

Jim Anderson Esq

**Machynys Peninsula
Golf & Country Club,
Llanelli, Carmarthenshire.**

Report of a brief visit to record vascular plants

by

Kath & Richard Pryce

on

26th June 2019

Report issued 27th June 2019



Richard and Kath Pryce
Botanical Society of Britain & Ireland
Joint County Recorders for Carmarthenshire
Trevethin, School Road, Pwll, LLANELLI, Carmarthenshire, SA15 4AL.
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Record of plants recorded on 26th June 2019



The BSBI appoints a Recorder for each county of the British Isles.

Each Recorder is a volunteer who receives no financial reward and is not reimbursed for expenses but acts entirely out of their enthusiasm for the subject and for recording, monitoring and conserving Britain's flora.

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Record of plants recorded on 26th June 2019

Floral and Faunal Target Notes**recorded by Richard & Kath Pryce****on 26th June 2019****at the Machynys Peninsula Golf & Country Club, Llanelli, Carmarthenshire.**

The Target Notes have been recorded using Biorecs biological recording software which facilitates the records being incorporated into county databases administered by specialist county recorders and Local Biological Record Centres or nationally to the Biological Records Centre and the BSBI Distributional Database. Such records advance the knowledge and understanding of the distribution and frequency of plants, animals and habitats and enable a more informed approach to be made to future management and conservation of the natural and semi-natural environment. The locations of Target Notes are shown on the aerial photograph.

Key to Species Status codes.

Plants and some faunal groups

- a Abundant
- b Locally Abundant
- c Casual
- d Dominant
- e Escape
- f Frequent
- g Locally Frequent
- i Introduced
- j Invertebrate/vertebrate Adult
- K Invertebrate /vertebrate Larva/Immature, plant seedling
- L Invertebrate /vertebrate Sign only
- m Specimen in Museum or Herbarium (not verified)
- n Naturalized
- o Occasional
- p Present (no abundance or frequency recorded)
- r Rare
- s Self Sown
- t Garden Throw-out
- u Unconfirmed: Not yet accepted
- v Verified by Referee either in field or specimen discarded
- w Verified by Ref, specimen in Herbarium
- \$ cf (determination uncertain at this season or
specialist determination required)

NB For rare species, the actual number of individuals may be noted.

Fauna

The actual number of individuals is noted for birds and some other faunal groups.

Dragonflies and Damselflies and some other insect groups are generally indicated by letters which indicate the number of adults present:

A=1, B=2-5, C=6-20, D=21-100, E=100-500, F=500+

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Machynys Golf Course
Locations of Target Notes
recorded by Kath & Richard Pryce
26th June 2019

Record of plants recorded on 26th June 2019**Target Notes**

Printed from Biorecs 26/06/2019 19:29:59

On site 8:00 - 11:45 am, shown around the site by Jim Anderson, course manager.
Sunny with light NW breeze at first but clouding over later. 18°C.

Machynys Peninsula Golf & Country Club TN01

Infrequently mown (once or twice per year) neutral grassland established when course was established 14 years ago. 14 flowering stems of Bee Orchid, two or three Pyramidal Orchids.

