

THE NEW YORK FOREST OWNERS ASSOCIATION



Editor Evelyn Stock 5756 Ike Dixon Rd. Camillus, NY 13031

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Fifty year old Norway Spruce Plantation Heiberg Memorial Forest, Cortland County, New York.

Photo by Norm Richards

Welcome Our New Members

Dr. John Aronian 438 E. 87th St. New York, NY 10028

Mr. Stephen Bakke Baptist Church Rd. Yorktown, NY 10598

Mr. Henry Barnett Guard Hill Rd. Bedford, NY 10506

Mr. Fred Beardsley 291 Ravencrest Rd. Yorktown, NY 10598

Dr. Rose Marie Beston President, Nazareth College 4245 East Ave. Rochester, NY 14610

Mrs. Frances Billingsley Frances Dr. Somers, NY 10589

Mr. John Chase Baldwin Rd. Yorktown, NY 10598

Schuyler Cornthwaite RD #3 Ballston Spa, NY 12020

Richard L. Cramer 410 State Tower Bldg. Syracuse, NY 13202

Mrs. John Elliott Colonel Greene Rd. Yorktown, NY 10598

Mr. Hamilton Fish, Jr. Millbrook, NY 12545

Kent Goodermote Berlin, NY 12022 Mrs. Francis Goodhue, Jr. McLain St. Mount Kisco, NY 10549

Larry Gust 262 Victor-Egypt Rd. Victor, NY 14564

S.L. Hammond 20 Lorraine Dr. Cortland, NY 13045

Mr. John Hand Burgess Rd. Yorktown, NY 10598

William Hohmann P.O. Box 139 Kinderhook, NY 12106

Richard & Carla Hunt P.O. Box 77 Locke, NY 13092

Walter Ifflander 4932 Crittenden Rd. Akron, NY 14001

Mr. & Mrs. Richard S. Lee 4 Brookwood Rd. Pittsford, NY 14534

Mr. John Luke Longmeadow Rd. Bedford, NY 10506

John A. McGill South Hill, Box 333 Grahamville, NY 12740

John Muehl RD #2, Box 380 Schenevus, NY 12155

Lucien B. Myers Box 53 Vermontville, NY 12989 Kirkwood Personius 26 Commodore Dr. Rochester, NY 14618

Mike Quintavalle 25 Lakeview Terr, Staten Island, NY 10305

Mrs. Kerr Rainsford Hook Rd. Katonah, NY 10536

Dr. Joseph Rintrona Spruce Ridge Old Forge, NY 13420

Charles F. Rocca P.O. Box 115 Pyrites, NY 13677

Mr. Daniel Rochford RFD #1 Hunterbrook Farm Yorktown, NY 10598

Mr. William H. Savage 333 E. 68th St. New York, NY 10021

Frank Shirley Shirley Forest, Inc. 18219 S. Vaughn Rd., KPN Vaughn, WA 98384

Donald M. Spencer RD #2, Box 315 Oswego, NY 13126

Thomas F. Stauffer 113 Standish Dr. Syracuse, NY 13224

Mr. John Wilkens White Hill Rd. Yorktown, NY 10598

Tomorrow's Forests Begin Here.

This is the sign of the future for American Forestry. It indicates one of the more than 50,000 Tree Farms being managed by private landowners for the growing and harvesting of forest crops.

A Tree Farm is not just a matter of planting trees, or having 10 acres or more of woodland. Tree Farmers actively manage their forests . . . growing and harvesting crops of trees; protecting the land from fire, insects, disease and destructive grazing. They provide watershed protection, better food and habitat for wildlife, and opportunities for outdoor recreation.

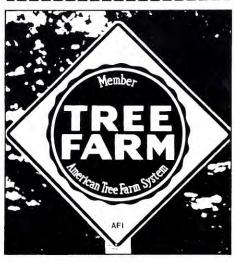
And it is the Tree Farmer who will make possible the lumber, wood fiber, and other natural resources America needs for tomorrow's growth.

If you have 10 acres or more of woodland, why not send for information on this valuable program? Tree Farms pay off for their owners and for our country.

This advertisement contributed as a public service by:

New York Tree Farm Committee

r	Alan Scouten, Chm.
i	c/o Georiga-Pacific Corp.
ĺ	Center Street, Box 338
ļ	Lyons Falls, NY 13368
-	I am interested in additional information on how I can manage my woodlands to meet Tree Farm Standards.
1	Name
	Phone
!	Address
	City
!	State/Zip





The President's Message

"Trees, Glorious Trees"

Remember the musical "Oliver" and the great song "Food, Glorious Food?" For me, it's "Trees, Glorious Trees!"

Perhaps food and trees do have something comparable in that each may be taken for granted until we have a threat to the supply, through disease or misuse of quantity. Fortunately, most of us have never been seriously starved, perhaps just hungry. We THINK we know the feeling of those who have suffered malnutrition and hunger. But — how many of us really understand what it would be like in an environment void of trees? The threats are there! In the cities the elms' disease was a shock to the community at large, before that the chestnuts. Currently the beech blight, gypsy moth damage, maple and ash dieback are creating big problems. Where will it all end?

For twenty-two years NYFOA has been trying to help people develop a consciousness of the importance of trees in our environment. Whether one rents an apartment, owns a condominium, an acre, a woodlot, or a forest, the value of trees in our lives should not be underestimated.

An example of a subliminal awareness: On a hot summer day, notice how the parking spaces in a blacktopped parking lot are first taken where a tree has shaded the spot! Restrictive measures for conservation in Davis, California are somewhat of a surprise for those of us who live in this area of abundant water and adequate power. The building and development ordinances include such restrictions or demands as shade trees for parking lots, as well as favorable exposure for sun and breezes for homes and apartment buildings.

NYFOA has been doing a fine job in reaching more people who can make a difference in the overall scheme of ecology. Our membership increases monthly and we hope everyone will spread the word of better management of the woodlands as well as the suburban and urban value of trees.

Trees are so vital to all our lifestyles. Let's continue to care about them and to know more about their health and value for us and our state.

-Mary Soons McCarty

New York Forest Owner

New York Forest Owners Association HISTORICAL NOTES

by Dave Hanaburgh

The New York Forest Owners Association was incorporated under the laws of the State of New York on August 12, 1963. The NYFOA grew out of two Forest Land Owners Forums held on November 9, 1961, and October 9, 1962, at the N.Y. State University College of Forestry, Syracuse, New York. These meetings were sponsored by the N.Y. State Forest Practice Board with the support of the Conservation Department, the College of Agriculture, the College of Forestry and about 200 forest land owners. From these meetings, the NYFOA was formally organized at the first spring meeting on April 27, 1963. This all sounds simple when you say it fast, but it took a lot of study and careful consideration.

At the Second Forest Land Owners Forum in October, 1962, Chairman Harold Peet called upon Dean Hardy L. Shirley to outline services and objectives of a proposed forest owners association. More than 100 forest land owners and others voted overwhelmingly to establish such an association. A Faculty Committee on Forest Land Owners Association was set up at the Syracuse College of Forestry. This committee was composed of Dean Svend Heiberg, Chairman, Dr. William A. Duerr, Dr. Paul E. Graves and Prof. Ralph G. Unger. Much thought and effort went into the planning and preparation of a constitution and by-laws for the proposed NYFOA.

At the first Annual Meeting of the NYFOA on April 27, 1963, at the College of Forestry, a Board of 15 Directors was elected. These, in turn, elected Theodore T. Buckley, President; Harold J. Evans, Jr., First Vice-President; Harold H. Smith, Second Vice-President; and Barbara S. Pittenger, Secretary-Treasurer.

By May 11, 1963, Barbara Pittenger found the rapidly growing demands on the Secretary-Treasurer too time consuming. She retained the post of Treasurer but resigned as Secretary. The Board appointed Floyd E. Carlson as Secretary. By this appointment the College of Forestry made available to NYFOA the services of Floyd Carlson, his secretary and the facilities of his office at the college. In effect, the NYFOA had acquired an Executive Secretary.

