

NEW HAMPSHIRE FOREST MARKET REPORT 1975



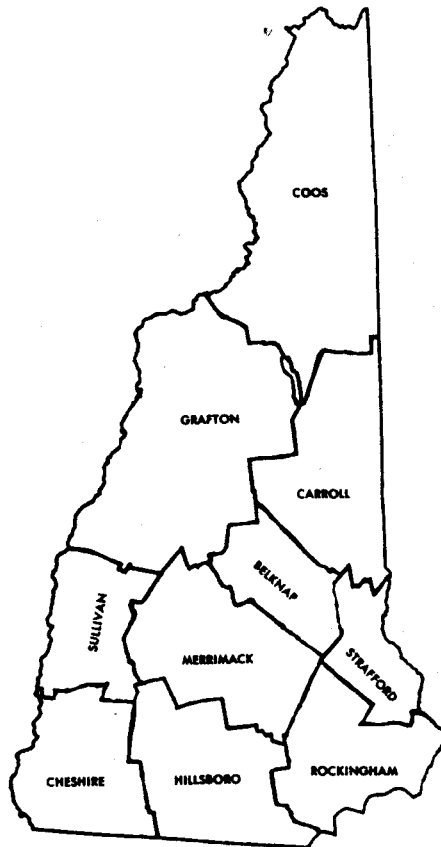
Tree shear and delimber in operation

COOPERATIVE EXTENSION SERVICE
UNIVERSITY OF NEW HAMPSHIRE

with the

NEW HAMPSHIRE DEPARTMENT OF RESOURCES
AND ECONOMIC DEVELOPMENT COOPERATING

MAP OF NEW HAMPSHIRE
(Showing Counties)



by

Nicholas Engalichev

Forest Products Utilization and Marketing Specialist

Roger P. Sloan

Extension Forester

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ATTENTION

STARTING ON PAGE 6, READ EVERY PAGE SEPARATELY. THE TABLES READ ON EACH PAGE FROM THE LEFT HAND COLUMN TO THE RIGHT HAND COLUMN.

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The information in this bulletin covering prices, specifications, names and addresses was gathered by the New Hampshire County Foresters and the bulletin was prepared by:

Roger P. Sloan
State Extension Forester

Nicholas Engalichev
Forest Products Utilization and Marketing Specialist

COUNTY FORESTERS

| County | Name | Address |
|-------------|---|--|
| Belknap | Scott, Donald H. | County Extension Office Laconia 524-1737 |
| Carroll | Pohl, Peter W. | County Extension Office Conway 447-5922 |
| Cheshire | Ferguson, John R., Jr. | County Extension Office Keene 352-4550 |
| Coos | Patmos, Marshall | County Extension Office Lancaster 788-4961 |
| Grafton | Sargent, Leslie B., Jr. Kinder, Richard G. (Assoc) | County Extension Office Woodsville 747-2377 |
| Hillsboro | Breck, Robert W. Buxton, David (Watershed) | County Extension Office Milford 673-2510 |
| Merrimack | Conde, John A. | County Extension Office Concord 225-5505 |
| Rockingham | Knowles, Stanley W. | County Extension Office Extension Service Center Epping 679-5616 |
| Strafford | Black, Donald C. | County Extension Office Rochester 332-5808 |
| Sullivan | Szymujko, Joseph A. Wood, Stephen A. (Watershed) | County Extension Office Claremont 543-3181 |
| Supervisor: | Leighton, Roger S. | Pettee Hall, UNH Durham 862-1029 or Dept. of Resources Development State House Annex, Concord 271-2214 |

INDUSTRY OUTLOOK

Americans are faced with an unprecedented problem in choosing ways to stimulate a sagging economy without prompting another surge in inflationary price-wage spiral. There are no simple solutions.

The Federal Reserve Board signaled a major change in its policy in January as it dropped its discount rate from 7½ to 7¼ percent. This precipitated a series of reductions in prime lending rates and should lead to a general easing of interest rates.

Now that the Administration has abandoned its commitment to austerity and is moving toward a program of monetary and fiscal stimulation of the economy, the housing industry may begin to recover from its worst slump in recent history.

In its economic outlook, the National Forest Products Association noted the improved flow of savings into mortgage lending institutions after several months of net outflows, inflows were recorded in the last quarter of 1974.

Housing activity promises to climb slowly throughout 1975 after touching a low point of under one million annual rate of housing starts at the end of 1974 with a November rate of building permits at an annual rate of some ¾ million.

In spite of the administration's effort to revitalize the housing industry, it is estimated that a 1975 housing start rate of 1.5 million will be difficult to reach due to two major factors: first, a large inventory of housing units, both under construction and completed but unsold — totaling over 400,000 units and a large rental vacancy rate second, faltering consumer confidence as the economy sags further into recession resulting in deferral of purchases of such major items as homes.

This modest average increase in housing starts will have some bright spots in areas where strong economic activity associated with energy and food production will boost employment and incomes.

The degree to which recession and unemployment are corrected will determine the performance of the industrial, do-it-yourself, addition and remodeling markets.

With all of the above in mind, wood processing industries are placing strong emphasis on credit management, receivables and debt, as well as prudent inventory control. Both sawmills and furniture plants are holding inventories of logs and lumber to a minimum. This means that if there is an increase in demand by mid-year, there may be a scramble to purchase logs.

RECOMMENDATIONS TO PERSONS SELLING LUMBER

New Hampshire woodland owners who plan to sell stumpage, logs, pulpwood, and other forest products are urged to consider the following recommendations before selling:

1. If you are in doubt as to whether you have enough of the right sort of timber to attract a buyer and are interested in the sort of selective cutting operation that would benefit the remaining stand, contact the County Forester or a Consulting Forester.

2. Consider the possibility of retaining the services of a qualified forester to act as your agent in handling a timber sale in your behalf when you are not in the position to look after the details of a sale, such as marking the trees for cutting, negotiating a fair price for the marked trees, looking after the cutting operations, and making sure the terms of the contract or agreement are being followed. The names and addresses of Consulting Foresters that practice in New Hampshire are listed in this report.

3. Assuming you have enough timber to have selectively cut, find out what sort of operation would be involved — whether a thinning, or an improvement, or re-production, or harvest cut, or a combination of two or more of these.

4. Arrange to have the trees that are to be cut to be marked with paint or a blaze. If not in a position to do this yourself with help from the County Forester, hire a Consulting Forester for the purpose.

5. Find out from buyers of stumpage, logs, pulpwood, and other forest products the prices they offer in order that you may take advantage of the best market. Compare the local prices with those quoted from other sections of the state.

6. Thoroughly investigate all timber markets and prices since in many cases outside markets pay better prices than local markets because of special demands.

7. Before selling, consult your neighbors who have recently sold timber and use their experience as a guide. Ask your County Forester. In many instances, failure to do this has resulted in the woodland owner not getting full value of the product.

8. Advertise and secure competition among outside purchasers. The expense will be small and outside buyers will thus learn of chances to bid on timber in competition with local buyers.

9. Secure bids whenever possible, both by the lump sum sale based on closely estimated volume and by log scale measure. A choice is thus offered and a more profitable form of bid can be accepted.

10. Consider the responsibility of the prospective purchaser before making the sale in order to avoid slow payment, costly collections and losses.

11. When there is quality timber to market, these trees are worth more than average or poor quality trees. Be sure the buyer takes the factor of tree quality into consideration when offering you a price for stumpage.

12. Remember that standing timber usually increases in values and generally can be sold at any time. The owner, therefore, is not obliged to place his produce on the market, if the price offered is not satisfactory. Sell only trees that should be cut. These trees should be marked by the owner or his agent with the help and advice of a qualified forester. Reliable operators will make partial cuttings by taking only the market trees, if the owner insists.

13. A written timber sale agreement between buyer and seller is more important before cutting starts on a lot. Sample sale agreement forms to fit different kinds of operations can be obtained from your County Forester.

ASSISTANCE RENDERED BY THE COUNTY FORESTER

The County Forester helps woodland owners to help themselves. Your County Forester will assist you in the examination of your woodlands and make recommendations for managing them. He will help you or your agent in marking trees for cutting in limited amounts, and advise you in the marketing of forest products.

There are thousands of acres of young growing trees, such as pine, spruce, fir, and desirable hardwood that can be converted into desirable stands of trees if the overtopping weed and cull trees are cut or killed. It is profitable to prune young, fast-growing, well-formed trees, especially white pine, with the purpose of growing quality logs that will yield clear lumber. Your County Forester can assist you in getting a forest improvement program started in your woodlands. Your County Forester can provide you with the information about the cost-sharing programs.

FOREST PRODUCTS LABORATORY PUBLICATION LISTS

LISTS OF PUBLICATIONS dealing with investigative projects of the U.S. Forest Products Laboratory or relating to special interest groups are available from the Director, Forest Products Laboratory, Madison, Wis. 53705. Separate lists have been compiled for each of the following subjects: Box, Crate, and Packaging Data; Drying of Wood; Fire Protection; Glue and Plywood; Growth, Structure and Identification of Wood; Furniture Manufacture; Logging, Milling and Utilization of Timber Products; Mechanical Properties of Timber; Structural Sandwich; Plastic Laminates and Wood-Base Components; Thermal Properties of Wood; Wood Finishing Subjects; Wood Preservation; Architects, Builders and Engineers.

1975 PRICE RANGE FOR FOREST PRODUCTS

Table I. Price Range Standing Timber (Stumpage) and Sawlogs Per MBF

Prices quoted are an average range for the country. Prices will vary from those quoted depending on market conditions. More specific prices can be obtained by contacting the County Forester, Consulting Foresters, or industry representatives. Read carefully the Recommendations for selling on page 4 before disposing of stumpage, logs, and other forest products.

Belknap County

| Species | Quality | Stumpage | Roadside | Delivered |
|------------------------------|----------------|----------|----------|-----------|
| White Pine | Low | \$15-18 | \$25-30 | \$ 50-55 |
| | Medium | 19-25 | 30-40 | 55-60 |
| | High | 25-30 | 40-45 | 60-65 |
| Hemlock | All grades | 20-30 | 30-35 | 40-50 |
| Red Oak | Low | 25 | 30-35 | 40-45 |
| | Medium | 25-35 | 35-40 | 45-55 |
| | High | 35-40 | 40+ | 80-120 |
| White Birch and Yellow Birch | Low | 15-20 | 26-32 | 38-42 |
| | Medium | 20-25 | 32-40 | 45-65 |
| | High | 25+ | 40+ | 75-125 |
| Rock Maple | Low | 15-20 | 26-32 | 38-42 |
| | Medium | 20-25 | 32-40 | 50-75 |
| | High | 25+ | 36+ | 75-100 |
| Beech | Medium to High | 15-20 | 26-32 | 40-60 |
| White Ash | Low | 10-15 | 26-32 | 40-42 |
| | Medium | 12-20 | 30-40 | 45-55 |
| | High | 20+ | 40+ | 65-75 |
| Mixed Hardwoods | | 15-25 | 30-35 | 45-55 |

Carroll County

| Species | Quality | Stumpage | Roadside | Delivered |
|----------------|-------------|----------|----------|------------|
| White Pine | Low | \$20 | \$50 | \$ 60 |
| | Medium | 30 | 70 | 70 |
| | High | 45 | 80 | 90 |
| Hemlock | Medium | 10-15 | 35 | 60-70 |
| | High | 20-30 | 50 | 70-80 |
| Spruce | Medium | 15-25 | 40 | 60-70 |
| | High | 30-40 | 60 | 80 |
| Ash | Medium | 30-40 | 60-70 | 100 |
| | High | 40-60 | 90 | 110 |
| Basswood | | 20-35 | 50-60 | 85-120 |
| Beech | Low | 15 | 45 | 60 |
| | Medium | 20 | 50 | 65 |
| | High | 30 | 60 | 85 |
| Beech-Boltwood | | 20 | 30-35 | 25-32/cord |
| Red Maple | Low to High | 15-20 | 45-55 | 60-70 |
| Sugar Maple | Low | 20 | 70 | 90 |
| | Medium | 30 | 80 | 130 |
| | High | 45 | 90 | 145 |

Carroll County (Continued)

| Species | Quantity | Stumpage | Roadside | Delivered |
|-----------------------------------|----------|----------|------------|---------------|
| Sugar Maple Boltwood Paper Birch | Low | 30 | 60 | 40/cord 75 |
| | Medium | 40 | 70 | 80-90 |
| | High | 50 | 90 | 100-140 |
| Paper Birch Boltwood Yellow Birch | Low | 30/cord | 40-50/cord | 70-85/cord |
| | Medium | 40 | 60 | 80-90 |
| | High | 50 | 90 | 100-130 |
| Oak | Medium | 20-30 | 50-60 | 60-70 |
| | High | 30-40 | 60-70 | 80-90 |

Cheshire County

| Species | Quality | Stumpage | Roadside | Delivered |
|-------------|---------|----------------------------|----------|-----------|
| White Pine | Low | \$20-25 | \$50-55 | \$ 65-70 |
| | Medium | 25-30 | 55-60 | 70-75 |
| | High | 30-35 | 65-70 | 75-80 |
| Hemlock | Low | 15-20 | 40-45 | 50-65 |
| | Medium | 20-25 | 50-55 | 55-60 |
| | High | 25-30 | 55-60 | 60-70 |
| Spruce | Low | 15-20 | 40-45 | 50-55 |
| | Medium | 20-25 | 50-55 | 55-60 |
| | High | 25-30 | 55-60 | 60-70 |
| Red Oak | Low | 25-30 | 50-60 | 65-70 |
| | Medium | 35-40 | 60-70 | 75-85 |
| | High | 45-50 | 70-90 | 90-120 |
| White Birch | Low | 25-30 | 50-60 | 65-70 |
| | Medium | 35-40 | 60-70 | 75-85 |
| | High | 45-60 | 70-90 | 90-120 |
| Sugar Maple | Low | 30-35 | 50-60 | 65-70 |
| | Medium | 35-40 | 60-70 | 75-85 |
| | High | 45-60 | 75-90 | 90-120 |
| Soft Maple | Medium | 20-25 | 40-50 | 55-60 |
| | High | 25-30 | 50-55 | 60-70 |
| Beech | Medium | 15-20 | 40-50 | 55-60 |
| | High | 20-30 | 50-55 | 60-70 |
| White Ash | Low | (not purchased separately) | | 70-75 |
| | Medium | (except as logs) | | 80-90 |
| | High | | | 100-150 |

Coos County

| Species | Quality | Stumpage | Roadside | Delivered |
|------------|---------|----------|----------|-----------|
| White Pine | Sawlog | \$25-45 | \$ 65-85 | \$ 85-100 |
| Spruce-Fir | Sawlog | 25-40 | 65-85 | 85-105 |
| Hemlock | Sawlog | 12-20 | 35-45 | 50-65 |

Coos County (Continued)

| Species | Quality | Stumpage | Roadside | Delivered |
|---------------------------|---------------|----------|----------|-----------|
| Hard Maple | Sawlog | 30-45 | 80-95 | 100-150 |
| | Veneer | 45-75 | | 150-190 |
| Soft (Red) Maple | Sawlog | 15-25 | 50-65 | 70-85 |
| Poplar | Sawlog | 10-20 | 35-45 | 50-60 |
| White Birch | Sawlog | 25-50 | 90-110 | 110-145 |
| | Veneer | 65-90 | | 140-200 |
| Beech | Sawlog | 13-22 | 45-50 | 65-90 |
| Yellow Birch | Sawlog | 40-80 | 110-150 | 135-175 |
| | Veneer | 80-100 | | 150-350 |
| White Ash | Sawlog | 30-60 | 80-150 | 85-200 |
| Red Oak | Sawlog | 20-30 | | 100 |
| | Veneer | 30-50 | | 140-180 |
| Basswood | Veneer | 30-50 | | 140-180 |
| White Cedar (over 6" DBH) | 6' logs/cord* | 10-20 | 27 | 32-40 |

* 6' cord = 700-750 bd. ft.

