Jul-23

site		environment						w
location	**plot**	**veget**	**bare**	**solid**	**shade**	**nectar**	**date**	**time**
L01a	playgr	62	30	8	20	0.4	7/2/2023	11:30
L01b	control	90	10	0	20	0.9	7/2/2023	11:50
L02a	playgr	30	70	0	40	0.3	7/2/2023	12:43
L02b	control	90	10	0	35	0.7	7/2/2023	13:30
L03a	playgr	70	30	10	5	0.8	7/2/2023	14:45
L03b	control	95	5	0	5	1.3	7/2/2023	15:30
L04a	playgr	50	5	45	10	0.5	7/2/2023	16:20
L04b	control	100	0	0	5	0.3	7/2/2023	16:45
L05a	playgr	5	85	10	3	0.3	7/2/2023	17:40
L05b	control	98	2	0	10	0.3	7/2/2023	18:00
L06a	playgr	55	40	5	40	0.1	7/2/2023	18:40
L06b	control	85	15	0	35	0.8	7/2/2023	18:58
L07a	playgr	1	9	90	15	0.1	7/3/2023	10:10
L07b	control	97	3	0	15	0.6	7/3/2023	10:35
L08a	playgr	55	35	10	30	1.9	7/3/2023	11:05
L08b	control	85	15	0	20	1.7	7/3/2023	11:58
L09a	playgr	35	35	30	40	0.1	7/3/2023	12:40
L09b	control	75	25	0	30	0.7	7/3/2023	13:10
L10a	playgr	65	20	15	35	0.2	7/3/2023	13:50
L10b	control	95	5	0	15	1.5	7/3/2023	14:15
L11a	playgr	50	10	40	30	0.9	7/3/2023	15:15
L11b	control	90	10	0	25	1.2	7/3/2023	15:38
L12a	playgr	15	75	10	20	0.6	7/3/2023	16:40
L12b	control	95	5	0	15	0.8	7/3/2023	17:00
L13a	playgr	45	25	30	50	1.5	7/3/2023	18:25
L13b	control	95	5	0	50	0.8	7/3/2023	18:55
L14a	playgr	55	5	40	5	2.0	7/4/2023	10:55
L14b	control	90	10	0	5	1.3	7/4/2023	11:20
L15a	playgr	25	40	35	35	0.1	7/4/2023	12:00
L15b	control	95	5	0	30	0.3	7/4/2023	12:20
L16a	playgr	50	20	30	15	1.5	7/4/2023	12:45
L16b	control	65	15	20	10	1.0	7/4/2023	13:10
L17a	playgr	65	35	0	5	0.7	7/4/2023	15:00
L17b	control	90	10	0	0	0.5	7/4/2023	15:25
L18a	playgr	60	35	5	50	1.3	7/4/2023	16:25
L18b	control	80	20	0	60	0.9	7/4/2023	16:45
L19a	playgr	75	25	0	80	0.2	7/4/2023	17:30
L19b	control	95	5	0	55	0.3	7/4/2023	17:45
L20a	playgr	50	15	35	35	0.1	7/4/2023	18:45
L20b	control	95	5	0	10	0.3	7/4/2023	19:00
L21a	playgr	15	80	5	40	0.4	7/5/2023	9:20
L21b	control	85	15	0	15	0.8	7/5/2023	9:45
L22a	playgr	25	5	70	25	0.7	7/5/2023	10:10
L22b	control	20	80	0	30	0.4	7/5/2023	10:45
L23a	playgr	20	20	60	50	2.7	7/5/2023	11:15
L23b	control	75	15	10	20	3.0	7/5/2023	11:45
L24a	playgr	25	15	60	40	0.2	7/5/2023	12:30

