

Mire pattern no: Site:		Peat depth	Date	Time (to link photos)	Recorder	Notes:						
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/Empetrum	Racomitrium	Cladonia/bare peat		Collapse features	Extensive bare peat			
T4 (erosion complex hagg top) (50 cm+)		Sphagnum mosses		Hypnoid mosses	Mixed dwarf shrub/ hypnoid moss	Calluna/hypnoid moss cover	Racomitrium	Mixed dwarf shrubs/ no moss	Calluna/ no moss	Bare peat/ lichens		
						Molinia/hypnoid moss cover	Racomitrium/Molinia		Bare peat/dwarf shrubs	Molinia/ bare peat		
T3 (hummock) (30 cm-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/Poly- trichum mosses	Leucobryum	Short mosses/bare peat	Dwarf shrubs/ no moss		
		Sphagnum medium	Sphagnum/ Eriophorum	Sphagnum/ Molinia	Dwarf shrubs over Sphagnum	Dwarf shrubs/ hypnoid mosses		Hypnoid mosses/ lichens				
Tk (tussock) (hard unyielding feature obvious underfoot)		Schoenus nigricans (only in far W of Scotland)	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	Juncus effusus with moss	Juncus effusus in grassland
						Trichophorum with some Sphagnum		Deschampsia flexuosa				
T2 (high ridge) (15 cm-30 cm)		Sphagnum				Hypnoid mosses	Eriophorum vaginatum	Dwarf shrubs/ no moss	Lichens dominant	Bare peat		
		Sphagnum/ Rubus chamaemorus	Sphagnum/Erica tetralix	Sphagnum medium	Sphagnum/ Eriophorum	Calluna with some Sphagnum	Dwarf shrubs/ hypnoid mosses	Eriophorum vaginatum/ no moss	Bare peat/ dwarf shrubs			
		Sphagnum papillosum	Sphagnum capillifolium	Sphagnum/ Molinia	Sphagnum/ dwarf shrubs	Sphagnum subnitens	Hypnoid/Poly- trichum mosses	Sphagnum compactum	Bare peat/ Trichophorum			
		Sphagnum fuscum	Sphagnum austinii [imbricatum]									
T1 (low ridge) (1 cm-15 cm) If S. capillifolium is dominant at this level it suggests drying		Sphagnum (not S. fallax)				Hypnoid mosses	Eriophorum vaginatum	Dwarf shrubs/ no moss	Lichens dominant	Bare peat		
		Sphagnum papillosum	Sphagnum medium	Sphagnum/ dwarf shrubs	Campylopus atrovirens (in W Scotland)	Sphagnum capillifolium dominant	Sphagnum tenellum dominant	Dwarf shrubs/ hypnoid mosses	Bare peat/ dwarf shrubs			
		Sphagnum/Erica tetralix	Sphagnum/ Eriophorum	Sphagnum/ Drosera		S. fallax			Bare peat/ Trichophorum			
T1/A1 (0 cm-5 cm) edges of pools/ hollows, or 'runnels'		Sphagnum pulchrum	Sphagnum tenellum	Aulacomnium palustre	Narthecium ossifragum	Sphagnum fallax		Sphagnum compactum	Bare peat/ Trichophorum	Bare peat		
		Drosera anglica	Rhynchospora	Sphagnum		Non-Sphagnum moss						

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-0 cm)		Sphagnum (not S. fallax)				Sphagnum fallax	Terrestrial species of Sphagna and dwarf shrubs invading - indicates drying of aquatic zones	Bare peat with scattered Sphagnum cuspidatum		
	Sphagnum cuspidatum	Sphagnum/ E. angustifolium	Sphagnum/ Rhynchospora	Sphagnum/ Eleocharis						
	Sphagnum/ Menyanthes	Sphagnum/ 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 Molinia tussocks				Bare peat/ E. angustifolium		Bare peat/ Trichophorum	Bare peat/ Carex panicea	Bare peat
	Flooded Molinia litter	Drosera intermedia	Molinia litter/ Sphagnum auriculatum	Molinia litter/ Utricularia						
	Rhynchospora alba	Rhynchospora fusca	Carex limosa			Purple mats of Zygonium algae				
A3 (drought-sensitive pool) (-10 cm to -40 cm)		Open water with floating columns of aquatic Sphagnum species				Bare peat/ E. angustifolium		Purple mats of Zygonium 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/ E. angustifolium	Bare peat/ Carex panicea	Bare peat
E1 (revegetating gully)		Sphagnum				Sphagnum tenellum	Eriophorum angustifolium sward	Bare peat/ E. angustifolium	Juncus squarrosus	Bare peat/ Carex panicea
	Sphagnum papillosum	Sphagnum magellanicum	Sphagnum capillifolium	Sphagnum cuspidatum	Sphagnum fallax	Polytrichum commune				
Em (bare) (micro-erosion)								Bare peat/ E. angustifolium	Bare peat/ Carex panicea	Bare peat
Em (moss) (micro-erosion)						Mixed moss sward/ no Sphagnum		Hypnoid mosses	Campylopus-type mosses	
Em (Sphagnum)						Sphagnum moss				

Comments: