

Instructions – Ffridd Board Game

Players: 2 - 4 players

You will need: Counters, dice, glossary, printed A3 game board and printed cards.

How to play:

- Choose your farm card.
- Place the piles of *management* and *species* cards onto the card holder spaces on the game board.
- Set your counters at the start and roll the dice to move around the board.
- If you land on a space with a *binocular* illustration, pick up a *species* card from the pile. Keep this card safe on your farm card. The number at the top of the species card relates to its rarity score, the rarer the species the more points you collect.
- If you land on a *boots* illustration pick up a *management* card from the pile and read the information. Follow the instructions and replace the card at the bottom of the pile.
- After you have followed the instructions on a management card do not pick up another card, that is the end of your go.
- If you roll a 6 you can have another turn.
- When a player passes the finish (you do not need to roll the exact number to land on the finish) count up the *rarity scores* on the species cards for each player to see who has won.

Glossary – Ffridd Board Game



Gorse



Heather



Bracken

Ffridd habitat – A habitat with a mixture of grass, heathland, bracken, scrub and bushes (often hawthorn and gorse). Sometimes there are rocky and wet areas such as streams, bogs and ponds. Ffridd is often described as a mosaic habitat and is found in between lowland valleys and upland mountain areas.

Wood pasture – Grassland for grazing animals with larger trees in it.

Sapling – A young tree.

Invertebrate – An animal lacking a backbone e.g. spider/insect.

Grazing – When cattle and sheep eat growing plants.

Scrub – Small shrubs and trees.

Heathland – Rough area where heather, gorse and coarse grasses grow.

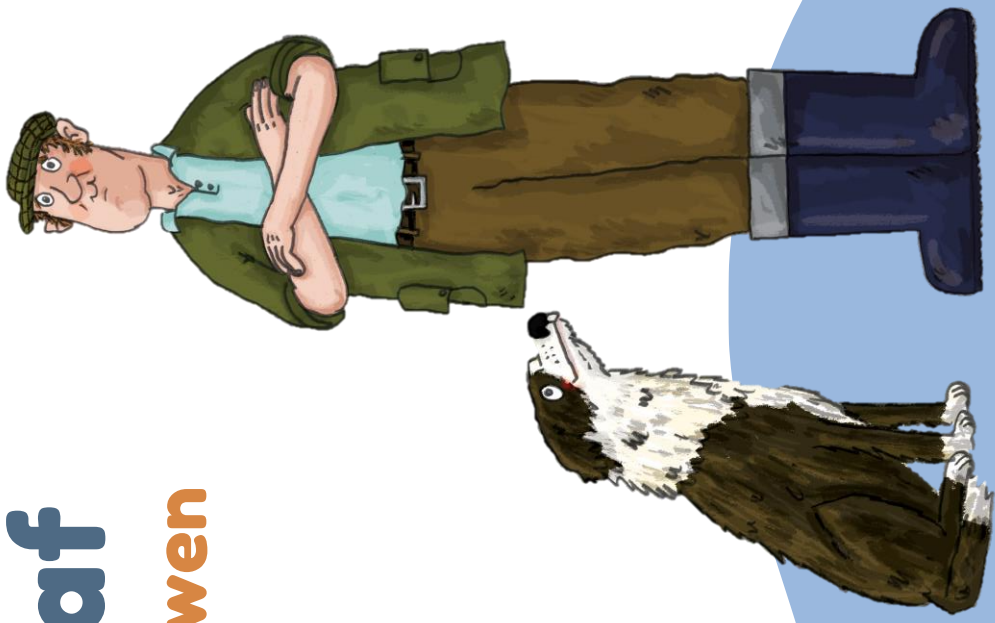
Archaeologist – A person who studies human history and pre-history.

Non-native species – Species which have been introduced into areas outside of where they would naturally be and posing a threat to native wildlife.