L24b	control	90	10	0	50	0.5	7/5/2023	12:45
L25a	playgr	0	10	90	5	0.0	7/5/2023	13:13
L25b	control	65	15	20	0	0.8	7/5/2023	13:25
L26a	playgr	15	45	40	30	0.0	7/5/2023	14:20
L26b	control	90	10	0	5	0.3	7/5/2023	14:35
L27a	playgr	20	15	65	20	0.2	7/5/2023	17:40
L27b	control	95	5	0	10	0.1	7/5/2023	18:10
L28a	playgr	85	15	0	30	0.3	7/6/2023	9:40
L28b	control	95	5	0	35	0.9	7/6/2023	10:20
L29a	playgr	40	60	0	40	0.7	7/6/2023	10:50
L29b	control	95	5	0	45	1.9	7/6/2023	11:15
L30a	playgr	70	20	10	15	0.7	7/6/2023	11:45
L30b	control	95	5	0	10	0.2	7/6/2023	12:00
L31a	playgr	40	45	15	40	0.7	7/6/2023	12:40
L31b	control	95	5	0	30	0.4	7/6/2023	13:15
L32a	playgr	60	40	0	40	0.7	7/6/2023	13:50
L32b	control	95	5	0	50	0.5	7/6/2023	14:15
L33a	playgr	55	30	15	35	0.2	7/6/2023	15:00
L33b	control	90	10	0	30	0.5	7/6/2023	15:20
L34a	playgr	15	50	35	40	0.1	7/6/2023	16:20
L34b	control	97	0	3	30	0.7	7/6/2023	16:40
L35a	playgr	40	60	0	10	0.4	7/6/2023	17:30
L35b	control	85	15	0	30	0.6	7/6/2023	17:50
L36a	playgr	55	40	5	10	0.5	7/7/2023	9:15
L36b	control	80	20	0	15	0.7	7/7/2023	9:25
L37a	playgr	95	5	0	10	0.7	7/7/2023	10:50
L37b	control	95	5	0	15	0.8	7/7/2023	11:15
L38a	playgr	5	85	10	5	0.3	7/7/2023	12:10
L38b	control	90	10	0	20	1.4	7/7/2023	12:30
L39a	playgr	40	45	15	30	0.2	7/7/2023	13:30
L39b	control	80	20	0	5	0.9	7/7/2023	13:50
L40a	playgr	80	20	0	30	0.1	7/7/2023	15:10
L40b	control	80	20	0	40	1.5	7/7/2023	15:40
L41a	playgr	75	20	5	50	0.6	7/7/2023	16:45
L41b	control	85	15	0	35	0.9	7/7/2023	16:59

Aug-23

site				environment				w
location	**plot**	**veget**	**bare**	**solid**	**shade**	**nectar**	**date**	**time**
L01a	playgr	62	30	8	20	0.1	8/12/2023	10:30
L01b	control	90	10	0	20	0.4	8/12/2023	10:50
L02a	playgr	30	70	0	40	0.1	8/12/2023	11:20
L02b	control	90	10	0	35	0.6	8/12/2023	11:40
L03a	playgr	70	30	10	5	0.2	8/12/2023	12:16
L03b	control	95	5	0	5	0.2	8/12/2023	12:35
L04a	playgr	50	5	45	10	0.6	8/12/2023	13:00
L04b	control	100	0	0	5	0.1	8/12/2023	13:25
L05a	playgr	5	85	10	3	0.4	8/12/2023	14:42
L05b	control	98	2	0	10	1.7	8/12/2023	15:00

