Joseph Morrell

Project Prydyn



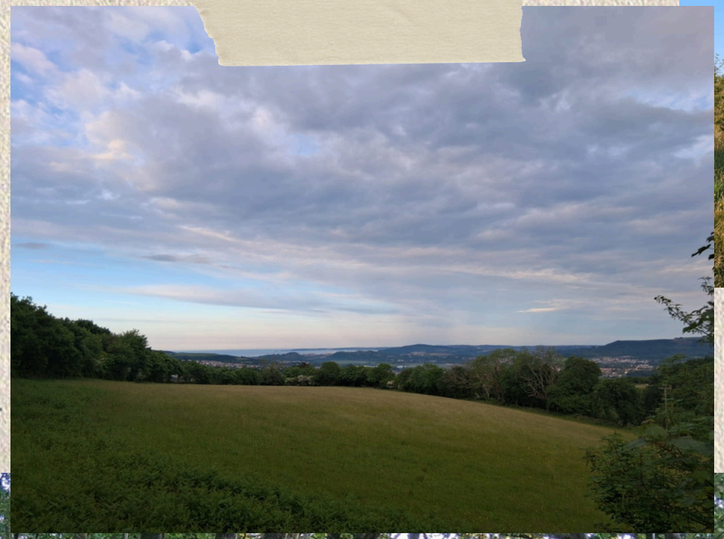


Walking my dog over the hills and through the valleys of Neath/Port Talbot is something i have been doing for a long time, and I absolutely love it. One of my favorite locations is a track through a field of long grass that runs over the top of the mountain leading towards the Gnoll park. There is a small wood that the path carves through that is sheltered and quiet. It is clear that countless species, including humans, have been sheltered in this idyllic place. I know it is my responsibility to protect this area.



The place









More pictures of my area



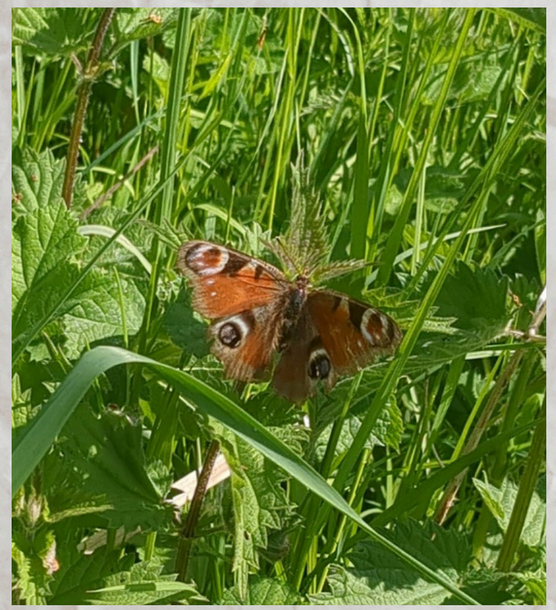




Insects in the area

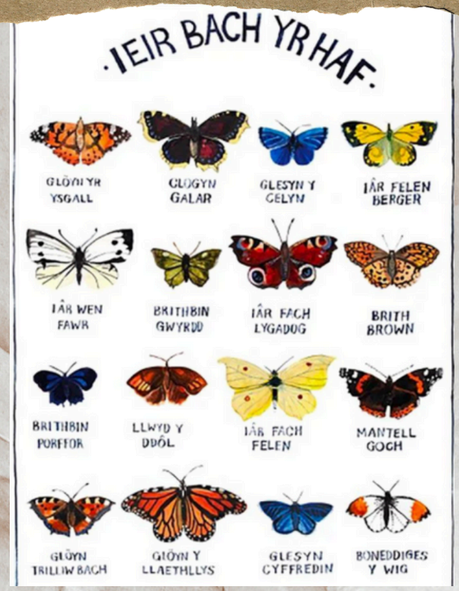
Important Insects

Insects are very important in the UK for several reasons. They help pollinate many of the fruits, vegetables, and flowers we grow, which supports farming and food production. Insects like bees, butterflies, and hoverflies are especially good at this. Others, like ladybirds and beetles, help control pests by eating bugs that harm plants. Insects are also a vital part of the food chain as they provide food for birds, bats, and other wildlife. Insects help break down dead plants and animals, recycling nutrients back into the soil. Without insects, the UK's natural ecosystems would struggle to stay healthy and balanced. This is why I wanted to create a safe environment for insects in the area. An Insect "Hotel".



