



Student name(s):

School:

Class:

Survey date:

Site name:

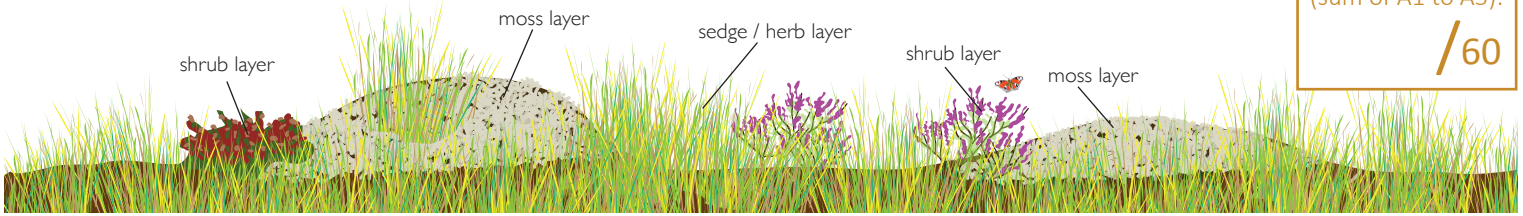
Site location:

Total Score: /100  
(A+B+C)

## A Ecological Integrity - Are the correct plants in the habitat?

Total score A  
(sum of A1 to A5):

/60



**Positive indicators:**  
(tick those present)

**Moss Layer:**

- Branched Mosses
- Non-crustose (bushy) Lichens
- Sphagnum Mosses

**Sedge / Herb Layer:**

- Bog Asphodel
- Bog Bean
- Bog Cotton
- Deer Grass
- Lousewort
- Sundews
- White-beaked Sedge

**Shrub Layer:**

- Bell Heather
- Bilberry
- Bog Myrtle
- Cross-leaved Heather
- Ling Heather
- Western Gorse

**A1** How many **positive** indicators are present?

No. of plants:	Score
0-4	0
5-6	5
7-8	10
9+	15

Score A1:

**A2** What is the overall cover of **positive** mosses & lichens? (*Branched Mosses, Non-crustose Lichens, Sphagnum Mosses*)

Cover:	Score
<b>Low:</b> < 5% of the total area	0
<b>Medium:</b> 5-25% of the total area	10
<b>High:</b> >25% of the total area	20

Score A2:

**A3** Are there any **non-native** species in the plot (*rhododendron, self-sown conifers, other alien invasive*)?

	Score
Yes	-10
No	0

Score A3:

**A4** What is the overall cover of all **negative** indicators?

Cover:	Score
<b>High:</b> >25% of the total area	0
<b>Medium:</b> 1-25% of the total area	10
<b>Low:</b> <1% of the total area	20

**Negative indicators:**  
(tick those present)

- Bramble
- Conifers
- European Gorse
- Nettle
- Rhododendron
- Other alien invasive

Score A4:

**A5** Quality of vegetation structure (type & look of plants)?

**POOR:** Short or rank throughout with limited variation.

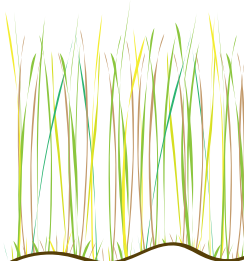
Score  
**-15**

**MEDIUM:**

Score  
**0**

**GOOD:**

Score  
**15**



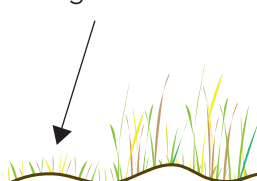
RANK Under-grazed

OR



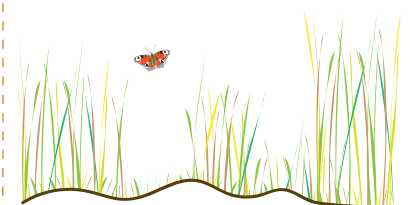
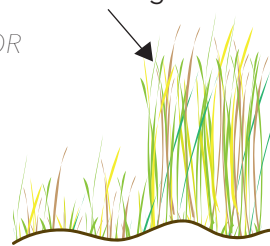
SHORT Over-grazed

25-50% of plot has low uniform vegetation



OR

25-50% of plot has rank vegetation



Mix of vegetation heights throughout (*moss, herb & shrub layer present*)

Score A5:

## B Hydrological Integrity - Bogs should be kept wet!

Total score B

/25

### B1 Artificial drainage.

	Score
<b>Poor:</b> >20% of plot affected by free flowing drains (removing water from bog).	-25
<b>Medium:</b> Some drains, but not hugely affecting the surrounding vegetation.	0
<b>Good:</b> No evidence of past drainage or disturbance.	25

Score B1:

## C Threats to Site Integrity - evidence of damage apart from drains

Total score C

(sum of C1 to C5):

/15

### C1 Is there evidence of damage due to burning?

	Score
<b>High:</b> Evidence of recent burning causing significant damage (>10% of plot affected).	-15
<b>Medium:</b> Evidence of some recent burning, but no damage to moss layer (<10% of plot affected).	-5
<b>None:</b> No evidence of recent burning.	5

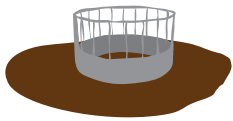
Score C1:

### C2 What is the extent of bare soil and erosion?

	Score
<b>High:</b> >10% of area is bare soil.	-10
<b>Medium:</b> <10% of area is bare soil.	0
<b>Low:</b> Little or no bare soil.	10

Score C2:

### C3 Is there damage due to feeding of animals?



	Score
<b>High:</b> >5% of area is damaged from feeding sites or feeding sites at vulnerable areas.	-15
<b>Medium:</b> <5% of area is damaged from feeding site.	-5
<b>Low/none:</b> No damage.	0

Score C3:

### C4 Turbary / turf cutting

	Score
<b>High:</b> Turf cutting this season.	-20
<b>Medium:</b> Turf cutting last year, not this season.	-10
<b>Low/none:</b> No turf cutting in more than 2 years.	0

Score C4:

### C5 Is there any evidence of damaging activities to vegetation or soil?

*Examples include: dumping, pollution, damage to soil, active quarry / sandpit, litter etc*

	Score
<b>High:</b> >50% of area affected.	-20
<b>Medium:</b> 6-50% of area affected.	-10
<b>Low/none:</b> 0-5% of area affected.	0

Score C5:

Observations / stories. Did anyone lose any boots, get stuck in the mud etc.?