiae
(*S. gradiflorus*)



4200.5

98-325 (4200.5)

Selenicereus macdonaldiae
(*S. gradiflorus*)



4195.5

98-321 (4195.5)

Selenicereus coiflorus



4198.5

94-032 F (4198.5)

Selenicereus grandiflorus



T-042

70-02-12 (T-042)

Selenicereus sp.



T-043

98-326 (T-043)

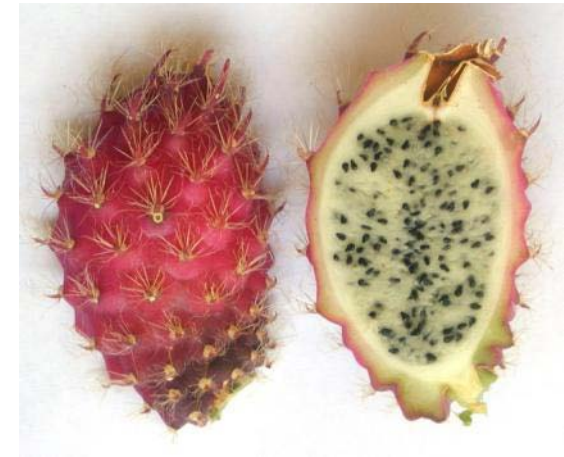
Selenicereus pteranthus



T-076

92-080F (T-076)

Selenicereus grandiflorus



T-088

98-322 (T-088)

Selenicereus donckelaari



T-118

96-002 (T-118)

Selenicereus triangularis



T-082

98-320 (T-082)

Selenicereus atropilosus



T-106

94-032T (T-106)

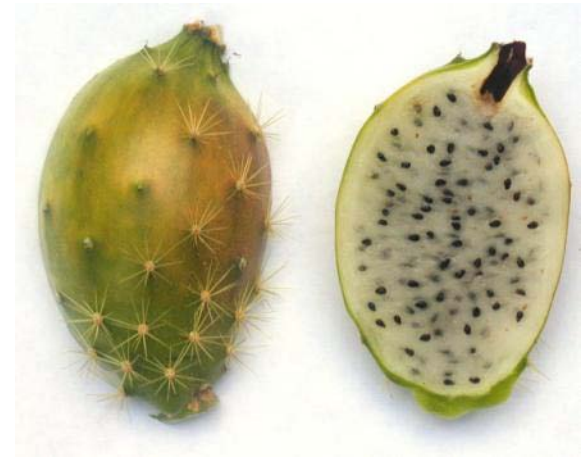
Selenicereus sp.



T-112

98-331 (T-112)

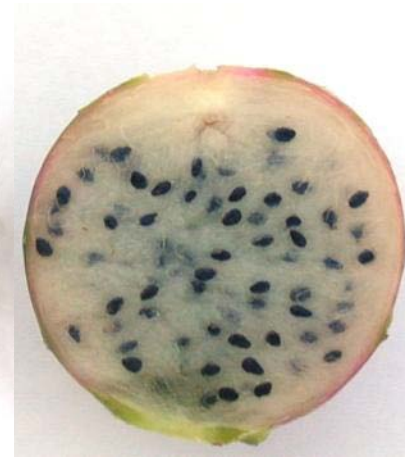
Selenicereus spinulosus



T-119

98-332 (T-119)

Selenicereus vagans



T-001

98-327 (T-001)

