

TROOPERS HILL FUN LEARNING TRAILS

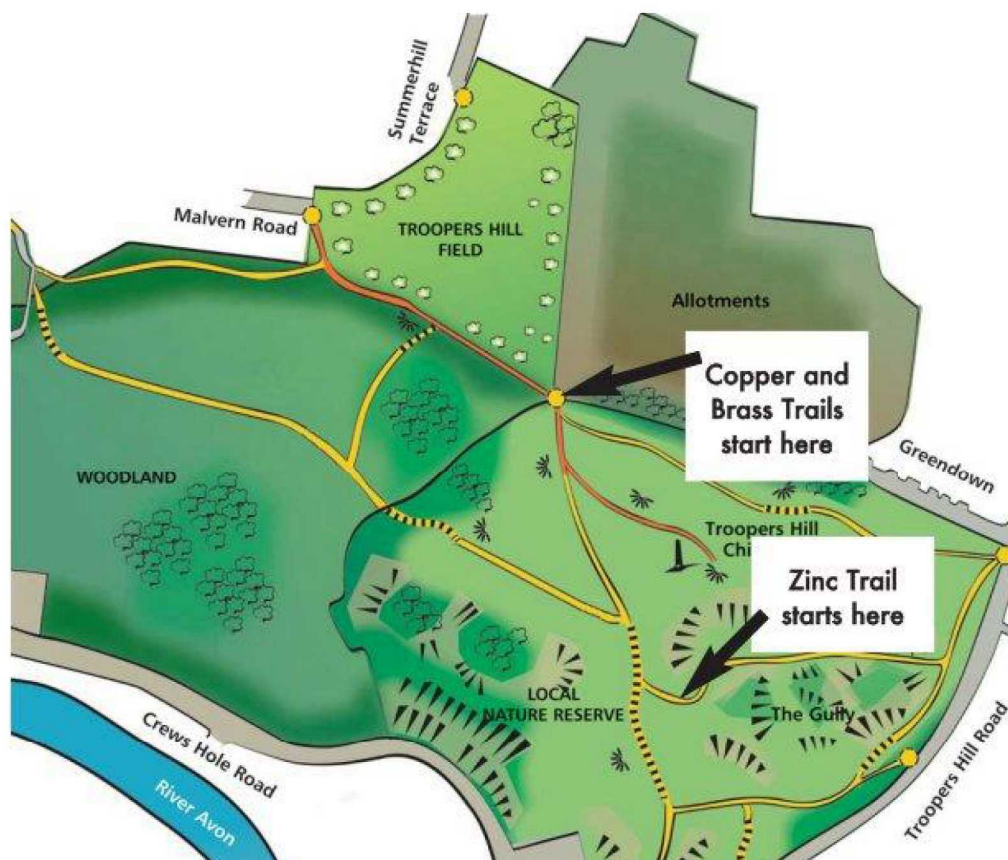


Friends of Troopers hill have created three new marked trails for schools and families with primary school age children. The trails are designed to help you find out more about the wonderful wildlife on this very special Hill.

There are several ways to access these trails, depending on age and the amount of challenge you are seeking.

The Copper and Brass Trails begin at the entrance from Troopers Hill Field on to the Hill, near the standing stone. You can access Troopers Hill Field from Malvern Road or Summerhill Terrace.

The Zinc Trail begins further down the Hill. Take the main path from the Field and then head downhill from the first bench, the start is on the path to the left after the waymarker post.



- All trails are described in a clockwise direction
- Use small symbols on plates to show you where the species occur
- Have names of metals associated with Troopers Hill in the past. The plates look like those metals (copper, brass, zinc).
- Have different shapes – note the shape for the one you are following: copper = circles; brass = square; zinc = ellipse
- Have fixed symbols which are not always obvious – children will need to be encouraged to look under, over, in-between and especially behind them
- Show steps as black and yellow stripes on the maps

We recommend good footwear to avoid slips and trips, and suitable clothing for a windy hill.

Please note – there are no toilets at Troopers Hill.

