

Mire pattern no:		Site:			Peat depth	Date	Time (to link photos)	Recorder	Grid ref:			
Zone (relation to w/t)	DFR (321) Freq.	Vegetation types : Terrestrial zones					Primary (original) / Secondary (cut-over) surface (circle relevant condition)				Extra veg types	
		Relatively 'active', likely to be favourable condition .....					<<.Degraded, some recovery...>>		<< ....Degraded, Unfavourable.....>>			
T5 (peat mound) found only in far north & west of Scotland (1 m+)		Sphagnum/ dwarf shrubs	'Feather' mosses	Calluna or Empetrum	Racomitrium	Cladonia with bare peat		Collapse features	Extensive bare peat			
T4 (erosion complex hagg top)  (can be 50 cm+)		Sphagnum mosses		Hypnoid mosses	Mixed dwarf shrub with hypnoid moss	Calluna and hypnoid moss cover	Racomitrium	Mixed dwarf shrubs with no moss	Calluna with no moss	Bare peat with lichens		
						Molinia and hypnoid moss cover	Racomitrium and Molinia		Bare peat with dwarf shrubs	Molinia with bare peat		
T3 (hummock) (30 cm to 50 cm)		Sphagnum		Racomitrium (in far W Scotland)		Hypnoid mosses	Polytrichum commune	Racomitrium (elsewhere)	Lichens dominant	Bare peat		
		Sphagnum fuscum	Sphagnum papillosum	Sphagnum austinii [imbricatum]	Sphagnum capillifolium	Sphagnum subnitens	Hypnoid and Poly- trichum mosses	Leucobryum	Short mosses on bare peat	Dwarf shrubs/ no moss		
		Sphagnum magellanicum	Sphagnum with Eriophorum	Sphagnum with Molinia	Dwarf shrubs over Sphagnum	Dwarf shrubs with hypnoid mosses		Hypnoid mosses/ lichens				
Tk (tussock) (hard unyielding feature obvious underfoot)		Schoenus nigricans <b>(only in far W of Scotland)</b>	Sphagnum over Eriophorum vaginatum tussock	Sphagnum over Molinia tussock	Sphagnum over Trichophorum tussock	Eriophorum vaginatum with some Sphagnum	Molinia with some Sphagnum	Molinia caerulea	Eriophorum vaginatum on bare peat	Trichophorum cespitosum on bare peat		
							Trichophorum with some Sphagnum	Deschampsia flexuosa				
T2 (high ridge) (15 cm to 30 cm)		Sphagnum				Hypnoid mosses	Eriophorum vaginatum	Dwarf shrubs with no moss	Lichens dominant	Bare peat		
		Sphagnum/ Rubus chamaemorus	Sphagnum/Erica tetralix	Sphagnum medium	Sphagnum with Eriophorum	Calluna with some Sphagnum	Dwarf shrubs with hypnoid mosses	Eriophorum vaginatum with no moss	Bare peat with dwarf shrubs			
		Sphagnum papillosum	Sphagnum capillifolium	Sphagnum with Molinia	Sphagnum with dwarf shrubs	Sphagnum subnitens	Hypnoid/Poly- trichum mosses	Sphagnum compactum	Bare peat with Trichophorum			
		Sphagnum fuscum	Sphagnum austinii [imbricatum]									
T1 (low ridge) (1 cm to 15 cm) If S. capillifolium is dominant at this level it suggests drying		Sphagnum (not S. fallax)				Hypnoid mosses	Eriophorum vaginatum	Dwarf shrubs with no moss	Lichens dominant	Bare peat		
		Sphagnum papillosum	Sphagnum medium	Sphagnum with dwarf shrubs	Campylopus atrovirens (in W Scotland)	Sphagnum capillifolium dominant	Sphagnum tenellum dominant	Dwarf shrubs with hypnoid mosses	Bare peat with dwarf shrubs			
		Sphagnum/Erica tetralix	Sphagnum with Eriophorum	Sphagnum with Drosera		S. fallax			Bare peat with Trichophorum			
T1/A1 (0 cm to 5 cm) edges of pools/ hollows, or 'runnels'		Sphagnum pulchrum	Sphagnum tenellum	Aulacomnium palustre	Narthecium ossifragum	Sphagnum fallax		Sphagnum compactum	Bare peat with Trichophorum	Bare peat		
		Drosera anglica	Rhynchospora	Sphagnum	Sphagnum cuspidatum	Non-Sphagnum moss						

Notes:

Zone (relation to w/t)	DFR (321) Freq.	Vegetation types : Aquatic zones				Primary (original) / Secondary (cut-over) surface (circle relevant condition)			Extra veg types	
		Relatively 'active', likely to be favourable condition .....				<<.Degraded, some recovery...>>		<< ....Degraded, Unfavourable.....>>		
A1 (Sph. hollow (-10 cm to 0 cm))		Sphagnum (not S. fallax)				Sphagnum fallax		Bare peat with scattered Sphagnum cuspidatum		
		Sphagnum cuspidatum	Sphagnum with E. angustifolium	Sphagnum with Rhynchospora	Sphagnum with Eleocharis					
		Sphagnum with Menyanthes	Sphagnum with Drosera							
A2 ('mud-bottom' hollow) (-5 cm to -20 cm)		Wet/flooded peat with limited aquatic Sphagnum presence: generally only characteristic of far western Britain, not to be confused with micro-erosion gullies filled with litter between e.g. Molinia tussocks				Bare peat with E. angustifolium			Bare peat	
		Flooded Molinia litter	Drosera intermedia	Molinia litter with Sphagnum auriculatum	Molinia litter/ Utricularia			Bare peat with Trichophorum	Bare peat with Carex panicea	
		Rhynchospora alba	Rhynchospora fusca	Carex limosa				Purple mats of Zygogonium algae		
A3 (drought-sensitive pool) (-10 cm to -40 cm)		Open water with floating columns of aquatic Sphagnum species				Bare peat with E. angustifolium		Purple mats of Zygogonium algae		Bare peat
		Sphagnum cuspidatum	Sphagnum auriculatum	Menyanthes trifoliata	Eriophorum angustifolium					
		Utricularia	Carex limosa							
A4 (permanent pool) (-50 cm to -6 m) generally only in far N & W of Scotland		Deep open water with fringing vegetation								
		Menyanthes trifoliata	Sphagnum auriculatum	Sphagnum cuspidatum	Eriophorum angustifolium					
E2 (eroding gully)								Bare peat with E. angustifolium	Bare peat with Carex panicea	Bare peat
E1 (revegetating gully)		Sphagnum				Sphagnum tenellum	Eriophorum angustifolium sward	Bare peat with E. angustifolium	Bare peat with Carex panicea	Juncus squarrosus
		Sphagnum papillosum	Sphagnum medium	Sphagnum capillifolium	Sphagnum cuspidatum	Sphagnum fallax	Polytrichum commune			
Em (bare) (micro-erosion)								Bare peat with E. angustifolium	Bare peat with Carex panicea	Bare peat
Em (moss) (micro-erosion)						Mixed moss sward/ no Sphagnum		Hypnoid mosses	Campylopus-type mosses	
Em (Sphagnum)						Sphagnum moss				

Notes: