

# INDEX

## Areas of Scientific Interest in Co. Offaly, O.S. Sheets 15,16 & 18

(April 1992)

| <u>Site No.</u> | <u>Name</u>                                                | <u>Grid Ref.</u> | <u>Interest</u>  | <u>Rating</u> | <u>Reference</u> |
|-----------------|------------------------------------------------------------|------------------|------------------|---------------|------------------|
| 216             | River Shannon Callows,<br>Athlone - Portumna               | N98 23           | Ecological (B,0) | I             | AFF              |
| 412             | Slieve Bloom Mountains                                     | N25 02           | Ecological (B)   | I             | AFF, WS          |
| 413             | Annaghmore Lough                                           | N30 15           | Ecological (B)   | R             | AFF              |
| 564             | River Little Brosna Callows,<br>New Bridge - River Shannon | M98 11           | Ecological (0)   | I             | AFF, WS          |
| 565             | Clonydonnin Bog                                            | N12 33           | Ecological (B)   | R             | WS (Bog)         |
| 566             | All Saint's Bog                                            | N01 11           | Ecological (B)   | I             | WS (Bog)         |
| 567             | Banagher (Domestic Dwell-<br>ing, Occupied)                | N049165          | Ecological (Z)   | N             | WS               |
| 568             | Birr (Domestic Dwelling<br>No. 2, Occupied)                | N062045          | Ecological (Z)   | N             | WS               |
| 569             | Birr (Domestic Dwelling<br>No. 1, Occupied)                | N057046          | Ecological (Z)   | N             | WS               |
| 570             | Black Castle Bog                                           | N58 35           | Ecological (B)   | N             | WS (Bog)         |
| 571             | Charleville Wood                                           | N32 23           | Ecological (B,0) | I             | AFF              |
| 572             | Clara Bog                                                  | N25 30           | Ecological (B)   | I             | WS (Bog), AFF    |
| 573             | Cloghan Demesne Bog                                        | M97 12           | Ecological (B)   | N             | AFF              |
| 574             | Clonad Wood                                                | N32 19           | Ecological (B)   | R             | AFF              |
| 575             | Ferbane Bog                                                | N11 25           | Ecological (B)   | N             | WS (Bog)         |
| 576             | Finlough                                                   | N03 29           | Ecological (B,0) | N             | AFF              |
| 577             | Kilduff Bog                                                | N46 32           | Ecological (B)   | N             | WS (Bog)         |
| 578             | Killballyskea                                              | S07 92           | Ecological (B)   | R             | WS (Bog)         |
| 579             | Kinnitty (Domestic Dwell-<br>ing, Occupied)                | N179051          | Ecological (Z)   | N             | WS               |

| <u>Site No.</u> | <u>Name</u>              | <u>Grid Ref.</u> | <u>Interest</u>                    | <u>Rating</u> | <u>Reference</u> |
|-----------------|--------------------------|------------------|------------------------------------|---------------|------------------|
| 580             | Mongan Bog               | N03 30           | Ecological (B)                     | I             | WS               |
| 581             | Moyclare Bog             | N08 24           | Ecological (B)                     | R             | WS (Bog)         |
| 582             | Raheenmore Bog           | N44 32           | Ecological (B)                     | N             | WS (Bog),<br>AFF |
| 583             | Roscrea Bog              | S16 90           | Ecological (B,Z)                   | R             | AFF              |
| 584             | Roscrea Convent (Offaly) | S094954          | Ecological (Z)                     | N             | WS               |
| 585             | Sharavogue Bog           | S04 98           | Ecological (B)                     | N             | WS (Bog)         |
| 586             | Woodfield Bog            | N25 36           | Ecological (B)                     | N             | WS (Bog),<br>AFF |
| 872             | Monettia Bog             | N35 15           | Ecological (B,Z)                   | R             | AFF              |
| 882             | Ballintemple Bog         | S01 84           | Ecological (B)                     | L             | AFF              |
| 883             | Ballychristal, Geashill  | N46 20           | Ecological (B)                     | Not rated     | WS               |
| 884             | Ballycumber Bog          | N16 29           | Ecological (B)                     | L             | AFF              |
| 885             | Ballyduff Esker          | N28 27           | Ecological (B)<br>Geomorphological | N             | AFF              |
| 886             | Barna Bog                | S04 83           | Ecological (B)                     | L             | WS (Bog)         |
| 887             | Barnaboy Bog             | N43 29           | Ecological (B)                     | N             | WS (Bog)         |
| 888             | Cadamstown E & W Bog     | N21 09<br>N20 09 | Ecological (B)                     | R             | WS (Bog)         |
| 889             | Camcor Wood              | N22 04           | Ecological (B)                     | L             | AFF              |
| 890             | Cangort Bog              | S03 93           | Ecological (B)                     | L             | WS (Bog)         |
| 891             | Clonad                   | N34 18           | Ecological (B)                     | Not rated     | WS               |
| 892             | Clonfinlough Esker       | N06 29           | Ecological (B)<br>Geomorphological | L             | AFF              |
| 893             | Clonlyon Bog             | N09 28           | Ecological (B)                     | R             | WS (Bog)         |
| 894             | Clorhane                 | M99 28           | Geomorphological<br>Ecological (B) | R             | AFF              |
| 895             | Croaghan Hill            | N48 33           | Geological                         | N             | AFF              |
| 896             | Derrygolan               | N34 21           | Ecological (B)                     | Not rated     | WS               |

| <u>Site No.</u> | <u>Name</u>                      | <u>Grid Ref.</u>         | <u>Interest</u>                    | <u>Rating</u> | <u>Reference</u> |
|-----------------|----------------------------------|--------------------------|------------------------------------|---------------|------------------|
| 897             | Derrykeel Meadows                | N16 04                   | Ecological (B)                     | L             | AFF              |
| 898             | Derryvilla, Edenderry            | N64 29                   | Ecological (B)                     | Not rated     | WS               |
| 899             | Dovegrove Wood                   | N045065                  | Ecological (B)                     | Not rated     | AFF              |
| 900             | Drumakeenan                      | S107917                  | Ecological (B)                     | Not rated     | WS               |
| 901             | Eagle Hill                       | S103923                  | Ecological (B)                     | Not rated     | WS               |
| 902             | Esker Bridge                     | N55 27                   | Ecological (B)<br>Geomorphological | L             | AFF              |
| 903             | Golden Grove Woods               | S12 92                   | Ecological (B)                     | L             | AFF              |
| 904             | Grand Canal                      | N525311<br>to<br>N579326 | Ecological (B)                     | L             | AFF              |
| 905             | Kilcormac                        | N15 14                   | Ecological (B)                     | Not rated     | WS               |
| 906             | Kilcormac Esker                  | N26 21                   | Geomorphological<br>Ecological (B) | R             | AFF              |
| 907             | Knockbarron Wood                 | N18 07                   | Ecological (B)                     | L             | AFF              |
| 908             | Lough Boora                      | N16 18                   | Geological                         | L             | AFF              |
| 909             | Lough Coura                      | N09 13                   | Ecological (B)                     | R             | AFF              |
| 910             | Lough Nanag Esker                | N00 28                   | Ecological (B,O)                   | R             | AFF              |
| 911             | Moll Joy's Hill                  | S19 94                   | Ecological (B)                     | Not rated     | WS               |
| 912             | Monasset Bog                     | N40 31                   | Ecological (B)                     | N             | WS (Bog)         |
| 913             | Mount St. Joseph Woods           | S08 90                   | Ecological (B,Z)                   | R             | AFF              |
| 914             | Newtown                          | M98 11                   | Ecological (B)                     | Not rated     | WS               |
| 915             | N52 West of Kilcormac            | N12 12                   | Ecological (B)                     | Not rated     | WS               |
| 916             | Pallas Lough                     | N27 19                   | Ecological (B,O,Z)                 | R             | AFF              |
| 875             | Portarlinton Golf Course         | N50 10                   | Ecological (B)                     | Not rated     | WS               |
| 917             | Raheen Lough                     | N46 18                   | Ecological (O)                     | L             | AFF              |
| 918             | Rahugh Ridge (Kiltober<br>Esker) | N38 <sup>32</sup> (23)   | Ecological (B)                     | N             | AFF              |

| <u>Site No.</u> | <u>Name</u>                 | <u>Grid Ref.</u> | <u>Interest</u>                    | <u>Rating</u> | <u>Reference</u> |
|-----------------|-----------------------------|------------------|------------------------------------|---------------|------------------|
| 919             | Ridge Road, SW of Rapemills | N03 09           | Ecological (B)                     | Not rated     | WS               |
| 920             | Ross & Glenns Eskers        | N06 08           | Ecological (B)<br>Geomorphological | L             | AFF              |
| 921             | Screggan Bog                | N287195          | Ecological (B)                     | L             | WS (Bog),<br>AFF |
| 922             | Shane                       | N62 28           | Ecological (B)                     | Not rated     | WS               |
| 923             | Sheridan's Pit              | N62 28           | Ecological (B)                     | Not rated     | WS               |
| 924             | The Derries                 | N12 07           | Ecological (B)                     | L             | AFF              |
| 925             | The Long Derries, Edenderry | N65 29           | Ecological (B)                     | Not rated     | WS               |
| 926             | Whigsborough House          | N09 11           | Ecological (B)                     | Not rated     | WS               |
| 927             | Woodville Woods             | N07 07           | Ecological (B)                     | R             | AFF              |

B - Botanical

I - International

O - Ornithological

N - National

Z - Zoological

R - Regional

AFF - An Foras Forbartha

L - Local

WS - Wildlife Service

WS (Bog) - Wildlife Service (Bog Survey)

Areas of Scientific Interest in Co. Offaly

Additions and amendments to the 1982/83/86/87 ASI maps

SHEET 15

| <u>Site No.</u> | <u>Name</u>                              | <u>Grid Ref.</u> | <u>Comments</u>                                                                                                                                                              |
|-----------------|------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 566             | All Saint's Bog                          | N01 11           | Extended southward to include All Saint's Bog Esker, a site for <u>Orchis morio</u> , and Coneycarn Pit, a site for <u>Erigeron acer</u> and <u>Galeopsis angustifolia</u> . |
| 567             | ✓ Banagher (Domestic Dwelling, Occupied) | N049165          | Additional site (Bats).                                                                                                                                                      |
| 568             | Birr (Domestic Dwelling No. 2, Occupied) | N062045          | Additional site (Bats).                                                                                                                                                      |
| 569             | Birr (Domestic Dwelling No. 1, Occupied) | N057046          | Additional site (Bats).                                                                                                                                                      |
| 579             | Kinnitty (Domestic Dwelling, Occupied)   | N179051          | Additional site (Bats).                                                                                                                                                      |
| 580             | Mongan Bog                               | N03 30           | Extended northwards to include parts of Clonmacnoise Esker, supporting several populations of <u>Orchis morio</u> and a possible site for <u>Neotiea intacta</u> .           |
| 584             | Roscrea Convent (Offaly)                 | S094954          | Additional site (Bats).                                                                                                                                                      |
| 883             | Ballychristal, Geashill                  | N46 20           | Additional site, with <u>Orchis morio</u> .                                                                                                                                  |
| 891             | Clonad                                   | N34 18           | Additional site, with two stands of <u>Frangula alnus</u> .                                                                                                                  |
| 896             | Derrygolan                               | N34 21           | Additional site, with <u>Frangula alnus</u> .                                                                                                                                |
| 900             | Drumakeenan                              | S107917          | Additional site, with <u>Campanula trachelium</u> .                                                                                                                          |
| 901             | Eagle Hill                               | S103923          | Additional site, with <u>Campanula trachelium</u> .                                                                                                                          |
| 905             | Kilcormac                                | N15 14           | Additional site, with <u>Orchis morio</u> .                                                                                                                                  |

SHEET 15 cont.

|     |                             |         |                                                                                                                                                                         |
|-----|-----------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 910 | Lough Nanag Esker           | N00 28  | Extended westward to include population of <u>Orchis morio</u> .                                                                                                        |
| 911 | Moll Joy's Hill             | S19 94  | Additional site, with <u>Prunus padus</u> .                                                                                                                             |
| 913 | Mount St. Joseph Woods      | S08 90  | Southern block of woodland omitted from 1982 ASI map.                                                                                                                   |
| 914 | Newtown                     | M98 11  | Additional site, with <u>Orchis morio</u> .                                                                                                                             |
| 915 | N52 West of Kilcormac       | N12 12  | Additional site, with <u>Erigeron acer</u> .                                                                                                                            |
| 918 | Rahugh Ridge (Kiltober      | N38 23  | Extended southward towards Murphy's Bridge and northwards across county boundary to include populations of <u>Erigeron acer</u> and <u>Galeopsis angustifolia</u> .     |
| 919 | Ridge Road, SW of Rapemills | N03 09  | Additional site, with <u>Orchis morio</u> .                                                                                                                             |
| 920 | Ross & Glenns Eskers        | N06 08  | Eastern hills omitted from 1982 ASI map.                                                                                                                                |
| 921 | Screggan Bog                | N287195 | Two sites listed under this name, with the same grid ref., in 1982 ASI Index. One of the sites (marked as site 48 on 1982 ASI map) has been omitted from this revision. |
| 926 | Whigsborough House          | N09 11  | Additional site, with <u>Orchis morio</u> .                                                                                                                             |

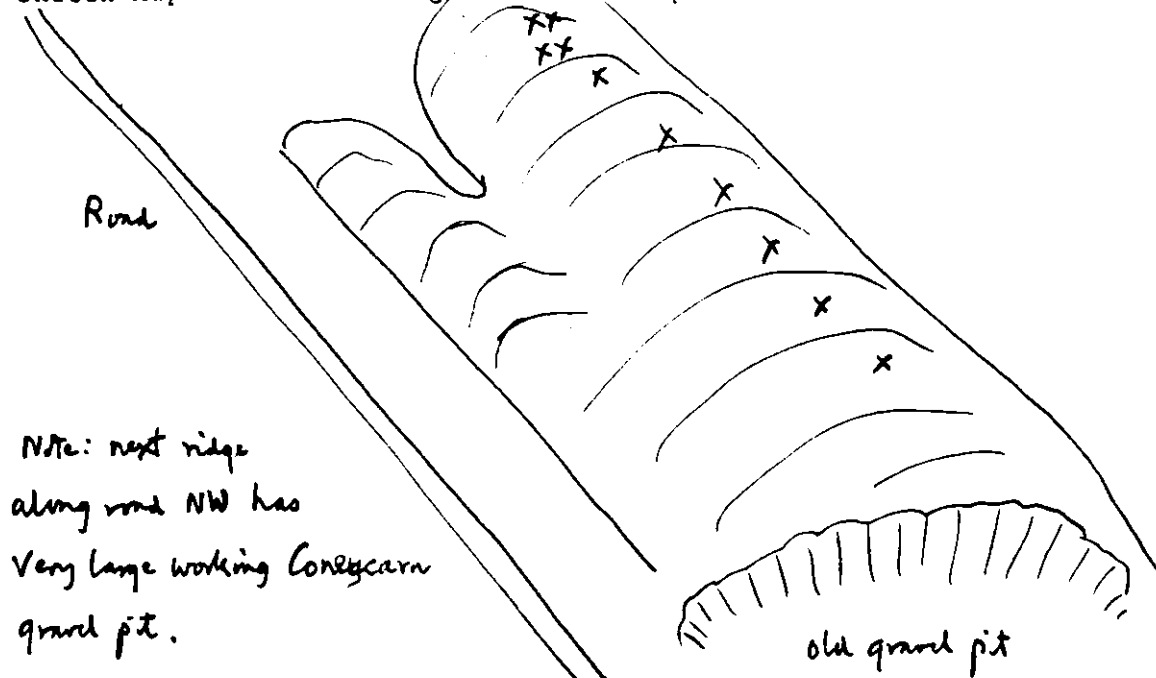
SHEET 16

|     |                             |        |                                                                                                           |
|-----|-----------------------------|--------|-----------------------------------------------------------------------------------------------------------|
| 898 | Derryvilla, Edenderry       | N64 29 | Additional site, with <u>Orchis morio</u> .                                                               |
| 902 | Esker Bridge                | N55 27 | Extended northward to include Esker Haymeadow, a site with <u>Erigeron acer</u> and <u>Orchis morio</u> . |
| 875 | Portarlinton Golf Course    | N50 10 | Additional site, with <u>Campanula trachelium</u> .                                                       |
| 922 | Shane                       | N62 28 | Additional site, with <u>Orchis morio</u> .                                                               |
| 923 | Sheridan's Pit              | N62 28 | Additional site, with <u>Galeopsis angustifolia</u> .                                                     |
| 925 | The Long Derries, Edenderry | N65 29 | Additional site, with <u>Erigeron acer</u> , <u>Acinos arvensis</u> and <u>Orchis morio</u> .             |

|                                  |           |                           |                                      |
|----------------------------------|-----------|---------------------------|--------------------------------------|
| Species<br><i>Orchis morio</i>   |           | Vice-County Number<br>418 | Vice-County<br>Offaly                |
| Locality<br>All Saints Bog esker |           | Land Owner/Occupier       |                                      |
| Grid Ref<br>N00-10-              | Area (Ha) | Date<br>18/6/91           | Recorder<br>R. FitzGerald, M. Feehan |

Sketch Map of Site Showing Location of Species

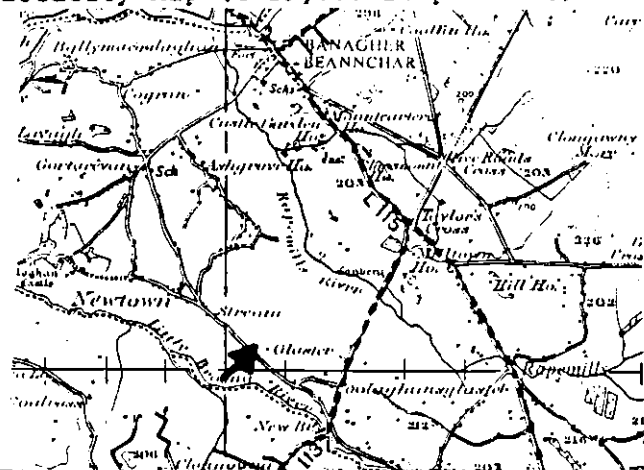
Indicate North



Size of Population

Approx 500 flowering spikes. Very abundant at NW end of ridge

Locality Map (1:25,000 if possible)



Associated Species

*Antennaria dioica*  
*Anthoxanthum odoratum*  
*Anacamptis pyramidalis*  
*Antyllis vulneraria*  
*Blackstonia perfoliata*  
*Pollis perennis*  
*Brija media*  
*Carlina vulgaris*  
*Cynodon cristatus*  
*Carex flacca*  
*C. canophylla*  
*C. pulchra*

*Danthonia decumbens*  
*Dactylorhiza fuchsii*  
*Euphrasia* sp.  
*Galium verum*  
*Helictotrichon pubescens*  
*Hypericum perforatum*  
*Hypochaeris radicata*  
*Gentianella amarella*  
*G. campestris*  
*Koeleria macrantha*  
*Kranzia arvensis*  
*Leucantherum vulgare*  
*Limonium catharticum*

Other Data

Found here by M. Feehan (Ranger) May 1991

Threats and Proposed Conservation Measures

Gravel digging.

