

## Nitrogen content and its historical change in the bark of Japanese Ceder *Cryptomeria japonica*

# Tasuku Fukumoto[1]; Kenichi Satake[2]

[1] Geo-Enviromental Sci, Rissho Univ.; [2] Geo-environmental Sci., Rissho Univ.

The nitrogen content in the outer bark and inner bark was studied for historical monitoring of atmospheric nitrogen pollution using Japanese cedar *Cryptomeria japonica*.

The results clearly shows the highest value of nitrogen content at the outermost side of bark in the horizontal distribution of nitrogen in the bark.

This result shows the possibility of 'Bark pocket method' for historical monitoring of nitrogen pollution.