To Robert Louis Stevenson the Pentland Hills were the 'Hills of Home'. The Pentlands are often described as Edinburgh's lungs. The Friends of the Pentlands seek to protect and enhance the Pentlands, but we also wish to encourage responsible access.

Mankind and nature interacted in the Pentlands long before the term 'recreation' was coined. Visitors today can pursue investigative and recreational activities in a working environment that exudes cultural and natural heritage and significant biodiversity. Visit, relax, enjoy and respect.

#### THE NATURAL LANDSCAPE

#### **Geology of the Pentlands**

The oldest rocks in the Pentland Hills were formed 430 million years ago under the ocean. They formed from mud, silt and sand which were washed into an ocean which separated two continents. These two continents came together and the rocks that had formed under the ocean were folded and uplifted to form land. These vertical layers of rocks can be seen clearly at the Howe, to the west of Loganlea Reservoir.



A later period of volcanic activity produced most of the rocks and hills in the Pentlands. Volcanic vents situated near Swanston and Colinton produced ash and lava which created rocks accumulated to over a kilometre in thickness. A visit to any of the high hills will allow you to find dark-coloured rock produced by one of these ancient volcanoes.

Around 370 million years ago in rivers and lakes sandstone was deposited which can best be seen on East and West Cairn Hills. The Pentland Fault, running along the route of the A702, lifted the older rocks of Pentlands up beside younger rocks. During the Ice Age the shape of the hills we see today was formed by erosion. Ice flowed over the tops rounding them off and meltwater eroded the glens and cleuchs.

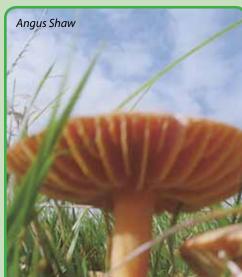
#### Wildlife

The varied habitats of the Pentlands give rise to rich diversity of wildlife. Grasslands are home to brown hares, short-eared owls, common shrew and meadow brown and ringlet butterflies, whilst heather moorland accommodates red grouse, mountain hare, merlin, emperor moth and green hairstreak butterfly The deliberate but carefully-supervised burning of heather (muirburn) creates a mosaic of differing ages and varying heights of heather and grasses whose new shoots and structures provide food and shelter for mammals, birds and insects.



Whatever the extent of scrub and woodland in times past, the Pentlands are not heavily wooded today. There are a few conifer plantations and a network of 19th century shelter-belts and woodlands surrounding reservoirs. These places

are good for pipistrelle and Daubenton's bats, as well as birds such as tree creeper, willow warbler, goldcrest and sparrowhawk. Mushrooms and toadstools are often overlooked or destroyed by people, although they play a vital role in recycling nutrients in a woodland or grassland.



With types such as the pink ballet dancer, fairy ring champignon and fly agaric they bring an exotic splash of colour to a woodland walk.

Patches of scrubby, prickly gorse are good places to find stonechats, robins and wrens; rocky screes are the haunt of common lizards basking in the sun; and such bogs and marshes as Red Moss and Kitchen Moss are home to plants specially adapted to their wet and acidic conditions. Round-leaved sundew and common butterwort, for instance, catch insects in their leaves and obtain essential nutrients from the flies and beetles they trap.

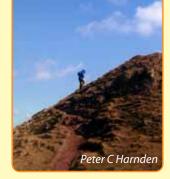
The Pentlands offer wildlife interest at any time of the year: Whooper swans in winter, banks of primroses in spring, bats hawking for insects on a summer evening, and fascinating fungi to brighten an autumn stroll



## **ACCESS & ACTIVITIES**

#### Access

Since the passing of the Land Reform (Scotland) Act by the new Scottish Parliament in 2003, 'freedom to roam' has been enshrined in Scots law, thereby formalising the long-standing tradition of unhindered access to open countryside in Scotland. Alongside the Outdoor Access Code, this new Act places clear responsibilities on visitors as well as conferring rights of access to most (but not all) parts of the countryside. It also places rights and responsibilities on all other land users, not least on land and recreational managers of all kinds.



## Know the Code

You have the right to be on most land and water for recreation, education and for going from place to place providing you act responsibly; accordingly you should take note of the following when you are in the outdoors:

- Take personal responsibility for your own actions and act safely;
- Respect people's privacy and peace of mind;
- Help land managers and others to work safely and effectively;
- Care for your environment and take your litter home;
- Keep your dog under proper control;
- Take extra care if you are organising an event or running a business.
- www.outdoorsaccess-scotland.com or Scottish Natural Heritage 0131 3163690

#### Hill Walking & Orienteering

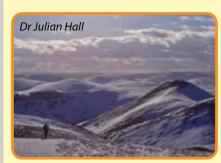
Walking in the Pentland Hills is a popular form of exercise, but there are also opportunities for many other kinds of activity. Orienteering is an exciting, challenging activity for all ages and abilities. The basic principles are not difficult. Keep your north lines on the map aligned with north on your compass, and keep it aligned every time you change direction. No matter how young, old or fit you are, you can progress at your own pace, as



on their white winter coats.

the object is to find the controls accurately by simultaneously paying attention to fine detail on the map and making quick decisions on route choice.