Grafton County

| Species | Quality | Stumpage | Roadside | Delivered |
|---------------------|----------------|----------|----------|-----------|
| White Pine | Average | \$20-30 | \$45-55 | \$ 55-70 |
| | High | 30-40 | 55-90 | 70-100 |
| Hemlock | Average | 10-20 | 30-45 | 50-70 |
| Spruce & Fir | Average | 15-30 | 35-60 | 60-80 |
| Yellow Birch | Sawlog | 30-75 | 65-100 | 75-150 |
| | Veneer | 75-125 | 125-175 | 150-300 |
| Sugar or Rock Maple | Sawlog | 30-60 | 65-100 | 75-145 |
| | Veneer | 55-75 | 80-110 | 150-190 |
| White Birch | Good | 25-30 | 60+ | 60-150 |
| | Veneer | 30+9 | 95-100 | 140-200 |
| Soft (Red) Maple | Good | 10-25 | 40-60 | 65-100 |
| White Ash | Good | 30-75 | 65-90 | 80-185 |
| Beech | Good | 10-25 | 35-60 | 60-80 |
| Red Oak | Sawlog | 25-45 | 60-65 | 75-100 |
| | Veneer | 45+ | 65-100 | 140-180 |
| Pallet Logs | Mixed Hardwood | 10-15 | 30-40 | 60 |
| Tie Logs | Mixed Hardwood | 15-25 | 40-60 | 60-80 |

Hillsboro County

| Species | Quality | Stumpage | Roadside | Delivered |
|------------|---------|----------|----------|-----------|
| White Pine | Low | \$18 | \$38 | \$40 |
| | Medium | 30 | 50 | 60 |
| | High | 42 | 52 | 70 |

Hillsboro County (Continued)

| Species | Quality | Stumpage | Roadside | Delivered |
|--|---------|----------|----------|-----------|
| Hemlock | Low | 15 | 35 | 40 |
| | Medium | 25 | 45 | 50 |
| | High | 30 | 50 | 60 |
| Red Oak | Low | 20 | 40 | 45-55 |
| | Medium | 40 | 60 | 65-75 |
| | High | 60 | 80 | 75+ |
| Other Hardwoods Birch, Maple, Ash Mixed Hardwood (Pallet Stock) | Low | 15 | 35 | 45-55 |
| | Medium | 30 | 50 | 55-65 |
| | High | 40 | 60 | 65+ |
| | Logs | | | 40-55 |

Merrimack

| Species | Quality | Stumpage | Roadside | Delivered |
|--------------|---------|----------|----------|-----------|
| White Pine | Low | \$20 | \$40-45 | \$50-55 |
| | Medium | 25 | 45-50 | 55-60 |
| | High | 30 | 50-55 | 60-65 |
| Hemlock | Low | 15-20 | 35-40 | 45-50 |
| | Medium | 20-25 | 40-45 | 50-55 |
| | High | 25+ | 45-50 | 55-60 |
| White Birch | Medium | 20-30 | 40-50 | 65-80 |
| | High | 30-40 | 50-70 | 90-100 |
| Hard Maple | Medium | 25-35 | 45-55 | 70+ |
| | High | 35-45 | 55-65 | 90+ |
| Red Oak | Medium | 20-30 | 40-50 | 55-65 |
| | High | 30-40 | 50-60 | 60-70 |
| Pallet Stock | Logs | 20-25 | 45-50 | 55 |

Rockingham County

| Species | Quality | Stumpage | Roadside | Delivered |
|------------------|---------|----------|----------|-----------|
| White Pine | Low | \$14-20 | \$37-43 | \$51-57 |
| | Medium | 21-29 | 44-52 | 58-66 |
| | High | 30-40 | 53-63 | 67-77 |
| Hemlock | Low | 11-19 | 34-42 | 48-56 |
| | Medium | 20-26 | 43-49 | 57-63 |
| | High | 27-31 | 50-54 | 64-68 |
| Red Oak | Low | 14-20 | 37-43 | 51-57 |
| | Medium | 21-25 | 44-48 | 58-62 |
| | High | 26-48 | 49-71 | 63-85 |
| *Other Hardwoods | Low | 12-20 | 35-43 | 49-57 |
| | Medium | 21-27 | 44-50 | 58-64 |
| | High | 28-30 | 51-53 | 65-67 |

*Check the prices in other counties for white birch, yellow birch, sugar maple, and white ash, when grades are suitable for specialty items such as boltwood and veneer.

Strafford County

| Species | Quality | Stumpage | Roadside | Delivered |
|--------------------|---------|----------|----------|-----------|
| White Pine | Low | \$30+ | \$50+ | \$65+ |
| | Medium | 35-40 | 55-60 | 75 |
| | High | 40-50 | 65-70 | 80-90 |
| Hemlock and Spruce | Low | 30 | 60 | 75 |
| | Medium | 35 | 65 | 80 |
| | High | 40 | 65 | 80 |
| Yellow Birch | | 40 | 65 | 80 |
| White Birch | | 40 | 65 | 80 |
| Sugar Maple | | 40 | 40-45 | 55-60 |
| Soft Maple | | 30 | 40-45 | 55-60 |
| Red Oak | | 30 | | |
| White Oak | | \$20-25 | 40-45 | 55-60 |
| Beech | | 30 | 40 | 60 |
| White Ash | | 30 | 40 | 60 |
| Basswood | | 30 | 40 | 60 |

¹Higher prices are paid for these species when the grades are suitable for specialty items such as boltwood and veneer logs.

²Prices based on either International rule or sawmill tally of square edge lumber.

³Occasionally higher prices paid for select logs.

Sullivan County

| Species | Quality | Stumpage | Roadside | Delivered |
|-----------------|---------|----------|----------|-----------|
| White Pine | Low | \$15-20 | \$40-45 | \$ 50-60 |
| | Medium | 25-30 | 50-60 | 60-75 |
| | High | 30-40 | 60-65 | 75-85 |
| Hemlock | Medium | 10-20 | 35-45 | 50-65 |
| | High | 20-30 | 45-50 | 65-75 |
| Spruce | Medium | 15-25 | 45-55 | 60-75 |
| | High | 25-30 | 55-60 | 75-80 |
| Yellow Birch | Medium | 30 | 65 | 70-85 |
| | High | 50 | 85 | 100-125 |
| White Birch | Medium | 25 | 60 | 65-75 |
| | High | 35 | 70 | 75-90 |
| Sugar Maple | Medium | 30 | 65 | 75-85 |
| | High | 50 | 85 | 100-120 |
| Red Oak | Medium | 30 | 60-65 | 75-80 |
| | High | 40 | 70-75 | 90-110 |
| White Ash | Medium | 30 | 65 | 80-85 |
| | High | 50 | 85 | 100-125 |
| Red Maple | Medium | 20 | 55 | 60-70 |
| | High | 30 | 65 | 80-85 |
| Mixed Hardwoods | Medium | 15-25 | 50-55 | 50-70 |
| | High | 30-35 | 65 | 80-85 |
| Pallet | | | | 45-55 |

Table II. Prices Pulpwood Per Cord — Northern New Hampshire¹

| Species | Stumpage | Roadside | Mill Yard |
|----------------|-------------|---------------|---------------|
| Spruce and Fir | | | |
| Rough | \$4.00-8.00 | \$16.00-28.00 | \$27.00-34.00 |
| White Pine | 2.00-2.50 | 14.00-16.00 | 20.00-27.00 |
| Hemlock | | | |
| Tamarack | 2.00-4.00 | 15.00-19.00 | 22.00-31.50 |
| Red Pine | | | |
| All Hardwood | 2.50-5.00 | 18.00-20.00 | 25.00-32.00 |

¹Pulpwood roadside price \$28.00-30.00 for shipment to Canada.

Prices of Pulpwood Per Cord — Southern New Hampshire¹

| Species | Stumpage | Roadside | Delivered at Mill |
|----------|-------------|----------|-------------------|
| Softwood | | | |
| Rough | | | \$8.00/Ton |
| Hardwood | | | |
| Rough | \$2.00-3.00 | | 7.00/Ton |

¹When buying pulpwood by weight: 5600 lbs. equals one cord in hardwoods and 4800 lbs. equals one cord in softwoods.

Table III. Price of Debarked Slabs and Edgings Per Green Ton Strapped

| | Delivered to Chipping Plant |
|-------------------------------|-----------------------------|
| Softwood ¹ (mixed) | \$5.25-7.00 |
| Hardwood (mixed) | 5.00-6.50 ² |

¹Special prices are paid for slabs and edgings sorted by species (spruce and fir).

²Contact buyers for exact prices and mileage allowances.

Price of Pulp Chips Per Cord¹

| | Scheduled Deliveries of Chips Produced from Roundwood ² | Produced from Slabs and Edgings Delivered to Pulp Mill ² |
|------------------|--|---|
| Pine and Hemlock | | \$24.00-30.00 |
| Spruce and Fir | \$25.00-28.00 | 24.00-32.00 |
| Hardwood (mixed) | 27.00-31.00 | 26.50-32.00 |

¹Chips are bought by weight or by volume.

²Contact buyers for exact prices and mileage allowances.

Table IV. Price Range of Excelsior Wood, Boltwood, Posts and Railroad Cross Ties

| Species | Stumpage | Roadside | Delivered at Mill |
|--------------------------------|---------------|---------------|--|
| Excelsior Wood Per Cord | | | |
| Poplar Peeled Rough | | | \$22.00- 28.00 18.00 |
| Boltwood Per Cord ¹ | | | |
| White Birch | \$15.00-25.00 | \$30.00-40.00 | 43.00- 65.00 per cord 70.00-145.00 per Mbf. |
| Beech | 10.00-15.00 | | 37.00- 50.00 per cord 75.00-105.00 per Mbf. |
| Sugar Maple and Ash | 15.00-20.00 | | 40.00- 56.00 per cord 75.00-125.00 per Mbf. |
| Yellow Birch | 15.00-20.00 | | 43.00- 60.00 per cord 75.00-120.00 per Mbf. |
| Mixed Hardwood (pallet) | 4.00- 7.00 | 15.00-25.00 | 37.00- 53.00 per cord |

¹Price per bolt varies according to diameter and length of bolt. Some mills prefer to buy by the Mbf.

Posts

| Species | Length | Top Diameter | Stumpage | Roadside Price |
|----------------------------------|--------|--------------|----------|----------------|
| Red (Norway Pine) and Pitch Pine | 7' | 8" | \$.40 | \$1.00 |
| | | 6" | .15 | .50 |
| | | 3-6" | .02 | .35 |
| Cedar | 8' | 6" | | .46 |
| | | 5" | | .41 |
| | | 4" | | .21 |

Railroad Crossties

| Grade | Size | Rail-bearing Face | Prices paid for Green Mixed Hardwood ¹ | | | |
|-----------------|------------------|-------------------|---|---------|------------------------------|---------|
| | | | Ties | | | |
| | | | Loaded on R.R. Cars | | Delivered by Truck to Nashua | |
| | | | each | per MBF | each | per MBF |
| 2 | (6" x 7" x 8'6") | 7" | \$3.85 | \$133 | \$4.20 | \$142 |
| 3 | (6" x 8" x 8'6") | 8" | 5.10 | 150 | 5.45 | 160 |
| 4 | (7" x 8" x 8'6") | 9" | 5.90 | 149 | 6.25 | 158 |
| 5 | (7" x 9" x 8'6") | 10" | 6.70 | 150 | 7.05 | 158 |
| Industrial Ties | | | 2.00 | | 2.00 | |

¹Oak, Beech, Birch, Maple, Cherry, Ash, Hickory

Table V. Price Range of Fuelwood Per Cord

| Species | Stumpage | Roadside | Delivered Buyers Premises |
|------------------------------|-------------|---------------|---------------------------|
| Hardwood ¹ | | | |
| 4' Wood | \$1.00-4.00 | \$12.00-40.00 | \$20.00-45.00 |
| 12", 14", 16" Lengths | | 18.00-45.00 | 20.00-55.00 |
| Slabs (Hardwood or Softwood) | | 2.00-20.00 | 16.00-25.00 |

Fireplace white birch will be slightly higher than above when bought in bundles.

Prices range up to \$60.00+ per cord.

Formula for determining cords of fuelwood, pulpwood and boltwood in 4' lengths.

Average height in inches times length of pile in feet divided by 384 equals the number of cords:

$$\text{EXAMPLE: } \frac{48'' \times 8'}{384} = 1 \text{ Cord}$$

If wood is longer or shorter than standard length, which is 48", divide by standard bolt length to get current percentage. (EXAMPLE: 39" divided by 48" equals 81%).

13.00-8.00 asked for sawing 4' wood into stove length.

