



Coillte Teoranta

Forest Management Plan

Glendalough

WW04

2006 to 2010

District Manager

Tom Lyng

District

E1



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Introduction

Forest: WW04 Glendalough
District: E1 District Manager Tom Lyng

Glendalough forest is situated in Is part of the main Dublin - Wicklow mountain range and is the historical the see of Saint Kevin.This U shaped glacial valley as the name suggests has two lakes with the Glenealo feeder river.The catchment areas for this forest are Avonmore, Annamoe,Glendasan,Glenmacnass, and Kings River.The forest area straddles the Wicklow Gap to the west as far as Hollywood Demesne and north as as Blessington lakes.

The main soil type in Glendalough are Blanket peat, podsols, and lithosols at high elevations, brown earths and gleys at lower elevations.

The main towns and villages located in the catchment area of Glendalough forest are Laragh,Annamoe,Hollywood, and Vallemount are the main villages.The National Parks and Wildlife manages the National Park area of the Dublin Wicklow Mountains on lands adjoining Coillte property in the Glendalough forest area.

The management focus for the forest is concerned with Timber production 67%, coupled with the biodiversity 24% will mean that Sustainable Forestry Management (SFM),species diversification,and landscape design guidelines will be taken into account,when drawing up management plans for the area.

The forest contains 14 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:	WW04	Glendalough	
<u>OBJECTIVE</u>		<u>AREA (ha)</u>	<u>%</u>
Timber Production		1,986.4	66.8%
Biodiversity		707.7	23.8%
Non-forest Commercial		172.4	5.8%
Recreation		38.0	1.3%
Christmas Tree Production		10.0	0.3%
Seed Stand		61.3	2.1%
Total		2,975.8	100.0%

Table 2 Area by Special Consideration

Forest:	WW04	Glendalough	
<u>SPECIAL CONSIDERATION</u>		<u>AREA (ha)</u>	<u>%</u>
Experimentation		29.1	1.0%
High Landscape Sensitivity		5.3	0.2%
IFUT		32.0	1.1%
Legal		5.1	0.2%
None		1,868.4	62.8%
Old Woodland Site		79.5	2.7%
Potential Sale		370.9	12.5%
Recreation Site		0.2	0.0%
Statutory Designation		418.4	14.1%
Wildlife		166.9	5.6%
Total		2,975.8	100.0%



Table 3 Area by Fell Year

Forest: WW04

Glendalough

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	79.9	
2007	77.6	
2008	55.5	
2009	101.2	
<u>5 Year Total and Average</u>	<u>314.1</u>	<u>39.26</u>
2010	85.1	
2011	16.2	
2012	29.6	
2013	5.6	
2014	47.3	
<u>5 Year Total and Average</u>	<u>183.7</u>	<u>18.37</u>
2015	7.3	
2016	0.0	



<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2017	23.8	
2018	53.7	
2019	1.6	
<u>5 Year Total and Average</u>	<u>86.4</u>	<u>9.60</u>
2020	45.9	
2021	29.6	
2022	2.4	
2023	51.1	
2024	75.3	
<u>5 Year Total and Average</u>	<u>204.2</u>	<u>22.69</u>

Table 4 Area by Species Group

Forest:	WW04	Glendalough	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	0.6	0.0
	ASH	1.2	0.0
	BE	10.9	0.4
	BI	10.9	0.4
	DF	152.5	5.6
	FIR	25.2	0.9
	LAR	92.0	3.4
	LP	99.6	3.6
	NS	66.1	2.4
	OAK	43.8	1.6
	OB	3.3	0.1
	OC	15.7	0.6
	OP	207.0	7.6
	SS	1,996.3	73.2
	WRC	3.3	0.1
		2,728.4	100.0



Total MU Area 55.5

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
1	WW04-1	Timber Production	None	12.1	1.8	8.3	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144	WW04-6	Seed Stand	Old Woodland Si	9.5	1.4	0.0	0.0	6.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149	WW04-6	Timber Production	None	9.8	1.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0
71	WW04-11	Timber Production	None	5.1	0.8	3.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	WW04-15	Biodiversity	None	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214	WW04-16	Biodiversity	Potential Sale	21.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220	WW04-16	Timber Production	None	32.8	4.9	19.5	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
177	WW04-19	Timber Production	None	8.5	1.3	5.8	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total MU Area 101.2

2010					Area (ha)												
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
31	WW04-5	Christmas Tree Prod	None	2.7	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0

