

**Table 5. *H. cydno galanthus*, *H. pachinus*, and hybrid male courtships of *H. cydno galanthus* and *H. pachinus* females**

Males	No. of courtships to:		Total no. of courtships	Preference index	Arcsine transform (angular equivalent)
	<i>cydno</i> female	<i>pachinus</i> female			
<i>H. cydno galanthus</i>					
G113	15	4	19	0.789	61.923
G114	14	5	19	0.737	58.555
G115	10	2	12	0.833	64.431
G116	7	1	8	0.875	66.646
G117	20	1	21	0.952	75.438
G118	14	4	18	0.778	61.116
G119	21	2	23	0.913	71.565
G120	18	3	21	0.857	66.801
G121	16	3	19	0.842	65.582
G122	9	3	12	0.750	59.036
G123	13	2	15	0.867	67.150
G124	19	7	26	0.731	58.327
G125	8	5	13	0.615	51.301
G126	10	2	12	0.833	64.431
G127	11	1	12	0.917	70.829
G128	1	0	1	1.000	62.425
G129	2	0	2	1.000	68.329
G130	1	0	1	1.000	62.425
G131	6	2	8	0.750	58.601
G132	7	4	11	0.636	52.396
G133	12	6	18	0.667	54.332
G134	9	3	12	0.750	59.036
G135	3	0	3	1.000	71.565
G136	13	0	13	1.000	80.494
G137	14	2	16	0.875	67.880
G138	8	1	9	0.889	67.943
G139	14	3	17	0.824	64.148
G140	8	5	13	0.615	51.301

Males	No. of courtships to:		Total no. of courtships	Preference index	Arcsine transform (angular equivalent)
	<i>cydno</i> female	<i>pachinus</i> female			
G141	13	4	17	0.765	60.234
G142	3	0	3	1.000	71.565
G143	27	4	31	0.871	68.210
G144	16	2	18	0.889	69.151
G145	6	0	6	1.000	76.367
G146	11	0	11	1.000	79.709
G147	11	2	13	0.846	65.443
G148	14	1	15	0.933	72.814
G149	6	0	6	1.000	76.367
G150	10	2	12	0.833	64.431
G151	12	3	15	0.800	62.425
G152	13	2	15	0.867	67.150
G153	12	2	14	0.857	66.343
G154	12	3	15	0.800	62.425
G155	12	5	17	0.706	56.613
G156	11	2	13	0.846	65.443
G157	18	1	19	0.947	74.701
<b><i>H. pachinus</i> males</b>					
P78	0	2	2	0.000	21.671
P79	1	15	16	0.063	16.649
P80	4	9	13	0.308	34.338
P81	1	11	12	0.083	19.171
P82	2	9	11	0.182	26.717
P83	1	10	11	0.091	20.004
P84	4	18	22	0.182	26.010
P85	2	16	18	0.111	20.849
P86	0	1	1	0.000	27.575
P87	2	10	12	0.167	25.569
P88	3	9	12	0.250	30.964
P89	1	17	18	0.056	15.712
P90	1	12	13	0.077	18.435
P91	3	11	14	0.214	28.577
P92	2	10	12	0.167	25.569

Males	No. of courtships to:		Total no. of courtships	Preference index	Arcsine transform (angular equivalent)
	<i>cydno</i> female	<i>pachinus</i> female			
P93	2	9	11	0.182	26.717
P94	2	13	15	0.133	22.850
P95	1	15	16	0.063	16.649
P96	0	1	1	0.000	27.575
P97	0	21	21	0.000	7.545
P98	2	11	13	0.154	24.557
P99	3	10	13	0.231	29.698
P100	0	2	2	0.000	21.671
P101	4	17	21	0.190	26.647
P102	2	10	12	0.167	25.569
P103	0	9	9	0.000	11.310
P104	0	12	12	0.000	9.875
P105	0	14	14	0.000	9.175
P106	2	18	20	0.100	19.774
P107	2	22	24	0.083	18.046
P108	2	6	8	0.250	31.399
P109	0	8	8	0.000	11.948
P110	0	12	12	0.000	9.875
P111	0	6	6	0.000	13.633
P112	2	13	15	0.133	22.850
<b>F<sub>1</sub> males: <i>H. pachinus</i> female × <i>H. cydno</i> male</b>					
A1	11	11	22	0.500	45.000
A3	3	7	10	0.300	34.078
A4	11	5	16	0.688	55.495
A6	12	9	21	0.571	48.964
A7	4	6	10	0.400	39.639
A11	10	11	21	0.476	43.682
A14	7	2	9	0.778	60.426
A15	17	19	36	0.472	43.440
A16	2	2	4	0.500	45.000
A17	12	9	21	0.571	48.964
A19	8	10	18	0.444	41.938
A24	13	6	19	0.684	55.379