Table VI. Price Range of Sawdust and Shavings and Bark

| | Per-Cord Green at Sawmill | Per Bale Air Dry |
|---------------------|--|-------------------|
| Sawdust | \$2.00-5.00 or \$.02 to .06 per cubic foot | |
| Shavings | \$2.00-5.00 or \$.02 to .045 per cubic foot | \$1.00 |
| Bagged Dry Shavings | | \$.75 to \$1.15 |
| Bark | \$.02 to \$.08 per cubic foot (loaded) 1.00-6.00 per yard (loaded) \$.50-6.00 per cord \$1.00 per yard, load your own | per 3 cu. ft. bag |

Table VII. Operating Costs (Contract Prices)

| | Felling and Bucking per Mbf | Yarding per Mbf | Trucking ^{3/4} per Mbf |
|-------------------------------|---|------------------|---------------------------------|
| Logs | | | |
| Softwood ¹ | \$10.00-14.00 | \$10.00-15.00 | \$15.00-27.00 |
| Softwood ² | 7.00-10.00 | 6.00-18.00 | 8.00-18.00 |
| Hardwood ¹ | 10.00-14.00 | 9.00-20.00 | 10.00-27.00 |
| Hardwood ² | 8.00-16.00 | 8.00-22.00 | 9.00-25.00 |
| Pulpwood | per cord | per cord | per cord |
| Softwood ¹ | \$ 8.00-9.00 | \$ 3.00-5.00 | \$ 4.50-9.00 |
| Hardwood ¹ | 7.00-9.00 | 3.00-6.00 | 5.00-10.00 |
| Hardwood ² | 6.50-9.00 | 4.00-6.00 | 4.00-11.00 |
| Fuelwood | 6.00-9.00 | 4.00-6.00 | |
| Lopping Tops (for aesthetics) | | \$ 1.50-2.50/Mbf | |
| Horse Rental | \$ 2.00-2.50 per cord if the jobber feeds the animal. \$ 2.00-3.00 per cord if the chopper feeds the animal. | | |
| Yarding Stump to Roadside - | | | |
| Skidder | \$10.00-14.00/cord or \$14.00-18.00/Mbf | | |
| Crawler | \$10.00-14.00/cord or \$15.00-20.00/Mbf | | |
| Horse | \$10.00-14.00/cord or \$15.00-20.00/Mbf | | |

Table VII. Operating Costs (Contract Prices) (Continued)

| | |
|--------------------|---|
| Chain Saw Rental | \$ 1.00-2.00 per hour |
| Man with Chain Saw | 4.00-6.00 per hour |
| Stickings | 4.00-5.00 square edge hardwood lumber per Mbf. 3.00-4.00 round edge softwood lumber per Mbf. |
| Custom Sawing | 35.00-50.00 per Mbf for softwoods or \$15.00-50.00 per hour. 10.00-15.00 more per Mbf for hardwoods or \$25.00-35.00 per hour. |
| Planing | 10.00-15.00 per Mbf one face or \$6.00-10.00 per hour. 15.00-20.00 per Mbf two faces or \$6.00-10.00 per hour. |
| Resawing | 6.00-8.00 per Mbf, per cut. |
| Stump to stick | 85.00-113.00 per Mbf. for Softwoods 85.00-135.00 per Mbf for Hardwoods. |

¹For Northern New Hampshire.²For Southern New Hampshire.³Intra-state and inter-state rates are sometimes used.⁴There are no established I.C.C. rates for trucking sawlogs and pulpwood. Rates are determined between the trucker and the party wanting the logs hauled on the basis of mileage involved. Average hauling prices are as follows:⁵\$25.00 for the first 10 miles and \$.20 to \$.25 per mile after.

Trucking Costs

| | Truck | Truck with Loader |
|----------|--------------|--|
| Logs | 0- 30 miles | \$ 5.00- 8.00 per Mbf |
| | 30- 50 miles | 8.00-12.00 per Mbf |
| | 50- 85 miles | 12.00-19.00 per Mbf |
| | 85-100 miles | 19.00-22.00 per Mbf |
| Pulpwood | 0- 15 miles | 5.50 per cord |
| | 15- 30 miles | 5.50- 6.50 per cord |
| | 30- 40 miles | 6.50- 7.50 per cord |
| | 40- 60 miles | 7.50- 8.50+ per cord or \$0.11 per loaded mile per cord plus \$1.01 for standby, delay and unload. |
| Chips | | 5.00-8.00 per cord. |

Table VIII. Wholesale Price Range¹ of Christmas Trees and Boughs²

| | Stumpage | | Roadside | |
|----------------------------|-------------|-------------------------|-------------|----------------|
| | Single | Bundle | Single | Bundle |
| Pasture Run (unimproved) | | | | |
| Balsam Fir | \$0.75-2.00 | | \$1.75-2.50 | \$3.75-7.00 |
| Spruce | 0.75-1.50 | | 1.50-2.00 | 2.75-5.50 |
| Improved (but not sheared) | | | | |
| Balsam Fir | 1.00-2.00 | \$2.00-4.00 | 2.50-5.00 | 4.00-7.00 |
| Spruce | 0.75-1.50 | 1.50-3.00 | 2.00-4.00 | 3.50-6.00 |
| Sheared | | | | |
| Balsam Fir | 2.00-3.50 | | 3.25-6.00 | |
| Spruce | 1.50-3.00 | | 2.75-5.00 | |
| Pine | 1.75-2.75 | | 3.25-4.50 | |
| Boughs | | Per Bundle ³ | Roadside | Per Ton |
| Balsam Fir (tied) | | \$1.75-2.00 | | \$75.00-100.00 |
| Balsam Fir (baled) | | 2.00-2.75 | | 80.00-110.00 |
| Spruce (tied) | | 1.25-1.50 | | 60.00- 85.00 |
| Spruce (baled) | | 1.85-2.25 | | 70.00- 90.00 |
| Pine | | 1.85-2.75 | | 70.00-110.00 |

¹Prices vary according to size of order, quality, grade and tree size.²Producers should contact buyers well in advance of cutting and arrange for deposits and specific prices, and use a written contract.³Price based on 50 lb. bundle. Prices vary with quality and quantity.

Table IX. Retail Price Range of Single Christmas Trees

(Select and cut your own)

| | |
|---------------|---|
| Scotch Pine | |
| Balsam Fir | |
| White Spruce | \$2.00-7.00 or \$.50-1.00 per lineal foot |
| Douglas Fir | |
| Norway Spruce | |
| Blue Spruce | |

Table X. Average Maple Sap Prices at Sugar House in New Hampshire

| %Sugar | Price/Gal. | % Sugar | Price/Gal. |
|-----------|------------|---------|------------|
| 0.0 to .8 | .000 | 3.6 | .136 |
| .9 | .015 | 3.7 | .140 |
| 1.0 | .022 | 3.8 | .144 |
| 1.1 | .027 | 3.9 | .148 |
| 1.2 | .032 | 4.0 | .152 |
| 1.3 | .037 | 4.1 | .156 |
| 1.4 | .042 | 4.2 | .160 |
| 1.5 | .047 | 4.3 | .164 |
| 1.6 | .052 | 4.4 | .170 |
| 1.7 | .057 | 4.5 | .174 |
| 1.8 | .062 | 4.6 | .178 |
| 1.9 | .067 | 4.7 | .182 |
| 2.0 | .072 | 4.8 | .186 |
| 2.1 | .076 | 4.9 | .190 |
| 2.2 | .080 | 5.0 | .194 |
| 2.3 | .084 | 5.1 | .198 |
| 2.4 | .088 | 5.2 | .202 |
| 2.5 | .092 | 5.3 | .206 |
| 2.6 | .096 | 5.4 | .210 |
| 2.7 | .100 | 5.5 | .214 |
| 2.8 | .104 | 5.6 | .218 |
| 2.9 | .108 | 5.7 | .222 |
| 3.0 | .112 | 5.8 | .226 |
| 3.1 | .116 | 5.9 | .230 |
| 3.2 | .120 | 6.0 | .234 |
| 3.3 | .124 | 6.1 | .238 |
| 3.4 | .128 | 6.2 | .242 |
| 3.5 | .132 | 6.3 | .246 |

**Maple Syrup Price Ranges for 1973
in Metal Containers for Grades: Fancy, and A**

| | | |
|----------|----------------|------------------|
| 1 Gallon | \$7.50-\$12.50 | Mostly \$9.50 |
| ½ Gallon | 4.25- 6.00 | Mostly 5.50 |
| 1 Quart | 3.00- 3.75 | Mostly 3.25-3.50 |
| 1 Pint | 2.00- 2.75 | Mostly 2.25 |
| ½ Pint | 1.50- 1.75 | |

Rent Price Per Tap Hole

10 cents for sugar maples in the woods and not too easy to get to;
up to 30 cents for easily accessible trees and trees along roadsides.

**COMPANIES AND INDIVIDUALS BUYING STANDING TIMBER
AND LOGS AND DOING CUSTOM SAWING
Listed by County and Town**

Name of buyers listed in this bulletin are those who have indicated to the County Foresters that they are in the market now or at a later date to purchase one or more of the following: stumpage, logs, pulpwood, bolts, excelsior wood, pilings, posts, and other forest products. Many buyers and operators will give a preference to owners in the purchases of forest products who are interested in harvesting forest products from their holdings in accordance with cutting practices recommended by a County forester or a private forester. Owners can well consider giving options for further cuts to operators who will make partial cuttings in stands operated according to good forest management.

The following abbreviations are used:

| | | |
|-----------------|----------------------|--------------------------|
| SW — Softwood | HW — Hardwood | Stump — Stumpage |
| Road — Roadside | Cus. — Custom Sawing | Del. — Delivered at mill |
| P — Portable | S — Stationary | B — Buyer only |
| | | L — Logger |

Names of forest products buyers, and other persons listed are offered without recommendation or preference. Omission is not a reflection on the integrity of any person. A list of registered sawmills and of secondary processors is available from the Department of Resources and Economic Development, Concord, New Hampshire.

BELKNAP COUNTY

| Town & Operator | Type of Sawmill | Kind of Logs | Stump. | Road | Del. | Cus. |
|----------------------|-----------------|--------------|--------|------|------|------|
| Belmont | | | | | | |
| Dickinson Lbr. Corp | S | SW & HW | X | X | X | |
| Dickinson, John | | | | | | |
| Box 696, Laconia | | | | | | |
| Center Harbor | | | | | | |
| Elliott, Dennis | B & L | SW & HW | X | X | | |
| Box 302 | | | | | | |
| Center Harbor | | | | | | |
| Nave, Walter | B & L | SW & HW | X | | | |
| RFD | | | | | | |
| Center Harbor | | | | | | |
| Moulton, Richard | B & L | SW & HW | X | | | |
| Nova Kennels | | | | | | |
| Center Harbor | | | | | | |
| Gilmanton | | | | | | |
| Clairmonts Sawmill | S | SW & HW | X | X | X | X |
| RFD 2, Laconia | | | | | | |
| Dawson, Robert | S | SW & HW | X | X | X | X |
| RFD 1, Barnstead | | | | | | |
| Potter, Robert | S & L | SW & HW | X | X | X | X |

BELKNAP COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump. | Road | Del. | Cus. |
|---------------------|-----------------|--------------|--------|------|------|------|
| Laconia | | | | | | |
| Allen-Rogers Corp. | B | HW— Boltwood | X | X | X | |
| Water St., Laconia | | | | | | |
| Dow, Harry | S | SW & HW | X | X | | X |
| RFD 3 | | | | | | |
| Laconia | | | | | | |
| Meredith | | | | | | |
| Goss, Wellington | S | SW & HW | | | | X |
| Jenness Hill Road | | | | | | |
| New Hampton | | | | | | |
| H. L. Murray & Son | B & L | SW & HW | X | | | |
| Tilton | | | | | | |
| Contigiani Lbr. Co. | B & L | SW & HW | X | X | X | |
| 11 Howard Avenue | | | | | | |

CARROLL COUNTY

| | | | | | | |
|----------------------------|-------|--------------|---------------------|--|---|---|
| Bartlett | | | | | | |
| Kearsarge Peg Co., | S | Birch | X | | X | |
| W. F. Hodgins and | | Bolts & Logs | | | | |
| S. E. Davidson, Jr. | | | | | | |
| Conway | | | | | | |
| Cummings, C. B. & Sons | S | HW Boltwood | X | | X | |
| c/o Howard Young, Sr. | | | | | | |
| Dewitt, Sidney | B & L | SW & HW | X (crawler tractor) | | | |
| Conway | | Pulp & Logs | | | | |
| Heath Brothers | B & L | SW & HW | X | | | |
| Center Conway | | | | | | |
| Geo. W. and Noyes K. Heath | B & L | SW & HW | X | | | X |
| Morrill, Brewster | B & L | SW & HW | X | | | |
| Oak St., N. Conway | | | | | | |
| North Conway Lumber Co. | S | SW & HW | X | | X | |
| North Conway | | | | | | |
| Valladares, Ricardo | B & L | SW & HW | X | | | |
| Box 188 | | Pulp & Logs | | | | |
| Conway | | | | | | |

CARROLL COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|---|-----------------|------------------|-------------------|------|------|------|
| Glen | | | | | | |
| Parker, John E. | B & L | SW & HW | X | X | X | |
| Jackson | | | | | | |
| Dundee Mgmt. Corp. Mack Beal Box 101, Jackson | B & L | SW & HW | X | | | |
| Ossipee | | | | | | |
| Marsh, Raymond Box 117 West Ossipee | B & L | SW & HW | X | | | |
| Portland Dowel Co., Inc. Center Ossipee Terry Fitzgerald | S | HW Bolts | X | X | X | |
| New England Lumber Co., Inc. Box 126 West Ossipee Earl W. Chandler | S | SW & HW | X | X | X | |
| Welch, Austin E. | B & L | SW & HW | X | X | | |
| Sanbornville | | | | | | |
| Hill, Wallace F. | B & L | SW & HW | X | | | |
| Rouleau, Samuel | B & L | SW & HW | X | | | |
| Tamworth | | | | | | |
| Bickford Logging Bickford, Fred M., Jr. South Tamworth | B & L & S | SW & HW | X | | X | X |
| Chocorua Valley Lbr. Co. | S, B & L | SW & HW | X | X | X | |
| Floyd, Robert | B & L | SW & HW | X (Horse logging) | | | |
| Hammond, Roy Tamworth | B & L | SW & HW | X | X | X | |
| Saunders Brothers c/o Elton Perkins South Tamworth | B & L | Birch Bolts & HW | X | X | X | |
| Rowe, Ernest Tamworth | S | SW & HW | X | X | X | |
| Ryder, Perley So. Tamworth | B & L | SW & HW | X | | | |
| Thomas Lbr. Co. Inc. Bruce Thomas | B & L | SW & HW | X | X | X | |

CARROLL COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|---|-----------------|-----------------|-------|------|------|------|
| Wolfeboro | | | | | | |
| Smith River Co. Bruce Barnard Wolfeboro Falls | S | Excelsior Bolts | | | | X |

CHESHIRE COUNTY

| | | | | | | |
|--|-------|---------|---|---|---|---|
| Alstead | | | | | | |
| Blanchflower Lbr. Corp. P. O. Box 235 | S | SW & HW | X | | | X |
| Woodell, Geo. | B & L | SW & HW | X | | | |
| Chesterfield | | | | | | |
| Dean, Tom | B & L | SW & HW | X | | | |
| Hall, David | B & L | SW & HW | X | X | | |
| Fitzwilliam | | | | | | |
| Damon, Clayton | S | SW & HW | X | X | X | X |
| Tommila Bros. RFD, Troy | S | SW & HW | X | | X | |
| Gilsum | | | | | | |
| Duffy, Arthur Gilsum | B & L | SW & HW | X | | | |
| Prevost, David, Jr. Box 183, Gilsum | B & L | SW & HW | X | | | |
| Jaffrey | | | | | | |
| Monadnock Forest Prod. | S | SW | X | X | X | |
| Miner, Theodore | S | SW & HW | X | | | X |
| Marlborough | | | | | | |
| Marlborough Sawmills | S | SW & HW | X | X | X | |
| Tarr, Roland | B & L | SW & HW | X | | | |
| White, Larry | B & L | SW & HW | X | | | |
| Marlow | | | | | | |
| Foote, Tom | S | SW & HW | | | | X |
| Nelson | | | | | | |
| McClure, Larry | S | SW & HW | X | X | X | X |

