








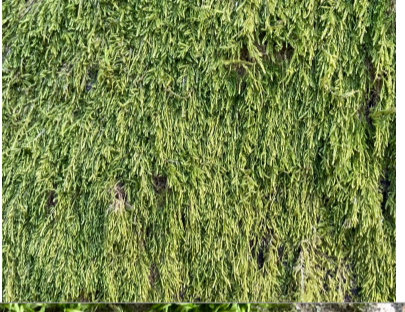














# Species Recovery Trust 'Around Britain in 30 Bryophytes' Course Handout

LOGS (+ SOIL)				NOTES
<i>Brachythecium rutabulum</i>	Fat with silver tips, short side branches	Forms mats when older		
<i>Kindbergia praelonga</i>	Light and feathery; large leaves on stem, thin on branches	Forms shaggy mats		
<i>Hypnum cupressiforme</i>	Forms dense interwoven mat, green to rich golden colour	'The Claw' at end of stems		
<i>Lophocolea bidentata</i>	Opposite pairs of translucent leaves	Two-teethed lobes on each leaf		
<i>Fissidens taxifolius</i>	Flattened stems of opposite leaves with white stripes up centre of leaf	Forms small patches on bare ground		
TREES - trunks				
<i>Frullania dilatata</i>	Dark brown/purple when wet forming dark circles, esp. on Ash trees	Overlapping inflated rounded leaves		
<i>Metzgeria furcata</i>	Flat green patches on trees	Broad strap-shaped leaves splitting into Ys with thick visible mid-vein		



<i>Radula complanata</i>	Flat pale green patches	Very overlapping leaves	
<b>TREES - bases</b>			
<i>Isoetecium myosuroides</i>	Bush like, forming mats	Very fine leaves	
<i>Hypnum andoi</i>	Long stems dropping downwards	'The Claw' on some ends. Nipple shaped capsules sometimes present	
<i>Homalothecium sericeum</i>	Silky creeping arms, leading out from large dense mats on trunk and walls	Curls up to glossy yellow curls when dry	
<b>TREES - branches</b>			
<i>Orthotrichum affine</i>	Loose cushions with buried capsules		
<i>Ulota crispa</i>	Cushion with capsules sticking out		
<i>Cryphaea heteromalla</i>	Some branches flush to bark, most sticking upwards	Curls over to one side when dry, fluffs out in wet. Capsules halfway down stem on one side	




<b>WOODS - deciduous</b>			
<i>Thamnobryum alopecurum</i>	Forms loose cushions on forest floor	Individual plants tree-like have almost woody dark stem	
<i>Mnium hornum</i>	Forms compact mats, sometimes with drooping capsules	Leaves translucent and toothed	
<i>Plagiomnium undulatum</i>	Longish stems with long wavy leaves	Becoming branched when older	
<i>Atrichum undulatum</i>	Leaves undulate, slightly toothed. Often dark green	Forms loose mats	
<b>WOODS - coniferous</b>			
<i>Polytrichastrum formosum</i>	Forms loose mats of dark green truly stems, superficially resembling pine trees	Needle like leaves with ridges along backs	
<i>Thuidium tamariscinum</i>	Very feathery, green through to golden yellow	Forms loose shaggy mats	
<i>Hylocomium splendens</i>	Very feathery with red stem	Fronds 'piggy-back' off each other	
<i>Plagiothecium undulatum</i>	Draping silver tongues	Leaves inflated and overlapping	



<b>HEATHLAND</b>			
<i>Hypnum jutlandicum</i>	Pale green with silvery tinge. Claws at stem ends	Forms dense mats	
<i>Dicranum scoparius</i>	Slightly curved leaves, forming fur-like mats	Leaves toothed at tip	
<i>Pleurozium schreberi</i>	Robust with fat branches	Forms large raised mats	
<i>Polytrichum juniperinum</i>	Forms low mats of dark green pine-like shoots	Untoathed leaves. Very different appearance in male and female plants	
<i>Polytrichum piliferum</i>	As above, but with long hairs at tips of leaves	Leaves tend to be clumped towards tops of shoots	
<b>GRASSLAND</b>			
<i>Rhytidiadelphus squarrosus</i>	Starry-tipped with leaves coming out in all directions	Forms extensive springy mats in wide range of grassland types	
<i>Homalothecium lutescens</i>	Robust golden moss forming sprawling patches	Fine leaves lead to velvety appearance	
<i>Pseudoscleropodium purum</i>	Green stems with fat inflated leaves		



<b><i>Calliergonella cuspidata</i></b>	Red stems	Pointy tips		
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<b><i>Hylocomium splendens</i></b>	By No information - <a href="https://floranimal.ru/plants/catalog/gilokomye/gilokomye-blestyashchiy/">https://floranimal.ru/plants/catalog/gilokomye/gilokomye-blestyashchiy/</a> , CC BY-SA 4.0, <a href="https://commons.wikimedia.org/w/index.php?curid=94057006">https://commons.wikimedia.org/w/index.php?curid=94057006</a>	<b><i>Polytrichum piliferum</i></b>	Hermann Schachner	
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