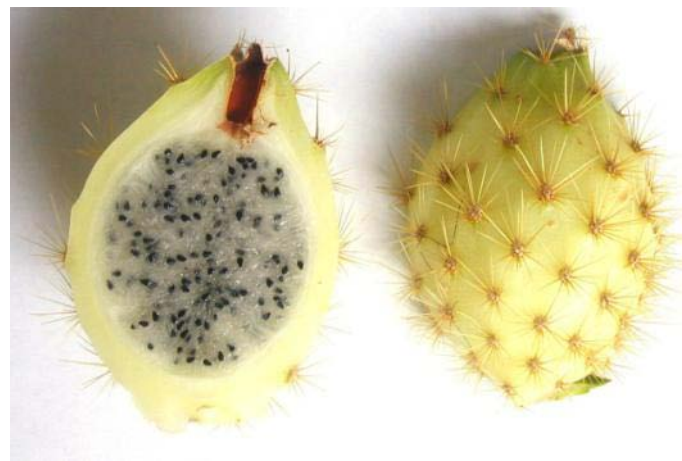
Selenicereus testudo



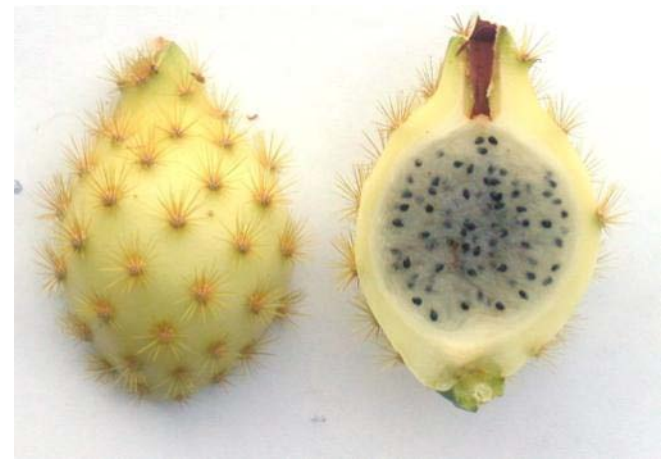
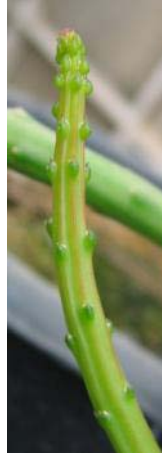
T-100

98-328 (T-100)

Selenicereus rubineus



T-120 **98-329 (T-120)**
Selenicereus wercklii
(*S. wercklei*)



4100

90-002 (4100)

Selenicereus megalanthus



T-044

98-323 (T-044)

Selenicereus hamatus



T-094

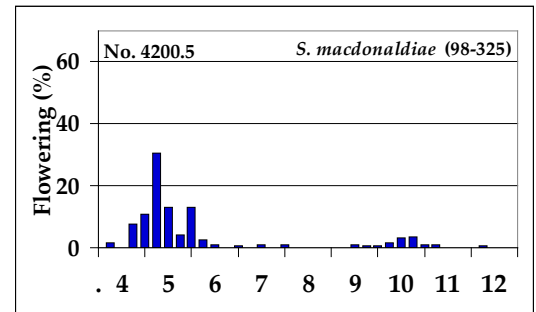
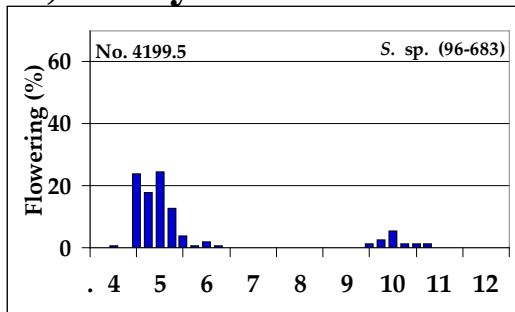
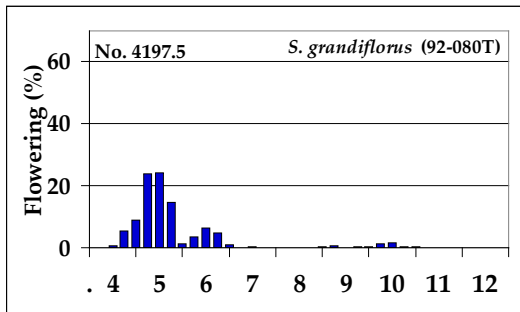
98-341 (T-094)

Selenicereus innersii



Fig. Weekly flowering - (2 groups)