CHESHIRE COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--------------------------------------|-----------------|--------------|-------|------|------|------|
| Swanzy | | | | | | |
| Lane, C. L. Company East Swanzy | S | SW & HW | X | X | X | |
| Frazier Furniture Co. West Swanzy | S | HW | | | X | X |
| Surry | | | | | | |
| Starkey, Roger | B & L | SW & HW | X | | | |
| Walpole | | | | | | |
| Damaziak, K. Felix | S | HW | X | X | X | X |
| Winchester | | | | | | |
| Beaman Lbr. Co. | S | SW & HW | X | X | X | |
| Prouty, Harry | B & L | SW & HW | X | | | |

COOS COUNTY

| | | | | | | |
|---|---|-----------------|---|---|---|---|
| Berlin | | | | | | |
| White Mt. Lbr Co., Inc. East Milan Road Kelley, Barry, Buyer | S | SW & HW | X | X | X | X |
| White Mt. Woodcraft, Inc. Division of Nichols & Stone Boucher, George, Buyer E. Milan Road | S | SW & HW | | | X | |
| Dalton | | | | | | |
| Saunders Bros Bartlett, Raymond, Buyer RFD, Whitefield | S | HW | X | X | X | |
| Groveton | | | | | | |
| C. B. Cummings & Son Co. Cass, Stephen, Buyer | S | HW (Birch only) | | | X | |
| Perras Lbr. Co. Perras, Real | S | SW | X | X | X | |
| Jefferson | | | | | | |
| Josselyn, Keith Shingle Mill North Road | P | SW (Cedar) | X | X | X | |

COOS COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--|-----------------|--------------|-------|------|------|------|
| Lancaster | | | | | | |
| Alden, Clayton M. RFD No. 1 | S | HW | X | X | X | |
| Placey, George RFD No. 1 | S | SW | | | X | |
| Southworth, Thomas RFD No. 1 | S | SW | | | X | X |
| Milan | | | | | | |
| Milan Industries, Inc. Paul Dumas, Buyer | S | SW | | | X | |
| North Stratford | | | | | | |
| Washburn Lumber Co. Reuben Washburn, Buyer | S | SW & HW | X | X | X | |
| West Stewartstown | | | | | | |
| Burns, Robert | B | SW & HW | | | X | |
| Whitefield | | | | | | |
| Miles Pond Wood Products, Inc. Roger Olds, Buyer Robert Olds, Buyer | S | SW & HW | X | X | X | |

GRAFTON COUNTY

| | | | | | | |
|-----------------------------------|---|---------|---|---|---|---|
| Ashland | | | | | | |
| Melanson, R. E. | S | SW & HW | X | X | X | |
| Bath | | | | | | |
| Diamond Woodworking Co. | S | SW & HW | X | X | X | X |
| H. G. Wood Industries, Inc. | S | SW | X | X | X | |
| Benton | | | | | | |
| Page Hill Farms Pike, N.H. | S | SW | | | X | X |
| Bridgewater | | | | | | |
| Beaver Lbr. Co. P. O. Plymouth | S | HW | | | X | |
| Bristol | | | | | | |
| Williams, R. P. & Son | S | SW | X | X | X | |

GRAFTON COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--|-----------------|--------------|-------|------|------|------|
| <u>Campton</u> | | | | | | |
| Rockwell International Corp. Beebe River, N.H. | S | SW & HW | X | X | X | |
| <u>Canaan</u> | | | | | | |
| Roberts Lumber Co. | S | SW & HW | X | X | X | |
| Hammond, F. C. & Co. | S | SW & HW | X | X | X | X |
| Stark, Walter | S | SW & HW | X | X | X | X |
| <u>Enfield</u> | | | | | | |
| Tucker, William S. RFD, Canaan | S | SW & HW | | X | X | X |
| <u>Haverhill</u> | | | | | | |
| Heberbrand, Arthur D. North Haverhill | S | SW & HW | | | | X |
| Newman Lumber Co. & Transit Milling Co. Woodsville | S | SW & HW | X | X | X | |
| Northeast Hardwoods, Inc. North Haverhill | S | HW | X | X | X | |
| <u>Lebanon</u> | | | | | | |
| P. K. Brown & Sons, Inc. | S | HW | X | X | X | |
| <u>Lisbon</u> | | | | | | |
| Profile Lumber Co. | S | SW & HW | X | X | X | |
| <u>Littleton</u> | | | | | | |
| Schoff Lumber Co. | S | SW & HW | X | X | X | |
| Timber Products Lawrence Bean | S | HW | X | | X | |
| Poulsen Lumber Co. | S | SW & HW | X | X | X | |
| Crowe, Luther | B & L | SW & HW | X | X | | |
| Little, Raymond | B & L | SW & HW | X | | | |
| Plante, Roy, Sr. | B & L | SW & HW | X | X | | |
| Foster, John | B & L | SW & HW | X | | | |
| <u>Orford</u> | | | | | | |
| L & L Lumber Co. | S | SW & HW | X | X | X | X |

GRAFTON COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|-------------------------------|-----------------|--------------|-------|------|------|------|
| <u>Plymouth</u> | | | | | | |
| Ireland Lumber Co. | S | SW & HW | X | X | X | X |
| Whitman Division USM Corp. | S | HW | | | X | |
| Roy, Thomas | B & L | SW & HW | X | | | |
| <u>Rumney</u> | | | | | | |
| Keniston, Raymond | S | SW & HW | X | X | X | |
| <u>Warren</u> | | | | | | |
| Whitcher, Kenneth | S | SW & HW | X | X | X | X |
| <u>Wentworth</u> | | | | | | |
| Allen Rogers Corp. | S | HW | X | X | X | |
| King, John M. | B & L | SW & HW | X | | | |

HILLSBORO COUNTY

| | | | | | | |
|---|---|---------|---|---|---|---|
| <u>Amherst</u> | | | | | | |
| Converse & Peaslee c/o Max Sherburne Tyngsboro, Mass. | S | SW & HW | X | | | X |
| <u>Antrim</u> | | | | | | |
| Cole, Norman | S | SW | | | | X |
| <u>Bennington</u> | | | | | | |
| Durgin, John D. Box 367, Antrim | P | SW & HW | X | X | X | |
| Low, Forest | S | SW | | | | X |
| <u>Brookline</u> | | | | | | |
| Tapley, Wm. Lunenburg, Mass. | S | SW & HW | X | X | X | |
| Bingham, Donald Box 327 | S | SW & HW | X | X | X | |
| <u>Fracesttown</u> | | | | | | |
| Hoyt, Francis | S | SW & HW | | | | X |
| <u>Goffstown</u> | | | | | | |
| Hebert, Lucien Route 4, Box 208 Manchester | P | SW & HW | X | | | |

HILLSBORO COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|---------------------------------------|-----------------|--------------|-------|------|------|------|
| Hollis | | | | | | |
| Woods, Arthur Hollis | S | SW | | | X | X |
| Lyndeboro | | | | | | |
| Birch, Joseph S. | S | SW & HW | X | | | |
| Milford | | | | | | |
| Hopkins, John, Jr. | S | SW | | | X | X |
| Lorden Lbr. Co. | S | SW & HW | X | | X | |
| Matson, Theodore | P | SW & HW | X | X | X | |
| Riley Bros. c/o Peter Riley | S | SW & HW | X | X | X | |
| Whitten, Chester | S | SW | X | X | X | |
| Wilkins, Harold, Jr. Amherst, N.H. | S | SW | X | X | X | X |
| Nashua | | | | | | |
| Holt, Clinton, A. RFD 3 | S | SW & HW | X | X | X | X |
| New Ipswich | | | | | | |
| Saari, George | S | SW & HW | X | X | X | X |
| Weare | | | | | | |
| Colburn, Robert | S | SW | | | | X |

MERRIMACK COUNTY

| | | | | | | |
|---|---|---------|---|---|---|---|
| Andover | | | | | | |
| Dalphond Bros., Inc. RFD No. 1 | S | SW & HW | X | X | X | X |
| Allen Rogers Corp. | S | HW | X | X | X | |
| Larry, French | B | SW & HW | X | | | |
| Boscawen | | | | | | |
| Colby Lumber Co. Box 146, Penacook | S | SW & HW | X | X | X | X |
| Durant, Herbert B. 164 N. Main St. Penacook | S | SW & HW | | X | X | X |

MERRIMACK COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|---|-----------------|--------------|-------|------|------|------|
| Bailey, Wm. G., Jr. | | | | | | |
| R. 5, Penacook | B | SW & HW | X | | | |
| Chichester | | | | | | |
| Reed, Edgar | P | SW | X | | | |
| Concord | | | | | | |
| Concord Lumber Co. Box 469 | S | SW & HW | X | X | X | X |
| Dunbarton | | | | | | |
| Blackman, L. | S | SW & HW | X | X | X | |
| Henniker | | | | | | |
| Aucoin, Herve | B | SW & HW | X | | | |
| Bowlan Lbr. Co. | S | SW | X | X | X | |
| Buxton, F. H. | B | SW & HW | X | X | | |
| Goss Lumber Co. | S | SW & HW | X | X | X | X |
| Triple L. Lbr. Co. | S | SW & HW | X | X | X | X |
| Knapton, James L. RFD | B | HW & SW | X | X | | |
| Patenaude, Barry Rush Road | S | SW & HW | X | X | X | X |
| Thelvicki Corp. Thomas Johnson, Buyer Henniker, N.H. | B & S | HW & SW | X | X | X | |
| Henniker Hardwood Pallet Co., Inc. Richard French, Mgr. | S | HW | X | X | X | X |
| Bowlan Lumber Co. | S | SW & HW | X | X | X | |
| Hill | | | | | | |
| Robie, Raymond | S | SW & HW | X | X | X | |
| Loudon | | | | | | |
| Berwick & Ford Lumber Co., Inc. 6 Grove St., Concord | S | SW & HW | X | | | |
| Maxfield, Ralph H. Box 30 | | SW & HW | X | X | X | X |
| Louden Lumber RFD 8, Concord | S | SW & HW | X | | | |

MERRIMACK COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|---|-----------------|--------------|-------|------|------|------|
| <u>New London</u> | | | | | | |
| Messer, J. | B | SW & HW | X | | | |
| <u>Pittsfield</u> | | | | | | |
| Barton Bros. | P & S | SW | X | X | X | |
| Pittsfield Box & Lumber Co. | P | SW | X | | | |
| <u>Salisbury</u> | | | | | | |
| Prince, Raymond | B | SW & HW | X | | | |
| <u>Sutton</u> | | | | | | |
| Meding, Stephen-Y. Enterprises RFD, New London | S | SW & HW | X | X | X | X |
| <u>Warner</u> | | | | | | |
| Mock, Philip RFD No. 1 | B | SW & HW | X | | | |
| Nichols, L. Earl | S | SW | X | X | X | |
| <u>Webster</u> | | | | | | |
| Riley Lumber | S | SW | X | X | X | |
| Roby, Rob | B Q | SW & HW | X | | | |
| Hoar, Robert | S | SW | X | X | | |

ROCKINGHAM COUNTY

| | | | | | | |
|--|-------|---------|---|---|---|---|
| <u>Atkinson</u> | | | | | | |
| Feuer Lumber Co. Main St. | S | SW & HW | X | X | X | X |
| <u>Auburn</u> | | | | | | |
| Shell Repairing of Manchester, Inc. P.O. Box 853 Manchester | S | SW & HW | X | X | X | X |
| <u>Brentwood</u> | | | | | | |
| Brentwood Lbr., Inc. RFD No. 2, Exeter | S & B | SW | | | X | |
| Lyford, Lawrence E. RFD No. 2, Exeter | L | SW | X | | | |

ROCKINGHAM COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--|-----------------|--------------|-------|------|------|------|
| <u>MYCA Forest Industries</u> | | | | | | |
| RFD No. 1, Exeter | L & B | SW & HW | X | X | | X |
| <u>Tardy, Donald</u> | | | | | | |
| Deer Hill Road RFD No. 1, Epping | L & B | SW & HW | X | X | | |
| <u>Candia</u> | | | | | | |
| Candia Lumber Co. Inc. Perkins, Fletcher, Pres. East Candia | P | SW & HW | X | X | X | |
| <u>Chester</u> | | | | | | |
| Lewis, Richard D. Route 2, Box 15A | L & B | SW & HW | X | X | | |
| Paris Bros. RFD 2, Box 1281 Fremont Rd. | S & L | SW | X | X | | X |
| <u>Deerfield</u> | | | | | | |
| Mathes, Roger V. | P | SW | X | | | |
| Southmayd, Elmer F. Box 53 | S | SW & HW | | X | X | |
| <u>Derry</u> | | | | | | |
| Kelly, Lester H. P. O. Box 256 | B & L | SW & HW | X | X | X | |
| True & Noyes Lumber Co. East Derry, Box 6 Contact: Richard M. True | S | SW & HW | X | X | | |
| <u>East Kingston</u> | | | | | | |
| R. E. Sargent Sargent Lumber Co. RFD 2, Plaistow | S | SW & HW | X | | X | X |
| <u>Epping</u> | | | | | | |
| Woodward Lumber Co. Blake Rd., West Epping | S | SW & HW | X | X | X | X |
| <u>Exeter</u> | | | | | | |
| Baillargeon, Amede, A. Guinea Rd., Box 69 | S | SW | | | X | X |
| <u>Fremont</u> | | | | | | |
| Bolduc, Joseph, Jr. Main St. | L | SW & HW | X | | | |

