

BOREAS TE-09 PHOTOSYNTHETIC CAPACITY AND FOLIAGE NITROGEN DATA

Summary:

The BOREAS TE-09 team collected several data sets related to chemical and photosynthetic properties of leaves in boreal forest tree species. This data set describes the spatial and temporal relationship between foliage nitrogen concentration and photosynthetic capacity in the canopies of black spruce, jack pine, and aspen. The data were collected from June to September 1994 and are useful for modeling the vertical distribution of carbon fixation for different forest types in the boreal forest.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/boreas/TE/te09npd/comp/TE09_NITROGEN_PHOTO.txt.

ORNL DAAC maintains information on the entire [BOREAS Project](#).

Data Citation:

Cite this data set as follows:

Dang, Q., H. Margolis, and M. Coyea. 1998. BOREAS TE-09 Photosynthetic Capacity and Foliage Nitrogen Data. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. [doi:10.3334/ORNLDAAC/343](https://doi.org/10.3334/ORNLDAAC/343).

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Data Format:

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see the companion file <http://www.daac.ornl.gov/boreas/TE/te09npd/comp/te09npd.def>.

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