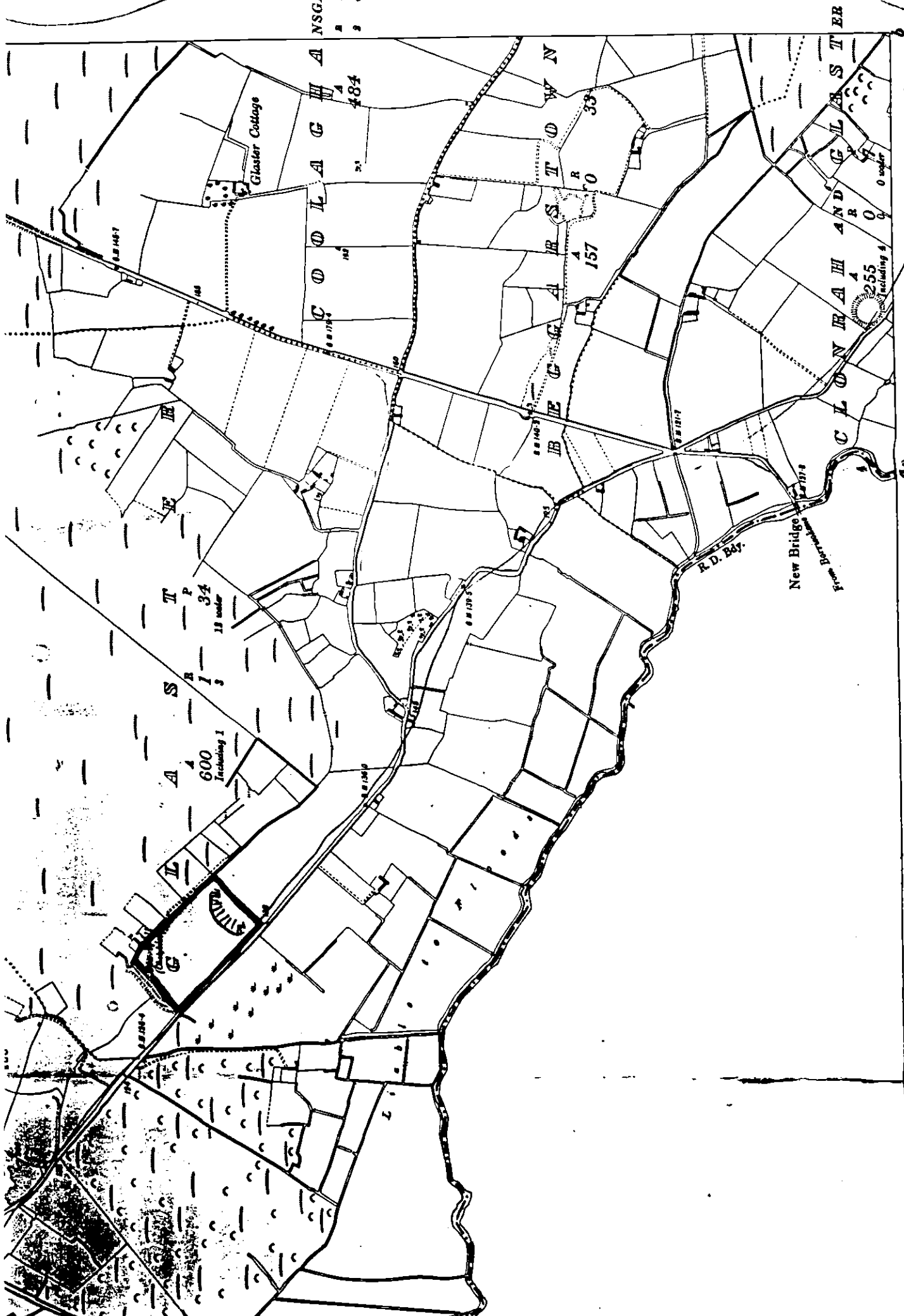
This very rich relict esker ridge is an important botanical site.

extension

# ALL "SAINTS" BOG ESKER

NSGLASTER

A  
P  
4



Price 10/- Net.

Ordnance

80 Chains

70

40

20

0

20

40

60

80

100

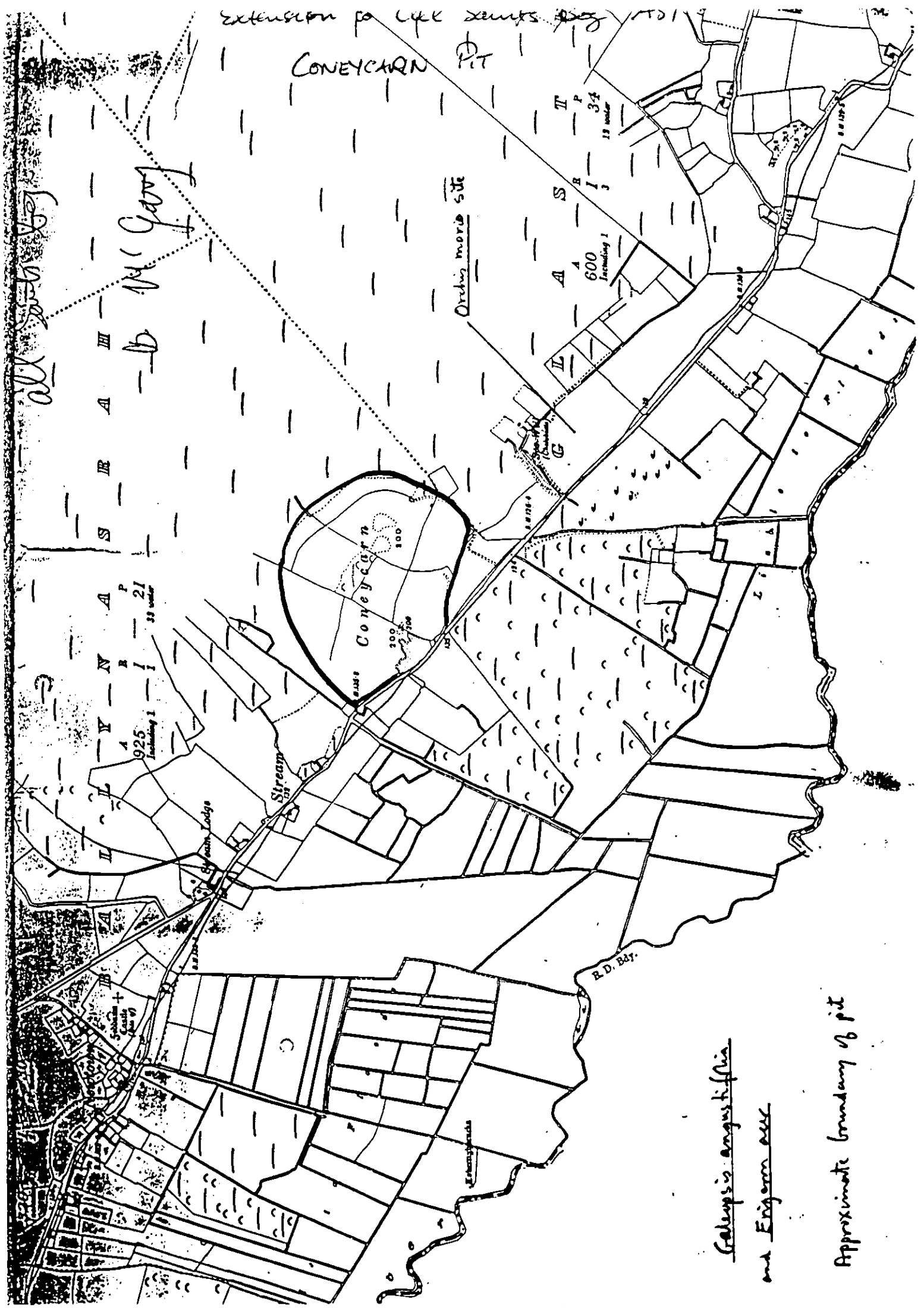
Scale - Six Inches to One Statute Mile or 880 Feet to One Inch = 1:10,560.

All Saints Bog Esker  
1991



|                                                                                 |           |                                                                                                                                                                                                          |                                                   |
|---------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Species<br><i>Eriophorum</i>                                                    |           | Vice-County Number<br>H18                                                                                                                                                                                | Vice-County<br>Offaly                             |
| Locality<br>Creegan Pit, All Saints Bog<br>esker                                |           | Land Owner/Occupier                                                                                                                                                                                      |                                                   |
| Grid Ref<br>N00-10-                                                             | Area (Ha) | Date<br>6/8/91                                                                                                                                                                                           | Recorder<br>R. Fitzgibbon, C. O'Grady, A. C. Lusk |
| <p>Sketch Map of Site Showing Location of Species</p>                           |           |                                                                                                                                                                                                          |                                                   |
| <p>Size of Population &gt;200 on very dry open gravel areas and banks.</p>      |           |                                                                                                                                                                                                          |                                                   |
|                                                                                 |           | <p>Associated Species not included in relevé</p> <p><i>Chenopodium minus</i><br/> <i>Cotoneaster horizontalis</i><br/> <i>Linum catharticum</i></p> <p>Also present: <i>Eriophorum angustifolium</i></p> |                                                   |
| <p>Other Data</p> <p>Previous record: All Saints Bog esker,<br/>Cross, 1988</p> |           | <p>Threats and Proposed Conservation Measures</p> <p>Probably OK in present working pattern of pit.</p>                                                                                                  |                                                   |

|                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------|---|---------------------------------------------|---------------------|---|-----------------------------|---|-----------------------------|---|---------------------------------------------------------------------------------------------------------------------|----------------------|---|--------------------------|---|--------------------------------------|---|
| Species<br><i>Galeopsis angustifolia</i>                                                                                                                                                                                    |           | Vice-County Number<br>H18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Vice-County<br>Offaly                         |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| Locality<br>Coneycam Pit, All Saints Bog<br>esker                                                                                                                                                                           |           | Land Owner/Occupier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| Grid Ref<br>N00-10-                                                                                                                                                                                                         | Area (Ha) | Date<br>6/8/91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Recorder<br>R. FitzGerald, C O'Grada, AC Lusk |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <p>Sketch Map of Site Showing Location of Species</p> <p>Indicate North</p> <p>Concrete base</p> <p>lorry track into main pit</p> <p>Plants also scattered elsewhere</p> <p>Road</p> <p>spiral heaps &amp; gravel banks</p> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <p>Size of Population &gt;100, mostly on unstable spiral heaps near entrance, but plants scattered through west part of pit</p>                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
|                                                                                                                                                                                                                             |           | <p>Associated Species: West aspect. Slope 60. Cnr 30%</p> <table border="0"> <tr> <td><i>Centauria nigra</i></td> <td>+</td> <td rowspan="3">Also present:<br/><u><i>Eriogon acer</i></u></td> </tr> <tr> <td><i>Galium verum</i></td> <td>+</td> </tr> <tr> <td><i>Hypericum perforatum</i></td> <td>+</td> </tr> <tr> <td><i>Leucanthemum vulgare</i></td> <td>1</td> <td rowspan="4">Also associated:<br/><i>Citron custer</i><br/><i>horizontalis</i><br/><i>Kranzia arvensis</i><br/><i>Thymus praecox</i></td> </tr> <tr> <td><i>Pilosella</i> sp.</td> <td>+</td> </tr> <tr> <td><i>Sonchus oleraceus</i></td> <td>+</td> </tr> <tr> <td><u><i>Galeopsis angustifolia</i></u></td> <td>4</td> </tr> </table> |                                               | <i>Centauria nigra</i> | + | Also present:<br><u><i>Eriogon acer</i></u> | <i>Galium verum</i> | + | <i>Hypericum perforatum</i> | + | <i>Leucanthemum vulgare</i> | 1 | Also associated:<br><i>Citron custer</i><br><i>horizontalis</i><br><i>Kranzia arvensis</i><br><i>Thymus praecox</i> | <i>Pilosella</i> sp. | + | <i>Sonchus oleraceus</i> | + | <u><i>Galeopsis angustifolia</i></u> | 4 |
| <i>Centauria nigra</i>                                                                                                                                                                                                      | +         | Also present:<br><u><i>Eriogon acer</i></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <i>Galium verum</i>                                                                                                                                                                                                         | +         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <i>Hypericum perforatum</i>                                                                                                                                                                                                 | +         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <i>Leucanthemum vulgare</i>                                                                                                                                                                                                 | 1         | Also associated:<br><i>Citron custer</i><br><i>horizontalis</i><br><i>Kranzia arvensis</i><br><i>Thymus praecox</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <i>Pilosella</i> sp.                                                                                                                                                                                                        | +         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <i>Sonchus oleraceus</i>                                                                                                                                                                                                    | +         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <u><i>Galeopsis angustifolia</i></u>                                                                                                                                                                                        | 4         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |
| <p>Other Data</p> <p>Not previously recorded here</p>                                                                                                                                                                       |           | <p>Threats and Proposed Conservation Measures</p> <p>Probably OK. in present working pattern of pit.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                        |   |                                             |                     |   |                             |   |                             |   |                                                                                                                     |                      |   |                          |   |                                      |   |



Extension for Cuck Demits 1957

CONEYCARN Pit

all south of

S R A III

B Mc Gary

L Y N A P  
925 21  
footing 1 33 water

Orchard morie site

A S R T  
600 34  
footing 1 12 water

R.D. Bdy.

Galunipis angustifolia

and Erigeron acer

Approximate boundary of pit

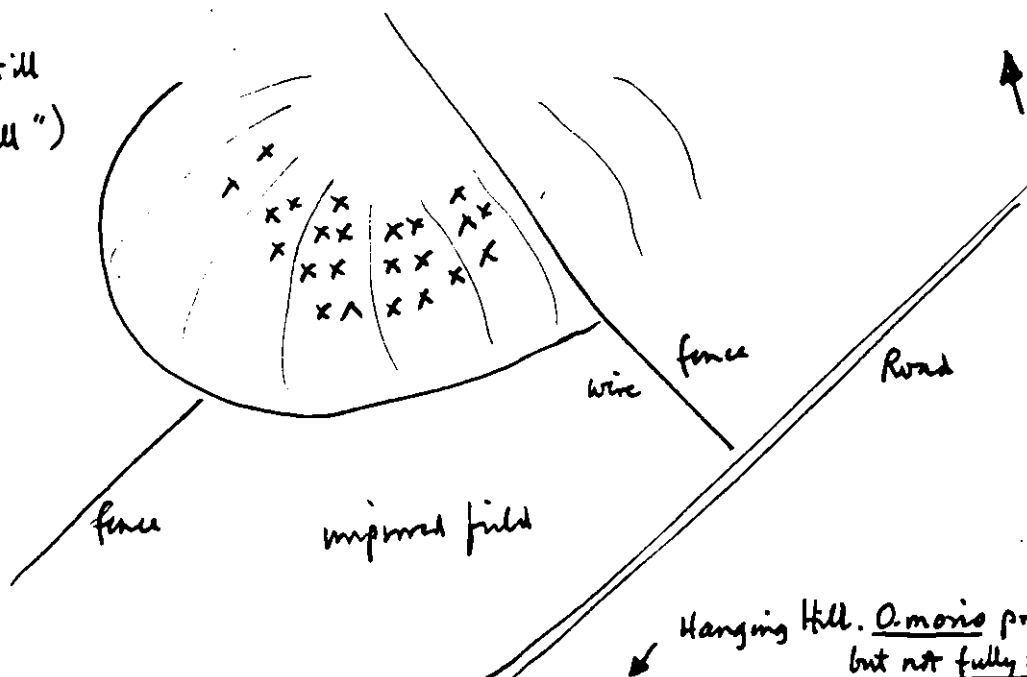
Extension to Mangers Bog 751

|                                                      |           |                           |                                       |
|------------------------------------------------------|-----------|---------------------------|---------------------------------------|
| Species<br><i>Orchis morio</i>                       |           | Vice-County Number<br>H18 | Vice-County<br>Offaly                 |
| Locality<br>Clonmacnoise esker Site E<br>(Clonmacra) |           | Land Owner/Occupier       |                                       |
| Grid Ref<br>N02-31                                   | Area (Ha) | Date<br>21/5/91           | Recorder<br>R. Fitz Gerald . M Feehan |

Sketch Map of Site Showing Location of Species

Indicate North

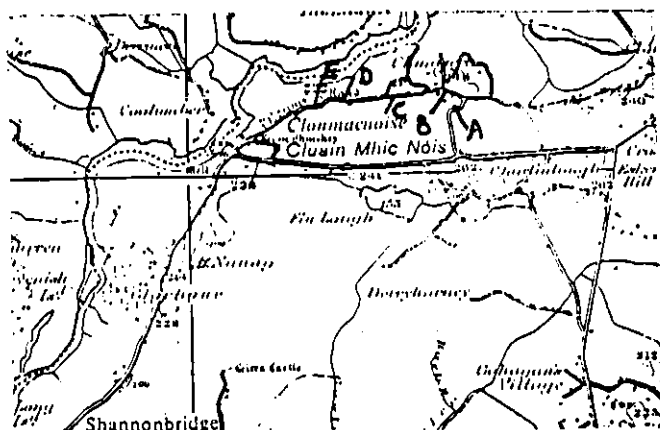
Bunthilla Hill  
("The round hill")



Size of Population

> 1000 flowering spikes. Full colour range.

Locality Map (1:25,000 if possible)



Associated Species

Detailed list not taken, but flora very rich. Possible site for Nectinea intacta?

Other Data

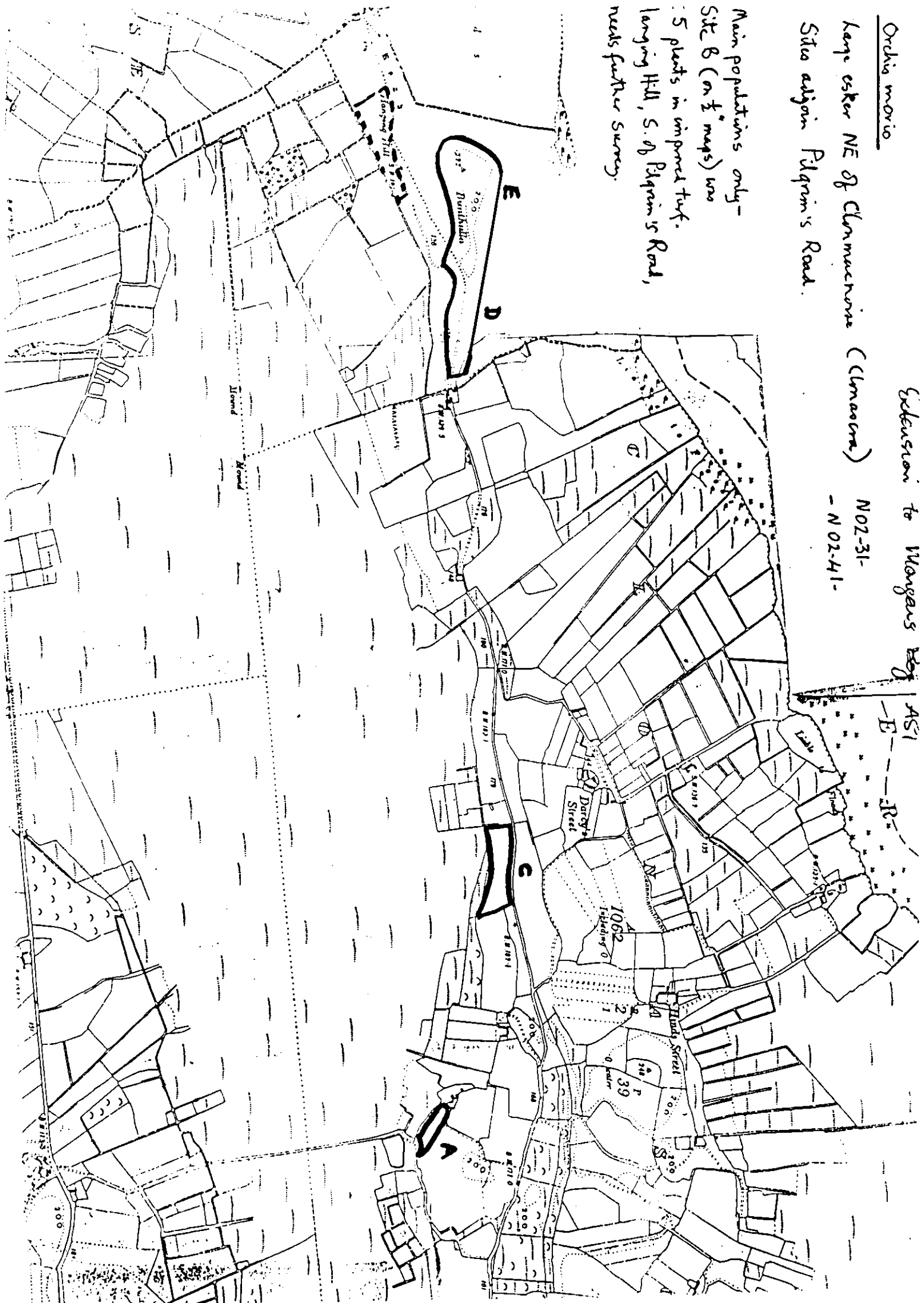
Previously recorded in this area  
Tubridy 1987 etc.