Grid ref. : **21/5156- 9787-** Record date : **26/06/2019**

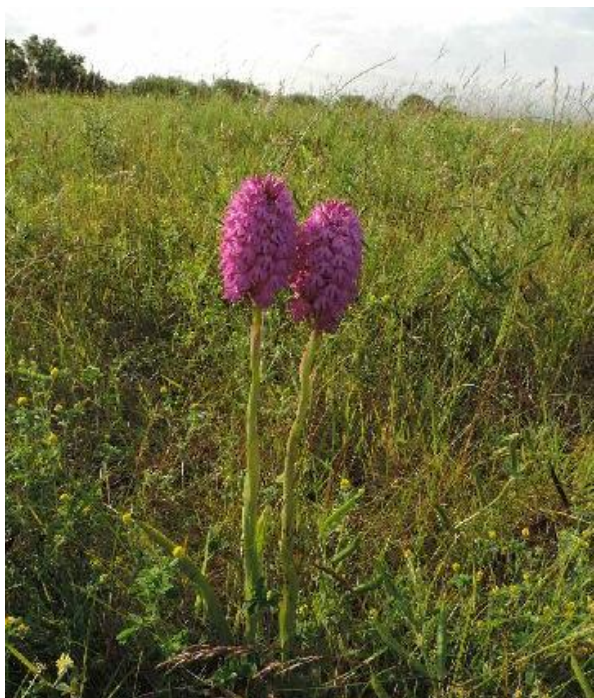
Habitat : **B2 - Neutral grassland**

Observer : **RD Pryce KAPryce**

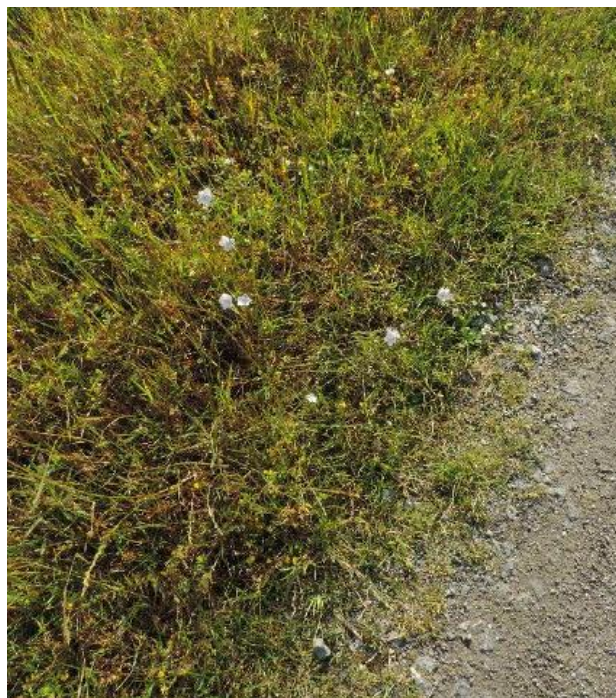
Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
98	<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	0	3
597	<i>Cynosurus cristatus</i>	Crested Dog's-tail	0	o
712	<i>Equisetum arvense</i>	Field Horsetail	0	g
824	<i>Festuca rubra</i> agg.	Red Fescue	0	b
1250	<i>Medicago lupulina</i>	Black Medick	0	b
1382	<i>Ophrys apifera</i>	Bee Orchid	0	14
1660	<i>Ranunculus repens</i>	Creeping Buttercup	0	o



TN01 Pyramidal Orchid



TN02 Pale Flax (a new record for the 10km square)

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Record of plants recorded on 26th June 2019**Machynys Peninsula Golf & Country Club TN02**

Neutral grassland on north side of track - locally abundant Pale Flax (first record for the Carms part of the SS59 O.S. 10km square).

Grid ref. : **21/5158- 9787-** Record date : **26/06/2019**

Habitat : **B2 - Neutral grassland**

Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	g
1168	<i>Linum bienne</i>	Pale Flax	0	b

Machynys Peninsula Golf & Country Club TN03

"Butomus Pond": tall fen vegetation around margin of small pond: list refers to northern margin only.

Grid ref. : **21/5165- 9788-** Record date : **26/06/2019**

Habitat : **F22 - Inundation community (variable water table)**

Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
288	<i>Butomus umbellatus</i>	Flowering-rush	0	g
396	<i>Carex otrubae</i>	False Fox-sedge	0	r
763	<i>Eupatorium cannabinum</i>	Hemp-agrimony	0	r
882	<i>Galium palustre</i>	Marsh-bedstraw	0	o
1625	<i>Pulicaria dysenterica</i>	Common Fleabane	0	g
1786	<i>Salix cinerea subsp. oleifolia</i>	Rusty Willow	0	g
1789	<i>Salix cinerea</i>	Grey Willow	0	g
1852	<i>Schoenoplectus tabernaemontani</i>	Grey Club-rush	0	b
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	b
2111	<i>Typha latifolia</i>	Bulrush	0	o

Machynys Peninsula Golf & Country Club TN04

Infrequently mown (once or twice per year) neutral grassland on north side of Machynys Pond SSSI. Six flowering stems of Bee Orchid.

Grid ref. : **21/5121- 9813-** Record date : **26/06/2019**

Habitat : **B2 - Neutral grassland**

Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
607	<i>Dactylis glomerata</i>	Cock's-foot	0	o
612	<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	0	r
813	<i>Schedonorus arundinaceus</i>	Tall Fescue	0	b
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	b
1114	<i>Lathyrus nissolia</i>	Grass Vetchling	0	g
1250	<i>Medicago lupulina</i>	Black Medick	0	b
1382	<i>Ophrys apifera</i>	Bee Orchid	0	6

Machynys Peninsula Golf & Country Club TN05

Quite extensive area of infrequently mown (once or twice per year) neutral grassland inside western boundary of course. Three flowering stems of Bee Orchid and several stands of Southern Marsh-orchid in this vicinity.

Grid ref. : **21/5084- 9782-** Record date : **26/06/2019**

Habitat : **B2 - Neutral grassland**

Observer : **RD Pryce KAPryce**

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Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
612	<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	0	b
813	<i>Schedonorus arundinaceus</i>	Tall Fescue	0	b
1116	<i>Lathyrus pratensis</i>	Meadow Vetchling	0	g
1265	<i>Melilotus altissimus</i>	Tall Melilot	0	g
1382	<i>Ophrys apifera</i>	Bee Orchid	0	3
1465	<i>Phragmites australis</i>	Common Reed	0	o
1584	<i>Potentilla anserina</i>	Silverweed	0	g
2087	<i>Trifolium medium</i>	Zigzag Clover	0	r
2191	<i>Vicia hirsuta</i>	Hairy Tare	0	r

Group 15: Lepidoptera

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
170	<i>Zygaena trifolii</i>	Five-spot Burnet	0	1



TN05 Southern Marsh-orchid

Machynys Peninsula Golf & Country Club TN06

Quite extensive area of infrequently mown (once or twice per year) neutral grassland inside western boundary of course. Large population of Common Broomrape in this vicinity stretching away eastwards.

