

# **BOREAS TE-10 LEAF OPTICAL PROPERTIES FOR SSA SPECIES**

## **Summary:**

The BOREAS TE-10 team collected several data sets in support of its efforts to characterize and interpret information on the reflectance, transmittance, gas exchange, oxygen evolution, and biochemical properties of boreal vegetation. This data set describes the spectral optical properties (reflectance and transmittance) of boreal forest conifers and broadleaf tree leaves as measured with a Spectron Engineering SE590 spectroradiometer at the SSA OBS, OJP, YJP, OA, OA-AUX, YA-AUX, and YA sites. The data were collected during the growing seasons of 1994 and 1996.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/boreas/TE/te10opt/comp/TE10\\_Leaf\\_Optic.txt](http://daac.ornl.gov/boreas/TE/te10opt/comp/TE10_Leaf_Optic.txt).

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

## **Data Citation**

Cite this data set as follows:

Middleton, E., and J. Sullivan. 2000. BOREAS TE-10 Leaf Optical Properties for SSA Species. 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/531](https://doi.org/10.3334/ORNLDAAC/531).

## **References:**

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## **Data Format:**

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see this companion file <http://daac.ornl.gov/boreas/TE/te10lopt/comp/te10lopt.def>

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### **Document Curator:**

[webmaster@daac.ornl.gov](mailto:webmaster@daac.ornl.gov)

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