



The twentieth century has seen a sharp decline in the variety of wildflowers in the UK countryside, leading to a decline in certain insect and bird populations. The creation of new meadows in semi-urban settings provide a diversity in planting that attracts insects and other invertebrates (including butterflies, bees, spiders and millipedes), birds and mammals.

Insect hotels, bird and bat boxes will be set up around the site to provide nesting and hibernating sites for important invertebrates such as bumblebees, solitary bees, hoverflies and lacewings.

The variety of planting layers and communities increase the biodiversity of the site, the focus being on native species. An increase in the variety and number of insects will cause an increase in local bird and bat populations. All of this contributes to a healthy ecosystem, both locally within the site and for the village as a whole.

Meadow roof

Benefits:
Land continues to be replaced with impervious surfaces due to population growth and urbanization and the necessity to recover green space is becoming increasingly critical to maintain environmental quality.
reducing runoff and improving water quality
conserve energy mitigate the urban heat island
increase longevity of roofing membranes
reduce noise and air pollution sequester carbon
increase urban biodiversity by providing habitat for wildlife provide a more aesthetically pleasing and healthy environment to work and live

Species to attract:
Barn Owl (Tyto alba),
Greater Horseshoe Bat (Rhinolophus ferrumequinum),
Adonis Blue Butterfly (Polyommatus bellargus)
Short-haired Bumblebee (Bombus subterraneus).
Wildflower-rich meadows can quickly be established in areas disturbed by human activities



- Schwegler 2F.....2no.
- Schwegler 1B.....3no.
- Schwegler Bee box.....4no.
- Schwegler bug nest.....7no.
- Built in Brick Bat Box.....3no.



The Schwegler 2F general purpose bat box is suitable for many situations, and has proven particularly successful for Brown Long-eared Bat (Plecotus auritus)



Warm and weatherproof for winter yet cool and comfortable for young chicks, the Schwegler 1B nestbox is the first choice of birdcare professionals worldwide who insist on performance and durability.



Sergovia Build-in Woodstone Bat Box. This Build-in WoodStone Bat Box has been specifically designed to fit into the cavity of house walls, with the entrance sitting flush with the outside bricks The build in Bat Box is manufactured from hard-wearing WoodStone and plywood with removable side panels so that several boxes can be placed side by side. WoodStone® is a mixture of sawdust from FSC wood sources and concrete, and it is designed to last for years. It is breathable so there will be no problems with condensation and Woodstone maintains a consistent temperature inside, providing excellent insulation for roosting bats.



Schwegler Underground Bumble Bee Box. This box is placed under the soil and is left for the queen to colonise. Being underground it is relatively safe from interference or vandalism and can therefore also be placed outside gardens or on public land without attracting any attention.



Schwegler Solitary bee and Bug Nest fixed to 1.0M high posts