Grid ref. : **21/5114- 9755-** Record date : **26/06/2019**Habitat : **B2 - Neutral grassland**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
572	<i>Crepis capillaris</i>	Smooth Hawk's-beard	0	o
824	<i>Festuca rubra agg.</i>	Red Fescue	0	g
1006	<i>Hypericum maculatum</i>	Imperforate St John's-wort	0	g

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1116	<i>Lathyrus pratensis</i>	Meadow Vetchling	0	o
1403	<i>Orobancha minor</i>	Common Broomrape	0	b
1440	<i>Pastinaca sativa sens. lat.</i>	Parsnip	0	o
2092	<i>Trifolium repens</i>	White Clover	0	g
2189	<i>Vicia cracca</i>	Tufted Vetch	0	b
Group 15: Lepidoptera				
Code	Scientific Name	Vernacular Name	Bioscore	Species Status
1627	<i>Coenonympha pamphilus</i>	Small Heath	0	1



TN06 Common Broomrape

Machynys Peninsula Golf & Country Club TN07

Tall fen vegetation on western edge of Penrhynwyn Pond. One purple-coloured plant of Japanese Rose established in reedbed. Regrowing cut Grey Willow at this location.

Grid ref. : 21/5136- 9751- Record date : 26/06/2019

Habitat : F22 - Inundation community (variable water table)

Observer : RD Pryce KAPryce

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
33	<i>Elytrigia repens agg.</i>	Common Couch	0	g
40	<i>Agrostis capillaris</i>	Common Bent	0	g
169	<i>Arrhenatherum elatius</i>	False Oat-Grass	0	b
467	<i>Cerastium fontanum</i>	Common Mouse-ear	0	g
515	<i>Cirsium arvense</i>	Creeping Thistle	0	g
712	<i>Equisetum arvense</i>	Field Horsetail	0	b
763	<i>Eupatorium cannabinum</i>	Hemp-agrimony	0	o
824	<i>Festuca rubra agg.</i>	Red Fescue	0	b
873	<i>Galium aparine</i>	Cleavers	0	r

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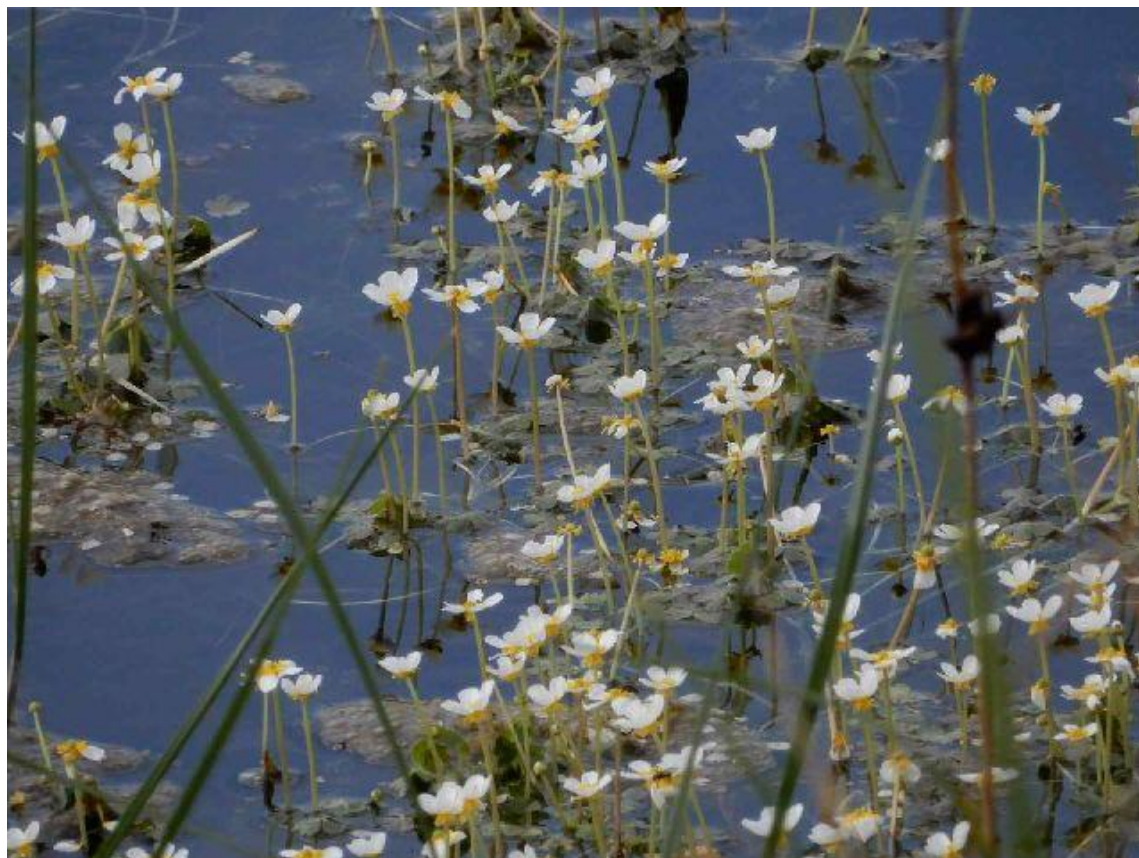
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	g
1070	<i>Juncus inflexus</i>	Hard Rush	0	g
1116	<i>Lathyrus pratensis</i>	Meadow Vetchling	0	o
1250	<i>Medicago lupulina</i>	Black Medick	0	o
1265	<i>Melilotus altissimus</i>	Tall Melilot	0	r
1272	<i>Mentha aquatica</i>	Water Mint	0	g
1465	<i>Phragmites australis</i>	Common Reed	0	b
1507	<i>Poa trivialis</i>	Rough Meadow-grass	0	r
1584	<i>Potentilla anserina</i>	Silverweed	0	o
1594	<i>Potentilla reptans</i>	Creeping Cinquefoil	0	r
1625	<i>Pulicaria dysenterica</i>	Common Fleabane	0	o
1651	<i>Ranunculus flammula</i>	Lesser Spearwort	0	o
1660	<i>Ranunculus repens</i>	Creeping Buttercup	0	o
1716	<i>Rosa rugosa</i>	Japanese Rose	0	r
1786	<i>Salix cinerea subsp. oleifolia</i>	Rusty Willow	0	o
1789	<i>Salix cinerea</i>	Grey Willow	0	o
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	b
1865	<i>Scrophularia auriculata</i>	Water Figwort	0	r
2189	<i>Vicia cracca</i>	Tufted Vetch	0	r