There are three Permanent Orienteering Courses on the Pentland Hills: at Bonaly, Hillend and Castlelaw. These comprise a set of numbered control posts, a map showing their locations, and an explanatory sheet giving suggestions for combining these controls into courses of varying difficulty. Visit the website for the Edinburgh Southern Orienteering Club, www.esoc.org.uk for details of these and local events.



#### **Hill Running**

Hill running in the Pentlands is another popular sport that attracts a friendly, outgoing and sociable bunch of people. Hill runners range in ability from leisurely ramblers to world-class athletes. Carnethy is an Edinburgh-based club that organises hill races in the Pentlands, including the 16 mile annual Pentland Skyline Race. This starts and finishes at Hillend and involves a total climb of 6,200 feet. For details visit: www.carnethy.com

### Cycling Many of t

Many of the Pentland paths are suitable for cycling. The Regional Park (www.pentlandhills.org) has a leaflet on responsible cycling within the Park, but the same principles apply throughout the Pentlands. Cyclists should always travel at a safe speed, take care to give way to and not to alarm people or animals, and avoid churning up soft or wet ground. Paths over the hilltops are not suitable due to the high risk of erosion to fragile vegetation; and it is helpful if cyclists avoid wetter paths and areas not least during the winter months.

### **Horse Riding**

The Land Reform (Scotland) Act 2003 provided the right of responsible access to walking, cycling and horse riding. Horse riding has been a minority activity within the Pentland Hills, but with increasing access to livery and stables, within and close to the Pentlands, it is anticipated that more will take advantage of the opportunity afforded through the new responsible access rights. Further information can be obtained from the Scottish Equestrian Association and the British Horse Society. www.scottishequestrianassociation.org and www.bhs.org.uk

## The farming Year

control, preferably on a lead.

How to act responsibly throughout the year		The farming year	The wildlife year
January		Shepherds busy feeding sheep.	
February	Pregnant sheep may abort their lambs, please keep your dogs under close control preferably on a lead.	Sheep heavily pregnant. Heather burning, to improve	Snowdrops sprinkle the
	, , ,	quality for grouse and other moorland birds.	hillsides.
March	Sheep lambing – wet, cold and hunger are a real threat to young		Spring migration – geese fly
	lambs. Disturbance drives them from	Sheep lambing.	north.
	shelter and may separate them from	. 3	Swallows arrive. Cuckoos may
April	their mothers. Please keep your dog		be heard.
	under strict control preferably on a lead.		
May	1555.	Ground nesting birds on hills	The fragrance of bluebells fills
	Ground nesting birds. Please keep	and moorland.	the woods.
June	your dog under strict control		Ald
	preferably on a lead.		Abundance of wildflowers.  Look out for butterflies.
July	High fire risk.		Look out for butterines.
·		Sheep are gathered and clipped.	
August	Game shooting – follow the advice of posted signs.	Grouse shooting season begins.	Heather in bloom.
		Harvest – wheat and barley are	
September	Harvesting, ploughing, etc., large machinery needs access to fields.	harvested. Ground sown for winter wheat	Fungi can be found in abundance.
	Park your car sensibly.	and barley.	abundance.
October	, and your can somethy.	Lambs taken to market.	Winter migration – geese and whooper swans arrive from
November	Disturbance or gates left open can ruin the sheep breeding season.	Sheep tupping.	the North.
December	Please keep your dog under strict	Grouse shooting ends.	Stoats and mountain hares pu

who led the horse at the battles of Rullion Green and Bothwell Bridge. In April 1682 he stood trial in Edinburgh, was sentenced to death, but was imprisoned in the castle on the Bass Rock, the base of which now provides the foundations for the lighthouse.

Dr Manuel of Dunsyre. The original stone was inscribed simply 'COVENTER DUNSYRE 1666', and is now located within Dolphinton church. In the same church, a plaque commemorates Major Joseph Learmonth of Newholm (1606-93), a notable Covenanter leader,

of Mulikirk), is visible:

It is thought that the Covenanter's name was John Carphin. The present stone was erected c.1841 by Rev

Dr Manuel of Dunsyre. The original stone was inscribed simply 'COVENTER DUNSYRE 1666', and is now

A small headstone on Black Law in the southern Pentlands marks the spot where an unknown Covenanter was buried. He was wounded at Rullion Green but escaped and made his way 11 miles through the hills to a shepherd's cottage near Medwynhead where he rested. The Covenanter requested that, should he die, he be buried with sight of the Ayrshire hills, his home county. The shepherd, Adam Sanderson of Blackhill, carried the body to a spot from where the distant hill of Cairn Table (a little south of Muirkirk), is visible.

