



Become "Tree Detectives":

Identifying Evergreen Trees...



Pine species have needles in a bundle.



Deciduous (broadleaf)

Conifer (evergreen)

Broadleaf trees loose their leaves in the autumn when the daylight gets shorter and temperatures get cold.

Evergreen trees have needle-like leaves that hold on year around. All evergreen trees make cones that have seeds in them.

Tamarack is one example of a conifer that is not evergreen. Every autumn the needles turn yellow and drop to the ground. Each spring new needles grow back.



Prepared by John L. Smith, Research Associate



Fir species have flat shaped needles and cones that sit upright on the branches.



Spruce species have needles with four sides and cones that hang down from the branches.

F-374/August 2001 IOWA STATE UNIVERSITY University Extension Common Trees of Iowa - ISU Forestry Extension http://www.exnet.iastate.edu/pages/tree

http://Project.bio.iastate.edu/trees/campustrees/ISU_trees.html

Web Based Tree Identification Information Trees and Shrubs of the ISU Campus

What Tree Is That? - National Arbor Day Foundation http://www.treelink.org/whattree/index.htm

Dendrology Page - Virginia Tech http://www.fw.vt.edu/dendro/dendrology/dendrohome.htm

Tree Identification Books

Forest and Shade Trees of Iowa. Peter J. van der Linden & Donald R. Farrar, Iowa State University Press. To order call: 1-800-862-6657, b/w photos.

North American Trees. Richard J. Preston Jr., Iowa State University Press, b/w drawings.

Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propogation & Uses. Michael A. Dirr, Stipes Publishing L.L.C. Champaign, IL. b/w drawings.

Audubon Society Field Guide to North American Trees - Eastern Region. Elbert L. Little, Alfred A. Knopf. color photos.

Additional Material

T.R.E.E. trunk (Tree Resource Environmental Education) available for loan, ISU Forestry Extension at 515-294-6739 or Trees Forever at 1-800-369-1269.

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