Machynys Peninsula Golf & Country Club TN08

Tall fen and aquatic vegetation at north-western edge of Penrhyngwyn Pond.

Grid ref. : **21/5139- 9760-** Record date : **26/06/2019**Habitat : **F22 - Inundation community (variable water table)**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10



TN08 Pond Water-crowfoot

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Record of plants recorded on 26th June 2019**Group 1: Vascular Plants**

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
396	<i>Carex otrubae</i>	False Fox-sedge	0	r
763	<i>Eupatorium cannabinum</i>	Hemp-agrimony	0	o
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	g
1067	<i>Juncus effusus</i>	Soft-rush	0	o
1219	<i>Lycopus europaeus</i>	Gypsywort	0	g
1265	<i>Melilotus altissimus</i>	Tall Melilot	0	g
1584	<i>Potentilla anserina</i>	Silverweed	0	g
1651	<i>Ranunculus flammula</i>	Lesser Spearwort	0	o
1742	<i>Rumex crispus</i>	Curled Dock	0	r
1852	<i>Schoenoplectus tabernaemontani</i>	Grey Club-rush	0	o
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	b
2189	<i>Vicia cracca</i>	Tufted Vetch	0	o
1643.2	<i>Ranunculus peltatus</i>	Pond Water-crowfoot	0	b

Machynys Peninsula Golf & Country Club TN09

Closely mown neutral grassland near the north-eastern edge of Penrhynwyn Pond. Large population (c.10m x 10m) of Slender Trefoil

with a small patch of Lesser Trefoil growing with it

Grid ref. : **21/5145- 9754-** Record date : **26/06/2019**

Habitat : **B2 - Neutral grassland**

Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
231	<i>Bellis perennis</i>	Daisy	0	o
824	<i>Festuca rubra</i> agg.	Red Fescue	0	b
907	<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	0	r
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	g
2081	<i>Trifolium dubium</i>	Lesser Trefoil	0	o
2088	<i>Trifolium micranthum</i>	Slender Trefoil	0	b
2516	<i>Vicia sativa</i>	Common Vetch	0	r



TN08 Slender Trefoil

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Record of plants recorded on 26th June 2019**Machynys Peninsula Golf & Country Club TN10**

Marginal tall-fen vegetation and scrub at the north-eastern edge of Penrhyngwyn Pond.