ROCKINGHAM COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump. | Road | Del. | Cus. |
|---|-----------------|--------------|--------|------|------|------|
| N.H. Pulp Co. Tom McGall RFD, Raymond | S | HW & SW | | | X | X |
| Holmes, Leon F. Sandown Rd. | B | SW & HW | X | X | | |
| Leclair, Fred & Sons Sandown Rd. | L & B | SW | X | | | |
| Spaulding & Frost Co., Inc. Main St. | S | SW | X | | X | X |
| Hampton | | | | | | |
| Carter, Joseph E. 36 Mace Rd. | L | SW & HW | X | X | | |
| Kensington | | | | | | |
| Brown, Everett W. RFD 1, East Kingston | L & B | SW & HW | X | | | |
| Cole, George RFD, East Kingston | S | SW & HW | | | | X |
| Kimball, Paul & Son Kimball Road | S | SW & HW | | | | X |
| Kingston | | | | | | |
| Cheney, R. W. & Son RFD, East Kingston | S & B | SW | | | X | |
| Londonderry | | | | | | |
| Concord Lbr. Co. P.O. Box 469 Concord | S | SW | X | | X | X |
| Nottingham | | | | | | |
| Fernald, James S. Box 27 J.E.F.F., Inc. | L | SW & HW | X | | | |
| Raymond | | | | | | |
| Campbell, Avery | S | SW & HW | X | X | X | X |
| Jewett, Edward Lane Rd., RFD No. 2 | B | SW & HW | X | X | | |
| Rye | | | | | | |
| Rand Lbr. Co., Inc. 511 Wallis Road | S & B | SW & HW | X | X | X | X |

ROCKINGHAM COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--------------------------------|-----------------|--------------|-------|------|------|------|
| Stratham | | | | | | |
| Fernald, Scott 2 Emery Lane | S & B | SW | | | X | |

STRAFFORD COUNTY

| | | | | | | |
|---|-------|---------|---|---|---|---|
| Barrington | | | | | | |
| Hoyt, Benjamin | S | SW & HW | | | X | X |
| Dover | | | | | | |
| Mathes, Valentine | B | SW | X | | | |
| Durham | | | | | | |
| Woodward, William | S | SW | X | X | X | X |
| Farmington | | | | | | |
| Leary, Kenneth RFD, Farmington | S | SW & HW | | | | X |
| Mooney, G. & F. & Son, Inc. Box 578, Farmington | S | HW & SW | | | X | |
| Gonic | | | | | | |
| Hussey, Robert Flagg Road, RFD, Gonic | B | SW & HW | X | X | | |
| Middleton | | | | | | |
| Diprizio, Charles & Sons, Inc. (Middleton) RFD No. 1, Union | S | SW & HW | X | X | X | X |
| Milton | | | | | | |
| Tibbetts Lbr. Co. Farmington | S | SW & HW | X | X | X | |
| New Durham | | | | | | |
| Arnold, Robert C. | L | SW & HW | X | | | |
| Bickford Bros. | S | SW & HW | | | | X |
| Rochester | | | | | | |
| Parker, Dick | B & L | SW & HW | X | | | |
| Strafford | | | | | | |
| Bartlett, James | S | SW & HW | | | X | X |

SULLIVAN COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--|-----------------|--------------|-------|------|------|------|
| <u>Claremont</u> | | | | | | |
| Atkinson & Davis Corp. 104 Pleasant St. | B & L | SW & HW | X | X | | |
| Brodeur, Maurice 11 Hanover St. | B & L | SW & HW | X | | | |
| Davis & Symonds Lbr. Co. Box 56 | S | SW & HW | X | | X | |
| Freeman & Hawkins Winter St. Ext. | S | SW & HW | | | | X |
| James Neil, Inc. P.O. Box 224 | B | SW & HW | X | X | | |
| Red Water Lbr. RFD No. 1 | S | SW & HW | X | X | X | X |
| Stevens, H. O., Jr. 31 Myrtle St. | B | SW & HW | X | X | | |
| Stevens Forestry RFD 2, Main St. Ext. | B & L | SW & HW | X | X | | |
| <u>East Lempster</u> | | | | | | |
| Onnela Lbr. Co. 24 Pinnacle Rd. Newport | S | SW | X | X | X | X |
| <u>Grantham</u> | | | | | | |
| Cote & Reney Lbr. Co., Inc. | S | SW | X | X | X | |
| <u>Langdon</u> | | | | | | |
| Porter, George RFD, Alstead | S | SW & HW | | | X | |
| <u>Newport</u> | | | | | | |
| Rowe Lbr. Co. Box 383 | S | SW & HW | X | | X | |
| Simino, Robert Box 211 | B & L | SW & HW | X | X | | |
| Wayne Simino RFD 2, Box 244 | B & L | SW & HW | X | X | | |
| Wilcox Lbr. Co., Inc. RFD 2 | S | SW | X | X | X | |
| Controlled Forest Management 17 Alexander Ave. | B & L | SW & HW | X | X | | |

SULLIVAN COUNTY (Continued)

| Town & Operator | Type of Sawmill | Kind of Logs | Stump | Road | Del. | Cus. |
|--------------------------|-----------------|--------------|-------|------|------|------|
| <u>Plainfield</u> | | | | | | |
| Demers, Warren | P | SW & HW | | | | X |
| <u>Sunapee</u> | | | | | | |
| Trow, W. W. Son | S | SW & HW | | | X | X |

**Out-of-State Stumpage, Log, and Specialty Buyers
Who Buy in New Hampshire**

| | Kind of Logs | Stump. | Road | Del. | Cus. | | Kind of Logs | Stump. | Road | Del. | Cus. |
|--|--|--------------------------------|--------------------|---------------------|------|---|-----------------|------------------------|-----------------------------|----------------------|------|
| Maine | | | | | | | | | | | |
| Andover Wood Products, Inc. Andover, Tel. Rumford 364-4409 Francis, Bolduc, Buyer | HW | | | X | | Maine Woods Products Corporation Gunter Steward, W., Buyer Steep Falls | HW | | | X | |
| Bear Paw Timber Corp. Box 80, Fryeburg A. S. Vaidan, Manager | SW & HW | X | X | X | | Newton, Tebbets, Inc. W. Bethel, 836-2336 Charles, Koeskie, Buyer | HW | | | X | |
| Chadbourne, P. H. & Co. Dick Waldron, Buyer Bethel, 824-2155 | SW (Also SW slabs for chipping) | X | X | X | | Richardson, Denis | B & L | SW & HW | X (pulp and logs - crawler) | | |
| Crouse, Harry G. N. Fryeburg | SW & HW | X | X | X | | S. D. Warren Co. Westbrook Wayne Jackson David Clement Steve Orach | SW & HW | X (pulpwood) | X | | |
| Cummings, C. B. & Sons c/o Donald Holden Norway, Maine | HW (Birch) | X | X | X | | Sprang, Phillip RFD, Kennebunk, 499-2211 | SW & HW | X | | | |
| Fryeburg Lbr. & Chipping Corp. Archie Lane, Buyer Fryeburg | SW | X | | X | | Smith, Wilmer & Son Fryeburg | B & L | X | | | |
| Gladning - Paris Div. Henry W. Morton, Buyer Box 259, So. Paris Tel. 743-5111 | HW | | | X | | Stowel, Silk Spool Co. Bryant Pond, Tel. 44 Milton Mills, Buyer | HW | | | X | |
| Haggerty, Peter Kezar Falls | SW & HW | X (Pulp & Logs, Horse Logging) | | | | Weston, George Fryeburg | SW & HW | X | X (pulp and logs) | | |
| Saunders Bros. Hall & Smith Stanley Fitts, Manager Garland, Buhrman, Woodlands Mgr. Lusky, Paul, Buyer Fryeburg | HW & SW | X | X | X | | Wales, Rodney Fryeburg | SW & HW | X | X | X (pulp and logs) | |
| Hammond & Son, Thomas E. Hiram | SW | X | X Logs by grade | X | X | Massachusetts | | | | | |
| Hanover Dowel Mill Bethel, 824-2191 W. E. Saunders, Buyer | HW (White and Yellow Birch) | | | X | | Bartlett, Edmund W. 240 Main Street Salisbury | S & B | SW & HW tree length | X | X | X |
| Hurd Lbr. Co. E. Lebanon Carl Hurd, Manager | SW & HW | X | X | X | X | Clark Lumber Co. Warwick, Mass. | S | SW & HW | X | X | X |
| Kendall Mill W. Bethel, 836-2473 Maurice Kendall, Buyer | HW (White Birch only) | | | X (Bolts & Logs) | | Curtis Lbr. Co. Hubbardston Dick Simoneau | S | SW & HW | X | X | X |
| LaValley, Inc. Albert Sanford Richard, Arsenault, Woodland, Mgr. | SW & HW (Softwood roundwood for chipping) | X | X | X | | Johnson Lumber Co. Salisbury, Mass. | S & B | SW | X | | X |
| | | | | | | Brown Package Co., Inc. Winchendon | S | W. Pine | X | | X |
| | | | | | | Esty, Ralph A. & Sons, Inc. Hobart B. Esty, Pres. & Treas. Main Street Groveland | S & B | SW & HW | X | X | X |

**Out-of-State Stumpage, Log, and Specialty Buyers
Who Buy in New Hampshire (Continued)**

| | | Kind of Logs | Stump. | Road | Del. | Cus. | | Kind of Logs | Stump. | Road | Del. | Cus. |
|--------------------------------|-------|-----------------|--------|------|------|------|----------------------------------|--------------------|--------|------|------|------|
| Esty, Ralph | S | SW | X | X | X | X | Fournier, Arthur | SW | X | X | X | X |
| Uptack Road | | | | | | | Chester (for Newport, N.H. mill) | | | | | |
| RFD No. 4 | | | | | | | Indian Head Plywood | HW (Veneer) | | | X | |
| Georgetown | | | | | | | Newport | | | | | |
| Freys Lumber Co. | | SW & HW | X | | | | Ivan Elger (Buyer) | | | | | |
| Cross St., Bernardston | | | | | | | Berlin, N.H. 752-6428 | | | | | |
| Haskel, C. M. & Sons | | SW | X | X | X | X | Malmquist-Wood Products Co. | HW | | | X | |
| 400 Canal St. | | | | | | | Post Mills | | | | | |
| Bernardston | | | | | | | Robert Doyle, Buyer | | | | | |
| High Grade Logging | | SW & HW | X | | | | Mason, Gary | SW & HW | X | | | |
| Thomas Hill | | | | | | | Box 161, Hartford | | | | | |
| Ashburnham 827-4768 | | | | | | | Peck Lbr. Co. | SW & HW | X | X | X | X |
| Johnson Lumber | S & B | SW & HW | X | X | | | Vernon | | | | | |
| 304 Main St. | | | | | | | Howard Mason, Buyer | | | | | |
| Salisbury | | | | | | | River Basket Corp. | Pine, ash, oak | | | X | |
| <u>Vermont</u> | | | | | | | Putney | logs, 8', 10', 12' | | | | |
| Kimberly-Clark Corp. | | HW | X | | | | Smead Lumber Co. | SW & HW | X | X | X | X |
| Atlantic Lbr. Operations | | | | | | | Vernon | | | | | |
| John Maciejowski | | | | | | | Tri-State Timberland Corp. | SW & HW | X | X | X | |
| Passumpsic 748-8345 | | | | | | | P.O. Box | | | | | |
| Batchelder, Earl | | HW | | X | X | X | Hartland, Vermont | | | | | |
| Windham, Vt. | | | | | | | Tenney's Lbr. Mill | SW & HW | X | X | X | |
| Beecher Falls Div. of | | SW & HW | | | X | | Saxton's River | | | | | |
| Baumritter Corp. | | | | | | | Claude Tenney, Buyer | | | | | |
| Beecher Falls | | | | | | | True Temper Corp. | Ashlogs and | X | X | X | |
| Bradford Veneer & Panel Co. | | HW (Veneer) | X | X | X | | Wallingford and | Boltwood | | | | |
| Britton Lbr. Co. | | HW & SW | X | X | X | | St. Johnsbury | | | | | |
| Ely, Vt. | | | | | | | Ralph Ridley, Buyer | | | | | |
| Cooke Bros. | | SW & HW | X | X | | | Vermont Log Bldgs., Inc. | W. Pine | | | X | |
| Brattleboro | | | | | | | Hartland | | | | | |
| Cersosimo Lbr. Co., Inc. | | SW & HW | X | | | | Joseph P. Wevurski, Salesman | | | | | |
| RFD No. 3 | | | | | | | Weyerhaeuser Co. | HW (Veneer) | | | X | |
| Brattleboro | | | | | | | Hancock | | | | | |
| Clark, C. E. & Sons | | SW & HW | X | X | X | | Kelley Enterprises, Inc. | HW | X | X | X | |
| c/o Francis Clark | | | | | | | P. O. Box 6, Bellows Falls | | | | | |
| 29 Western Ave. | | | | | | | <u>Quebec—Canada</u> | | | | | |
| Brattleboro | | | | | | | Kimberly-Clark Corp. | HW | | | X | |
| Colby Lbr. Corp. | | SW | | X | X | X | Atlantic Lbr. Operations | | | | | |
| Lunenburg 892-5320 | | | | | | | Sawyer ville 889-2644 | | | | | |
| Concord Woodworking Co. of Vt. | | SW & Cedar | | X | X | | | | | | | |
| Lyndonville, 626-5725 | | | | | | | | | | | | |
| Bill Hackett, Buyer | | | | | | | | | | | | |

**Out-of-State Stumpage, Log, and Specialty Buyers
Who Buy in New Hampshire (Continued)**

| | Kind of Logs | Stump. | Road | Del. | Cus. |
|--|-----------------|--------|------|------|------|
| Boulanger, Roland, Co., Ltd. Woburn, Que. (819) 544-2071 | Pine Logs | | X | | |
| Scieries Coaticook, Ltd. Coaticook, Que. | HW & SW | | | X | |
| W. H. Hunting & Sons, Ltd. Huntingville, Que. 562-8202, Ross Hunting, Buyer | HW & SW | | | X | |
| LaBranche & Son St. Isadore 658-3666 | SW & HW | X | X | X | X |
| LaLiberte, J. A. Dixville 849-4111 | HW | | | X | |
| Marcel Lauzon, Inc. East Hereford 844-2393 | SW | X | X | X | |
| L. G. Rustic Fence Standstead, Que. 876-2732 | Cedar | X | X | X | |
| Paul Vallee, Inc. Sawyerville 889-2777 | HW & SW | | | X | |
| Sherbrooke Wood Products Paul Blais, Buyer Sherbrooke 567-4662, Montreal 878-1306 | Ash Logs | | X | X | |
| Viateur Pepin Lumber, Inc. La Patrie | HW | | | X | |
| Canadian Pulpmills¹ | | | | | |
| Canadian International Paper Three Rivers, Que. | | | X | X | |
| Consolidated Bathurst Ltd. Three Rivers, Que. | | | X | X | |
| Domtar Ltd. Windsor, Que. | | | X | X | |
| Kruger Paper Co. Three Rivers and Bromptonville, Que. | | | X | X | |

¹All pulpwood for Canadian Mills is handled through brokers.

