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ECONOMICS OF FORESTRY

A bibliography for the United States and Canada, 1940-1947

Compiled by

Frances J. Flick and Elisabeth P. Brown

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ECONOMICS OF FORESTRY
JUN 27 1950
U. S. DEPARTMENT OF AGRICULTURE

NOTE

The compilers are indebted to W. A. Duerr of the Southern Forest Experiment Station, U. S. Forest Service, for acting as advisor and consultant from inception to completion of this bibliography. Subject arrangement of contents, and terminology used in subject classes largely are his work. During the last stages of compilation, H. R. Josephson of the Division of Forest Economics, U. S. Forest Service, generously acted as reviser and consultant.

In most cases, when an entry in the bibliography refers to a feature or report appearing at regular intervals, only the latest issue is cited. Geographic subdivisions are governed in concept, but not necessarily in nomenclature, by administrative regions set up in the U. S. Forest Service. Hence, Missouri is considered a northern state in the body of the bibliography, where larger regional arrangement occurs.

The index lists trees, insects and fungi by common name. Tree nomenclature roughly corresponds to that used in the Checklist of Native and Naturalized Trees of the United States, Including Alaska, issued in revised form by the U. S. Forest Service in 1944.

Call numbers given after each entry are those of the U. S. D. A. Library. For references in other libraries the name of the library is given but not the call number.

The list of Sources Consulted presents only those sources contributing a large number of independent references. Many other separate lists and bibliographies appended to articles and books were checked also. In addition to the libraries whose card catalogs proved most fruitful, seven other Washington libraries, including the Library of Congress, were visited.

FOREWORD

This bibliography covers the English-language publications on the economics of forestry in the United States and Canada that appeared during the eight years, 1940-1947. It brings up to more recent date a number of earlier compilations that enter the same field, among them A. Z. Nelson's *A Selected Bibliography of the Economics of Forestry in the United States* (1941) and E. N. Munns' *A Selected Bibliography of North American Forestry* (1940).

The economics of forestry is taken to include value (broadly interpreted) and price aspects of (1) forest and forest-land use and tenure; (2) forest management; for timber, water, forage, wildlife, recreation, or other forest products; (3) industry based directly on forest products; (4) marketing of forest products; and (5) consumption of forest products. Only references dealing largely or pointedly with such matters were considered for inclusion.

Although the bibliography covers the economics of forestry, it does not, of course, encompass all references that a student of the field may need in his work. For example, it excludes the literature of general and agricultural economics, accounting, business administration, and the like, however strong the possible applications to forestry, unless such applications are actually made in the written work. Conversely, it omits the literature of other aspects of forestry than the economic. Again, it leaves out economic writings on such products as water and wildlife, where the orientation is not specifically toward forest management.

Some 10,000 references were examined by the bibliographers, of which over 3,500 were finally retained. Among the references omitted was a great number judged to be on the borderline as regards subject matter—references bearing less than a secondary relation to forest management, which was taken as the hub of the forest-economics wheel. Still other references were omitted because they dealt with the economics of forestry only in passing or because their forest-economics content was a repetition of other, more pointed or more complete material cited.

The subject-matter divisions under which the entries are listed are intended to represent first the economy at large and then the successive stages in economic activity from the forest to the consumer of forest products. However, it has been necessary for convenience to depart from this ideal arrangement at several points. For instance, the subject of demand, which logically comprises the last major division in the scheme, is so sparsely represented in the literature that the few writings on this subject are put in with Consumption, under the main heading *The Meeting of Supply and Demand*. Again, the subject of production, which strictly belongs under the same main heading, has been put instead under *Management of Forest-product Harvesting and Processing*, since the bulk of the references have a forest-industry context.

Works covering more than one subject-matter division are listed under the one that they emphasize most. In the index section, however, references may be located through any of the subjects covered that were noted by the bibliographers—and they may be traced, additionally, through their authors.

In most cases the principal subject of an entry is reasonably well specified by its title and the subject-matter heading. Where these are not sufficiently specific, annotations have been added.

This bibliography was started in 1947 as part of a larger project concerned with the *Scope and Method of Research in the Economics of Forestry*, a joint undertaking of the Society of American Foresters and the Charles Lathrop Pack Forestry Foundation. Funds from the larger project were allocated for work on the bibliography, and compilation was begun at the

U. S. Department of Agriculture Library by Miss Elisabeth P. Brown. The work was at first shared, and later taken over entirely, by the Agriculture Library, the greater part of it having been done by Miss Frances J. Flick, of the Library staff. The Agriculture Library's splendid collection furnished the main sources of references. A list of libraries and sources consulted is given below.

