

# Appendix II

## An Overview of the Bord na Móna Habitat Classification

General Pioneer Community	Pioneer Community	BnM Habitat Code	Nearest Phytosociological Syntaxa	Fossitt 2000 Classification	
	Bare peat (0-50% cover)	BP		Spoil and bare ground	ED2
Embryonic bog	Pioneer <i>Eriophorum angustifolium</i> community (acidic) *	PBa	Oxycocco-Sphagnetea	Bog	PB
	<i>Sphagnum cuspidatum</i> - <i>Eriophorum angustifolium</i> community*	PBb	Oxycocco-Sphagnetea	Bog	PB
	Embryonic bog community (somewhat more diverse and developed) *	PBc	Calluno-Sphagnion	Bog	PB
Poor fen	Pioneer <i>Campylopus</i> dominated community	pCamp	Caricion curto-nigrae	Poor fen	PF2
	Pioneer <i>Juncus effusus</i> community	pJeff	Caricion curto-nigrae	Poor fen	PF2
	Pioneer <i>Eriophorum angustifolium</i> community (poor fen)	pEang	Caricion curto-nigrae	Poor fen	PF2
	Pioneer <i>Juncus bulbosus</i> community	pJbulb	Caricion curto-nigrae	Poor fen	PF2
	Pioneer <i>Triglochin palustris</i> community	pTrig	Caricion curto-nigrae	Poor fen	PF2
	Pioneer <i>Juncus</i> with <i>Sphagnum</i> *	pJunc	Sphagneto-Juncetum	Poor fen	PF2
Rich fen	Pioneer rich fen community with <i>Schoenus nigricans</i> (rudimentary rich fen)	Pschon	Caricetalia davallianae	Rich fen	PF1
	Pioneer <i>Carex viridula</i> /brown moss community (rich fen)	pVir	Caricetalia davallianae	Rich fen	PF1
	Pioneer <i>Cladium</i> community	pCladium	Caricion davallianae	Rich fen	PF1
Emergent wetland communities	<i>Carex rostrata</i> community (poor fen)	pRos	Cariculion rostratae	Poor fen	PF1
	<i>Carex paniculata</i> community	pPan	Caricetum paniculatae	Reed and large sedge swamps	FS1
	<i>Phragmites australis</i> community*	pPhrag	Scirpo-Phragmitetum	Reed and large sedge swamps	FS1
	<i>Typha</i> community*	pTyp	Typhetum latifoliae	Reed and large sedge swamps	FS1
	<i>Schoenoplectus</i> community	pSch	Scirpo-Phragmitetum	Reed and large sedge swamps	FS1
Open water/aquatic	Permanent pools and lakes	OW	Isoeto-Litorelletea	Dystrophic lakes	FL1
	Permanent pools and lakes	OW	Isoeto-Litorelletea	Acid-oligotrophic lakes	FL2
	Charaphytes	pChar	Charetea	Limestone/Marl lakes	FL3
	Temporary open water	tOW			
Woodland and scrub	Emergent <i>Betula</i> -dominated community (A)	eBir	Salici-Betuletum pubescentis	Scrub	WS1
	Open <i>Betula</i> -dominated community (B)	oBir	Salici-Betuletum pubescentis	Scrub	WS1
	Closed <i>Betula</i> scrub community (C)	cBir	Salici-Betuletum pubescentis	Scrub	WS1
	<i>Ulex</i> -dominated community	eGor		Scrub	WS1
	<i>Betula-Salix</i> woodland	BirWD	Salici-Betuletum pubescentis	Bog woodland	WN7

General Pioneer Community	Pioneer Community	BnM Habitat Code	Nearest Phytosociological Syntaxa	Fossitt 2000 Classification	
<b>Heathland</b>	Dry <i>Calluna</i> community	dHeath	Calluno-Ulicetalia	Dry heath	HH1
	Wet Heath community	wHeath	Nartheccio-Ericetum	Wet Heath	HH3
	Dense <i>Pteridium</i>	dPter	Rhamno-Prunetea	Dense Bracken	HD1
<b>Grassland</b>	Dry calcareous grassland	gCal	Centaureo-Cynosuretum	Dry calcareous and neutral grassland	GS1
	<i>Antoxanthum-Holcus-Equisetum</i> community	gAn-H-Eq	No close affinities to Irish syntaxa	Dry calcareous and neutral grassland	GS
	<i>Dactylis-Arrhenatherum</i> community	gDact-Arr	Arrhenatheritum elatioris	Dry meadows and grassy verges	GS2
	<i>Molinia caerulea</i> -dominated community	gMol	Junco conglomerati-Molinion	Wet grassland	GS4
	Marsh - <i>Filipendula</i> and other tall herbs	Mar	Filipendulion ulmariae	Marsh	GM1
<b>Disturbed</b>	<i>Tussilago</i> -dominated community (vegetation > 50%)	DisCF	Tussilaginetum	Recolonising bare ground	ED3
	<i>Epilobium</i> -dominated community (vegetation > 50%)	DisWil	Tussilaginetum	Recolonising bare ground	ED3
<b>General</b>	Riparian areas (streams or drains with associated edge habitats)	Rip			FW2/4
	Access (tracks or railways with associated edge habitats)	Acc			BL3

\*indicates potentially peat forming habitat

## Appendix III

### Supporting documents

Bord na Móna. 2010. *Bord na Móna Biodiversity Action Plan 2010-2015*. Brosna Press, Fербane.

Bord na Móna. 2011. *Strategic Framework for the Future Use of Peatlands*. Bord na Móna.

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### Recent studies and reports 2012-2015

Biosphere Environmental Services. 2014. *Bord na Móna Breeding Bird Survey 2013. Ballivor Bog Group*. Unpublished report to Bord na Móna.

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Bord na Móna. 2014. Blocking Drains in Irish raised bogs. The Bord na Móna Raised Bog Restoration Project. In: *Global Peatland Restoration demonstrating SUCCESS*. (Cris, R., Buckmaster, S., Bain, C. and Reed, M. eds.) IUCN UK National Committee Peatland Programme, Edinburgh. [www.iucn-uk-peatlandprogramme.org](http://www.iucn-uk-peatlandprogramme.org)

Copland, A. 2011. *Birds on Cutaway Peatlands: Baseline Breeding Bird Population Survey*. Project report 2011. Unpublished report for Bord na Móna. BirdWatch Ireland, Co. Wicklow.

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