Portable Pulpwood Debarkers

Benjamin, Mariner

40 East Main St., Merrimac, Mass.

| Planing Mills | | |
|-------------------------------------|-------|-------------------------------|
| C—Custom | | W—Wholesale only |
| Chase, Benjamin Co. | C | Derry |
| Chick, John F. & Son | C & W | Silver Lake |
| Concord Lumber Co. | W | Commercial St., Concord |
| Contigiani Lumber Co. | C & W | Belmont |
| Conway Supply Co., Inc. | C | Conway |
| Cote & Reney Lbr. Co. | C & W | Grantham |
| Currier, P. L. Lumber Co. | C | RFD Milford |
| Dalphond Bros., Inc. [*] | C & W | RFD 1, Andover |
| Damon, Clayton | C | Fitzwilliam |
| Daniels, Thomas G. | C & W | Tilton |
| Davis & Symonds Lumber Co. | W | Claremont |
| Demers, Warren (Portable) | C | Plainfield |
| Dickinson Lumber Co. | W | Belmont |
| DePrizio, Chas. & Sons | W | Union |
| Green Lbr. Co. | C & W | 1253 Hooksett Rd., Manchester |
| Lorden Lumber Co. | W | Milford |
| Milan Industries, Inc. | W | Milan |
| Newman Lumber & Transit Milling Co. | W | Woodsville |
| Page Hill Farms | C | Pike |
| Perras Lbr. Co. | W | Groveton |
| Poulsen Lumber Co. | C & W | Littleton |
| Pennsylvania Box & Lumber Co. | C | Plaistow |
| Porter, George | W | Langdon |
| Rand Lumber Co. | C | 511 Wallis Road, Rye |
| Rowe Lumber Co. | W | Newport |
| Shell Repairing of Manchester, Inc. | | Auburn |
| Southworth, Thomas | C | Lancaster |
| Tibbetts Lumber Co., Inc. | W | Farmington |
| Trow, W. W. & Son | C & W | Sunapee |
| White Mt. Lumber Co., Inc. | C & W | E. Milan Road, Berlin |
| Woodward, William | C | Durham |

Kiln Drying (Custom)

| | |
|-----------------------------|-------------------------|
| Chick, John F. & Son | Silver Lake |
| Colonial Pine Bucket, Inc. | 310 Marlboro St., Keene |
| Davis & Symonds Lbr. Co. | Claremont |
| Pennsylvania Box & Lbr. Co. | Plaistow |

Wood Preservation—Treating Plants

| | |
|---|--------|
| Koppers Co., Inc. Forest Products Division | Nashua |
|---|--------|

Wood Chipping Plants in New Hampshire

1. Central chipping plant (Stationary)
- 1a. Facilities available for roundwood debarking and chipping
2. Chipping at sawmill (Stationary)
- 2a. Facilities available for roundwood debarking and chipping
3. Roundwood debarking and chipping plant (Mobile)
- (B) Indicates buyer of debarked slabs and edgings

| Company | Location | Type |
|--|--------------------|--------|
| Allen-Rogers Corp. Wentworth Division | Wentworth | 2 |
| Beaman Bros. | Winchester | 2 |
| Blanchflower Lbr. Corp. | Alstead | 2 |
| Brown, P. K., Inc. | Lebanon | 2 |
| C. B. Cummings & Sons, Co. | Groveton | 2 & 2a |
| Chocorus Valley Lumber Co. | Tamworth | 2 & 2a |
| Concord Lbr. Co. | Concord | 2 |
| Dalphond Bros., Inc. | RFD No. 1, Andover | 2 |
| Davis & Symonds Lbr. Co. | Claremont | 2 |
| Hawkensen Enterprises Wood Product Div. | Ashland | 3 |
| Ireland Lbr. Co. (B) | Plymouth | 2 |
| Keniston, Raymond | Rumney | 2 |
| Lorden Lumber Co. (B) | Milford | 2 |
| Marlborough Sawmill Co. | Marlborough | 2 |
| Milan Industries, Inc. | Milan | 2 |
| Miles Pond, Inc. | Whitefield | 2 |
| New England Lbr. Co., Inc. | West Ossipee | 2 |
| New Hampshire Pulp Co. (B) | Fremont | 1 |

Wood Chipping Plants in New Hampshire (Continued)

| Company | Location | Type |
|---|-----------------------|--------|
| Newman Lbr. Co. | Woodsville | 2 |
| Onella Lumber Co. | E. Lempster | 2 |
| Perras Lbr. Co. | Groveton | 2 |
| Riley Bros. | Milford | 2 |
| Roberts Lumber Co. | Canaan | 2 |
| Rockwell International Corp. Draper Division | Beebe River | 2 |
| Saunders Bros. | Dalton | 2 |
| Schoff Lumber Co. (B) | Littleton | 2 |
| Shell Repairing of Manchester, Inc. | Auburn | 2a |
| Tommila Bros. | Fitzwilliam | 2 |
| Washburn Lumber Co. | No. Stratford | 2 & 2a |
| Whitcher, Kenneth E., Inc. | Warren | 2 |
| White Mountain Lumber Co., Inc. | E. Milan Road, Berlin | 2 |
| White Mountain Woodcraft, Inc. | Berlin | 2 |
| Wilcox Lbr. Co., Inc. | RFD No. 2, Newport | 2 |
| Wood, H. G. Industries | Bath | 2 |

Partial List of Out-of-State Woodchipping Plants Buying Slabs in New Hampshire

| | |
|---|-----------------------|
| LaValley, Albert Sanford, Maine | Softwood |
| Chadbourne, P. H. & Co. Bethel, Maine | Softwood and hardwood |
| Tri-State Timberland Corp. Hartland, Vt. | Softwood and hardwood |

Chip Buyers

| |
|---|
| Brown Company Berlin, N.H. |
| Connecticut Valley Chipping Co., Inc. Robert Burns, Buyer Plymouth, N.H. |
| Groveton Paper Co. Subsidiary of Diamond International Corporation Groveton, N.H. Harold Mountain — Woodlands Manager Jim Andritz, Groveton Elwood Haynes, North Stratford Lewis, Ruch, Lancaster |

Pulpwood Buyers*

| Company and Individual Buyers | Kinds of Wood Purchased |
|--|---|
| Benjamin, Mariner 40 East Main St. Merrimac, Mass. | Hardwood |
| Brown Company, Berlin Hamlin, Mark, Berlin Hallee, Peter L. RFD Colebrook Bennett, Dan, Berlin Pike, William Jr. 466 Grafton St., Berlin Renoux, John, Gorham | Spruce, fir, hemlock, tamarack, pines, beech, birches, maples, oak, elm, ash, poplar |
| Chadbourn, P. H. and Co. Bethel, Me. | Softwood slabs for chipping |
| International Paper Co. Sawyer, Rhoades, N. Stratford Thomas Dodd, N. Stratford Wood, Robert, Woodstock, Vt. | Spruce, fir (inquire direct) wood |
| New Hampshire Pulp Co. Tom McGall, Raymond RFD Fremont, N.H. | Softwood and hardwood |
| Oxford Paper Co., Rumford, Me. Hartranft, John L., Mgr. Wood Dept., Rumford, Me. Robert Pidacks Wood Procurement, Rumford, Me. | Spruce, fir, hemlock, and northern hardwood chips. Buying pulp for Rumford mill. Chips in Merrimack County |
| Prevost, David Box 183, Gilsum, N.H. | Softwood and hardwood |
| St. Regis Paper Corp. West Stewartstown William Clifford | Spruce and fir |
| Shell Repairing of Manchester, Inc. P.O. Box 853 Manchester, N.H. | Softwood and hardwood — Log length |
| Thelvicki Corp. Johnson, Thomas, President Henniker | Hardwood |
| Warren, S. D., Co., Westbrook, Me. Orach, Steve | Spruce, white pine and hardwood |

*4 ft. wood unless otherwise indicated.

Excelsior, Pole, Piling, Posts and Railroad Tie Buyers

| Company and Individual Buyers | Kinds of Wood Purchased |
|--|---------------------------------------|
| — Excelsior Buyers* — | |
| Smith River Co. Wolfeboro Falls Bruce Barnard, Buyer | Peeled poplar and basswood |
| — Poles, Piling, and Post Buyers — | |
| Hill, Wallace F. Sanbornville, Tel. 522-2308 | |
| Koppers Co., Inc. Forest Products Div., Nashua | Norway (Red) pine posts |
| Morrill, Brewster Oak St., N. Conway | Norway (Red) pine poles and piling |
| Miner, Theodore Roxbury Rd., Marlboro | Norway (Red) pine |
| — Railroad Tie Buyers — | |
| Koppers Co., Inc. Forest Products Division Nashua | Oak, birch, beech, maple, cherry, ash |

*Excelsior companies prefer peeled wood. The sticks must be 4 inches long and 4 inches minimum diameter at the small end.

Specialty Product Buyers—Birch Bolts and Other Hardwood Products

| Town and Operator | Species and Specifications | Town and Operator | Species and Specifications |
|---|----------------------------|--|----------------------------|
| Allen-Rogers Corp., Laconia, N.H., Andover Division, E. Andover, N.H.—buying white birch, hard maple and yellow birch bolts and logs. For prices and specifications contact mill manager, Herman Schumaker, East Andover, N.H., or David McKay, Allen-Rogers Corp., Laconia. | | Smead Basket Shop, West Swanzey, N.H.—white ash logs. | |
| Allen-Rogers Corp., Laconia, N.H., Wentworth Division, Wentworth, N.H.—buying white birch, hard maple, and limited quantities of beech and yellow birch. Logs only. For prices and specifications contact mill manager, Bruce Bumford, Wentworth, or David McKay at Laconia. | | Thelvicki Corp., Thomas Johnson, Mgr., Henniker, N.H.—mixed hardwood bolts, log and pallet stock. | |
| Barlow, Leo, Box 67, Milford, N.H.—hardwood and softwood. | | True Temper Corp., St. Johnsbury, Vt.—white ash logs and bolts, specifications on request. | |
| Bartlett, Edmund, Salisbury, Mass.—oak boat keel stock. | | Whitman Division, USM Corporation, Plymouth—white birch, length 10' to 24' min. top diam. 8". No more than 2 small knots per 4' section. Sound, no cracks or crooks. | |
| Bradford Veneer & Panel Co., Bradford, Vt.—B. E. Farr, Buyer—yellow birch and other veneer logs. Write for specifications. | | Vermont Log Bldgs., Inc., Hartland, Vt.—white pine 8"-11" diam., 8'-16' lengths. | |
| Clark, Ash Mill, U. L. Morse, Buyer, Brattleboro—white ash 11" and 16½", minimum diameter 9". | | West River Basket Corp., Putney, Vt.—ash, oak and pine logs 8', 10', 12', 14' custom sawing. | |
| Concord Woodworking Co., Inc., Lyndonville, Vt.—white cedar posts, poles and logs. Write for specifications. | | White Mountain Lumber Co., Inc., Barry Kelley, Buyer, Berlin—No. 3 common hardwood lumber for pallets and skids. | |
| Cummings, C. B. & Sons, Conway and Groveton—white and yellow birch, bolts. Roadside and delivered. Donald Holden, Buyer, Norway, Maine. | | White Mountain Woodcraft, Division of Nichols & Stone, Berlin—sugar maple and yellow birch logs and bolts. Also some red maple, ash, white birch, spruce and fir. | |
| Rockwell International Corporation. Beebe River—sugar maple, hemlock, pine, spruce and fir logs. Yellow birch, white ash, beech, red maple. | | Wright Crafts, Robert Wright, Chesterfield, N.H.—white pine and red pine 6-12" diameter, 8 to 20' in length. | |
| Frye, E. B. & Son, Wilton—birch, beech, and pine logs 12" min. diameter veneer quality preferable. | | | |
| Kearsarge Peg Co., Bartlett—straight grained white and yellow birch in 4' lengths, 6" top diam., red heart not over 1/3 diam. of stick. Comparatively free from knots and burls. | | | |
| Labree, Clifton, Wilson Hill Rd., New Boston, N.H.—50" hardwood bolts, all species, 6" to 20" diam. | | | |
| LeBlanc, Gerard, 150 River St., Franklin—softwood bolts. Contact for specifications. (Mail RFD No. 1 Hill). | | | |
| L & L Lumber Co., Orford—black cherry, butternut, applewood, 8" and up. | | | |
| Mooney, G. F. & Son, Farmington, N.H.—write for specifications. | | | |
| Morse, V. L., Brattleboro, Vt.—white ash logs. | | | |
| New England Wood Products, Box 93, Plainfield, N.H.—white ash, hickory, cherry logs. 8"-20" diameter; 6', 12' and 16' lengths. | | | |
| Northeast Hardwoods, Inc., N. Haverhill—buys white birch, beech and 2nd growth red maple in log and bolt form. Write for specifications. | | | |
| Portland Dowel Co., Center Ossipee, Terry Fitzgerald, Mgr.—hardwood stumpage, birch, beech, maple within 25 miles radius of mill and boltwood delivered to mill. | | | |
| Saunders Bros., Westbrook, Me. and Woodlands Division, Fryeburg, Me.—Concentration Yards at S. Tamworth, N.H., Dalton, N.H., Warren, N.H. and Fryeburg, Me. Contact Mr. Elton Perkins, Box 34, S. Tamworth, N.H., or Burm Garland and Paul Lusky, Fryeburg, Me.—birch logs 39", 48", 59", lengths; min. 3" white wood around red heart, also beech, maple, ash and oak. | | | |

— Shingle Mills —

George Corliss, Jr., Route 1, Northfield, N.H.—pine shingles.

Keith Joselyn, N. Rd.—Jefferson

Avery's Water Powered Mill—Donald Jones, Rte. 126, Strafford, N.H.—Pine and cedar shingles.

— Underwater Log Salvage —

Wayne Wheeler, Box 44, Plainfield, N.H.

Christmas Tree Situation

With the country in an economic slump to say the least, many Christmas Tree producers had doubts about going into the 1974 Christmas season. Those doubts soon disappeared and for the most part, New Hampshire Christmas Tree growers experienced a very good year. Weather conditions during cutting time in the northern part of the State, where 2/3 of the total N.H. harvest comes from, weren't as ideal as 1973 and as a result it appears the total harvest was somewhat lower this year.

As more and more high quality sheared trees find their way to the consumer, demand for them continues to increase. The efforts of the growers through fertilization, weed control, shearing and pruning during the 8 to 12 years it takes to produce a tree from a seedling, are paying off.

Demand for the unimproved, pasture run tree continues to dwindle with most of trees sold being improved and sheared.

Balsam fir remains the number one seller, although sheared spruce and pine are quite popular also.

The "choose and cut" method of marketing trees, which is more prevalent in the southern part of the State, remains a success and continues to provide a true family experience for those who enjoy selecting their tree while it's still on the stump.

Some prices for trees, brush and wreaths took a slight rise in '74 and are expected to increase slightly again for the 1975 season to help growers meet their rising costs of producing quality products.

Apparently some retailers ran short of trees as was the case in 1972 when demand exceeded supply. Placing orders well in advance of the Yule season is the only way to ensure quality and quantity for the retail market.

