



Coillte Teoranta

Forest Management Plan

Silvermines

TY04

2006 to 2010

District Manager

Gerry Murphy

District

S2



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Introduction

Forest: TY04 Silvermines
District: S2 District Manager Gerry Murphy

Silvermines forest is situated in the Silvermines mountain range south of Nenagh in north west Tipperary. The forest is located in the Shannon river catchments area. The forest area owned by Coillte is 802.6 hectares mainly of upland forest overlooking Nenagh to the North and Keeper Hill to the south. The main cultural feature of the forest is the old mine works situated close to Silvermines village where silver lead and Zinc were mined for two hundred years up to the mid 1980s. The area around step situated on the public road leading from Silvermines village to the heart of the mountain range is an area of high scenic value with panoramic views of Lough Derg as well as counties Clare, Galway, to the North West and the central plain through the centre of Ireland to the north east. The Galtee mountains and Keeper hill to the south can also be viewed.

The main soil type in Silvermines are high level peats, Gleys and podzols with some mineral small areas of mineral soils.

The main towns and villages located in the catchment area of Silvermines forest are Nenagh 7 miles to the north, Silvermines village situated within the forest catchments, Newport 10 miles to the South.

The management focus for the forest is concerned with production forestry, with an objective of timber production totalling 82% of the forest area. This is due to the soil types and the elevation at which most of the crops are growing at, there are limited opportunities for species diversification because of those factors. However some 138 hectares or 17.3% of the total forest area is being managed for Biodiversity, with 1.4% designated as NHA/SAC. The primary focus on the expansion of the forest area will be through the farm partnership scheme with the current level of 6.9% expected to increase. There is one old woodland site Lahid, in the forest that is also designated to be managed for biodiversity, plans are now in place to restore the area to semi-natural woodland.

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	662.7	82.6%
Biodiversity	138.9	17.3%
Non-forest Commercial	1.0	0.1%
Total	802.6	100.0%



Table 2 Area by Special Consideration

Forest:

TY04

Silvermines

<u>SPECIAL CONSIDERATION</u>	<u>AREA (ha)</u>	<u>%</u>
Access - Other	4.7	0.6%
Expensive Access Road	13.0	1.6%
Farm Partnership	55.0	6.9%
None	638.3	79.5%
Old Woodland Site	80.2	10.0%
Statutory Designation	11.3	1.4%
<hr/> Total	<hr/> 802.6	<hr/> 100.0%



Table 3 Area by Fell Year

Forest: TY04

Silvermines

<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
2006	32.6	
2007	22.7	
2008	0.0	
2009	15.0	
<u>5 Year Total and Average</u>	<u>70.4</u>	<u>10.05</u>
2010	0.0	
2011	4.7	
2012	0.0	
2013	0.0	
2014	9.3	
<u>5 Year Total and Average</u>	<u>14.0</u>	<u>2.00</u>
2015	0.0	
2016	0.0	



	<u>FELL YEAR</u>	<u>AREA (ha)</u>	<u>ANNUAL AVERAGE</u>
	2017	17.8	
	2018	0.0	
	2019	0.0	
<u>5 Year Total and Average</u>		<u>17.8</u>	<u>2.96</u>
	2020	14.7	
	2021	6.5	
	2022	82.9	
	2023	0.0	
	2024	4.3	
<u>5 Year Total and Average</u>		<u>108.4</u>	<u>13.54</u>

Table 4 Area by Species Group

Forest:	TY04	Silvermines	
	<u>SPECIES GROUP</u>	<u>AREA (ha)</u>	<u>%</u>
	ALD	3.6	0.5
	ASH	12.1	1.6
	BE	4.1	0.5
	BI	12.0	1.6
	DF	2.0	0.3
	FIR	4.4	0.6
	LAR	55.8	7.5
	LP	63.1	8.5
	NS	31.3	4.2
	OAK	2.5	0.3
	OB	6.1	0.8
	OC	0.1	0.0
	OP	2.1	0.3
	SS	544.0	73.2
		743.1	100.0



Table 5 Listing of Restocking MUs

Forest:

TY04

Silvermines

2006																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
106	TY04-2	Timber Production	None	17.4	2.6	10.3	0.0	0.0	2.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0
108	TY04-2	Timber Production	None	15.3	2.3	10.4	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Total MU Area				32.6													
2007																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
7	TY04-2	Biodiversity	None	14.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105	TY04-2	Timber Production	None	8.6	5.2	2.4	0.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total MU Area				22.7													
2009																	
MU	Map Cutting	Objective	Special Considerations	MU Area (ha)	Area (ha)												
					Open	Spruce	LP	SP	LAR	FIR	OC	Oak	BE	Ash	BI	Ald	OB
9	TY04-2	Timber Production	None	8.4	1.3	6.1	0.0	0.0	0.7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
45	TY04-4	Timber Production	None	6.6	1.0	4.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Total MU Area				15.0													

