

Natural Resources Wales

The first of April saw the vesting of the new single environmental body for Wales, Natural Resources Wales (NRW). The functions of three organisations which have been active in contributing to the work of the Biodiversity Partnership in Pembrokeshire (Countryside Council for Wales, Environment Agency Wales and Forestry Commission Wales) have been transferred to the new body.

NRW's purpose is to ensure that the natural resources of Wales are sustainably maintained, enhanced and used. The Agency's duties range from protecting the many important, recognised sites protected by statute for nature conservation in our county, to managing woodlands and issuing rod licences for fishing on our rivers.



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Natural
Resources
Wales**

Natural Resource Wales is now the principal adviser to the Welsh Government on the environment, enabling the sustainable development of Wales' natural resources for the benefit of people, the economy and wildlife.

NRW staff will continue to make significant contributions to the work of the Pembrokeshire Biodiversity Partnership as they did in their respective predecessor organisations and we look forward to working closely together in the future.

To find out more, visit the NRW website at:
<http://naturalresourceswales.gov.uk>

Ant Rogers
Biodiversity Implementation Officer

PEMBROKESHIRE BIODIVERSITY PARTNERSHIP



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Willow Blister Fungus

The globally critically endangered fungus Willow Blister, *Cryptomyces maximus*, has been known in the UK for about 200 years, has never been common and now appears exceptionally rare.

As previously reported in this Newsletter it was known from just two European locations: northern Sweden in 2009 and Pembrokeshire in 1987 (with its continuing presence confirmed from 2008 to 2013). The first Pembrokeshire record was made in May 1987 when members of the British Mycological Society discovered the fungus at Dowrog Common.

Surveillance has been carried out by members of the Pembrokeshire Fungus Recording Network (PFRN) since 2008 looking for fruit bodies which are most obvious in late winter (late February/early March).

In 2013 surveillance visits were carried out by PFRN members David Harries (County Fungus Recorder), Jane Hodges (Pembrokeshire Coast National Park Authority Ecologist) and Trevor Theobald (Pembrokeshire County Council Ecologist). In addition to checking for presence/absence and extent of the species at its known locations in north-west Pembrokeshire, other potential sites that support the host species (willows – in particular *Salix atrocinerea*) were visited in an attempt to establish the species' range in the county.

Three of these visits resulted in the discovery of new sites for willow blister - Wildlife Trust of South & West Wales Reserve Llangloffan Fen, Llangloffan Fen National Nature Reserve and WTS&WW Reserve Goodwick Moor.

A provisional assessment by the International Union for the Conservation of Nature categorised the species as Critically Endangered Worldwide (Anon./IUCN 2011), an assessment which was subsequently reinforced by the inclusion of *Cryptomyces maximus* in a list of the 100 most threatened species worldwide

(Baillie & Butcher, 2012).

Willow Blister is classed as Vulnerable in the preliminary UK Red Data List assessment and has been incorporated into the Pembrokeshire Local Biodiversity Action Plan.

The total number of (known) sites **on the entire planet** for this species is now 8, 7 of which are in Pembrokeshire!

Voucher specimens have been collected for DNA analysis and we are hopeful that a potential forthcoming project will enable us to understand more about the ecology and conservation requirements of *Cryptomyces maximus*.

Trevor Theobald

Pembrokeshire County Council



Willow Blister Fungus
Photo: Trevor Theobald



Sea Kayaking in Wales DVD is launched

A new DVD and online film aimed at reconciling sea kayaking with conservation has been produced for all paddlers in Wales.

More and more people are discovering that kayaking on the sea in all its forms is one of the best ways to enjoy the coast, access remote beaches and headlands and catch fish. With spectacular sea cliffs, quiet estuaries and offshore islands, Wales offers world-class opportunities for all forms of sea kayaking, from short family trips on 'sit on top' kayaks, to multi day expeditions in advanced sea kayaks in challenging waters.

The Welsh coastline is internationally important for its marine and coastal wildlife with vast colonies of cliff-nesting sea birds, Atlantic grey seals and many species of cetaceans - all of which are protected by law from disturbance. Much of the coastline and many marine environments are protected as Special Areas of Conservation.