Threats and Proposed Conservation Measures

Conservation of this magnificent ridge is of great importance

extension to Mangers ~~by~~

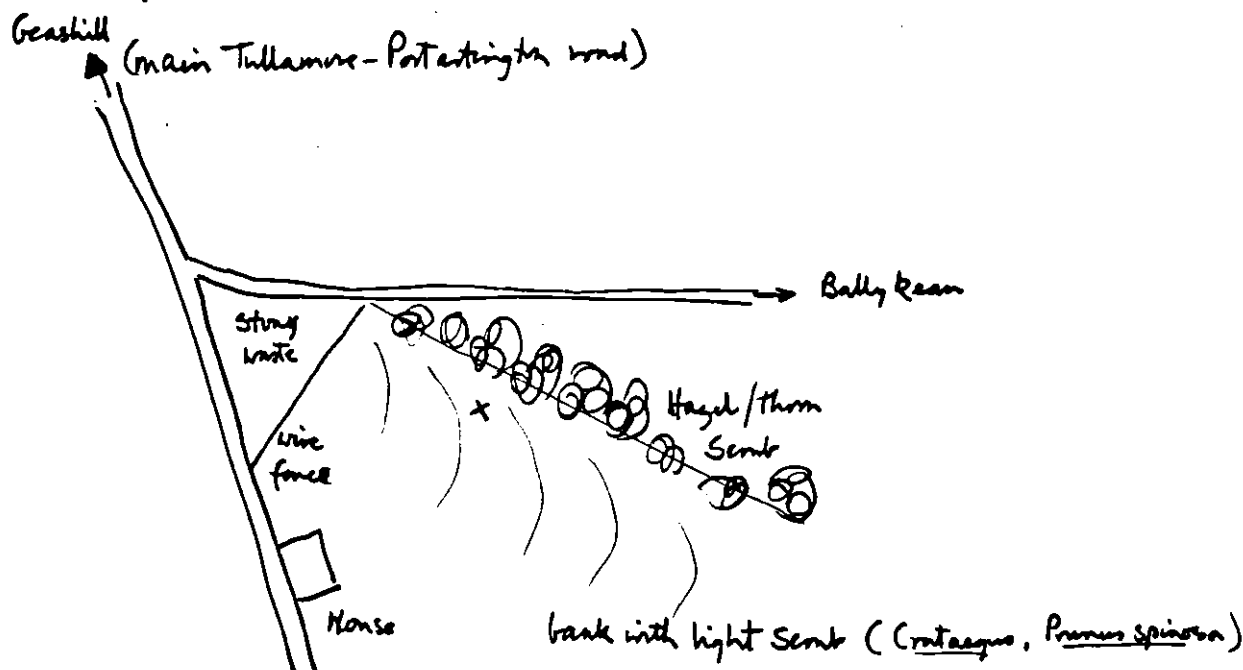
N02-31-  
-N02-41-

$$AS_1 - E - - - R^*$$


|                                     |           |                           |                           |
|-------------------------------------|-----------|---------------------------|---------------------------|
| Species<br><i>Oribis morio</i>      |           | Vice-County Number<br>H18 | Vice-County<br>Offaly     |
| Locality<br>Ballychristal, Geashill |           | Land Owner/Occupier       |                           |
| Grid Ref<br>N46-20-                 | Area (Ha) | Date<br>17/6/91           | Recorder<br>R. FitzGerald |

Sketch Map of Site Showing Location of Species

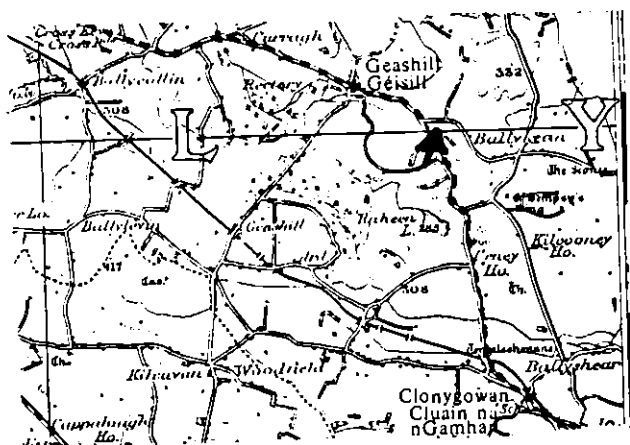
Indicate North



Size of Population

2 flowering spikes [late survey - numbers not certain]

Locality Map (1:25,000 if possible)



Associated Species

*Anthoxanthum odoratum*  
*Anthyllis vulneraria*  
*Brija media*  
*Pollia pannonica*  
*Carex flacca*  
*C. coryophylla*  
*Cynosurus cristatus*  
*Centaurea nigra*  
*Dactylis decumbens*  
*Daucus carota*  
*Eupatorium majus*  
*Festuca ovina*  
*Galium verum*  
*Geranium (in hedge)*  
*Oribis morio*

*Hypochaeris radicata*  
*Limonium catharticum*  
*Lamotodon hispidus*  
*Lotus corniculatus*  
*Leucanthemum vulgare*  
*Potentilla sterilis*  
*Primula veris*  
*Plantago lanceolata*  
*Pilosella* sp.  
*Polygala vulgaris*  
*Potentilla anglica*  
*Rhinanthus minor*  
*Ranunculus bulbosus*  
*Rosa* spp.  
*Succisa pratensis*  
*Thymus praecox*  
*Trisetum flavescens*

Threats and Proposed Conservation Measures

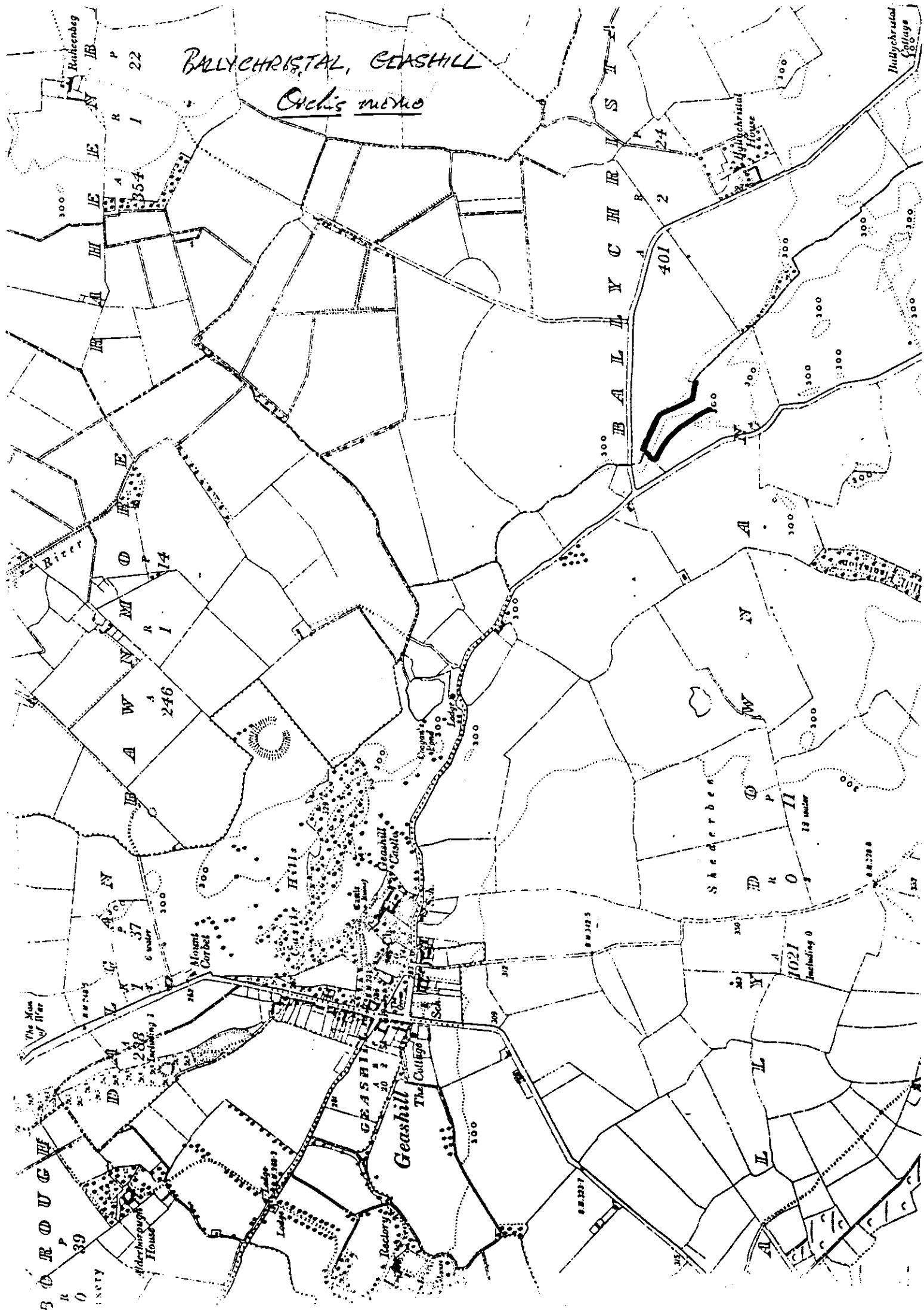
Other Data

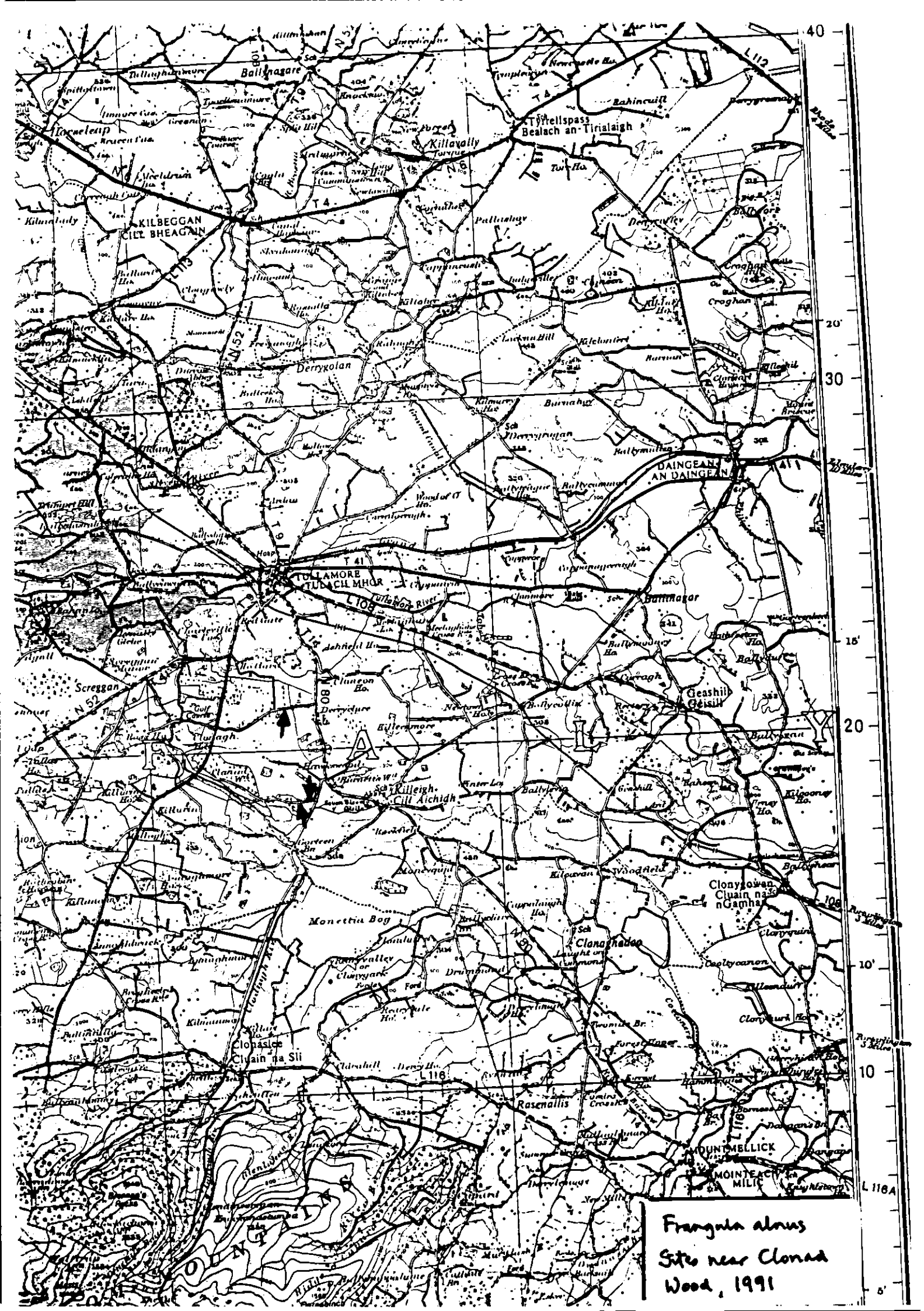
Found here by J. Moore (Ranger) 6/6/91

Previous record in this area: Nr Geashill,  
 Preger 1895 (DBN), 1900

Improvement. Further building. This is a  
 very small relict bank on former extensive  
 wetter grassland.

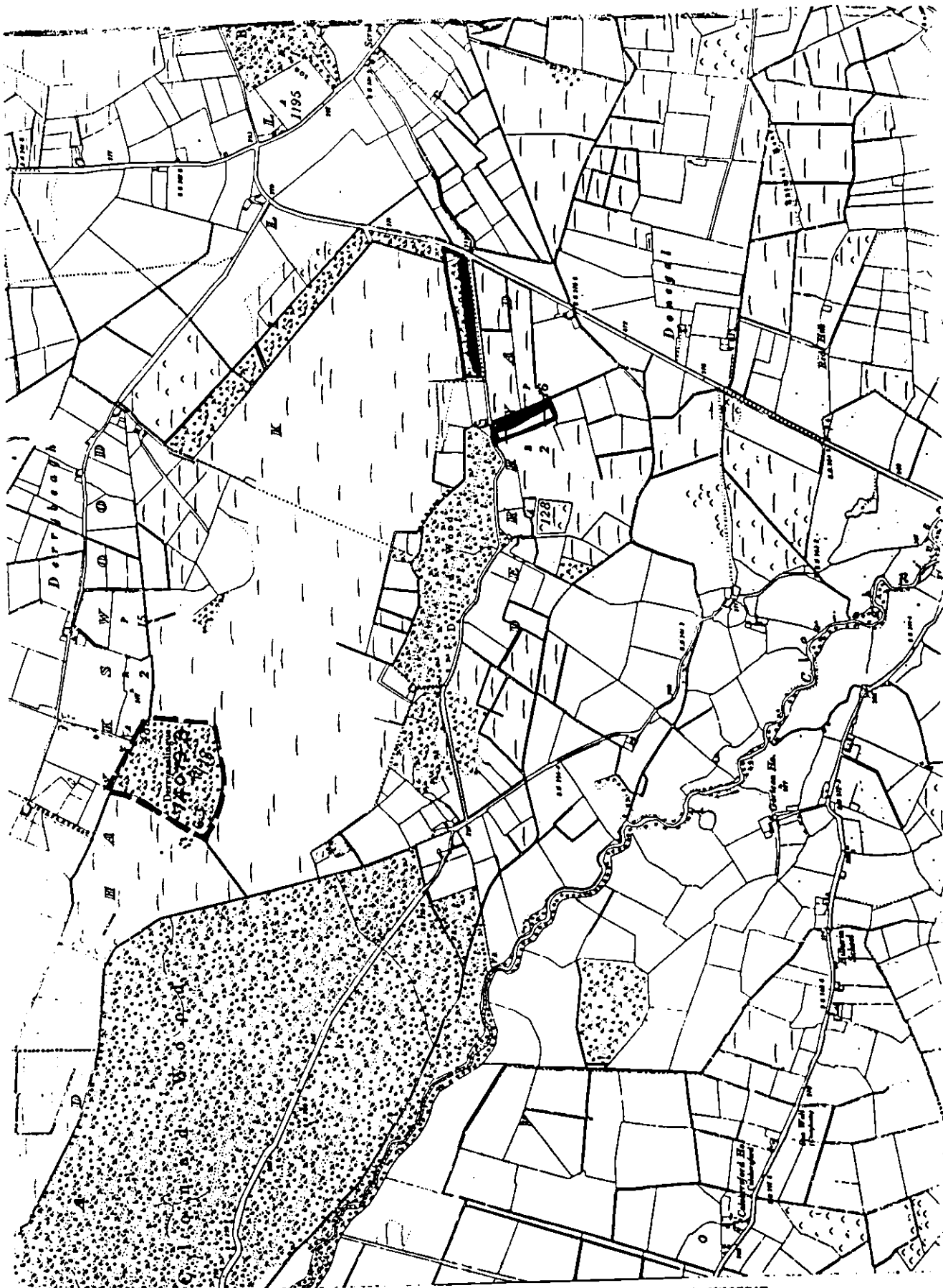
Och's memo





Frangula alnus  
Site near Clonad  
Wood, 1991





CLON

CLONAD

Frangula alnus

Frangula alnus

DERRY GOLLAN

BALLYCOWAN BT  
CLONMINECH BT

BALLYCOWAN BT

BALLYCOWAN BT  
CLONMINECH BT

To Tallaght

St. O'Hara's Hill

CLONMINECH EAST

381 0 3

D E R R Y G O L L A N

Derrygollan Wood

D E R R Y

42

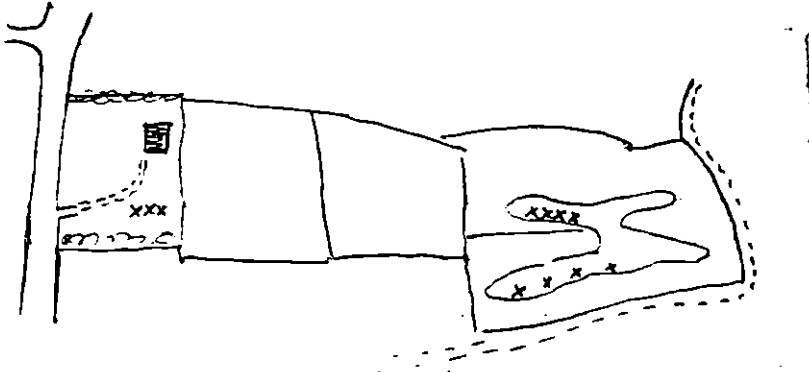
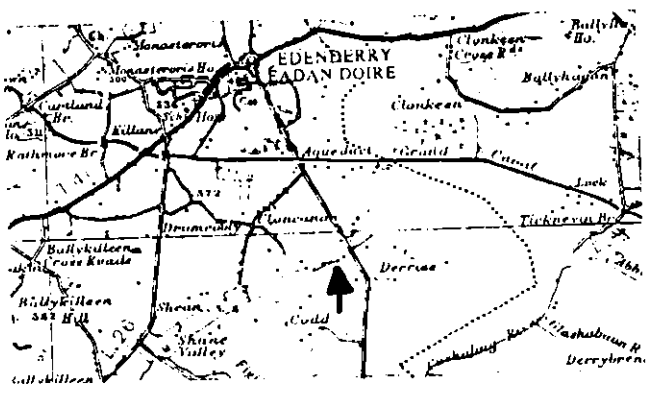
Derrygollan

