



Coillte Teoranta

Forest Management Plan

Mountbellew

GY05

2006 to 2010

District Manager

Gerry Gavin

District

W2



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Introduction

Forest: GY05 Mountbellew
District: W2 District Manager Gerry Gavin

Mountbellew forest is situated in Mountbellew forest is located in north East Galway and is part of the East Galway-Roscommon District, W2. The forest catchment area is of flat to lowlying topography and is served by the Castlegar river, part of the Shannon complex. The forest property, The Demesne, formerly part of the Bellew Estate is the main block of forest in the forest. The remainder is made up a number of other properties of varying size. The District office is located at the Demesne.

The main soil type in Mountbellew are A number of soil types present. Mineral gley, peaty gley, cut over peat, raised bog and a small % of brown earth.

The main towns and villages located in the catchment area of Mountbellew forest are Mountbellew town together with Moylough and Newbridge villages are within the forest catchment area.

The management focus for the forest is concerned with The main focus in the management forest is timber production. Also the presence of NHA, SAC, riparian zones and other features of sensitive nature means that a focus on conservation and bio-diversity is in place. 14.8% of land area in the forest or 249.5 ha fall into the latter category.

Over a 20 year period from 2005, it is planned that 551 Ha will be clearfelled. This represents an average annual cut of 27.54 ha, a figure less than 2% of forest area been clearfelled annually.

In a 5 year period from 2005 the estimated timber volume been felled is 47,107 cubic metres. This averages at 340 M3 per ha.

72% of conifers in the forest will be thinned. 50.7% as standard, the remainder having a one-thin up to a 3 thin strategy. The 28.1 % of crops not been thinned consists mainly of Lodgepole pine.

The forest contains 0 and 1 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:	GY05	Mountbellew	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,431.2	85.1%
Biodiversity		174.3	10.4%
Conservation		75.4	4.5%
Non-forest Commercial		0.4	0.0%
Total		1,681.3	100.0%



Table 2 Area by Special Consideration

Forest:	GY05	Mountbellew	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Archaeology		0.4	0.0%
Experimentation		2.2	0.1%
Farm Partnership		135.4	8.1%
Fisheries Protection		19.1	1.1%
Legal		37.0	2.2%
None		1,116.6	66.4%
Old Woodland Site		294.4	17.5%
Recreation Site		0.7	0.0%
Statutory Designation		75.4	4.5%
Total		1,681.3	100.0%



Table 3 Area by Fell Year

Forest: GY05

Mountbellew

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	31.4	
2007	33.1	
2008	42.4	
2009	51.5	
<u>5 Year Total and Average</u>	<u>158.4</u>	<u>19.80</u>
2010	5.7	
2011	43.6	
2012	74.2	
2013	40.3	
2014	25.5	
<u>5 Year Total and Average</u>	<u>189.3</u>	<u>18.93</u>
2015	42.1	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	44.6	
2018	0.0	
2019	46.6	
<u>5 Year Total and Average</u>	<u>133.3</u>	<u>16.66</u>
2020	30.9	
2021	14.8	
2022	0.0	
2023	11.0	
2024	11.2	
<u>5 Year Total and Average</u>	<u>67.9</u>	<u>8.49</u>

Table 4 Area by Species Group

Forest:	GY05	Mountbellew	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	8.9	0.6
	ASH	17.6	1.1
	BE	8.5	0.5
	BI	32.7	2.1
	DF	5.0	0.3
	FIR	0.4	0.0
	LAR	24.2	1.5
	LP	264.7	16.7
	NS	51.0	3.2
	OAK	20.8	1.3
	OB	12.4	0.8
	OC	6.5	0.4
	OP	5.4	0.3
	SS	1,118.0	70.7
	WRC	5.2	0.3
		1,581.3	100.0



Table 5 Listing of Restocking MUs

Forest: GY05 Mountbellew

2006																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
18	GY05-1	Timber Production	Old Woodland Si	1.9	0.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
63	GY05-1	Timber Production	None	10.0	1.5	5.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0		
64	GY05-6	Timber Production	None	18.1	2.7	13.8	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0		
231	GY05-15	Timber Production	None	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0		
Total MU Area				31.4															
2007																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
76	GY05-6	Conservation	Statutory Designat	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	GY05-6	Timber Production	None	4.4	0.7	1.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
142	GY05-12	Timber Production	Old Woodland Si	16.5	2.8	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0		
260	GY05-15	Timber Production	None	1.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total MU Area				33.1															



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				
5	GY05-1	Timber Production	None	18.6	2.8	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0		
148	GY05-13	Timber Production	Old Woodland Si	9.3	1.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0		
213	GY05-15	Timber Production	Old Woodland Si	9.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0		
32	GY05-4,14	Timber Production	None	5.4	0.8	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0		
Total MU Area				42.4															
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				
52	GY05-5	Timber Production	Old Woodland Si	3.4	0.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0		
85	GY05-6	Timber Production	None	10.4	1.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
86	GY05-6	Timber Production	Old Woodland Si	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0		
151	GY05-14	Biodiversity	Fisheries Protect	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0		
153	GY05-14	Timber Production	None	14.6	1.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0		



176	GY05-15	Timber Production	None	9.5	1.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
207	GY05-15	Timber Production	None	0.8	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210	GY05-15	Timber Production	Old Woodland Si	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0
220	GY05-15	Timber Production	None	0.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229	GY05-15	Timber Production	None	4.7	0.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0

Total MU Area 51.5

2010																			
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	Area (ha)									Ald	OB
									LAR	FIR	OC	Oak	BE	Ash	BI				
45	GY04-10	Timber Production	Farm Partnership	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	
194	GY05-15	Biodiversity	Old Woodland Si	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	
196	GY05-15	Timber Production	None	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	
Total MU Area				5.7															