

## **Ages of remarkable tephra layers in peaty sediment of 10 meter core at Ikejirigawa low-land, west of Lake Nojiri**

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Japan has many active volcanoes and they have erupted large amount of tephtras during the last several hundred thousand years. These tephtras play very important role in reconstructing paleoenvironmental histories. The purpose of this study is to clarify accurate age of remarkable tephtras found around Lake Nojiri.

Based on Carbon 14 dating results, ages of remarkable tephtras are estimated as follows: K-Akahoya: 7,220yrBP, Kibidango: 12,620yrBP, Ajishio: 16,620yrBP, AT: 23,950, Kikuro I: 33,412yrBP, Akasuko: 35,851yrBP.