

INDEX

Areas of Scientific Interest in Co. Carlow, O.S. Sheets 19 & 23

(April 1992)

<u>Site No.</u>	<u>Name</u>	<u>Grid Ref.</u>	<u>Interest</u>	<u>Rating</u>	<u>Reference</u>
788	Ardristan Fen	S83 70	Ecological (B,Z)	R	AFF
789	Bagenalstown, east	S69 60	Ecological (B)	Not rated	WS
790	Bagenalstown, west	S69 60	Ecological (B)	Not rated	WS
791	Bagenalstown Esker	S72 62	Geomorphological Ecological (B)	R	AFF
792	Baggot's Wood	S93 82	Ecological (B)	R	AFF
793	Bahana & Drummond Wood	S72 40 S73 36	Ecological (B,Z)	R	AFF, WS
794	Ballyellin Quarries	S68 54	Ecological (B)	Not rated	WS
795	Ballyglisheen	S78 44	Ecological (B)	Not rated	WS
796	Ballymartin	S735544	Ecological (B)	Not rated	WS
797	Ballymoon	S73 61	Ecological (B)	Not rated	WS
798	Ballyteigelea Wood	S814517	Ecological	L	AFF
799	Borris Estate	S72 50	Ecological (B,Z)	R	AFF
800	Borris Golf Club	S73 49	Ecological (B)	Not rated	WS
801	Borris House	S726502	Ecological (B)	Not rated	WS
802	Carlow, N9	S73 77	Ecological (B)	Not rated	WS
803	Carrickduff & Coolaphuca	S91 57	Ecological (B,0,Z)	R	AFF
804	Carrig Beg Marsh	S747602	Ecological (O)	L	AFF
805	Clonmelsh Pit	S72 70	Ecological (B)	Not rated	WS
806	Cloughristick Wood	S70 67	Ecological (B,0,Z)	L	AFF
807	Huntington Sandpits	S90 60	Ecological (B)	Not rated	WS
808	John's Hill	S88 57	Ecological (B)	Not rated	WS
809	Kilcarry Wood	S89 61	Ecological (B,Z)	L	AFF
810	Oakpark	S74 80	Ecological (B,0)	L	AFF

<u>Site No.</u>	<u>Name</u>	<u>Grid Ref.</u>	<u>Interest</u>	<u>Rating</u>	<u>Reference</u>
811	Oldtown	S71 68	Ecological (B)	Not rated	WS
812	Pollmounty River Valley	S74 35	Ecological (B)	L	AFF
813	Powerstown	S70 68	Ecological (B)	Not rated	WS
814	Powerstown, north	S70 68	Ecological (B)	Not rated	WS
815	Slaney Valley, above Clonegall	S87 67	Ecological (B,Z)	L	AFF, WS
816	Slieve Bawn	S81 54	Ecological	N	AFF
817	Slygoff	S666598	Ecological (B)	Not rated	WS
818	St. Mullins Red Bog	S73 38	Ecological (B)	L	AFF
819	Tullow Ponds	S839721	Ecological (B,O)	L	AFF

B - Botanical

N - National

O - Ornithological

R - Regional

Z - Zoological

L - Local

AFF - An Foras Forbartha

WS - Wildlife Service

Areas of Scientific Interest in Co. Carlow

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

SHEET 19

<u>Site No.</u>	<u>Name</u>	<u>Grid Ref.</u>	<u>Comments</u>
789	Bagenalstown, east	S69 60	Additional site, with <u>Erigeron acer</u> .
790	Bagenalstown, west	S69 60	Additional site, with <u>Erigeron acer</u> .
793	Bahana & Drummond Wood	S72 40 S73 36	Bahana Wood extended northward to include site for <u>Trichomanes speciosum</u> .
794	Ballyellin Quarries	S68 54	Additional site, with <u>Erigeron acer</u> and <u>Carduus nutans</u> .
795	Ballyglisheen	S78 44	Additional site, with <u>Asplenium billotii</u> .
796	Ballymartin	S735544	Additional site, with <u>Orchis morio</u> .
797	Ballymoon	S73 61	Additional site, with <u>Orchis morio</u> and <u>Acinos arvensis</u> .
800	Borris Golf Club	S73 49	Additional site, with <u>Carduus nutans</u> .
801	Borris House	S726502	Additional site, with <u>Geranium rotundifolium</u> .
802	Carlow, N9	S73 77	Additional site, with <u>Carduus nutans</u> .
805	Clonmelsh Pit	S72 70	Additional site, with <u>Erigeron acer</u> .
807	Huntington Sandpits	S90 60	Additional site, with <u>Acinos arvensis</u> .
808	John's Hill	S88 57	Additional site, with <u>Hammarbya paludosa</u> .
811	Oldtown	S71 68	Additional site, with <u>Carduus nutans</u> .
813	Powerstown	S70 68	Additional site, with <u>Erigeron acer</u> .
814	Powerstown, north	S70 68	Additional site, with <u>Erigeron acer</u> .
815	Slaney Valley, above Clonegall	S87 67	Extended southward to Kilcarry Bridge to include site for <u>Lamiastrum galeobdolon</u> .
817	Slygoff	S666598	Additional site, with <u>Carduus nutans</u> .

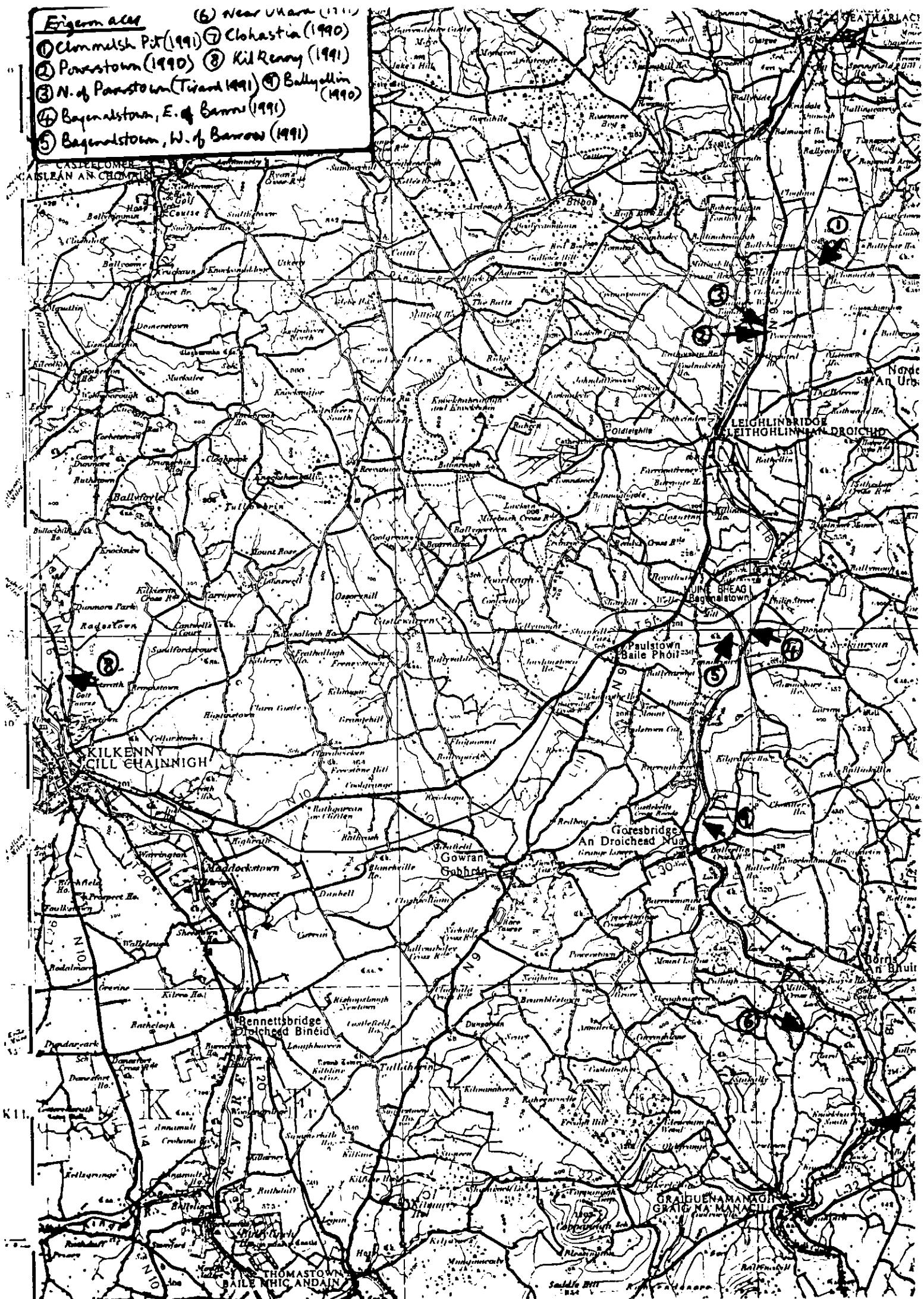
SHEET 23

<u>Site No.</u>	<u>Name</u>	<u>Grid Ref.</u>	<u>Comments</u>
793	Bahana & Drummond Wood	S72 40 S73 36	Bahana Wood extended northward to include site for <u>Trichomanes speciosum</u> .
795	Ballyglisheen	S78 44	Additional site, with <u>Asplenium billotii</u> .

