how to...
DISCOVER HAYLE
... without the car!



Hemlock Water Drop Wort
Also known as Devil's Parsnip. All of this plant is poisonous especially the roots to animals and humans - do not touch!



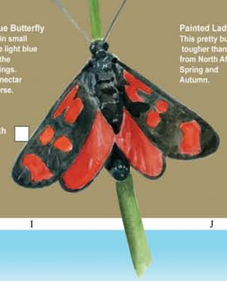
English Stonecrop
A low-growing, fleshy, evergreen that grows over walls and rocks. Actual flower size is just 3mm in diameter.



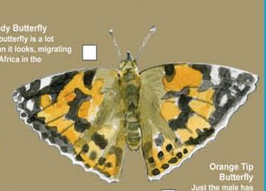
Marsh Marigold
A member of the buttercup family, this plant likes to grow in wet areas around the Hayle estuary.



Silver-Studded Blue Butterfly
Rare but often lives in small colonies. Males have light blue reflective scales on the underside of their wings. Favourite foods are nectar from heather and gorse.



Six-Spot Burnet Moth
Flies during the day and easy to spot with its bright colours that warn predators it is poisonous.



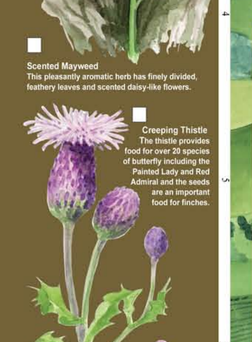
Painted Lady Butterfly
This pretty butterfly is a lot tougher than it looks, migrating from North Africa in the Spring and Autumn.



Birdsfoot Trefoil
Forms a beautiful carpet of small yellow flowers across the Towans from May to August providing food for caterpillars and nectar for butterflies.



Scented Mayweed
This pleasantly aromatic herb has finely divided, feathery leaves and scented daisy-like flowers.

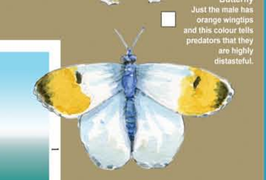


Creeping Thistle
The thistle provides food for over 20 species of butterfly including the Painted Lady and Red Admiral and the seeds are an important food for finches.

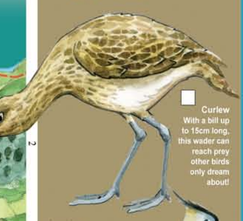


Pyramidal Orchid
One of the floral delights of the summer, this small pink orchid grows widely across the Towans.

Manx Shearwater
Long straight slim wings, breeds in colonies on offshore islands but can sometimes be spotted while on migration to South America.



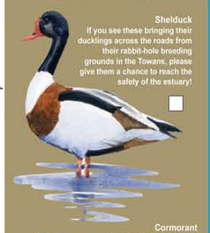
Orange Tip Butterfly
Just the male has orange wingtips and this colour tells predators that they are highly distasteful.



Curlew
With a bill up to 15cm long, this wader can reach prey other birds only dream about!



Lapwing
Common in cold winters but absent at other times, the largest flocks gather at Copperhouse and Lelant Water, roosting at Ryan's Field.



Shelduck
If you see these bringing their ducklings across the roads from their rabbit-hole breeding grounds in the Towans, please give them a chance to reach the safety of the estuary!



Cormorant
This species is commonly seen around the estuary at any time of the year.



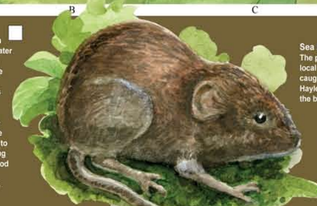
Meadow Pipit
A small brown streaky songbird with a high piping call and jerky flight, often seen in small flocks.



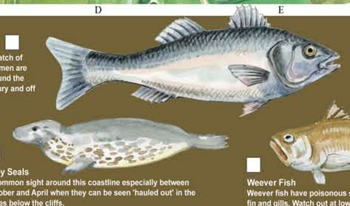
Sandwich Tern
A common summer migrant from African waters, often seen diving for Sand Eels along the shore.



Red Squirrel
A project at Paradise Park is taking place to re-introduce the Red Squirrel to Cornwall.