L06a	playgr	55	40	5	40	1.2	8/12/2023	15:35
L06b	control	85	15	0	35	0.3	8/12/2023	16:00
L07a	playgr	1	9	90	15	0.2	8/14/2023	8:10
L07b	control	97	3	0	15	0.3	8/14/2023	8:25
L08a	playgr	55	35	10	30	1.3	8/14/2023	8:57
L08b	control	85	15	0	20	3	8/14/2023	9:18
L09a	playgr	35	35	30	40	0.3	8/14/2023	9:55
L09b	control	75	25	0	30	1.4	8/14/2023	10:15
L10a	playgr	65	20	15	35	0.7	8/14/2023	10:45
L10b	control	95	5	0	15	1	8/14/2023	11:05
L11a	playgr	50	10	40	30	0.3	8/14/2023	12:55
L11b	control	90	10	0	25	0.5	8/14/2023	13:15
L12a	playgr	15	75	10	20	0.3	8/14/2023	12:05
L12b	control	95	5	0	15	1.2	8/14/2023	12:20
L13a	playgr	45	25	30	50	0.5	8/13/2023	12:40
L13b	control	95	5	0	50	1.5	8/13/2023	13:15
L14a	playgr	55	5	40	5	2	8/13/2023	13:45
L14b	control	90	10	0	5	0.5	8/13/2023	14:05
L15a	playgr	25	40	35	35	0.3	8/13/2023	15:50
L15b	control	95	5	0	30	0.6	8/13/2023	16:10
L16a	playgr	50	20	30	15	0.7	8/16/2023	10:50
L16b	control	65	15	20	10	1.8	8/16/2023	11:15
L17a	playgr	65	35	0	5	0.2	8/14/2023	17:00
L17b	control	90	10	0	0	1.4	8/14/2023	17:20
L18a	playgr	60	35	5	50	0.4	8/14/2023	15:13
L18b	control	80	20	0	60	0.7	8/14/2023	15:26
L19a	playgr	75	25	0	80	0.1	8/14/2023	16:03
L19b	control	95	5	0	55	0.8	8/14/2023	16:18
L20a	playgr	50	15	35	35	0.5	8/14/2023	13:48
L20b	control	95	5	0	10	0.7	8/14/2023	14:10
L21a	playgr	15	80	5	40	0.2	8/15/2023	8:30
L21b	control	85	15	0	15	0.3	8/15/2023	8:45
L22a	playgr	25	5	70	25	0.6	8/15/2023	9:10
L22b	control	20	80	0	30	0.6	8/15/2023	9:30
L23a	playgr	20	20	60	50	2	8/15/2023	9:00
L23b	control	75	15	10	20	2.5	8/15/2023	10:20
L24a	playgr	25	15	60	40	0.4	8/15/2023	10:50
L24b	control	90	10	0	50	0.3	8/15/2023	11:11
L25a	playgr	0	10	90	5	0	8/14/2023	18:35
L25b	control	65	15	20	0	0.2	8/14/2023	18:50
L26a	playgr	15	45	40	30	0	8/15/2023	13:00
L26b	control	90	10	0	5	0.5	8/15/2023	13:15
L27a	playgr	20	15	65	20	0.2	8/15/2023	12:02
L27b	control	95	5	0	10	0.6	8/15/2023	12:25
L28a	playgr	85	15	0	30	0.3	8/12/2023	16:55
L28b	control	95	5	0	35	1.4	8/12/2023	16:35
L29a	playgr	40	60	0	40	0.5	8/15/2023	16:14
L29b	control	95	5	0	45	0.7	8/15/2023	16:30
L30a	playgr	70	20	10	15	0.3	8/15/2023	15:35
L30b	control	95	5	0	10	0	8/15/2023	15:55

L31a	playgr	40	45	15	40	0.2	8/15/2023	14:50
L31b	control	95	5	0	30	0.4	8/15/2023	15:10
L32a	playgr	60	40	0	40	0.4	8/15/2023	13:40
L32b	control	95	5	0	50	0.5	8/15/2023	13:58
L33a	playgr	55	30	15	35	0	8/15/2023	17:20
L33b	control	90	10	0	30	0	8/15/2023	17:35
L34a	playgr	15	50	35	40	0.1	8/14/2023	18:00
L34b	control	97	0	3	30	0.3	8/14/2023	18:15
L35a	playgr	40	60	0	10	0.2	8/12/2023	17:50
L35b	control	85	15	0	30	0.1	8/12/2023	18:10
L36a	playgr	55	40	5	10	0.7	8/12/2023	13:48
L36b	control	80	20	0	15	1	8/12/2023	14:10
L37a	playgr	95	5	0	10	0.6	8/13/2023	14:45
L37b	control	95	5	0	15	0.8	8/13/2023	15:10
L38a	playgr	5	85	10	5	0.3	8/13/2023	12:00
L38b	control	90	10	0	20	1.3	8/13/2023	11:40
L39a	playgr	40	45	15	30	0.3	8/13/2023	10:35
L39a	control	80	20	0	5	0.6	8/13/2023	10:55
L40a	playgr	80	20	0	30	0.3	8/13/2023	9:28
L40b	control	80	20	0	40	0.1	8/13/2023	9:42
L41a	playgr	75	20	5	50	0.7	8/13/2023	8:20
L41b	control	85	15	0	35	1.7	8/13/2023	8:45

eather		species data						
temp	sky	Anthidium	Anthidium	Anthidium	Anthidium	Anthidiellu	Anthidiellu	Hoplitis ad
22	Partly cloudy	0	0	0	0	0	0	0
22	Partly cloudy	0	0	0	0	0	0	0
22	Partly cloudy	0	0	0	0	0	0	0
22	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	1	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
21	Partly cloudy	0	0	0	0	0	0	0
21	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	1	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
27	Partly cloudy	0	1	0	0	0	0	0
27	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	1
23	Partly cloudy	0	0	2	1	0	0	1
23	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	2	1	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
23	Sunny	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
23	Sunny	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0