1) Hairy buds & fruits



2) Hairy buds & moderate spines cover on fruits

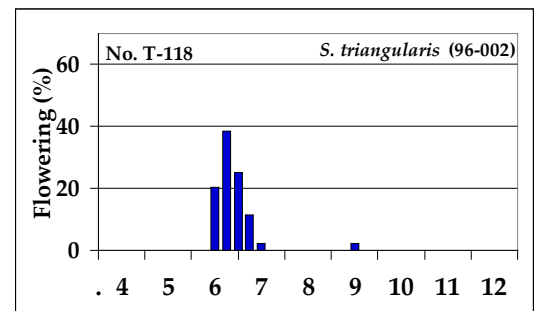
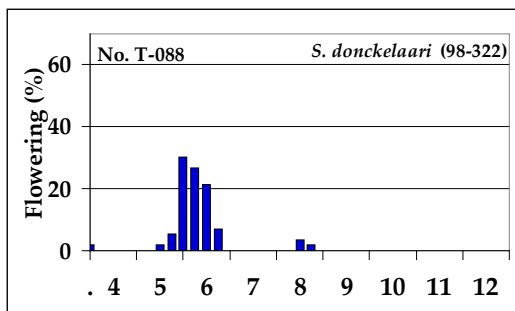
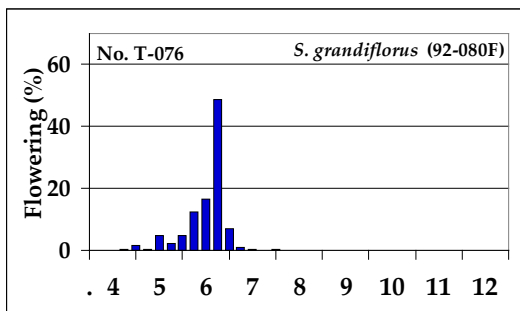
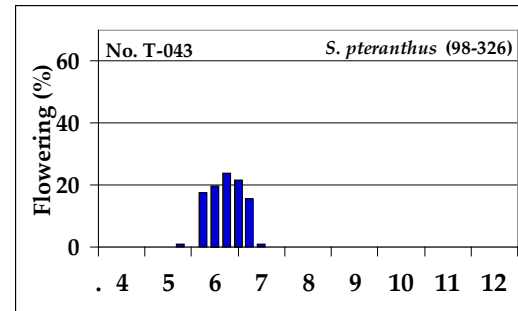
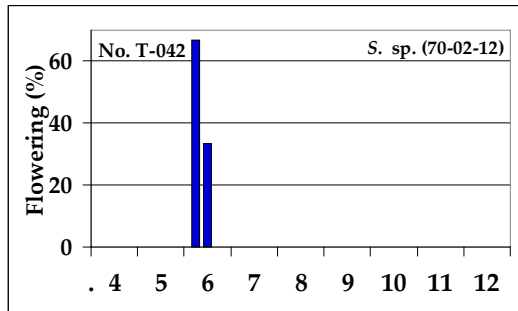
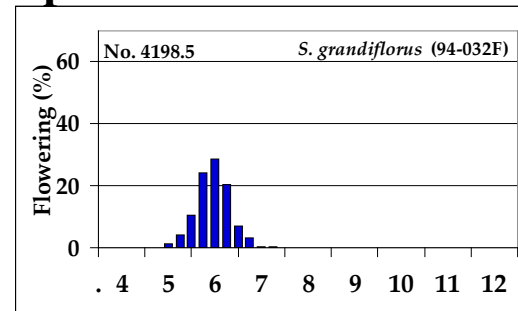
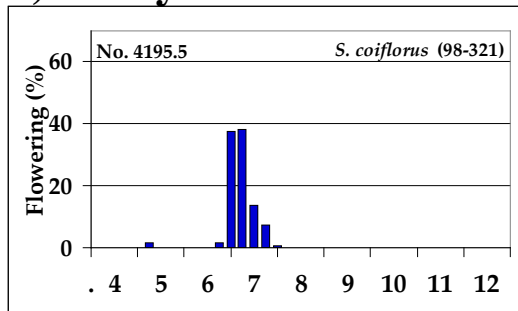
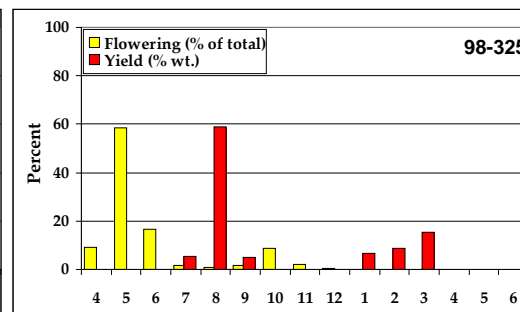
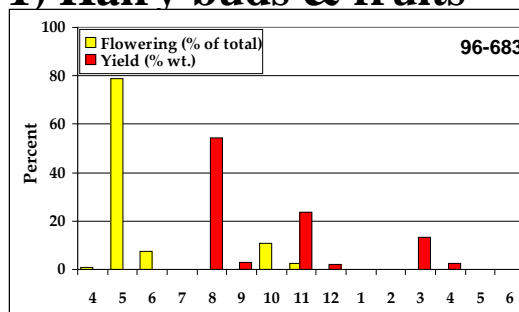
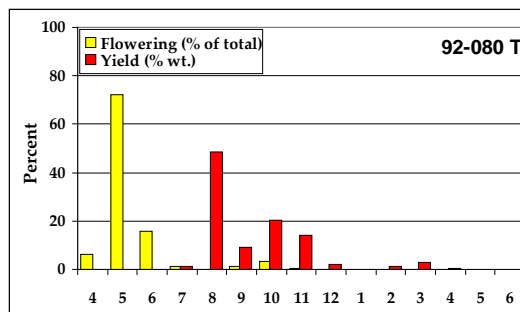