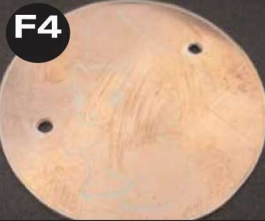
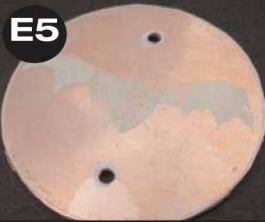
Project conceived and produced by Ruth Coleman, 2013.

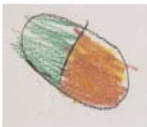
Funded by the Big Lottery Community Spaces Scheme and the Co-operative Membership Community Fund.

Original artwork by pupils at Summerhill Academy. Plates created by Steve Joyce.

COPPER TRAIL – FACTSHEET

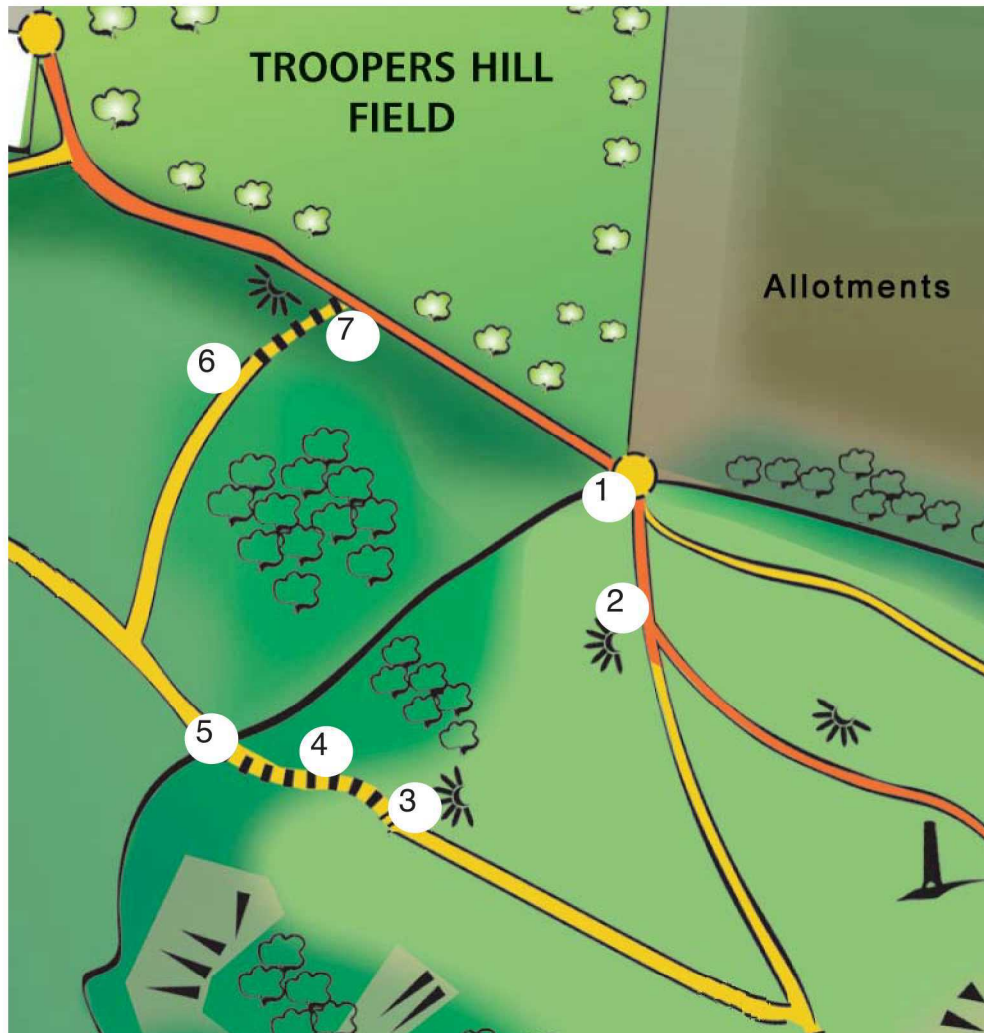
Here are some of the trees, mammals and creatures of the night that you can find on the Copper Trail. The middle column shows you the symbol to look for on the Trail, together with some information about them.