One of the questions asked every year by old and new members alike is: "Will, or can, the NYFOA survive?" The answer probably is, "The NYFOA will survive as long as its members want it."

There are great advantages in a paid or subsidized Executive Secretary - the primary one being to remove the responsibility of day-to-day administration from the shoulders of the membership. The removal of this responsibility permits the membership to become lazy. Soon the Executive Secretary is not only performing the administration, but tends to direct policy and development with the consent of the membership.

The alternative to an Executive Secretary is dedicated volunteer service. The problem is again related to membership laziness. When the NYFOA finds a dedicated volunteer, it tends to work that volunteer to death or frustra-

The Forest Owner started in 1963 as a newsletter from Floyd Carlson's office. It has developed into an influential publishing enterprise requiring the dedication of several volunteers, chief of whom is the Editor. This is a business enterprise that consumes more than two-thirds of the annual budget.

During 1963 and early 1964 the Treasurer had the job of collecting the dues and monitoring the membership. By August 1964 this job became too much for Barbara Pittenger and she resigned. A new job of Membership Secretary was created and combined with the job of Treasurer. Mrs. Luella B. Palmer took over this job and held it until October 1969, a few months before she died. During her tenure as Membership Secretary, Mrs. Palmer had to collect the dues, update the mailing list for the Forest Owner and carry on a continuous correspondence with individual members. Upon the resignation of Mrs. Palmer the job of Treasurer was taken over by her husband Emiel, who had long been a key supporter of NYFOA.

Associate Dean Svend Oluf Heiberg died February 5, 1965, and NYFOA Director Dorothy Wertheimer proposed that the NYFOA set up an Annual Award in his memory. The first Heiberg Award was granted to Dean Hardy Shirley in 1966.

Floyd Carlson retired in 1969. With this retirement the administrative support of the College of Forestry lapsed. The NYFOA went through an anxious period of readjustment. The Forest

Owner went through several volunteer Editors in succession until Alan Knight set it on a definite road to improvement. The Membership Secretary problem was eventually solved by the appointment of Helen Varian who carried on in the tradition of Luella Palmer until 1981 when the job was taken over by George Mitchell. Following the retirement of Floyd Carlson, Lewis DuMond was appointed Recording Secretary where he served with dedication until 1984.

In April 1978, Evelyn A. Stock took over as Editor of the Forest Owner after several interim editors. After nearly six years of dedicated service to this job she has decided to retire.

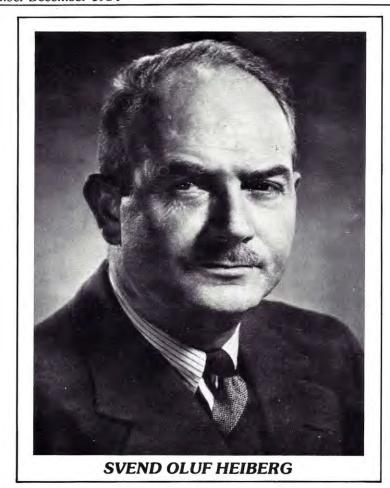
The New York Forest Owners Association is a permanent forum for forest owners of all kinds to express their ideas, exchange experiences, advance their knowledge and to accommodate their differences.

Presidents of the NYFOA

From the founding through 1984

Theodore T. Buckley RD 2 Cambridge, NY 12816 Dr. Eugene Klochkoff 20 E. 74th St. New York, NY 10021 David H. Hanaburgh Craft Lane Buchanan, NY 10511 John W. Stock Tupper Lake, NY 12986 Hendrik W. VanLoon South Newfane, VT 05351 William Lubinec 20 Cornish Ave. Binghamton, NY 13901 Llovd G. Strombeck 57 Main St. Owego, NY 13287 C. Eugene Farnsworth 1219 Lancaster Ave. Syracuse, NY 13210 Robert M. Sand Odessa, NY 14869 Howard O. Ward 240 Owego St. Candor, NY 13031 Robert L. Edmonds RD 1, Box 99 Marathon, NY 13803 Paul B. Steinfeld Gilead Tree Farm Halcott Center, NY 12437 Mary Soons McCarty

4300 East Ave. Rochester, NY14618



THE HEIBERG AWARD

Svend Heiberg is credited with the initial proposal to establish an Association of Forest Landowners in New York State. Shortly after his death the Board of Directors of NYFOA set up a Committee, under the Chairmanship of Dorothy Wertheimer, to establish an award in his memory.

At its 20th meeting held in Syracuse on November 6, 1965, the NYFOA Board of Directors heard a report by the Heiberg Memorial Award Committee. This report was unanimously approved. The first award was made at the Fourth Annual Meeting, held in Syracuse, April 30, 1966 to Hardy L. Shirley, who had worked diligently with Svend Heiberg to establish the New York Forest Owners Association.

Since that time there have been ten more Heiberg Memorial Awards:

1967 David B. Cook

1968 Floyd Carlson

1969 Mike Demeree

1970 No award

1971 Fred Winch, Jr.

1972 John Stock

1973 Robert M. Ford

1974 C. Eugene Farnsworth

1975 Alex Dickson

1976 Edward W. Littlefield

1977 Maurice Postley

1978 Ralph Nyland

1979 Fred C. Simmons

1980 Dr. William Harlow

1981 Curtis Bauer

1982 Neil B. Gutchess

1983 David W. Taber

1984 John W. Kelley

The qualifications for this award as established by the Board of Directors, November 6, 1965, are:

Any person over 18 years of age with a forest interest in New York State who, in the judgement of the Award Committee, has during the preceding year, brought to fruition, who has conceived and completed a significant project in the field of conservation, land use, land restoration, forest management or other actions in keeping with the aims and purposes of the New York Forest Owners Association may be a candidate.

Reference: Forest Owner, Vol. III, #9, December, 1965.

THE HEIBERG AWARD

The Heiberg Award is a prestigious award presented each year at the spring meeting to a person who has contributed significantly to the practice of Forestry. This is your opportunity to see that recognition is given.

Nominations may be submitted by anyone but must be received before January 1, 1985.

Send your nomination with brief background information about your candidate and the reason why you feel your candidate should be nominated to Robert Sand, c/o Cotton Hanlon, Cayutta, NY 14824.

NEW YORK FOREST OWNERS ASSOCIATION AWARD... WINNERS

For the past few years there had been a growing concern on the part of the Board of Directors about recognizing outstanding service to the New York Forest Owners Association and its membership.

Most of the people who work for the New York Forest Owners Association are not even paid expenses. Many make considerable sacrifices in time, convenience, and resources.

In 1977, the NYFOA Board of Directors voted to establish a New York Forest Owners Association Outstanding Service Award.

The Heiberg Award recognizes outstanding service to Forestry in New York State, whereas the NYFOA Award recognizes service to the organization. Designed primarily to recognize outstanding service by members, at the discretion of the awards committee, it could be awarded to a nonmember of the NYFOA.

Candidates for this award may be submitted by any member of the NYFOA to the awards committee. It is anticipated that this award will be made annually at the discretion of the NYFOA Board of Directors. Award winners have been:

1978 Emiel Palmer

1979 Ken Eberley

1980 Helen Varian

1981 J. Lewis DuMond

1982 Lloyd Strombeck

1983 Evelyn Stock

1984 Dorothy Wertheimer

BYLAWS OF NEW YORK FOREST OWNERS ASSOCIATION, INC.

 The New York Forest Owners Association, Inc. is incorporated under the laws of New York, with principal office located in the City of Syracuse, Onondaga County, New York

OBJECT:

 The Association is organized for the purpose of promoting, protecting, and representing the interests of owners of N.Y.S. forest lands.

LIMITATIONS:

 The Association shall take no part in, or support the election or appointment of any candidate for political office.