Fig. Monthly flowering & ripening - (2 groups)

1) Hairy buds & fruits



2) Hairy buds & moderate spines cover on fruits

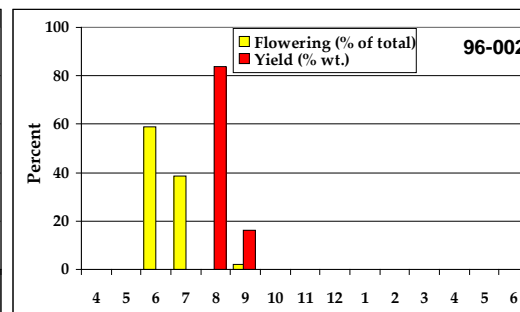
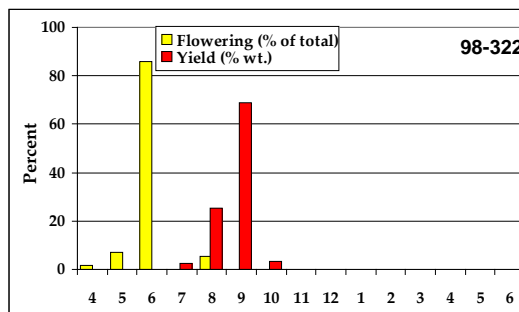
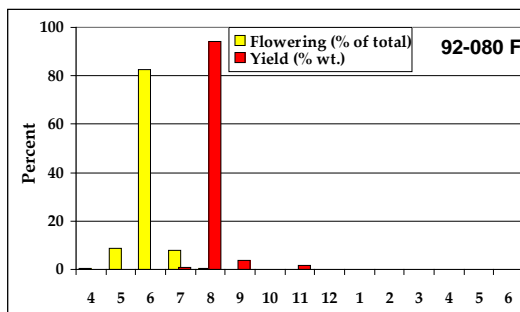
