

Activities being done

~ Beech tree monitoring ~

It is done to see
the change of
the beech forest
over time.

Contents

Monitor changes in
beech growth volume and
fruiting volume.

Search from the amount
and size of leaves
and fruits falling here.



Summary

We thought that it was
important to investigate
the Shirakami Mountains and
stop global warming.



For that reason,
We want many people to
know about the Shirakami
Mountains.

It is important for everyone
to take measures against
global warming!



Mt. Shirakami's Secret

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Members

Purpose

We were concerned about the problems occurring in the Shirakami Mountains.

About Shirakami Mountains

The Shirakami Mountains were registered as an UNESCO natural heritage for the first time in Japan in 1981.

There are many sights in there.



There are lots of mountains over 1000 meters

Beech forest of the Shirakami Mountains

Siebold's beech and the "Japanese Blue Beech" in the Shirakami mountain range.

Beech trees grow in a place where the temperature is low and the snow is deep.

This environment exists in Japan.

Impact on Beech trees due to global warming

Beech trees are currently distributed in the range from 140 meters to 1120 meters above sea level, but as the warming progresses, the habitat of beech grows steadily higher.

★ For example

2.9°C rise... Beech grows at the mountain top of the Shirakami Mountains and at the top of the mountain outside the heritage.

4.9°C rise... Beech trees disappear from the place where you live now.

Living organisms

Plants ... about 500 kinds

Animals ... Medium and large size mammals, about 14 kinds

Birds ... 94 kinds

Insects ... about 2000 kinds

Natural treasure ... 94 kinds



For example:

Japanese macaques

Asian black bears

Japanese serow