Grid ref. : **21/5145- 9753-** Record date : **26/06/2019**Habitat : **F22 - Inundation community (variable water table)**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
169	<i>Arrhenatherum elatius</i>	False Oat-Grass	0	g
396	<i>Carex otrubae</i>	False Fox-sedge	0	r
515	<i>Cirsium arvense</i>	Creeping Thistle	0	r
597	<i>Cynosurus cristatus</i>	Crested Dog's-tail	0	o
712	<i>Equisetum arvense</i>	Field Horsetail	0	r
763	<i>Eupatorium cannabinum</i>	Hemp-agrimony	0	o
824	<i>Festuca rubra</i> agg.	Red Fescue	0	b
882	<i>Galium palustre</i>	Marsh-bedstraw	0	r
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	g
1067	<i>Juncus effusus</i>	Soft-rush	0	o
1070	<i>Juncus inflexus</i>	Hard Rush	0	g
1116	<i>Lathyrus pratensis</i>	Meadow Vetchling	0	r
1194	<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	0	r
1265	<i>Melilotus altissimus</i>	Tall Melilot	0	g
1272	<i>Mentha aquatica</i>	Water Mint	0	b
1617	<i>Prunus spinosa</i>	Blackthorn	0	b
1625	<i>Pulicaria dysenterica</i>	Common Fleabane	0	g
1642	<i>Ranunculus acris</i>	Meadow Buttercup	0	r
1741	<i>Rumex conglomeratus</i>	Clustered Dock	0	r
1786	<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Rusty Willow	0	g
1789	<i>Salix cinerea</i>	Grey Willow	0	g
1852	<i>Schoenoplectus tabernaemontani</i>	Grey Club-rush	0	b
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	b
2126	<i>Urtica dioica</i>	Common Nettle	0	o
2189	<i>Vicia cracca</i>	Tufted Vetch	0	r
3587	<i>Rubus armeniacus</i>	'Himalayan Giant'	0	g
1643.2	<i>Ranunculus peltatus</i>	Pond Water-crowfoot	0	g

Machynys Peninsula Golf & Country Club TN11Three Pyramidal Orchid plants in infrequently mown neutral grassland. Grid ref. : **21/5181- 9807-**Record date : **26/06/2019**Habitat : **B2 - Neutral grassland**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
98	<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	0	3

Machynys Peninsula Golf & Country Club TN12

A few pale, sickly-looking Southern Marsh-orchids growing with equally sick-looking plants of other species in narrow (c.5m wide) herbicided swathe of regularly mown neutral grassland adjacent to frequently mown fairway. Tall species such as Tall Fescue and Sea Clubrush grow in adjacent untreated land .

Grid ref. : **21/5210- 9841-** Record date : **26/06/2019**Habitat : **B2 - Neutral grassland**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
381	<i>Carex hirta</i>	Hairy Sedge	0	r
396	<i>Carex otrubae</i>	False Fox-sedge	0	o
612	<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	0	4
675	<i>Eleocharis palustris</i>	Common Spike-rush	0	g

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813	<i>Schedonorus arundinaceus</i>	Tall Fescue	0	b
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	g
2081	<i>Trifolium dubium</i>	Lesser Trefoil	0	g
2091	<i>Trifolium pratense</i>	Red Clover	0	o



TN12 Southern Marsh-orchid surviving in herbicided strip at edge of fairway

Machynys Peninsula Golf & Country Club TN13

Seasonally wet, dune-slack-like neutral grassland habitat in shallow hollow, infrequently mown.

Grid ref. : **21/5222- 9844-** Record date : **26/06/2019**Habitat : **B2 - Neutral grassland**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
40	<i>Agrostis capillaris</i>	Common Bent	0	b
376	<i>Carex flacca</i>	Glaucous Sedge	0	r
397	<i>Carex leporina</i>	Oval Sedge	0	r
597	<i>Cynosurus cristatus</i>	Crested Dog's-tail	0	o
612	<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	0	g
692	<i>Epilobium hirsutum</i>	Great Willowherb	0	g
813	<i>Schedonorus arundinaceus</i>	Tall Fescue	0	g
824	<i>Festuca rubra</i> agg.	Red Fescue	0	a
1070	<i>Juncus inflexus</i>	Hard Rush	0	b
1363	<i>Oenanthe crocata</i>	Hemlock Water-dropwort	0	g
1625	<i>Pulicaria dysenterica</i>	Common Fleabane	0	g
2034	<i>Taraxacum</i> agg.	Dandelion	0	r

Machynys Peninsula Golf & Country Club TN14

Species-rich banks of narrow sinuous drainage channel and Ivy-leaved Duckweed abundant over water surface.

Grid ref. : **21/52329 98460** Record date : **26/06/2019**Habitat : **F22 - Inundation community (variable water table)****Richard & Kath Pryce**

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Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
396	<i>Carex otrubae</i>	False Fox-sedge	0	r
1128	<i>Lemna trisulca</i>	Ivy-leaved Duckweed	0	b
1563	<i>Potamogeton crispus</i>	Curled Pondweed	0	f
1663	<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	0	r
2167	<i>Veronica catenata</i>	Pink Water-speedwell	0	r

Machynys Peninsula Golf & Country Club TN15

One Bee Orchid in tall, unmown grass dominated by Tall Fescue on south side of fairway.

Grid ref. : **21/5236- 9843-** Record date : **26/06/2019**Habitat : **B2 - Neutral grassland**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
813	<i>Schedonorus arundinaceus</i>	Tall Fescue	0	d
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	o
1183	<i>Lolium perenne</i>	Perennial Rye-grass	0	o
1194	<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	0	r
1382	<i>Ophrys apifera</i>	Bee Orchid	0	1
1507	<i>Poa trivialis</i>	Rough Meadow-grass	0	o

Machynys Peninsula Golf & Country Club TN16

Pill adjacent to and east of 'causeway' carrying track, with open water and species-rich marginal and bank vegetation. Several plants of Lesser Water-parsnip and also marginal Fool's Water-cress.

