SIMPSON INDEX (The highest value, the highest biodiversity). This index is based on richness (number of species) and evennes (relative abundance of each species).

ECOSYSTEM NUMBER	1	2	3	4	5	6

QUADRATS SELECTION (5 quadrats or tiles chosen at random per trial)

TRIAL 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
TRIAL 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
TRIAL 3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Species	Blue	n	Green	n	Yellow	n	Red	n	Pink	n	White	n	Brown	n	Grey	n	Orange	n	TOTAL N
Abundance TRIAL 1																			
Abundance TRIAL 1																			
Abundance TRIAL 3																			

$$SIMPSON\ INDEX = \frac{N\ x\ (N-1)}{\sum n\ x\ (n-1)}$$

SIMPSON'S INDEX TRIAL 1	
SIMPSON'S INDEX TRIAL 2	
SIMPSON'S INDEX TRIAL 3	
AVERAGE	