Tom Luddington from the Pembrokeshire Outdoor Charter group said *"This short film has been produced for all paddlers to raise awareness about some of the fantastic marine wildlife that you are likely to see here in Wales, to encourage you to get out there and enjoy it, but also to get some advice from the experts not only on how to stay safe, but on how to make sure that we plan ahead to minimise disturbance to wildlife."* Some parts of the coast in Wales, especially the offshore islands, are so important for wildlife that restrictions are in place on where you can land and explore to protect the wildlife from disturbance.

2000 hard copies of the DVD will be distributed to kayaking centres, clubs and retail outlets, and an online version can be viewed on the Pembrokeshire Outdoor Charter website.



For more information on the Sea Kayaking in Wales DVD or to watch online / order a copy visit <http://www.pembrokeshireoutdoors.org.uk/news/> or contact the Outdoor Charter officer on 01646 696134 or email: pcf@mhpa.co.uk

Jodie McGregor
Pembrokeshire Coastal Forum

The Bee Scheme

The (Ex) Countryside Council for Wales piloted a habitat management scheme in Pembrokeshire, focussed on the needs of both honeybees and wild bees. In the pilot (known as "the Bee Scheme") individual fields or clusters of fields were targeted for 'bee-friendly' conservation management. These were associated with existing or new apiaries, or sites with important wild bee populations.

Bee-friendly management practices were chosen from a range of options. These included meadow management for nectar plants, rough grass areas for bumble bee nests, creation of pools, earth banks and dead wood for



Carder Bee
Photo: Jon Hudson



mining bees, and the sowing of nectar-rich plants on the margins of arable fields.

Only a small number of management agreements were produced (due to a limited budget for spending on non-designated sites) in association with beekeepers and farmers. Agreements were for a period of 5 years and payments were targeted to reflect the increased costs to the landowner of adjusting management practices. Associated costs, such as fencing around apiaries, were eligible for payment.

Had the project developed further it would also have aimed to assist new beekeepers in locating suitable new sites for apiaries and run open days and training events.

There were plans to develop a branding for honey from project sites to add value to honey produced in conservation friendly ways, thus improving the long term viability of the initiative.

Taking a broader view the scheme contributed to a number of Welsh Government priorities. A large number of high quality grassland sites lie outside the network of protected sites and often occur as small, isolated fields/clusters and as such often do not go into Agri-Environment Schemes. The Bee Scheme helped make such

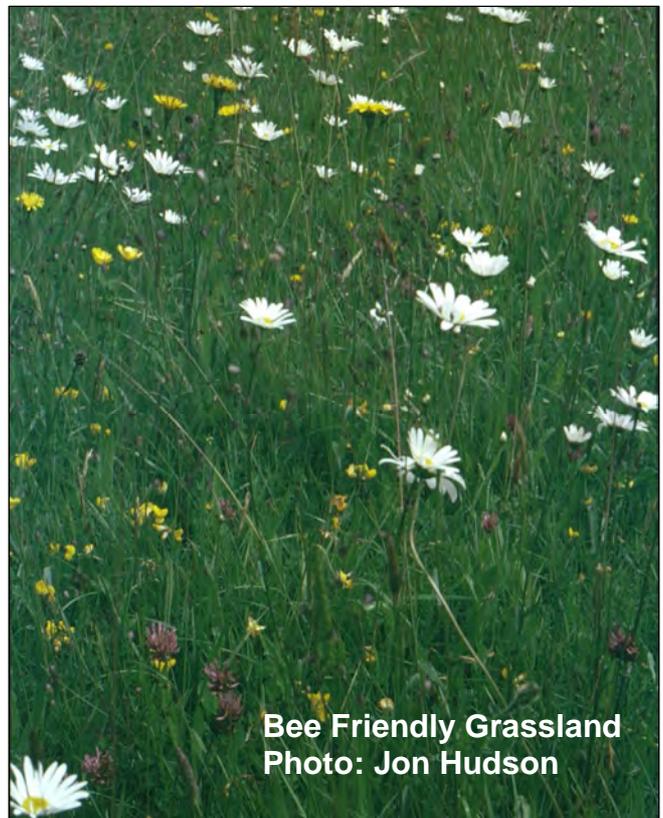
grasslands more valued and economically viable and also provided a practical demonstration of the 'ecosystems goods and services' approach.