Beautiful Peacock butterfly that I took a picture of.

some butterflies found in Wales

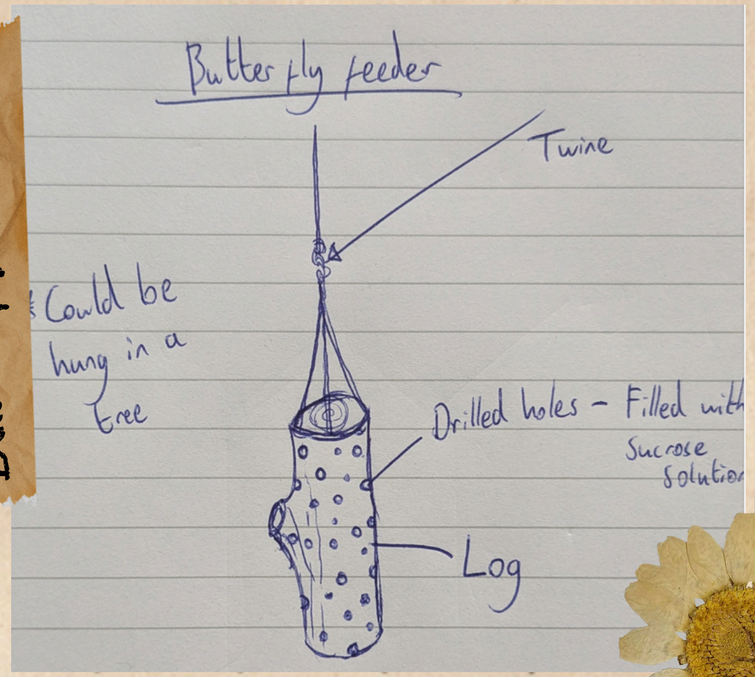


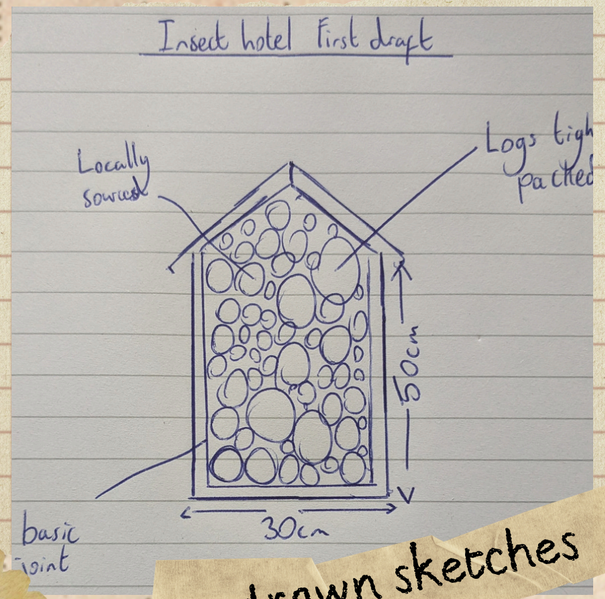
Insect hotels are useful because they give shelter to helpful insects like bees, ladybugs, and beetles. These insects help pollinate plants and control pests, making gardens and wild areas healthier. As natural spaces disappear, insect hotels offer a safe place for insects to live, especially in cities. They also help people, especially children, learn about nature and why insects are important. Overall, insect hotels support the environment and make gardens stronger and more balanced.

The plan

The plans started with rough sketches that were inspired by other insect "hotels" that I had seen online. I knew that I wanted this project to be sustainable, so I collected wood logs from fallen trees. I liked the idea of the materials being sourced from the very place that I wanted to conserve.

Butterfly Feeder





drawn sketches

Cutting the wood



Materials





The planks are treated so that they do not succumb to the elements when left outside.

inspiration for my design that i found online



Finished product



I sawed the planks to my measurements and created a simple rectangular shape that I could pack with logs and other materials, that create the small spaces that are perfect for insects to utilise. I really like how my project turned out. The final insect hotel is rustic, and it blends in well with the natural surroundings.

Final result