Nant Uchaf

Sheep farm, Corwen

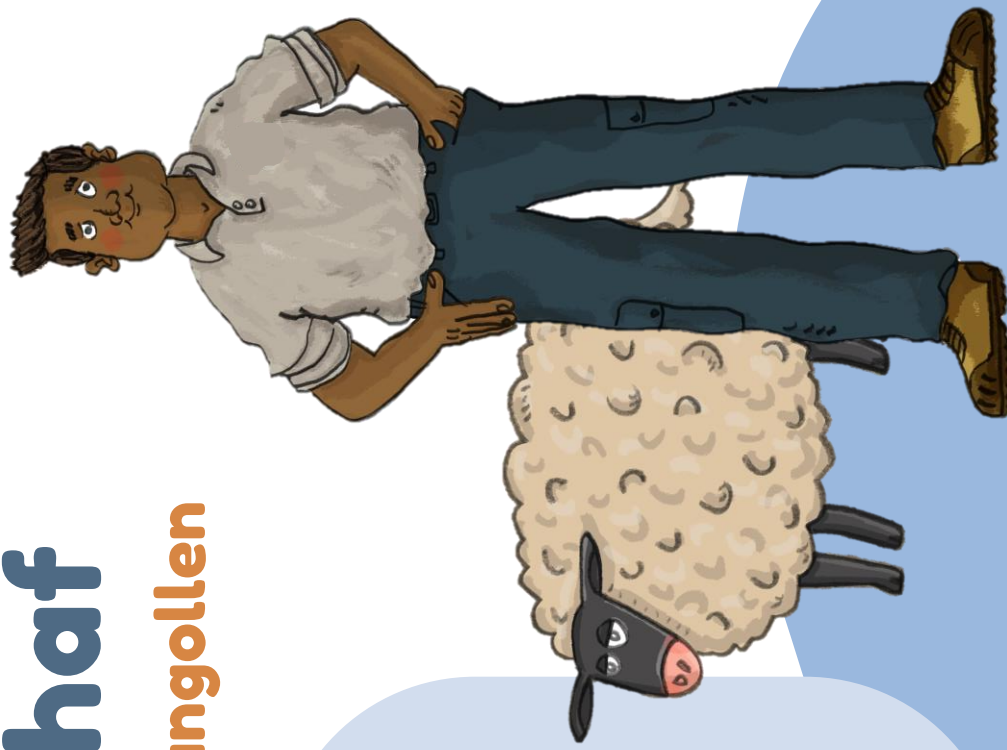
Place your
species cards
here



Cefn Uchaf

Sheep farm, Llangollen

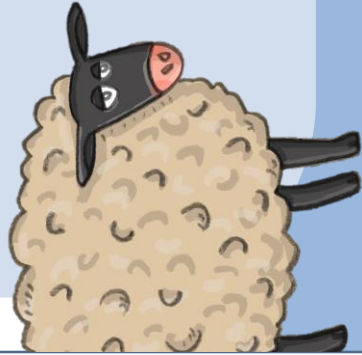
Place your
species cards
here



Pen y Bryn

Mixed farm, Carrog

Place your
species cards
here



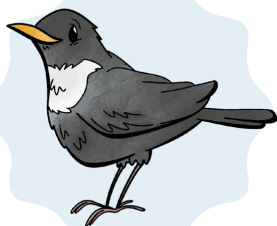
Cae Cymro

Cattle farm, Chirk

Place your
species cards
here



2 **Ring Ouzel**
Turdus torquatus



Congratulations!
You have Ring Ouzel birds
living on your farm.

1 **Peat Moss**
Sphagnum centrale



Congratulations!
You have Peat Moss growing
on your farm.

2 **Yellowhammer**
Emberiza citrinella



Congratulations!
You have Yellowhammer birds
living on your farm.

3 **Adder**
Vipera berus



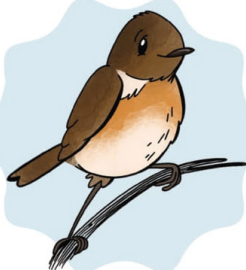
Congratulations!
You have Adders living on
your farm.

2 **Earth Tongue**
Glutinoglossum glutinosum



Congratulations!
You have Earth Tongue fungus
growing on your farm.

1 **Stonechat**
Saxicola rubicola



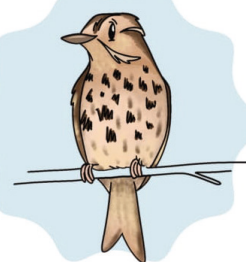
Congratulations!
You have Stonechat birds
living on your farm.

1 **Whinchat**
Saxicola rubetra



Congratulations!
You have Whinchat birds
living on your farm.

1 **Tree Pipit**
Anthus trivialis



Congratulations!
You have Tree Pipit birds
living on your farm.

2 **Scarlet Waxcap**
Hygrocybe coccinea



Congratulations!
You have Scarlet Waxcap fungi
growing on your farm.

2 **Lesser Horseshoe Bat**
Rhinolophus hipposideros



Congratulations!
You have Lesser Horseshoe
Bats living on your farm.

2 **Pearl-bordered Fritillary**
Boloria euphrosyne



Congratulations!
You have Pearl-bordered
Fritillary butterflies living on
your farm.

1 **Wood Bitter-vetch**
Vicia orobus



Congratulations!
You have Wood Bitter-vetch
growing on your farm.

1 **Globe Flower**
Trollius europaeus



Congratulations!
You have Globe Flowers
growing on your farm.

2 **Bog Orchid**
Hammarbya paludosa



Congratulations!
You have Bog Orchid plants
growing on your farm.

1 **Eyebright**
Euphrasia officinalis



Congratulations!
You have Eyebright plants
growing on your farm.

3 **Water Vole**
Arvicola amphibius



Congratulations!
You have Water Voles living
on your farm.