squirrel	1  Wikimedia Commons	F4 	I am a rodent but humans like me. I eat nuts, seeds and bury acorns to eat in the winter. I am great at climbing trees but damage them.
bat	2  Rauhaufledermaus	E5 	I appear about dusk and fly by echolocation. In one night I can eat thousands of insects. I help to pollinate plants and spread seeds.
owl	3 	C7 	I am a night-time bird of prey. I have big eyes and great eyesight so I can hunt small mammals and insects. I am said to be wise.
sycamore	4  P Milner	C6 	I am very common and my seeds are often called helicopters. I lose my leaves in winter. I will grow almost anywhere.
fox	5  Wikimedia Commons	B6 	I am a mammal related to the dog. I leave a strong smell to mark my territory. I eat mostly anything and am starting to live in the city.
deer	6  R Raul	B3 	I am a larger mammal. I am herbivorous (vegetarian). Males are called 'buck' and females are called 'doe'.
sweet chestnut	7  P Milner	C3 	I bear edible fruits in autumn and lose my leaves in winter. My fruits are roasted and used in stuffing, especially at Christmas.



COPPER TRAIL – DISCOVERY CHALLENGE

Which symbols for trees, mammals and creatures of the night can you find at the points marked on the map? Write their names below.



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BRASS TRAIL – FACTSHEET

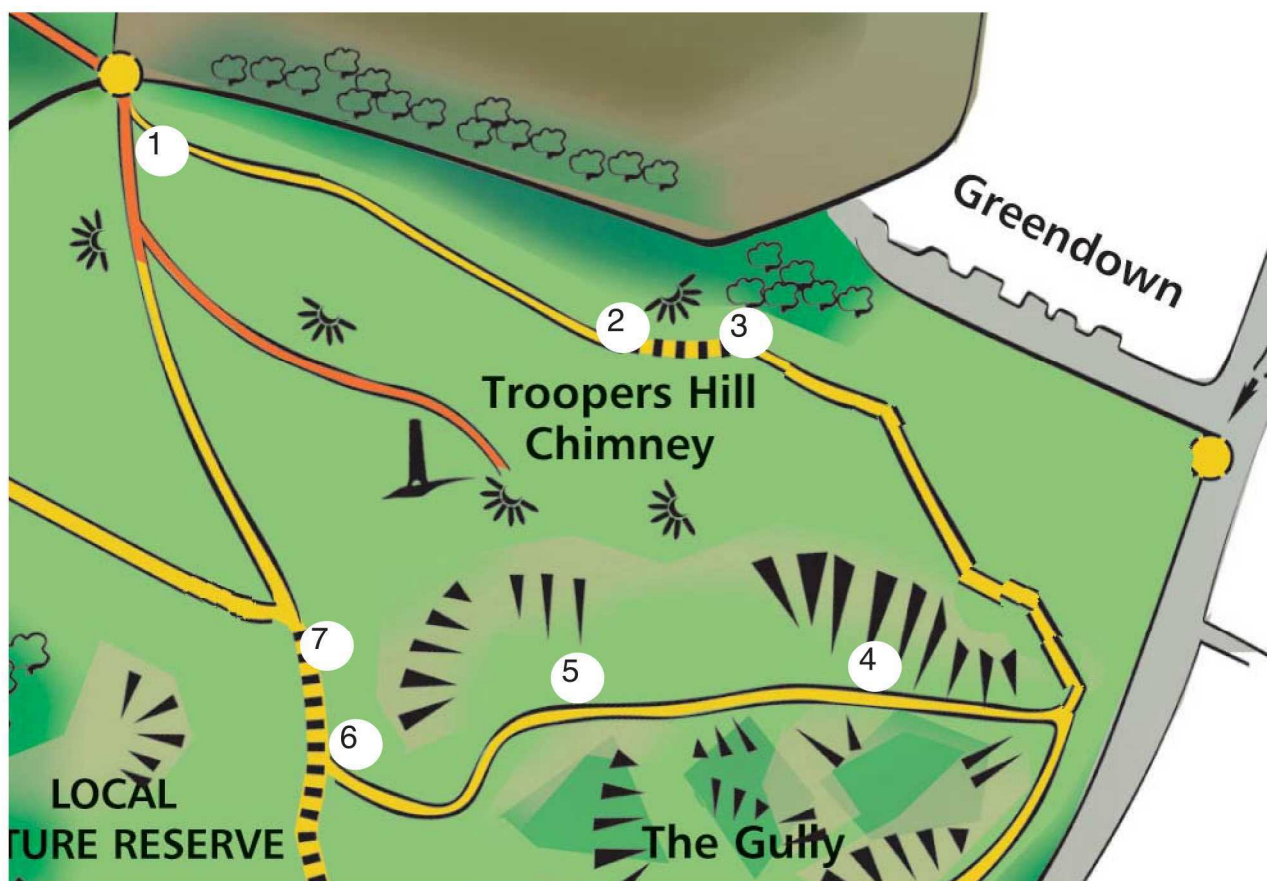
Here are some of the plants, birds and a reptile that you can find on the Brass Trail. The middle column shows you the symbol to look for on the Trail, together with some information.