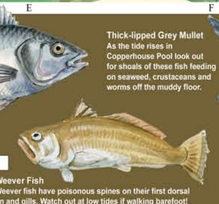


Water Vole
Often mistaken for a rat, the water vole builds its burrows beside slow moving waters such as Copperhouse Pool.
The Water vole builds its home in many levels to prevent flooding along with a food store for the winter months.



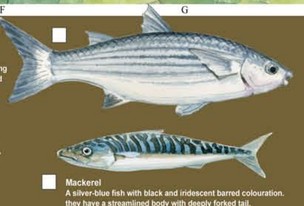
Sea Bass
The prize catch of local fishermen are caught around the Hayle Estuary and off the beach.

Grey Seals
A common sight around this coastline especially between October and April when they can be seen 'hauled out' in the coves below the cliffs.



Thick-lipped Grey Mullet
As the tide rises in Copperhouse Pool look out for shoals of these fish feeding on seaweed, crustaceans and worms off the muddy floor.

Weever Fish
Weever fish have poisonous spines on their first dorsal fin and gills. Watch out at low tides if walking barefoot!



Mackerel
A silver-blue fish with black and iridescent barred colouration. they have a streamlined body with deeply forked tail.



Glow-worm
The female glows at dusk between June and October to attract a mate. Glow worms are slow moving and feed on the many snails that can be seen on the Towans.



Adder
Easily recognised by its bold zig-zag stripe down its back. Britain's only snake with a poisonous bite!



Bar-Tailed Godwit
A large pale wader with a long straight bill, occurs in small numbers in the estuary throughout the year.

USEFUL TELEPHONE NUMBERS

GENERAL NUMBERS	
Traveline – Public transport information	0871 2002233
Railway enquiries	08457 484950
Tourist Information Centre, Hayle	07891 840470
Hayle Town Council	01736 755059
St Erth Parish Council	01736 757575
Gwinear Gwithian Parish Council	01209 983115
Hayle Library	01736 753196
Cornwall Council	0300 1234100
Local Recycling Collection Service	0300 1234141
Cornwall Heritage Trust	01208 873039
Paradise Park	01992 470490
Cornwall Sustainable Tourism Project (CoaST)	0845 2037070
Cornwall Wildlife Trust	01872 273939
Surfers Against Sewage	01872 553001
Hayle Childrens Centre	01736 759058

WHEELCHAIR HIRE	
HSC Mobility, Hayle	01736 755927

NHS	
Bodriggy Health Centre	01736 753136
NHS Cornwall & Isles of Scilly (Info on GPs)	0845 170 8000

EMERGENCY NUMBERS	
Royal Cornwall Hospital Emergency Department, Truro	01872 253111
West Cornwall Hospital (Penzance)	01736 874000
NHS Direct	0845 4647
Police	08452 777444
Dental Helpline	01872 354375
Kernow Urgent Care Services	08702 421242
Cornwall Partnership NHS Trust	01208 251300
NHS Cornwall & Isles of Scilly	01208 251300

In an emergency dial 999 and ask for the service you require.

To discover more about Hayle, St Erth, Gwithian and Gwinear visit...
www.haylemap.org

For a large scale version of the map please visit us online.

THE HAYLE DISCOVERY MAP

THIS PROJECT HAS BEEN COMMISSIONED AS PART OF THE DELIVERY OF THE HAYLE AREA PLAN WHICH INCORPORATES THE PARISH PLANS OF GWINEAR-GWITHIAN AND ST ERTH.

This map has been produced for the community & visitors of Hayle and surrounding area. The Discovery Trails bordering the map have been designed to give a guided tour of Hayle, to take in the superb views, fascinating history, architecture, wonderful play areas and shopping facilities without the car.

The maps not only illustrate the town's history, they promote public transport, car free days out, recycling stations, attractions, flora and fauna, festivals and events, cycle trails, nature reserves, beach safety, the coast path. National Trust land while incorporating the important message about sustainability.

These 3D illustrated maps have been designed to show the many ways you can enjoy Hayle, its coastline, nature and heritage. There are many things you can do without the car that won't cost the Earth; literally! Think green, reduce your impact, support the local economy, look after the natural environment and save yourself some pennies by exploring the area with our FREE maps.

