

[\[Jump to the main content of this page\]](#)

Forest Service National Links

Go!

US FOREST SERVICE

Tree^{search}

Northern Research Station

(enter query)

Search

- ▶ [TreeSearch Home](#)
- ▶ [About TreeSearch](#)
- ▶ [Contact Us](#)
- ▶ [Northern Research Station](#)
- ▶ [Help](#)

This publication was written or produced by the [Northern Research Station](#) and is in the public domain.

[FS INFO](#)

In depth catalog of natural resources publications, including index to Forest Service literature, late 1800's to date.

US Forest Service
P.O. Box 96090
Washington, D.C.
20090-6090

(202) 205-8333



Publication Information

Title: Accretion, partitioning and sequestration of calcium and aluminum in red spruce foliage: implications for tree health

Author: Borer, Catherine H.; Schaberg, Paul G.; DeHayes, Donald H.; Hawley, Gary J.

Date: 2004

Source: Tree Physiology. 24: 929-939.

Description:

Key Words: acid rain, Ca:A1, foliar extractions, membrane associated Ca (mCa), nutrient availability, Picea rubens

[View and Print this Publication](#) (1 MB)

Publication Notes:

- This publication may be available in hard copy. Check the Northern Research Station web site to [request a printed copy](#) of this publication.
- Our on-line publications are scanned and captured using Adobe Acrobat. During the capture process some typographical errors may occur. Please contact Sharon Hobrle, shobrle@fs.fed.us if you notice any errors which make this publication unuseable.

[Evaluate this Publication](#)

Citation

Borer, Catherine H.; Schaberg, Paul G.; DeHayes, Donald H.; Hawley, Gary J. 2004. Accretion, partitioning and sequestration of calcium and aluminum in red spruce foliage: implications for tree

health Tree Physiology. 24: 929-939..

[top](#)

[Disclaimers](#) | [FOIA](#) | [Privacy Policy](#) | [Quality of Information](#) | [Print This Page](#)

US Forest Service - Research & Development

Last Modified: March 7, 2008

<http://www.treesearch.fs.fed.us/pubs/7890> Tree Health Aluminum 2004

http://www.fs.fed.us/ne/newtown_square/publications/other_publishers/OCR/ne_2004_borer001.pdf Copy of 2004 Report

<http://www.atsdr.cdc.gov/toxprofiles/phs22.html> Aluminum 2006