The N.H.-Vt. Christmas Vendor, a periodically revised list of Christmas producers and their products continue to be a tremendous marketing aid for the \$2 million industry in the State. The Vendor is a joint marketing effort between the N.H.-Vt. Christmas Tree Association and the N.H. Vt. Cooperative Extension Services.

The outlook for the 1975 season is good as increased numbers of high quality trees continue to attain marketable size.

Christmas Tree Dealers and Producers

A complete listing of Christmas Tree Producers and Dealers can be obtained from Roger P. Sloan, Extension Forester, Room 110A, Pettie Hall, University of New Hampshire, Durham, N.H. 03824.

Christmas Tree Truckers (Partial List)

Covell, Walter, Colebrook
Currier Trucking, Gorham
Dostie, Andre, Colebrook
MacLean, Joseph, Colebrook
Marchand, Neil, Stewartstown
Marquis, Gilles, W. Stewartstown
Marquis, Ronald, Hall Stream (P.O. Beecher Falls, Vt.)
Rancloes, Frank W., Stewartstown
Brooks, Darwin, Colebrook
Blanchard, Gilles, West Stewartstown
Poulin, Claude, West Stewartstown
Prehemo, Raymond, Pittsburg
Rougeau, Rosaire, Pittsburg
Spaulding, David, West Stewartstown

Maple Sap Buyers and Central Evaporation Plants in New Hampshire

Grafton County

George F. & David W. Clement
Jockey Hill Farm
Route 2, Lisbon 03585

Hicks Farm
George & Wilma Hicks & Sons
RFD 2, Littleton

Howard and Bruce Townsend
Lebanon 03766

Sherburne B. Dame
Winter Street
Ashland 03217

James H. Fadden & Son
Bell Street
North Woodstock 03262

Sullivan County

Kenneth E. Bascom
RFD 1
Alstead 03602

Gordon H. Gowan
Tamarack Farm
Acworth
Post Office Alstead 03602

George B. Porter
Langdon
Post Office Alstead 03602

Putnam Brothers
RFD 1
Charlestown 03603

Fred and Shirley Sullivan
Cornish Flat 03746

Richard Webb
Harding Hill Farm
Mount Sunapee 03772

Carroll County

Partridge Rock Farm
Ray Conley
Center Sandwich 03227

Tom Hunter
Melvin Village
Post Office Center Harbor 03226

Cheshire County

Niles Aldrich
Summit Road Sugar House
Route 12
Westmoreland 03467

Charles Bacon
Upper Dublin Rd.
Jaffrey

Merrimack County

Lauris Moore
Loudon 03301

Cecil Pearle
Loudon 03301

Rockingham County

Kenneth W. Gowen
Durham Post Office
RFD 1, Newmarket

New Hampshire Maple Syrup Producers

A complete listing of Maple Syrup Producers can be obtained from Roger P. Sloan, Extension Forester, Room 110A, Pettie Hall, University of New Hampshire, Durham, N.H. 03824.

Partial List of Consulting Foresters Practicing in New Hampshire

The services rendered by the Consulting Foresters are indicated by the numbers following their name. The service rendered is keyed to the numbers as follows:

- | | |
|--|--|
| 1. Forest Management plan | 9. Forest land survey |
| 2. Timber and timber land appraisal | 10. Title and boundary search |
| 3. Income tax assistance (timber depletion) | 11. Recreational development |
| 4. Timber sales and supervision | 12. Laying out and supervision of woods road construction |
| 5. Timber marking | 13. Owners or operators representative in trespass cases |
| 6. Timber stand improvement work (weeding, thinning, pruning) | 14. Licensed real estate brokers |
| 7. Tree planting | 15. Registered Forester |
| 8. Approved vendor of R.E.C.P. and F.I.P. Forestry practices | 16. Registered commercial applicators for pesticides |

Attridge, Milton, Antrim—1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 16.

Baldwin, Henry I, Center Rd., Hillsboro—1, 5, 7, 9, 10, 15.

Baker, David, Box 27, Newton—1, 2, 4, 5, 6, 8, 12, 16.

Bean, William, c/o Williams Est., Windy Row, Peterborough—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Boomer, Stephen J., White Mountain Highway, Center Ossipee—2, 9, 10.

Boulanger, Richard, 47 Maple Street, Littleton—1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 16.

Bowie, Chuck, Concord—1, 2, 4, 5, 6, 9, 10, 11, 12.

Breckenridge, Walter F., Spruce Street, Newport—2, 9, 10, 13.

Brown, J. Wilcox, RFD 2, Concord—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14.

Bush, G. Barry, Box 393, Georges Mills—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Calhoun, John C., Jr., Gilsum—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 16.

Chase, Earl, Box 9, RFD 2, Rte. 9, Dover—1, 2, 3, 4, 5, 6, 7, 8, 10.

Coville, Stanley, Tamworth—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15.

Curran, Martin, 315 Second Street, Somersworth—1, 2, 3, 4, 5, 6, 7, 8, 10, 13.

Dickenson, Howard, Eaton Center—1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12.

Dundee Management Corp., P.O. Box 101, Jackson—1, 2, 4, 5, 6, 7, 8, 9, 10, 12.

Durnell, Fred E. Haverhill—1, 2, 4, 5, 9, 10, 11, 12, 13.

Dwyer, Walter W., Jr., Briar Hill Road, Hopkinton Village—4, 9, 14.

Dyer, Donald, S. Main St., Colebrook—2, 4, 5, 6, 9, 10, 15.

Feuer, Martin M., Main Street, Atkinson—2, 5, 12, 13.

French, John R., 8 Garland Street, Plymouth—1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 15.

Hambrook, Francis G., RFD, Center Harbor—1, 2, 4, 5, 6, 8, 9, 10, 12, 13.

Hill, Tim, Bear Mtn. Rd., Ashuelot—1, 2, 4, 5, 6, 7, 8, 12, 15, 16.

House William P. RFD Marlboro—1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16.

Hubbard, Ronald, RFD 1, Durham—1, 4, 5, 6, 7, 8, 12.

Grella, Douglas, RFD 1, Whitefield—1, 2, 3, 4, 5, 6, 9, 10, 12, 13, 15.

Jacobson, Arthur, Bartlett, N.H.—1, 2, 4, 5, 6, 7, 11.

Johnston, Richard B., RFD, Center Harbor (Sandwich)—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16.

Knickerbocker, Gerald C., Lake Spofford Realty, Spofford Lake, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.

LaBree, Clifton, New Boston, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14.

Lane, William, Crown Point Road, Rochester—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15.

Macomber, Elwin E., RFD 2, Plymouth—1, 2, 4, 5, 9, 10, 11, 12, 13.

Magoon, John, 119 Gates St., Portsmouth—1, 2, 4, 5, 6, 7, 8, 10, 11, 12.

Marshall, Raymond H., Mann's Hill Road, Littleton—2, 4, 5, 6, 7, 8, 9, 10, 13, 15.

Morse, John H., P.O. Box 65, Wilmot, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16.

Neil, James H. Co., Inc., P.O. Box 224, Claremont—1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15.

Neff, Tom, R2, Box 1380, Dover, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15.

New England Forestry Foundation, Inc., 1 Court St., Boston, Mass.

Noyes, David R., RFD, Gossville, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.

Paul Brown Associates, Raymond, N.H.—1, 2, 4, 5, 9, 10, 11, 12, 13, 14.

Phoenix Hill Associates, P.O. Box 52, Bethlehem, N.H.—1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 15.

Phoenix Inc., c/o David Patrick, RFD, Colebrook—1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15.

Plumb, Allan W., Box 12, Marlow, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.

Poppema, Donald, RFD 1, Center Barnstead, N.H.—1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13.

Rastallis, Stanley, J., RFD 1, Newport, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.

Richer, Clifford, 122 Cheney St., Newport, N.H.—1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15.

Stevens Forestry Corp., RFD 2, Main St. Ext., Claremont, N.H.—1, 2, 4, 5, 6, 9, 11, 12, 15.

Stevens, Harry D., 31 Myrtle St., Claremont, N.H.—1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15.

Sutherland, Colin, 23 Prospect St., Lancaster, N.H.—1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 15.

Thorne, Thaddeus, Center Conway, N.H.—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15.

Waldo Land Management Service, Henry C. Waldo, Lincoln, N.H.—1, 2, 4, 9, 10, 11, 13, 14, 15.

White, Richie, (James H. Neil Co.), RFD 2, Concord, N.H.—1, 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15.

Woodland Services, Milan Miller, Box 112, Piermont St., Woodsville, N.H.—1, 2, 4, 5, 6, 7, 8, 11, 12.

Woodward, Howard, 234 Main Street, Berlin, N.H.—1, 2, 3, 4, 9, 10, 12, 13, 14, 15.

Woodward, Karl, Rte. 2, Box 138A1, Dover—1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Woodward, Steve, 234 Main Street, Berlin, N.H.—1, 2, 4, 5, 9, 10, 12.

York, Arthur M., Berlin, N.H.—1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 15.

Partial List of Industrial and Municipal Foresters Employed in New Hampshire

Allen Rogers Corp., Laconia
David McKay
Joe DiLorenzo

Andorra Forest, Stoddard
William Dussault

| | |
|-----------------------|--------------|
| Brown Company, Berlin | J. Dinardo |
| K. S. Scott | P. Hallee |
| M. E. Hamlin | J. F. Renoux |
| J. D. Bates | L. Parsons |
| K. S. Norcott | M. Grigel |

Controlled Forest Management, Newport
Donald E. Clifford

Davis & Symonds Lbr. Co.
Tom McGary
Paul Barbour
Joe Tardiff

Rockwell International Corp.
Wayne Lewison, Woodlands Mgr.
Bill Parmelee, Logging Mgr.
Robert Robinson, Lumber mgr.

Groveton Paper Company, Subsidiary of
Diamond International Corp., Groveton
Harold S. Mountain
Jim Andritz

Henniker Hardwood Pallet Co.

International Paper Co., North Stratford
Rhoades F. Sawyer
Thomas Dodd

Manchester Water Works, Manchester
Eathan Howard

Newman Lumber Company, Woodsville
Bruce Bauvais

| | |
|--|---------------|
| St. Regis Paper Company, West Stewartstown | |
| George D. Gates | Philip Nowell |
| Allen Peterson | Peter Ludwig |
| Clifford Williamson | Fred Bigney |

| | | |
|-----------------------------|---------------|-----------|
| Wagner Woodland & Co., Lyme | | |
| Robert Berti | Carl Szych | Ken Super |
| Richard Dearborn | John O'Brien | |
| Richard J. Nolet | Ralph Charles | |

Saunders Bros., Westbrook, Me.
Buhrman Garland

Kenneth Clark Corp.
John Macielowski

Partial List of Timber Stand Improvement Contractors

These men offer the following forestry services:
weeding, thinning, pruning, tree planting.

Bartlett, John, RFD 5, Laconia, N.H.

Bennett, Harry J., RFD 3, Winchester, N.H.

Carlson, Walter Jr., Timberland Improvement Co.,
Wolfeboro, N.H.

Dallaire's Landscaping, RD 3, Box 345, Rochester, N.H.

Day, Louis C., High St., West Stewartstown, N.H.

Dundee Management Corp., Box 101, Jackson, N.H.

Garneau, Leo, Box 148, Lowell, Mass.

Keating, Kenneth, Keene, N.H.

McKinney Landscaping Service, Box 13, Union, N.H.

Prevost, David, Box 183, Gilsum, N.H.

Robinson, Clarence, RFD 1, Tilton

Russell, Lee, Farmington, N.H.

Sullivan, Edward, Atheton Hill Rd., Spoffield, N.H.

Young, Wayne, 8 Young Ct., Swanzey, N.H.

Tatham, Donald, Orford, N.H.

Timberland Improvement Co.,
Carlson, Walter, Jr., Mgr., Wolfeboro

Wagner Woodlands & Co., Lyme, N.H.

Quinn, George N., 33 Central, Farmington, N.H.

F. A. Bartlett Tree Expert Co., 2700
Sumner St., Stamford, Conn.
William Clark, Jr., Robert Zigler, Jr., Elm St., Milford, N.H.

Woodward, Roy, RFD, Bristol, N.H.

Warren, Walter, RFD, Deerfield, N.H.

White, Larry, Marlboro, N.H.

CONVERSION FACTORS AND UNITS OF MEASUREMENT FOR FOREST PRODUCTS

A knowledge of the common units of measure for the various forest products is of importance to persons involved in the marketing process. These units of measure form a basis for common understanding between buyer and seller. Familiarity with these units can mean a greater financial return and a reduction of the chances of misunderstanding of the terms of forest products sale agreements.

The Blodgett rule is the official standard in New Hampshire. Several other rules are also in use by mutual agreement between buyer and seller. However, the International Rule, $\frac{1}{4}$ " kerf, is most commonly accepted.

The volume of a standing tree or log is determined using tree and log rules. These rules simply give the approximate number of board feet of sawed lumber that may be manufactured after allowing for milling losses in slabs, edgings and sawdust.

