

Table

<i>Hylocereus</i> species													
Group	No.	Code	Species	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
Heavy wax on branch	4006	70-11-07	<i>H. guatemalensis</i>	27.7	4.5	0	5.0	295	30	71	6087	2.5	
	4008	94-031	<i>H. ocamponis</i>	28.0	4.0	0	4.0	370	34	N.D.	N.D.	1.8	
	4014	89-025	<i>H. purpusii</i>	29.5	4.0	0	8.5	243	32	68	3111	2.0	
	4093	74-12-08	<i>H. lemairi</i>	27.0	3.5	0	10.0	372	36	57	4453	4.3	
	4178	99-856	<i>H. bronxensis</i>	28.7	4.5	0	12.5	180	37	62	5635	2.5	
Round fruits (waxed branch)	4003	89-023	<i>H. costaricensis</i>	29.7	3.0	0	25.5	275	30	55	3366	2.0	
	4004	99-854	<i>H. costaricensis</i>	31.0	3.5	0	27.0	331	30	60	4179	2.4	
	4035	73-12-32	<i>H. costaricensis</i>	30.0	4.5	0	20.7	482	30	67	4673	3.0	
	4192	93-030	<i>H. sp.</i>	26.3	5.0	0	26.2	388	31	68	5985	3.2	
<i>H. polyrhizus</i> (waxed branch)	4009	89-027	<i>H. polyrhizus</i>	24.3	4.0	0	22.3	239	31	61	4077	1.5	
	4010	97-401	<i>H. polyrhizus</i>	23.0	3.0	0	15.0	267	31	55	4973	2.4	
	4011	97-402	<i>H. polyrhizus</i>	28.5	5.0	0	21.7	229	30	67	5326	1.0	Bitter flavor
	4012	97-403	<i>H. polyrhizus</i>	27.7	5.0	0	38.7	195	30	64	3411	1.0	Bitter flavor
	4013	97-404	<i>H. polyrhizus</i>	28.3	5.0	0	55.3	422	31	51	4029	2.9	
	4080	89-028	<i>H. polyrhizus</i>	28.3	5.0	0	39.0	395	30	51	4553	2.6	
Red pulp	4007	88-029	<i>H. sp. (H. lemairi)</i>	21.7	4.0	100	23.3	280	34	58	3561	3.4	In selfed - small fruit, scattered flowering
	4019	99-858	<i>H. venezuelensis</i>	23.7	4.0	0	30.3	163	31	57	2792	2.4	
	4021	88-027	<i>H. undatus</i>	28.0	4.0	0	26.7	298	32	46	3542	2.0	Red pulp, scattered & split flowering
Pink & magenta pulp	4001	73-03-41	<i>H. sp.</i>	26.0	3.0	0	19.7	298	39	64	1517	4.0	Scattered & split flowering
	4015	98-337	<i>H. sp.</i>	27.3	3.0	0	15.7	428	35	70	6690	4.5	Scattered flowering
	4016	99-843	<i>H. sp.</i>	24.3	3.5	86	18.3	298	35	58.5	4419	4.0	In selfed - small fruit, scattered flowering
	4022	98-334	<i>H. undatus</i>	26.3	3.0	0	31.0	460	36	67	5777	3.8	
	4046	70-11-02	<i>H. undatus</i>	23.0	3.0	0	24.3	399	35	66	4968	3.9	
White pulp	4020	99-855	<i>H. zabinski</i>	29.3	3.5	0	25.3	345	30	65	3332	3.5	
	4044	70-02-11	<i>H. sp.</i>	28.7	3.5	0	8.3	541	28	63	6077	2.1	
	4108	70-02-08	<i>H. sp.</i>	23.3	3.5	67	14.3	424	28	64	4258	2.8	In selfed - small fruit
	4112	72-04-18	<i>H. lemairi</i>	19.5	2.5	0	23.3	129	33	61	1863	2.0	
	4179	99-853	<i>H. escuintlensis</i>	24.0	3.0	0	11.0	177	38	51	4223	1.0	
Pink patches	4018	71-05-03	<i>H. triangularis (H. trigonus)</i>	25.7	3.0	100	8.5	269	41	67	7417	1.6	