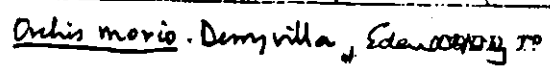
Derrygollan

74079.3

6.5 18.4

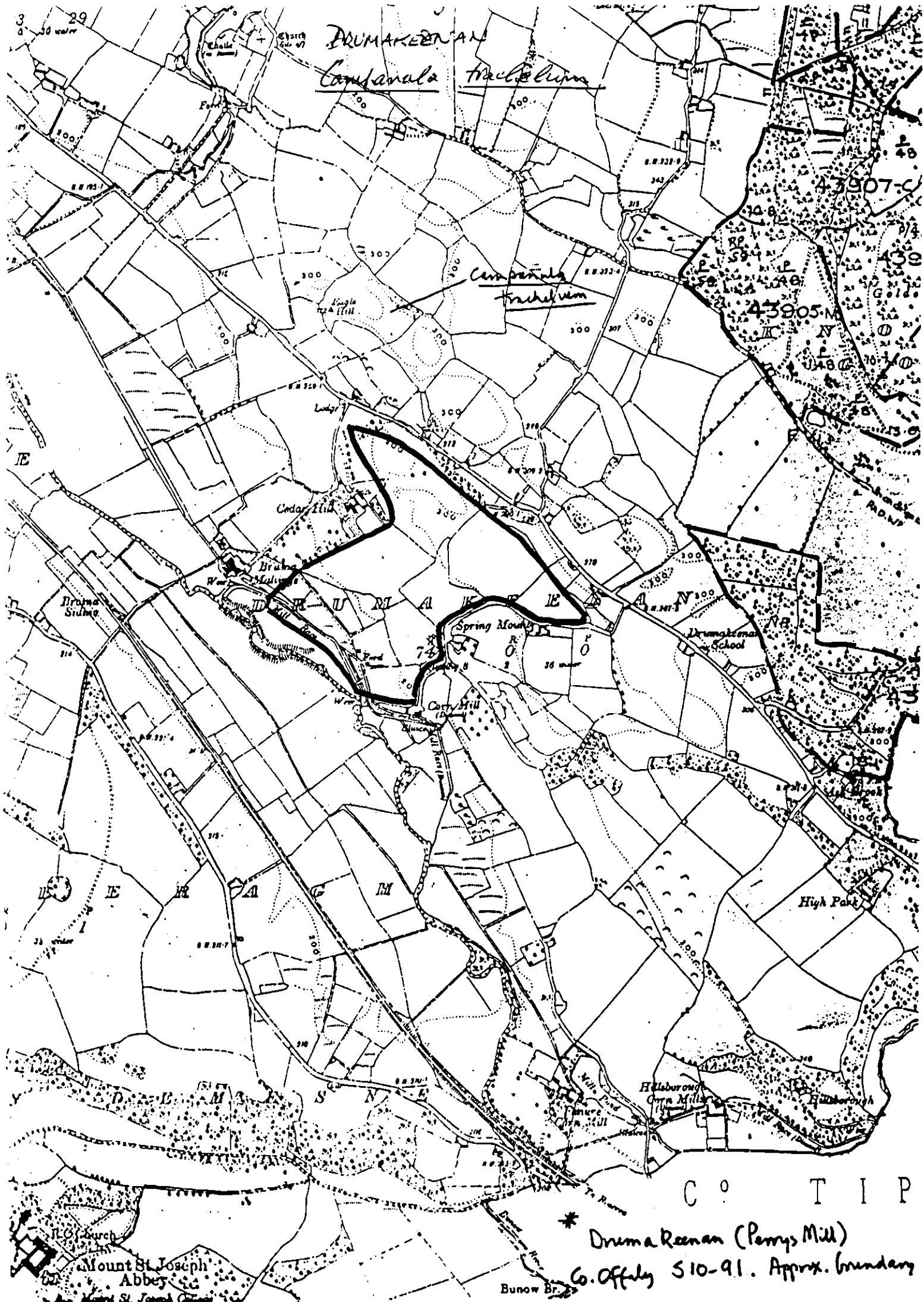
Wood

|                                                                                                                                                                   |           |                                            |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------|-----------------------|
| Species<br><i>Orchis morio</i>                                                                                                                                    |           | Vice-County Number<br>H18                  | Vice-County<br>Offaly |
| Locality<br>Derryvilla, Edenderry                                                                                                                                 |           | Land Owner/Occupier                        |                       |
| Grid Ref<br>N64-29-                                                                                                                                               | Area (Ha) | Date<br>28/5/91                            | Recorder<br>J. Moore  |
| Sketch Map of Site Showing Location of Species                                                                                                                    |           |                                            | Indicate North<br>↓   |
| <p><i>Orchis morio</i><br/>Derryvilla N<br/>28.05.91</p> <p>4 + 14 spikes</p>  |           |                                            |                       |
| Size of Population<br>18 flowering spikes                                                                                                                         |           |                                            |                       |
| Locality Map (1:25,000 if possible)                                                                                                                               |           | Associated Species                         |                       |
|                                                                                |           |                                            |                       |
| Other Data                                                                                                                                                        |           | Threats and Proposed Conservation Measures |                       |



To Ruthven

|                                                                                                                                                                     |           |                                                                                                                                                                       |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Species<br><i>Campanula trachelium</i>                                                                                                                              |           | Vice-County Number<br>H18                                                                                                                                             | Vice-County<br>Offaly                |
| Locality<br>Eagle Hill, Drama Keenan, Roscrea                                                                                                                       |           | Land Owner/Occupier<br>George Curry, Brossna, Binn                                                                                                                    |                                      |
| Grid Ref<br>S10-92-                                                                                                                                                 | Area (Ha) | Date<br>7/8/91                                                                                                                                                        | Recorder<br>R. FitzGerald, J. Greene |
| <p>Sketch Map of Site Showing Location of Populations</p> <p>Indicate North</p> <p>Binn ← Main Road → Roscrea</p>                                                   |           |                                                                                                                                                                       |                                      |
| <p>Size of Population</p> <p>&gt; 150 on N slope of disturbed ssker ridge. Turf has been stripped off much of this ridge, creating calcareous 'rindard' habitat</p> |           |                                                                                                                                                                       |                                      |
|                                                                                                                                                                     |           | <p>Associated Species</p> <p>See over</p>                                                                                                                             |                                      |
| <p>Other Data</p> <p>Found here by J. Greene (Ranger)</p> <p>July 1991</p>                                                                                          |           | <p>Threats and Proposed Conservation Measures</p> <p>Owner wishes to flatten this ridge, but has not yet got planning permission.</p> <p>Ranger to keep in touch.</p> |                                      |



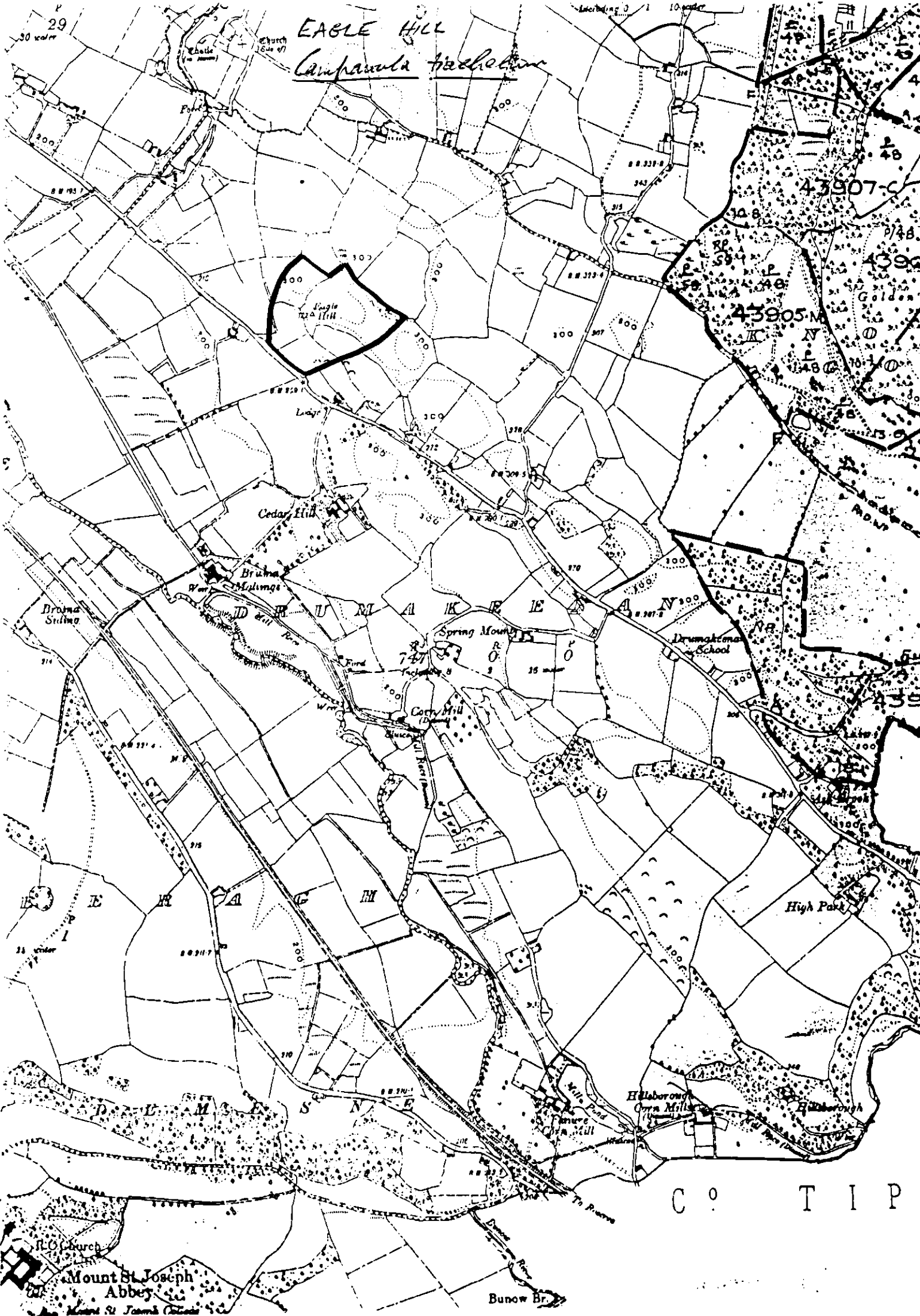
DUMAKEENAN  
Carrigrohane

Carrigrohane  
Trillick

C O T I P

Drumakeenan (Perry's Mill)  
Co. Offaly S10-91. Approx. boundary

Bunow Br.



EAGLE HILL  
*Campanula hutchinsonii*

C O T I P

|                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Species<br><i>Orchis morio</i> [See also<br><i>Erigeron acer</i> ]                                                                                        |           | Vice-County Number<br>418                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Vice-County<br>Offaly                |
| Locality<br>Esker Haymeadow                                                                                                                               |           | Land Owner/Occupier                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |
| Grid Ref<br>N 54-27-                                                                                                                                      | Area (Ha) | Date<br>17/6/91                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Recorder<br>R. Fitz Gerald. J. Moore |
| Sketch Map of Site Showing Location of Species                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Indicate North<br>↑                  |
| <p style="text-align: center;"><i>ORCHIS MORIO</i><br/>Esker N<br/>22.05.91.</p> <p style="text-align: center;">Dangan ←                  → Edenderry</p> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |
| Size of Population<br>7 flowering spikes 22/5/91 in small areas of shorter vegetation in old hay meadow (Thinner soil here?)                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |
| Locality Map (1:25,000 if possible)                                                                                                                       |           | Associated Species not included in relief                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |
|                                                                                                                                                           |           | <ul style="list-style-type: none"> <li><i>Brija media</i></li> <li><i>Filipendula ulmaria</i></li> <li><i>Galium verum</i></li> <li><i>Habitus frison pubescens</i></li> <li><i>Medicago lupulina</i></li> <li><i>Polygala vulgaris</i></li> <li><i>Prunella vulgaris</i></li> <li><i>Linum catharticum</i></li> <li><i>Silene vulgaris</i></li> </ul> <div style="float: right; margin-top: -100px; width: 150px;">For main hay meadow species see relief sheet below.</div> |                                      |
| Other Data<br>Found here by J. Moore (Ranger) 22/5/91                                                                                                     |           | Threats and Proposed Conservation Measures<br>Add to Eskers near Esker Bridge ASI?                                                                                                                                                                                                                                                                                                                                                                                            |                                      |

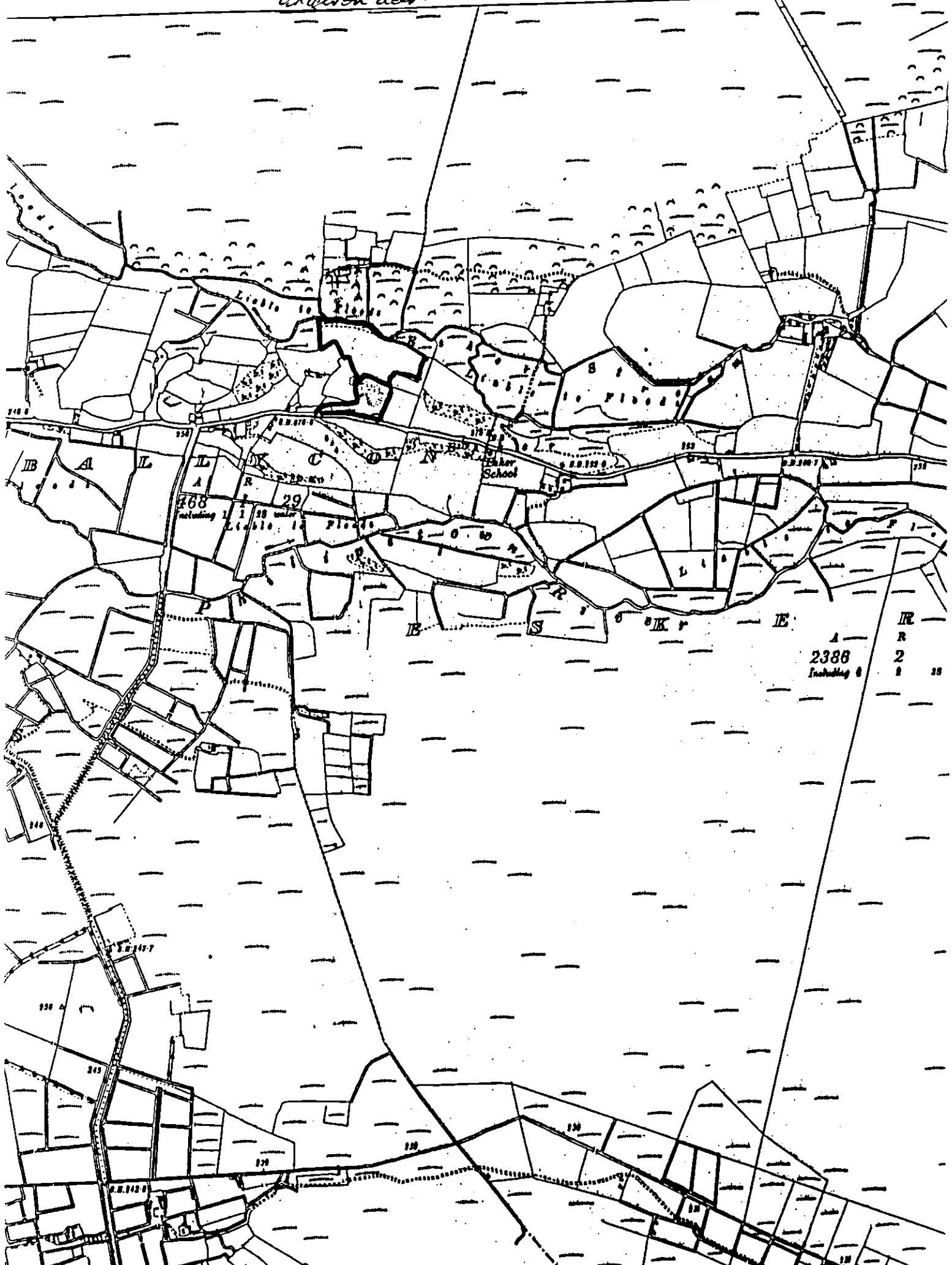


# ESSEX HAYMEADOW

(Extension to 25000 bridge 1751)

