S1 Richness data. One-hundred simulations were perfomred for each of the six scenarios where transitoons in the resource supply concentrations were either sudden or gradual, and the amount of noise in the resource supply concentrations was either none, 0-20% or 0-80%.

	Sudden Transitions			Gradual Transitions		
simulation	No Noise	0-20% Noise	0-80% Noise	No Noise	0-20% Noise	0-80% Noise
1	13	12	6	9	14	8
2	6	9	4	12	12	12
3	11	13	4	12	20	15
4	10	13	7	10	11	17
5	12	11	5	10	9	14
6	19	16	10	11	15	12
7	8	8	6	11	18	12
8	9	17	5	14	16	9
9	6	8	7	15	12	15
10	13	12	9	14	15	6
11	14	9	8	11	12	12
12	9	9	9	15	8	12
13	12	10	11	11	10	16
14	11	6	9	8	14	9
15	13	4	4	11	15	13
16	12	10	5	12	12	13
17	12	4	6	13	11	9
18	14	10	4	16	10	14
19	8	11	6	9	16	8
20	10	20	8	11	16	16
21	7	6	8	9	11	14
22	14	10	7	8	14	12
23	13	10	8	14	12	13
24	5	17	8	14	17	11
25	12	15	10	9	11	9
26	12	9	9	14	10	8
27	12	10	10	11	10	16
28	12	13	6	8	13	7
29	11	12	12	20	16	14
30	10	10	5	10	17	10
31	11	17	8	16	15	10
32	11	12	7	13	13	9
33	9	11	8	19	16	13
34	9	7	9	16	13	11
35	8	9	9	8	12	12
36	11	12	5	13	17	10

37	7	14	7	13	12	15
38	18	16	10	10	16	12
39	14	13	7	12	14	12
40	12	13	10	15	10	13
41	10	14	4	9	16	12
42	12	8	9	9	14	11
43	8	14	6	12	10	11
44	12	12	6	14	12	14
45	7	13	6	12	15	12
46	4	9	13	10	17	9
47	9	10	5	8	18	16
48	11	10	10	9	14	14
49	15	14	7	11	13	13
50	6	10	7	11	18	11
51	12	10	7	14	8	13
52	6	10	4	13	10	15
53	6	11	7	14	18	11
54	8	12	3	17	17	11
55	19	12	8	12	13	7
56	10	9	7	14	17	14
57	9	19	10	11	15	9
58	16	15	14	13	13	16
59	8	11	8	6	13	11
60	10	13	7	15	13	12
61	6	9	5	15	17	13
62	13	12	3	14	9	15
63	16	10	6	9	23	7
64	7	11	8	13	16	12
65	10	9	14	12	15	10
66	10	12	8	12	17	14
67	13	16	8	14	16	12
68	11	12	6	10	12	8
69	11	16	5	15	11	13
70	17	13	6	14	12	12
71	8	13	7	8	14	11
72	12	14	13	9	18	9
73	13	12	3	10	15	10
74	13	12	8	15	15	14
75	9	10	5	9	13	11
76	12	10	9	15	12	13
77	10	9	7	9	19	14
78	12	15	14	17	12	12

79	6	13	6	12	13	11
80	5	14	5	15	15	8
81	12	12	10	11	15	13
82	8	13	5	8	13	12
83	12	12	13	11	14	12
84	7	11	11	9	17	12
85	11	12	6	10	19	10
86	15	9	15	8	14	12
87	13	13	5	14	20	15
88	18	11	14	12	16	18
89	11	9	10	12	20	13
90	7	16	10	8	13	10
91	11	14	12	11	16	9
92	17	8	6	7	14	9
93	13	14	9	10	11	11
94	13	22	7	10	16	11
95	6	12	6	11	12	14
96	11	12	2	16	11	11
97	6	21	9	8	12	8
98	7	8	7	18	15	15
99	10	17	8	9	15	11
100	9	9	5	13	13	8