4001

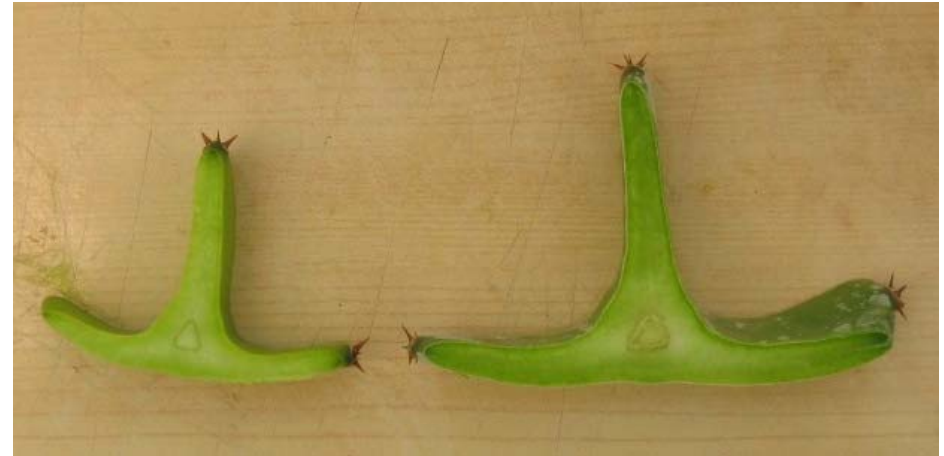
**73-03-41 (4001)**  
*Hylocereus* sp.



4003

89-023 (4003)

*Hylocereus costaricensis*



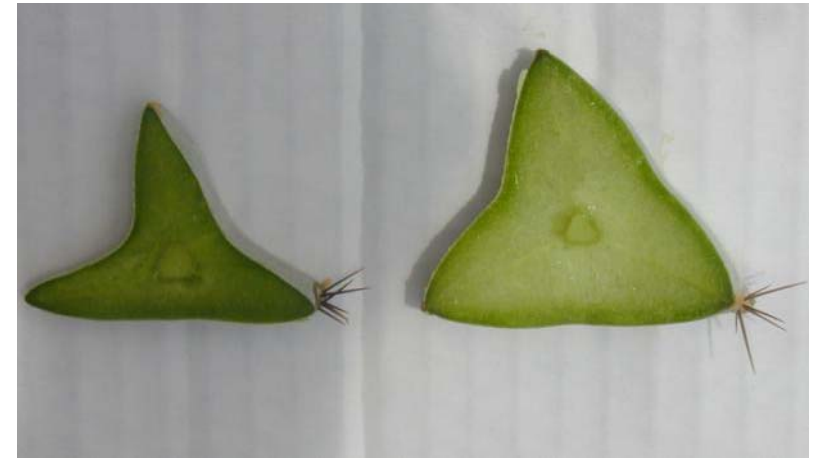
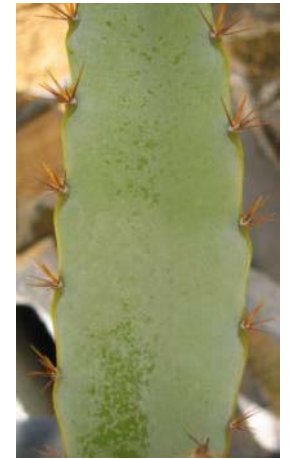
4004

99-854 (4004)

*Hylocereus costaricensis*



4006 70-11-07 (4006)  
*Hylocereus guatemalensis*



4007

10-487 (4007)