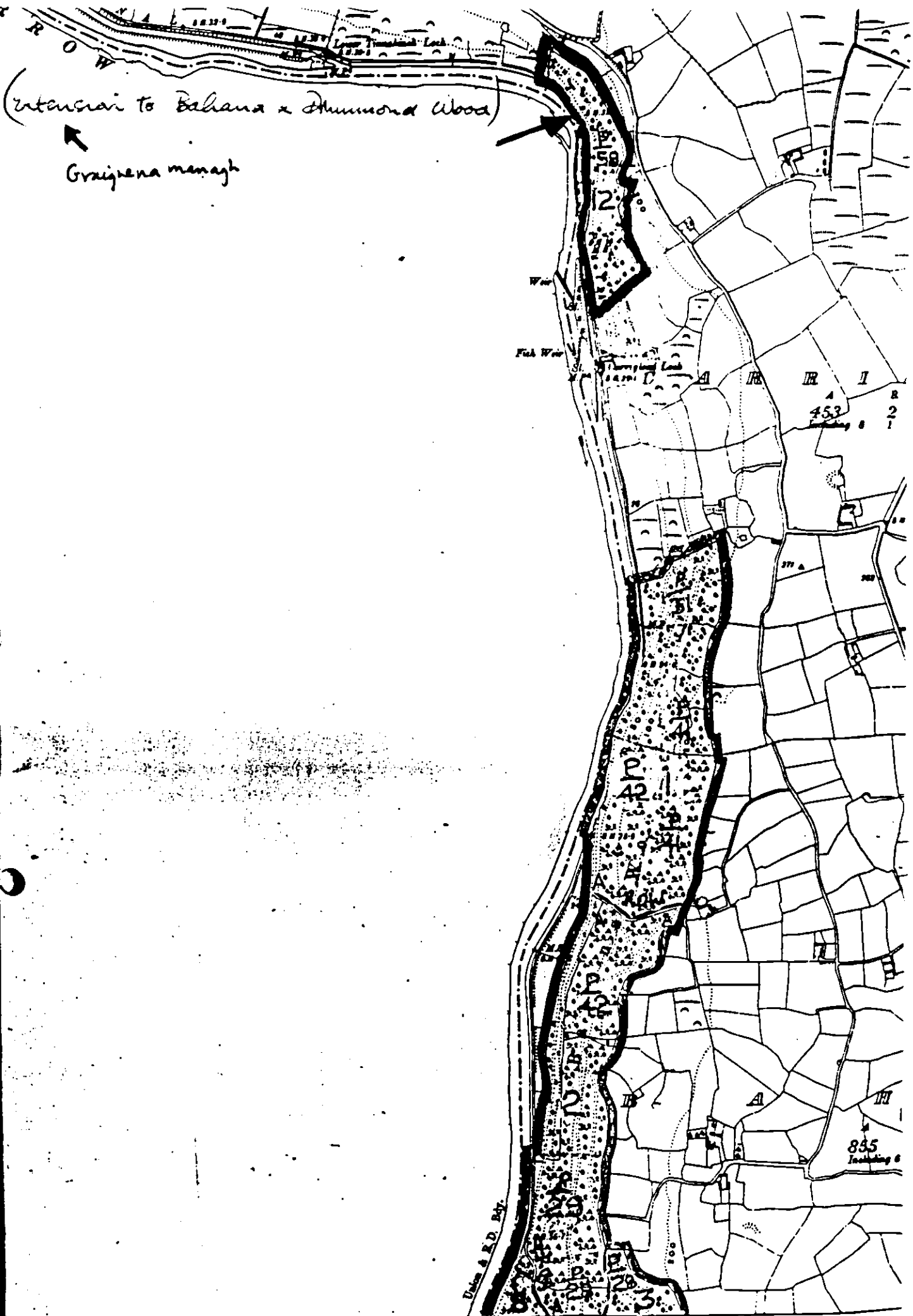
Eigern aca

(6) Near Uham (1911)

- ① Clonmelsh Pt (1911) ⑦ Clohastia (1990)
- ② Powerstown (1990) ⑧ Kil Renny (1991)
- ③ N. of Powerstown (Tirard 1991) ⑨ Ballyellin (1990)
- ④ Bagenalstown, E. of Barrow (1991)
- ⑤ Bagenalstown, W. of Barrow (1991)



Species <i>Trichomanes speciosum</i>		Vice-County Number H13	Vice-County Carlow
Locality R. Barrow, SE of Graiguenamanagh (extension to Bahana & Drummond Wood)		Land Owner/Occupier	
Grid Ref 6725420	Area (Ha)	Date 2 Oct 1990	Recorder R Fitz Gerald AS Byfield
Sketch Map of Site Showing Location of Species Indicate North			
Size of Population > 50 fronds in wet orchard, N. end of steep wood above R Barrow			
		Associated Species (bryophytes only) In wood: <i>Ulnus glabrum</i> (dominant) <i>Asplenium adnigrum nigrum</i> <i>A. trichomanes</i> <i>Dryopteris dilatata</i> <i>Phyllitis scolopendrium</i> <i>Polystichum setiferum</i> <i>Polypodium vulgare</i> <i>P. cambricum</i> <i>Chrysosplenium oppositifolium</i> <i>Circaea lutetiana</i> <i>Oxalis acetosella</i> <i>Hyacinthoides non-scripta</i> <i>Melica uniflora</i> <i>Milium effusum</i>	
Other Data Recorded here since 1913 (Phillips)		Threats and Proposed Conservation Measures Fronds brown after dry summer, but well grown and abundant. Site well above path. Secure?	



Tribomanes Speciosum

Town of St. MULLIN'S
1831

Published by the Director

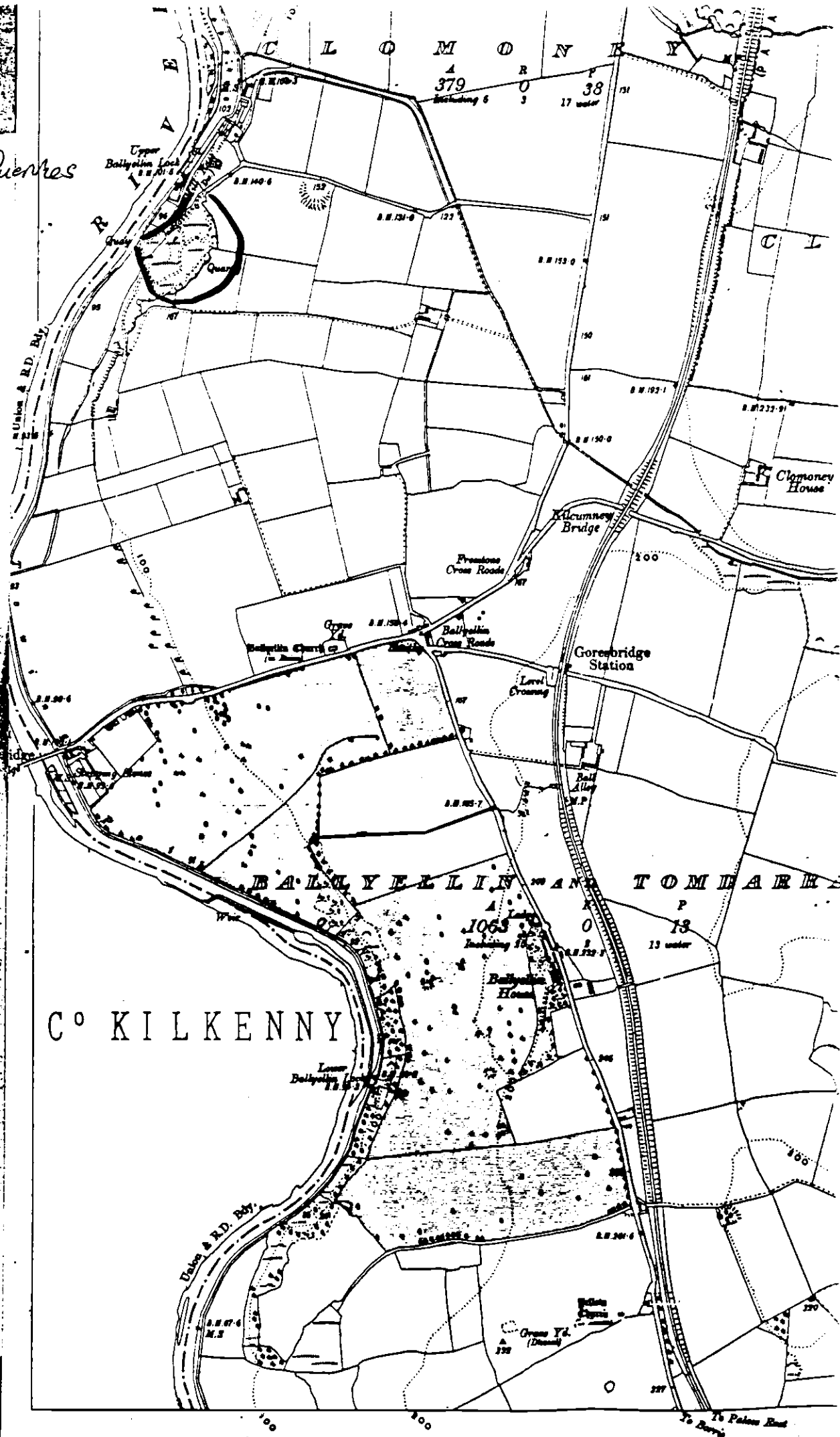
Species <i>Carduus nutans</i>		Vice-County Number H13	Vice-County Carlow
Locality Ballyellin Quarries, Goresbridge		Land Owner/Occupier Ballyellin Lime Works Fireman: Eamon Dalton Head Office: St Stephens Green House, Dublin 2	
Grid Ref S 68-54-	Area (Ha)	Date 28/7/90	Recorder R. FitzGerald. NTirard
Sketch Map of Site Showing Location of Species Indicate North ↑ x <i>Carduus nutans</i> o <i>Ophrys apifera</i>			
Size of Population >10 in disturbed areas at edge of fields and spoil heaps			
		Associated Species <i>Agrostis stolonifera</i> <i>Bellis perennis</i> <i>Chenopodium album</i> <i>Cirsium arvense</i> <i>C. vulgare</i> <i>Euphorbia helioscopia</i> <i>Sinapis arvensis</i>	<u>Note</u> Very large populations of RSB Species <u>Brigam acar</u> Present, esp. on Spill heaps on W. side and in centre
Other Data Long recorded in area. Rawlins 1941, N.F. pers comm 1988		Threats and Proposed Conservation Measures Hopefully persistent in areas of disturbance	

