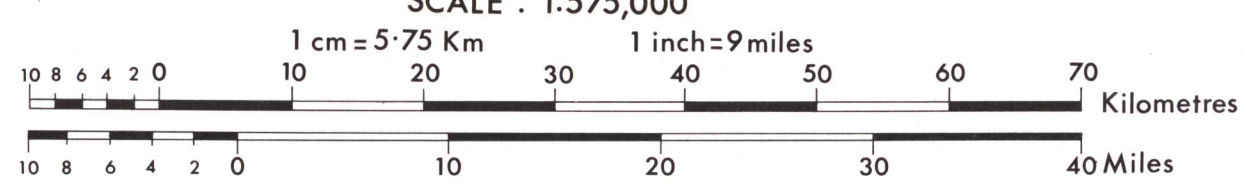
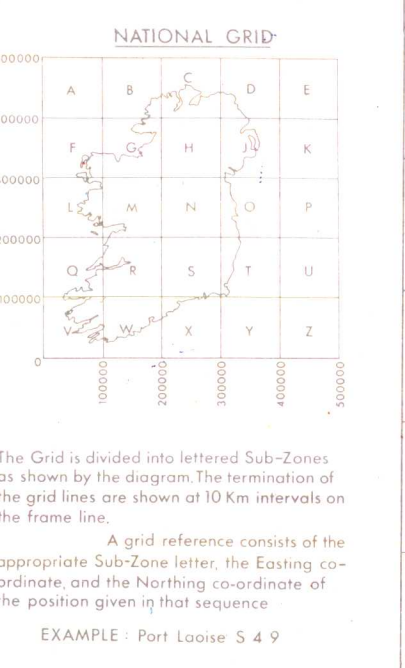
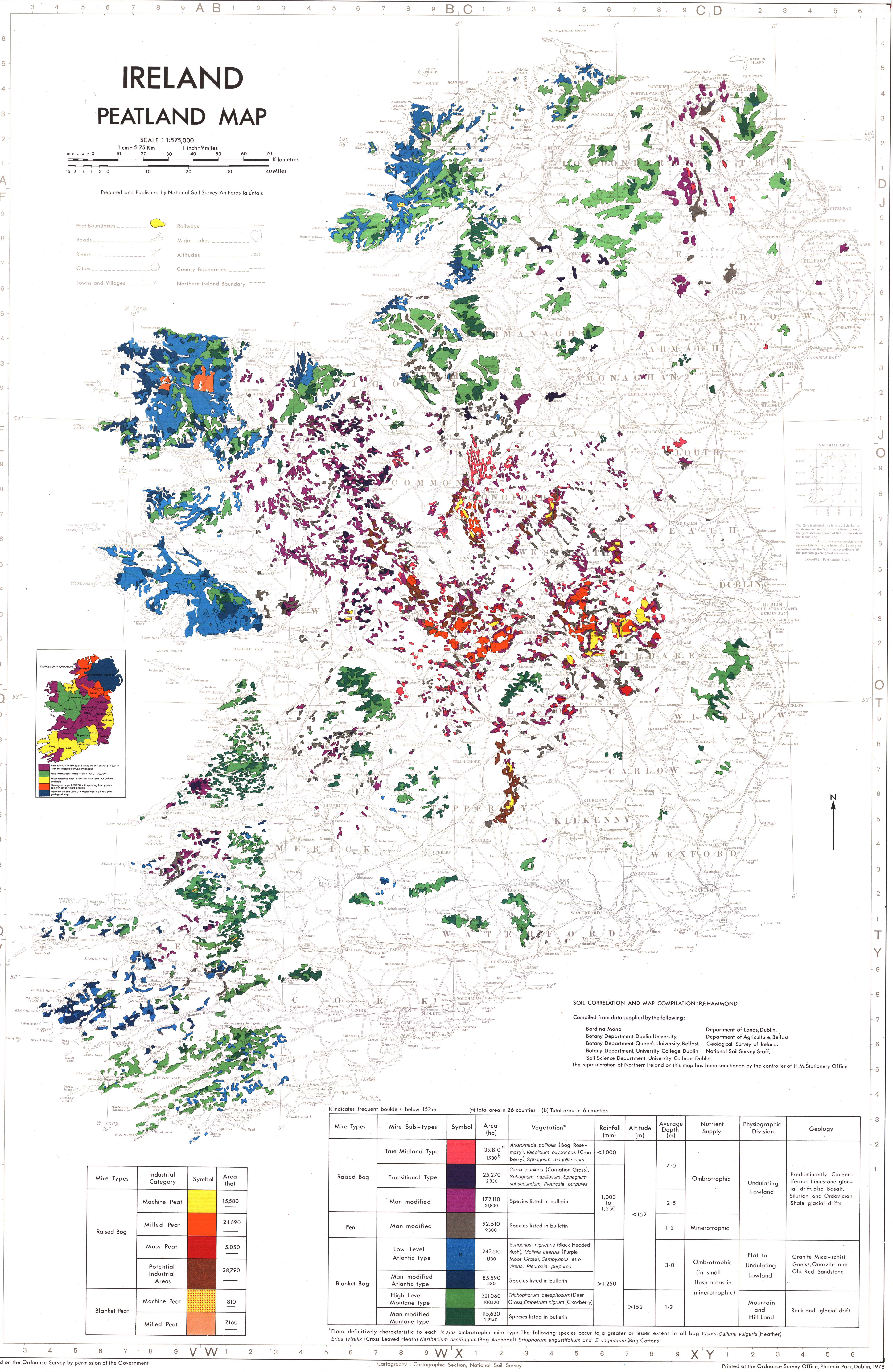