The scheme aimed particularly to promote *Apis mellifera mellifera* the native honeybee also known as the "Welsh Black" honey bee - with obvious connections to Welsh farming, cattle and grassland management.

Conservation Officers at the newly created Natural Resources Wales would be interested in hearing from anyone who owns or manages suitable sites and would be interested in managing their land for Bees. If there is sufficient interest, it may be possible to resurrect the scheme to provide valuable help for the County's Bee population.

If you are interested in getting involved and would like more information, contact Jon Hudson, Senior Conservation Officer, Natural Resources Wales (01646 624000).

Jon Hudson
Natural Resources Wales



Bee Friendly Grassland
Photo: Jon Hudson



Amphibians and Reptiles Get a Helping Hand

Dowrog Common (a 242 acre nature reserve just outside St Davids in Pembrokeshire) has recently benefitted from funding to create a network of new ponds and scrapes. Most of the monies for these works came from Amphibian & Reptile Conservation although a generous donation from the Really Wild Festival (a local community led organisation) enabled the project to go that little bit further.

A total of eight new areas of open water have been created at different locations on the reserve, the main aim being to provide more suitable habitats for species such as frogs, toads, newts, adder and grass snake. Aquatic plant species will also benefit from these works and rarities such as three-lobed water-crowfoot and pillwort, which already exist on the Common, can now hopefully extend their distribution. Spoil from these excavations was kept on site to create banks with a southerly aspect, providing ideal basking spots for reptiles such as the adder and common lizard.

New Habitat at Dowrog Common
Photo: Nathan Walton



The work took four days to complete and a tracked JCB with a brave driver was all that was needed. I say brave as some parts of the reserve were considerably wetter than anticipated! None-the-less, we now have a good number of pools on the reserve which



Work underway on the Common
Photo: Nathan Walton

will go some way to enhancing the flora and fauna dependent upon them.

Nathan Walton

Wildlife Trust Officer for Pembrokeshire

Ash Dieback Disease: Update

Further to the article in the last newsletter, Ash Dieback has been identified at three sites in Pembrokeshire at the time of writing. All were new planting sites and have been dealt with under the Food and Environment Research Agency's guidelines.

Pembrokeshire County Council are planning to look back at all planting schemes under their control since 2009 as a precautionary measure and other landowners are asked to be vigilant.

For more information, see: <http://www.fera.defra.gov.uk/plants/plantHealth/pestsDiseases/chalaraInfo.cfm>

Ant Rogers

Biodiversity Implementation Officer



PBP Gathering 2013

On 19th April, the Pembrokeshire Biodiversity Partnership held its annual meeting. This was a chance for the organisations and individuals who contribute to the work of the Partnership to meet and update each other on their work in the past year.

Formal updates were given by the Biodiversity Implementation Officer, Wildlife Trust of South and West Wales, Pembrokeshire County Council, Seasearch Pembrokeshire, Natural Resources Wales, Pembrokeshire Coast National Park Authority, The National Trust and the Wales Biodiversity Partnership. There was also a presentation from Mark Barber of the Amphibian and Reptile Conservation Trust about their projects in West Wales.

The annual event helps to focus attention amongst individuals and organisations with a biodiversity conservation interest on coordinating existing and instigating new actions to contribute towards the aims of the Local Biodiversity Action Plan (LBAP) to protect and enhance biodiversity in Pembrokeshire.

If you would like to know more, or feel you can contribute to the work of the Partnership, please contact Ant Rogers, Biodiversity Implementation Officer on 01437 764551 or anthony.rogers@pembrokeshire.gov.uk

Ant Rogers

Biodiversity Implementation Officer



Cllr Huw George Opening the Event.
Photo: Trevor Theobald

Garden Survey 2013

Gardens can offer a fantastic biodiversity resource. They provide stepping stones in urban areas which can be used by mobile species to move between suitable areas of habitat and often they contain a wide range of habitats such as water features, shrub borders, flower borders, stone and log piles, compost heaps and sheds / buildings. These can support a wide range of flora and fauna. It is estimated that the average wildlife garden can support in the order of 3,000 species. With over 15 million domestic gardens in the UK (some 3% of the land area), the potential for gardens to contribute to biodiversity conservation efforts becomes apparent.