NEWTOWN T<sup>o</sup> Orchard meadow  
Angerion deer

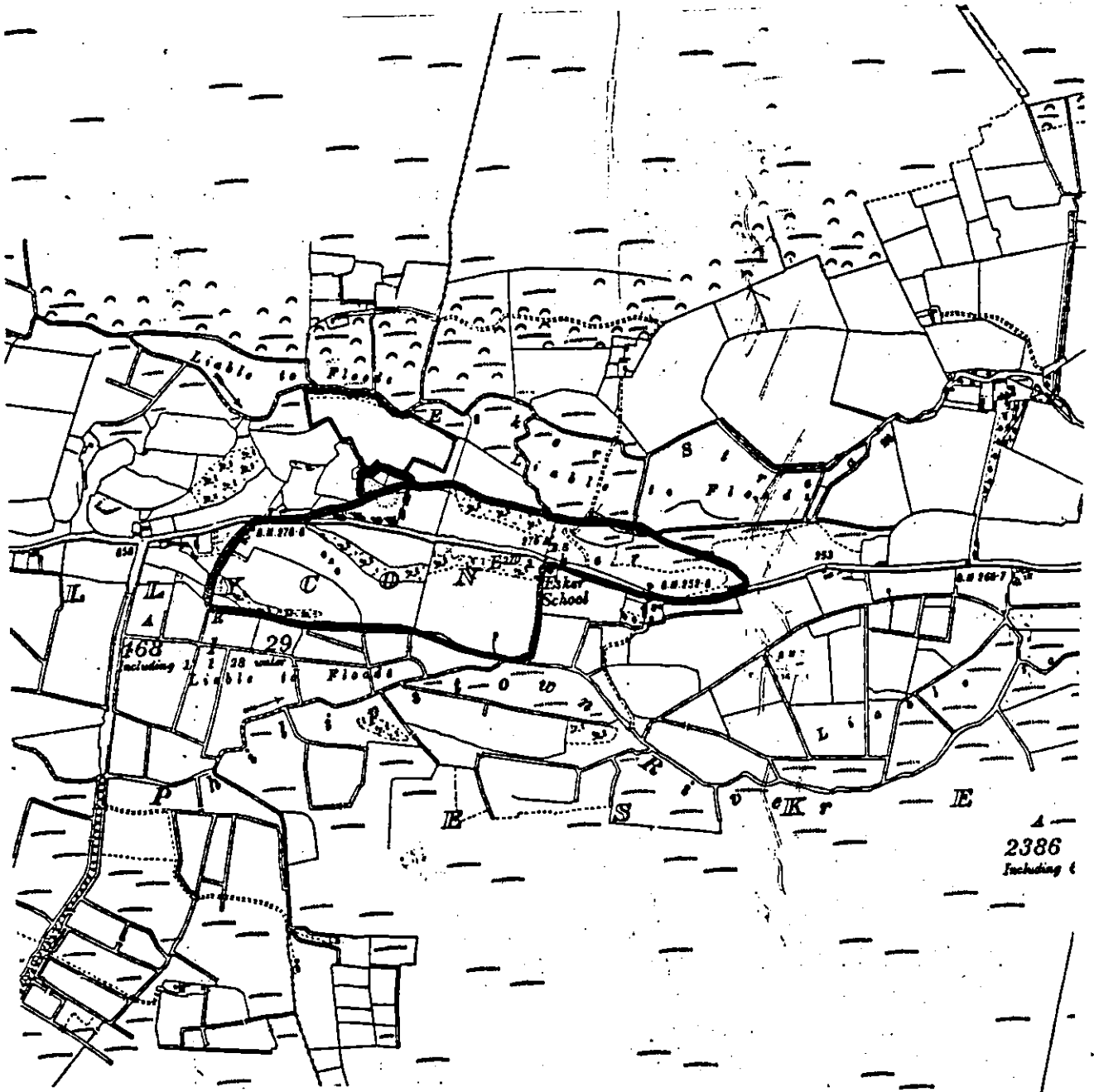
ED



MAP SHOWING AREA OF SCIENTIFIC INTEREST — 34

ESKER BRIDGE ASI

Scale: 6 Inches to 1 Mile



Proposed extension 1991

|                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Species<br><i>Orchis morio</i>                                                                                                                    |           | Vice-County Number<br>H18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vice-County<br>Offaly                |
| Locality<br>Kilcormac                                                                                                                             |           | Land Owner/Occupier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
| Grid Ref<br>N15-14-                                                                                                                               | Area (Ha) | Date<br>18/6/91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Recorder<br>R. FitzGerald, M. Feehan |
| Sketch Map of Site Showing Location of Species                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Indicate North                       |
|                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |
| Size of Population<br>c. 6 flowering spikes seen in May, in remnant of semi-improved grassland. Low bank and rest of field reseeded or fertilized |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |
| Locality Map (1:25,000 if possible)                                                                                                               |           | Associated Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |
|                                                                                                                                                   |           | <i>Leontodon hispidus</i><br><i>Leucanthemum vulgare</i><br><i>Lactuca corniculatus</i><br><i>Primula veris</i><br><i>Ranunculus bulbosus</i><br><i>Trifolium pratense</i><br><i>Trisetum flavescens</i><br><i>Achillea millefolium</i><br><i>Anthoxanthum odoratum</i><br><i>Bellis perennis</i><br><i>Bladostoma perfoliatum</i><br><i>Brija media</i><br><i>Cerastium fontanum</i><br><i>Centaurea nigra</i><br><i>Cynosurus cristatus</i><br><i>Dactylis glomerata</i><br><i>Festuca rubra</i><br><i>Holcus lanatus</i> |                                      |
| Other Data<br>Previous record in this area: Kilcormac, Praeger, 1900<br>Found here by M. Feehan (Ranger) May 1991                                 |           | Threats and Proposed Conservation Measures<br>Further agricultural improvement and fertilizer application.<br>Extension of Kilcormac to the AS1?                                                                                                                                                                                                                                                                                                                                                                            |                                      |

KILCORMAC  
*Cochis mono*

Kilcormac  
or  
Frankford

BALLYCOLLIN  
LOWEY

P 31  
R 0  
A 147  
Including 0  
37 water

K I L N A G A P  
419 2 22 194  
Including 1 8 33 water

DEMESENE

INCLOGHAN

B A L L I N C L O G H A N  
L I T T L E  
M O N C E N T R O E  
105  
P 24  
A 0

SCARRY  
P 33  
R 1  
A 62

P 235  
R 0  
A 235

P 2  
R 0  
A 2

SPRING GARDENS  
216  
P 18  
A 18

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

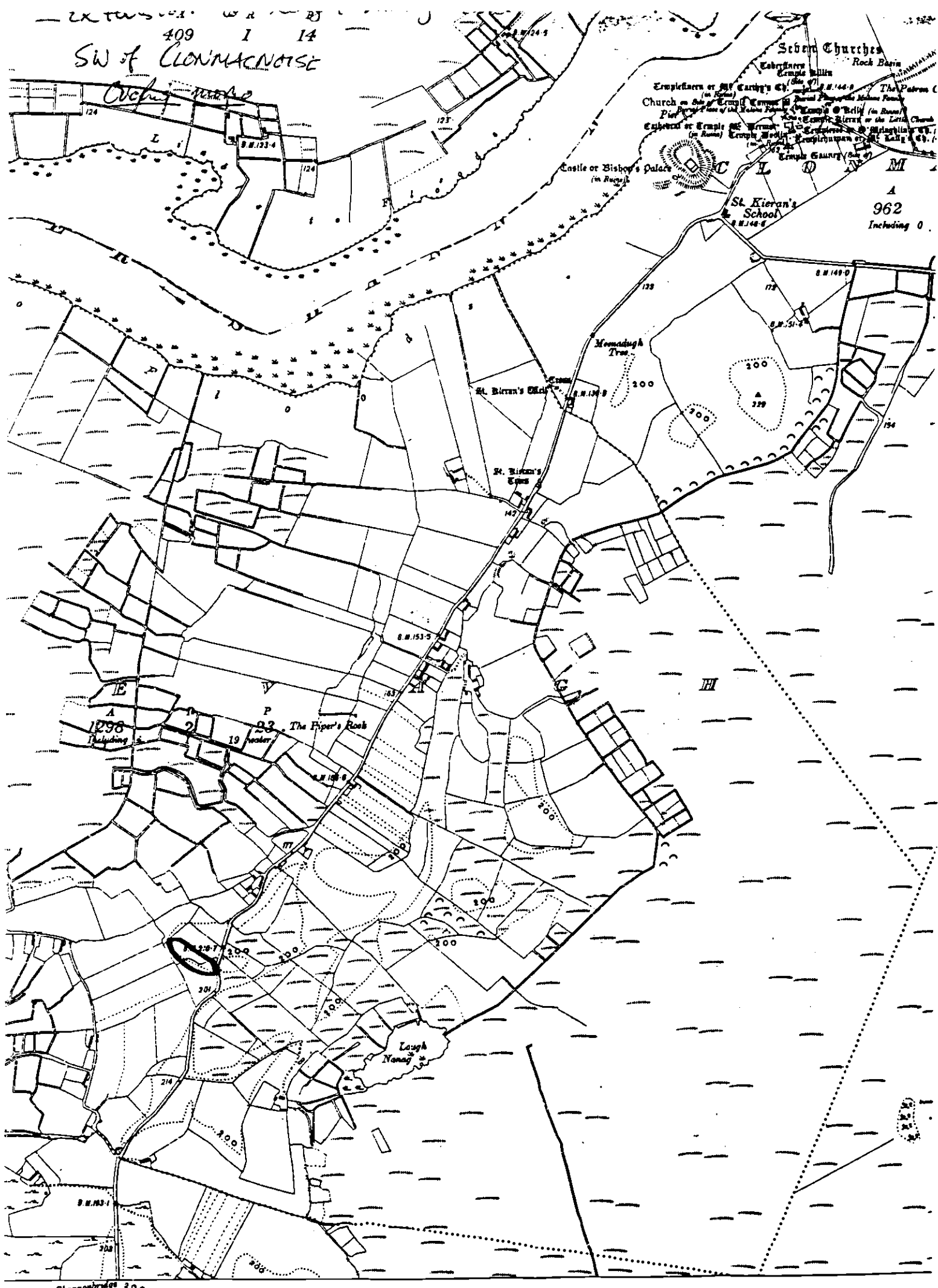
184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

184  
P 0  
R 0  
A 20

extension to rough diagram 28/9/91

|                                                                                         |           |                                                                                          |                                       |
|-----------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------|---------------------------------------|
| Species<br><i>Orchis morio</i>                                                          |           | Vice-County Number<br>H 18                                                               | Vice-County<br>Offaly                 |
| Locality<br>SW of Clonmacnoise                                                          |           | Land Owner/Occupier                                                                      |                                       |
| Grid Ref<br>M99-28-                                                                     | Area (Ha) | Date<br>21/5/91                                                                          | Recorder<br>R. Fitz Gerald, M. Feehan |
| <p>Sketch Map of Site Showing Location of Species</p>                                   |           |                                                                                          |                                       |
| <p>Size of Population</p> <p>&gt; 50 flowering spikes on steep banks</p>                |           |                                                                                          |                                       |
| <p>Locality Map (1:25,000 if possible)</p>                                              |           | <p>Associated Species</p> <p><u>See</u><br/><u>relatives</u></p>                         |                                       |
| <p>Other Data</p> <p>Not previously recorded at this site,<br/>Though known in area</p> |           | <p>Threats and Proposed Conservation Measures</p> <p>Threat from fertilizer run-off?</p> |                                       |



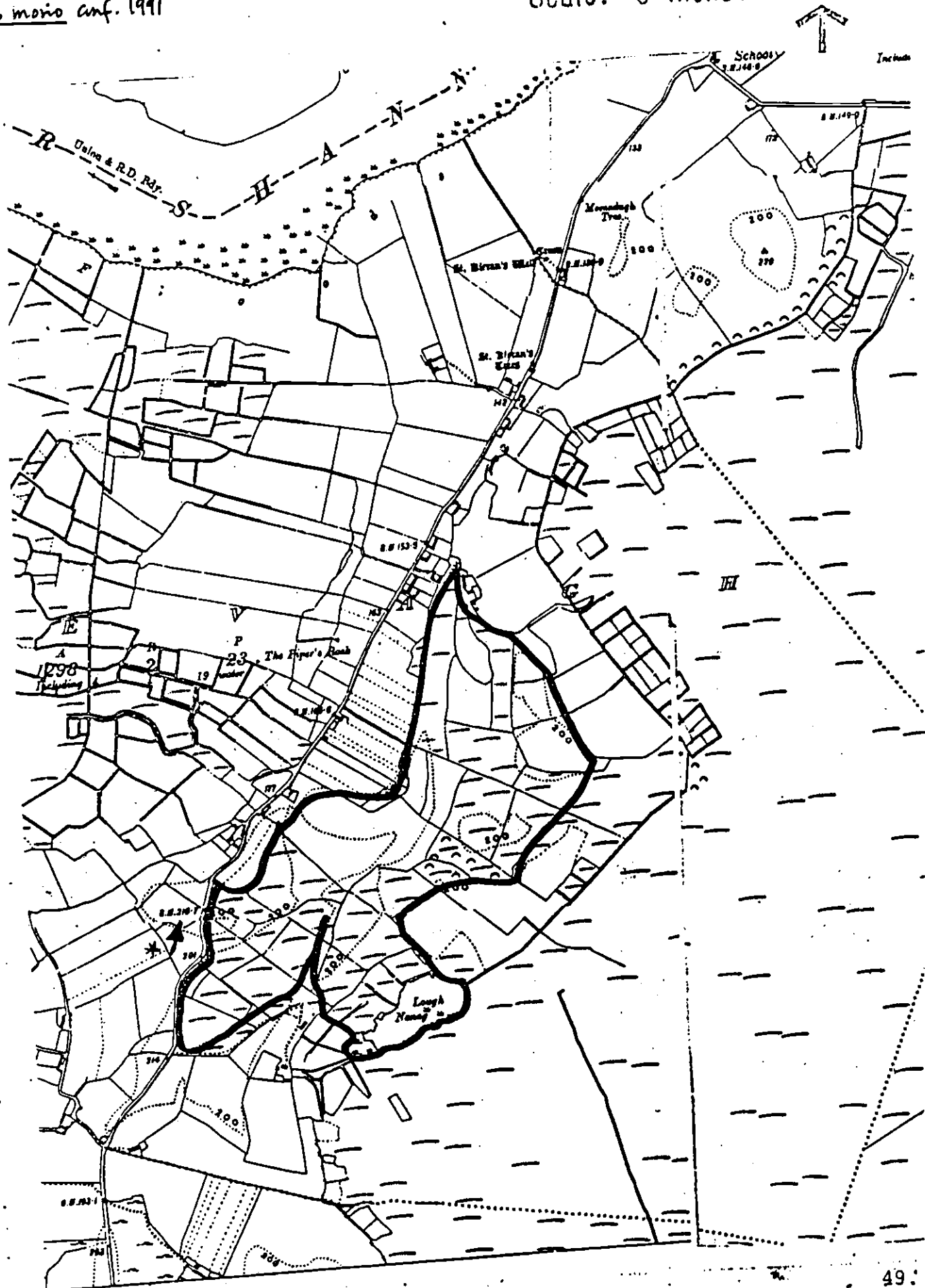
From Shannonbridge 200  
CLONMACNOISE T<sup>d</sup>

Scale.—Six Inches to One Statute Mile or 880 Feet to One Inch—

# MAP SHOWING AREA OF SCIENTIFIC INTEREST — 11

LOUGH NANAG ESKER ASI  
 \* Dublin moraine conf. 1991

Scale: 6 Inches to 1 Mile

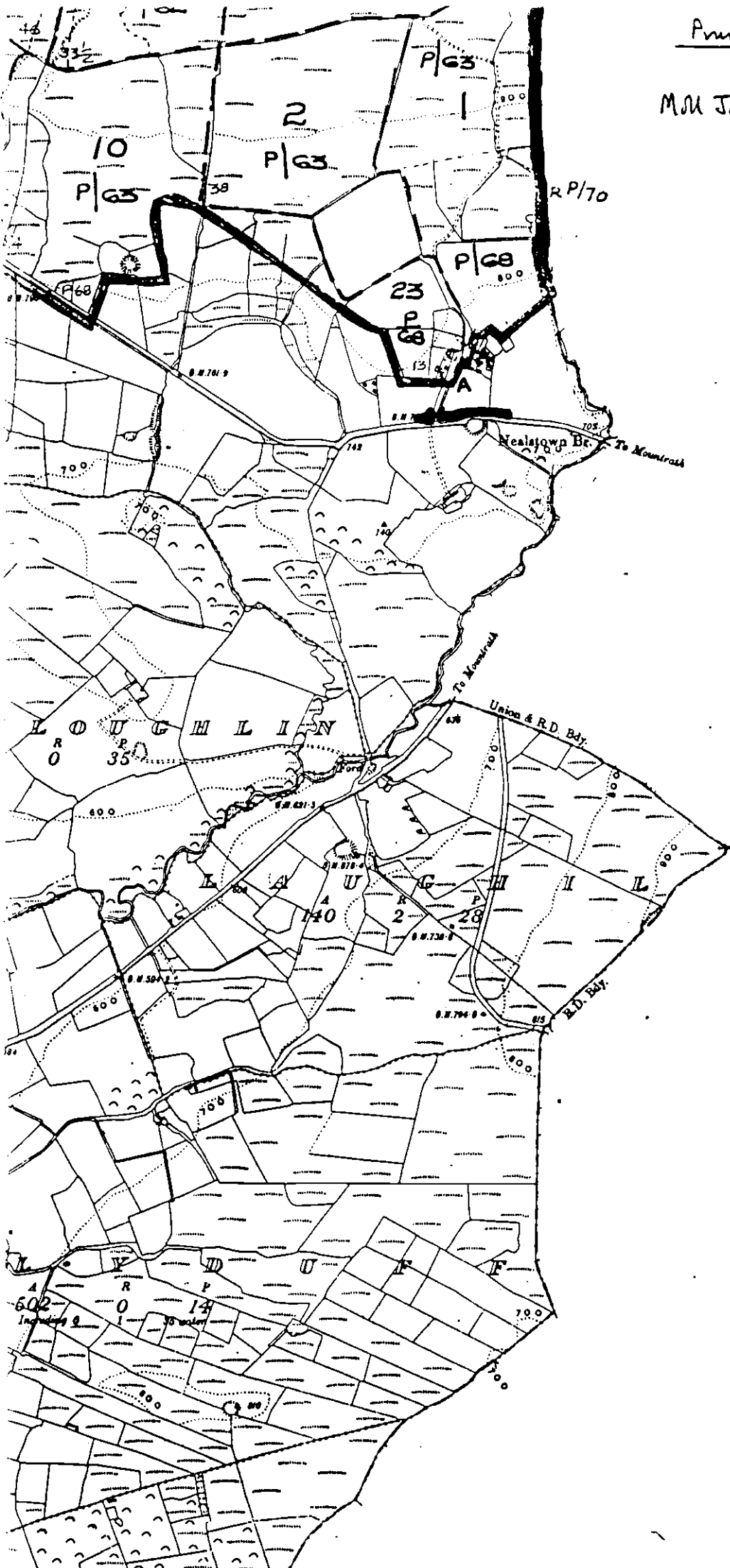


|                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                            |                            |
|-------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Species<br><i>Prunus padus</i>                                                                                    |           | Vice-County Number<br>H18                                                                                                                                                                                                                                                                                                                                                  | Vice-County<br>Offaly      |
| Locality<br>Moll Joy's Hill                                                                                       |           | Land Owner/Occupier                                                                                                                                                                                                                                                                                                                                                        |                            |
| Grid Ref<br>S19-94-                                                                                               | Area (Ha) | Date<br>14/6/91                                                                                                                                                                                                                                                                                                                                                            | Recorder<br>R. Fitz Gerald |
| <p>Sketch Map of Site Showing Location of Species</p>                                                             |           |                                                                                                                                                                                                                                                                                                                                                                            |                            |
| <p>Size of Population Several large trees by gate, and sucker growth for c 15m<br/>Ext along hedge N. of road</p> |           |                                                                                                                                                                                                                                                                                                                                                                            |                            |
|                                                                                                                   |           | <p>Associated Species</p> <p>By gate:</p> <ul style="list-style-type: none"> <li><i>Corylus avellana</i></li> <li><i>Fraxinus excelsior</i></li> <li><i>Syringa vulgaris</i></li> <li><i>Keylandia</i></li> </ul> <p>In hedge:</p> <ul style="list-style-type: none"> <li><i>Corylus avellana</i></li> <li><i>Salix aurita</i></li> <li><i>Syringa vulgaris</i></li> </ul> |                            |
| <p>Other Data</p> <p><i>Prunus</i> by recorded here: Scannell 1969</p>                                            |           | <p>Threats and Proposed Conservation Measures</p>                                                                                                                                                                                                                                                                                                                          |                            |