The Covenanters held their own for about three hours but eventually succumbed to the superior force. About 50 were killed, with perhaps twice that number taken prisoner. According to tradition, the dead were stripped of their clothes and the bodies left for a night and a day before being buried by local people. Some of the dead were interred at Peniculk and Glencorse Kirkyards. Most were buried on the battlefield, including two Irish ministers, Rev John Crookshank and Rev Andrew MacCormick (both named on the memorial stone erected at the site on 28 September 1738). One of the questions asked by the persecutors of suspected Covenanters was: "Were you at Pentland?" Hence the alternative name: the



900 Covenanters marched on Edinburgh, they failed to enter the city, and on 28 November 1666 were defeated at the battle of Rullion Green (above Flotterstone) by 3,000 government troops under General Tam Dalzell of the Binns.

Robert Louis Stevenson (1850-1894) lived at Swanston with his parents from 1867 to 1880, and it is widely believed that Swanston was the birthplace of his genius. He certainly retained vivid memories of the Pentlands up to the time of his death in Samoa aged 44. From there he wrote: "The tropics vanish: and meseems that I – from Halkerside, from topmost Allermuir, or steep Caerketton – dreaming – gaze again.

Henry Cockburn (1779-1854) set up his country home at Bonaly Tower when he married in 1811 and he died there in 1854. Like Scott, Cockburn was a lawyer, but he was also a conservationist and a brilliant commentator on events and people. Cockburn was a central figure in the Scottish enlightenment. He loved the relationship between Bonaly and the city, then described as a 'hot-bed of genius'. Cockburn set up the 'Bonaly Friday Club' when men of letters joined him in the Pentlands to imbue that relationship.

novel, was hugely successful. Scott rented a cottage at Lasswade for summer use from 1798 to 1804. During that period he regularly visited

Woodhouselee and enjoyed walking in the northern Pentlands. He left us this memory of those times: "I think I never saw anything more beautiful than the ridge of Carnethy against a clear frosty sky". Hence in 1854, I ike Scott, Cockburn was a lawyer, but he was also a conservationist and a bri

composed song and verse. His first volume of poetry was published in 1801. His poems reflect the joys and sorrows of the time: the poor harvests; the exploitation of the poor by the rich; old rural ways and superstitions; and the espousal of change.

Walter Scott (1771-1832) is renowned as the founder of the genre of the historical novel. Published anonymously in 1814, Waverley, his first

The Pentland Rising began in Galloway on 13 November 1666 when the Covenanters rose against the persecutions imposed by Charles II. Around

theatrical tradition in the face of the strict codes of Calvinism.

James Thomson (1763-1832) lived in a small cottage called Mount Parnassus at Mid-Kinleith. Thomson worked as a weaver but in the evenings

Literary Connections
Allan Ramsay (1686-1758) was a pioneer in the development of the Scottish literary tradition. His pastoral drama, The Gentle Shepherd (1725), was a massive success and was set at Newhall, near Carlops. Ramsay wrote in both Scots and English and is credited with reviving the Scottish

There is a story, related in the 'Lay of the Last Minstrel' by Sir Walter Scott, about a Pentland white stag. Robert the Bruce while hunting in the Pentlands found that a white stag always escaped from his hounds. On one occasion he asked his companions if any of them had hounds that could outmatch his. All remained silent apart from Sir William St Clair of Roslin who wagered his head that his hounds would catch the stag. The King accepted the wager and betted the forest of Pentland against the life of Sir William. Sir William, realising his predicament, prayed to Christ, the Virgin and St Katherine. In answer to his prayers, and at the last moment, one of Sir William's hounds turned the stag and the other killed it. The King embraced Sir William and granted him the lands of Kirkton and Loganhouse. In recognition of his deliverance Sir William built the chapel of St Katherine in the Hopes the remains of which are now beneath the waters of Glencorse reservoir.

SOME KEY ASSOCIATIONS

something for everyone

# **Further Information**

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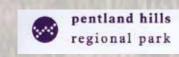
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Old Pentland Maps – www.maps.nls.uk/
Historic Sites – www.rcahms.gov.uk
Weather – www.metcheck.com – type 'Scald Law' in location box

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# THE PENTLAND HILLS



