



Coillte Teoranta

Forest Management Plan

Roundwood

WW03

2006 to 2010

District Manager

Tom Lyng

District

E1



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Introduction

Forest: WW03 Roundwood
District: E1 District Manager Tom Lyng

Roundwood forest is situated in eastern County Wicklow. The forest is the local authority area of Wicklow County Council. The forest is in the Eastern River Basin District. The Sugar Loaf and Luggala mountains dominate the landscape of this forest.

The main soil type in Roundwood are brown podzolics, acid brown earths and peaty podzols. The Altire river rises in and flows to the sea through this forest. The forest occupies parts of the Varty and Dargle catchments.

The main towns and villages located in the catchment area of Roundwood forest are Bray, Roundwood, Greystones, Newcastle, Kilcoole, Newtownmountkennedy and Kilmacanogue.

The management focus for the forest is concerned with the production of quality timber in a socially, environmentally and economically sustainable way.

The forest contains 8 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: | WW03 | Roundwood | |
|-----------------------|------|------------------|---------------|
| <u>OBJECTIVE</u> | | <u>AREA (ha)</u> | <u>%</u> |
| Timber Production | | 1,275.8 | 79.5% |
| Biodiversity | | 205.1 | 12.8% |
| Non-forest Commercial | | 112.2 | 7.0% |
| Recreation | | 9.2 | 0.6% |
| Seed Stand | | 3.4 | 0.2% |
| Total | | 1,605.8 | 100.0% |



Table 2 Area by Special Consideration

| Forest: | WW03 | Roundwood | |
|-------------------------------------|-------------|-------------------------|-----------------|
| <u>SPECIAL CONSIDERATION</u> | | <u>AREA (ha)</u> | <u>%</u> |
| Access - Other | | 6.0 | 0.4% |
| Archaeology | | 12.6 | 0.8% |
| Experimentation | | 9.2 | 0.6% |
| Fisheries Protection | | 36.7 | 2.3% |
| IFUT | | 5.4 | 0.3% |
| Legal | | 1.2 | 0.1% |
| None | | 1,108.9 | 69.1% |
| Old Woodland Site | | 132.7 | 8.3% |
| Potential Sale | | 137.4 | 8.6% |
| Recreation Site | | 20.9 | 1.3% |
| Statutory Designation | | 100.8 | 6.3% |
| Water Supply | | 29.4 | 1.8% |
| Wildlife | | 4.6 | 0.3% |
| Total | | 1,605.8 | 100.0% |



Table 3 Area by Fell Year

Forest: WW03

Roundwood

| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2006 | 76.5 | |
| 2007 | 52.6 | |
| 2008 | 79.1 | |
| 2009 | 31.1 | |
| <u>5 Year Total and Average</u> | <u>239.4</u> | <u>29.92</u> |
| 2010 | 72.6 | |
| 2011 | 60.1 | |
| 2012 | 47.7 | |
| 2013 | 3.1 | |
| 2014 | 12.4 | |
| <u>5 Year Total and Average</u> | <u>196.0</u> | <u>19.60</u> |
| 2015 | 16.4 | |
| 2016 | 0.0 | |



| <u>FELL YEAR</u> | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|--|---------------------|-----------------------|
| 2017 | 0.0 | |
| 2018 | 23.4 | |
| 2019 | 6.4 | |
| <u>5 Year Total and Average</u> | <u>46.2</u> | <u>5.77</u> |
| 2020 | 68.1 | |
| 2021 | 4.7 | |
| 2022 | 0.0 | |
| 2023 | 11.8 | |
| 2024 | 52.4 | |
| <u>5 Year Total and Average</u> | <u>136.9</u> | <u>17.11</u> |

Table 4 Area by Species Group

| | | | |
|---------|----------------------|------------------|--------------|
| Forest: | WW03 | Roundwood | |
| | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u> |
| | ALD | 0.6 | 0.0 |
| | ASH | 10.3 | 0.7 |
| | BE | 26.1 | 1.7 |
| | BI | 8.7 | 0.6 |
| | DF | 120.3 | 8.0 |
| | FIR | 66.4 | 4.4 |
| | LAR | 47.2 | 3.1 |
| | LP | 81.8 | 5.4 |
| | NS | 56.1 | 3.7 |
| | OAK | 23.1 | 1.5 |
| | OB | 7.4 | 0.5 |
| | OC | 11.5 | 0.8 |
| | OP | 143.4 | 9.5 |
| | SS | 907.3 | 60.0 |
| | WRC | 2.3 | 0.2 |
| | | 1,512.5 | 100.0 |



Table 5 Listing of Restocking MUs

Forest: WW03 Roundwood

| 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 |
| 2 | WW03-2 | Timber Production | None | 31.6 | 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 |
| 166 | WW03-3 | Timber Production | None | 3.5 | 0.5 | 2.7 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167 | WW03-3 | Biodiversity | Old Woodland Si | 5.8 | 0.9 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 270 | WW03-5 | Timber Production | None | 3.8 | 0.4 | 0.0 | 0.0 | 2.4 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 39 | WW03-6 | Timber Production | None | 4.8 | 0.5 | 3.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 234 | WW03-7 | Timber Production | Statutory Designat | 19.4 | 1.9 | 15.7 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 252 | WW03-7 | Timber Production | None | 2.6 | 0.3 | 2.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 84 | WW03-10 | Timber Production | Fisheries Protect | 4.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85 | WW03-10 | Timber Production | Old Woodland Si | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| Total MU Area | | | | 76.5 | | | | | | | | | | | | | |



| 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 |
| 40 | WW03-6 | Timber Production | None | 16.2 | 2.4 | 12.4 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 41 | WW03-6 | Biodiversity | Fisheries Protect | 0.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 |
| 42 | WW03-6 | Timber Production | None | 4.1 | 0.6 | 2.8 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 215 | WW03-8 | Timber Production | None | 7.5 | 1.1 | 0.0 | 0.0 | 1.6 | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 216 | WW03-8 | Timber Production | None | 2.7 | 0.4 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107 | WW03-13 | Timber Production | None | 5.6 | 0.8 | 2.9 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 108 | WW03-13 | Timber Production | None | 5.6 | 0.8 | 3.3 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 133 | WW03-15 | Biodiversity | Old Woodland Si | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137 | WW03-15 | Timber Production | None | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 138 | WW03-15 | Timber Production | Old Woodland Si | 1.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 139 | WW03-15 | Biodiversity | Fisheries Protect | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 |

