



Coillte Teoranta

Forest Management Plan

Nephin

MO08

2006 to 2010

District Manager

Myles MacDonncadha

District

W3



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Introduction

Forest: MO08 Nephin
District: W3 District Manager Myles MacDonncadha

Nephin forest is situated in This Forest is located on the slopes and in the environs of Nephin Beg mountain which dominates the surrounding landscape. It is an extensive area with a forest road network of 19kms.

The main soil type in Nephin are The main soil types of Nephin forest are blanket peat and patches of mineral soil.there are some flushes on the hillsides which have produced Sitka spruce crops.The soils derive mainly from a quartzite base.

The main towns and villages located in the catchment area of Nephin forest are The main towns and villages located in the catchment area of Nephin forest are Newport which is 16kms from the forest.At the northern of the forest are the villages of Bellacorrick and Keenagh.The Western Way,BangorTrail and Loop Walk meet in the forest.

The management focus for the forest is concerned with The management focus of the forest is concerned with timber production in conjunction with a strong emphasis on Biodiversity in the less fertile areas.The planning and management of the forest is also influenced by the proximity of the Marine Institute and the conservation policies which are necessary to ensure its continued importance and commercial viability.

It is intended to clearfell about 100ha per annum up to 2010. This will reduce to approx 30ha thereafter

The clearfelling is mainly of low quality Lodge pole Pine of pulp quality with some stands containing material suitable for pallet production.

Over 90% of the forest has a no thin policy and only small blocks of SS would be considered for thinning.

The forest contains 0 and 3 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as appropriate in tables 2.6 and 2.7

Table 1 Area by Objective

Forest:	MO08	Nephin	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		3,161.6	65.3%
Biodiversity		1,363.0	28.1%
Conservation		246.2	5.1%
Seed Stand		72.2	1.5%
Total		4,843.0	100.0%



Table 2 Area by Special Consideration

Forest:	MO08	Nephin	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Access - Other		6.4	0.1%
Experimentation		10.3	0.2%
Fisheries Protection		275.8	5.7%
Legal		13.9	0.3%
Life Project		196.6	4.1%
None		3,773.9	77.9%
Statutory Designation		542.8	11.2%
Wildlife		23.3	0.5%
Total		4,843.0	100.0%



Table 3 Area by Fell Year

Forest: MO08

Nephin

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	196.6	
2007	111.4	
2008	72.6	
2009	52.7	
<u>5 Year Total and Average</u>	<u>433.3</u>	<u>54.16</u>
2010	80.3	
2011	44.6	
2012	32.4	
2013	0.0	
2014	65.6	
<u>5 Year Total and Average</u>	<u>222.8</u>	<u>24.76</u>
2015	4.2	
2016	48.3	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	0.0	
2018	53.2	
2019	0.0	
<u>5 Year Total and Average</u>	<u>105.6</u>	<u>13.20</u>
2020	122.7	
2021	42.1	
2022	68.5	
2023	71.1	
2024	136.4	
<u>5 Year Total and Average</u>	<u>440.8</u>	<u>48.98</u>

Table 4 Area by Species Group

Forest:	MO08	Nephin	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	6.9	0.2
	ASH	2.3	0.1
	BI	2.3	0.1
	FIR	1.9	0.1
	LAR	85.5	2.3
	LP	2,617.3	70.3
	NS	4.6	0.1
	OB	4.4	0.1
	OC	1.7	0.0
	OP	10.1	0.3
	SS	984.2	26.4
	WRC	1.0	0.0
		3,722.3	100.0



76	MO08-8	Timber Production	None	37.0	7.4	0.0	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
119	MO08-8	Seed Stand	None	23.9	3.6	0.0	18.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120	MO08-8	Biodiversity	Fisheries Protect	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83	MO08-9	Timber Production	None	12.6	3.8	0.0	7.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 111.4

2008				Area (ha)													
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
135	MO08-9	Timber Production	None	21.1	3.2	0.0	16.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139	MO08-9	Biodiversity	Fisheries Protect	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147	MO08-9	Timber Production	None	3.9	0.6	0.0	3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	MO08-14	Timber Production	None	25.1	2.6	0.0	8.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
175	MO08-14	Timber Production	None	21.1	15.3	0.0	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.6	0.0

Total MU Area 72.6

2009				Area (ha)													
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB



Total MU Area

80.3