MEMBERSHIP:

- Membership shall be open to anyone in sympathy with the objectives of the Assoc.
- 2. Any person, firm, association or corporation interested in the general welfare of the forest lands of N.Y.S. shall be eligible to membership. Any firm, association, or corporation may acquire more than one membership and may designate an individual to represent each membership, but shall be entitled to cast only one vote. Multiple membership representatives may be changed upon written notice to the Association.
- 3. Annual dues shall be announced in February and are due and payable by March 31. Annual dues shall be as follows: Junior Member (under 21, non-voting) \$3.00; Regular Member \$10.00; Family Membership \$15; "Gift" Membership \$8.00; Sustaining \$30 to \$99.00; Contributing \$15 to \$29.00; Supporting Member \$100 to \$499.00; Sponsoring Member \$500.00 and up. Beginning with the 1980 annual meeting of the Association, and each year thereafter, a Schedule of Annual Membership Dues will be presented for approval by the membership for the successive calendar year. (See back cover)

ELECTIONS:

 Written applications for membership shall be made to the Membership Secretary. It shall be regarded as a guarantee on the part of the applicant of his interest in and sympathy with the purposes of the Assoc., and of his adherence, if elected, to its bylaws, rules and regulations.

Election to membership shall be subject to the approval

of the Board of Directors.

Honorary members may be appointed by the Board of Directors, subject to approval by the membership.

EXPULSION:

 Any member failing to pay Asso. dues for one year shall automatically be dropped.

RESIGNATION:

 Resignations shall be accepted by the Board of Directors for paid-up members only.

MEETINGS:

 One annual business meeting of the Asso. shall be held during the month of April within the State at a location, time and place designated by the Board of Directors. Notice of such meeting shall be mailed by the Secretary at least 30 days prior to such date to all regular active voting members.

- 2. Regular or special meetings of the Asso. may be called by the Board of Directors, or by direction of the President, or by written request of fifty (50) active members. All notices of special meetings shall specify the purpose of such meeting, and be mailed to the membership 30 days before the meeting date.
- A quorum at membership meetings shall be 25% of the active members or 35 members, whichever is the smaller.

BOARD OF DIRECTORS:

- The government of the Asso., the direction of its work and the control of its property shall be vested in a Board of Directors consisting of 21 members, each in good standing,
- One additional voting member of the Board may be appointed by each regional affiliate.
- 3. The Board shall be elected by mail ballot sent to all members two weeks prior to the Annual Meeting, at which time the directors elected shall be announced. During or before January of each year, the Pres. shall appoint a nominating committee with the secretary and membership secretary serving as ex officio members. The function of the nominating committee will be to see that one or more candidates for each vacancy is nominated and that such nominees accept the responsibility to serve if elected. Directors will be elected on the basis of voting plurality. No person may succeed himself after serving six consecutive years as an elected board member.
- 4. The Pres. shall appoint a committee of three tellers who are not members of the Board or candidates for election, to count the mail ballots and report results to the Board.
- 5. Vacancies caused by death, resignation, or inability of directors of officers to serve shall be filled by the Board of Directors until the next annual meeting. Five (5) successive unexcused absences from Directors meetings shall be interpreted as inability to serve.

MEETINGS:

- Meetings of the Board may be called at dates the Directors agree upon.
- Special meetings of the Board may be called at any time by the Pres.
- 3. A majority of the Board will constitute a quorum.
- 4. There shall be an annual meeting of the Board at the close of the fiscal year and prior to the annual meeting for the purpose of summarizing the year's work and developing current plans.

OFFICERS:

 Within 30 days after the Annual Meeting, directors shall meet for the purpose of electing officers and carrying out recommended procedures.

They shall elect a *President*, *First Vice President*, *Second Vice President* from their own number, and a *Secretary*, *Membership Secretary* and a *Treasurer* who may or may not be directors. Candidates for any office of this Asso. may be selected by the elected Board from first or second term directors whose term expired immediately prior to the annual meeting.

No president may serve more than two consecutive one year terms.

The Board may appoint an Executive Vice President to be the administrative officer of the Assoc., with duties to promote and carry out the objectives of this Assoc., subject to the approval of the Board. He shall advise the board in matters pertaining to the Assoc., and shall serve as liaison with other forestry related groups, conduct the public relations of the Assoc., aid in the formation and work of the committees, manage headquarters, and maintain Asso. records.

The *Treasurer* shall furnish a surety bond in such amount as the Board shall deem necessary, at Assoc. expense.

- The duties of the officers shall be such as their titles indicate, and such as required by law, and as may be assigned to them by the Board.
- The President shall preside at all meetings and perform all duties incident to his office and advise such action as may be deemed likely to increase the usefulness of the Assoc. The Vice President shall act in his absence.
- 4. The *Treasurer* shall receive and disburse the funds of the Assoc. on order of the Board. He shall keep all moneys of the Assoc. deposited in its name and submit a written financial statement at the close of each fiscal year.
- 5. The Secretary shall keep records of all transactions, send out notices of meetings, keep accurate minutes of such meetings, and cooperate with the other officers in properly transacting the business of the Asso. and assisting them in making their annual reports.
- NO OFFICER may commit the Asso, either by writing or speaking in matters of policy or controversy without approval of the Board.
- The Board of Directors at any scheduled meeting may remove any officer by two-thirds (2/3) vote of the Board present and voting.

COMMITTEES:

- There shall be an executive committee of the officers of the Assoc., which may transact routine business in the interim between Board meetings, subject to the final approval by the Board.
- It shall be the duty of the Pres., with Board approval, to appoint the following committees to function during the ensuing year:
 - Membership Committee, with the Membership Secretary as ex officio member.
 - b. Publicity Committee of 3 members.
 - c. An Auditing Committee of 3 members.
 - d. A Program Committee of 6 members.
 - e. A Budget Committee of 3 members.
 - f. A Nominating Committee of 3 or more members.
- The Pres. may appoint other committees as needed, or as the Board desires.

TRUST PROPERTY MANAGEMENT BOARD (TPMB):

- The Board of Directors will appoint a Trust Property Management Board of five members. Each member will serve for five years, and the terms will be assigned so that the term of one member expires each year and a new assignment is made. One year must elapse between terms served by an individual as a member of this board.
- 2. The TPMB shall elect its own officers.
- 3. Members of the TPMB will serve voluntarily without pay.
- Any member of the TPMB can be removed by a threefourths vote of the Board of Directors.

- 5. The duties of the TPMB shall be:
 - a. To acquire property in the name of the New York Forest Owners Association, Inc. and/or to manage property in a manner appropriate to the objectives of the corporation.
 - b. To keep the Board of Directors informed of all matters pertinent to the trust property, and to make recommendations for consideration and approval at a regular meeting of the Board of Directors.
 - c. To report at each annual meeting of the Association.

HOUSE ORGAN:

- The Assoc. shall publish at regular intervals a newsletter or other type publication for the information, service and encouragement of its members.
- A qualified Editor shall be appointed by the Pres. with the approval of the Board. The Pres. may dismiss the Editor but only after the approval by the majority of the Board.

REGIONAL AFFILIATES:

- The Board of Directors may designate any regional group in New York State devoted to forestry and supporting the objectives of NYFOA, as a regional affiliate.
- A prospective regional affiliate should submit a written application to the President, indicating its objectives, number of members, and names of officers.
- The President should present the application to the Directors for action, including a determination of the annual fee to be charged.
- 4. Each organization accepted as an affiliate may annually name one of its officers or members as a Regional Vice-President of the NYFOA. Each Regional Vice-President shall be entitled to one vote in the Board of Directors.

CHAPTERS:

- 1. Any region having 10 or more members may organize a chapter of the Association for the promotion of membership, better forest land use, management and fellowship.
- 2. Each chapter shall elect a chairman, a vice chairman and secretary.