The problem is, there is a paucity of information available on which species occur in domestic gardens in Pembrokeshire. This is where you can help!

The Wildlife Trust of South and West Wales has just launched its Pembrokeshire Garden Survey in conjunction with Pembrokeshire Biodiversity Partnership. The simple survey form can be found at the back of this newsletter, can be downloaded from: <http://www.welshwildlife.org/> or requested in hard copy format from Nathan Walton, Wildlife Trust Officer, Welsh Wildlife Centre, Cilgeran, Pembrokeshire, SA43 2TB. It only takes a short while to complete and provides links to easy to use identification guides if you're not sure what you've found.

The resulting data will be analysed to help guide actions to meet the targets of our Urban / Brown Field Habitat Action Plan.

Go on, get involved!

Ant Rogers

Biodiversity Implementation Officer.



New Development Plan for Pembrokeshire County Council

The Local Development Plan (LDP) for the Pembrokeshire County Council area (excluding the area of the National Park which has a separate Local Development Plan) was adopted by Full Council resolution on the 28th February 2013. The adopted LDP forms the basis for decision making on land use planning and includes policies on the protection and enhancement of biodiversity and the natural environment. Sustainable development is an overarching principle crucial to the Plan's implementation.

The Council is working on a final version of the LDP text and maps for publication, however a working version of the text incorporating the changes recommended in the Inspector's Report is available online at: <http://www.pembrokeshire.gov.uk/content.asp?id=27072&language=>

Once published, copies of the adopted LDP and all the other relevant documents will be available for inspection free of charge at:

- County Hall Main Reception, Freeman's Way, Haverfordwest (9am to 5pm, Monday to Friday); and
- Council Customer Service Centres at Milford Haven, Fishguard, Haverfordwest, Pembroke Dock and Neyland and local libraries at Crymych, Fishguard, Haverfordwest, Milford Haven, Narberth, Newport, Neyland, Pembroke, Pembroke Dock, Saundersfoot, St. Davids, Tenby, Cardigan and Whitland, during their normal opening hours.

CD copies of the Plan will also be made available free of charge in due course. If you would like more information on the Plan, please contact Development Plans: ldp@pembrokeshire.gov.uk

Michelle Webber
Pembrokeshire County Council



Guide to Waxcaps in Pembrokeshire

The Pembrokeshire Fungus Recording Network (PFRN) have developed a key to these interesting and distinctive fungi in our County. The easy to use, illustrated guide can be used as a handy reference for the keen amateur, or as a tool to engage people in the monitoring and recording of these

species. The first print run was limited due to expected minor taxonomic revisions resulting from planned DNA work this year. The key will be made more readily available in due course. For more information, visit: <http://www.pembsfungi.org.uk/>

Ant Rogers
Biodiversity Implementation
Officer



Biodiversity Events May



Date	Title	Information	Contact
5 th May	Dawn Chorus Walk. Pembrokeshire Coast National Park Authority.	Get up with the lark in the Gwaun Valley and listen to nature's orchestra. Bring a flask and warm clothing. £5.00 per person. Booking Essential	01834 845040
5 th May	Dawn Chorus Walk. Wildlife Trust of South & West Wales.	Come and join us to celebrate a morning of uplifting birdsong with bird enthusiast Mike Snow and Nathan Walton , Wildlife Trust Officer for Pembrokeshire. The walk will be starting at 4am from Teifi Marshes main car park	01239 621600
6 th May	Twilight at Lamphey Bishop's Palace. Pembrokeshire Coast National Park Authority.	Explore this amazing building and meet its wildlife as the day comes to an end. Fun for all the family. Booking Essential.	01834 845040
7 th May	Walk from Wiseman's Bridge. Wildlife Trust of South & West Wales.	A walk visiting farmland, woodland and coastal habitats starting from Wisemans Bridge	01834 811742
9 th & 10 th May	Wildlife Observer Wales	Seabirds for beginners. Two day course.	0800 9776788
11 th May	Walk Along the River Cleddau. Wildlife Trust of South and West Wales.	A walk along the River Cleddau with the Mid Pembrokeshire Group, from Llawhaden to Gelli.	01348 840617
20 th May	A Walk in the Park: St David's Head. Pembrokeshire Coast National Park Authority.	A six mile, full day out going up, over and along the high points of the St. David's peninsula. A chance to scramble and explore the rocky outcrops	01437 720392
21 st May	Castlemartin Bumblebee Project. Wildlife Trust of South & West Wales.	Sinead Lynch from the Bumblebee Conservation Trust will be telling us about the project and ways in which we can help. Foundry House.	01646 680090
25 th & 26 th May	Bioblitz at Stackpole Estate	24 hour recording event with many experts covering all the main habitats at the site.	01646 661359