Prunus padus

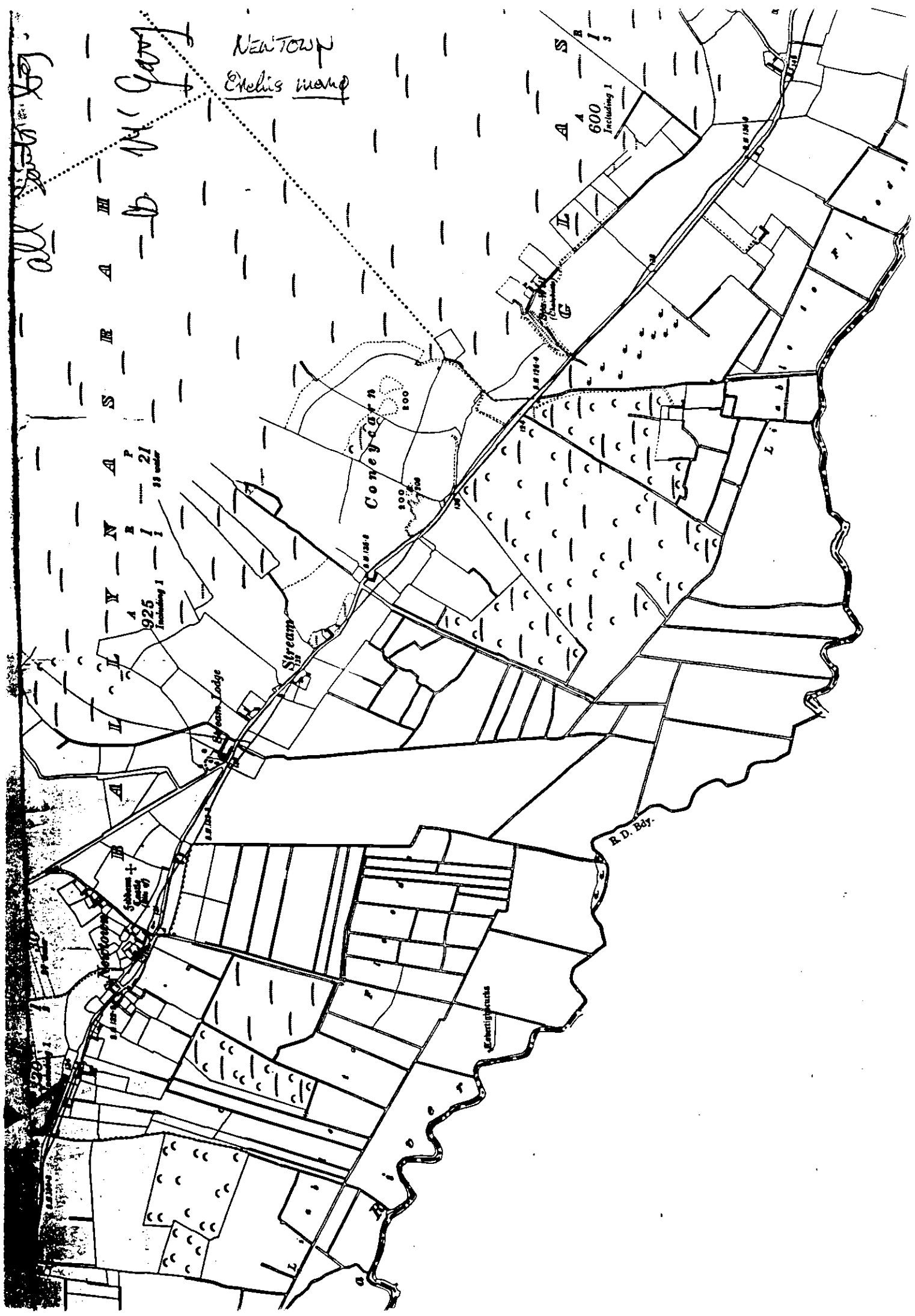
MJM Joy's Hill, Offaly SA-94-



|                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Species<br><i>Orchis morio</i>                                                                                                                                                                                                                                                                                                                    |           | Vice-County Number<br>H18                                                                                                                                                                                                                                                                                                                                                                                               | Vice-County<br>Offaly                |
| Locality<br>Newtown                                                                                                                                                                                                                                                                                                                               |           | Land Owner/Occupier                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |
| Grid Ref<br>M98-11-                                                                                                                                                                                                                                                                                                                               | Area (Ha) | Date<br>18/6/91                                                                                                                                                                                                                                                                                                                                                                                                         | Recorder<br>R. FitzGerald. M. Feehan |
| Sketch Map of Site Showing Location of Species                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                         | Indicate North<br>↑                  |
|                                                                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
| Size of Population<br><div> <div></div> <div>&gt; 30 flowering spikes</div> </div>                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
| Locality Map (1:25,000 if possible)                                                                                                                                                                                                                                                                                                               |           | Associated Species<br><i>Anthoxanthum odoratum</i><br><i>Achillea millefolium</i><br><i>Brija media</i><br><i>Blackstonia perfoliata</i><br><i>Carex flacca</i><br><i>C. coryphylla</i><br><i>Cynosurus cristatus</i><br><i>Centaurea erythraea</i><br><i>Centaurea nigra</i><br><i>Centaurea fruticulosa</i><br><i>Oxalis corniculata</i><br><i>Danthonia decumbens</i><br><i>Festuca ovina</i><br><i>Galium verum</i> |                                      |
| Other Data<br>Found here by M. Feehan, (Ranger) May 1991                                                                                                                                                                                                                                                                                          |           | Threats and Proposed Conservation Measures<br>Improvement. Gravel extraction                                                                                                                                                                                                                                                                                                                                            |                                      |
| <i>Bellis perennis</i><br><i>Koeleria macrantha</i><br><i>Lotus corniculatus</i><br><i>Luzula campestris</i><br><i>Leucanthemum vulgare</i><br><i>Phytolacca vulgaris</i><br><i>Pteris aquilina</i><br><i>Prenanthes vulgaris</i><br><i>Ranunculus bulbosus</i><br><i>Succisa pratensis</i><br><i>Trifolium pratense</i><br><i>Thymus praecox</i> |           |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |

all south of  
-B- M. Gary

NEWTOWN  
Evelis map

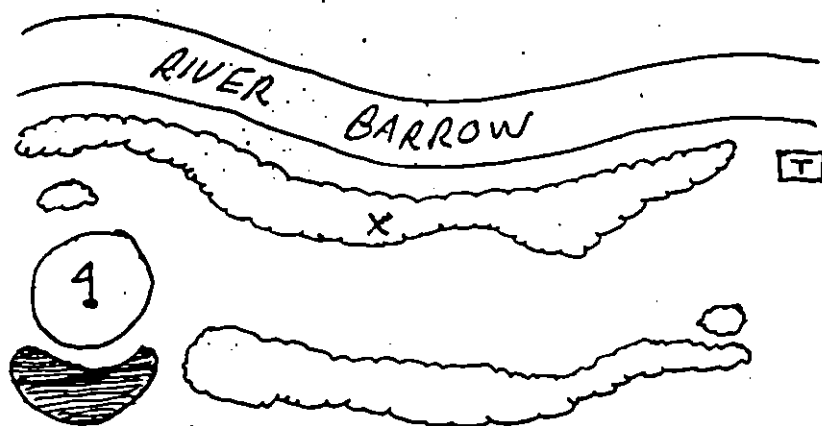


|                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                    |                           |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Species<br><i>Erigeron acer</i>                                                                                                      |           | Vice-County Number<br>H18                                                                                                                                                                                                                                                                                          | Vice-County<br>Offaly     |
| Locality<br>N52 West of Kilcormac                                                                                                    |           | Land Owner/Occupier<br>Council                                                                                                                                                                                                                                                                                     |                           |
| Grid Ref<br>N12-12-                                                                                                                  | Area (Ha) | Date<br>16/10/91                                                                                                                                                                                                                                                                                                   | Recorder<br>R. FitzGerald |
| Sketch Map of Site Showing Location of Species                                                                                       |           |                                                                                                                                                                                                                                                                                                                    | Indicate North            |
| <p>Also seen at Fincally Cross, 1 mile nearer Birr, on W side of road at N112115 (just NE of house with bird topping hedge)</p>      |           |                                                                                                                                                                                                                                                                                                                    |                           |
| Size of Population                                                                                                                   |           | > 1000 on open graded gravel banks (total % cover c. 50)                                                                                                                                                                                                                                                           |                           |
| Locality Map (1:25,000 if possible)                                                                                                  |           | Associated Species<br><i>Achillea millefolium</i><br><i>Bellis perennis</i><br><i>Blackstonia perfoliata</i><br><i>Antennaria nigra</i><br><i>Antennarium erythraea</i><br><i>Cerastium fontanum</i><br><i>Daucus carota</i><br><i>Festuca ovina</i><br><i>Hypericum perforatum</i><br><i>Leucanthemum vulgare</i> |                           |
|                                                                                                                                      |           | <i>Linum catharticum</i><br><i>Lotus corniculatus</i><br><i>Medicago lupulina</i><br><i>Plantago lanceolata</i><br><i>Trifolium pratense</i><br><i>Ulex europaeus</i>                                                                                                                                              |                           |
| Other Data                                                                                                                           |           | Threats and Proposed Conservation Measures                                                                                                                                                                                                                                                                         |                           |
| NA previously recorded here, but habitat very suitable and may be in more localities in area. Origin: from gravel pit with roadside? |           |                                                                                                                                                                                                                                                                                                                    |                           |

Campanula trachelium.

19.07.91 Portarlington golf course,  
Garryhinch. N.5010.

One single plant in a strip of  
woodland between the river  
Barrow and the newly made  
6th. fairway.



Record: Jim Moore, Ranger. 1991

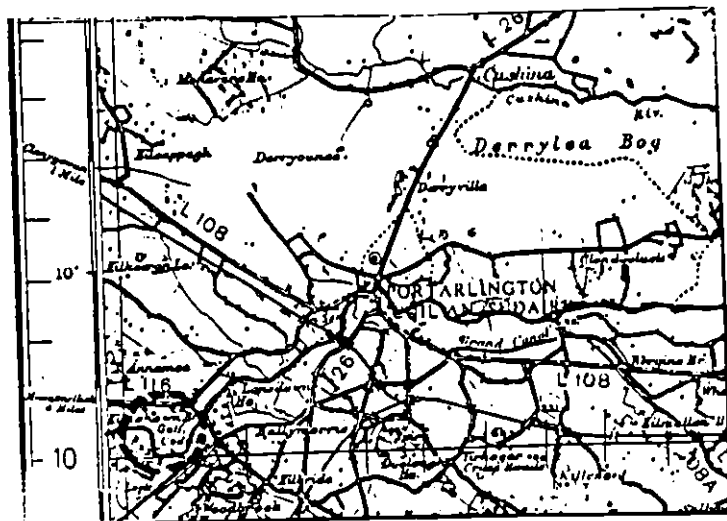
Previous records in NSI:

2 km above Portarlington Hart 1884

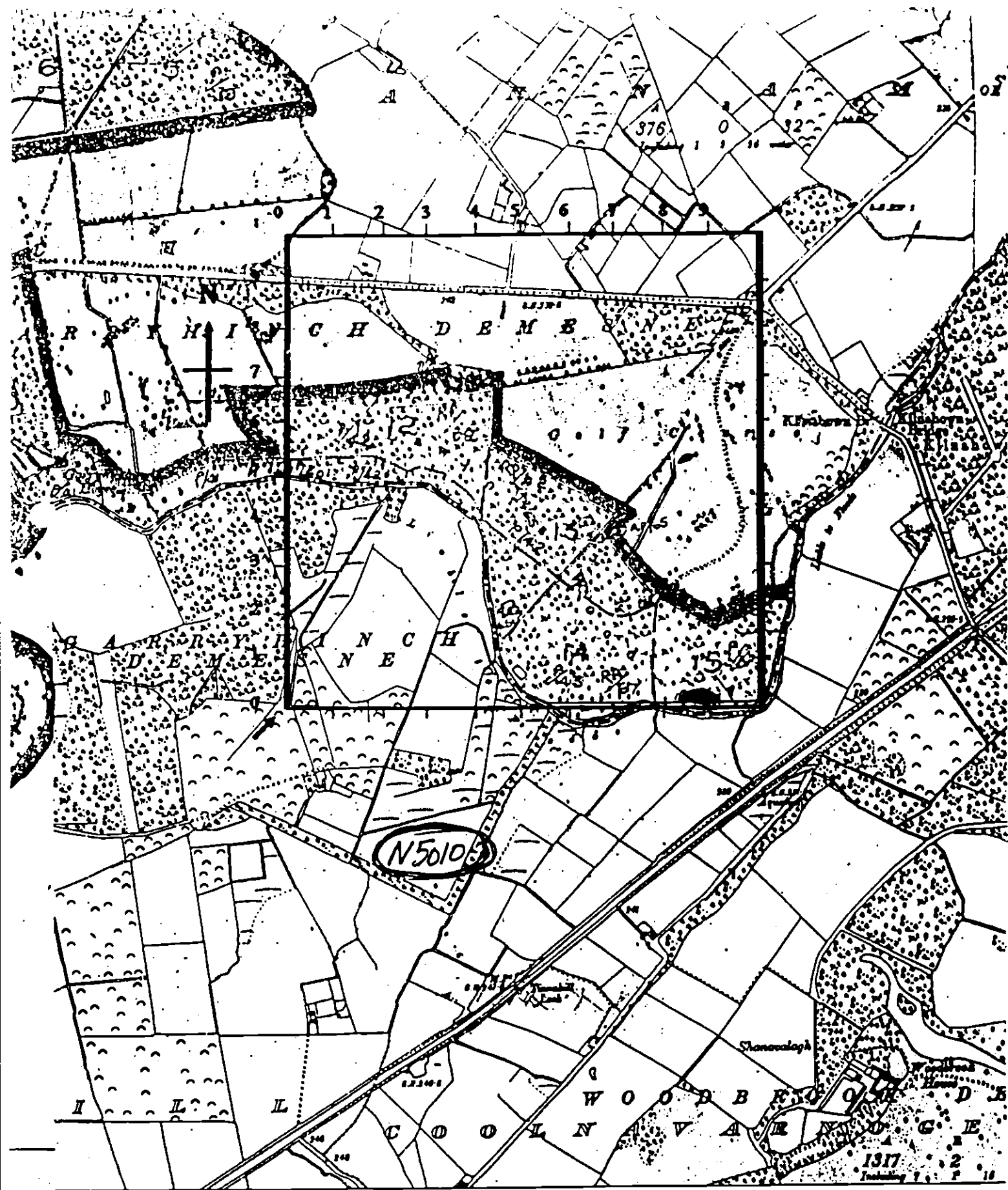
Barrow Bank House Hart 1884

3 km WSW of Portarlington

Prieger 1934



Approximate location



One.

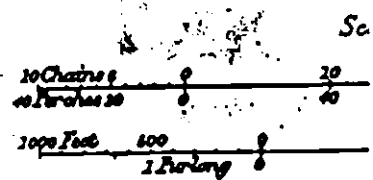
PORTNAHINCH BT

Phoenix Park, Dublin, 1910.

below a mark on the base of Poolbeg Lighthouse.  
marked thus (-52) to surface level.

Campanula  
trachelium

1991



Extension to Keshige Ridge RDB.

|                                                                    |           |                                            |                                                      |
|--------------------------------------------------------------------|-----------|--------------------------------------------|------------------------------------------------------|
| Species<br><i>Galeopsis angustifolia</i><br>+ <i>Erigeron acer</i> |           | Vice-County Number<br>418                  | Vice-County<br>Offaly                                |
| Locality<br>Murphys Bridge esker, Killeeghan Canal                 |           | Land Owner/Occupier<br>Waterways Authority |                                                      |
| Grid Ref<br>N37-30-                                                | Area (Ha) | Date<br>16/9/91                            | Recorder<br>R. Fitzgibbon, J. Moore, DM & NF Stewart |

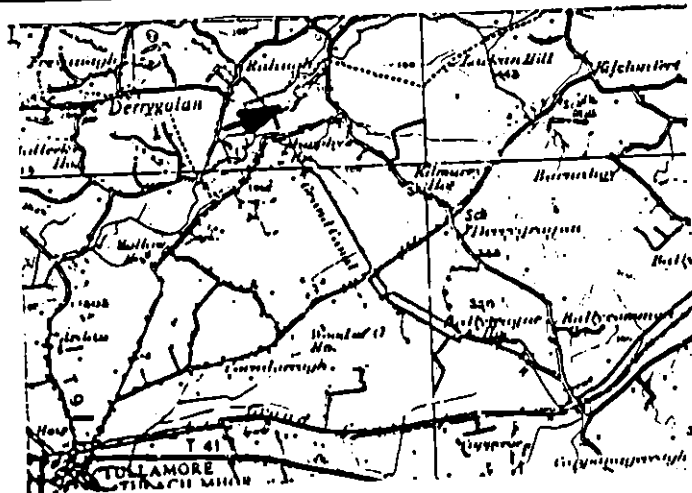
Sketch Map of Site Showing Location of Species

Indicate North

See attached

Size of Population

> 100 on unstable gravel slopes kept open by motor bikes



Associated Species

See over

RDB Erigeron acer is present

Other Data

Found here by J. Moore, Ranger,

13/9/91

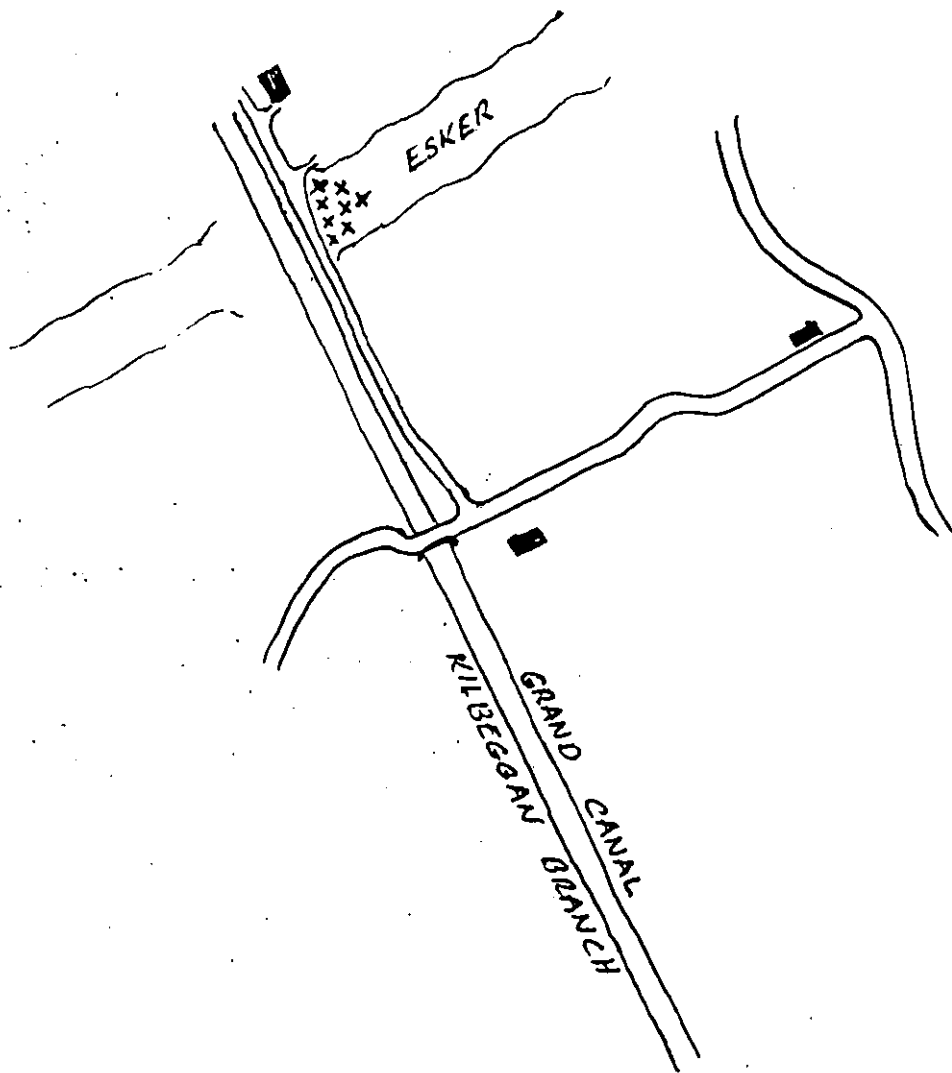
Threats and Proposed Conservation Measures

Canal is to be restored. Waterways Authority to be contacted re conservation of this important botanical site?