Ballyellin Querns

ardans nutans
rijeron acer
chrys apifera

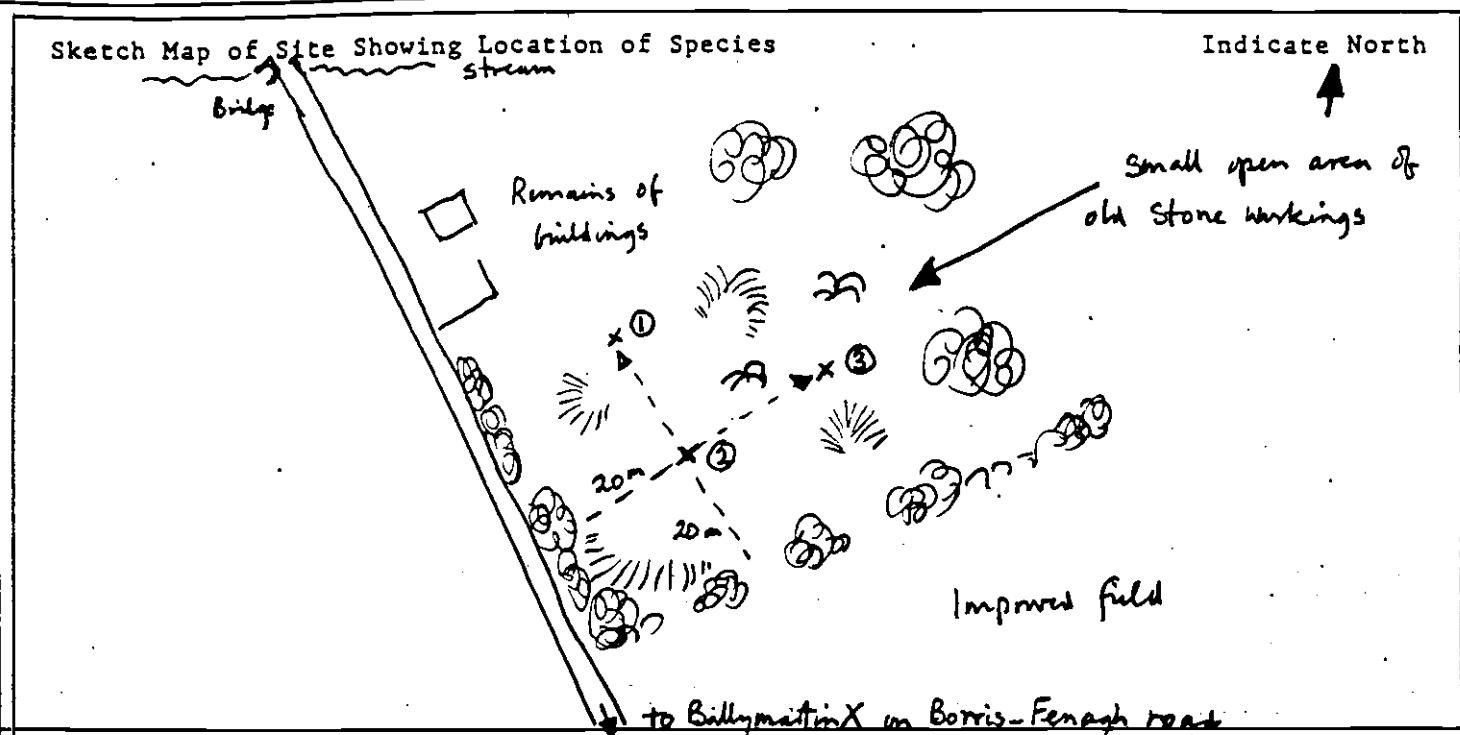
Ballyellin H13

prox. boundary



Species <i>Asplenium billotii</i>		Vice-County Number H13	Vice-County Carlow
Locality Ballyglisheen, Nr Gowlin		Land Owner/Occupier Mr Murphy 'Waterloo Lane' Ballyglisheen	
Grid Ref S78-44-	Area (Ha)	Date 29 October '90	Recorder R FitzGerald NT Ireland
Sketch Map of Site Showing Location of Species to Glyn-Ballymurphy road Indicate North Farm track to mountain (gated & rough from here on)			
Size of Population > 50 plants, scattered along c. 50 m of stone wall, specially abundant at farm end.			
Locality		Associated Species No immediate ass. spp. A little <u><i>A. adiantum nigrum</i></u> present. Plants tightly rooted in crevices between stones of wall. ^{NB} Adjoining lanes searched thoroughly. No other populations	
Other Data Previously recorded here.		Threats and Proposed Conservation Measures Wall seems in good condition, though lane widening or wall repair would threaten. No immediate threat? Management staff to contact.	

Species <i>Orchis morio</i>		Vice-County Number H13	Vice-County Carlow	C3
Locality Ballymartin, nr Borris		Land Owner/Occupier		
Grid Ref S/ 735544	Area (Ha)	Date 12 May 1990	Recorder R. FitzGerald N. Tirard	



Size of Population 6 flowering spikes in relict calcareous grassland and open
Centaurea scrub



Associated Species

- Anthoxanthum odoratum*
- Achillea millefolium*
- Bellis perennis*
- Briza media*
- Anastium glutinosum*
- Carex campophylla*
- C. flacca*
- Centaurea nigra*
- Centaurea monogyna*
- Galium verum*
- Helictotrichon pubescens*
- Knausia arvensis*
- Lathyrus pratensis*

- Legula campestris*
- Hypericum perforatum*
- Pilosella* agg.
- Plantago lanceolata*
- Pimpinella saxifraga*
- Poa pratensis*
- Ranunculus bulbosus*
- Rosa* sp.
- Silene vulgaris*
- Senecio jacobaea*
- Trifolium dubium*
- Vernonia chamaedrys*
- Viola riviniana*