Biodiversity Events

May / June



Date	Title	Information	Contact
27 th May	Twilight at Lamphey Bishop's Palace. Pembrokeshire Coast National Park Authority.	Explore this amazing building and meet its wildlife as the day comes to an end. Fun for all the family. Booking Essential.	01834 845040
28 th May	Brilliant Bats. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls at the Bishop's Palace, St David's. Bring torch. Booking essential.	01834 845040.
29 th May	Crab Catching for Youngsters. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040.
29 th May	Bugs & Beasties at Castell Henllys.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys.	01239 891239
31 st May	Bugs, Beasties, Birds or Blossoms. Pembrokeshire Coast National Park Authority.	Join the hunt around Carew Castle to perhaps track down the hidden creatures that live there, or the birds that use the millpond and waterway or flowers that grow around the site.	01646 651782
6 th – 8 th June	Wildlife Observer Wales	Seabird monitoring.	0800 9776788
8 th – 16 th June	Wales Biodiversity Week	Look out for events this week. Check out our Facebook page or contact Ant Rogers.	01437 764551
15 th June	Bumblebee ID Day	Bumblebee ID at Scolton Manor with Sinead Lynch. Booking essential.	01437 764551
16 th June	Walk in Stackpole Warren. Wildlife Trust of South and West Wales.	A walk at Stackpole Warren with Bob Haycock.	01348 840617
23 rd June	In the River for Youngsters. Pembrokeshire Coast National Park Authority.	A chance to get in close and find out about river life at Solva. Bring your own nets, wear wellies or jellies for a walk up the riverbed. Children must be accompanied by an adult.	01348 845040
24 th June	Life at Sea. Pembrokeshire Coast National Park Authority.	Whether on the wing, or by fin or flipper, many creatures visit the Pembrokeshire Coast. Our rangers are experts at spotting what is passing by at any time of the year, and these walks have been designed to give you the clues that make spotting everything from a porpoise to a gannet a little easier.	01834 845040



Biodiversity Events

June / July / August



Date	Title	Information	Contact
26 th – 28 th June	Wildlife Observer Wales	Cetaceans. Three day course.	0800 9776788
29 th June	Crab Catching for Youngsters, Newport. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
30 th June	In the River for Youngsters. Pembrokeshire Coast National Park Authority.	A chance to get in close and find out about river life at Castell Henllys. Bring your own nets, wear wellies or jellies for a walk up the riverbed. Children must be accompanied by an adult.	01348 845040
3 rd July	Early Morning Otter Walk. Pembrokeshire Coast National Park Authority.	A family-friendly, early morning two-mile stroll along the upper reaches of Bosherton Lily Pools in search of the elusive otter	01646 661359
3 rd – 5 th July	Wildlife Observer Wales	Cetaceans. Three day course.	0800 9776788
24 th – 26 th July	Wildlife Observer Wales	Cetaceans. Three day course.	0800 9776788
24 th July	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239
29 th July	Life at Sea. Pembrokeshire Coast National Park Authority.	Walk at St Anne's Head. These walks have been designed to give you the clues that make spotting everything from a porpoise to a gannet a little easier. Booking essential.	01834 845040
30 th July	In the River for Youngsters. Pembrokeshire Coast National Park Authority.	A chance to get in close and find out about river life. Bring your own nets, wear wellies or jellies for a walk up the riverbed. Children must be accompanied by an adult. Booking essential.	01348 845040
31 st July	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239
6 th August	Pond Safari, Freshwater East. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Get up close and personal and discover the fascinating wildlife in the National Park's new pond at Freshwater East. Wellingtons essential.	01834 845040



