

Hayberries Special Invertebrate Site

Habitats

Wildflower-rich grassland and bare areas

Areas of short vegetation on sandy soil provide bare areas for nesting and basking, with self-heal, lady's mantle, germander speedwell and tormentil. Nearby stands of hogweed, scabious, knapweed and great burnet support mid- to -late summer species. Within the woodland a sheltered, sandy area with banks of wild strawberry is found.



Woodland

Broadleaf woodland, with species such as oak, ash, wych elm and sycamore, provides structure, foodplants and standing and fallen deadwood. A flower-rich understory includes wild garlic, thistles and red campion with damper areas of meadowsweet.

Pond

A large pond edged with reedmace and broadleaf trees and surrounded by marshy grassland, including butterbur, buttercup and meadowsweet, provides habitat for aquatic invertebrates and species with aquatic and semi-aquatic larval stages.

Species

Damp woodland is used by bug, *Calocoris alpestris* (pictured), ground beetle, *Platynus assimilis*, black snipefly and the blotch-winged hoverfly.



The pond and marshy grassland together supports azure damselfly, golden-bloomed grey longhorn beetles (pictured) and crane fly, *Tipula vernalis*.



Bare areas support wasp, *Anoplius concinnus*, and field digger wasps (pictured), as well as dark-winged blood bees and bug, *Saldula orthochila*.



Woodland is home to coppice mining bees, common red-legged robberflies (pictured) and the regal piercer micro-moth.



Dry grassland is used by cinnamon bugs (pictured), beetle, *Notiophilus substriatus*, and common purple and gold moths.

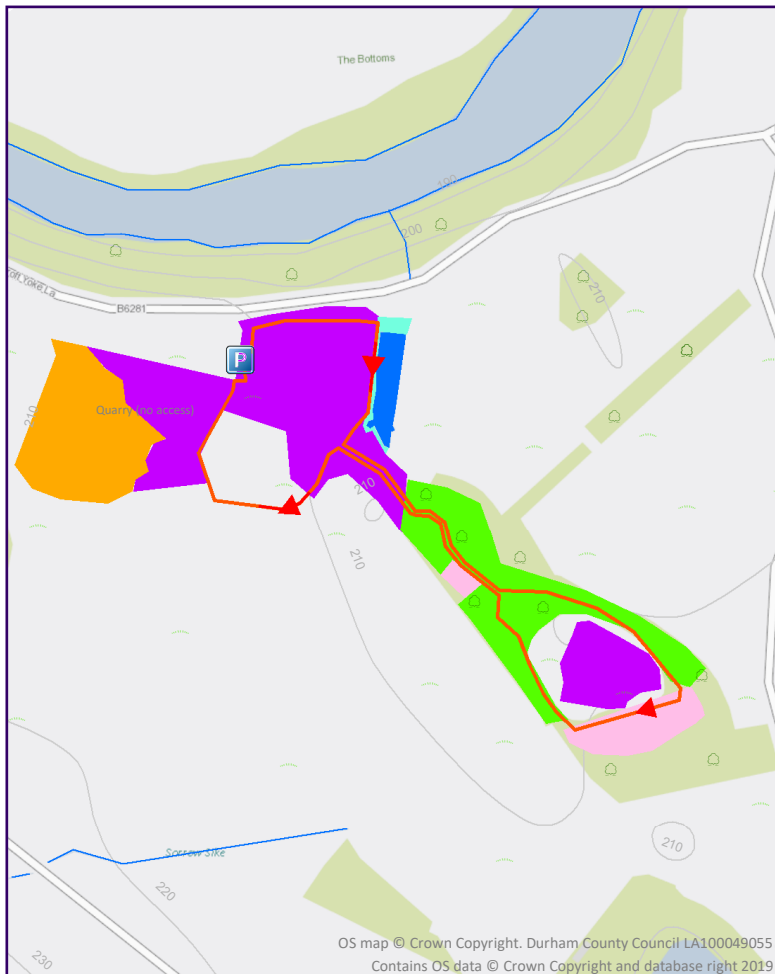


Flowers attract sawflies *Tenthredo notha* and *Tenthredo mesomela* (pictured), early mining bees and white-footed green furrow-bees.



Hayberries invertebrate survey route

Car parking: Hayberries car park, Croft Yoke Lane, Romaldkirk, County Durham, DL12 9EQ; GR: NY 99133 22963



Key habitats and features



Parking



Survey route



Running water



Bare area



Flower-rich grassland



Flower-rich understory

Marshy grassland

Woodland with deadwood



Pond



Terrain: the route follows a rough, narrow path on uneven ground with some wet areas and slopes.

Survey route length: 0.6 miles

The quarry itself is very fragile habitat and access is restricted. Please do not enter the quarry unless you have permission from site managers, Durham County Council.

For more information on Hayberries Nature Reserve, visit: <https://www.durham.gov.uk/media/3994/Hayberries-Nature-Reserve/pdf/HayberriesNatureReserve.pdf?m=636735642182800000>