Publication was financed jointly by the U. S. Department of Agriculture Library, the Charles Lathrop Pack Forestry Foundation, and the Forest Service, U. S. Department of Agriculture.

Society of American Foresters
Committee on Scope and Method of Research in the Economics of Forestry

Henry J. Vaux
William A. Duerr, Chairman
June 1, 1950

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Lumber, lumber products, pulp, paper and allied products, p. 23-24.

2138. U. S. DEPT. OF COMMERCE. OFF. OF BUSINESS ECONOMICS. NATIONAL INCOME DIV. National income and product statistics of the United States, 1929-46. Survey Current Business, Sup. July 1947, 54 p. 157.7 C76Ds

Income, wages, profits, employment, and sales statistics for forestry as an industry. Lumber and timber basic products, furniture and finished lumber products, paper and allied products.

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U. S. Securities and Exchange Commission cooperating. Reports begin 1947 and present statistics of profits by industry groups, including lumber and wood products, furniture, paper and allied products.

2140. U. S. FEDERAL TRADE COMMISSION. Report on wartime costs and profits for manufacturing corporations, 1941 to 1945. Appendix. Washington, 1947. 106 p. 173 F32Wan

Includes data for lumber and timber basic products industries, furniture and finished lumber products industries, and paper and allied products industries.

2141. U. S. OFF. OF PRICE ADMIN. ECONOMIC DATA ANALYSIS BR. Survey of building materials and mechanical building equipment manufacturers; summary of operating data for various periods from 1936 to 1946. U. S. Off. Price Admin. OPA Econ. Data Ser. 6, 24 p. 1947. 173.403 Su725

Prepared by K. Abrams, S. Rothstein, B. Derow, and T. McMullen. Table 24, Corkboard manufacturers; Table 25, Western pine stock millwork manufacturers; Table 26, Douglas fir plywood manufacturers; Table 27, Douglas fir door manufacturers.

2142. U. S. SECURITIES AND EXCHANGE COMMISSION. Survey of American listed corporations: data on profits and operations, 1944-1945. Washington, 1946-47. 6 pts. 173.2 Se3Sup

Pt. 4 contains operational expense, sales and profits statistics for 20 lumber and lumber products companies, p. 84-85; similar statistics for 47 paper and allied products companies, p. 156-181. Part of a series begun before 1940 and supplemented by Balance Sheet Data, 1939-1943 (173.2 Se2Sub) and releases on quarterly sales and operating revenues (173.2 Se2Sud).

2143. U. S. SECURITIES AND EXCHANGE COMMISSION. Survey of American listed corporations; return on invested capital, 1936-1941. Washington, 1943. 333 p. 173.2 Se2Sue

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2144. CANADA. BUR. OF STATISTICS. BUSINESS STATISTICS BR. Survey of production in Canada, 1940 to 1945. Ottawa, 1947. 21 p. 253 C332S

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2147. COMMODITY RESEARCH BUR., INC. Commodity yearbook. New York, 1942. 294 p. 286.8 C7392
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2148. COMPTON, W. Forest products shortages are fears, not facts. South. Lumberman 165(2081):117-118. Dec. 15, 1942. 99.81 So82

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2150. FULLERTON, D. H. Substantial increase in prices recorded by forest products. Com. Intel. J. 75: 923-927. Dec. 7, 1946. 286.8 C16

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2152. INDUSTRIAL production, by industries. U. S. Fed. Reserve System Fed. Reserve B. 33:1528-1531. Dec. 1947. 173 F31B

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2155. LARGE returns from secondary crops. West Coast Lumberman 67(11):28. Nov. 1940. 99.1 W52

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2156. REYNOLDS, R. V., and PIERSON, A. H., COMPS Forest products statistics of the Central and Prairie States. U. S. D. A. Statis. B. 73, 94 p., map. Jan. 1941. 1 Ag84St

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2158. STANDARD & POOR'S CORPORATION. Trade and securities statistics. Current statistics combined with basic statistics. New York, 1947. 32 p. 284.9 St2S

Annual. Lumber production statistics by softwoods and hardwoods; prices for quartered oak and Douglas-fir flooring, and Douglas-fir lumber. Production and price statistics also for turpentine, paper and products. Stock price indexes do not differentiate forest products.