1

**Mountain
Everlasting***Antennaria dioica*

Congratulations!
You have Mountain Everlasting
growing on your farm.

3

**Lesser Butterfly
Orchid***Platanthera bifolia*

Congratulations!
You have Lesser Butterfly
Orchids growing on your farm.

1

**Upright
Chickweed***Moenchia erecta*

Congratulations!
You have Upright Chickweed
growing on your farm.

1

**Shepherd's
Cress***Teesdalia nudicaulis*

Congratulations!
You have Shepherd's Cress
growing on your farm.

1

Hawthorn*Crataegus monogyna*

Congratulations!
You have Hawthorn growing on
your farm.

3

**Welsh
Clearwing Moth***Synanthedon scoliaeformis*

Congratulations!
You have Welsh Clearwing
Moths living on your farm.

1

Lichen*Saxicolous*

Congratulations!
You have Rock Lichen growing
on your farm.

1

Shrew*Sorex araneus*

Congratulations!
You have Shrews living
on your farm.

Great Job!

Your employed a shepherd to move the sheep around the farm and *graze* effectively.

Move forward 1 space!

Great Job!

Your cattle have made gaps and trampled the thick areas of *bracken*.

Move forward 2 spaces!

Great Job!

Your family have farmed with *grazing* animals on this site for centuries. *Archaeologists* can easily see the ancient hill fort on your land.

Move forward 1 space!

Great Job!

Your *grazing* cattle have left space for flowers to grow and seeds to germinate in patches of bare soil.

Move forward 1 space!

Great Job!

Your *grazing* cattle have broken up the ground with their hooves and created good areas for ground nesting birds.

Move forward 2 spaces!

Great Job!

The *grazing* ponies have nibbled back the *gorse* in the winter.

Move forward 1 space!

Great Job!

Your *wood pasture* was grazed in the autumn and the trees are growing well.

Move forward 2 spaces!

Great Job!

You have some patches of *scrub* and *old trees* which are great for birds.

Move forward 1 space!

Great Job!

You have left some dead wood for invertebrates to live in.

Move forward 2 spaces!

Great Job!

By *grazing* with a mix of animals you have created different heights and tufts in the grassland. This is perfect for *invertebrates*.

Move forward 2 spaces!

Great Job!

Your *grazing* cattle have left long tufts of grass for small mammals to shelter beneath.

Move forward 1 space!

Great Job!

Your sheep are agile and can graze the steeper slopes.

Move forward 1 space!

Great Job!

You have chosen to breed hardy *Hebridean sheep*. They eat and control the *scrub* areas naturally.

Move forward 2 spaces!

Great Job!

Your sheep are light weight and don't churn up the soil too much.

Move forward 1 space!

Great Job!

Your *bracken* is growing in thin patches, grass and *flowering violets* are able to grow.

Move forward 2 spaces!

Oh no!

Your sheep have *over grazed* the grass making it too short.

Move back 2 spaces

Oh no!

You have planted too many trees and have lost the important *ffridd* mosaic.

Move back 1 space

Oh no!

You have damaged an old building on your farm which is designated as a *Scheduled Ancient Monument*.

Miss a go

Oh no!

You have damaged an area on your farm which is designated as a *Special Area of Conservation*.

Miss a go

Oh no!

You have damaged an area on your farm which is designated as a *Site of Special Scientific Interest*.

Miss a go

Oh no!

Off road vehicles have disturbed the ground nesting birds.

Move back 1 space

Oh no!

Sheep have broken the fence and eaten your new *saplings*.

Move back 2 spaces

Oh no!

Walkers let their dogs off the lead and have disturbed the ground nesting birds.

Move back 1 space

Oh no!

Walkers have let their dogs off the lead and they chase your *grazing* sheep.

Move back 2 spaces

Oh no!

Your *wood pasture* was grazed too early in the spring and the new *saplings* were eaten.

Move back 1 space

Oh no!

Your farm was *grazed* too much in spring and the early flowers have been eaten.

Move back 2 spaces

Oh no!

All the *heather* on your farm was grazed from the *heathland* during winter.

Move back 1 space

Oh no!

Not enough *grazing* means you have too much *bracken*, *gorse* and *scrub*! You are losing the *heathland* and *unimproved grassland*.

Move back 2 spaces

Oh no!

You have only *grazed* sheep this year and your grassland is too short and not varied in height.

Move back 1 space

Oh no!

Your heavy cattle have trampled too much in one area making it extra muddy and poached.

Move back 2 spaces

Oh no!

The *non-native invasive species* *Rhododendron* is taking over and stopping other plants from growing.

Move back 1 space

Oh no!

The *bracken* is growing too thick and out competing other plants.

Move back 2 spaces

START

FINISH
GORFFEN

YMMOGAETH!
SPEICER

YMMOGAETH!
RHEOLI