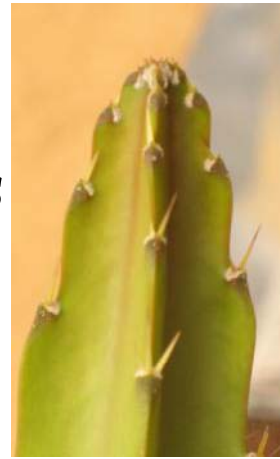
*Hylocereus* sp. (*H. lemaineri*)



4008

94-031 (4008)

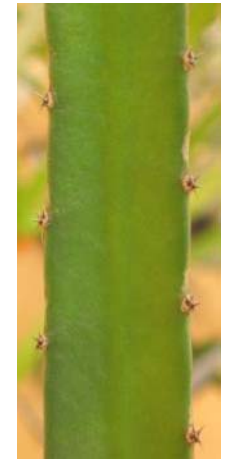
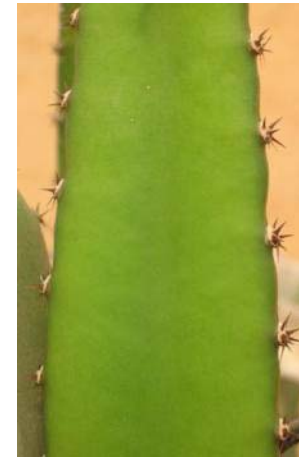
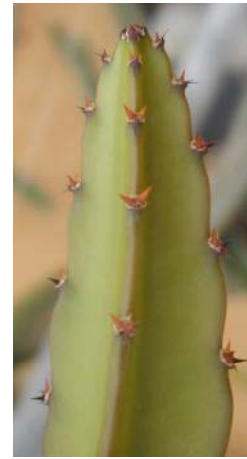
*Hylocereus ocamponis*



4009

89-027 (4009)

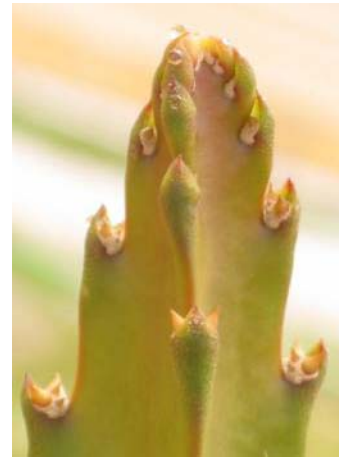
*Hylocereus polyrhizus*



4010

# 97-401 (4010)

*Hylocereus polyrhizus*



4011

**97-402 (4011)**  
*Hylocereus polyrhizus*



4012

**97-403 (4012)**  
*Hylocereus polyrhizus*



4013

**97-404 (4013)**  
*Hylocereus polyrhizus*



4014

89-025 (4014)

*Hylocereus purpusii*



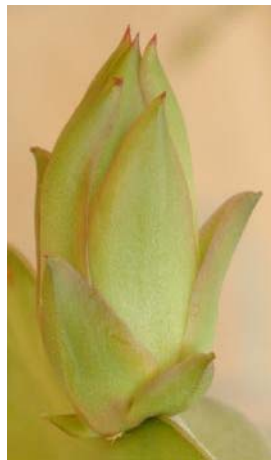
4015

**98-337 (4015)**  
*Hylocereus* sp.

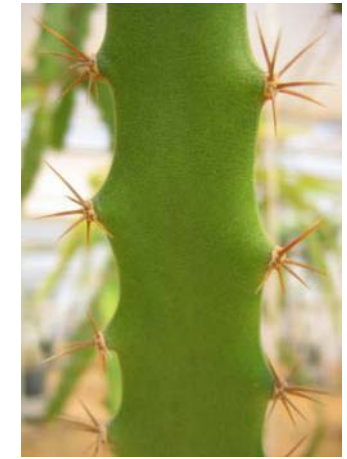


4016

**99-843 (4016)**  
*Hylocereus* sp.



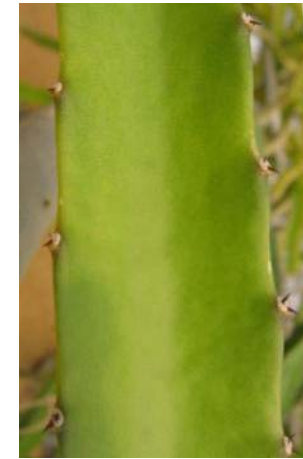
4018 **71-05-03** (4018)  
*Hylocereus triangularis*