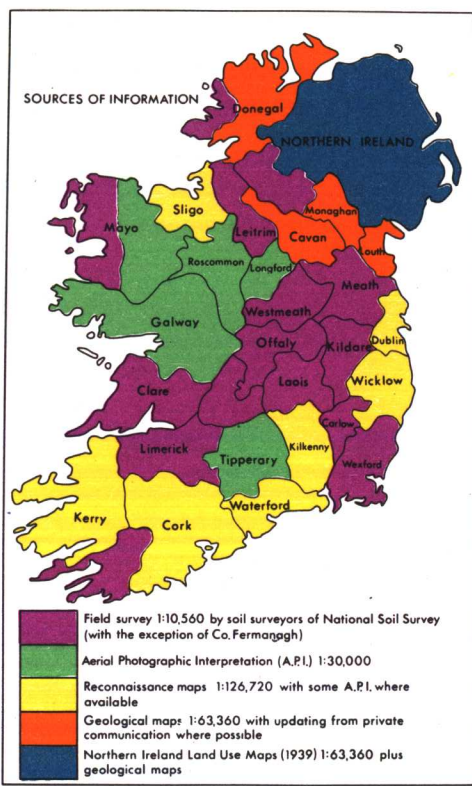
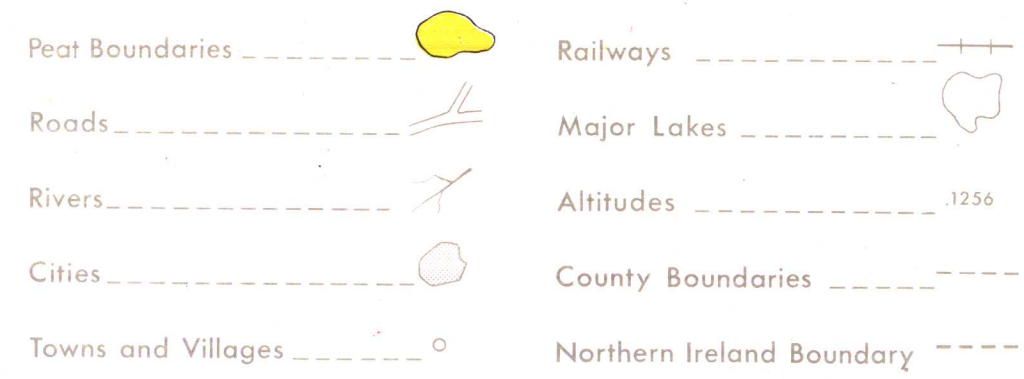