Meur ras! (Thank you in Cornish)

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South West Water
St Ives Bay Holiday Park
Trutheal Farm
Star Inn, St Erth
Four Way Print Ltd
Coast2Coast Karting
Sunset Surf

For more information about the Hayle Discovery Map please go to
www.haylemap.org
To enjoy other Discovery Maps visit www.cornwallmaps.org

This map has been printed in Cornwall on 100% recycled paper using vegetable inks.

Please note that this is an artist's impression of the Hayle area and accepts no liability for any loss, damage or inconvenience caused as a result of reliance on the mapping.

DISCOVER HAYLE
MAP



Discovery Trail

Unlock the secrets of Hayle's past!

TOWN TRAIL

1. WHITE HART HOTEL

Our three mile circular walk starts at the White Hart Hotel near Foundry Square. In 1838, Henry Harvey had this impressive hotel with its elaborate frontage built to impress his growing business clientele. Behind the hotel are the former stables, and smithy. Beside the hotel is the Masonic Hall, the original White Hart Hotel built in 1834 to provide a living for his sister Jane Harvey Trevithick, the widow of the famous engineer Richard Trevithick. Trevithick had left her with no support after his long 10 year absence in South America where he had many daring and ill-fated adventures. On his return in 1827 when he arrived in Falmouth it is said that he had nothing more than the clothes he wore, a gold watch, compasses, and a pair of silver spurs. The White Hart Hotel and the Masonic Hall now stand as reminders of Hayle's past.

2. FOUNDRY SQUARE

Foundry Square and its buildings marked the hub of the famous engineering firm Harvey and Co who once employed nearly a thousand workers making Cornish Beam Engines for mines all over the world.
All around Foundry Square are buildings related to the firm. The Lloyds Bank building was once the Foundry Market House where workers were paid in tokens, using these to buy their food and goods here and in the Emporium nearby. Opposite is John Harvey's Office and Counting House. Within is a steel-lined strong room built to protect the company's takings - specially designed cast iron columns hold up the floor of this heavyweight room!
This building has a clock tower that once displayed local and London times, a twenty minute difference.

3. PENPOL TERRACE AND CREEK

Proceed under the viaduct following the grassy area beside Penpol Creek, where numerous boats are moored.
On the opposite side is Penpol Terrace, a solid Victorian Terrace with shop fronts built in the front gardens. Harvey and Co were eventually forced by law to allow trading to take place outside of their Emporium, the lack of available space meaning that shop fronts were built directly in front of the existing houses.
One shop front stands out from the rest - Carnsew Gallery; originally a butcher's shop with a wonderful tiled mosaic depicting a bull's head.

4. PICKLE JAR CORNER

The bend in the road is 'Pickle Jar' Corner. Here it was possible at low tide to cross to the Lelant Saltings by five different trackways. Each was marked by granite or wooden posts to avoid the quick sands, thus granting safe passage for travellers across the Estuary. The Royal Standard Inn marked the boundary between Harvey and Co and the other main landowner of the town; the Cornish Copper Company. By the turn of the century this company was involved in copper smelting and export and the import of coal, timber, limestone and iron.
The Royal Standard is a very early Inn and was once called 'Passage House'. Before the building of Hayle Causeway and the A30 turnpike road, travellers to St Ives and Penzance would have to ford the sands to Lelant and the Inn would serve their creature comforts while they awaited the right tidal conditions to cross.

5. COPPERHOUSE CO AND HARVEY & CO DISPUTE

There was much rivalry between the two companies in boundary disputes, the use of the quays and the river Hayle's exit to the sea and also fierce competition over trade. One night this degenerated into a battle, resulting in many injuries. The military at Marazion were sent to break up the fighting and, whilst they dealt with the employees, the two directors of the foundries spent many hours arranging a peace treaty!

This rivalry led to the development of two separate communities with their own facilities at each end of the town which can still be seen today. If you were a Copperhouse boy woe betide you if you dared to fall in love with a Foundry girl!
As you explore, keep a look out for granite posts with 'H' on one side and 'CCC' on the other, erected to show the boundaries of land ownership between the foundries. Continue around this corner and turn left towards the Town Swimming Pool, crossing over the Swing Bridge. A Drawbridge was originally built in 1837, replaced in 1880 by the Swing bridge to carry the road and the Wharves Branch line linking the Hayle railway to the main line.The bridge used to be raised and rotated to allow the passage of seagoing vessels along the canal as far as Copperhouse.