Other Data

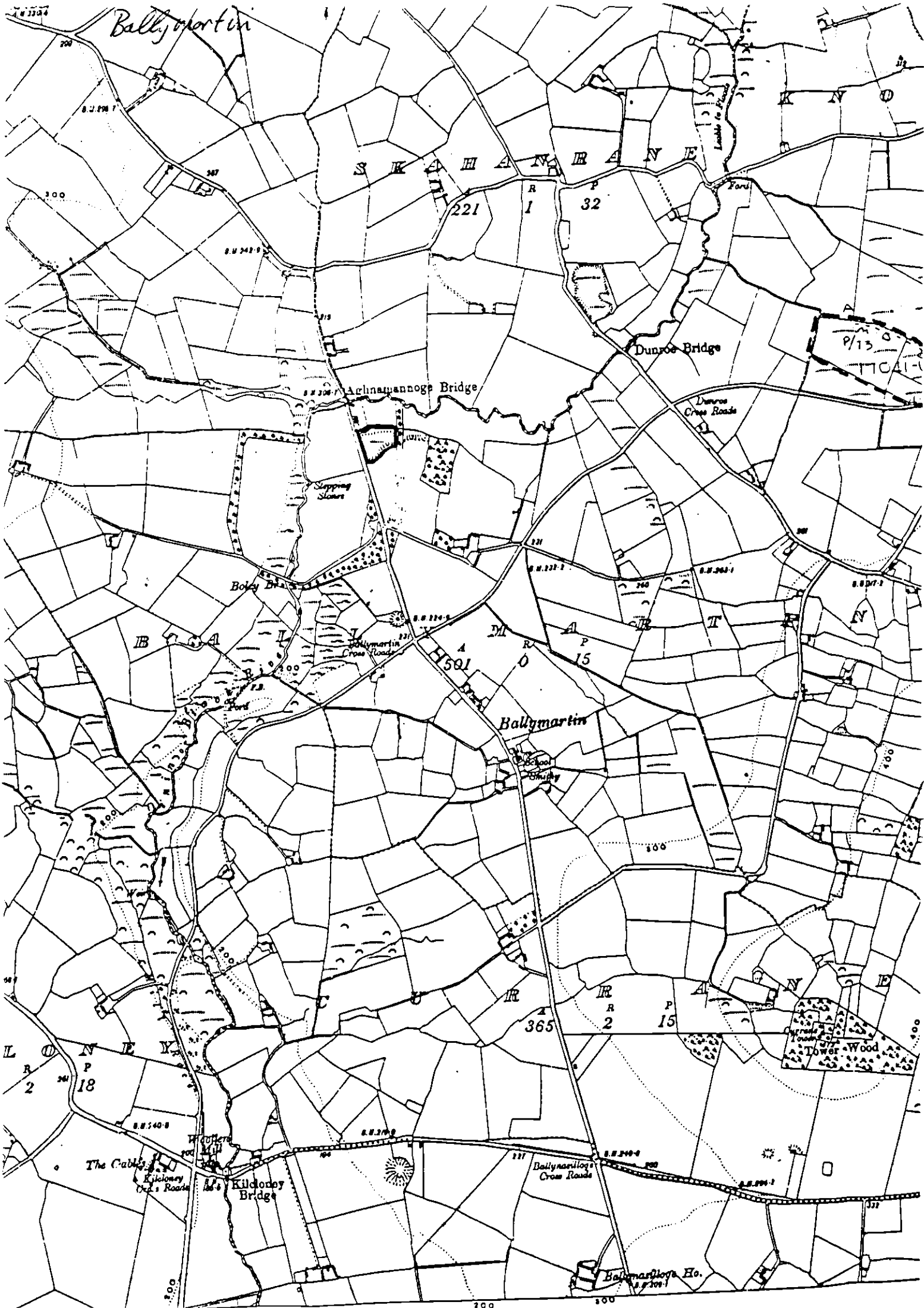
Probably this site recorded by E. Rawlins
c. 1942 (ms)

Threats and Proposed Conservation Measures

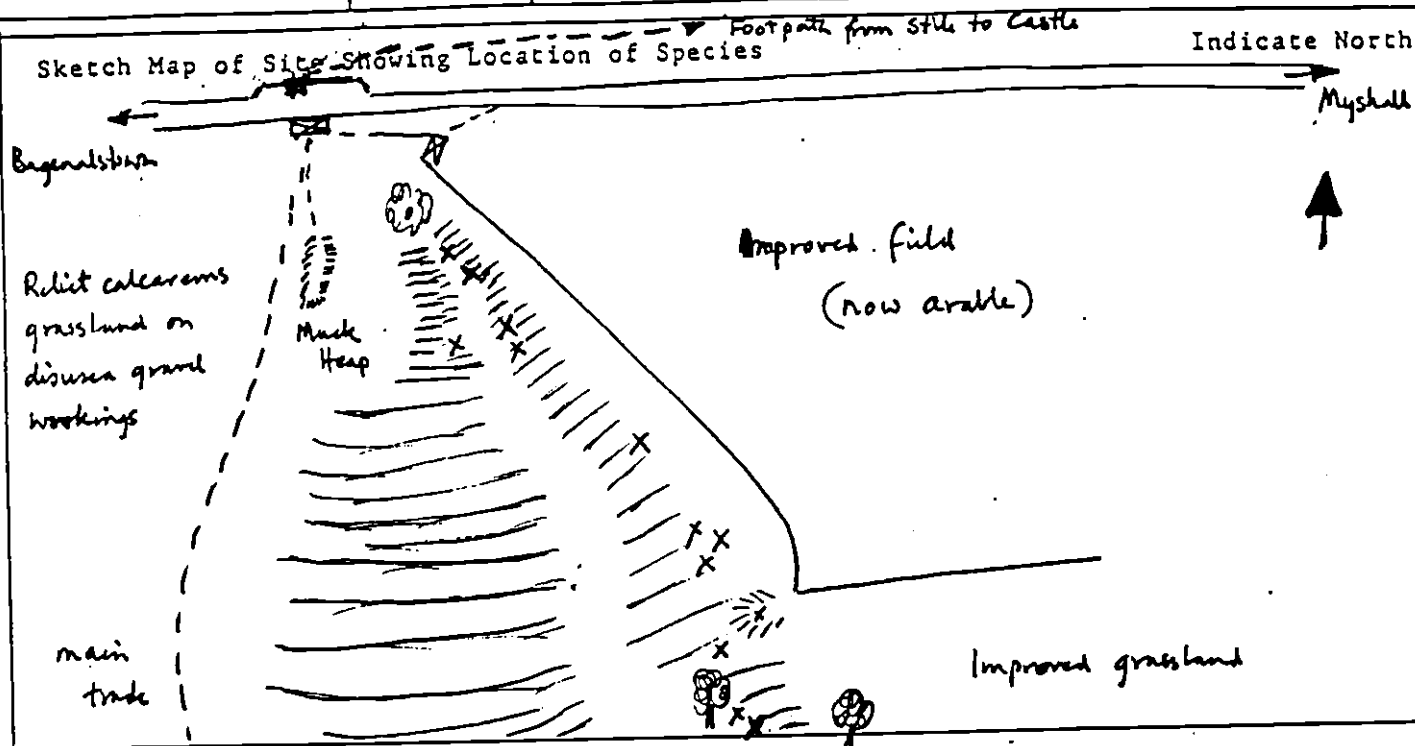
Bulldozing. Fertilizer application.

Vulnerable

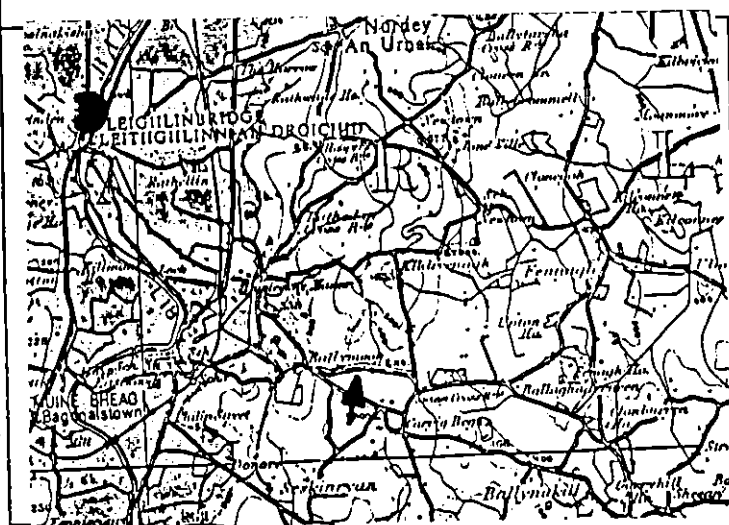
Notification / purchase of site ?



Species <i>Orchis morio</i>		Vice-County Number H13	Vice-County Carlow
Locality Ballymann		Land Owner/Occupier Gilbert Smith Ballywilliam Roe, Bagenalstown	
Grid Ref S/73 61	Area (Ha)	Date 12 May 1990	Recorder R. Fitz Gerald N. Tarrant



Size of Population > 100 flowering spikes on E. banks. 1 at W. end near road.



- Associated Species
- | | |
|-------------------------------|---------------------------------|
| <i>Anacamptis pyramidalis</i> | <i>Helictotrichon pubescens</i> |
| <i>Anthoxanthum odoratum</i> | <i>Lotus corniculatus</i> |
| <i>Achillea millefolium</i> | <i>Lygula campestris</i> |
| <i>Arnica serpyllifolia</i> | <i>Plantago lanceolata</i> |
| <i>Bellis perennis</i> | <i>Pragmator vulgaris</i> |
| <i>Carex campophylla</i> | <i>Pimpinella saxifraga</i> |
| <i>C. flacca</i> | <i>Pilosella</i> agg. |
| <i>Centaurea nigra</i> | <i>Poa pratensis</i> |
| <i>Cerastium glomeratum</i> | <i>Ranunculus bulbosus</i> |
| <i>Carlina vulgaris</i> | <i>Sanguisorba minor</i> |
| <i>Dactylis glomerata</i> | <i>Senecio jacobaea</i> |
| <i>Galium verum</i> | <i>Briza media</i> |

