

Networks and the Environment

Example Arctic Species Lists

In this document we provide example species lists for terrestrial and aquatic Arctic ecosystems. We also provide website links for example food webs constructed from each species list. However, please note that these lists are simplifications of the actual systems and are for illustrative purposes only.

1 Terrestrial Species

- polar bear;
- wolf;
- hawk;
- Arctic hare;
- lemming;
- caribou;
- lichen;
- grasses;
- Arctic wildflower; and
- musk ox.

A food web example for this list of species can be found at: <http://veiszlemleinbio.wikispaces.com>.

Other species to possibly include:

- snowy owl; and
- other Arctic birds.

2 Aquatic Species

- polar bear;
- seal (can be broken down further into species such as the ringed seal, harbour seal, and harp seal);
- killer whale;
- Arctic cod;
- Arctic birds;
- phytoplankton ;
- herbivorous zooplankton;
- carnivorous zooplankton;
- Arctic char; and
- capelin.

A food web example for this list of species can be found at:

<http://wiki-images.enotes.com/thumb/f/fc/Foodweb.png/300px-Foodweb.png>.

Other species to possibly include:

- other whale species; and
- more specific types of Arctic birds.