chiff chaff	1  Glyn Baker	B2 	I am a small, olive brown warbler. I flit through trees and shrubs and wag my tail. I eat insects on trees, and fly out to snap them up.
green woodpecker	2  QHWeb	E3 	I like short grass so I can feed on the ground. I love to eat ants. I breed in the holes I peck in dead wood.
scarlet pimpernel	3  Pauk	F3 	Look for me in the summer, close to the ground. I only open my small petals when the sun is shining. Some people think I'm a weed.
heather	4  Jim Champion	G6 	I turn the Hill pinkish purple in late summer. I like dry, acidic soils. Bees and insects love the nectar I hide in my bell-shaped flowers.
St John's Wort	5  Glyn Baker	D6 	I am found in open rather than shady places. Some people think I am a medicinal plant. My pollen attracts bees and other insects.
lizard	6  Dave Green	C6 	I am a reptile (cold-blooded) and I have scaly skin. I love to bask in the sun. I can move very quickly. I like to eat small insects such as flies, grasshoppers and spiders.
whitethroat	7  N P Holmes	C5 	I am a warbler. You can see me in spring, summer and autumn but I fly to Africa in the winter. I eat insects, berries and fruit.



BRASS TRAIL – DISCOVERY CHALLENGE

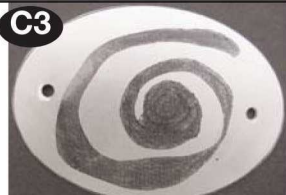
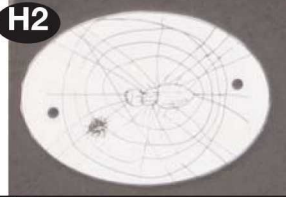
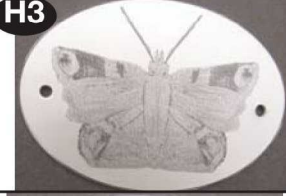
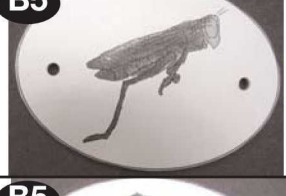
Which symbols for mainly plants and birds can you find at the points marked on the map? Write their names below.



