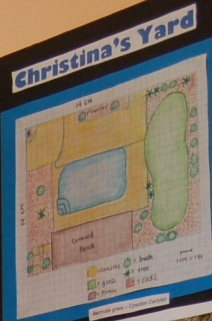


Does the Presence of Water Effect the Birds in a Backyard ?



Abstract

The conclusion on this experiment was that the presence of water in a backyard has a significant effect on the number of birds that visit. The data showed that yards with water had a higher number of bird species and a higher number of birds overall compared to yards without water.

Procedure

To acquire the data needed for this experiment, we followed a very strict procedure. We chose a number of days when there was no rain and no other weather events. We then visited each yard at the same time each day. We counted the number of birds that visited each yard and recorded the species of each bird.

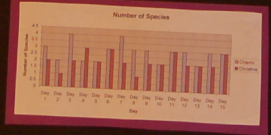
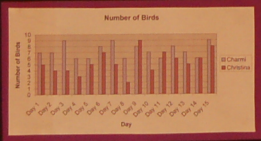
Conclusion

In this experiment we tested the hypothesis that the presence of water in a backyard has a significant effect on the number of birds that visit. The data showed that yards with water had a higher number of bird species and a higher number of birds overall compared to yards without water.

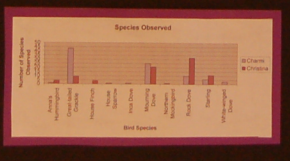
Hypotheses

We predicted that the presence of water in a backyard would have a positive effect on the number of birds that visit. We also predicted that the presence of water would have a positive effect on the number of bird species that visit.

Results



Count Number	Charm's	Christina's
1	1	0
2	2	1
3	1	0
4	3	2
5	2	1
6	4	3
7	3	2
8	5	4
9	4	3
10	6	5
11	5	4
12	7	6
13	6	5
14	8	7
15	7	6
16	9	8
17	8	7
18	10	9
19	9	8
20	11	10
21	10	9
22	12	11
23	11	10
24	13	12
25	12	11
26	14	13
27	13	12
28	15	14
29	14	13
30	16	15
31	15	14
32	17	16
33	16	15
34	18	17
35	17	16
36	19	18
37	18	17
38	20	19
39	19	18
40	21	20
41	20	19
42	22	21
43	21	20
44	23	22
45	22	21
46	24	23
47	23	22
48	25	24
49	24	23
50	26	25
51	25	24
52	27	26
53	26	25
54	28	27
55	27	26
56	29	28
57	28	27
58	30	29
59	29	28
60	31	30
61	30	29
62	32	31
63	31	30
64	33	32
65	32	31
66	34	33
67	33	32
68	35	34
69	34	33
70	36	35
71	35	34
72	37	36
73	36	35
74	38	37
75	37	36
76	39	38
77	38	37
78	40	39
79	39	38
80	41	40
81	40	39
82	42	41
83	41	40
84	43	42
85	42	41
86	44	43
87	43	42
88	45	44
89	44	43
90	46	45
91	45	44
92	47	46
93	46	45
94	48	47
95	47	46
96	49	48
97	48	47
98	50	49
99	49	48
100	51	50



Count Number	Charm's	Christina's
1	1	0
2	2	1
3	1	0
4	3	2
5	2	1
6	4	3
7	3	2
8	5	4
9	4	3
10	6	5
11	5	4
12	7	6
13	6	5
14	8	7
15	7	6
16	9	8
17	8	7
18	10	9
19	9	8
20	11	10
21	10	9
22	12	11
23	11	10
24	13	12
25	12	11
26	14	13
27	13	12
28	15	14
29	14	13
30	16	15
31	15	14
32	17	16
33	16	15
34	18	17
35	17	16
36	19	18
37	18	17
38	20	19
39	19	18
40	21	20
41	20	19
42	22	21
43	21	20
44	23	22
45	22	21
46	24	23
47	23	22
48	25	24
49	24	23
50	26	25
51	25	24
52	27	26
53	26	25
54	28	27
55	27	26
56	29	28
57	28	27
58	30	29
59	29	28
60	31	30
61	30	29
62	32	31
63	31	30
64	33	32
65	32	31
66	34	33
67	33	32
68	35	34
69	34	33
70	36	35
71	35	34
72	37	36
73	36	35
74	38	37
75	37	36
76	39	38
77	38	37
78	40	39
79	39	38
80	41	40
81	40	39
82	42	41
83	41	40
84	43	42
85	42	41
86	44	43
87	43	42
88	45	44
89	44	43
90	46	45
91	45	44
92	47	46
93	46	45
94	48	47
95	47	46
96	49	48
97	48	47
98	50	49
99	49	48
100	51	50

amount of between yards ?