6. CUSTOMS HOUSE AND MEMORIAL WALK

The Customs House was built in 1862 and is now used as offices for the Hayle Harbour Company. It has the points of the compass incised into the doorstep used to help calibrate the compasses of ships. To your right is Copperhouse Pool. Our walk now follows The King George V Memorial Walk, purchased from the GWR and Harvey and Co to commemorate the Silver Jubilee of King George V and Queen Mary. A fine collection of specimen trees were planted beside the walk along with beautiful flower borders. Copperhouse Pool is a RSPB Nature Reserve and has a rich industrial past originally created as a canal and tidal reservoir to bring ships up to the copper smelting works and to sluice the estuary.

7. COPPERHOUSE POOL

Nowadays the pool is a tranquil environment teeming with fish and wildlife and it is hard to imagine how different it must have once been. This is the most westerly estuary in Britain and the milder climate attracts many birds in the winter months. Large flocks of Wigeon, Teal and Shelduck spend most of the winter feeding on the mudflats. Goldeneye, Little Grebe and Coot also arrive from late October onwards. Golden Plover and Lapwings spend the hours of low water resting on the Pool, together with Dunlin, Redshank and Oystercatchers. Flocks of Curlew come down from the moors to hunt along the tide-line, with tiny Sandlings and Turnstones for company. Peregrines and Kestrels scour the estuary mud for weak birds and pigeons. Occasionally the bright flash of a Kingfisher can be spotted near the Stepping Stones in front of the Copperhouse Dock. Wildflowers proliferate on the banks of the pool.

THE INDUSTRIAL REVOLUTION

The town of Hayle played an important part in the Industrial Revolution. Engineering companies established in Hayle provided machinery for the Cornish Mining Industry and were soon exporting worldwide.

At the eastern end, the Cornish Copper Company ("CCC") began in 1758 smelting copper and Phillack parish entered the industrial era and boom times with a work force of over 1,400 by the turn of the century. They also imported coal, timber, limestone, iron and other goods into Hayle and later specialised in beaten copper. At the western end of Hayle a foundry was established in 1779 by John Harvey. From here pumping engines and equipment supplied the world's mining market; Harvey & Co constructed the major wharves of Hayle Harbour; built ships up to 4,000 tons and developed a steam packet service to Wales and Bristol.

In the 1840's Harvey's Foundry employed nearly 1,000 people and was internationally renowned for engineering excellence and innovation, employing engineers such as Richard Trevithick, William West and Arthur Woolf. Richard Trevithick is famous for turning high pressure steam power into the first full-scale working railway steam locomotive.

"Hayle Viaduct"
Orginally designed by Brunel, standing majestically across Foundry Square rebuilt in 1886 in granite - 841 feet long, 34 feet high with 37 spans.

DYNAMITE TOWANS

Upton Towans locally known as 'Dynamite Towans' are named after the National Explosives Company which once used the area to produce dynamite. Over 1,800 men and women worked here during WW1. There are still some remnants of this industry to be seen in the dunes, as the area was dominated by an extensive network of storage bunkers, factory buildings and chimneys all linked by tramways. On the 5th January 1904, 4,200 lb of nitroglycerine accidentally exploded killing 4 men. The blast was so huge that it caused considerable damage in St. Ives, including the breaking of the stained glass windows of the church. It was heard as far away as Dartmoor and Torquay, and was believed to have been caused by the accidental dropping of a cover from one of the storage tanks which initiated the detonation.
Nowadays little remains of this industry and the area has returned to a peaceful haven for wildlife with the whole area designated as a Site of Special Scientific Interest.

"Pickle Jar" Corner
derives its name from the local practice of putting a wooden plank on pickling jars as seats during Carnival and Feast Day parades.

RETURN OF THE CHOUGH

PARADISE PARK

One of Hayle's main attractions is Paradise Park, a wildlife sanctuary for rare and endangered birds including the Cornish Chough.
Over 650 birds are kept here as well as Red Squirrels, Otter and a host of farm animals.

Paradise Park takes conservation very seriously and is involved in several charities that raise awareness and funds for conservation projects around the world including work to reintroduce the Red Squirrel and the Chough back into Cornwall.

