

Name of the project area:

## Missjö

Surface area (ha): 1,834.000

EU protection status:

SPA X NATURA 2000 Code : SE0230328

pSCI X NATURA 2000 Code : SE0230328

Nature conservation (woodland 1%, husbandry 2%, small islets 2% and water 95%).

The site is an important area for recreation.

State owned land.

### Main land uses and ownership status of the project area:

The nature reserve Missjö is situated in the middle part of the archipelago in the eastern part of the county Östergötland. The bedrock in Missjö archipelago, as in the rest of the archipelago of Sankt Anna, consists of gnejsgranite and gnejs of different origin. The archipelago is very finely chiselled due to uneven surface structure in combination with closely situated fissures in the bedrock.

In this archipelago there are a large number of islets and small islands, the size of the islets reduces in eastern direction closer to open sea. Missjö nature reserve includes both so-called middle archipelago and outer archipelago. In the middle archipelago the islands are bigger and pine forest are common on the islands. In the Missjö area there are also some smaller parts with *Alnus glutinosa* and other with *Quercus robur*. On the islets in the middle archipelago grow juniper bushes and lower trees of birch. In the outer archipelago, which dominates the Missjö area, most of the islets and islands are sparsely covered with birch or dominated by naked bedrock with lichens, mosses and plants. On some of the islets there is an interesting vegetation characterised by plants that demands a high rate of nitrogen which comes from the birds that live on the islets. Examples of species are *Melandrium viscosum*, *Isatis tinctoria*, *Cochlearia danica* and *Allium schoenoprasum*. The birdlife of the archipelago is dominated by *Somateria mollissima*. Other bird species represented in the area are *Mergus serrator*, *Aythya fuligula*, *Melanitta fusca*, *Arenaria interpres*, *Haematopus ostralegus*, *Sterna hirundo*, *Sterna paradisaea* and *Sterna caspia*.

### Scientific description of project area:

The nature reserve Missjö is of national interest as a typical part of the archipelago at the coast of Östergötland. The archipelago is relatively unexplored in comparison with other parts of the archipelago along the Baltic Sea. The birdlife is very rich in the object. The site is of interest both for its biological and cultural values as well as popular for outdoor recreation.

The project will address threats from overgrowing of grassland habitats and grazed forests by measures included in action C1, targeting 28.1 ha.

Habitats that will be improved by action C1:

1620: 1.4 ha

8230: 9.4 ha

9070: 11.4 ha

Other grassland habitat: 2.1 ha

Other wooded habitats: 1.0

Other land: 2.8

The measures will improve the total area and quality for grassland habitats on landscape level.

The project will also improve the possibility for visitors to take part of Natura 2000 and important habitats on main island Missjö by construction of footpath (action E4).