Grid ref. : **21/5242- 9855-** Record date : **26/06/2019**Habitat : **G115 - Eutrophic Canals and Ditches**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
63	<i>Alisma plantago-aquatica</i>	Water-plantain	0	o
137	<i>Apium nodiflorum</i>	Fool's-water-cress	0	b
169	<i>Arrhenatherum elatius</i>	False Oat-Grass	0	g
234	<i>Berula erecta</i>	Lesser Water-parsnip	0	o
307	<i>Callitriche stagnalis sens. lat.</i>	Common Water-starwort	0	b
396	<i>Carex otrubae</i>	False Fox-sedge	0	g
569	<i>Crataegus monogyna</i>	Hawthorn	0	r
607	<i>Dactylis glomerata</i>	Cock's-foot	0	o
692	<i>Epilobium hirsutum</i>	Great Willowherb	0	g
712	<i>Equisetum arvense</i>	Field Horsetail	0	b
717	<i>Equisetum palustre</i>	Marsh Horsetail	0	o
882	<i>Galium palustre</i>	Marsh-bedstraw	0	o
907	<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	0	r
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	b
1067	<i>Juncus effusus</i>	Soft-rush	0	b
1194	<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	0	o
1265	<i>Melilotus altissimus</i>	Tall Melilot	0	r
1272	<i>Mentha aquatica</i>	Water Mint	0	o
1584	<i>Potentilla anserina</i>	Silverweed	0	g
1642	<i>Ranunculus acris</i>	Meadow Buttercup	0	g
1707	<i>Rosa arvensis</i>	Field-rose	0	r
2091	<i>Trifolium pratense</i>	Red Clover	0	g
2111	<i>Typha latifolia</i>	Bulrush	0	o
2126	<i>Urtica dioica</i>	Common Nettle	0	r
307.2	<i>Callitriche stagnalis</i>	Common Water-starwort	0	b

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Record of plants recorded on 26th June 2019**Machynys Peninsula Golf & Country Club TN17**

Pill west of footbridge and east of TN19016, with open water and species-rich marginal and bank vegetation. Several plants of Lesser Water-parsnip and also Fool's Water-cress. Cetti's Warbler calling from scrub to north. Moorhen and two chicks, presumably from empty nest seen earlier at TN19016.

Grid ref. : **21/5246- 9857-** Record date : **26/06/2019**

Habitat : **G115 - Eutrophic Canals and Ditches**

Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
63	<i>Alisma plantago-aquatica</i>	Water-plantain	0	o
137	<i>Apium nodiflorum</i>	Fool's-water-cress	0	g
169	<i>Arrhenatherum elatius</i>	False Oat-Grass	0	o
234	<i>Berula erecta</i>	Lesser Water-parsnip	0	o
612	<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	0	r
712	<i>Equisetum arvense</i>	Field Horsetail	0	b
882	<i>Galium palustre</i>	Marsh-bedstraw	0	g
907	<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	0	r
1067	<i>Juncus effusus</i>	Soft-rush	0	o
1070	<i>Juncus inflexus</i>	Hard Rush	0	b
1126	<i>Lemna minor</i>	Common Duckweed	0	o
1272	<i>Mentha aquatica</i>	Water Mint	0	o
1319	<i>Myosotis laxa</i>	Tufted Forget-me-not	0	r
1570	<i>Potamogeton natans</i>	Broad-leaved Pondweed	0	o
1852	<i>Schoenoplectus tabernaemontani</i>	Grey Club-rush	0	g
2126	<i>Urtica dioica</i>	Common Nettle	0	o

Group 37: Birds

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
424	<i>Gallinula chloropus</i>	Common Moorhen	0	3
1220	<i>Cettia cetti</i>	Cetti's Warbler	0	1

Group 11: Odonata

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
801	<i>Ischnura elegans</i>	Blue-tailed Damselfly	0	A.....
1007	<i>Coenagrion puella</i>	Azure Damselfly	0	B.....
2101	<i>Brachytron pratense</i>	Hairy Dragonfly	50	A.....



TN17 Lesser Water-parsnip on north bank of pill

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Record of plants recorded on 26th June 2019**Machynys Peninsula Golf & Country Club TN18**

Area of low scrub with 10 bee hives concealed within it.

Grid ref. : **21/5220- 9849-** Record date : **26/06/2019**Habitat : **A22 - Scattered scrub**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
515	<i>Cirsium arvense</i>	Creeping Thistle	0	o
569	<i>Crataegus monogyna</i>	Hawthorn	0	o
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	b
1183	<i>Lolium perenne</i>	Perennial Rye-grass	0	g
1465	<i>Phragmites australis</i>	Common Reed	0	o
1642	<i>Ranunculus acris</i>	Meadow Buttercup	0	o
1728	<i>Rubus fruticosus</i> agg.	Bramble	0	b

Machynys Peninsula Golf & Country Club TN19

Brief stop to sample waterweed from pill, determined later as Alternate-leaved Water-milfoil, the first record for the Carmarthenshire part of the SS59 10km O.S. square. Specimen to be lodged in National Museum of Wales (NMW).