MILLPONDS TRAIL

Starting at the White Hart Hotel [14], follow the B3302. Opposite the former White Hart Stables, now a bakery, you will come to the walled Millpond Gardens [15]. Bordered on one side by the employees' cottages of Tremeadow Terrace and on the other by the grand managers' villas of Millpond Avenue; the Millponds now provide a public garden, children's play area and amphitheatre leading to the woodland setting of the old Ropery and Ropewalk.
The trail follows the Penpol River, whose waters powered the waterwheels of the mills which serviced the adjacent foundry. The present day quietude is in sharp contrast to its former 18th and 19th Century life as a Hammer and Grist (Corn) Mill and Ropeworks. The Millponds [16] provide a wealth of wildlife all year round, including some rare visitors as well as the resident ducks, swans, moorhens and a well-fed heron! Some 112 species of birds have been listed and over 250 plant species recorded here.

This is also a good place to see butterflies, dragon- and damsel-flies making a bright splash of colour among the lakeside vegetation. One unusual alien resident is the Caspian Pond Turtle - a small colony has taken up residence here. You may spy one sunbathing by the Millpond on a hot summer's day.
For further exploration - opposite Millpond Avenue cross over into Foundry Lane [17] and the entrance to Harvey's Foundry. Up the road to your left follow signs to the Plantation [18]; a high area with wonderful views across the Estuary and the viaduct below, and an Information Panel pointing out notable landmarks. Follow the path down the hill to return along Foundry Lane [19] with its restored Foundry buildings to return to Foundry Square.

DISCOVERY KEY

This map is a valuable resource of local history and nature for budding explorers. If you venture further afield use our local bus service to visit special places around Hayle. Follow the Trails on this map and begin to unlock the secrets of Hayle's past and present.

Blue Plaques around Hayle give information about sites of historical interest. See how many you can find! For more information visit www.haylemap.org

Town Trail
Millponds Trail

- Recycling Points
- Toilets
- Parking
- Tourist Info
- Hayle's Blue Plaques
- Bus Stops
- Railway Station

HAYLE IN BLOOM

The town of Hayle has been involved with Britain in Bloom South West for the past eight years - winning many awards in the process. Adopt-a-plot is a scheme where volunteers look after a specific flower bed to weed plant and tend at many locations throughout the town. Hayle in Bloom creates a very pleasant environment for residents and visitors alike, and a tremendous community spirit in Hayle makes this easy and enjoyable to achieve!

www.hayleinbloom.org.uk

FIVE WAYS TO LOVE HAYLE

1. Reduce, Reuse, Recycle

In Cornwall we take our recycling very seriously, as we hope you do at home! Say no to packaging where possible, especially plastic bags. You will find recycling banks in most main car parks across the area. In Cornwall we work hard to recycle all we can. Please help us by making use of the recycling system in your accommodation, and asking for one if you can't find it.

2. Reduce traffic: walk, cycle or use public transport

Walking and cycling are great ways to see the area without adding to traffic. Use public transport if you need to travel to your start point, but try exploring near to where you are staying - there are some fantastic places to see right on your doorstep! There are more fully accessible routes becoming available, ensuring access for all. Ask your accommodation provider for

www.coastproject.co.uk

3. Stay Local, Eat Local, Buy Local, See Local

Support local producers and services - this way your visit has a real benefit to the communities of Cornwall. And you get to see and taste the real quality that Cornwall offers. Visit Farmers' Markets, farm shops, village stores, pubs and cafes. Much of our distinctive culture is evident in the hundreds of community events that happen throughout the year and are all well worth supporting – and the food and drink is simply fantastic.

4. Chill out – switch off....

Enjoy a fabulous, light touch holiday.....switch off lights and dripping taps; use the voluntary laundry card scheme where you see it, so that only towels that need washing are laundered; every single effort helps protect and enhance our beautiful environment. It takes a moment and it's all worth it!

5. When in Rome.....

To enjoy Cornwall at its best, we can help you get to know all the nooks and crannies and local knowledge – like beach safety, local cultural events, and the Countryside Code which reminds visitors to protect plants and animals; take litter away; leave gates and property as you find them; keep dogs under close control; consider other people and users when visiting the countryside.