RECEIPTS & DISBURSEMENTS:

- The receipts from membership dues and other sources, when not specifically designated, shall constitute the general fund from which all Assoc. expenses incurred shall be paid.
- 2. No disbursement of funds of the Assoc. in excess of fifty (\$50.00) dollars shall be made without first being approved or ordered by the Board. All disbursements are to be by check, signed by the treasurer. The Board may require checks to be signed by another officer of the Assoc.

BUDGET:

 Prior to each fiscal year, the Chairman of the Budget Committee shall prepare a budget of anticipated revenues and expenses which shall be submitted to the Board for revision and approval, with final approval by the membership at the annual meeting.

SEAL:

1. The Corporation shall have no seal.

FISCAL YEAR:

The fiscal year shall be the calendar year.



Ruth Eberley

Float entered in Woodsmen's Field Days, Boonville, N.Y.

How Did I Get Involved In Forestry

by Ken & Ruth Eberley

When my Dad retired as the Supervisor of the textile mill, he was restless and bored. Along with my older brother, he started a woodlot; and, I worked for him for spending money.

We started building roads and firebreaks, miles of them, clearing land and planting red and white pine. We've planted thousands of trees over the years — most of them by hand using a maddock.

In 1954, I purchased a 130 acre farm upon which I planted Scotch pine for Christmas trees. My introduction to this industry was at a N.Y. Christmas Tree booth at the State Fair many years ago. When I observed the difference between the sheared and natural trees, I decided that Scotch pine that has had annual pruning and shearing made a beautiful Christmas tree.

Thereupon, I planted over the years 52,000 trees — twenty thousand of which were planted by machine and the remaining by hand using a maddock.

We wholesaled and retailed at our own lot for several years, along with making decorated Christmas wreaths.

Things went along smoothly until the Spring of 1971. After the heaviest snowfall seen in my sixty-five years on this earth, I decided to inspect my plantation to see what damage the snow had

done. I discovered that about 80% of my beautiful Christmas trees were damaged. I returned and informed Ruth that we were out of the Christmas tree business saying, "I'm going to let them grow wild."

So now I have acres of Scotch pine that just got away along with the original pine. However, I do have quite a few balsam fir — native to our area — which do very well.

In 1968, I bought 375 acres at Panther Mt. near Cooperstown. This is mixed Northern and Allegany hardwood such as red oak, ash, maple, cherry and beech.

Both of my woodlots are certified tree farms. I've had management plans drawn up on both woodlots plus a total of 350 acres of T.S.I. work done.

Over the years, my harvests have been good. Panther Mt. yielded 258 million board feet of lumber and 450 cords of pulpwood in six sales.

Ruth has supported me in forestry organizations. We have set up booths at the Woodsmens Field Days in Boonville for several years, had floats in their parade, promoting our organization at the N.Y. State Fair and Empire Farm Days.

Several years ago, we held a woods walk at Panther Mt. to promote the proper care of this renewable resource.

Although experience has been my primary teacher, I have attended short courses at Cornell and Syracuse. When I learned that "ribes plants" (currants, gooseberries, etc.) spread blister rust which kills white pine trees, I removed the host plants and proceeded to warn other woodlot owners. "Spreading the word" is what I like to see all tree farmers do.

I believe a woodlot is a lot like a garden. It has to be worked and cared for. When it reaches maturity, it should be harvested.

I would recommend that every woodlot owner have a management plan drawn up by a forester; and, follow his recommendations.

I've been a director of the NYCTG Association for six years, a charter member of NYFOA and a director of this organization for nine years.

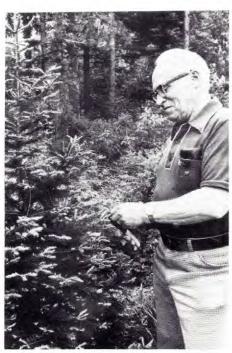
In 1979, I received an award for Outstanding Service to the NYFOA; and, in the same year, I captured the Outstanding Tree Farmer for New York State plus the Middle Atlantic States award by the American Tree Farm System.

Then and there I decided that life did not begin at forty, but, for me, at 72 years young.

My wife tells me that "Forestry should have been my vocation rather than my avocation!"

In my association with the NYFOA, I have met many wonderful people from all walks of life and made many marvelous friends.

P.S. When Bob Sand was president he made this statement and I quote, "You have done more for N.Y.F.O.A. than anyone."



Ken Eberley

WOODLAND OWNERS' FOREST MANAGEMENT CHECKLIST of RESOURCES

It is up to you to investigate the resources which are available to assist you in attaining your objectives relative to owning woodland.

Here is a list of a few publications and organizations which may help relative to the following concerns:

- 1. Value of Woodland and Maintaining a Woodlands' Beauty.
- 2. Value of standing timber (stumpage).
- 3. Establishing property boundaries for woodland.
 - 4. Protecting and improving wildlife.
 - 5. Harvesting timber.
- 6. Marketing stumpage for highest price.
 - 7. Timber harvesting.
- 8. State and local laws relating to logging.
 - 9. Saving tax dollars.
- A. Hardwood Market Report (weekly at \$95/yr.), Memphis, TN 38174-0042
- B. The Commercial Bulletin (weekly at \$16/yr.), 88 Broad St., Boston, MA 02110.
- C. The Extension Forester, Cooperative Extension, Cornell Univ., Ithaca, NY 14853.
- D. School of Forestry Workshops, SUNY ESF, (H.W. Burry), Syracuse, NY 13210.
- E. The Marketing Bulletin (for industry), (H.W. Burry), SUNY ESF, Syracuse, NY 13210.
- F. "Assistance for NY Forest Owners"—available from The Extension Forester (C.).
- G. "Cornell Bulletins: A Key to Successful Woodlot Ownership"—available from (C.).
- H. "Liability Considerations for NY Woodlot Owners"—available from (C.).
- I. "Recreational Access and Owner Liability"—available from (C.).
- J. "Property Boundary Line Trees"

 -available from (C.).
- K. "Extension Publications for Woodland Owners"—available from (C.).
- L. "Summary of Laws of Interest to Timber Harvesters"—available from (C).
- M. New York Forest Owner—publication of NYFOA (Forest Owners Assoc.)—contact George Mitchell, P.O. Box 69, Old Forge, NY 13420.
- N. The Northern Logger and Timber Processor—magazine—contact (M.)



I am off to other challenges, but I will miss you.

-Evelyn Stock, Editor



- O. "Directory of Cooperating Consultant Foresters"—available from local DEC office, or your local Extension Forester.
- P. "Handbook for Eastern Timber Harvesting"—for sale Supt. of Documents, Washington, DC 20402.
- Q. "Stumpage Price Report" (DEC compiled)—available from the local DEC office.
- R. New York State Woodsmen's Field Days, Boonville, N.Y. 3rd weekend in August, P.O. Box 123, Boonville, NY 13309 (c/o Ruth J. Thoden) Tel: 315-942-5112.
- S. RREP (Renewable Resources Extension Program) Local County Cooperative Extension Association in your county.

Continued from page 7

PARLIAMENTARY PROCEDURES:

 The proceedings of the Assoc. meetings shall be governed by and conducted according to the latest edition of Roberts Rules of Order Revised.

AMENDMENTS:

 Any article or section of these Bylaws may be amended, repealed or changed by a two-thirds vote of members present and voting at any Annual Meeting or special meeting of the Assoc. provided that notice of such proposed amendment, repeal, or change shall have been mailed to all members of the Assoc. at least 10 days prior to the date of such meeting.

Sagamore Meeting September 14-15, 1984

Our Fall meeting started out with a glorious, sunny Adirondack Fall day. Sagamore Lodge looked lovely and most appealing. It was easy to understand why the early industrialists of our nation chose the settings and the architectural styles they did as sites for relaxation and contemplation.