Biodiversity Events August



Date	Title	Information	Contact
6 th August	Brilliant Bats, Nevern. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01834 845040
7 th August	Early Morning Otter Walk, Stackpole. Pembrokeshire Coast National Park Authority.	A family-friendly, early morning two-mile stroll along the upper reaches of Bosherton Lily Pools in search of the elusive otter.	01646 661359
7 th August	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239
8 th August	Private Life of a Pond, Colby Woodland Garden. Pembrokeshire Coast National Park Authority.	Get up close and personal and discover the fascinating wildlife in Colby's streams and ponds.	01834 811885
12 th August	Life at Sea. Pembrokeshire Coast National Park Authority.	Walk at St Anne's Head. These walks have been designed to give you the clues that make spotting everything from a porpoise to a gannet a little easier. Booking essential.	01834 845040
13 th August	Crab Catching for Youngsters, Porthclais. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
13 th August	In the River for Youngsters. Pembrokeshire Coast National Park Authority.	A chance to get in close and find out about river life at St David's. Bring your own nets, wear wellies or jellies for a walk up the riverbed. Children must be accompanied by an adult.	01348 845040
13 th August	Brilliant Bats, St Brides. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01834 845040
14 th August	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239



Biodiversity Events

August



Date	Title	Information	Contact
14 th August	Crab Catching for Youngsters, St Dogmaels. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
14 th August	Brilliant Bats, Orielton. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01834 845040
16 th August	Bugs, Beasties, Birds or Blossoms. Pembrokeshire Coast National Park Authority.	Join the hunt around Carew Castle to perhaps track down the hidden creatures that live there, or the birds that use the millpond and waterway or flowers that grow around the site.	01646 651782
20 th August	Pond Safari, Freshwater East. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Get up close and personal and discover the fascinating wildlife in the National Park's new pond at Freshwater East. Wellingtons essential.	01834 845040
20 th August	Brilliant Bats, Castell Henllys. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01239 891239
21 st August	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239
21 st August	Crab Catching for Youngsters, Carew Mill. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
21 st August	Brilliant Bats, Orielton. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01834 845040
22 nd August	Private Life of a Pond, Colby Woodland Garden.	Get up close and personal and discover the fascinating wildlife in Colby's streams and ponds. Hands-on activities and family fun all day.	01834 811885

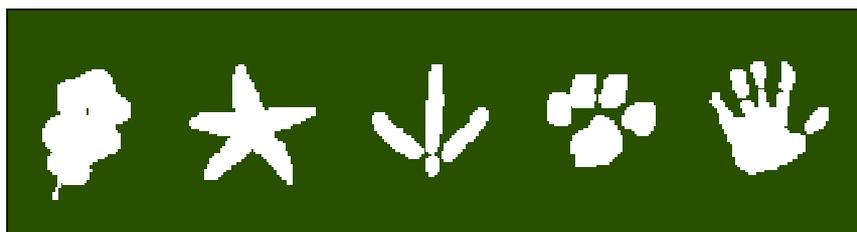


Biodiversity Events

August



Date	Title	Information	Contact
23 rd August	Bugs, Beasties, Birds or Blossoms. Pembrokeshire Coast National Park Authority.	Join the hunt around Carew Castle to perhaps track down the hidden creatures that live there, or the birds that use the millpond and waterway or flowers that grow around the site.	01646 651782
23 rd August	In the River for Youngsters. Pembrokeshire Coast National Park Authority.	A chance to get in close and find out about river life at Fishguard. Bring your own nets, wear wellies or jellies for a walk up the riverbed. Children must be accompanied by an adult.	01348 845040
27 th August	Crab Catching for Youngsters, Porthclais. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
27 th August	Brilliant Bats, St David's. Pembrokeshire Coast National Park Authority.	Family friendly walk to look for bats and listen to their calls on special detectors and to learn about their unusual lifestyles. Bring torch.	01834 845040
28 th August	Bugs & Beasties. Pembrokeshire Coast National Park Authority.	Search for the strange little creatures that make their home in the nooks & crannies of Castell Henllys. Booking advised.	01239 891239
28 th August	Crab Catching for Youngsters, Fishguard. Pembrokeshire Coast National Park Authority.	A great fun activity for all the family. Children must be accompanied. Booking essential.	01834 845040
30 th August	Bugs, Beasties, Birds or Blossoms. Pembrokeshire Coast National Park Authority.	Join the hunt around Carew Castle to perhaps track down the hidden creatures that live there, or the birds that use the millpond and waterway or flowers that grow around the site.	01646 651782



