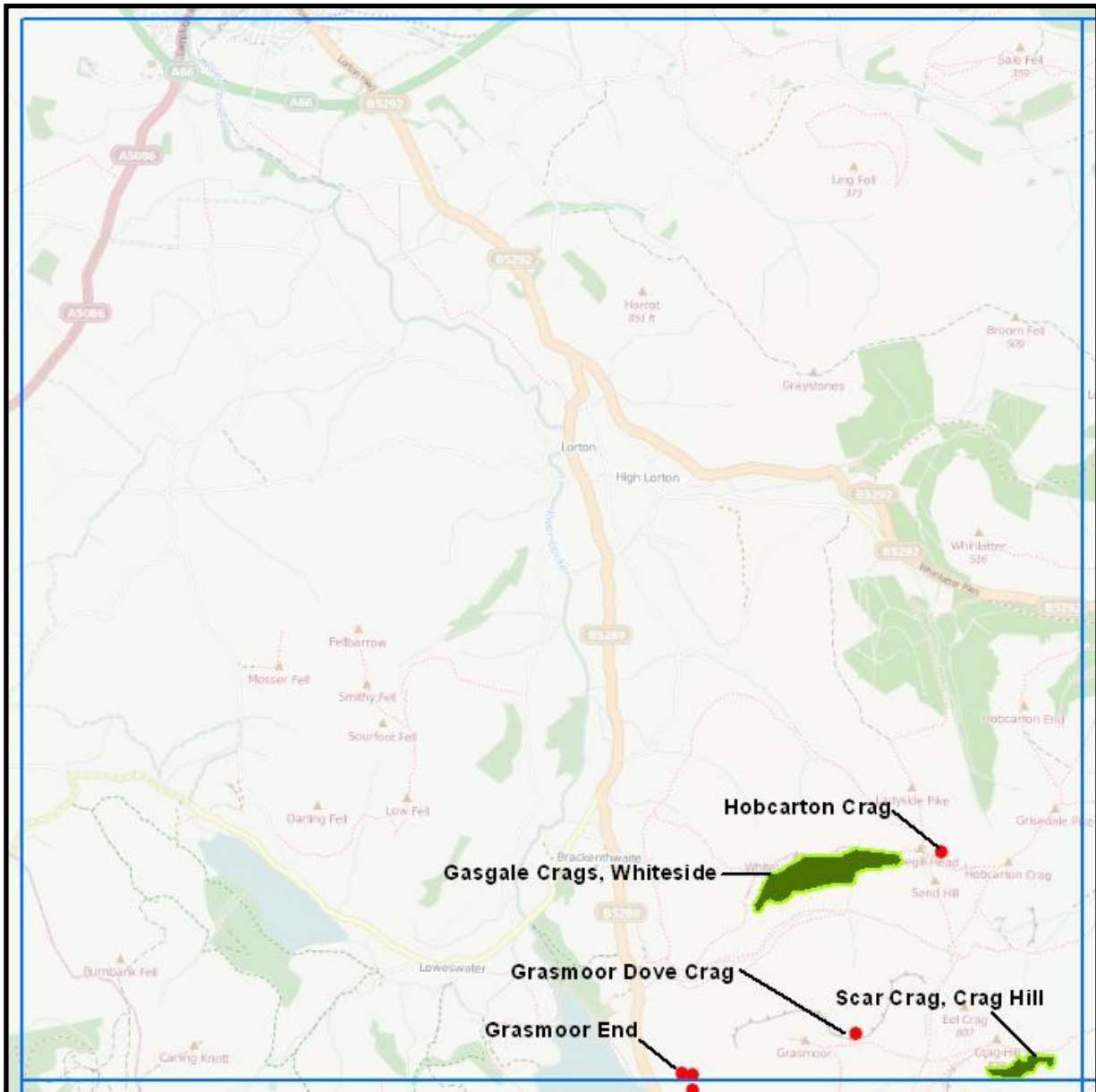


NY12



Sites List:

- | | |
|---------------|-------------------------|
| Jun-NY1619-01 | Grasmoor End |
| Jun-NY1720-01 | Grasmoor Dove Crag |
| Jun-NY1721-01 | Gasgale Crag, Whiteside |
| Jun-NY1822-01 | Hobcarton Crag |
| Jun-NY1920-01 | Scar Crag, Crag Hill |



Uplands for Juniper Project – Survey Form

1. Site details

Site Name: Gasgale Craggs, Whiteside	Equiv. L. Ward site (s): Whiteside
Site Ref. code: Jun-NY1721-01	Survey date: 28/02/2013
Recorder name (s): M. Douglas	Cent. grid ref: NY17540 21940
Valley / area: Buttermere Fells	Altitude: 500m – 730m
Aspect: 170 degrees	Ownership:

2. Stand area:

- a) Have you changed the boundaries of the stand on the survey map?
Yes
- b) GPS number and track name / label?
N / A
- c) Area of sub stands and total area?

Sub stand	A									Total
Area	33.89									33.89ha
Confidence	2									2

3. Plant numbers and Juniper sub-species?

Ssp...J.c.nana

Sub stand	A									Total
Count	1635									1635
Method	VP									VP
Confidence	L									L

4. Dominant Vegetation ...Dry heath.....

Other habitats / vegetation types present:

acid grassland	wet grassland / rushes
dry heath	wet heath / mire
Limestone grassland	Bracken
<u>Scree</u>	<u>Outcrop / cliff</u>
Limestone scree	Limestone outcrop / cliff
Woodland	

5. Grazing / browsing (circle appropriate grazing animal)?

Sheep Cattle Red Deer Other

Indicators of high grazing / browsing pressure?

6. Other threats:

None

7. Juniper age:

Estimate Percentage					
seedling	young	mature	old	Ill	Dead
X	present	present	present	X	X
Comments: Most juniper not closely accessed. Some old juniper along summit path more than 2.5 m across.					

Are fruit bearing trees present? Yes / no

8. Fixed point photography: Insert Grid reference and compass bearing fixed point photos.

Photo label / Number	Grid Ref.	Comp. bearing	Magnification	Description of fixed point
Jun-NY1721-01A				
Jun-NY1721-01B				
Jun-NY1721-01C				

9. Comments (associated flora and fauna, survey / access difficulties?):

This is probably the biggest population of dwarf juniper in the county (and England) and is one of the few examples of H15 *Calluna vulgaris* – *Juniperus communis* ssp. *nana* heath. Bush numbers were counted from the summit path and lots of individuals will have been missed, with perhaps only half of the population counted.

The juniper are growing on very friable outcrops and scree amongst a *Calluna* dominated heath. Cowberry, *Vaccinium vitis-idaea* is constant (low cover), crowberry, *Empetrum nigrum* is occasional to abundant and bilberry, *Vaccinium myrtillus* occasional.

Stags horn clubmoss, *Lycopodium clavatum* was also seen to the east of Whiteside summit.