4019

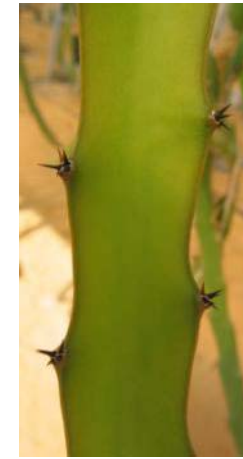
99-858 (4019)

*Hylocereus venezuelensis*



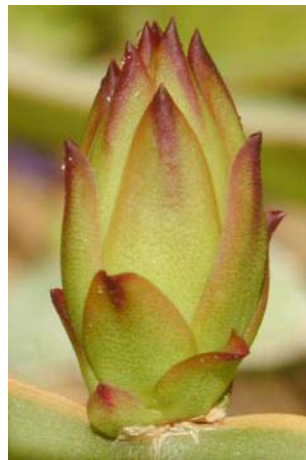
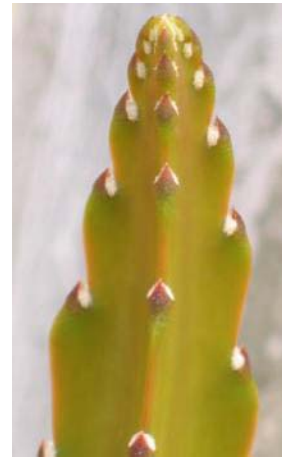
4020

**99-855 (4020)**  
*Hylocereus zabinski*



4021

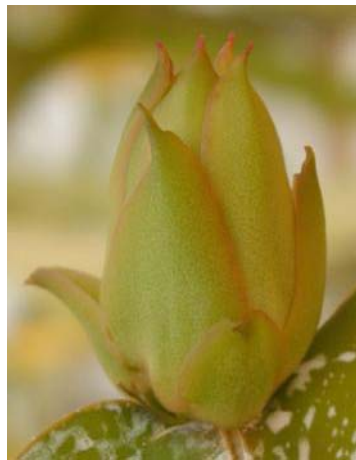
**88-027 (4021)**  
*Hylocereus undatus*



4022

98-334 (4022)

*H. undatus*



4035

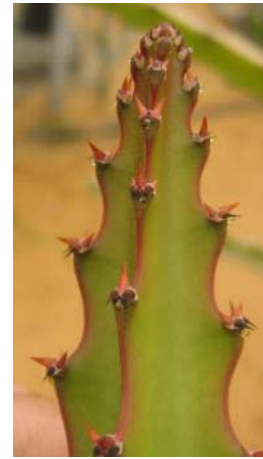
**73-12-32 (4035)**  
*Hylocereus costaricensis*



4044

70-02-11 (4044)

*Hylocereus* sp.



4046

**70-11-02 (4046)**  
*Hylocereus undatus*



4080

89-028 (4080)

*Hylocereus polyrhizus*



4108

70-02-08 (4108)

*Hylocereus* sp.