IRELAND PEATLAND MAP

SCALE : 1:575,000



Prepared and Published by National Soil Survey, An Foras Talúntais



SOIL CORRELATION AND MAP COMPILATION: R.F. HAMMOND

Compiled from data supplied by the following:

- Bord na Mona
- Botany Department, Dublin University.
- Botany Department, Queen's University, Belfast.
- Botany Department, University College, Dublin.
- Soil Science Department, University College Dublin.
- Department of Lands, Dublin.
- Department of Agriculture, Belfast.
- Geological Survey of Ireland.
- National Soil Survey Staff.
- National Soil Survey Office.

The representation of Northern Ireland on this map has been sanctioned by the controller of H.M. Stationery Office

Mire Types	Industrial Category	Symbol	Area (ha)
Raised Bog	Machine Peat	[Yellow]	15,580
	Milled Peat	[Orange]	24,690
	Moss Peat	[Red]	5,050
	Potential Industrial Areas	[Dark Red]	28,790
Blanket Peat	Machine Peat	[Yellow]	810
	Milled Peat	[Orange]	7160

Mire Types	Mire Sub-types	Symbol	Area (ha)	Vegetation*	Rainfall (mm)	Altitude (m)	Average Depth (m)	Nutrient Supply	Physiographic Division	Geology
Raised Bog	True Midland Type	[Red]	39,810 ^a 1980 ^b	<i>Andromeda polifolia</i> (Bag Rose-mary), <i>Vaccinium oxycoccus</i> (Cranberry), <i>Sphagnum magellanicum</i>	<1,000	<152	7.0	Ombrotrophic	Undulating Lowland	Predominantly Carboniferous Limestone glacial drift, also Basalt, Silurian and Ordovician Shale glacial drifts
	Transitional Type	[Purple]	25,270 2830	<i>Carex panicea</i> (Carnation Grass), <i>Sphagnum papillosum</i> , <i>Sphagnum subsecundum</i> , <i>Pleurozia purpurea</i>	1,000 to 1,250	2.5	Ombrotrophic			
Fen	Man modified	[Brown]	92,510 9300	Species listed in bulletin	>1,250	>152	1.2	Minerotrophic	Flat to Undulating Lowland	Granite, Mica-schist Gneiss, Quartzite and Old Red Sandstone
Blanket Bog	Low Level Atlantic type	[Blue]	243,610 1130	<i>Schoenus nigricans</i> (Black Headed Rush), <i>Molinia caerulea</i> (Purple Moor Grass), <i>Campylopus atrovirens</i> , <i>Pleurozia purpurea</i>	>1,250	>152	3.0	Ombrotrophic (in small flush areas in minerotrophic)	Mountain and Hill Land	Rock and glacial drift
	Man modified Atlantic type	[Dark Blue]	85,590 530	Species listed in bulletin	>1,250	>152	1.2	Ombrotrophic		
	High Level Montane type	[Green]	321,060 100120	<i>Trichoporum caespitosum</i> (Deer Grass), <i>Empetrum nigrum</i> (Crowberry)	>1,250	>152	1.2	Ombrotrophic		
	Man modified Montane type	[Dark Green]	115,630 2,9140	Species listed in bulletin	>1,250	>152	1.2	Ombrotrophic		

*Flora definitively characteristic to each *in situ* ombrotrophic mire type. The following species occur to a greater or lesser extent in all bog types: *Calluna vulgaris* (Heather), *Erica tetralix* (Cross Leaved Heath), *Narthecium ossifragum* (Bag Asphodel), *Eriophorum angustifolium* and *E. vaginatum* (Bog Cattons)