Other Data

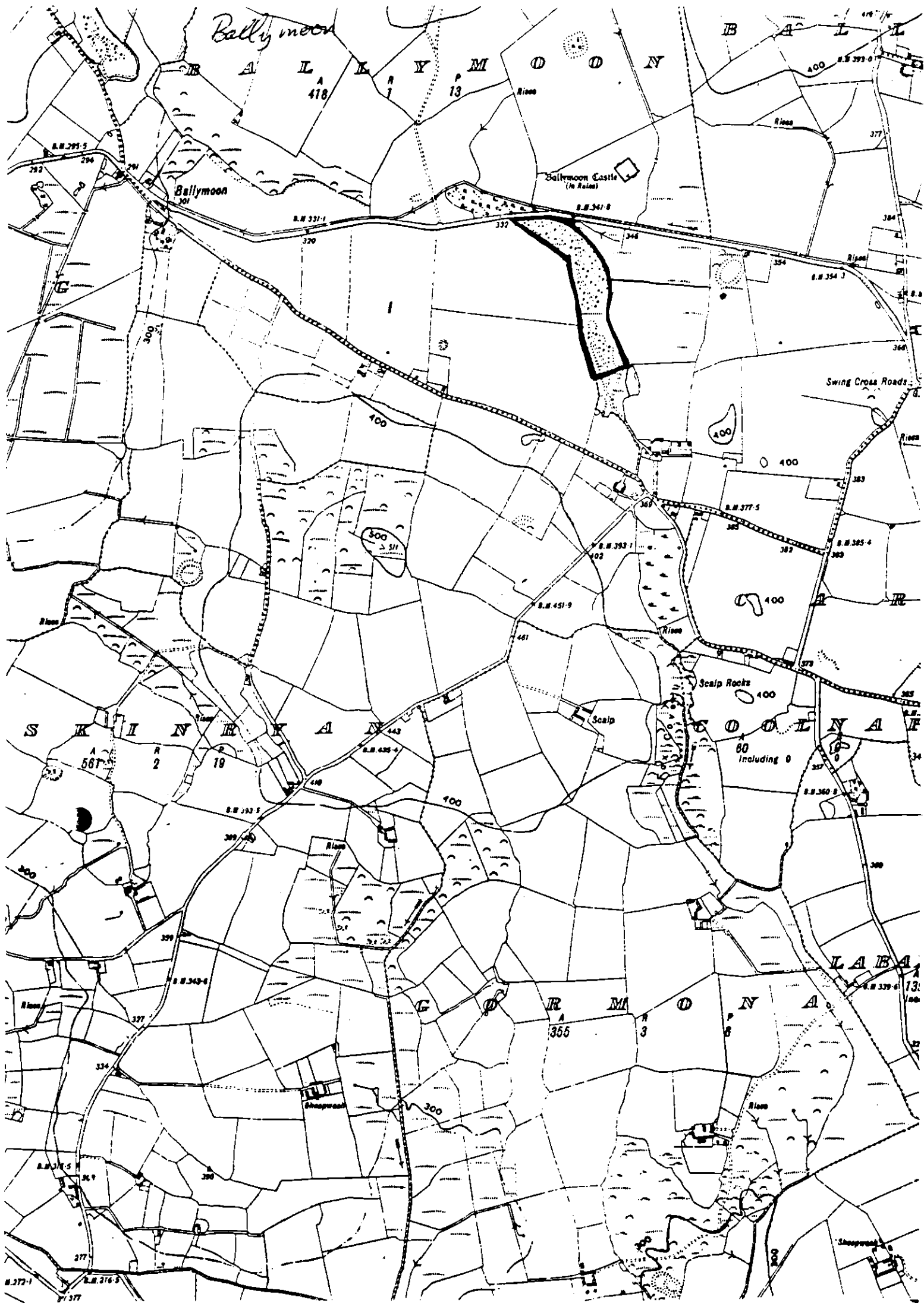
Acinus exensis present (1989)
Ophrys apifera (1988)

Close to Bagenalstown Esker ASI

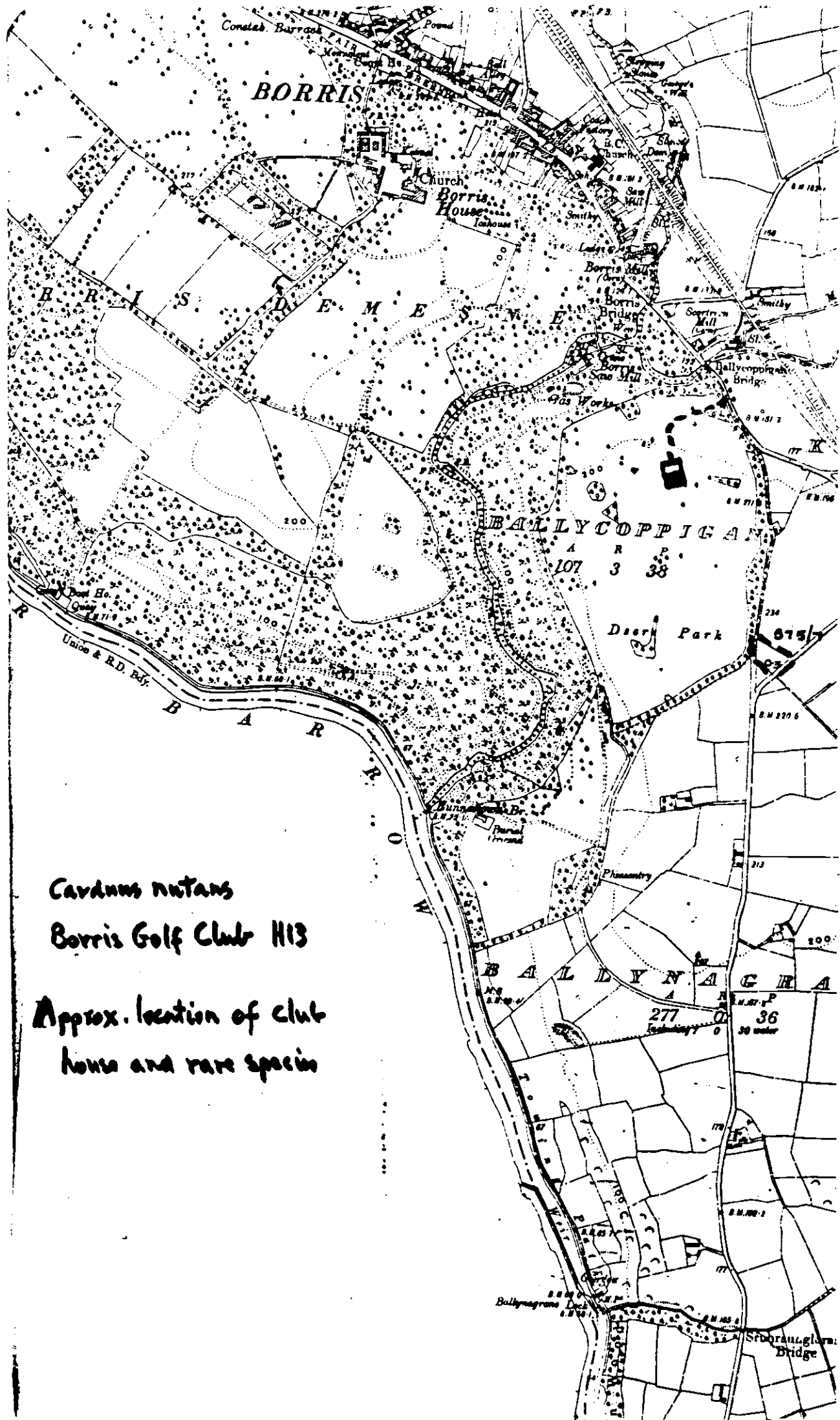
Threats and Proposed Conservation Measures

Bulldozing. Gravel extraction (Some working 1989)
Use of fertilizer. Present use of part of site as manure heap. Vulnerable.

Notification / purchase of site?



Species <i>Carduus nutans</i>		Vice-County Number H13	Vice-County Carlow
Locality Borris Golf Club		Land Owner/Occupier Borris Golf Club Sec. Eamon Lennon. Groundsman. Mick Jordan	
Grid Ref S73-49-	Area (Ha)	Date 15/8/90	Recorder R. FitzGerald
Sketch Map of Site Showing Location of Species to main road and Borris 			
Size of Population 3 plants in flower			
		Associated Species <i>Achysa cynapium</i> <i>Achillea millefolium</i> <i>Capsella bursa pastoris</i> <i>Chenopodium album</i> <i>Cirsium arvense</i> <i>C. vulgare</i> <i>Euphorbia helioscopia</i> <i>Heracleum sphondylium</i> <i>Matricaria matricaroides</i> <i>Paracetis rhoeas</i> <i>Phytolacca ariflora</i> <i>Sisymbrium officinale</i> <i>Stellaria media</i> <i>Trifolium repens</i> <i>Vernonia persica</i>	
Other Data No previous records here. Introduced with sand or gravel from local pit?		Threats and Proposed Conservation Measures Golf Club Sympathetic, recorder encouraged continued disturbance of waste ground, no herbicide	



Carduus nutans
Borris Golf Club H13

Approx. location of club
house and rare species

Species <i>Geranium rotundifolium</i>		Vice-County Number H13	Vice-County Carlow C4
Locality Borris House		Land Owner/Occupier Andrew McMorrough Kavanagh Borris House	
Grid Ref S/726502	Area (Ha) 10x5m	Date 13 May 1990	Recorder R. Fitz Gerald