Grid ref. : **21/5191- 9817-** Record date : **26/06/2019**Habitat : **G115 - Eutrophic Canals and Ditches**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
63	<i>Alisma plantago-aquatica</i>	Water-plantain	0	o
882	<i>Galium palustre</i>	Marsh-bedstraw	0	o
983	<i>Holcus lanatus</i>	Yorkshire-fog	0	b
1272	<i>Mentha aquatica</i>	Water Mint	0	g
1330	<i>Myriophyllum alterniflorum</i>	Alternate Water-milfoil	0	a
1860	<i>Bolboschoenus maritimus</i>	Sea Club-rush	0	p



TN19 Leaf of Alternate Water-milfoil (a new record for the 10km square)

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Record of plants recorded on 26th June 2019

Machynys Peninsula Golf & Country Club TN20

Tall herb vegetation on both sides of track extending to steep banks of drainage ditch under track.

Grid ref. : **21/5180- 9800-** Record date : **26/06/2019**Habitat : **C3 - Tall herb or fern:Not upland spp.rich or Pteridium**Observer : **RD Pryce KAPryce**

Vice county : Carmarthen Altitude : 10

Group 1: Vascular Plants

Code	Scientific Name	Vernacular Name	Bioscore	Species Status
169	<i>Arrhenatherum elatius</i>	False Oat-Grass	0	g
515	<i>Cirsium arvense</i>	Creeping Thistle	0	g
607	<i>Dactylis glomerata</i>	Cock's-foot	0	g
646	<i>Dipsacus fullonum sens. lat.</i>	Wild Teasel	0	r
968	<i>Heracleum sphondylium</i>	Hogweed	0	o
982	<i>Hirschfeldia incana</i>	Hoary Mustard	0	o
1465	<i>Phragmites australis</i>	Common Reed	0	b

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Record of plants recorded on 26th June 2019**Species Lists referring to the whole site collated from the above Target Notes****Group 1: Vascular Plants**

Field records 21

Species recorded 92

Name	Code	Name	No of TNs from which recorded	Status in Carms
<i>Agrostis capillaris</i>	40	Common Bent	2	
<i>Alisma plantago-aquatica</i>	63	Water-plantain	3	
<i>Anacamptis pyramidalis</i>	98	Pyramidal Orchid	2	Coastal, local
<i>Apium nodiflorum</i>	137	Fool's-water-cress	2	
<i>Arrhenatherum elatius</i>	169	False Oat-Grass	5	
<i>Bellis perennis</i>	231	Daisy	1	
<i>Berula erecta</i>	234	Lesser Water-parsnip	2	Coastal, rare
<i>Bolboschoenus maritimus</i>	1860	Sea Club-rush	6	
<i>Butomus umbellatus</i>	288	Flowering-rush	1	Only Carms site
<i>Callitriche stagnalis sens. lat.</i>	307	Common Water-starwort	1	
<i>Callitriche stagnalis</i>	307.2	Common Water-starwort	1	
<i>Carex flacca</i>	376	Glaucous Sedge	1	
<i>Carex hirta</i>	381	Hairy Sedge	1	
<i>Carex leporina</i>	397	Oval Sedge	1	
<i>Carex otrubae</i>	396	False Fox-sedge	6	
<i>Cerastium fontanum</i>	467	Common Mouse-ear	1	
<i>Cirsium arvense</i>	515	Creeping Thistle	4	
<i>Crataegus monogyna</i>	569	Hawthorn	2	
<i>Crepis capillaris</i>	572	Smooth Hawk's-beard	1	
<i>Cynosurus cristatus</i>	597	Crested Dog's-tail	3	
<i>Dactylis glomerata</i>	607	Cock's-foot	3	
<i>Dactylorhiza praetermissa</i>	612	Southern Marsh-orchid	5	
<i>Dipsacus fullonum sens. lat.</i>	646	Wild Teasel	1	
<i>Eleocharis palustris</i>	675	Common Spike-rush	1	
<i>Elytrigia repens agg.</i>	33	Common Couch	1	
<i>Epilobium hirsutum</i>	692	Great Willowherb	2	
<i>Equisetum arvense</i>	712	Field Horsetail	5	
<i>Equisetum palustre</i>	717	Marsh Horsetail	1	
<i>Eupatorium cannabinum</i>	763	Hemp-agrimony	4	
<i>Festuca rubra agg.</i>	824	Red Fescue	6	
<i>Galium aparine</i>	873	Cleavers	1	
<i>Galium palustre</i>	882	Marsh-bedstraw	5	
<i>Geranium dissectum</i>	907	Cut-leaved Crane's-bill	3	
<i>Heracleum sphondylium</i>	968	Hogweed	1	
<i>Hirschfeldia incana</i>	982	Hoary Mustard	1	
<i>Holcus lanatus</i>	983	Yorkshire-fog	10	
<i>Hypericum maculatum</i>	1006	Imperforate St John's-wort	1	
<i>Juncus effusus</i>	1067	Soft-rush	4	
<i>Juncus inflexus</i>	1070	Hard Rush	4	
<i>Lathyrus nissolia</i>	1114	Grass Vetchling	1	Disturbed sites, rare
<i>Lathyrus pratensis</i>	1116	Meadow Vetchling	4	
<i>Lemna minor</i>	1126	Common Duckweed	1	
<i>Lemna trisulca</i>	1128	Ivy-leaved Duckweed	1	Mainly coastal, rare
<i>Linum bienne</i>	1168	Pale Flax	1	New 10km record
				Coastal, rare
<i>Lolium perenne</i>	1183	Perennial Rye-grass	2	