Make your Hayle day out an adventure...

...take the Bus!

Help us to help you reduce your carbon footprint

8. BLACK BRIDGE

Towards the end of Memorial Walk take a right onto Black Road, built from the slag left over from copper smelting and recycled to produce 'scoria' blocks for building. Anyone working for the Cornish Copper Company received these bricks free of charge to build their homes and many buildings on this side of Hayle are built in scoria block. One example is the Black Bridge as you walk along Black Road. This bridge has odd sized arches. One arch had been completed when Parson Hocking of Phillack complained that it was too low, citing an ancient law which entitled him right of passage to row under the bridge. The second arch was built large enough to let his rowing boat pass! The footpath opposite you before turning right onto Black Road leads you to an attractive Granite clapper bridge which carried the Hayle line and is said to be the oldest surviving broad-gauge railway bridge in Cornwall.

9. FORE STREET

Carry on down Copper Terrace into Fore Street, a fine example of a 19th Century main street with many original shop fronts.
The Market House was formerly the offices of J & F Pool. Built in 1839 it is now a shopping arcade with flats above. A little further on, look out for an unusual terracotta and tile covered building called St Georges Hall. This was Hayle Cinema, dating from 1900 and one of the earliest to be built in Cornwall. Continue past a long row of 19th Century terraced housing to The Cornish Arms. Look out for a milestone in its car park, dating from the mid 19th century, marking the coaching route to Penzance and Land's End. Opposite the Cornish Arms is a car park and at its western end you will find Hayle Library, Wildlife Garden and Tourist Information Centre.

10. PASSMORE EDWARDS INSTITUTE

As you continue along Commercial Road opposite the War Memorial stands the Passmore Edwards Institute building. This imposing granite building was the last to be designed by Silvanus Travail as a centre for adult education for John Passmore Edwards, the Cornish Newspaper Editor and philanthropist.
Built in 1893 on land given to the town by the Harvey Family, the Institute is used today by many local organisations.

11. ST ELWYN'S CHURCH

At the point where Hayle Terrace merges with Penpol Terrace, the most prominent building in this area is St. Elwyn's Church which was the last building to be created by John B Sedding, the designer of the Brompton Oratory. It was completed in 1888 and is a fine late Victorian Gothic Revival building with the roofs made of dry laid Delabole slate. The Church is open daily and has some very fine stained glass windows.
The Church Hall just below the church precinct, dates from 1905 and has a simple interior with plastered walls and original dressed fireplaces.

12. THE RAILWAY

A short walk along, turn left, up the track-bed of the Hayle Wharves Railway Branch Line which connected Hayle to the Main Line and under The Quay Overbridge - a granite and iron structure dating from 1852. This whole area has been landscaped as an urban Nature Trail. A nature survey carried out here showed sightings of the Common Lizard, Slow Worm, Badger, Hedgehog and Fox. Butterflies including Small Tortoiseshell, Peacock and Small Copper were found and wild flowers including Purple and Yellow Toadflaxes, Rose-Bay Willow Herb and Bird's-Foot Trefoil. At the top of this incline is Hayle Railway station, now unmanned but formerly a busy station having engine sheds, a signal box and stables for the horses which worked on the Wharves Branch Line.

13. PRATT'S MARKET

Turn right at the top of the incline and then left into the lane which runs under the railway bridge. Walk down Station Hill into Foundry Square to return to the start of the walk. Before finishing your walk take a look at the grand building on your left - Pratt's Market which was once Foundry Chapel, built in 1845 - a large Wesleyan centre with an attached schoolroom for Foundry workers and their children.

Wild flowers and butterflies seen here in the summer months

Copperhouse Pool is a beautiful tidal pool full of bird life in the centre of Hayle, owned by the R.S.P.B.

King George V Memorial Walk is bordered by sub-tropical gardens which run the length of the Copperhouse Pool

Man-made pools fed from the Penpol River orginally to power the waterwills.

Industry Barons had their grand villas built here, which can still be seen today

A footpath runs all around Carnsew Pool - an ideal spot for bird watching. Hayle is a 'Walkers are Welcome' town ensuring that foopaths and trails are maintained in good condition.

Lobster boats dock here with their catches

Simon Rawson