Sketch Map of Site Showing Location of Species

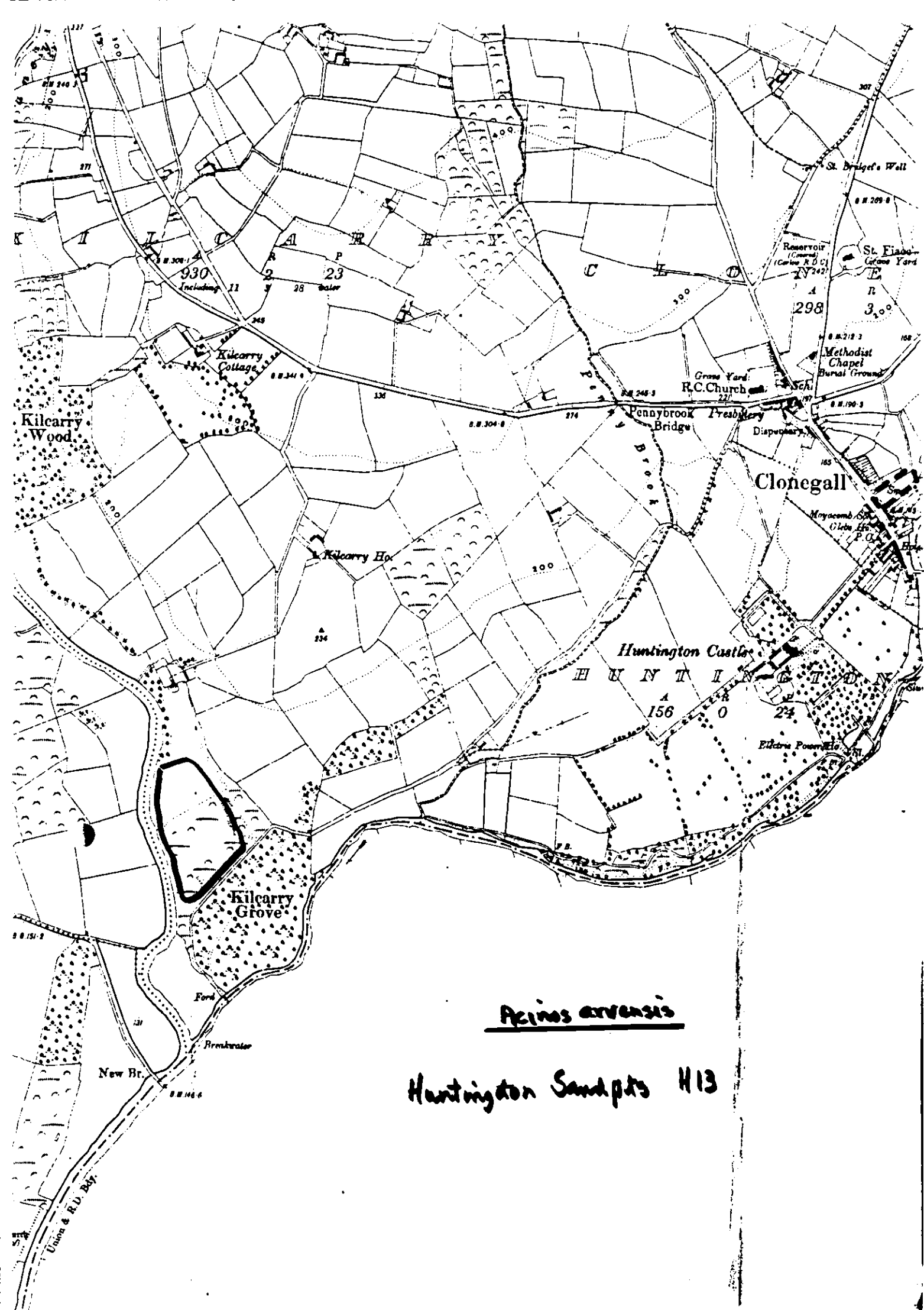
Size of Population
> 10 plants on edge of grass

	Associated Species	<i>Taraxacum</i> sp.
	<i>Bellis perennis</i> <i>Dactylis glomerata</i> <i>Galium aparine</i> <i>Geranium molle</i> <i>Aluim perenne</i> <i>Matricaria matricaroides</i> <i>Poa pratensis</i> <i>Sagina procumbens</i> <i>Senecio vulgaris</i>	

Other Data First seen here c. 1988. No previous records in H13	Threats and Proposed Conservation Measures 'Weedy' species, may increase. Owner Sympathetic. Little Threat.
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Species <i>Carduus nutans</i>		Vice-County Number H13	Vice-County Carlow
Locality Carlow, N9 (Dukin road) NE of town		Land Owner/Occupier Council	
Grid Ref 573-77-	Area (Ha)	Date 23/8/91	Recorder R. Fitz Gerald
Sketch Map of Site Showing Location of Species 			
Size of Population < 10 plants scattered along approx 50m of disturbed road verge.			
Locality Map (1:25,000 if possible) 		Associated Species <i>Archilex millefolium</i> <i>Agrostis gigantea</i> <i>Brassica rapa</i> <i>Cirsium arvense</i> <i>C. vulgare</i> <i>Capsella bursa pastoris</i> <i>Crepis vesicaria</i> <i>Euphorbia helioscopia</i> <i>Equisetum arvense</i> <i>Elymus repens</i> <i>Lolium perenne</i> <i>Medicago lupulina</i> <i>Matricaria matricarioides</i> <i>Papaver rhoeas</i> <i>Phytolacca amplexicaulis</i> <i>P. arvensis</i> <i>Ranunculus repens</i> <i>Ruscus hirtellus</i> <i>Senecio vulgaris</i> <i>Sinapis alba</i> <i>S. arvensis</i> <i>Silene alba</i> <i>Tussilago farfara</i> <i>Tripleurospermum inodorum</i> <i>Vicia cracca</i> <i>Vicia arvensis</i>	
Other Data Found here by Necta Tirard, August 1991 Local roadstone may come from known sites, Ballyellen (S65) or Kilgarry (S65)		Threats and Proposed Conservation Measures Ruderal site - no conservation practical?	

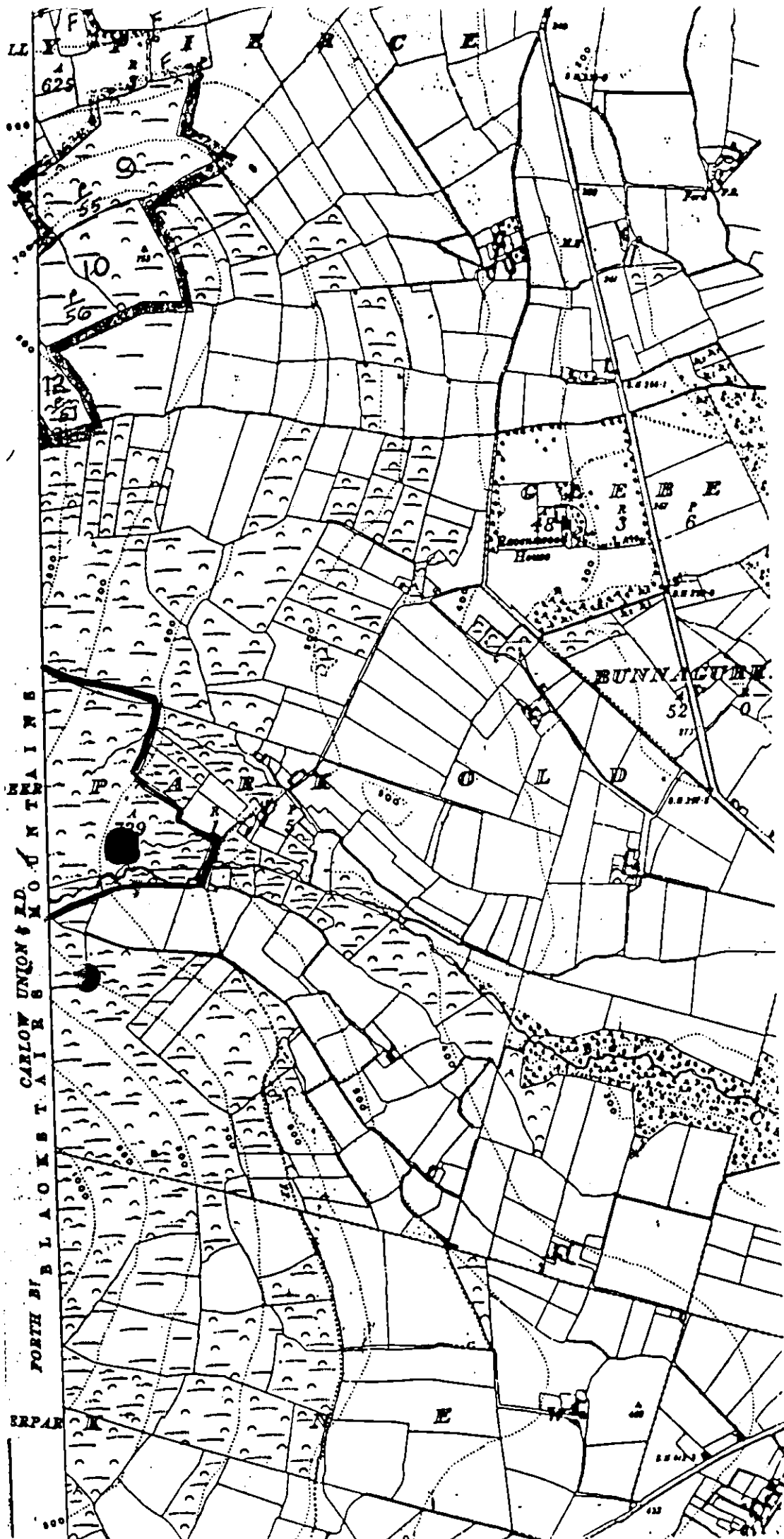
Species <i>Erigeron acer</i>		Vice-County Number 413	Vice-County Carlow
Locality Clonmelsh Pit		Land Owner/Occupier D. Morrissey, Inland, Ltd.	
Grid Ref 572-70-	Area (Ha)	Date 23/8/91	Recorder R. Fitz Gerald
Sketch Map of Site Showing Location of Species Road Indicate North ↑			
Size of Population Many Thousands on rocky rubble on S. edge of pit, occasional on NE tracks and spoil heaps. Occasional also in arable fields on S. edge.			
Locality Map (1:25,000 if possible) 		Associated Species See over.	
Other Data Also known at Powerstown, by N9 about 2 m. SW of Clonmelsh Voucher at DBN		Threats and Proposed Conservation Measures Should persist in current working pattern.	