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Lotus pedunculatus	1194	Greater Bird's-foot-trefoil	3	
Lycopus europaeus	1219	Gypsywort	1	Local in fens
Medicago lupulina	1250	Black Medick	3	
Melilotus altissimus	1265	Tall Melilot	5	
Mentha aquatica	1272	Water Mint	5	
Myosotis laxa	1319	Tufted Forget-me-not	1	
Myriophyllum alterniflorum	1330	Alternate Water-milfoil	1	New 10km record mainly upland
Oenanthe crocata	1363	Hemlock Water-dropwort	1	
Ophrys apifera	1382	Bee Orchid	4	mostly coastal, very local
Orobancha minor	1403	Common Broomrape	1	mostly coastal, very local
Pastinaca sativa sens. lat.	1440	Parsnip	1	
Phragmites australis	1465	Common Reed	4	
Poa trivialis	1507	Rough Meadow-grass	2	
Potamogeton crispus	1563	Curled Pondweed	1	widespread but very local
Potamogeton natans	1570	Broad-leaved Pondweed	1	
Potentilla anserina	1584	Silverweed	4	
Potentilla reptans	1594	Creeping Cinquefoil	1	
Prunus spinosa	1617	Blackthorn	1	
Pulicaria dysenterica	1625	Common Fleabane	4	
Ranunculus acris	1642	Meadow Buttercup	3	
Ranunculus flammula	1651	Lesser Spearwort	2	
Ranunculus peltatus	1643.2	Pond Water-crowfoot	2	widespread but very local
Ranunculus repens	1660	Creeping Buttercup	2	
Ranunculus sceleratus	1663	Celery-leaved Buttercup	1	
Rosa arvensis	1707	Field-rose	1	
Rosa rugosa	1716	Japanese Rose	1	Alien invasive
Rubus armeniacus	3587	'Himalayan Giant'	1	Alien invasive
Rubus fruticosus agg.	1728	Bramble	1	
Rumex conglomeratus	1741	Clustered Dock	1	
Rumex crispus	1742	Curled Dock	1	
Salix cinerea subsp.oleifolia	1786	Rusty Willow	3	
Salix cinerea	1789	Grey Willow	3	
Schedonorus arundinaceus	813	Tall Fescue	5	
Schoenoplectus tabernaemontani	1852	Grey Club-rush	4	
Scrophularia auriculata	1865	Water Figwort	1	
Taraxacum agg.	2034	Dandelion	1	
Trifolium dubium	2081	Lesser Trefoil	2	
Trifolium medium	2087	Zigzag Clover	1	
Trifolium micranthum	2088	Slender Trefoil	1	widespread but very local
Trifolium pratense	2091	Red Clover	2	
Trifolium repens	2092	White Clover	1	
Typha latifolia	2111	Bulrush	2	
Urtica dioica	2126	Common Nettle	3	
Veronica catenata	2167	Pink Water-speedwell	1	mostly coastal, very local
Vicia cracca	2189	Tufted Vetch	4	
Vicia hirsuta	2191	Hairy Tare	1	
Vicia sativa	2516	Common Vetch	1	
TotalSpeciesRecords - 211				

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Record of plants recorded on 26th June 2019**Group 11: Odonata**

Field records 1

Species recorded 3

Name	Code	Name	No of TNs from which recorded	Status
Brachytron pratense	2101	Hairy Dragonfly	1	Nationally Notable
Coenagrion puella	1007	Azure Damselfly	1	
Ischnura elegans	801	Blue-tailed Damselfly	1	
TotalSpeciesRecords - 3				

Group 15: Lepidoptera

Field records 2

Species recorded 2

Name	Code	Name	No of TNs from which recorded	Status
Coenonympha pamphilus	1627	Small Heath	1	Section 7
Zygaena trifolii	170	Five-spot Burnet	1	Section 7
TotalSpeciesRecords - 2				

Group 37: Birds

Field records 1

Species recorded 2

Species recorded 2				
Name	Code	Name	No of TNs from which recorded	Status
Cettia cetti	1220	Cetti's Warbler	1	Schedule 1
Gallinula chloropus	424	Common Moorhen	1	
TotalSpeciesRecords - 2				

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