Extension to Nungua Ridge road

*Galeopsis angustifolia*. Engelm. var.

13.09.91., Murphy's bridge esker, N. 37 30.





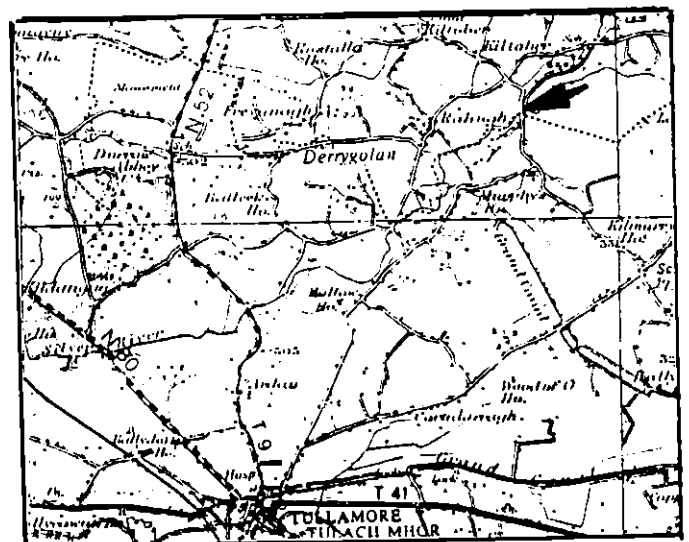
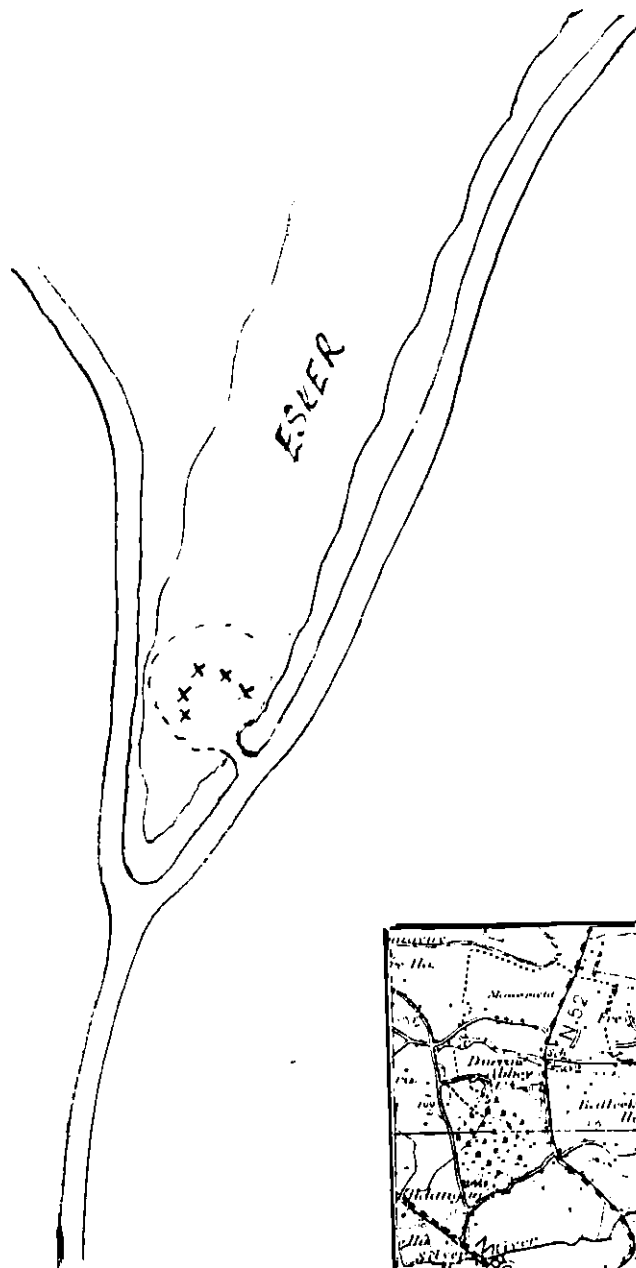
Extension to Kalinga Nagar ASI

*Galeopsis angustifolia.*

13.09.91. Rohugh Esker, N. 38 31.

Recd: Jim Moore, Ranger

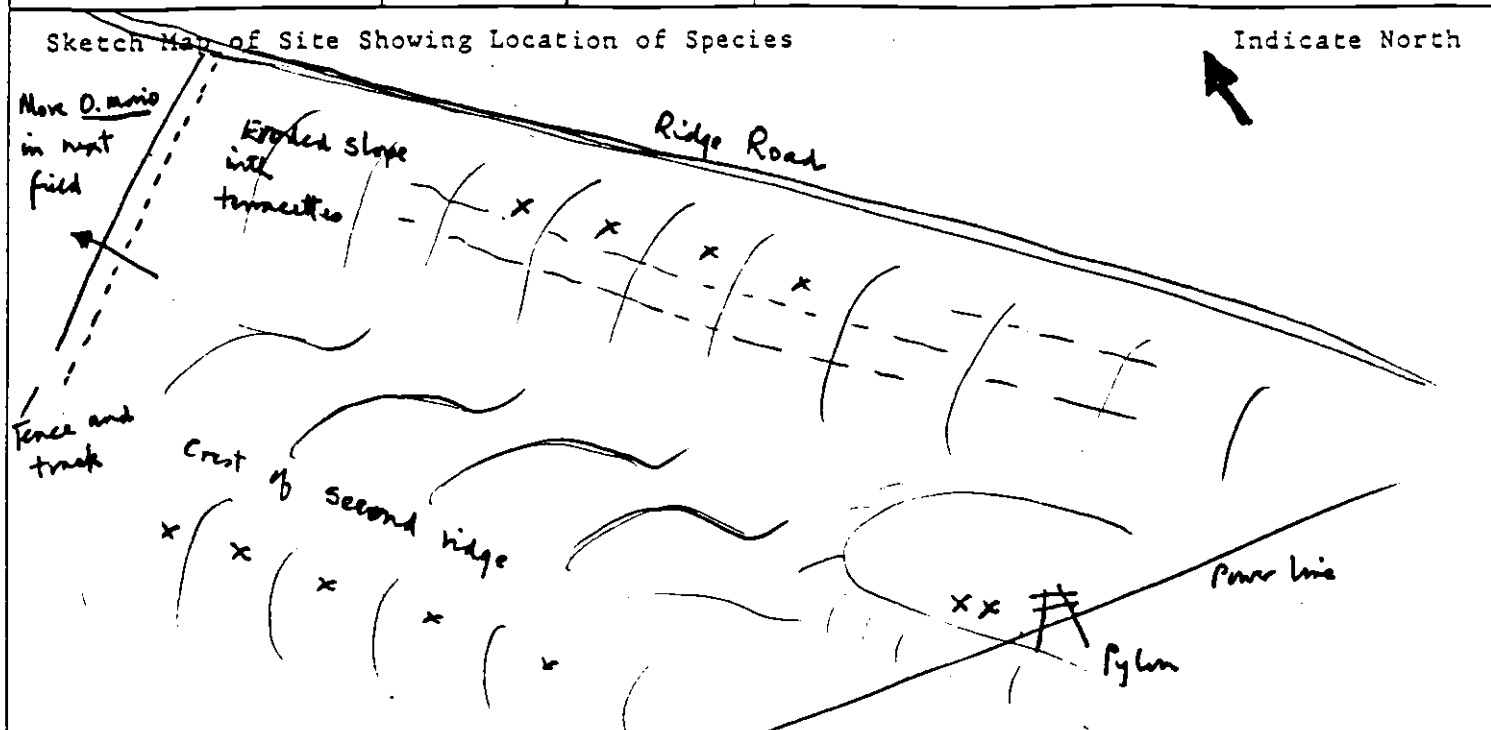
Site lies across county boundary, and is in both H18, Offaly and H23 Westmeath



[illegible]

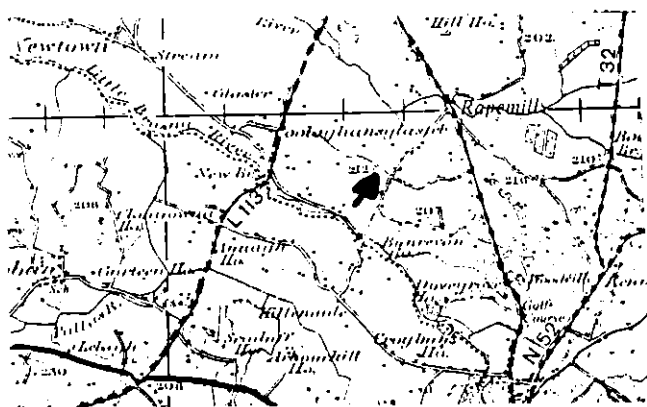
*Galeopsis angustifolia* 1991

|                                         |           |                           |                                      |
|-----------------------------------------|-----------|---------------------------|--------------------------------------|
| Species<br><i>Orchis morio</i>          |           | Vice-County Number<br>H18 | Vice-County<br>Offaly                |
| Locality<br>Ridge Road, SW of Rapemills |           | Land Owner/Occupier       |                                      |
| Grid Ref<br>N03-D9-                     | Area (Ha) | Date<br>18/6/91           | Recorder<br>R. FitzGerald, M. Feehan |



Size of Population > 600 flowering spikes on SW facing slopes of the ridge. Ground heavily grazed - steep slopes somewhat eroded.

Locality Map (1:25,000 if possible)



Associated Species

*Antennaria dioica*  
*Brya media*  
*Blackstonia perfoliata*  
*Carex flacca*  
*C. corymbosa*  
*Centaurea erythraea*  
*Danthonia decumbens*  
*Festuca ovina*  
*Galium verum*  
*Koeleria macrantha*  
*Linum catharticum*  
*Lupinus corniculatus*  
*Leucanthemum vulgare*

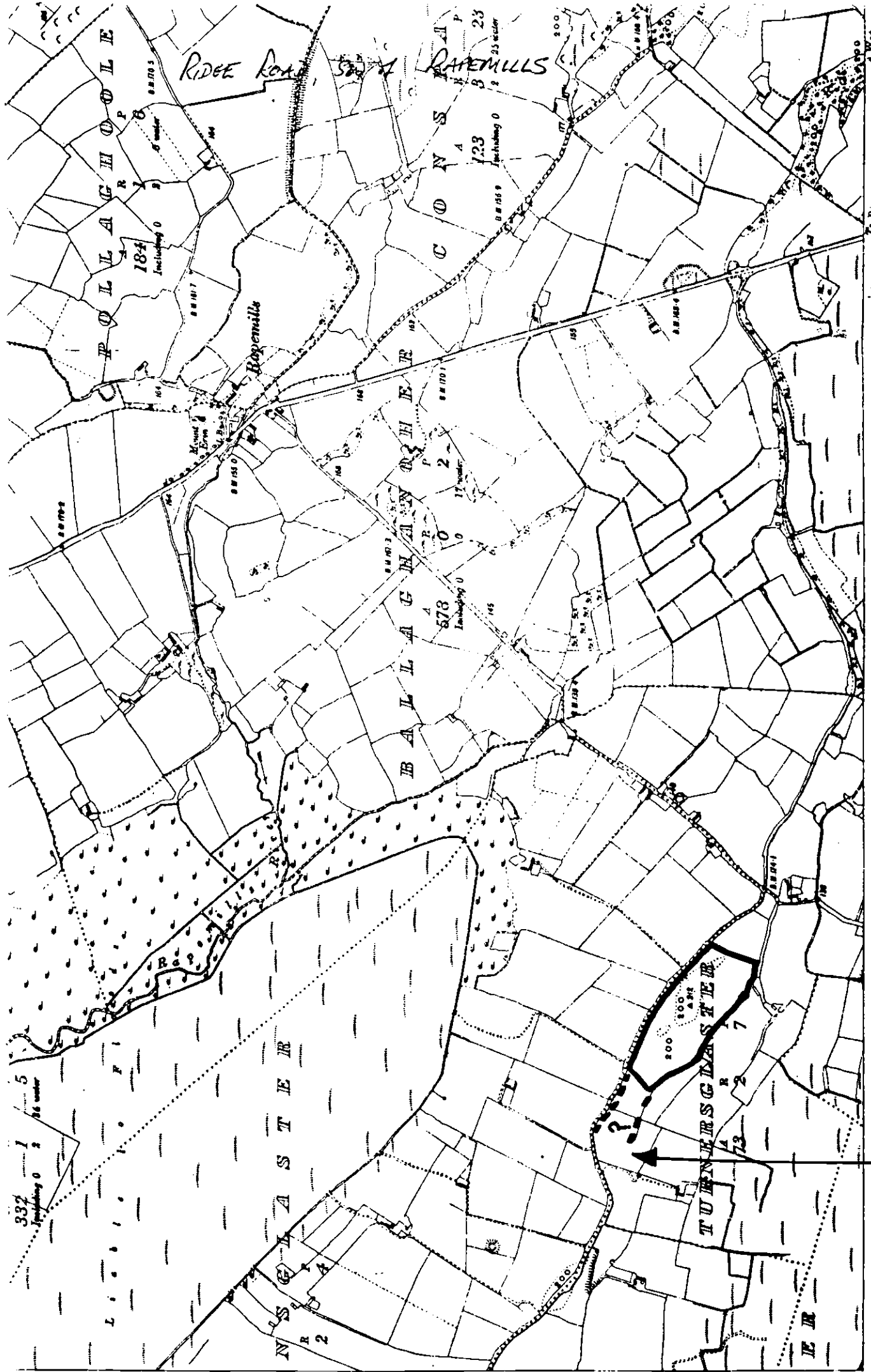
*Lemnolobus hispidus*  
*Luzula campestris*  
*Orchis mascula*  
*Pteris Sp.*  
*Plantago lanceolata*  
*Primula veris*  
*Pimpinella saxifraga*  
*Succisa pratensis*  
*Thymus praecox*

Other Data

Found here by M. Feehan (Ranger) May 1991

Threats and Proposed Conservation Measures

Add to Rapemills eskers ASI ?



ROSS T<sup>r</sup>

BUNREYAN T<sup>r</sup> CLONDALLOW T<sup>r</sup>  
 EGLISH B<sup>r</sup>

BUNREYAN T<sup>r</sup>

Surveyed in 1828. Revised in 1868.

Extent of O. morio in these fields

not yet mapped

CHARACTERISTICS AND SYMBOLS

Lowland

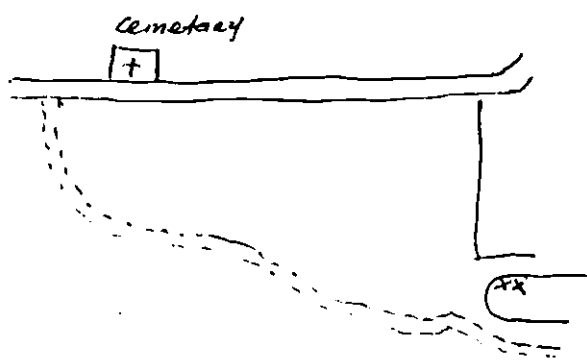
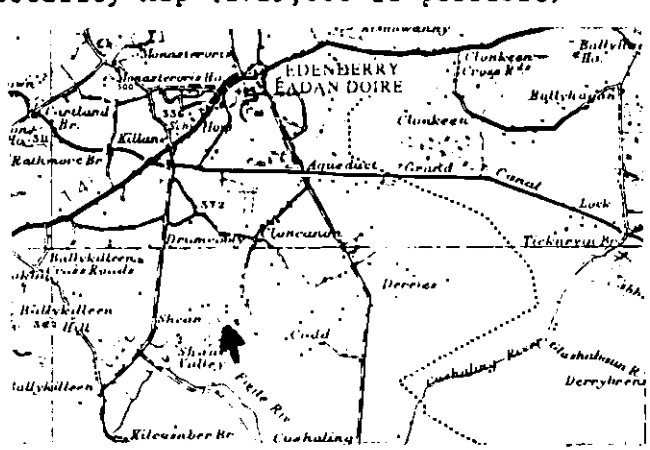
County

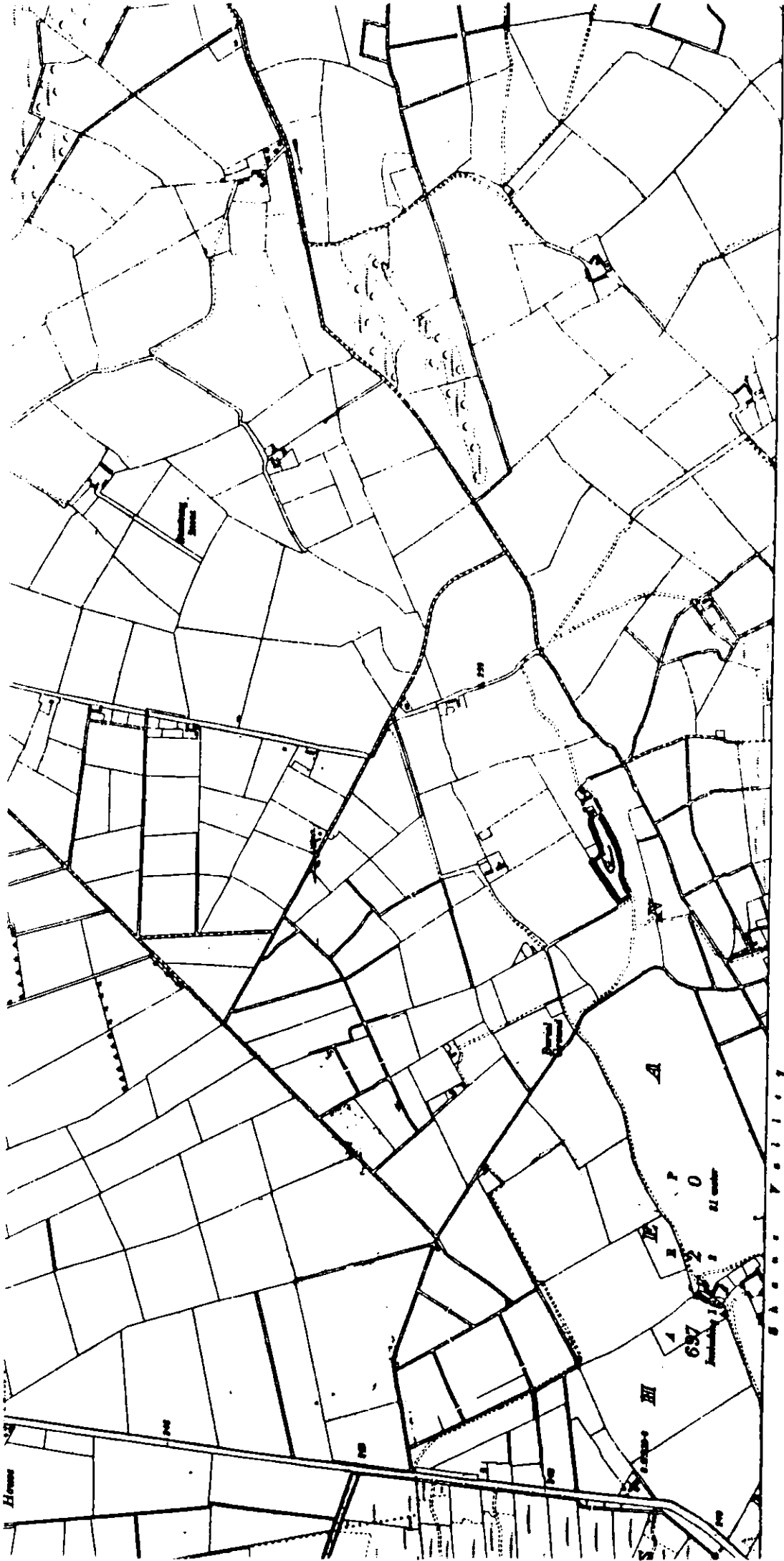
Triangulation Station

3.

