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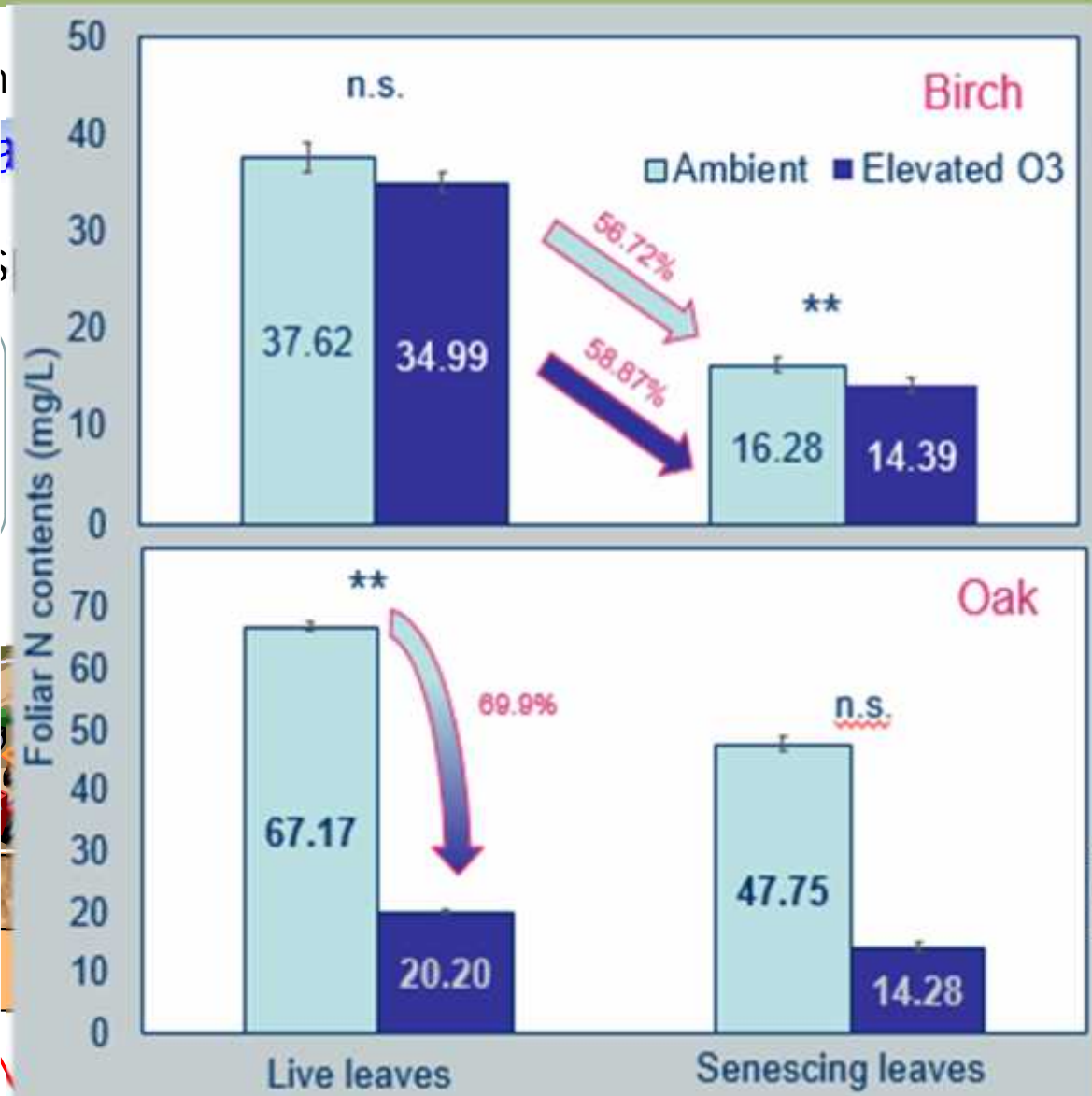
**Foliar N contents and dynamics of
representative woody plants seedlings
in Northern Japan grown under elevated
 O_3 with a free-air enrichment system**

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Background & Highlight of the study

- O₃ effects on foliar N varies upon different species
- Foliar N can be detected as an indicator to evaluate O₃-induced modification in leaf traits



Experiment design

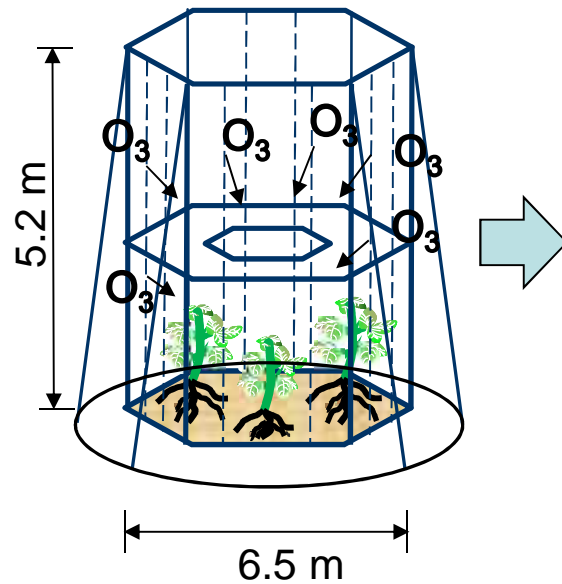
Location

Hokkaido Univ. Exp. Site, Sapporo, Japan

Experimental Period

Jul. 2014- Dec. 2015

Free-air O₃ enrichment



Field View

- Two O₃ level X three plots with three individual seedlings in each
- Elevated O₃: 70~80ppb
Ambient control: 35~45ppb

