

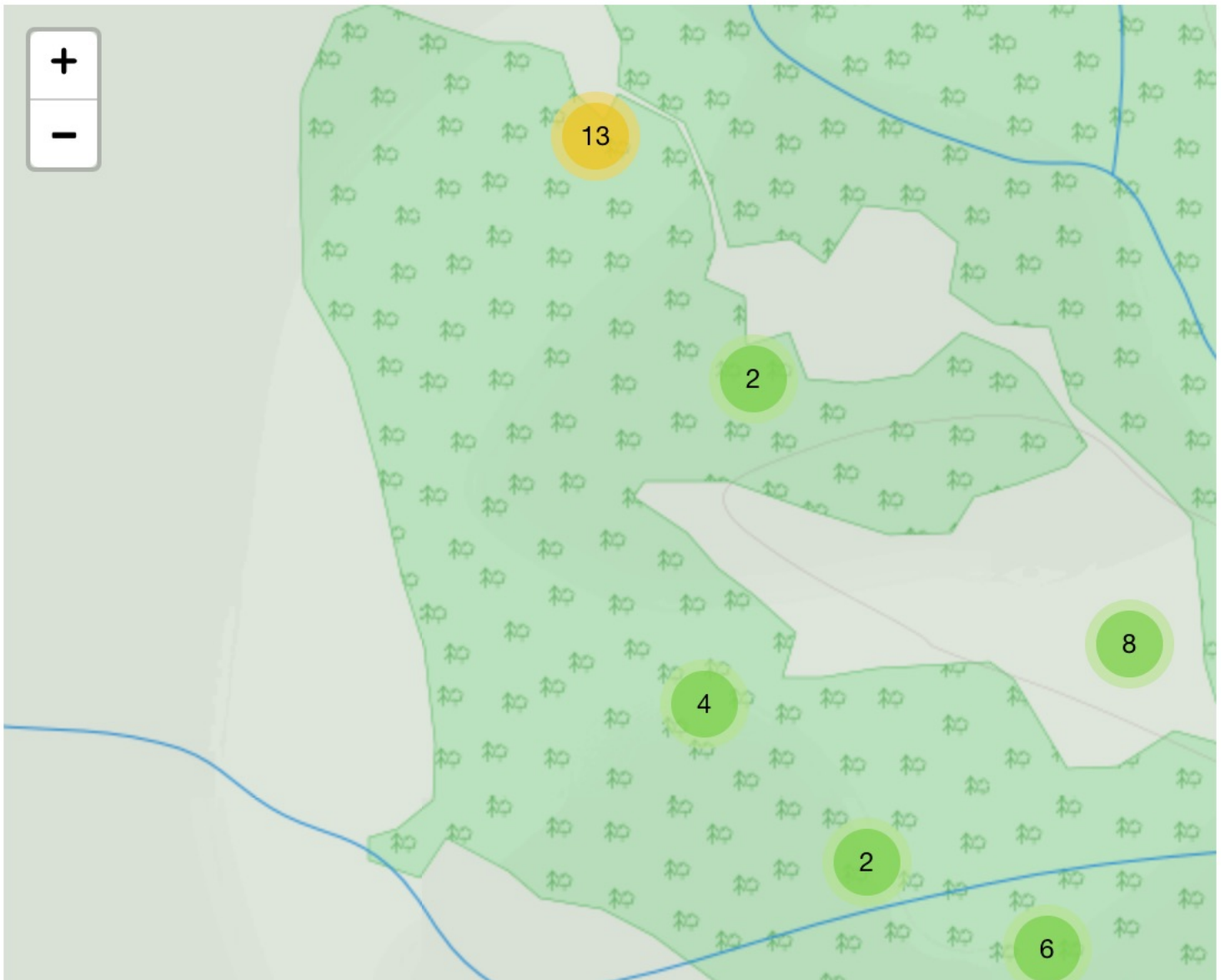
# HDNS Cow Mires

Start: 23/05/2019 09:00  
End: 23/05/2019 16:30

Observers: Nick Gaunt

Weather: Overcast with some brighter intervals, dry,  
moderate breeze, T16C

Notes: Botanical trip led by Kevin Walker, to base-rich fens and alder/aspen carrs to NE of Cow Myers