Agrostis arvensis

Huntington Sandpits H13

Species <i>Hammarbya paludosa</i>		Vice-County Number 413	Vice-County Carlow
Locality <i>John's Hill</i> W. of Deer Park Farm, ISLUS Hill		Land Owner/Occupier J. Greenan, Deer Park, Buncloody	
Grid Ref S88-57-	Area (Ha)	Date 14 Sept. '90	Recorder R. Fitz Gerald DA Pearman
Sketch Map of Site Showing Location of Species			
Size of Population 2 flowering plants found, after Thorough search. Never possible for accurate estimate of this inconspicuous species, but certainly not abundant.			
		Associated Species <i>Spaghnum</i> spp. <i>Carex panicea</i> <i>Drosera rotundifolia</i> <i>Eleocharis multicaulis</i> <i>Eriophorum angustifolium</i> <i>Erica tetralix</i> <i>Adiantum caeruleum</i> <i>Narthecium ossifragum</i> <i>Pinguicula lusitanica</i> <i>Rhynchospora alba</i> <i>Ulex gallii</i>	
Other Data Previously recorded here, Booth 1979		Threats and Proposed Conservation Measures No immediate Threat, but a most important bog in local context, as well as site for * European rarity. Unless Mt Leinster mining proposal - pollution	



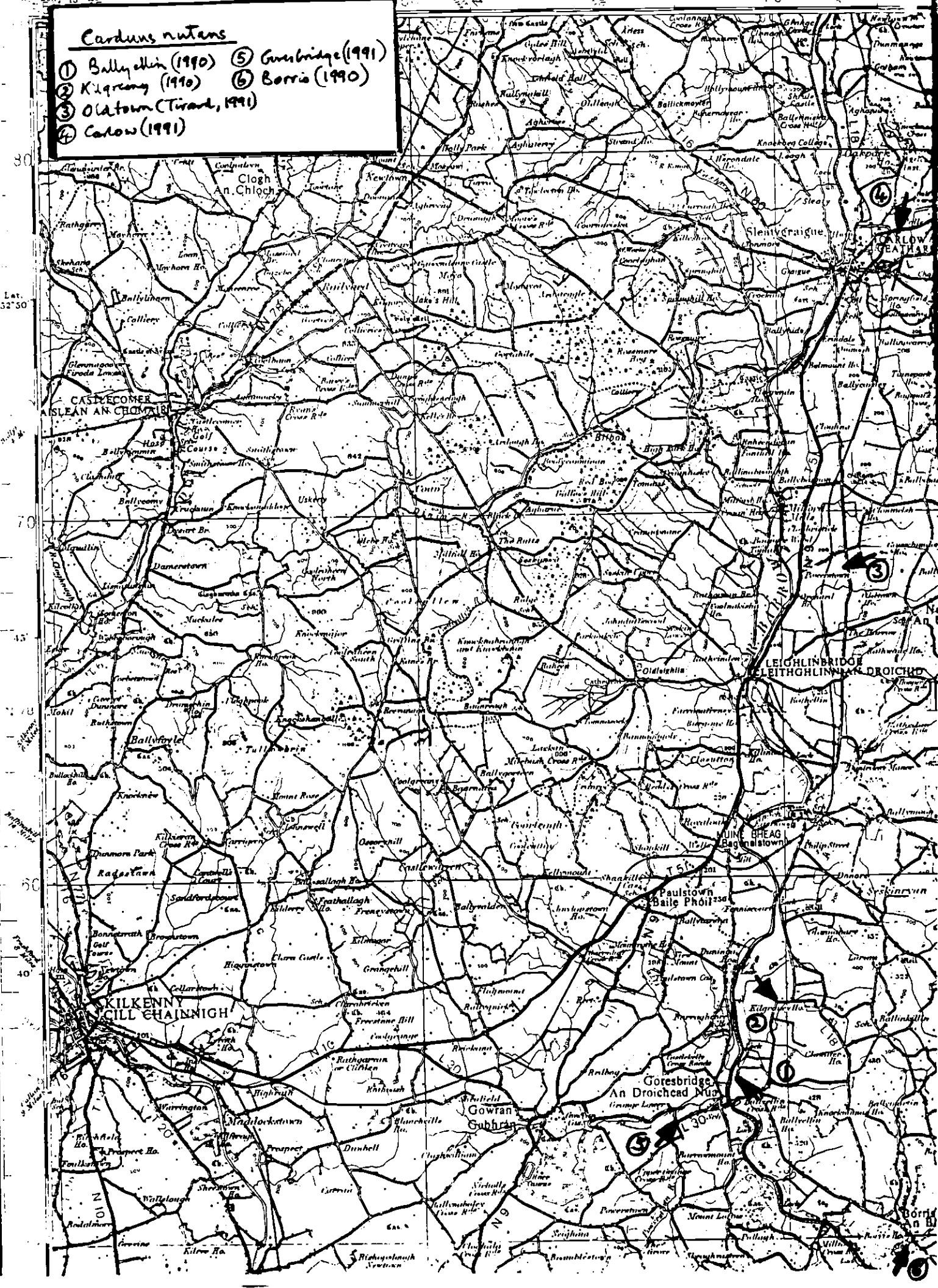
John's Hill

Hammarbya paludosa
Deer Park, John's Hill

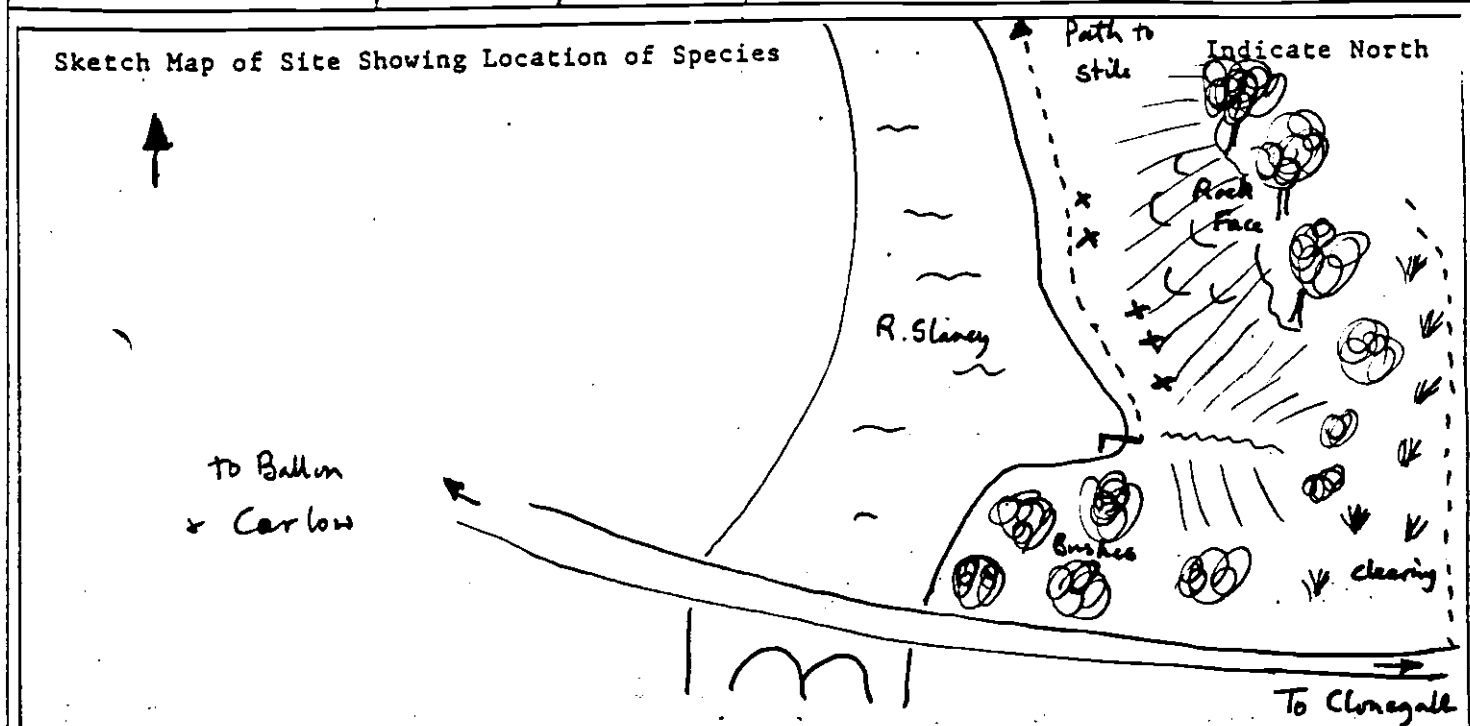
Approx. location of
plants seen in
1990

Carduus nutans

- ① Ballyellin (1990)
- ② Kilsenny (1990)
- ③ Olatown (Tirard, 1991)
- ④ Carlow (1991)
- ⑤ Goresbridge (1991)
- ⑥ Borris (1990)