4093

74-12-08 (4093)  
*Hylocereus lemairei*



4112

**72-04-18 (4112)**  
*Hylocereus lemairei*



4178

99-856 (4178)

*Hylocereus bronxensis*



4179

99-853 (4179)

*Hylocereus esculentensis*

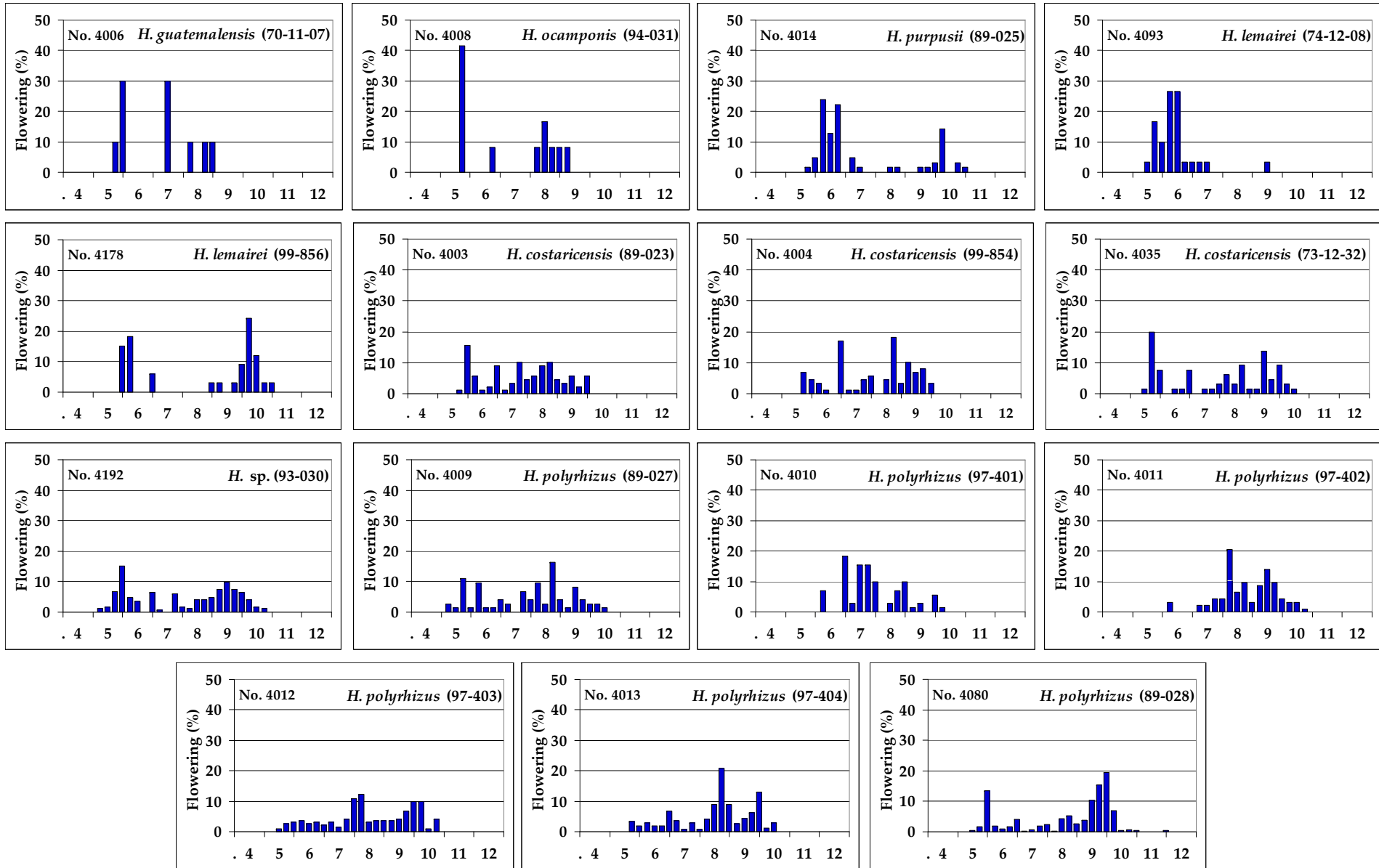


4192

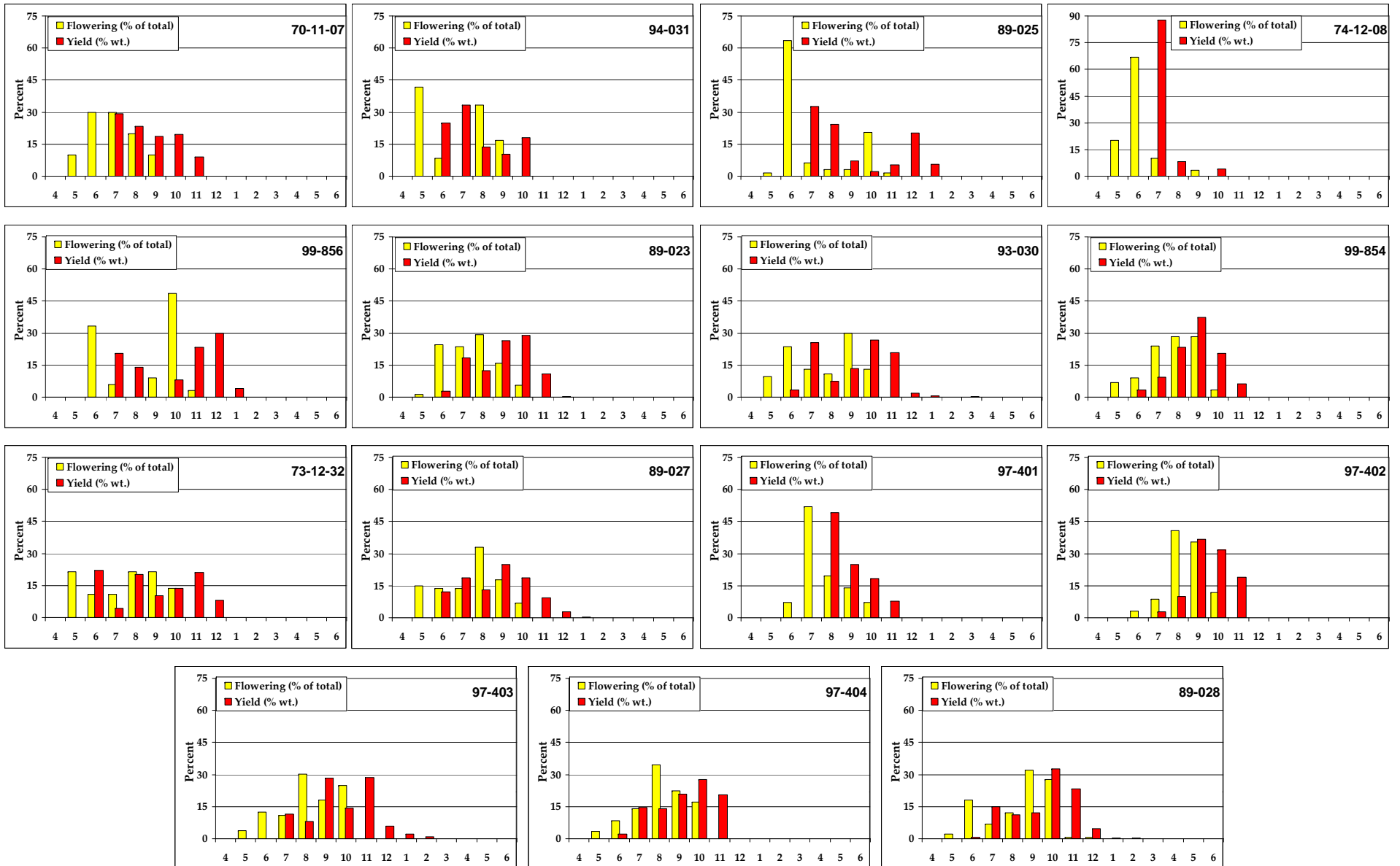
**93-030 (4192)**  
*Hylocereus* sp.



