BOREAS TE-09 PHOTOSYNTHETIC RESPONSE DATA

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Summary:

The BOREAS TE-09 team collected several data sets related to chemical and photosynthetic properties of leaves. This data set describes (1) the response of leaf and shoot-level photosynthesis to ambient and intercellular CO2 concentration, temperature, and incident PAR for black spruce, jack pine, and aspen during the three IFCs in 1994 in the NSA; (2) the response of stomatal conductance to vapor pressure difference throughout the growing season of 1994; and (3) a range of shoot water potentials (controlled in the laboratory) for black spruce and jack pine.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/TE/te09prd/comp/TE09_Photo_Resp.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 Response 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/344.

References:

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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://daac.ornl.gov/daacdata/boreas/TE/te09prd/comp/te09prd.def.

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