1.

2.

|                                                                                                                                                                   |           |                                            |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------|-----------------------|
| Species<br><i>Orchis morio</i>                                                                                                                                    |           | Vice-County Number<br>418                  | Vice-County<br>Offaly |
| Locality<br>Shane, Edenderry                                                                                                                                      |           | Land Owner/Occupier                        |                       |
| Grid Ref<br>N62-28-                                                                                                                                               | Area (Ha) | Date<br>28/5/91                            | Recorder<br>J Moore   |
| Sketch Map of Site Showing Location of Species                                                                                                                    |           |                                            | Indicate North<br>↑   |
| <p><i>Orchis morio</i><br/>Shane (Mennick's)<br/>28.05.91</p> <p>2 spikes</p>  |           |                                            |                       |
| Size of Population<br>2 flowering spikes                                                                                                                          |           |                                            |                       |
| Locality Map (1:25,000 if possible)                                                                                                                               |           | Associated Species                         |                       |
|                                                                                 |           |                                            |                       |
| Other Data<br>Not previously recorded here.                                                                                                                       |           | Threats and Proposed Conservation Measures |                       |



CADD TP

70-11

CHARACTERISTICS AND SYMBOLS

|          |       |                                                 |   |   |
|----------|-------|-------------------------------------------------|---|---|
| County   | ----- | Trigonometrical Station                         | + | ▲ |
| District | ----- | Antiquarian (Side of)                           | + | ▲ |
| Parish   | ----- | For other information see Characteristics Sheet |   |   |

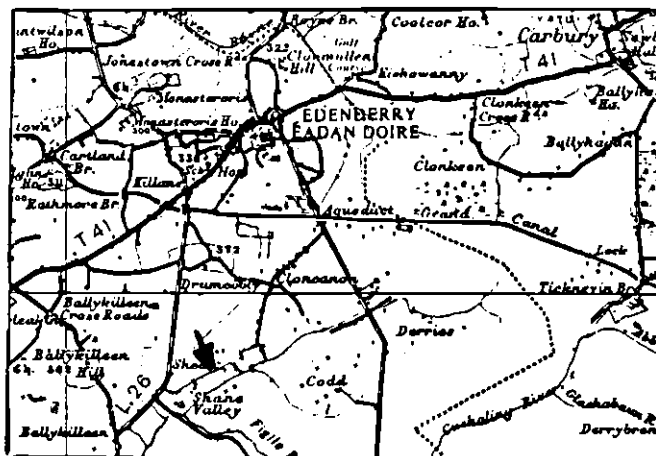
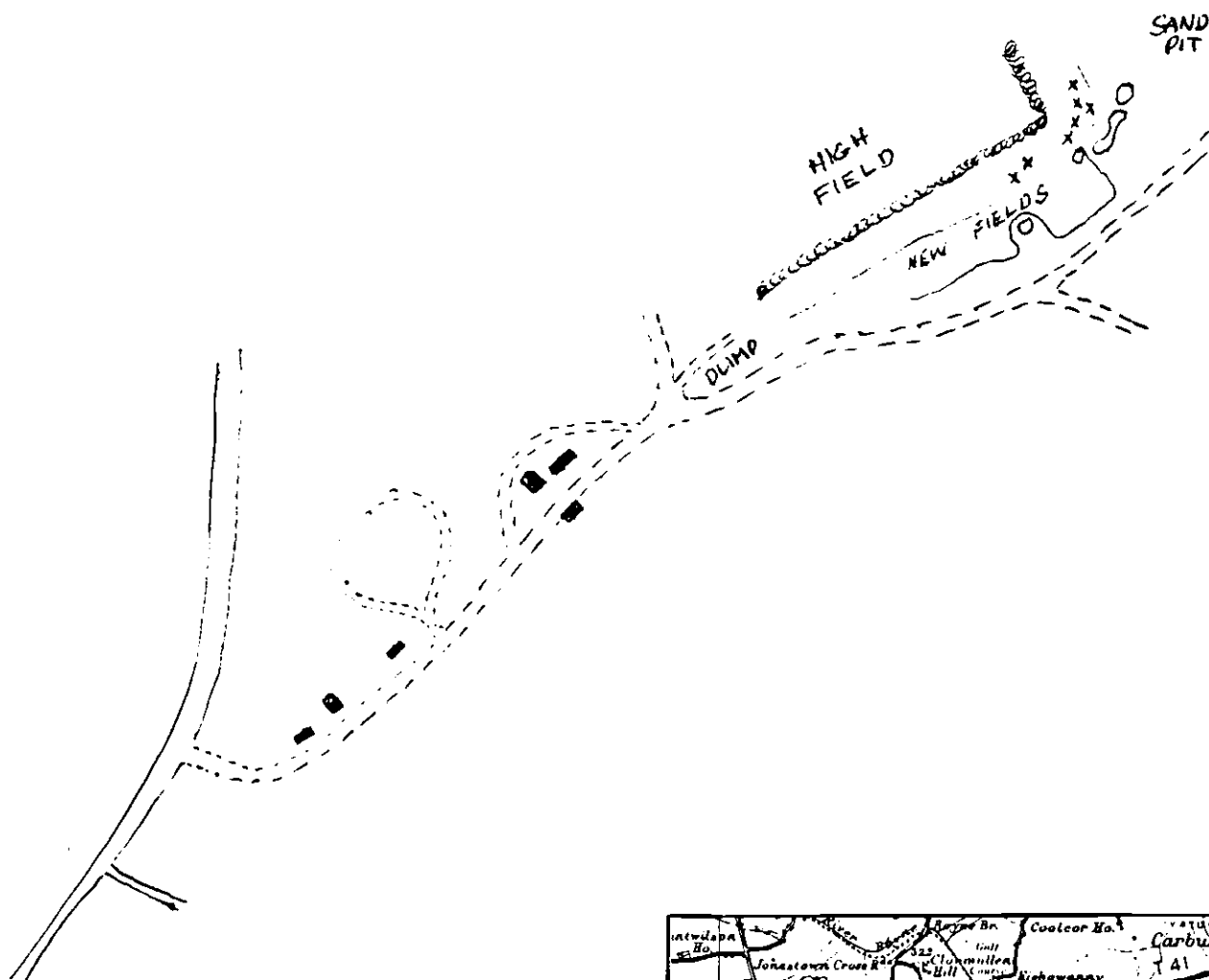
The Representation on this Map of a Road, Track, or Footpath, is no evidence of the existence of a right of way

*Orchis moris*  
Shore

*Gateopsis angustifolia.*

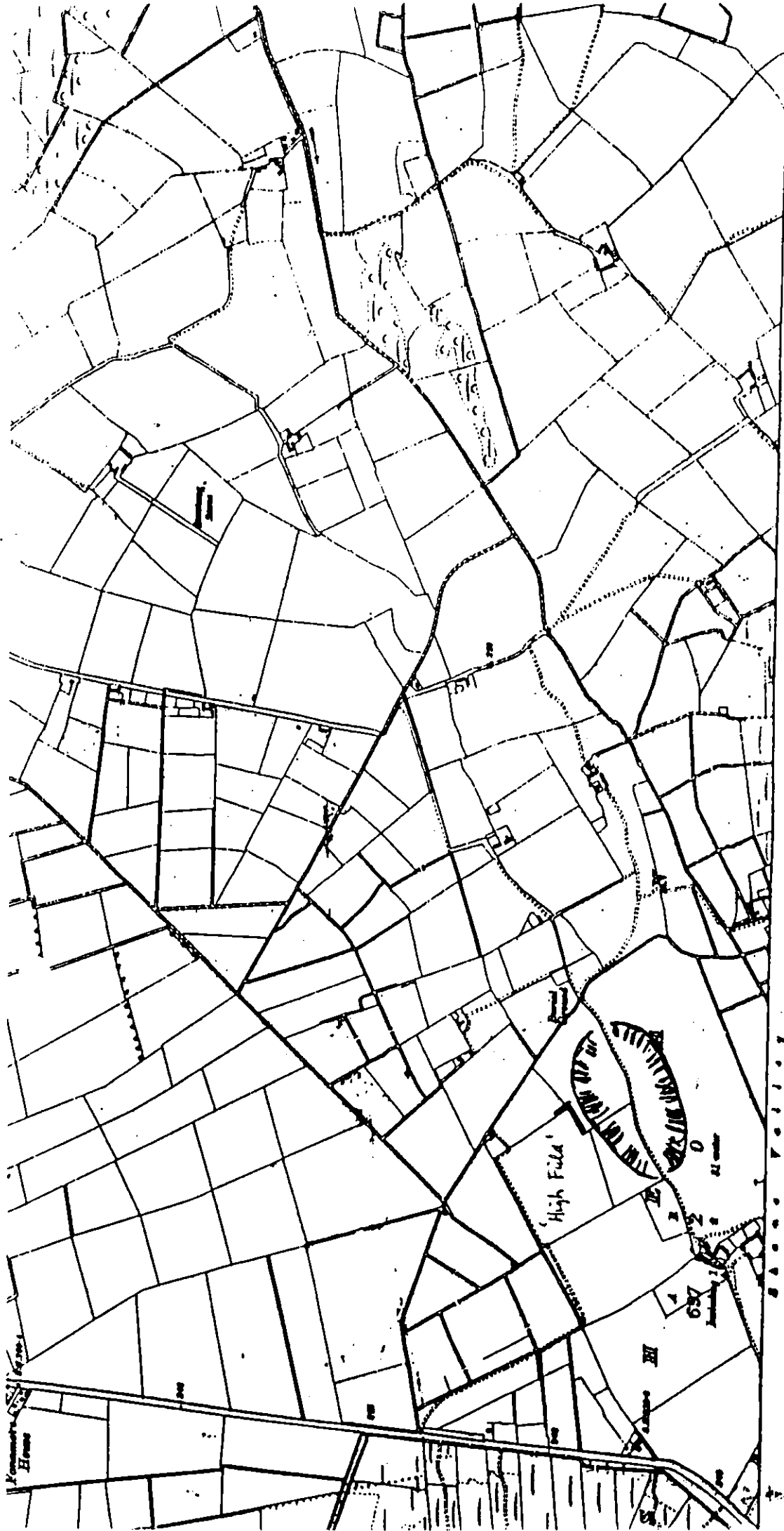
14.09.91.

Steridans Pit, Stone, Edenderry. N. 62 28.



Found by J. Moore, Ranger, on date above

418. Offaly



CODD T<sup>o</sup>

1910-11

CHARACTERISTICS AND SYMBOLS

|        |       |                |       |                                                 |       |      |       |
|--------|-------|----------------|-------|-------------------------------------------------|-------|------|-------|
| County | _____ | Townland       | _____ | Trigonometrical Station                         | _____ | Fort | _____ |
| Barony | _____ | Municipal Ward | _____ | Arbitration (Side of)                           | _____ | +    | _____ |
| Parish | _____ | Contours       | _____ | For other information see Characteristics Sheet |       |      |       |

The Representation on this Map of a Road, Track, or Footpath is no evidence of the existence of a right of way.

*Galeopsis angustifolia*

Approximate extent of

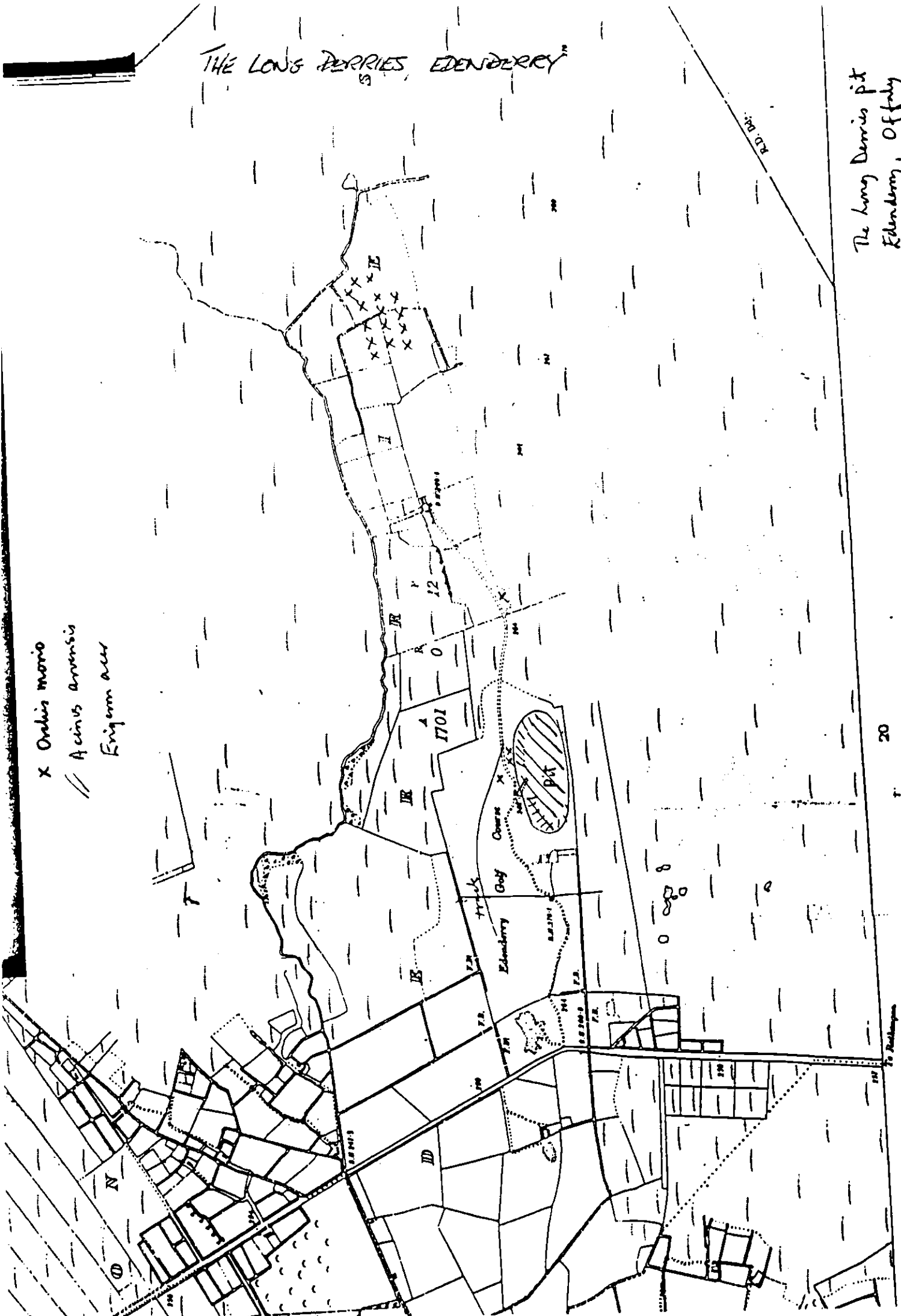
Shirley's Pit.



|                                                                                                                                                          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Species<br><i>Orchis morio</i><br><i>Cynodon dactylon</i> , <i>Clonostachys</i>                                                                          |               | Vice-County Number<br>H 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Vice-County<br>Offaly             |
| Locality<br>The Long Demis, Edenderry                                                                                                                    |               | Land Owner/Occupier<br>Barna Mona (pit)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                   |
| Grid Ref<br>N65-29-, N66-29-                                                                                                                             | Area (Ha)<br> | Date<br>22/5/91<br>17/6/91                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Recorder<br>R.Fitz Gerald J Moore |
| Sketch Map of Site Showing Location of Species                                                                                                           |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
| <p>Interface between eoker and bog<br/>Small calcareous runnels and<br/>miniature flushes in peat</p> <p style="text-align: right;">Indicate North ↑</p> |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
| Size of Population >350 flowering spikes, mostly at E end of eoker ridge, in open areas in <i>Crataegus</i> scrub                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
| Locality Map (1:25,000 if possible)                                                                                                                      |               | Associated Species not included in relevé                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                   |
|                                                                                                                                                          |               | <p><i>Carex echinata</i> At W end by pit:<br/> <i>C. nigra</i><br/> <i>Danthonia decumbens</i><br/> <i>Festuca rubra</i><br/> <i>Koeleria arvensis</i><br/> <i>Linum catharticum</i><br/> <i>Polygala serpyllifolia</i><br/> <i>Silene aconitifolia</i><br/> <i>Vaccinium myrtillus</i><br/> <i>Vernonia chamaedrys</i></p> <p><i>Cynosurus cristatus</i><br/> <i>Filipendula ulmaria</i><br/> <i>Habitotrichum pubescens</i><br/> <i>Senecio jacobaea</i><br/> <i>Vernicia officinalis</i></p> |                                   |
| Other Data<br>Found here by J Moore (Ranger) 17/5/91                                                                                                     |               | Threats and Proposed Conservation Measures<br>Encroaching Scrub. Essential That grazing is maintained.                                                                                                                                                                                                                                                                                                                                                                                          |                                   |

# THE LONG DERRIES, EDENDERRY

x *Orchis morio*  
 // *Acinus arvensis*  
 Enigum acer



The Long Derris pit  
 Edenderry, Offaly  
 N 65-29-

B. & T. Dublin 1912.



WILKESBOROUGH HOUSE, MR. KILCORMAC

*Circular notes*

L O U G H C O U R A

Castle  
(in Ruins)  
Castle  
(in Ruins)  
Castle  
(in Ruins)

Scraba Wood

Lough Bornea

Lough Wood

Wheelerborough Ho.

Cottage Grove

Coolage House

DOOROS-  
HEATH

A 50 R 3 P 20

Lowerheath Ho.

English School

School

R.C. Church

Parochial Ho.

Grave Yard

English College

Scornabornagh

BALLYCOLLIGN

MOUNTHENRY

257  
Including 1

35  
89 water

55