

of southern species continues with Titmice increasing in several regions. Watertown had Cardinals and a Mockingbird. On Long Island and along Ontario the flight of Red-breasted Nuthatches was heavy, and late fall brought back winter finches for the first time in two years. GRR

## SUMMARY OF TREE AND SHRUB CROPS

| Region                | 1   | 2  | 3  | 4  | 5   | 6   | 7   | 8 | 9 | 10  |
|-----------------------|-----|----|----|----|-----|-----|-----|---|---|-----|
| Red Pine              | —   | F  | —  | P  | P   | F   | P   | F | P | —   |
| White Pine            | P   | F  | —  | P  | P   | F   | F   | F | P | F   |
| Pitch Pine            | —   | F  | F  | —  | P   | —   | F   | F | P | F   |
| Larch                 | —   | G  | —  | —  | G   | G   | P   | P | P | —   |
| White Spruce          | —   | —  | —  | P4 | F   | P   | P   | P | P | —   |
| Black Spruce          | —   | —  | —  | P  | F   | P   | P   | F | P | —   |
| Red Spruce            | —   | —  | —  | P  | F   | —   | P   | F | P | —   |
| Balsam                | —   | —  | —  | P  | F   | F   | P   | F | P | —   |
| Hemlock               | P   | P  | F  | F  | G   | G   | P   | P | P | —   |
| Arbor-vitae           | —   | F1 | P  | F  | P   | P   | F   | P | P | —   |
| Red Cedar             | —   | F1 | F  | P  | F   | P   | F   | P | — | F   |
| Bayberry              | —   | G1 | P  | —  | —   | —   | G   | — | — | P14 |
| Ironwood (Ostrya)     | P   | F  | F  | —  | P   | G   | G   | P | — | —   |
| Blue beech (Carpinus) | P   | F  | P  | P  | P   | F   | P   | P | — | —   |
| Yellow Birch          | F   | F  | —  | P5 | F   | G   | F   | F | — | 15  |
| White Birch           | —   | F  | —  | P  | P   | G11 | G   | F | F | —   |
| American Beech        | P   | P  | P  | P6 | P   | P   | P13 | P | F | —   |
| White Oak             | F17 | F  | P  | P  | P   | G   | F   | P | F | G   |
| Red Oak               | P   | G  | P  | P  | P   | G   | F   | F | F | G   |
| Cucumber Tree         | P   | —  | —  | —  | —   | —   | P   | — | F | —   |
| Mountain Ash          | —   | G1 | P  | P  | P   | G   | —   | G | P | —   |
| Thornapple            | —   | F  | P2 | P  | G   | F   | G   | F | P | —   |
| Wild Black Cherry     | G   | G  | F  | F7 | G   | G   | G   | P | P | G   |
| Box Elder             | —   | G  | FP | G  | G9  | G   | G   | G | P | —   |
| Sugar Maple           | P   | F  | P  | P  | F   | F   | G   | P | P | —   |
| Grey Dogwood          | —   | G  | P3 | F  | F   | —   | F   | — | — | F   |
| Red-osier Dogwood     | —   | F  | P  | F  | F   | —   | F   | F | — | —   |
| White Ash             | P   | G  | —  | P  | G   | G   | F   | P | — | —   |
| Black-berried Elder   | F   | G  | —  | G  | G   | G   | F   | G | — | —   |
| Geenal Crop Estimate  |     | F  | P  | P8 | F10 | G12 | F   | P | P | 16  |

Notes: 1—mostly cultivated forms; 2—worst in years; 3—no dogwoods did well; 4—good at Deposit; 5—good at Endwell; 5—very poor everywhere; 7—varied; 8—others in Region 4: apples, bittersweet, wild grape poor, staghorn sumac fair, nannyberry, barberry, multiflora rose good; 9—very, very abundant; 10—ornamental evergreens, especially spruces appear to have a fair cone crop; wild apple and wild grape very good; wild seeds very abundant; 11—heavy; 12—except pines; most information from Art Walrath; 13—no beechnuts at all, wild apples poor, dry season; 14—barberry one of worst recent years; 15—Long Island birch good; 16—some other Long Island crops affecting winter birds: Japanese black pine: FG, Russian olive or silverthorn: very good, favorites with fall thrushes and in some years Western Tanagers; 17—Cattaraugus Co. only by Steve Eaton.