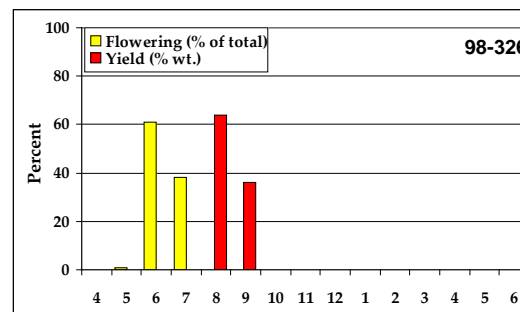
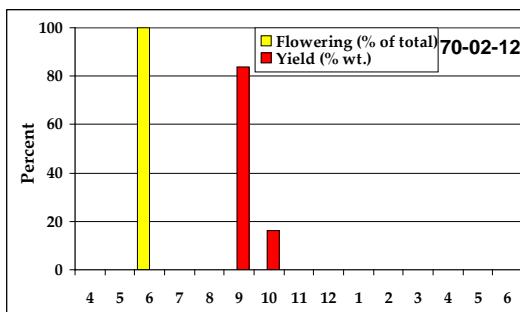
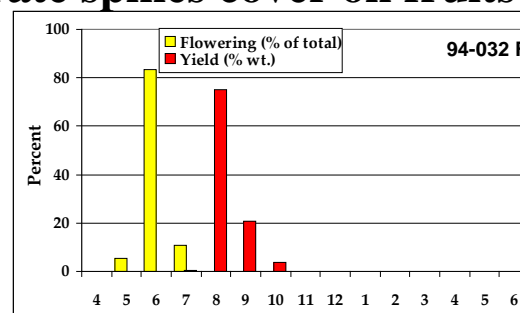
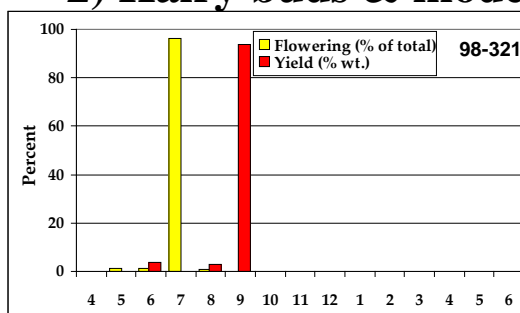
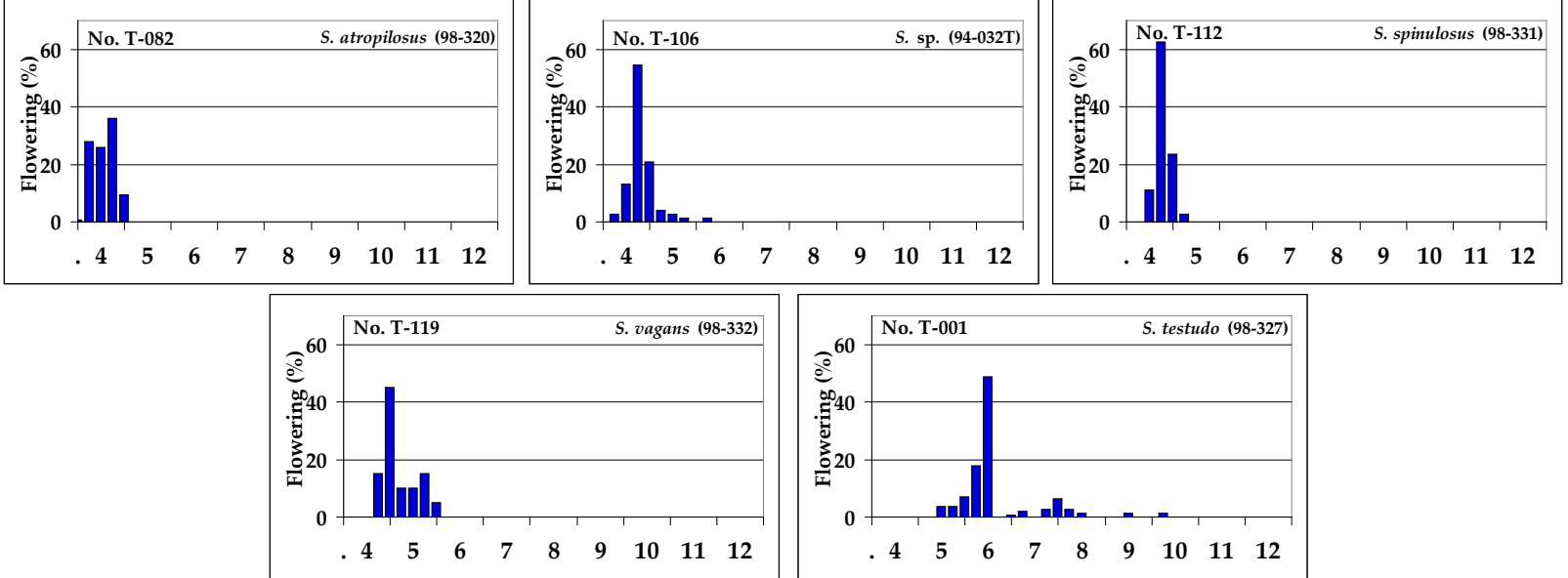
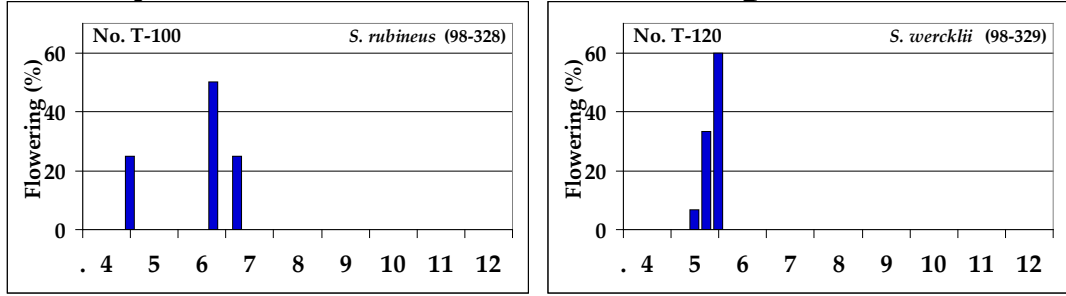


Fig. Weekly flowering - (3 groups)