Males	No. of courtships to:		Total no. of courtships	Preference index	Arcsine transform (angular equivalent)
	<i>cydno</i> female	<i>pachinus</i> female			
A32	9	10	19	0.474	43.549
A34	8	14	22	0.364	37.354
A35	9	13	22	0.409	39.937
A36	9	10	19	0.474	43.549
A38	4	4	8	0.500	45.000
<b>Reverse F<sub>1</sub> males: <i>H. cydno</i> female × <i>H. pachinus</i> male</b>					
C1	8	12	20	0.400	39.443
C5	6	14	20	0.300	33.661
C6	2	8	10	0.200	28.036
C7	3	8	11	0.273	32.408
C9	4	12	16	0.250	30.735
C10	5	10	15	0.333	35.745
C12	4	12	16	0.250	30.735
C13	3	7	10	0.300	34.078
C14	15	12	27	0.556	48.103
C15	9	21	30	0.300	33.515
C17	21	35	56	0.375	37.859
C20	7	2	9	0.778	60.426
<b>F<sub>2</sub>: produced by interbreeding offspring from first F<sub>1</sub> cross (<i>H. pachinus</i> female × <i>H. cydno</i> male)</b>					
B2	14	11	25	0.560	48.345
B3	10	8	18	0.556	48.062
B7	1	3	4	0.250	32.549
B8	2	0	2	1.000	68.329
B9	9	10	19	0.474	43.549
B10	4	7	11	0.364	37.604
B11	2	1	3	0.667	52.733
B14	1	5	6	0.167	26.829
B19	3	8	11	0.273	32.408
B21	2	1	3	0.667	52.733
B22	3	9	12	0.250	30.964
B24	5	5	10	0.500	45.000
B26	2	9	11	0.182	26.717
B32	8	18	26	0.308	34.024

Males	No. of courtships to:		Total no. of courtships	Preference index	Arcsine transform (angular equivalent)
	<i>cydno</i> female	<i>pachinus</i> female			
B33	15	4	19	0.789	61.923
B34	4	2	6	0.667	53.618
B36	6	1	7	0.857	65.089
B37	7	0	7	1.000	77.293
B43	14	5	19	0.737	58.555
B44	8	1	9	0.889	67.943
B46	9	5	14	0.643	52.867
B49	22	4	26	0.846	66.146
B50	3	2	5	0.600	50.008
B51	10	35	45	0.222	28.438
B55	7	5	12	0.583	49.512
B56	25	3	28	0.893	69.963
B62	0	2	2	0.000	21.671
B64	9	9	18	0.500	45.000
B65	1	2	3	0.333	37.267
<b><i>H. cydno</i> backcross: female from first F<sub>1</sub> cross (<i>H. pachinus</i> female × <i>H. cydno</i> male) × <i>H. cydno</i> male</b>					
D3	12	5	17	0.706	56.613
D4	4	0	4	1.000	73.682
D7	7	2	9	0.778	60.426
D9	12	4	16	0.750	59.265
D10	14	5	19	0.737	58.555
D16	22	2	24	0.917	71.954
D17	19	10	29	0.655	53.805
D18	36	4	40	0.900	70.873
D19	14	1	15	0.933	72.814
D21	39	5	44	0.886	69.722
D23	27	4	31	0.871	68.210