

SUMMARY OF TREE AND SHRUB FRUIT CROP

STEPHEN W. EATON

Everyone will admit that there is a great deal of subjectivity in judging the general fruit crop over such a wide geographic and ecologic area as New York State. But from the reports obtained from the regional editors of all ten regions on the status of a representative group of trees and shrubs certain general conditions appear which may help to explain winter finch distribution, and perhaps attendant predators. It would be advisable to standardize a sampling procedure to judge fruit crops more accurately but this seems too far from fruition to attempt at this stage.

The cone crop of the Adirondacks appears to be generally fair to good. Hemlock, the dominant conifer of the Allegheny Plateau, has generally a good crop. *Carpinus* (variously known as ironwood, blue beech, water beech) produced good seed all across the Plateau. No general statement seems warranted about the unpredictable American Beech. Wild Black Cherry varied from poor on the western Plateau to from fair to good in the east.

Where commitments were made on the various species a total of 70 good estimates, 37 fair, and 9 poor were tallied. This indicates a generally fair to good larder available.

	Adiron- dacks*	Ontario Lake Plain	Western Allegheny Plateau	Eastern Allegheny Plateau	Lower Hudson & L. I.
Red Pine -----	-	-	-	-	-
White Pine -----	P-G	-	P	F-G	-
Pitch Pine -----	-	-	-	-	-
Larch -----	F-G	-	-	-	-
White Spruce -----	F	-	-	-	-
Black Spruce -----	F	-	-	-	-
Red Spruce -----	F	-	-	-	-
Balsam -----	F-G	-	-	-	-
Hemlock -----	F	-	G	F-G	-
Arborvitae -----	F-G	-	-	G	-
Red Cedar -----	-	P-G	-	G	F
Bayberry -----	-	-	-	-	G
Ironwood (<i>Ostrya</i>) -----	-	-	P	G	-
Blue Beech (<i>Carpinus</i>) -----	-	-	G	G	-
Yellow Birch -----	F	-	G	P-G	-
White Birch -----	G	-	-	F	-
American Beech -----	F-G	F-G	P-F	F-G	-
White Oak -----	-	F-G	F	F-G	G
Red Oak -----	-	-	F	F-G	-
Cucumber Tree -----	-	-	G	-	-
Mountain Ash -----	F-G	-	-	G	-
Thornapple -----	G	G	F	G	-
Wild Black Cherry -----	F-G	-	P	F-G	-
Box Elder -----	-	F-G	-	G	F
Sugar Maple -----	F	-	F	F-G	-
Grey Dogwood -----	-	G	-	-	-
Red Osier Dogwood -----	-	F-G	-	-	-
White Ash -----	-	-	P	F-G	-
Black-berried Elder -----	-	G	G	F-G	-
Sour Gum -----	-	-	-	-	G
Russian Olive -----	-	-	-	-	G
Japanese Black Pine -----	-	-	-	-	F-G

*REGIONS OR PARTS

OF REGIONS ----- *(5, 6, 7) (1, 2, 5, 6) (1) (4, 8) (10)
 Dep't. of Biology, St. Bonaventure Univ., St. Bonaventure