25	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
28	Partly cloudy	0	0	0	0	0	0	0
28	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
21	Sunny	0	0	0	0	0	0	0
21	Sunny	0	0	0	0	0	0	0
24	Sunny	0	0	0	0	0	0	0
24	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
25	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
24	Sunny	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	1	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
20	Sunny	0	0	0	0	0	0	0
20	Sunny	0	0	0	1	0	1	0
24	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
30	Sunny	0	0	0	0	0	0	0
30	Sunny	0	0	0	1	0	0	0
31	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
30	Sunny	0	0	0	0	0	0	0
30	Sunny	0	0	1	0	0	0	0

eather		species data						
temp	**sky**	**Anthidium**	**Anthidium**	**Anthidium**	**Anthidium**	**Anthidiellu**	**Anthidiellu**	**Hoplitis ad**
26	Sunny	0	0	0	0	0	0	0
26	Sunny	0	0	0	0	0	0	0
27	Sunny	0	0	0	0	0	0	0
27	Sunny	0	0	0	0	0	0	0
29	Sunny	0	0	0	0	0	0	0
29	Sunny	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0

31	Partly cloudy	0	0	0	0	0	0	0
31	Partly cloudy	0	0	0	0	0	0	0
22	Sunny	0	0	0	0	0	0	0
22	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
27	Sunny	0	0	0	0	0	0	0
27	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
29	Partly cloudy	0	0	0	0	0	0	0
29	Partly cloudy	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
27	Partly cloudy	0	0	0	0	0	0	0
27	Partly cloudy	0	0	0	0	0	0	0
28	Partly cloudy	0	0	0	0	0	0	0
28	Partly cloudy	0	0	0	0	0	0	0
27	Partly cloudy	0	0	0	0	0	0	0
27	Partly cloudy	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	1	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	1	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
22	Sunny	0	0	0	0	0	0	0
22	Sunny	0	0	0	0	0	0	0
24	Sunny	0	0	0	0	0	0	0
24	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
25	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
28	Sunny	0	0	0	0	0	0	0
32	Partly cloudy	0	0	0	0	0	0	0
32	Partly cloudy	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
29	Sunny	0	0	0	0	0	0	0
29	Sunny	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
32	Sunny	0	1	0	0	0	0	0
32	Sunny	0	2	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0

32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
32	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
31	Sunny	0	0	0	0	0	0	0
30	Sunny	0	0	0	0	0	0	0
30	Sunny	1	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
30	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
26	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
24	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
23	Partly cloudy	0	0	0	0	0	0	0
21	Partly cloudy	0	0	0	0	0	0	0
21	Partly cloudy	0	0	0	0	0	0	0

Hoplitis ad	Osmia cae	Osmia cae	Megachile	Megachile	Megachile	Megachile	Megachile	Megachile
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0
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0	0	0	1	0	1	0	0	0
0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Hoplitis ad	Osmia cae	Osmia cae	Megachile	Megachile	Megachile	Megachile	Megachile	Megachile
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0

Megachile	Megachile	Megachile	Megachi	Chelostom	Chalicod	Chalicodor	Trachusa	Trachusa b
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	1
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0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0

Megachile	Megachile	Megachile	Megachil	Chelostom	Chalicod	Chalicodor	Trachusa	Trachusa b
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Chelosto	Chelosto	Heriades	Heriades t	Heriades	Hoplitis	Hoplitis le	Megachile	Andrena
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1
2	0	0	1	0	0	0	1	0
0	1	0	0	0	0	0	0	0
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0	0	2	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	1	0	0	0	0	0	0
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0	0	0	0	0	1	5	0	0
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0	0	0	0	0	1	0	0	0
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0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	1	0	1	0	0	0

Chelosto	Chelosto	Heriades	Heriades t	Heriades	Hoplitis	Hoplitis le	Megachile	Andrena
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	0	0

Andrena	Andrena b	Andrena	Andrena	Andrena	Andrena	Andrena s	Andrena	Andrena
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1	0	0	0	0	3	0	1	0
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0	0	1	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Andrena	Andrena b	Andrena	Andrena	Andrena	Andrena	Andrena s	Andrena	Andrena
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Andrena	Colletes	Colletes da	Colletes	Colletes sii	Hylaeus	Hylaeus ni	Hylaeus	Hylaeus co
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	2	1	0	0	0	0	1	0
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1	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3	1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0