3) Moderate hairy & spines cover on bud & fruits



4) Few hairy cover on buds & moderate spines cover on fruits



5) No hairy bud & fruits

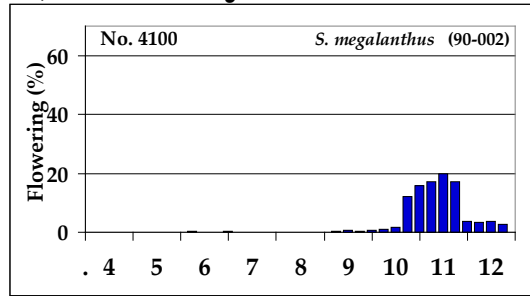
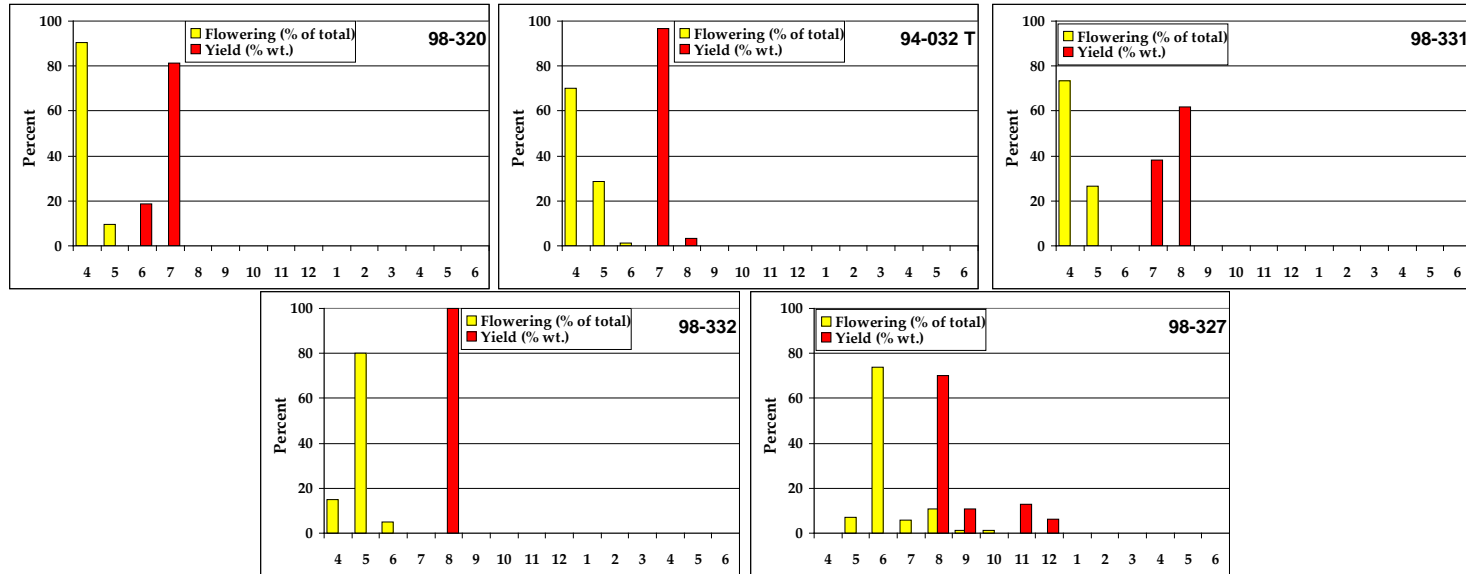
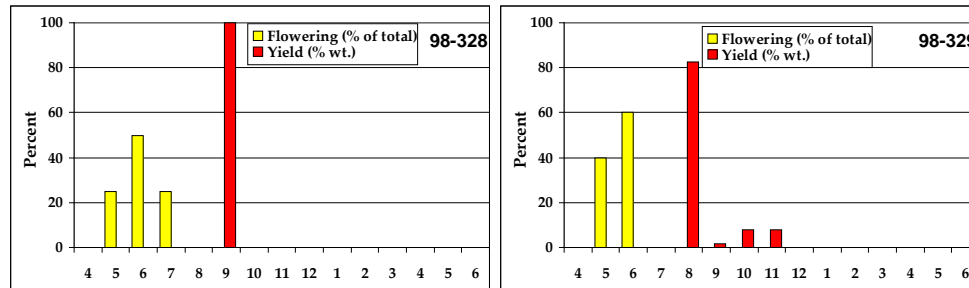


Fig. Monthly flowering & ripening - (3 groups)

3) Moderate hairy & spines cover on bud & fruits



4) Few hairy cover on buds & moderate spines cover on fruits



5) No hairy bud & fruits

