Irish species project

8 rare/local species surveyed during 2014 and 2015

Moonwort Botrychium lunaria

Cyperus Sedge Carex pseudocyperus

Autumn Gentian Gentianella amarella

Toothwort *Lathraea squamaria*

Grass-of-Parnassus Parnassia palustris

Cowslip *Primula veris*

Common Wintergreen Pyrola minor

Cranberry Vaccinium oxycoccos

BSBI 'Irish Species Project' recording form						Tary	Target species:										
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Example of recording form used

236 record cards compiled by 64 recorders

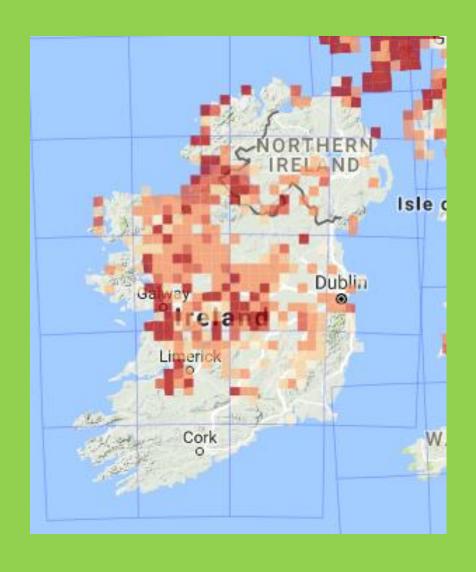
Table 1. Overview of card returns by species.

Species name	No. pre-selected sites	No. pre-selected sites surveyed	(% of pre-selected surveyed)	No. extra sites surveyed	Total no. sites surveyed
Botrychium Iunaria	38	9	24	9	18
Carex pseudocyperus	47	14	30	10	24
Gentianella amarella	51	7	14	10	17
Lathraea squamaria	50	18	36	33	51
Parnassia palustris	51	12	24	22	34
Primula veris	50	14	28	25	39
Pyrola minor	20	8	40	4	12
Vaccinium oxycoccos	50	16	32	25	41
	357	98	27	138	236

Low number of pre-selected sites surveyed due in part to poor location details, e.g. 10k square resolution only.

Parnassia palustris – Grass of Parnassus

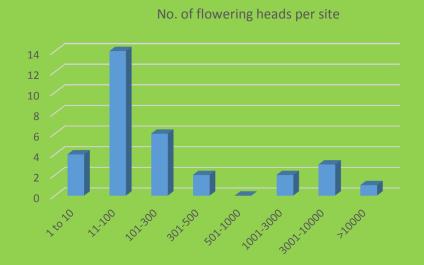




• 12 preselected sites surveyed. Species refound in 9, not refound in 3. 1 site drained for forestry, 2 sites appear to be subject to scrub encroachment.

• Habitats - Fens, flushes, lake margins, dune slack, damp calcareous grassland. Mainly limestone geology.

• Population size - Majority of sites have a small population size (11 to 100 flowering heads).



Species associated with
 a short sward of <15cm.
 Usually in species-rich vegetation.
 Purple moor grass, Devil's bit
 scabious and Quaking grass the
 most common associated
 species.

2		
3		% presence in quadrats
4	Parnassia palustris	100
5	Molinia caerulea	65
6	Succisa pratensis	60
7	Briza media	50
8	Carex flacca	45
9	Agrostis stolonifera	40
10	Lotus corniculatus	40
11	Equisetum palustre	35
12	Holcus lanatus	35
13	Juncus articulatus	35
14	Linum catharticum	35
15	Mentha aquatica	35

• Land use – c. 75% of sites grazed by livestock. Little evidence of drainage damage in surveyed sites.

• Further species accounts in 2017 edition of Irish Botanical News.