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ZINC TRAIL – FACTSHEET

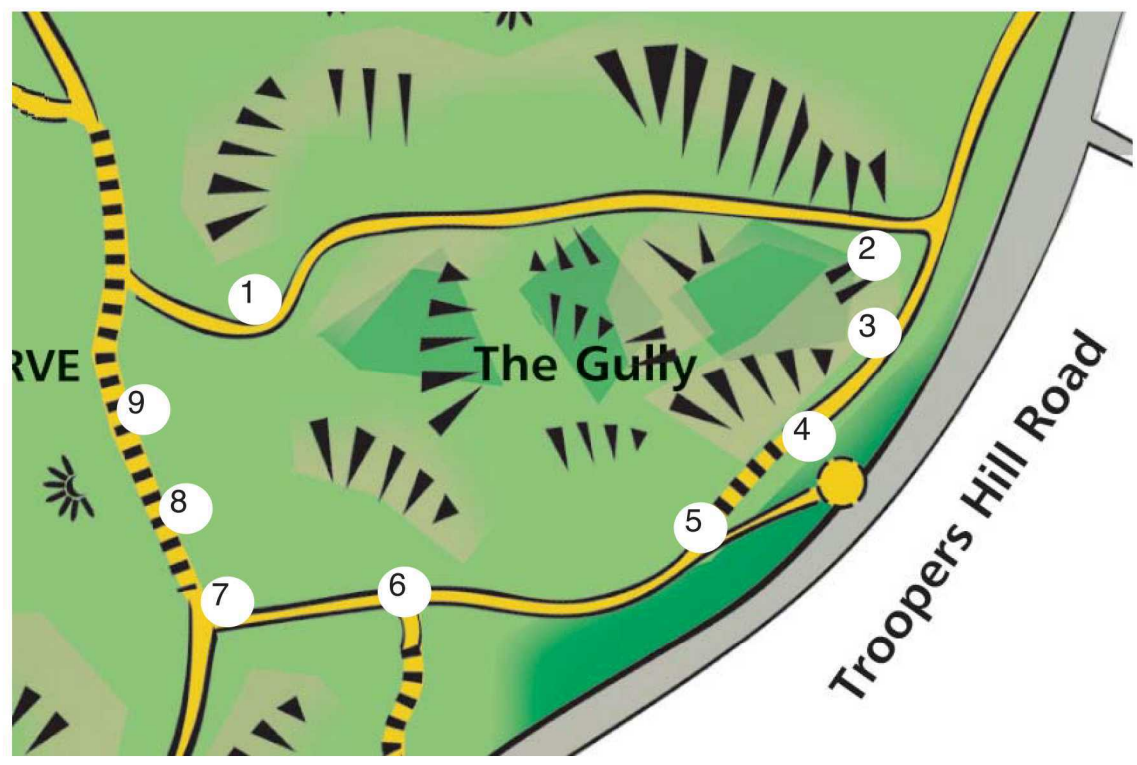
Here are some of the creepy, poisonous or sweet things that you can find on the Zinc Trail. The middle column shows you the symbol to look for on the Trail, together with some information about it.

slow worm	1  Dave Green	C3 	I am a reptile sometimes called a legless lizard. I eat slugs, worms, spiders and insects. I like the sun, but also like to hide under things.
spider	2  Duk	H2 	I am most obvious in autumn. I hide in tunnels I spin and I also make webs to trap my food. I eat butterflies, wasps and flies.
peacock	3  Titus Tscharnke	H3 	I pretend to have big eyes to scare predators such as mice. I like full sun and take the nectar provided by plants like honeysuckle.
brimstone	4  Sarefo	G4 	Like other butterflies around here, I am good at camouflage. I feed on nectar, especially from purple flowers such as heather.
comma	5  Susan A-C	F5 	I am tatty around the edges and get my name from a white mark under my wing like a comma. I need nettles to thrive.
honeysuckle	6  Bilou	D5 	I am sometimes known as woodbine. I smell very sweet and attract all sorts of flying insects with my delicious nectar.
grasshopper	7  Nat Edwards	B5 	My antenna are shorter than my body. I make sounds by rubbing my legs against my wings. I like to eat grasses and leaves.
ladybird	8  Gaudete	B5 	I am a beetle. My wings are bright red, orange or yellow with black spots. I can be a pest but I help by eating (aphids) greenfly.
fungi	9  Anemone Projectors	A4 	My name is fly agaric and I am poisonous, like many of my fellow fungi. I like shady, cool places. I am eaten by squirrels and rodents.

ZINC TRAIL – DISCOVERY CHALLENGE



Which symbols for creepy, poisonous or sweet things can you find at the points marked on the map? Write their names below.



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