Pembrokeshire *Garden Wildlife Survey*

Welcome to Pembrokeshire Biodiversity Partnerships's Garden Wildlife Survey which aims to discover the hidden wildlife in Pembrokeshire. The Partnership cannot achieve this alone, so we are asking you to get involved in the survey by telling us about the wildlife you see using your garden (e.g. nesting, feeding, etc.). You can find links to identification guides on the next page.

About you

Date:

Name:

Address:

Postcode:

Telephone:

Email:

We will ensure that all personal information is kept strictly confidential and will not be forwarded onto third parties.

About your Garden



Location

Please tick

- Urban Rural Suburban

Garden Habitats

Please tick

- Lawn Wild Area Trees
 Fruit Trees Pond Flower Bed
 Bramble Patch Shrub Compost Bin
 Log Pile Hedge Window Box
 Stone wall Sheds / Garden buildings

Features

How many

- Bird Feeder Bird Nest Box Bat Box
Bumblebee Nest Box Other Insect Nest Box

Activities

How often do you cut the grass? *How many*
times a week times a month times a year

What food do you feed the birds? *Please tick*

- Peanuts Niger seed Wild bird seed mix
 Fat balls Kitchen scraps Sunflower seeds

Do you use slug pellets? Yes No

Do you feed birds all year round? Yes

Just in winter Just in Summer

To help in this survey, simply fill in this form and return to the address at the end. Your input will help us collect valuable information about the status and distribution of important Welsh wildlife right here in Pembrokeshire.

Many thanks

What animals have you seen using your Garden?

Birds

Please tick

- | | |
|--|---|
| <input type="checkbox"/> Grey Heron | <input type="checkbox"/> Sparrow Hawk |
| <input type="checkbox"/> House Martin | <input type="checkbox"/> Swift |
| <input type="checkbox"/> Song Thrush | <input type="checkbox"/> Blackcap |
| <input type="checkbox"/> Long-tailed Tit | <input type="checkbox"/> Blue Tit |
| <input type="checkbox"/> Magpie | <input type="checkbox"/> Jackdaw |
| <input type="checkbox"/> Greenfinch | <input type="checkbox"/> Goldfinch |
| <input type="checkbox"/> Tawny Owl | <input type="checkbox"/> Great Spotted Woodpecker |
| <input type="checkbox"/> Pied Wagtail | <input type="checkbox"/> Grey Wagtail |
| <input type="checkbox"/> Chiffchaff | <input type="checkbox"/> Willow Warbler |
| <input type="checkbox"/> Coal Tit | <input type="checkbox"/> Nuthatch |
| <input type="checkbox"/> Crow | <input type="checkbox"/> Starling |
| <input type="checkbox"/> Bullfinch | <input type="checkbox"/> Goldcrest |
| <input type="checkbox"/> Wren | <input type="checkbox"/> Jay |
| <input type="checkbox"/> Blackbird | <input type="checkbox"/> House Sparrow |
| <input type="checkbox"/> Dunnock | <input type="checkbox"/> Chaffinch |
| <input type="checkbox"/> Robin | <input type="checkbox"/> Great Tit |
| <input type="checkbox"/> Swallow | |

Other please specify:

Mammals

Please tick

- | | |
|---|--|
| <input type="checkbox"/> Wood Mouse | <input type="checkbox"/> House Mouse |
| <input type="checkbox"/> Rat | <input type="checkbox"/> Grey Squirrel |
| <input type="checkbox"/> Badger | <input type="checkbox"/> Vole |
| <input type="checkbox"/> Hedgehog | <input type="checkbox"/> Fox |
| <input type="checkbox"/> Mole | <input type="checkbox"/> Bats in attic |
| <input type="checkbox"/> Bats in garden | |

Other please specify:

Reptiles and Amphibians

Please tick

- | | |
|---------------------------------------|---------------------------------|
| <input type="checkbox"/> Grass Snake | <input type="checkbox"/> Toad |
| <input type="checkbox"/> Palmate Newt | <input type="checkbox"/> Frog |
| <input type="checkbox"/> Adder | <input type="checkbox"/> Lizard |
| <input type="checkbox"/> Slow Worm | |

Bees

Please tick

- Yes No

Butterflies Please tick

- | | |
|--|--|
| <input type="checkbox"/> Large White | <input type="checkbox"/> Small White |
| <input type="checkbox"/> Green-veined White | <input type="checkbox"/> Orange Tip |
| <input type="checkbox"/> Common Blue | <input type="checkbox"/> Painted Lady |
| <input type="checkbox"/> Marbled White | <input type="checkbox"/> Ringlet |
| <input type="checkbox"/> Gatekeeper | <input type="checkbox"/> Comma |
| <input type="checkbox"/> Peacock | <input type="checkbox"/> Red Admiral |
| <input type="checkbox"/> Small Tortoiseshell | <input type="checkbox"/> Speckled Wood |
| <input type="checkbox"/> Brown Hairstreak | |

Other please specify:

Dragonflies & Damselflies

- Yes No

Identification guides:

- Birds: <http://www.rspb.org.uk/wildlife/birdidentifier> / <http://www.birdid.co.uk>
Mammals: http://www.ptes.org/files/296_morid07.pdf
Amphibians & reptiles: <http://www.arc-trust.org/animals>
Butterflies: <http://butterfly-conservation.org/50/identify-a-butterfly.html>

If you have seen other or unusual wildlife in your garden, please use the space below to let us know, or send us a list and/or photograph with your form.

SUBMIT SURVEY

To submit this form by email, please save a copy to your computer and attach it in an email to: info@welshwildlife.org

Alternatively, please return completed form to:
The Pembrokeshire Wildlife Garden Survey,
Wildlife Trust of South and West Wales,
The Welsh Wildlife Centre, Cilgerran,
Pembrokeshire, SA43 2TB

Are you a member of any conservation/ environmental organisation (e.g. Wildlife Trust, RSPB, National Trust)?

- No Yes - please state:

Thank you for your help with this information. The data collected will go some way in determining the variety and abundance of wildlife found in Pembrokeshire's gardens.

The Pembrokeshire Biodiversity Partnership will hold your details only for the purposes of the Pembrokeshire Garden Wildlife Survey. To find out more about the work of the Pembrokeshire Biodiversity Partnership, please visit: http://www.pembrokeshire.gov.uk/content.asp?nav=1626,109,135&parent_directory_id=646 or look for its page on Facebook.

For any further information regarding the survey please contact the Wildlife Trust of South and West Wales on 01239 621212. To find out more about the work of the Wildlife Trust of South and West Wales and membership packages, please visit: www.welshwildlife.org

If you would like to receive a quarterly Biodiversity newsletter for Pembrokeshire via e-mail, please tick this box

All completed garden wildlife forms received by the 15th December 2013 will be entered into a prize draw to win a wildlife gardening pack, including a wildlife gardening book, bird box and feeder.



Biodiversity Newsletters

Mae'r cylch-lythyr hwn ar gael yng Nghymraeg, cysylltwch â Ant am gopi cymraeg.

PBP would like to thank all those who contributed to this newsletter. If you would like to write an article for the next newsletter please contact Ant.

PBP Contact Details

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anthony.rogers@pembrokeshire.gov.uk

Pembrokeshire Biodiversity website:

www.pembrokeshire.gov.uk (search - biodiversity)

Wales Biodiversity website:

www.biodiversitywales.org.uk

PBP Members



County Landowners Association



Farmers Union of Wales



Farming and Wildlife Advisory Group



Keep Wales Tidy



MANOR HOUSE
Wildlife Park



National Farmers Union – Wales



Natural Resources Wales



Pembroke 21C Community Association Limited



Pembrokeshire County Council



Pembrokeshire Rivers Trust



Pembrokeshire Coast National Park Authority



Pembrokeshire Local Action Network for Enterprise and Development



Prince's Trust Cymru



Royal Society for the Protection of Birds



The National Trust



Llywodraeth Cymru
Welsh Government



The Wildlife Trust of South and West Wales



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