Andrena	Colletes	Colletes da	Colletes	Colletes sii	Hylaeus	Hylaeus ni	Hylaeus	Hylaeus co
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	1

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0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	2	1
0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	1	1
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	4	0
0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0

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0	0	0	1	0	0	0	0	0

Hylaeus	Hylaeus hy	Hylaeus	Hylaeus co	Hylaeus	Hylaeus br	Hylaeus	Hylaeus gr	Hylaeus
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Hylaeus	Hylaeus hy	Hylaeus	Hylaeus co	Hylaeus	Hylaeus br	Hylaeus	Hylaeus gr	Hylaeus
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Hylaeus st	Hylaeus	Hylaeus le	Hylaeus pu	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglossu
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0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	6	3	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0

Hylaeus st	Hylaeus	Hylaeus le	Hylaeus pu	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglossu
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0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	2	1	0	0	0

Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo
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0	0	2	0	0	0	0	1	0
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Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo	Lasioglo
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Lasioglo	Lasioglo	Lasioglo	Lasioglossi	Lasioglossi	Lasioglossi	Lasioglossi	Sphecodes	Sphecodes
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Lasioglo	Lasioglo	Lasioglo	Lasioglossi	Lasioglossi	Lasioglossi	Lasioglossi	Sphecodes	Sphecodes
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0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	1	1	0	0	2	0	0	0

Halictus	Halictus	Halictus	Halictus	Halictus	Rhophitc	Rophites s	Halictus	Halictus ru
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4	0	0	0	0	0	0	0	0
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1	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0

Halictus	Halictus	Halictus	Halictus	Halictus	Rhophitc	Rophites s	Halictus	Halictus ru
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0	1	2	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0
9	2	3	0	0	0	0	0	1
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0	1	0	0	0	0	1	3	1
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0	0	1	0	0	0	0	1	0
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0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
6	0	3	0	0	0	0	0	2
0	0	1	0	0	0	0	0	0
2	0	0	0	1	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	0	1
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	3	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1
0	0	4	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0
2	0	1	0	0	0	0	0	0

Halictus	Halictus sc	Halictus	Halictus	Halictus	Halictus	Melitta l	Melitta lep	Macropis
0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	3	0	0	0	0
0	0	0	0	2	0	0	0	0
0	0	1	0	2	1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0
0	0	3	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0
0	0	3	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	3	0	3	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	5	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	3	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	2	0	3	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1
0	0	1	0	1	0	0	0	0
3	0	1	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0
0	0	2	0	3	1	0	0	0
0	0	5	0	9	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	1	0	7	4	0	0	0
0	0	5	0	2	0	0	0	0
0	0	1	0	1	0	1	0	0
0	0	1	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	6	1	0	3	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
0	0	2	1	2	1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	1	0	0	0	0	0	0

Halictus	Halictus sc	Halictus	Halictus	Halictus	Halictus	Melitta l	Melitta lep	Macropis
0	0	0	0	0	0	0	0	0
0	0	0	4	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	1	8	1	8	0	0	0

0	0	1	0	1	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0
1	0	0	4	1	3	0	0	0
0	0	0	0	0	0	0	0	0
0	1	2	2	0	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	2	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	2	1	0	0	1	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	1	0	0	0	0	0
0	3	0	0	0	12	0	0	0
0	0	0	1	0	1	0	0	0
0	0	1	1	1	0	0	0	0
0	0	1	0	0	2	0	0	0
0	0	3	0	4	0	0	0	0
1	1	3	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	9	0	4	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	10	0	0	0	0	0
0	0	1	5	0	0	0	0	0
0	0	2	1	0	1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	1	2	3	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	1	0	0	2	0	0	0
0	0	0	1	0	0	0	0	0
0	0	2	1	0	0	0	0	0
0	0	3	0	0	0	0	0	0
0	0	0	3	0	2	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	1	2	0	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	2	0	0	0	0
0	1	0	2	1	2	0	0	0
0	0	0	0	0	1	0	0	0
0	0	0	6	0	1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0

Macropis (	Clisodon fu	Nomada	Nomada	Anthoph	Anthophoı	Anthophora aestivalis, F
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	3	0	1
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	1	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	1	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	0	0	0	0	0
0	0	0	2	0	1	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

Macropis e	Clisodon fu	Nomada	Nomada	Anthoph	Anthophor	Anthophora aestivalis, F
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

Jul-23

site environment

weather

species data