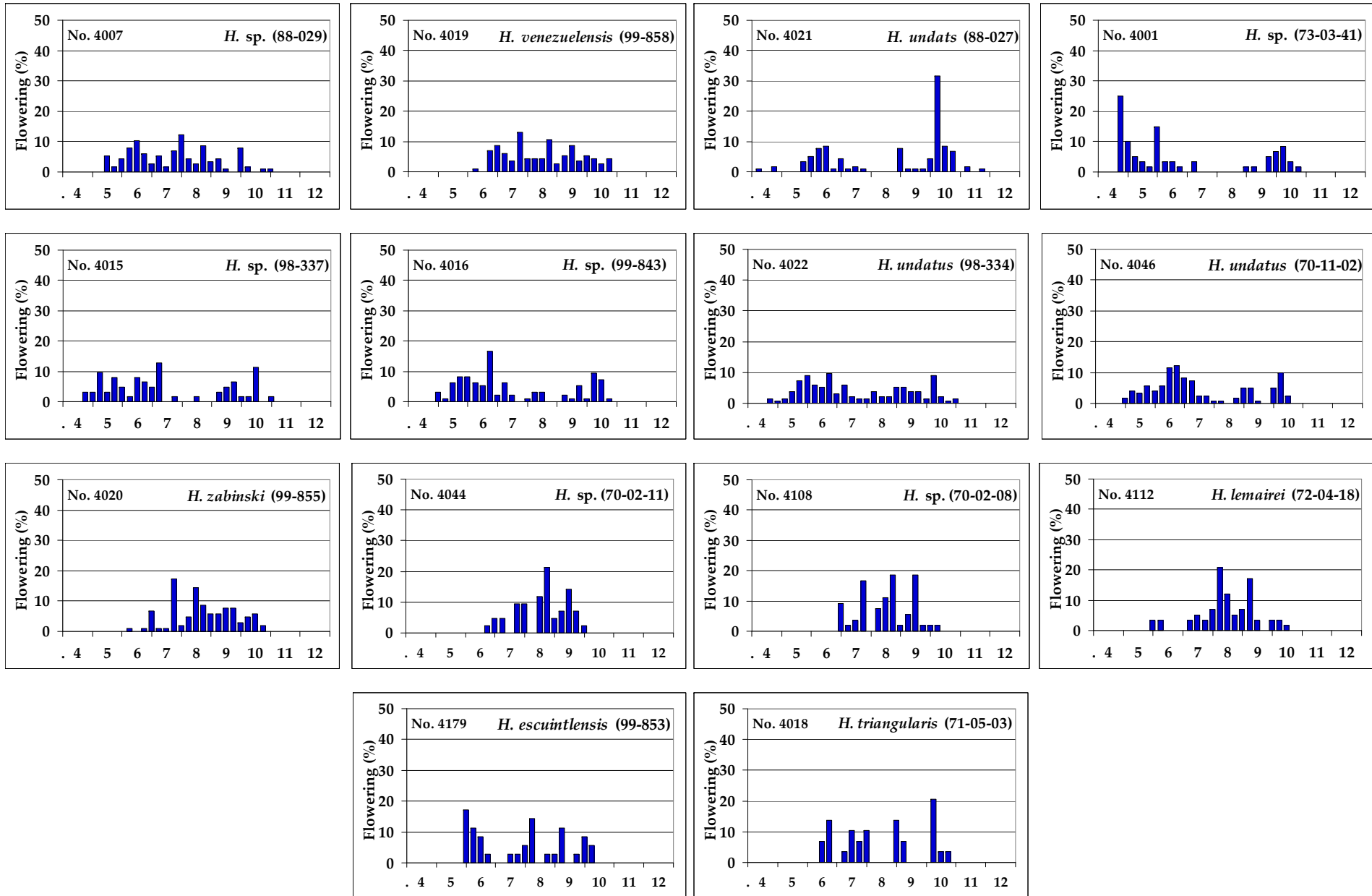
**Fig. Weekly flowering - Waxed plants**



# Fig. Monthly flowering + ripening - Waxed plants



**Fig. Weekly flowering – *Hylocereus* without wax**



**Fig. Monthly flowering + ripening - *Hylocereus* without wax**