# HDNS Cow Mires

Taxon	Habitat	Observed	Place	Geo-location
<b>Bryophytes</b>				Total Bryophytes in event: 35
Taxon	Habitat	Observed	Place	Geo-location
Aneura pinguis A. pinguis, Aneuraceae	BF3: Base-rich fens I Water	23/05/2019		SE27087293 SE2772 (SE27R SE)
Atrichum undulatum A. undulatum, Polytrichaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26917309 SE2673 (SE27R NW)
Brachythecium rutabulum B. rutabulum, Brachytheciaceae	Various A Soil	23/05/2019		SE26887312 SE2673 (SE27R NW)
Bryum pseudotriquetrum B. pseudotriquetrum, Bryaceae	BF3: Base-rich fens A Soil	23/05/2019		SE27087293 SE2772 (SE27R SE)
Calliergonella cuspidata C. cuspidata, Hypnaceae	BF3: Base-rich fens A Soil	23/05/2019		SE26967302 SE2673 (SE27R NW)
Campylium stellatum C. stellatum, Amblystegiaceae	BF3: Base-rich fens A Soil	26/05/2019		SE27077296 SE2772 (SE27R SE)
Campylopus introflexus C. introflexus, Dicranaceae	Wo1: Deciduous woodland D Dead wood (2 Decorticated)	23/05/2019		SE27057284 SE2772 (SE27R SE)
Cryphaea heteromalla C. heteromalla, Cryphaeaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE27007287 SE2772 (SE27R SE)
Ctenidium molluscum C. molluscum, Hypnaceae	BF3: Base-rich fens A Soil	23/05/2019		SE27077296 SE2772 (SE27R SE)
Fissidens osmundoides F. osmundoides, Fissidentaceae	BF3: Base-rich fens A Soil	26/05/2019		SE27077293 SE2772 (SE27R SE)
Hypnum cupressiforme var. cupressiforme H. c. cupressiforme, Hypnaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26907313 SE2673 (SE27R NW)
Hypnum resupinatum H. resupinatum, Hypnaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26917309 SE2673 (SE27R NW)
Isothecium myosuroides I. myosuroides, Brachytheciaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26927309 SE2673 (SE27R NW)
Kindbergia praelonga K. praelonga, Brachytheciaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26917309 SE2673 (SE27R NW)
Lophocolea bidentata L. bidentata, Lophocoleaceae	Wo1: Deciduous woodland D Dead wood (4 Humified)	23/05/2019		SE27017283 SE2772 (SE27R SE)
Lophocolea heterophylla L. heterophylla, Lophocoleaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26917309 SE2673 (SE27R NW)
Metzgeria furcata M. furcata, Metzgeriaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26947292 SE2672 (SE27R SW)

**HDNS Cow Mires (continued)**

<b>Taxon</b>	<b>Habitat</b>	<b>Observed</b>	<b>Place</b>	<b>Geo-location</b>
Mnium hornum M. hornum, Mniaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26937307 SE2673 (SE27R NW)
Orthotrichum affine O. affine, Orthotrichaceae	Wo1: Deciduous woodland C Bark (Willow)	23/05/2019		SE27037284 SE2772 (SE27R SE)
Orthotrichum pulchellum O. pulchellum, Orthotrichaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26927310 SE2673 (SE27R NW)
Orthotrichum stramineum O. stramineum, Orthotrichaceae	Wo1: Deciduous woodland C Bark	23/05/2019		SE26957291 SE2672 (SE27R SW)
Palustriella commutata P. commutata, Amblystegiaceae	BF3: Base-rich fens A Soil	23/05/2019		SE27077293 SE2772 (SE27R SE)
Pellia endiviifolia P. endiviifolia, Pelliaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26907312 SE2673 (SE27R NW)
Plagiomnium undulatum P. undulatum, Mniaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26967302 SE2673 (SE27R NW)
Polytrichastrum formosum P. formosum, Polytrichaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26937308 SE2673 (SE27R NW)
Pseudoscleropodium purum P. purum, Brachytheciaceae	Gr3: Wet grasslands A Soil	23/05/2019		SE27097293 SE2772 (SE27R SE)
Radula complanata R. complanata, Radulaceae	Wo1: Deciduous woodland C Bark (Multiple species)	23/05/2019		SE26997287 SE2672 (SE27R SW)
Rhizomnium punctatum R. punctatum, Mniaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE27077285 SE2772 (SE27R SE)
Rhytidiadelphus squarrosus R. squarrosus, Hylocomiaceae	Gr3: Wet grasslands A Soil	23/05/2019		SE26887312 SE2673 (SE27R NW)
Brachythecium plumosum S. plumosum, Brachytheciaceae	Fr3: Littoral zone of lakes and rivers B Natural rock	23/05/2019		SE26957291 SE2672 (SE27R SW)
Sphagnum palustre S. palustre, Sphagnaceae	Wo1: Deciduous woodland A Soil	26/05/2019		SE27097287 SE2772 (SE27R SE)
Sphagnum subnitens var. subnitens S. s. subnitens, Sphagnaceae	BF3: Base-rich fens A Soil	26/05/2019		SE27087293 SE2772 (SE27R SE)
Thuidium tamariscinum T. tamariscinum, Thuidiaceae	Wo1: Deciduous woodland A Soil	23/05/2019		SE26917309 SE2673 (SE27R NW)
Ulota crispa [s.l.] U. crispa, Orthotrichaceae	Wo1: Deciduous woodland C Bark (Willow)	26/05/2019		SE27057284 SE2772 (SE27R SE)
Ulota phyllantha U. phyllantha, Orthotrichaceae	Wo1: Deciduous woodland C Bark (Willow)	23/05/2019		SE26927294 SE2672 (SE27R SW)

**HDNS Cow Mires (continued)**

**Taxon**

**Habitat**

**Observed**

**Place**

**Geo-location**

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Total observations in event: 35