Species <i>Lamiastrum galeobdolon</i>		Vice-County Number H13	Vice-County Carlow	C1
Locality R. Slaney, Kiltarry Bridge (extension to Slaney Valley above Clonegall)		Land Owner/Occupier		
Grid Ref S/895627	Area (Ha)	Date 10 May 1990	Recorder TGF Curtis R FitzGerald	



Size of Population	35 flowering spikes in 4 small populations approx 1x1 m. Many hind shoots. Fishermans path keeps bank fairly open
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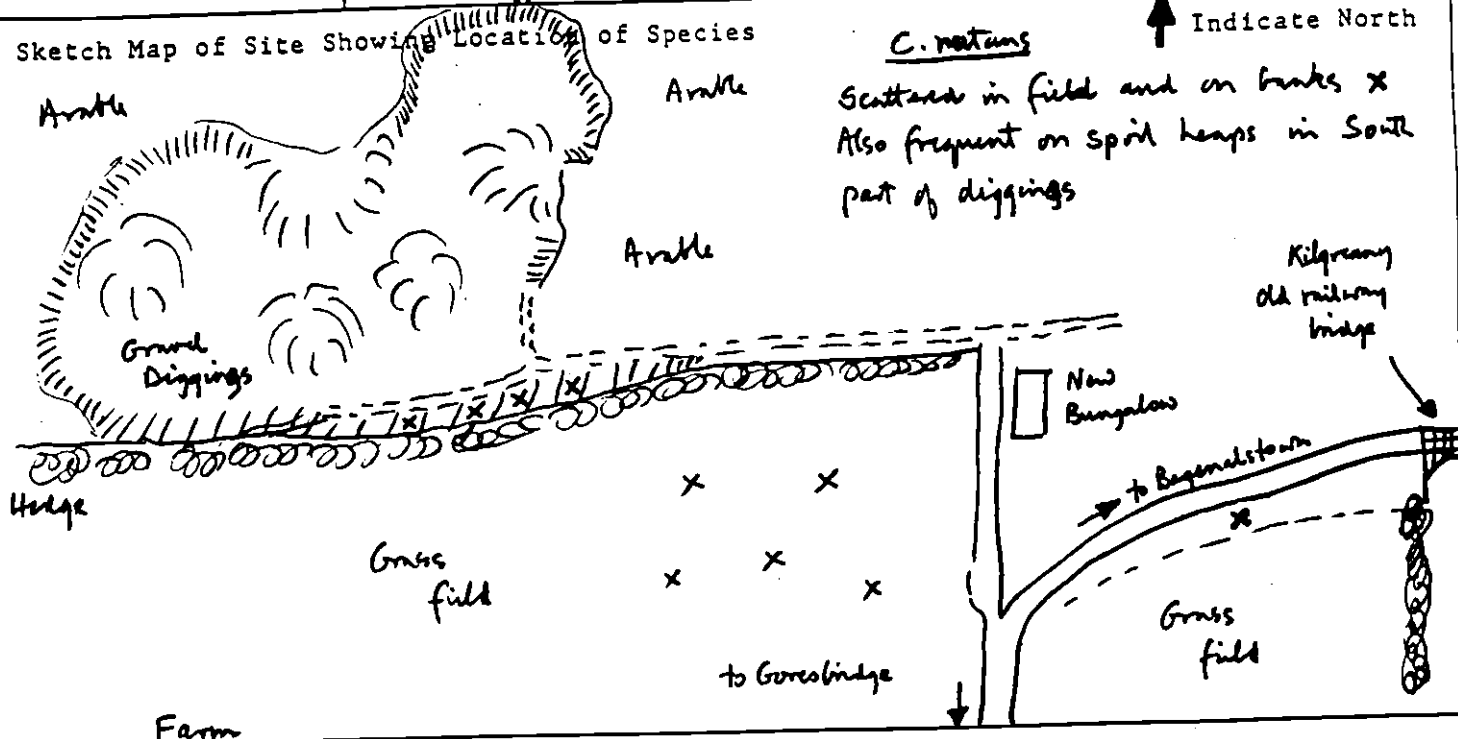
	Associated Species	<i>Ara trivialis</i>
	<i>Aren. maculatum</i> <i>Aegopodium podagraria</i> <i>Anthriscus sylvestris</i> <i>Crepis paludosa</i> <i>Eupatorium cannabinum</i> <i>Filipendula ulmaria</i> <i>Galium aparine</i> <i>G. odoratum</i> <i>Hedera helix</i> <i>H. Scus mullis</i> <i>Hyacinthoides non-scripta</i> <i>Lonicera periclymenum</i> <i>Medicago uniflora</i>	<i>Polystichum setiferum</i> <i>Potentilla sterilis</i> <i>Pteridium aquilinum</i> <i>Ranunculus ficaria</i> <i>Rubus fruticosus</i> agg. <i>Stachys sylvatica</i> <i>Stellaria holostea</i> <i>Urtica dioica</i> <i>Veronica chamaedrys</i> <i>V. montana</i> <i>Vicia sepium</i>

Other Data Previous record Stelfox 1926. Found elsewhere on R. Slaney	Threats and Proposed Conservation Measures Scrub growth if path disused, or further clearance if path enlarged, could be threatening. Present management favourable.
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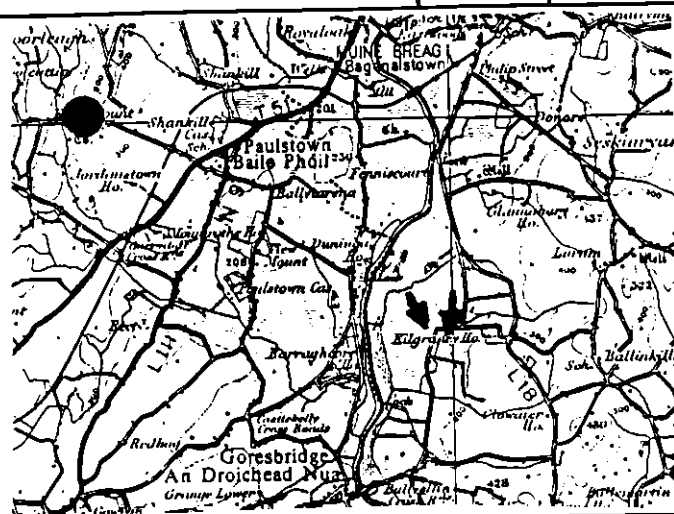
Extension to Slaney Valley above Clongall



Species <i>Carduus nutans</i>	Vice-County Number H.13	Vice-County Carlow
Locality Slygoff, nr Bagenalstown, and Kilgraney Bridge	Land Owner/Occupier Mr Ernie Powers, Slygoff	
Grid Ref S/666598 etc.	Area (Ha) 3	Date 18 June '90
Recorder R. Fitz Gerald		



Size of Population > 500 in grazed fields, and on open gravel on banks and
spoil heaps in gravel workings, in rich calc. grassland on road bank



Associated Species

- ① On spoil heaps & gravel banks:
- Andropogon elatior*
 - Asterina serpyllifolia*
 - Crepis vesicaria*
 - Arctium fontanum*
 - Cirsium arvense*
 - C. vulgare*
 - Chaenorrhinum minus*
 - Dactylis glomerata*
 - Fumaria bastardii*
 - Hantheum sphondylium*
 - Holcus lanatus*
 - Lamium purpureum*
 - L. amphixanthum*
 - Matricaria inodora*
 - Myosotis arvensis*
 - Papaver rhoeas*
 - Reseda luteola*
 - Rumex crispus*
 - Senecio jacobaea*
 - Silene alba*
 - Spargula arvensis*
 - Stachys arvensis*
 - Veronica arvensis*
 - Viola arvensis*

Other Data

Previous records in this area (Rushin 1943
etc.)

Threats and Proposed Conservation Measures

Populations might decline if gravel workings
were discontinued, but long persistence in
a variety of habitats in this locality shows
adequate seed bank.
No immediate threats apparent.

June 1990



Species most abundant in gravel workings, but also present in grass fields S and E