

Conservation, land management and the National Park – the Inchtavannach
beech trees

Description

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History

Perhaps one of the best travel books ever written about Scotland is *The Companion Guide to the West Highlands of Scotland* [1968] by W.H.Murray. Early on he touches on Loch Lomond:

*The banks of Loch Lomond are clothed by deciduous woods. Oak, **beech**, chestnut, larch, and birch predominate ... That the banks of Loch Lomond have remained so long free from the forester's axe and from impairment by tourist development appears well-nigh miraculous. Their preservation has been due to the rule of enlightened landowners, principally the Colquhouns of Luss, who have sacrificed personal profit.*

All this changed in 2015 when a heritage organisation was accused of carrying out 'wanton vandalism' on the island of Inchtavannach on Loch Lomond. Scottish Natural heritage is said to have poisoned hundreds of beech trees, some of which were 300 years old.

Luss Estates, who own the island, said SNH had entered into an agreement with the tenant of Inchtavannach in 2013 to remove rhododendron from the island. That agreement also provided for the mature beech trees to be felled gradually over a five year period. But it is said SNH had decided to ring-bark and poison the beeches instead.

At the time Sir Malcolm Colquhoun was quoted as saying "*I simply cannot understand why the supposed guardian of our natural heritage has killed off these wonderful trees for no apparent reason.*"

SNH were reported as stating they "didn't appreciate" the effect this would have on the landscape. You can read more at:

<http://www.scotsman.com/news/environment/landowner-scottish-natural-heritage-poisoned-my-trees-1-3829391>

lussestates.co.uk/news/beech-trees-poisoned-inchtavannach-island

So why were the 300 year old beech trees killed?

The agreement between SNH and the tenant apparently included measures to remove “non-native” beech and this was included in the Management Statement [InchtavannachSSI site808-doc3](#) for the island which is a Site of Special Scientific Interest. While SNH claimed the beech trees were non-native, elsewhere it had written:

“The importance of a wood for biodiversity is closely related to its age. In Scotland, Ancient Woodland is defined as land that is currently wooded and has been continually wooded, at least since 1750” ([History and ancient woodlands – Scottish Natural Heritage](#))

Moreover, according to the Woodland Trust (what does native and non-native mean?):

The term native is used for any species that has made its way to the UK naturally, not intentionally or accidentally introduced by humans. In terms of trees and plants, these are species that recolonised the land when the glaciers melted after the last ice age and before the UK was disconnected from mainland Europe.

While according to Forestry Commission Scotland (What are Scotlands native woodlands?)
<http://scotland.forestry.gov.uk/>

Ancient woodlands usually have a high value for natural and cultural heritage because of their long history of continuous woodland cover. Ancient and semi-natural woods (i.e. those where the current stands appear to be naturally regenerated rather than planted) are the woodland category that generally has the highest biodiversity value.

Native tree species are those which arrived naturally in Scotland without direct human assistance as far as we can tell. Most of our native tree and shrub species colonised Scotland after the last Ice Age (which ended roughly 9,000 years ago), with seeds dispersed by wind, water, and animals.

*Although not native to Scotland, the beech – or *Fagus sylvatica* in Latin – is a common tree across much of Europe. It's thought beech trees arrived on our shores during the Bronze Age.*

Conflicting or what?? So ancient woodland sites are important to conserve but need to be cleansed of beech trees which have been there for 300 years?

And now we have been toldbeech trees are native to Scotland after all, scientists discover

According to research announced on 4 July 2017:

Beech trees should be considered native to Scotland – despite a long-running debate over their national identity, researchers at the University of Stirling and Science and Advice for Scottish Agriculture (SASA) report. The team examined the DNA of more than 800 beech [trees](#) at 42 locations across Great Britain and made direct comparisons with trees growing on mainland Europe.

The study – funded by the Natural Environment Research Council (NERC) – shows almost all of the beeches growing in Great Britain the researchers tested, are derived from native populations and, as a result, could not have been planted from abroad.

Professor Alistair Jump, of the University of Stirling's Centre for Environment, Heritage and Policy, said: "The beech tree has been experiencing an identity crisis in Scotland. Evidence shows that the European beech was mainly confined to the south-east of England after the last Ice Age. However, this tree now occurs throughout Scotland and has been considered 'not native' by many land managers.

"This tree can colonise ancient woodland in Scotland, and is sometimes removed because it poses a threat to the persistence of other [native species](#). Our study shows that beech should be considered native throughout Great Britain, including Scotland."

See: <https://phys.org/news/2017-07-beech-trees-native-scotland-scientists.html#jCp>

The research, entitled 'Understanding the legacy of widespread population translocations on the post-glacial genetic structure of the European beech', is published in the *Journal of Biogeography*.

The current position and questions that now need to be answered



Felled beech trees on the island of Inchtavannach, L Lomond, can be seen along most of the west s

A great many of the poisoned beech trees are still standing in 2017 (Aug) whilst some have been felled and a few shredded and left lying, making the view of the island from land and water unsightly to say the least . It is devastating to see all these once beautiful, healthy trees dead and abandoned.

If beech trees now belong in Scotland, the destruction on Inchtavannach, looks even more scandalous.

Here are some questions the public authorities concerned, SNH, the National Park Authority and Forestry Commission should answer:

- *Do you agree that the poisoning and subsequent felling of beech trees on Inchtavannach was a terrible mistake?*
- *Was anyone in your agency aware of the research being conducted at Stirling University and that beech trees might, after all, be classified as native?*
- *Were the NPA, as the Planning Authority (with the power to create Tree Protection Orders), consulted about the beech trees on Inchtavannach and if so, did they sanction the removal of the trees?*
- *Did SNH have a felling licence from Forestry Commission Scotland, to remove the mature trees, or was the poisoning a way round the need for that?*
- *Why were all the trees dealt with in one fell swoop (pardon the pun) rather than over the five year period as agreed?*
- *Was felling/shredding/removal just too expensive given that they are on an island*

Whatever the answers, what has happened on Inchtavannach smacks of complete and utter incompetence.

The role of the National Park Authority

The foremost statutory duty of the National Park Authority is the conservation of the natural and cultural heritage of the area. Clearly, they should have been involved in the Inchtavannach decision.

Moreover, one of the objectives of the National Park Plan 2012-17 is:

Forest design that is sympathetic to the Park's landscapes, designated sites and ecosystems. This includes restoring Planted Ancient Woodland sites and where appropriate, increases the area of the National Park under continuous cover forest management.

How does what happened at Inchtavannach fit with that objective?

And, according to the Forestry Commission :- *'Planning authorities are public bodies who are subject to the biodiversity duty in the Nature Conservation (Scotland) Act 2004, which requires all public bodies to further biodiversity where it is relevant to their functions. Development planning and management take account of native woodlands as priority habitats under the Scottish Biodiversity Strategy.'*

So how was the poisoning of the Inchtavannach beech trees able to take place in a National Park? One suspects that, had the public been consulted, commonsense or an intuitive understanding of how the Inchtavannach beech trees added to the landscape would have prevailed over scientific dogma, dogma which has now been shown to be false.

Category

1. Loch Lomond and Trossachs

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1. conservation
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