After a fine meal of roast beef, in ample volume, the 90 of us present enjoyed a most informative slide show narrated by Howard Kirschenbaum, Director of the Sagamore Conference Center. This excellent slide show put the history of the Adirondack region in perspective as well as helping to explain the forces leading to the development of the unique architectural style of the "great camps" of the region. Sagamore Lodge was built by the master of the style, Will Durant, as his own home. Only great financial difficulty forced him to sell it before his death.

Saturday provided us with a glimpse of another side of the Adirondack Fall season. The day broke on a heavy cloud cover promising rain to come. That promise was kept. After a hearty breakfast, Mary McCarty led the meeting, bringing the 100 members present up to date on our organization's activities. We approved the Regional Affiliate by-law amendment, honored Evelyn Stock with a rousing ovation for her many years of service as our Editor, and shared information on the doings of the Board of Directors.

Mike Demeree, Tax Committee Chairman of the Forest Practice Board and I then discussed the status of forest taxation legislative proposals. Mike focused on a proposed amendment to 480A which he urges our organization to support (this is futher discussed in an article Mike wrote for this issue of the Forest Owner). I followed Mike with a brief discussion of a proposal offered by Rosemary Nichols, Executive Director of the New York Land Institute. The Institute's proposal suggests legislation providing for "Forest Districts" analogous to "Agricultural Districts." After some discussion of both approaches to dealing with the problem of escalating forest land taxes, I took a "straw poll" of those present to assess the willingness of our organization to "enter the fray" of political activity in the interests of the forest owners of New York. The hand vote was overwhelmingly in favor of getting involved. Since the few oppos-



Portable sawmill - Fall meeting at Sagamore.

ed, however, were people I hold in high regard (including at least 2 Board members), I regard the vote as only an indication of interest and not yet a mandate to get NYFOA involved.

Next we ventured outside to get in touch with the environs of Sagamore (and, unfortunately, with acid rain as well). First, we enjoyed a demonstration of a portable chainsaw mill by Rob Sperber of Sperber Tool Works Inc. Rob and crew showed us how easy it is to produce rough lumber from logs without having to haul the logs (and their slabs) to a sawmill. Such mills ought to be attractive to those of us wanting modest supplies of lumber for woodworking and repair.

Last, we took a short walk through a clearcut area of forest which is now a part of the forest preserve. The inclement weather made the walk a short one. After a brief look, we adjourned to the meeting hall of the lodge where Dick Sage, of the SUNY College of Environmental Science and Forestry's Huntington Forest Staff and I led a discussion of the implications of even-aged management. Dick, who is an "expert" on wildlife effects of forest management, emphasized the wildlife effects of clearcutting. The purpose of the discussion was to point out that clearcutting is not all "bad." When consistent with the owner's objectives, even-aged management may, via clearcutting's drastic modification of the forest environment, produce results which are more in keeping with the needs of the owner than selection cutting. Clearcutting has gotten much bad press in recent years and Dick and I wanted to explain that it is an option some landowners should consider in the interests of both "good forestry" and their own short term needs.

Although the weather didn't cooperate fully, I and 100 of our fellow members had a pleasant sojourn at Sagamore. I wish that more of you could have shared the experience with us. I'd like to meet the rest of you at our annual meeting in April in Syracuse.

-Doug Monteith 9/30/84

DOWNING Environmental and Forestry Consultant

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(518) 632-5438

BOUNDARY LINES MARKED LAND USE PLANS FOREST MANAGEMENT PLANS TIMBER APPRAISALS TIMBER SALES

TIMBER STAND IMPROVEMENT
TREE PLANTING
FIREWOOD
THINNING

Sleeping Giant Awakes

David W. Taber

A proliferation of highly educated loggers is about to occur. Although historically education was kept from loggers, partially by design and partially by default, tradition as a basis for action has been circumvented.

Loggers of the late 1800's are gone. Loggers of the first half of the 20th century soon will be leaving if they haven't already. Now, a new breed of loggers is emerging. As noted in early 1973 by Ronald Baldwin, a former president of the New York State Timber Producers Association, the new loggers will be known as timber harvesters.

The sleeping giant can be considered as the awakened loggers who are highly educated and who are known as professional timber harvesters. Tremendous power will be unleashed by these woodsmen and woodswomen who know and understand important principles of natural forest-resources management, wildlife biology, sociology, politics, economics, logging systems, communications, personnel management and business management.

Perhaps the turnabout started with Reverend Frank A. Reed, who is known as the Sky Pilot for loggers. In 1917 he began listening and talking to loggers in their logging camps, and that was about six years before he was ordained a minister. Then in 1939 Reverend Reed founded "The Lumber Camp News," a forerunner of "The Northern Logger and Timber Processor" magazine that is published by the Northeastern Loggers' Association, Old Forge, New York. This loggers' association was officially created in concept on May 23, 1952 by unanimous vote of nine men, at an Albany, New York meeting.

"The Timberman Newsletter" was established by Cooperative Extension in Pennsylvania in 1968 and this became a model for subsequent newsletters in North Carolina, New York and Maine. These newsletters were built on recognition of the need to have educated loggers in order to allow loggers to help themselves while simultaneously contributing to improved forest management practices and increased social benefits.

The sleeping giant had been nudged. As he began to awaken and those around him also awakened to the

power of knowledge, the pride of a skilled crafts-person, and the benefit of selfhelp, tradition was gently put to sleep. Professional foresters; sawmill managers; wood procurement staff of paper companies, veneer mills, fiberboard plants, and sawmills; and loggers as well as educators and government forestry staff began to change their heritage of ideas that loggers were "bad" and needed to be controlled one way or another. This traditional perspective began to fade. All of these "forestry people," just mentioned, talked about such things as protecting the woodland owner and making loggers follow prescribed operating techniques "ordered" by them.

But in the late 1960's, throughout the 1970's, and up to this very moment, "forestry people" have been recognizing the value of unleashing the potential innovativeness, resourcefulness, knowledge and skill of loggers. By developing and providing an environment through actions and educational efforts, "forestry people" recognized that a transformation could occur which would help loggers to help themselves become professional timber harvesters.

The sleeping giant is no longer asleep. He is getting up. We in the forest industry as well as those who have the privilege of purchasing wood, water and wildlife products, scenic views, and experiences based on somebody else's forests are beginning to realize that it is a win-win situation when the logger

emerges as a professional timber harvester.

Knowledgeable, skilled, and professional, the timber harvesters who are emerging have pride in their abilities, their independence, their production of wood products by environmentally sound methods, and their financial and social contributions to a free, capitalistic democracy.

Professional timber harvesters may be looked back upon at some time in the future as leaders of the logging industry having a heritage of honor, pride and courage that simultaneously led to more bountiful forests and satisfied woodsworkers throughout the nation.

Because

You are one of those Who care You are especially Invited to

Come read these pages and
Share with me
The quietude of a woodland path
And know that beauty has a mood
For every need.

The patience reflected in the quiet stance of trees softly whispering In the breeze

The strength that has
Withstood the storm
The courage of a rugged oak
Upon a windswept knoll.

Together we will listen To the woodthrush Singing in a hidden glen

And walking softly
Plan for a new tomorrow.



Ask A Forester

by AL ROBERTS

Mr. Frank X. Gebert P.O. Box 242 Vestal, N.Y.

Dear Mr. Gebert:

Thank you for your letter to Ms. Stock, addressed to Old Forge. It was forwarded to her at Camillus, and she forwarded it to me as Chrm. of the Editorial Committee.

We are very glad to get comments from members, and wish more of them would write to the Editor.

I will have to agree with you that the magazine may be overbalanced with articles about well managed timber harvests. We will try to have more articles concerning other aspects of forest ownership.

In our defense, I would like to say that we have used a study of our members conducted by Jim Lassoie as a guideline to what our members are interested in. There were 380 members who answered the survey. One of the questions asked was what the members would like more information on. Some of the subjects mentioned and numbers of members specifying that subject are as follows:

Timber stand improvement	282
Timber production and marketing	255
Management for firewood	255
production	234
Tree planting	112
Nature studies	92
There were many other	subjects
listed.	

