

Use of digital photography as a tool for learning in ecology.



1. Set up a belt transect on the bog surface where there is a clear undulating pattern of hummocks, lawns and pools.
2. Lay a tape measure along the bog surface to show the position of the transect.



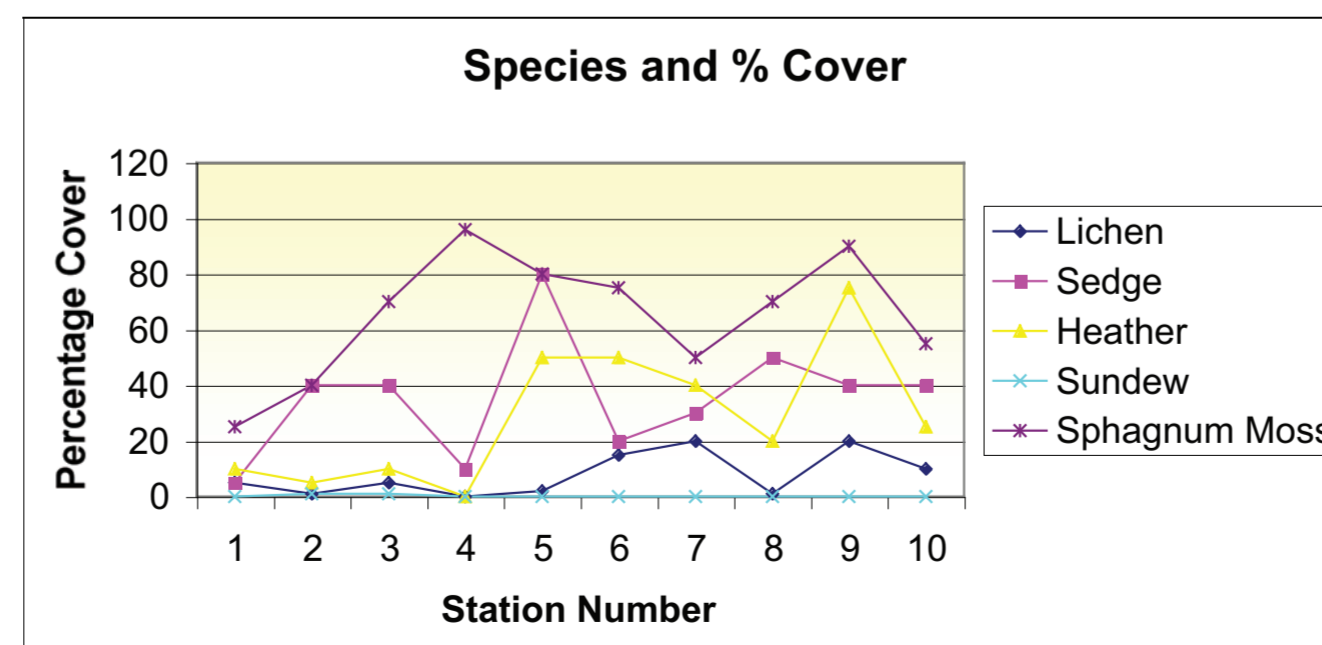
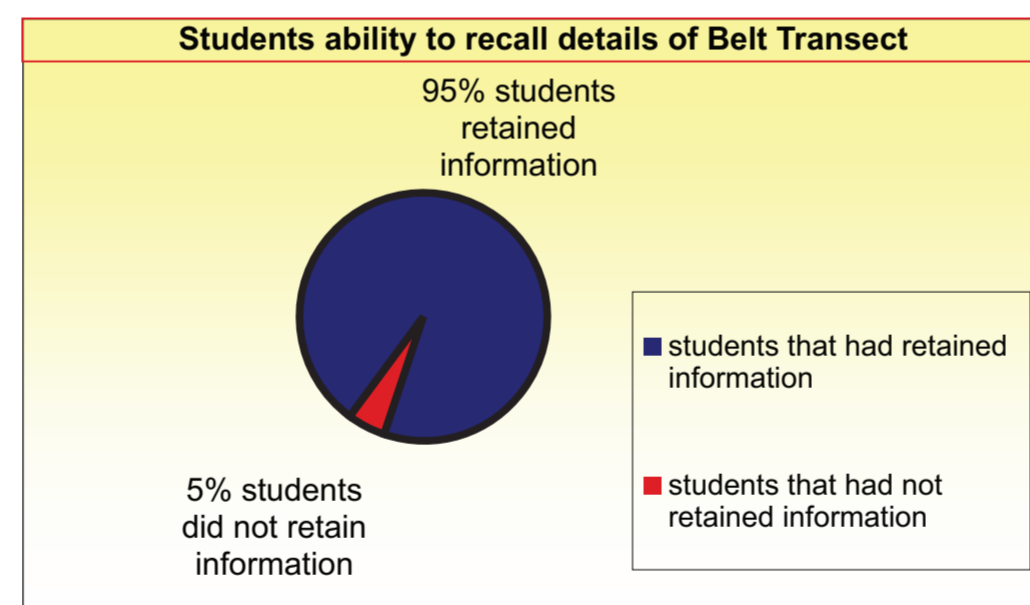
1. Lay down a series of 50cm quadrats along the transect.
2. Write a general description of the entire transect.

BOG PLANT ZONATION STUDY										
Station Number	1	2	3	4	5	6	7	8	9	10
Distance	.5m	1m	1.5m	2m	2.5m	3m	3.5m	4m	4.5m	5m
Distance from bog surface to string	56cm	62cm	62cm	96cm	69cm	70cm	50cm	38cm	41cm	45cm
Open water depth				15cm						
Species and percentage Cover										
Lichen	5	1	5	0	2	15	20	1	20	10
Sedge	5	40	40	10	80	20	30	50	40	40
Heather	10	5	10	0	50	50	40	20	75	25
Sundew	0	1	1	0	0	0	0	0	0	0
Sphagnum Moss	25	40	70	96	80	75	50	70	90	55



1. Insert a series of bamboo rods at 50cm intervals along the transect, using a tape as a guide.

Findings



1. Tie string between each rod. Make sure it is level across the transect by using a spirit level.
2. Measure the distance between the string and the bog surface at 50cm intervals. Record these results.