

ATLANTIC WHITE-CEDAR

Chamaecyparis thyoides (L.) B. S. P.

Atlantic or coast white-cedar is found in bogs or low areas along ponds or streams at Newbert Pond in Appleton, Knight Pond in Northport, and from Cape Elizabeth south through York County. In Maine it rarely reaches a height of over 40 feet. The short branches come out from a gradually tapering trunk, giving the tree a conical appearance. The twigs are only slightly flattened.

The **bark** is fibrous, grayish to reddish brown, often with twisted spirals, and on young trees is easily pulled off in strips.



The **leaves** are bluish-green, scale-like, and arranged in somewhat fan-shaped clusters. When crushed, they give off an aromatic odor.

The **cones** are small, round, smooth and purplish in color before maturity, about $\frac{1}{4}$ inch in diameter with tack-like scales. They persist through the winter, but are very inconspicuous.

The **wood** is light, close-grained, strongly fragrant, and light brown in color tinged with red. It is brittle and therefore of limited use. The shavings are used for dog-bedding.

NORTHERN WHITE-CEDAR

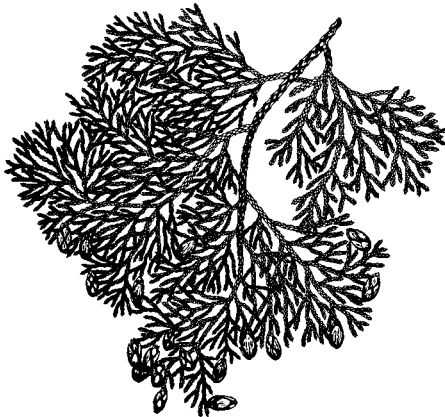
Thuja occidentalis L.

Northern white-cedar or eastern arborvitae is generally found in swamps, along streams, mountain slopes and old pastures where the soil is moist. Dense stands are widely distributed statewide. It is most abundant in the northern and eastern sections, and grows best on alkaline soils. It is widely used as an ornamental.

The head is compact, narrow and pyramidal in shape. The branches are horizontal, short and turned upward. Trees grow to 60 feet in height and to 3 feet in diameter. The trunk is often very strongly buttressed.

The **bark** has shallow fissures, which divide it into flat narrow ridges. It is reddish brown in color, tinged very often with orange.

The **leaves** are opposite or two-ranked, usually only about



1/8 inch long, scale-like, blunt, and so arranged as to make the small branches flat in shape. They have a pleasant, aromatic odor, and a rather pleasing taste.

The **cones** are erect, small, about 1/2 inch long, with only a few pairs of scales. They mature in one season. The seed is small and winged.

The **wood** is soft and light, coarse-grained, brittle, has very durable heartwood and a fragrant odor. It is used primarily for shingles, slack cooperage, poles, posts, rustic fencing, and is sawed into lumber for boxes, crates, siding, and boats. More recently, cedar has emerged as a viable alternative to pressure-treated wood. Cedar, naturally weather-resistant, is used for decks and outdoor furniture.

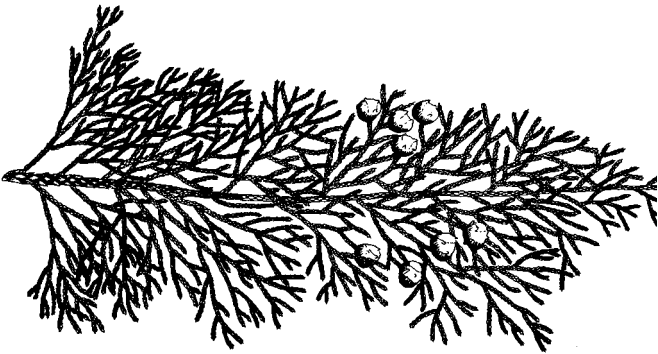
EASTERN REDCEDAR

Juniperus virginiana L.

Eastern redcedar is not a common species in this state. It grows on poor soils, gravely slopes, rocky ridges, and on moist, sandy ground. It is found intermittently in southern Maine and locally in Bridgton, Porter, Denmark, and West Gardiner. It gets the name "redcedar" from the red color of the heartwood.

It is very variable in its habit. Young trees have slender horizontal branches, and a narrow, compact, conical head. The crown of old trees becomes broad and much rounded. In this state, trees attain a diameter of 8 - 12 inches, and a height of 30 feet.

The **bark** on the trunk is light brown, tinged with red, and separating into long, narrow shreds on old trees.



The **leaves** are scale-like, overlapping, about 1/16 inch long, dark green, and remain on the tree 5 - 6 years, growing hard and woody the third season. Branchlets appear square in cross section. Current growth and vigorous shoots contain sharp-pointed, awl-shaped leaves; the so-called "juvenile" growth.

The **fruit** is berry-like, globose, 1 - 2 seeded, pale green at first, dark blue when ripe, and is about the size of a pea.

The **wood** is brittle, fine-grained, light, easily worked, durable, and very aromatic. The heartwood has a dull red color. It is valuable for fence posts and cabinet making, but in Maine it is not sufficiently plentiful to be of commercial importance. The shavings of this species are used as bedding for pets.