It is true that in Europe they plant trees more than we do in the Eastern U.S. That is because they have mostly softwoods while we have mostly hardwoods. Hardwoods reproduce abundantly by themselves.

It was hard for me to believe, but a recent forest inventory of New York conducted by the U.S. Forest Service showed that in N.Y. we are annually growing considerably more wood than we are harvesting. The forested acreage is still increasing due to native hardwoods seeding into abandoned fields, as well as some fields being planted to softwoods.

I hope we will see you at some of our meetings and woods walks.

Sincerely yours, A.W. Roberts, Jr. Mr. Read C. Adams Box 59, R.D. #2 Oxford, N.Y. 13830

Dear Mr. Adams:

Evelyn Stock forwarded your letter to me for reply. I have heard the same rumor, as had some of the Foresters at the Department of Environmental Conservation office here in Cortland.

We called the Bureau of Indian Affairs in Syracuse that oversees the Onondaga Indian Reservation. They were not aware of any treaty giving Indians the right to cut black ash on anyone's property.

They suggested that we call the lawyer in Albany who works for New York State and who is **the** expert on legal questions regarding Indians.

To make a long story short, there is no truth to the rumor, and Indians cannot legally cut black ash on any land but their own.

> Sincerely yours, A.W. Roberts, Jr.

P.S. I am indebted to Bob Demeree and Dick Garrett of D.E.C. for their help in tracking down the above information.

WOODS WALKS

by Al Roberts

One of the activities of the New York Forest Owners Association offers to its members is the "Woods Walk" program. In 1984 there were four of them.

Number 1 was held on July 21 at a forest that Hartwick College owns near Oneonta. Number 2 was August 11 at the forest owned by Alec Proskine near Ithaca. The third one was held October 6 at the property of member Edwyn H. Atwood, Jr., 30 miles south of Rochester. On October 20 the 4th one was held on 3 properties near Skaneateles.

These walks are very informal and attended by a professional forester as well as the owner of the property. Everyone's questions and comments are welcome.

The number attending is usually small enough so that everyone has a chance to be heard. It is a fun program where attendees can compare their woods and activities to those of the host.

Anyone who would like to offer his/her property for a woods walk in 1985 may write to the editor of the Forest Owner.

Finch, Pruyn & Co., Inc.

Glens Falls, New York

In cooperation with people in the multiple use harvest of all open space renewable resources.



"480 A"

New York State Forest Tax Law Update

by Francis A. Demeree

Chairman, N.Y.S. Forest Practice Board Taxation Committee

This (480 A) important tax law seems now to be quite solidly implanted in our New York State laws. However, in order to be of real benefit to New York forest owners, and to our state overall, some amending of this legislation is needed. The itemized listing below presents an abbreviated but accurate account of the needed amendment as worked out and suggested by the New York Forest Practice Board Taxation Committee.

These amendments were incorporated into a bill and introduced in the 1983-84 session of the New York State Assembly by Conservation Committee Chairman Maurice Hinchey. The bill was numbered (A 647) and passed through the Real Estate Committee, but did not receive favorable action by the legislature. Due to this being the end of a two year session, this bill will not be reintroduced.

Assemblyman Hinchey's office does assure us, however, that a new bill will be introduced by him in the '84-'85 session. We also are assured by the New York State Department of Conservation that unless new unsatisfactory charges in the bill are made, the bill will receive the department's full support as in the past. We believe this bill will also carry the active support of the local taxing authorities who feel that (480 A) with the proposed amendments is a needed, worthwhile law.

As of May 1, 1984 — three hundred seventy-four woodland properties totaling 138,311.97 acres have been certified under this law. This represents a slow start as expected but with the passage of the needed amendments, far greater activity can be expected and the total forest acreage subject to fair real estate taxes and receiving proper woodland management can be expected to expand rapidly. Following are lists of comparisons of proposed amendments.

Comparison Document Section 480a of the Real Property Tax Law prepared by New York State Forest Practice Board

Present Law

- 1. Minimum eligible acreage 50.
- 2. Lands in forests generally eligible if they meet minimum stocking levels.
- No definition of a management plan. Contained in Rules and Regulations.
- Landowner responsibilities and obligations rather vague and confusing.
- Obligations and responsibilities of local assessors, county clerks, E&A and DEC often unclear and open to interpretation. Recording procedure unclear.
- Owner forest management obligations unclear and open to interpretation.
- 7. Owner may cut and use 5 cords free of tax annually.
- Burden of exempted taxes on eligible lands and the attending shifts in taxes borne by local jurisdictions and taxpayers.
- Collection of stumpage taxes and penalties handled by local jurisdictions, as certified by DEC. Procedures vague and confusing.
- Revocation procedures rather vague and poorly defined.
- 11. Interest on penalties 6% per year.
- 12. Assessments at \$40.00 per acre times the equalization rate or 1/5 the assessment of like lands whichever is the greater.
- 13. Penalties for conversion equal 2½ times the taxes saved for complete property conversion and 5 times tax savings on a partial conversion, up to 10 years.
- Stumpage tax of 6% upon harvest.

Proposed Amendments

Minimum eligible acreage 25.

Lands harvested within three years of application ineligible. Minimum stocking criteria remains the same.

Definition of an approved management plan to be contained in the law.

Landowner obligations and responsibilities clearly and precisely identified.

Obligations and responsibilities of all participating agencies clearly and precisely spelled out. Recording procedures clearly defined.

Owner forest management obligations, including harvesting and cutting, clearly and precisely defined.

Owner may cut and use 10 cords free of tax annually.

Burden of exempted taxes on eligible lands to be borne by the State. Local jurisdictions to be reimbursed by the State for exempted taxes granted under the law and certified as to amount by E&A.

Collection of stumpage taxes and penalties to be handled by the State. A logical sequence if State assumes burden of exempted taxes. Procedures clearly spelled out.

Revocation procedures clearly identified and responsibilities of both landowner and State precisely defined.

Interest on penalties 8% per year.

Remains the same.

Remains the same.

Remains the same.

Stumpage Price Report

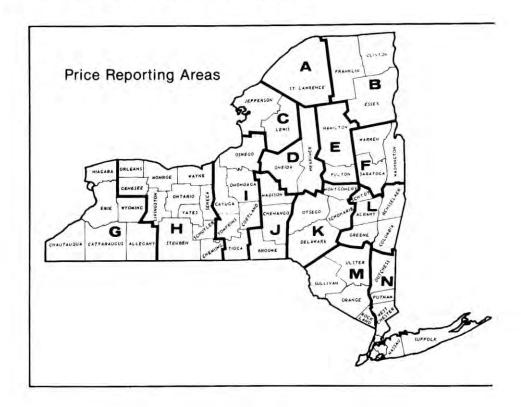
July 1984 / Number 25

The prices contained in this publication are collected from harvesters and wood processors in 14 price-reporting areas throughout New York State, and are intended to serve only as a guide in the marketing of standing timber.

The actual value of a specific stand of timber may be influenced by the following factors:

- 1. Timber quality
- 2. Volume to be cut per acre
- 3. Logging terrain
- 4. Market demand
- 5. Distance to market
- 6. Season of year
- 7. Distance to public roads
- 8. Woods labor costs
- Size of the average tree to be cut
- 10. Type of logging equipment
- Percentage of timber species in the area
- End product of manufacture
- 13. Landowner needs
- Landowner knowledge of market value
- 15. Property taxes
- Capital gains aspect of Internal Revenue Code

Any one of the above factors can have a highly significant effect on stumpage prices for a species in one given area, while it may have a less significant effect in another area.



