



Coillte Teoranta

# Forest Management Plan

Derrada

GY22

2006 to 2010

District Manager

District

Myles MacDonncadha

W3



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# Introduction

Forest: GY22 Derrada  
District: W3 District Manager Myles MacDonncadha

Derrada forest is situated in Connemara, on the left hand side of the road between Oughterard and Maam Cross on sloping ground and extending to the Shannapheistin road to the south of Lettercraffroe lake.

The main soil type in Derrada are is blanket bog of varieing depth. Deep peat near the lake and the Owenriff riverand getting shallow as you move uphill. There are pockets of arable soil on the northern portion of the site.

The main towns and villages located in the catchment area of Derrada forest are Oughterard situtated 6KM to the east.

The management focus for the forest is concerned with water protection,the creation of wide buffer zones and timber production. It is extremely sensitive due to Margaretifera in the adjoining Owenriff river and an important spawning site for brown trout and salmon.

The clearfell areas shown in the above table are provisional due to the ongoing investigation of potential impacts on the population of Freshwater Pearl Mussel in the catchment.This area is the subject of an intensive study and not until that is complete will there be a clear picture of the realistic felling areas and volumes.

are uncertain until the above study is complete and a way forward agreed

table 2.10 text

The forest contains 0 and 0 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**

<u>OBJECTIVE</u>	<u>AREA (ha)</u>	<u>%</u>
Timber Production	488.1	50.4%
Biodiversity	308.1	31.8%
Conservation	172.1	17.8%
<b>Total</b>	<b>968.3</b>	<b>100.0%</b>



**Table 2 Area by Special Consideration**

<b>Forest:</b>	<b>GY22</b>	<b>Derrada</b>	
<b><u>SPECIAL CONSIDERATION</u></b>		<b><u>AREA (ha)</u></b>	<b><u>%</u></b>
Fisheries Protection		456.6	47.1%
High Landscape Sensitivity		22.6	2.3%
None		213.6	22.1%
Statutory Designation		172.1	17.8%
Water Supply		103.5	10.7%
<b>Total</b>		<b>968.3</b>	<b>100.0%</b>



Table 3 Area by Fell Year

Forest: GY22

Derrada

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	3.2	
2007	65.8	
2008	39.4	
2009	12.7	
<b><u>5 Year Total and Average</u></b>	<b><u>121.1</u></b>	<b><u>15.13</u></b>
2010	0.0	
2011	84.6	
2012	75.6	
2013	15.2	
2014	52.4	
<b><u>5 Year Total and Average</u></b>	<b><u>227.8</u></b>	<b><u>25.31</u></b>
2015	60.4	
2016	16.8	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	57.8	
	2018	15.4	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>150.4</u>	<u>16.71</u>
	2020	20.2	
	2021	0.0	
	2022	10.8	
	2023	0.0	
<u>5 Year Total and Average</u>		<u>31.0</u>	<u>5.17</u>

**Table 4 Area by Species Group**

Forest:	GY22	Derrada	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	BE	0.9	0.1
	BI	2.6	0.4
	LAR	8.7	1.3
	LP	274.4	39.9
	OC	0.1	0.0
	SS	400.3	58.3
	WRC	0.1	0.0
		<b>687.1</b>	<b>100.0</b>



**Table 5 Listing of Restocking MUs**

Forest: GY22 Derrada

2006		Objective	Special Considerations	MU Area (ha)	Area (ha)												
MU	Map Cutting				Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
14	GY22-1	Timber Production	None	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total MU Area</b>				<b>3.2</b>													
2007		Objective	Special Considerations	MU Area (ha)	Area (ha)												
MU	Map Cutting				Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
2	GY22-1	Biodiversity	Fisheries Protect	9.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.9	0.0
24	GY22-1	Biodiversity	Fisheries Protect	3.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.4
45	GY22-2	Timber Production	Water Supply	9.6	1.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.4
46	GY22-2	Timber Production	Water Supply	8.2	0.8	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.4
8	GY22-3	Timber Production	Fisheries Protect	23.0	4.6	0.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.9	
33	GY22-3	Timber Production	Fisheries Protect	6.6	0.7	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.3	
36	GY22-3	Biodiversity	Fisheries Protect	4.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.1	
<b>Total MU Area</b>				<b>65.8</b>													



2008																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
29	GY22-1	Biodiversity	Fisheries Protect	17.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.0	2.1	
55	GY22-3	Biodiversity	Fisheries Protect	8.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.2	
57	GY22-3	Timber Production	Fisheries Protect	13.6	2.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.6	
<b>Total MU Area</b>				<b>39.4</b>														
2009																		
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)								Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI			
34	GY22-1	Timber Production	None	8.6	1.7	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.3	
58	GY22-3	Biodiversity	Fisheries Protect	4.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.1	
<b>Total MU Area</b>				<b>12.7</b>														