Tree Scale (Tree Volume Measurement)

To determine the board foot content of standing trees, tally the trees by:

- 1) D.B.H. (Diameter Breast Height=measurement of diameter of tree $4\frac{1}{2}$ ft. above ground)
- 2) Estimate the number of 16 foot logs to 6 inch top diameter
- 3) Apply the scale given in Table below

Tree Scale — International Rule

| D.B.H. Inches | Number of 16 foot logs — to 6" top | | | | | | |
|------------------|------------------------------------|-----|-----|-----|------|------|------|
| | 1 | 1½ | 2 | 2½ | 3 | 3½ | 4 |
| 6 | 10 | 15 | | | | | |
| 8 | 20 | 35 | 50 | | | | |
| 10 | 40 | 55 | 70 | 85 | 95 | | |
| 12 | 60 | 75 | 95 | 110 | 125 | 145 | 165 |
| 14 | 85 | 110 | 135 | 150 | 165 | 190 | 215 |
| 16 | 110 | 150 | 190 | 215 | 240 | 260 | 285 |
| 18 | 140 | 195 | 245 | 285 | 320 | 345 | 370 |
| 20 | 180 | 245 | 310 | 355 | 400 | 435 | 465 |
| 22 | 220 | 300 | 380 | 445 | 505 | 545 | 585 |
| 24 | 270 | 365 | 460 | 540 | 615 | 670 | 730 |
| 26 | 320 | 435 | 550 | 645 | 735 | 805 | 875 |
| 28 | 370 | 515 | 655 | 760 | 870 | 950 | 1035 |
| 30 | 430 | 595 | 760 | 885 | 1010 | 1110 | 1205 |

Log Rule

To determine the board foot content of sawlogs, tally the logs by:

- 1) Average Diameters at the small end and inside the bark and by lengths
- 2) Apply volumes from the table given in Table below and total

The International Log Rule

$\frac{1}{4}$ -inch Saw Kerf

| Diameter (Small end inside bark) Inches | Length of Log in Feet | | | | | | |
|--|-----------------------|-----|-----|-----|-----|-----|-----|
| | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 4 | | 5 | 5 | 5 | 5 | 5 | 10 |
| 5 | 5 | 5 | 10 | 10 | 10 | 15 | 15 |
| 6 | 10 | 10 | 15 | 15 | 20 | 25 | 25 |
| 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| 8 | 15 | 20 | 25 | 35 | 40 | 45 | 50 |
| 9 | 20 | 30 | 35 | 45 | 50 | 60 | 70 |
| 10 | 30 | 35 | 45 | 55 | 65 | 75 | 85 |
| 11 | 35 | 45 | 55 | 70 | 80 | 95 | 105 |
| 12 | 45 | 55 | 70 | 85 | 95 | 110 | 125 |
| 13 | 55 | 70 | 85 | 100 | 115 | 135 | 150 |
| 14 | 65 | 80 | 100 | 115 | 135 | 155 | 175 |
| 15 | 75 | 95 | 115 | 135 | 160 | 180 | 205 |
| 16 | 85 | 110 | 130 | 155 | 180 | 205 | 235 |
| 17 | 95 | 125 | 150 | 180 | 205 | 235 | 265 |
| 18 | 110 | 140 | 170 | 200 | 230 | 265 | 300 |
| 19 | 125 | 155 | 190 | 225 | 260 | 300 | 335 |
| 20 | 135 | 175 | 210 | 250 | 290 | 330 | 370 |
| 21 | 155 | 195 | 235 | 285 | 320 | 365 | 410 |
| 22 | 170 | 215 | 260 | 305 | 355 | 405 | 455 |
| 23 | 185 | 235 | 285 | 335 | 390 | 445 | 495 |
| 24 | 205 | 255 | 310 | 370 | 425 | 485 | 545 |
| 25 | 220 | 280 | 340 | 400 | 460 | 525 | 590 |
| 26 | 240 | 305 | 370 | 435 | 500 | 570 | 640 |
| 27 | 260 | 330 | 400 | 470 | 540 | 615 | 690 |
| 28 | 280 | 355 | 430 | 510 | 585 | 665 | 745 |
| 29 | 305 | 385 | 465 | 545 | 630 | 715 | 800 |
| 30 | 325 | 410 | 495 | 585 | 675 | 765 | 860 |

Pulpwood

Pulpwood is generally sold by the cord or on the weight basis.

The Cord: A standard cord is generally accepted as equivalent to a pile of closely stacked wood 4 feet high, 4 feet deep and 8 feet long containing a gross volume of 128 cu. ft.

Solid Wood Content of a Cord

The solid wood content of a cord of pulpwood is dependent on many factors such as:

- 1) The average diameter of the bolts
- 2) Tightness of piling
- 3) Limbing practice and knottiness
- 4) Taper and straightness of individual bolts
- 5) Amount of bark rubbed off prior to scaling
- 6) Period of time between piling and scaling (shrinkage and compaction during transportation)

The volume given in the Table below are *averages* and are commonly used as conversion factors.

Solid Wood Content of a Standard Cord

| | |
|-------------------------------------|---|
| 1 Standard cord (4'x4'x8') | = 128 cubic feet of wood, bark and air spaces |
| 1 Standard cord of pulpwood, rough | = 85 cubic feet of solid wood (softwood) |
| 1 Standard cord of pulpwood, peeled | = 95 cubic feet of solid wood (softwood) |
| 1 Standard cord of pulpwood, rough | = 85 cubic feet of solid wood (hardwood) |
| 1 Standard cord of pulpwood, peeled | = 95 cubic feet of solid wood (hardwood) |
| 1 Standard cord of boltwood | = 500 board feet |

When green rough pulpwood is purchased by weight, the following weight-volume equivalents are generally accepted:

5600 – 5700 pounds = 1 cord (hardwood)

4600 – 4700 pounds = 1 cord (softwood)

Cordwood

Wood fuel is generally sold by the standard cord or by the "short cord" also called "face cord" which is a pile of wood 8 feet long, 4 feet high and the length of the stick is less than 4 feet and is generally 12, 16, or 24 inches for stove and fireplace use.

Lumber (Square Edge)

The standard unit of measure for lumber is the board foot. It is equivalent to 1/12 of a cubic foot such as a board 12 inches by 12 inches and 1 inch thick.

Board foot measurements refer to rough lumber. Surfaced lumber is tallied on the basis of width and thickness before surfacing.

To calculate the board footage of lumber, for each piece multiply the width in inches by the thickness by the length in feet and divide by 12.

Example:

$$\frac{6'' \text{ wide} \times 2'' \text{ thick} \times 16' \text{ long}}{12} = 16 \text{ board feet}$$

Board Foot Measure Contained in Lumber

| Thickness and Width Inches | Board foot content Board length in feet | | | | | |
|-------------------------------|--|--------|--------|-------|--------|--------|
| | 6 | 8 | 10 | 12 | 14 | 16 |
| 1 x 2 | 1 | 1-1/3 | 1-2/3 | 2 | 2-1/3 | 2-2/3 |
| 1 x 3 | 1-1/2 | 2 | 2-1/2 | 3 | 3-1/2 | 4 |
| 1 x 4 | 2 | 2-2/3 | 3-1/2 | 4 | 4-2/3 | 5-1/3 |
| 1 x 5 | 2-1/2 | 3-1/3 | 4-1/6 | 5 | 5-5/6 | 5-2/3 |
| 1 x 6 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 x 7 | 3-1/2 | 4-2/3 | 5-5/6 | 7 | 8-1/6 | 9-1/3 |
| 1 x 8 | 4 | 5-1/3 | 6-2/3 | 8 | 9-1/3 | 10-2/3 |
| 1 x 10 | 5 | 6-2/3 | 8-1/3 | 10 | 11-2/3 | 13-1/3 |
| 1 x 12 | 6 | 8 | 10 | 12 | 14 | 16 |
| 1 1/4 x 4 | 2-1/2 | 3-1/3 | 4-1/6 | 5 | 5-5/6 | 6-2/3 |
| 1 1/4 x 6 | 3-3/4 | 5 | 6-1/4 | 7-1/2 | 8-3/4 | 10 |
| 1 1/4 x 8 | 5 | 6-2/3 | 8-1/3 | 10 | 11-2/3 | 13-1/3 |
| 1 1/2 x 4 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 1/2 x 6 | 4-1/2 | 6 | 7-1/2 | 9 | 10-1/2 | 12 |
| 1 1/2 x 8 | 6 | 8 | 10 | 12 | 14 | 16 |
| 2 x 4 | 4 | 5-1/3 | 6-2/3 | 8 | 9-1/3 | 10-2/3 |
| 2 x 6 | 6 | 8 | 10 | 12 | 14 | 16 |
| 2 x 8 | 8 | 10-2/3 | 11-1/3 | 16 | 18-2/3 | 21-1/3 |
| 2 x 10 | 10 | 13-1/3 | 16-2/3 | 20 | 23-1/3 | 26-2/3 |
| 2 x 12 | 12 | 16 | 20 | 24 | 28 | 32 |
| 2 1/2 x 12 | 15 | 20 | 25 | 30 | 35 | 40 |
| 3 x 6 | 9 | 12 | 15 | 18 | 21 | 24 |
| 3 x 8 | 12 | 16 | 20 | 24 | 28 | 32 |
| 3 x 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| 3 x 12 | 18 | 24 | 30 | 36 | 42 | 48 |
| 4 x 4 | 8 | 10-2/3 | 13-1/3 | 16 | 18-2/3 | 21-1/2 |
| 6 x 6 | 18 | 24 | 30 | 36 | 42 | 48 |

LUMBER SIZE TABLE

Nominal and Minimum-dressed Sizes of Boards, Dimensions and Timbers
(All Figures In Inches)

| ITEM | THICKNESS | | | FACE WIDTHS | | |
|-----------|----------------|-----------------|--------------|-------------|-----------------|--------|
| | Nominal | Minimum Dressed | | Nominal | Minimum Dressed | |
| | | Dry | Green | | Dry | Green |
| Boards* | 1 | 3/4 | 25/32 | 2 | 1-1/2 | 1-9/16 |
| | | | | 3 | 2-1/2 | 1-9/16 |
| | | | | 4 | 3-1/2 | 3-9/16 |
| | | | | 5 | 4-1/2 | 4-5/8 |
| | | | | 6 | 5-1/2 | 5-5/8 |
| | | | | 7 | 6-1/2 | 6-5/8 |
| | | | | 8 | 7-1/4 | 7-1/2 |
| | | | | 9 | 8-1/4 | 8-1/2 |
| | | | | 10 | 9-1/4 | 9-1/2 |
| | | | | 11 | 10-1/4 | 10-1/2 |
| | | | | 12 | 11-1/4 | 11-1/2 |
| | | | | 14 | 12-1/4 | 13-1/2 |
| | | | | 16 | 15-1/4 | 15-1/2 |
| | | | | 2 | 1-1/2 | 1-9/16 |
| | | | | 3 | 2-1/2 | 2-9/16 |
| | | | | 4 | 3-1/2 | 3-9/16 |
| Dimension | 2 | 1-1/2 | 1-9/16 | 5 | 4-1/2 | 4-5/8 |
| | 2-1/2 | 2 | 2-1/16 | 6 | 5-1/2 | 5-5/8 |
| | 3 | 2-1/2 | 2-9/16 | 8 | 7-1/4 | 7-1/2 |
| | 3-1/2 | 3 | 3-1/16 | 10 | 9-1/4 | 9-1/2 |
| | | | | 12 | 11-1/4 | 11-1/2 |
| | | | | 14 | 13-1/4 | 13-1/2 |
| | | | | 16 | 15-1/4 | 15-1/2 |
| | | | | | | |
| Dimension | 4 | 3-1/2 | 3-9/16 | 2 | 1-1/2 | 1-9/16 |
| | | | | 3 | 2-1/2 | 2-9/16 |
| | | | | 4 | 3-1/2 | 3-9/16 |
| | | | | 5 | 4-1/2 | 4-5/8 |
| | | | | 6 | 5-1/2 | 5-5/8 |
| | | | | 8 | 7-1/4 | 7-1/2 |
| | | | | 10 | 9-1/4 | 9-1/2 |
| | | | | 12 | 11-1/4 | 11-1/2 |
| | | | | 14 | 13-1/4 | 13-1/2 |
| | | | | 16 | 15-1/4 | 15-1/2 |
| | | | | | | |
| | | | | | | |
| Timbers | 5 & Thicker | 1/2 Off | 5 & Wider | 1/2 Off | | |
| | | | | | | |

*Boards less than the minimum thickness for 1 inch nominal but 5/8 inch or greater thickness dry (11/16 inch green) may be regarded as American Standard Lumber, but such boards shall be marked to show the size and condition of seasoning at the time of dressing. They shall also be distinguished from 1-inch boards on invoices and certificates.

Dry Sizes apply to lumber which has been seasoned or dried to a moisture content of 19 percent or less.

Green Sizes apply to lumber having a moisture content in excess of 19 percent.

Railroad Tie Volume Table

| Grade | Dimensions | Bd. ft. volume per tie | No. of Pcs. per MBF |
|-------|------------|---------------------------|---------------------|
| 1 | 6"x7"x8'6" | 29.7 | 33.7 |
| 2 | 6"x7"x8'6" | 29.7 | 33.7 |
| 3 | 6"x8"x8'6" | 34.0 | 29.4 |
| 4 | 7"x8"x8'6" | 39.6 | 25.2 |
| 5 | 7"x8"x8'6" | 44.6 | 22.4 |

METRIC EQUIVALENTS
(Based on National Bureau of Standards)

| Length | | | |
|-------------------|---|-----------|-------------------|
| Mm. | = 0.0393 in. | In. | = 25.4 mm. |
| Cm. | = 0.3937 in. | In. | = 2.5400 cm. |
| Meter | = 39.37 in. | Ft. | = 304.8 mm. |
| Meter | = 3.2808 ft. | Ft. | = 30.48 cm. |
| Meter | = 1.0936 yd. | Ft. | = 0.3048 m. |
| Km. | = 3,280.8 ft. | Yd. | = 0.3048 |
| Km. | = 0.6214 mile | Yd. | = 0.9144 cm. |
| | | Mile | = 1.609.34 m. |
| | | Mile | = 1.6093 km. |
| Area | | | |
| Sq. cm. | = 0.1550 sq. in. | Sq. in. | = 6.4516 sq. cm. |
| Sq. m. | = 10.7639 sq. ft. | Sq. ft. | = 929.03 sq. cm. |
| Sq. m. | = 1.1960 sq. yd. | Sq. ft. | = 0.0929 sq. m. |
| Hectare | = 2.4710 acres | Sq. yd. | = 0.8361 sq. m. |
| Sq. km. | = 247.105 acres | Acre | = 0.046.87 sq. m. |
| Sq. km. | = 0.3861 sq. mile | Acre | = 0.404 hectare |
| | | sq. mile | = 2.5900 sq. km. |
| Volume | | | |
| Cu. M. | = 2.8877 bd. ft. | Bd. ft. | = 0.0025 cu. m. |
| Cu. cm. | = 0.0610 cu. in. | Cu. in. | = 16.3872 cu. cm. |
| Cu. m. | = 35.3145 cu. ft. | Cu. ft. | = 0.0283 cu. m. |
| Cu. m. | = 1.3079 cu. yd. | Cu. yd. | = 0.7646 cu. m. |
| Capacity | | | |
| Liter | = 0.0353 cu. ft. | Cu. ft. | = 28.3162 liters |
| Liter | = 0.2642 gal (U.S.) | Gal. | = 3.7853 liters |
| Liter | = 61.0250 cu. in. | Cu. in. | = 0.0164 liter |
| Liter | = 2.2046 lb. of pure water at 4 deg. C. | | |
| Weight | | | |
| Gram | = 15.4324 gr. | Grain | = 0.0648 g. |
| Gram | = 0.0353 oz. | Oz. | = 28.3495 g. |
| Kg. | = 2.2046 lb. | Lb. | = 0.4536 kg. |
| Kg. | = 0.0011 ton | Ton (sht) | = 907.1848 kg. |
| | (sht) | Ton (sht) | = 0.9072 ton |
| Ton (met.) | = 1.1023 ton | | (met.) |
| | (sht) | Ton (lg) | = 1.0160 ton |
| Ton (met.) | = 0.9842 ton | | (met.) |
| | (lg) | | |
| Pressure | | | |
| 1 kg. per sq. cm. | = 14.223 lbs. per sq. in. | | |
| 1 lb. per sq. in. | = 0.0703 kg. per sq. cm. | | |
| 1 kg. per sq. in. | = 0.2048 lb. per sq. ft. | | |
| 1 lb. per sq. ft. | = 4.8824 kg. per sq. m. | | |
| 1 kg. per sq. cm. | = 0.9678 normal atmosphere | | |