List of DEC Regional Forestry Headquarters, Addresses and Telephone Numbers

Region 1

Building 40, SUNY, Stony Brook, NY 11790 (516) 751-7900 Nassau, Suffolk

Region 2

2 World Trade Center, 61st Floor New York, NY 10047 (212) 488-2755 New York City

Region 3 RD Box C.

Millbrook, NY 12545 (914) 677-8268 Dutchess, Westchester, Putnam 21 South Putt Corners Road New Paltz, NY 12561 (914) 255-5453 Orange, Rockland, Sullivan, Ulster

Region 4 Jefferson Road, Stamford, NY 12167

(607) 652-7364
Delaware, Montgomery, Otsego, Schoharie
439 Main Street, Box 430
Catskill, NY 12414 (518) 943-4030
Albany, Columbia, Greene,
Rensselaer, Schenectady

Region 5

Northville, NY 12134 (518) 863-4545 Fulton, Hamilton Ray Brook, NY 12977 (518) 891-1370 Franklin, Clinton, Essex Box 220, Warrensburg, NY 12885 (518) 623-3671 Saratoga, Warren, Washington

Region 6

Route 812, Box 31 Lowville, NY 13367 (315) 376-3521 Jefferson, Lewis 30 Court Street, Canton, NY 13617 (315) 386-4546 St. Lawrence 225 North Main Street Herkimer, NY 13350 (315) 866-6330

Region 7

Box 594, Sherburne, NY 134670 (607) 674-2611 Broome, Chenango, Madison Box 1169, Cortland, NY 13045 (607) 753-3095 Cayuga, Cortland, Onondaga, Oswego, Tioga, Tompkins

Region 8

115 Liberty Street, Bath, NY 14810 (607) 776-2165 Chemung, Genesee, Livingston,

Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Yates

Region 9

128 South Street, Olean, NY 14760 (716) 372-0645 Allegany, Cattaraugus, Chautauqua, Erie, Niagara, Wyoming

LF-P20 (2/84)

The Stumpage Price Report is published semi-annually (January and July) by:

Policy and Economic Development Section
Division of Lands and Forests
New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001

• (518) 457-7431

Roundwood Stumpage Prices—Sawlogs Average Price Range and (Most Common Price)/MBF,* Doyle Rule Except As Noted PRICE REPORTING AREAS

Species	A	B.,	С	D	E	F	G	н	1	J***	K	F	W	N
Ash, White	70-150 (120)	75-125 (85)	70-125 (105)	75-200 (125)	85-150 (125)	100-250 (150)	100-350 (268)	50-250 (125)	120-280 (180)	120-280 (195)	80-240 (150)	50-320 (190)	60-130 (100)	100-185 (130
Aspen	18-22 (20)	15-30 (25)	20-35 (20)	20-35 (25)	25-35 (30)	20-35 (30)	10-50 (33)	10-30 (20)	15-30 (20)	15-30 (20)	8-24 (20)	10-50 (30)	20-40 (25)	30-60 (40)
Basswood	60-60 (60)	40-60 (50)	40-60 (45)	30-80 (60)	50-70 (60)	30-60 (40)	30-150 (81)	70-150 (80)	50-100 (85)	45-100 (85)	24-100 (40)	20-125 (45)	35-60 (40)	50-100 (75)
Beech	17-24 (20)	25-40 (35)	20-50 (30)	20-40 (25)	30-40 (35)	20-40 (30)	20-80 (51)	40-100 (50)	15-40 (30)	10-40 (30)	8-40 (20)	10-80 (35)	30-60 (40)	30-50 (40)
Birch, White		40-75 (55)	30-40 (40)		30-50 (45)	25-55 (40)			3-4		15-100 (40)	20-150 (50)		40-50 (40)
Birch, Yellow	63-80 (70)	70-100 (85)	50-100 (75)	45-110 (75)	60-100 (80)	50-150 (75)	20-70 (46)		30-75 (55)	30-65 (55)	16-115 (40)	40-150 (75)	40-70 (50)	70-100 (80)
Butternut	-	•••		40-70 (55)	30-50 (40)	-	20-100 (70)	50-200 (150)	50-115 (75)	35-100 (75)		20-125 (55)	40-80 (55)	40-100 (60)
Cherry, Black	120-200 (150)	90-125 (100)	80-250 (160)	100-200 (150)	95-170 (135)	75-250 (150)	150-425 (303)	100-400 (150)	140-280 (215)	120-280 (230)	80-290 (160)	50-375 (180)	60-220 (120)	100-150 (110
Elm, American		25-50 (35)		25-50 (40)	30-80 (40)	30-70 (40)	20-75 (53)	••••	20-65 (40)	25-65 (50)		10-100 (50)		40-100 (60)
Hemlock	17-30 (30)	30-50 (40)	35-35 (35)	25-40 (35)	30-45 (35)	30-50 (35)	20-100 (67)	50-100 (80)	25-50 (35)	25-50 (40)	15-50 (30)	20-60 (35)	20-40 (30)	15-65 (35)
Hickory				30-55 (35)	25-40 (30)	20-40 (30)	20-80 (49)	30-100 (60)	25-80 (50)	25-80 (45)	15-60 (35)	10-100 (40)	40-70 (50)	20-65 (40)
Maple, Hard	63-120 (100)	70-125 (90)	55-100 (85)	75-125 (90)	55-100 (75)	50-150 (90)	70-175 (120)	50-125 (100)	60-180 (120)	60-160 (115)	40-120 (70)	40-200 (90)	40-100 (80)	50-125 (90)
Maple, Soft	37-45 (40)	40-75 (50)	30-70 (55)	35-75 (50)	50-70 (60)	30-75 (45)	40-150 (91)	50-250 (100)	35-80 (70)	35-100 (60)	15-85 (40)	25-125 (45)	40-85 (50)	40-45 (40)
Oak, Chestnut						40-200 (90)	60-150 (104)	50-100 (50)	55-200 (105)	50-200 (95)	15-160 (55)	30-175 (75)	40-120 (90)	60-100 (80)
Oak, Red	180-200 (200)	75-300 (175)	60-600 (200)	75-250 (125)	95-180 (135)	130-300 (200)	150-425 (318)	70-400 (250)	150-340 (230)	150-320 (240)	80-380 (185)	50-600 (290)	60-300 (130)	200-350 (275
Oak, White	V	75-130 (100)	60-200 (130)	75-200 (125)		50-200 (100)	100-350 (213)	50-400 (125)	50-260 (150)	40-260 (140)	25-240 (95)	50-325 (120)	60-200 (110)	90-120 (105)
Pine, Red	45-50 (45)	40-60 (50)	20-50 (30)	20-40 (35)		25-55 (40)	15-60 (38)	50-100 (75)	30-55 (40)	25-50 (35)	20-50 (35)	25-50 (35)		15-45 (35)
Pine, White	28-50 (45)	50-75 (60)	20-50 (40)	25-50 (35)	35-60 (45)	30-80 (50)	50-100 (75)	30-100 (65)	25-60 (40)	25-65 (45)	20-60 (35)	30-80 (50)	30-60 (40)	15-60 (40)
Poplar, Yellow		-		25-40 (40)			40-120 (73)	70-120 (100)	15-55 (35)	25-65 (50)	15-80 (45)	10-50 (35)	30-70 (50)	65-110 (75)
Spruce, Red	28-30 (30)	35-60 (50)	35-35 (35)	30-50 (40)	30-50 (40)	30-60 (40)			in.		20-50 (35)	20-45 (35)	7 200	-
	*Thousand	Board Feet	**Scribner	Rule ***I	nternational 1/4	" Rule	Pi	ulpwood	Average Price	Range and (Mo	est Common Pr	ice) per Standa	ard Cord	
Aspen	5-8 (8)	3-5 (4)	4-12 (6)	4-8 (6)	3-7 (4)	3-6 (5)			T. 3. 44.		21/2-10 (8)	5-25 (8)		
Birch, White		3-8 (5)					- 100				21/2-10 (71/2)	6-16 (10)		-
Hemlock	7-10 (9)	5-12 (9)	6-18 (10)	6-12 (10)	7-11 (8)	5-8 (6)	****		-	L mer	4-10 (8)			1.44
N. Hardwoods	4-5 (4)	4-10 (7)	3-10 (6)	4-10 (6)	6-10 (7)	5-8 (7)	10-20 (15)	10-26 (15)	3-10 (5)	1 10 miles	21/2-10 (7)	6-15 (10)		-
Pine	2-2 (2)	3-6 (41/2)	3-5 (4)	4-10 (6)	5-9 (6)	5-7 (5)	- F	- James		- Jan-1	3-17 (7)	4-8 (6)		
Spruce & Fir	7-9 (8)	6-10 (8)	6-18 (12)	6-12 (8)	7-11 (8)	6-10 (8)			3-4 (31/2)	3-12 (7)	4-12 (4)	4-15 (8)		
							F	uelwood	Average Price	Range and (Me	ost Common P	rice) per Stand	ard Cord	
Hardwood Mixed	5-10 (10)	5-12 (71/2)	2-10 (7)	3-15 (10)	6-12 (7)	5-15 (10)	4-14 (10)	10-26 (15)	5-18 (10)	5-15 (10)	21/2-15 (10)	5-25 (8)	5-20 (10)	7-15 (10)
							P	oles Avera	ge Price Range	and (Most Co	mmon Price) N	IBF, Internation	nal 1/4" Rule	
Pine, Red	1 1996	100-140 (125)		35-65 (45)	1.5	60-120 (80)	****	1494			1	-		
	-		-	4					-	-			-	_

"B"



ESTIMATING TIM

People who estimate for a living call it "timber cruising." Timber can be estimated in cords, board feet, cubic feet, tons, and even in BTU's. Pulpwood is usually estimated in cords or tons. Sawtimber generally is measured in board feet. Most sawmills in New York State measure board feet volume of logs and timber by the Doyle log rule.

You can cruise timber by the 100 percent method or by sampling. Using the 100 percent method, a person estimates the volume of every tree on the woodlot and adds them together. Obviously, this can only be used practically on small woodlots. Larger landholdings require a sampling procedure, which is expanded to calculate the total volume of timber in the stand.

100 percent method: Estimate the volume of sawtimber in each tree. As you tally each tree, it is a good idea to mark the

tree so it won't be recounted. Powdered lime in a sock slapped against the tree gives a good temporary mark. It will wash off with rain and will not be confused with paint marks used to designate trees to be cut. Proceed through the woodlot in an orderly manner so that no areas are missed, marking the trees on the side towards the unfinished portion. Tally volumes according to species.

Sampling method: Some foresters use one-fifth acre plots to estimate the volume per acre. You will have to know the acreage of the timber stand in which you are working. Cut a piece of rope or twine at 52.7 feet. This is the radius of a circle onefifth acre in size. Determine on a map or aerial photograph the location for plots. A grid pattern will help insure that you are not just sampling the best or the poorest timber. By pacing, locate on the ground your one-fifth acre plot centers. Estimate

TREE SCALE STICK DIAMETER OF TREE -(INCHES) HOLD STICK LEVEL 25" FROM EYE AGAINST TREE AT HEIGHT OF 4 1/2' NUM STEP OFF 66 FEET, PLUMB STICK 25" FROM EYE LINE UP THIS END WITH STUMP HEIGHT. READ NO. LOGS HERE ->

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ATHON, N. Y. - EDITOR

only the trees which are inside the circle formed by rotating the rope from the plot center around in a circle. Multiply the volume by 5 and you have the volume per acre. By averaging all the sample plots you will have an average volume per acre, which when multiplied by the acreage of the timber stand will give you the total volume of timber.

Estimating Individual Trees: Below are diameter and height scales which can be cut out and glued to a one-inch square stick or dowel, 25 inches long. Cut along the horizontal lines and across the ends of the diagram below. Match up the diameter scale end to end at "A" and match up the height scale end to end at "B". To determine the diameter of the tree, hold the cruising stick against the tree and 25 inches away from your eye. Look across the left end so that the end of the stick is at the left side of the tree. Read the diameter of the tree where you see the right side of the tree across the stick. Diameters are measured at 4½ feet above ground.

To measure height in logs, hold the stick 25 inches from your eye with the bottom of the height scale at the base of the tree where it would be cut and measure to the top of the useable height.

Use the volume table below to find board foot volume of each tree from your height and diameter information. This gives you a gross volume. Deductions should be made for defects such as rot, excessive crook or sweep and other problems.

Of course, accuracy in estimating timber comes only from long experience in seeing timber cut and sawn. However, this procedure will help you better understand the status of your growing stock.

|3 3|4 3|5 3|6 3|7 3|8 3|9 R OF 16-FOOT LOGS

MAY, 1978

VOLUME TABLE

Doyle Log Rule

Dia.	Number of 16-Foot Logs in Tree											
Above Ground	ž	1	11/2	2	21	3	32	+				
Inches	Contents in Board Feet											
12	20	30	40	50	60							
14		50	70	80	90	100	1	100				
16	30 40	70	100	120	140	160	180	190				
18	60	100	130	160	200	220	240	260				
20	80	130	180	220	260	300	320	360				
22	100	170	230	280	340	380	420	460				
24	130	220	290	360	430	490	540	600				
26	160	260	360	440	520	590	660	740				
28	190	320	430	520	620	710	800	880				
30	230	380	510	630	740	840	940	1040				
	270	440	590	730	860	990	1120	1220				
32 34 36 38 40	300	510	680	850	1000	1140	1300	1440				
36	350	580	780	970	1140	1310	1480	1640				
38	390	660	880	1100	1290	1480	1680	1860				
	430	740	990	1230	1450	1660	1880	2080				
42	470	830	1100	1370	1620	1860	2100	2320				

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Business Management Handbook for Eastern Timber Harvesting. Vodak, M.W., T.W. Reisinger, W.B. Stuart, and T.A. Walbridge, Jr. 1983. USDA Forest Service, 1720 Peachtree Rd., Atlanta, GA 30309.

Profile of New York Loggers. Monteith, Douglas B., and David W. Taber. 1979. Applied Forestry Research Institute, College of Environmental Science and Forestry, State University of New York, Syracuse, NY 13210. Describes New York State loggers, using information from a mail survey with more than 200 respondents.

Felling and Bucking Hardwoods to Increase Your Profit. Petro, F.J. 1975. Canadian Forestry Service, Department of the Environment, Ottawa, Ontario Canada K1A 1G5. A good text of instruction for teaching felling and bucking practices.

A Cost-Records System for a Logging Business. USDA Forest Service. 370 Reed Road, Broomall, PA 19008. This booklet provides an easy introduction to a bookkeeping system that can be useful to loggers.

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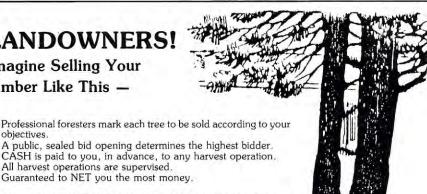
Chainsaws. U.S. Consumer Product Safety Commission. 1980. Consumer information guide, USCPC, Washington, DC 20207. A guide to safety factors regarding selection, use, maintenance and storage.

Appropriate Technology, Fuelwood Harvesting. Hoffman, Benjamin, and Thomas E. Christensen. Forestry Note, Cooperative Extension Service, 107 Nutting Hall, University of Maine, Orono, ME 04469. Introduces concepts and machine prototypes that will enable woodlot owners and firewood harvesters to harvest smaller volumes of wood economically with reduced damage to the forest. Includes engineering drawings that serve as a guide to machine fabrication.

An Element of Danger. Caterpillar Tractor Company in cooperation with National Safety Council. Caterpillar Tractor Company, 100 N.E. Adams St., Peoria, IL 61629. Tips on logging safety.

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