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Includes production and stocks of lumber, hardwood flooring, redcedar shingles, and plywood.

2160. U. S. CIVILIAN PRODUCTION ADMIN. Production outlook, 1947. Washington, U. S. Off. of Temporary Controls, 1947. 44 p. 173 C492P

Contains section on construction, lumber, and table of monthly production statistics for lumber, softwood plywood, and hardwood flooring. Aug. 1945-Dec. 1946.

2161. U. S. CIVILIAN PRODUCTION ADMIN. OFF. OF ECONOMIC REVIEW AND ANALYSIS. Monthly report on civilian production, November 1946. Washington, 1946. 28 p., map.

U. S. Natl. Securities Resources Bd. Libr.

Issued from Dec. 27, 1945. Reviews lumber situation, and from time to time other forest products.

2162. U. S. FOREST SERV. Farm forest products, 1937. Washington, 1940. 8 p. 1.962 F4R22

U. S. Bureau of Agricultural Economics cooperating.

Tables show products for use and sale, products sold, products bought, as determined by questionnaire.

2163. U. S. FOREST SERV. SOUTHERN REGION. Woodland production, 1943. In U. S. Bur. Agr. Econ. War-time adjustments on southern farms, p. 96-108, maps. Atlanta, Ga., 1942. 1.90 A5W26

"For administrative use only."

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2164. U. S. KRUG COMMITTEE ON NATURAL RESOURCES. A report by the Committee on Wood and Paper Products. Washington, 1947. 5 p. 1.962 A2R298

Production and resources.

2165. U. S. OFFICE OF THE HOUSING EXPEDITER. Building materials handbook, 1946-1947. Washington, 1947. (Various paging.)

U. S. Natl. Security Resources Bd. Libr.

Loose leaf. Monthly and quarterly tables, including production and shipments of forest products in U. S. Bureau of the Census grouping. Sometimes compares industry estimates with Federal estimates.

2166. U. S. WAR PRODUCTION BOARD. Production and availability of construction materials, February 1945. Washington, 1945. 28 p.

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Issued from July 1, 1943. Include data on building board, plywood and lumber.

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2167. U. S. WAR PRODUCTION BOARD. Wartime production achievements and the reconversion outlook. Washington, 1945. 110 p. 173.409 W26

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2168. BOYD, J. P. Head of WPB Lumber Branch outlines plan of cooperation with Forest Service to further stimulate lumber output. Miss. Val. Lumberman 74(13):7-8. Mar. 26, 1943. 99.81 M69

2169. BOYD, J. P. Lumber now under one flexible order. J. Forestry 42:681-682. Sept. 1944. 99.8 F768

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Analysis of probable effect of discontinuing special depletion allowance.

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2172. DARROW, J. F. Pulp and paper industry in the United States under priority controls. Paper Trade J. 114(8):132-134, 136. Feb. 19, 1942. 302.8 P196

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2175. FLEISHEL, M. L. Statement of chairman, Lumber and Timber Products Defense Committee. Amer. Lumberman, 3197:40-43, 68-69. Feb. 8, 1941. 99.81 Am3

Includes statement by Leon Henderson, and presents both industrial and government viewpoint.

2176. MCCAULEY, M. Pulp and paper policies of the War Production Board and predecessor agencies, May 1940 to January 1944. U. S. War Prod. Bd. Spec. Study 7, 161 p. Mar. 1, 1946.

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Lumber

3290. AMERICAN BUILDER & BUILDING AGE. 1946-1948 building; residential, commercial, farm. Chicago, 1946? 32 p., illus.

U. S. Natl. Security Resources Bd. Libr.

Flow charts show distribution channels for building materials; table on regional retail dealers and yards; section on materials handled by retail lumber dealers.

3291. AMERICAN LUMBERMAN & BUILDING PRODUCTS MERCHANDISER. Dealer's merchandise reference issue, 1947. Amer. Lumberman 3358, 506 p., illus. Apr. 12, 1947. 99.81 Am3

Annual manual of building products specification and merchandising, containing also directories of wholesale, retail and professional associations, woodwork jobbers, and a lumber and lumber products directory, including manufacturers. Semi-weekly issues of this periodical contain a Lumber Market Analysis presenting production, stocks, orders and supply statistics, with discussions of demand, and of the general lumber situation, reported by West Coast Lumbermen's Association, Western Pine Association, National Lumber Manufacturers Association, National Retail Lumber Dealers Association, and Southern Pine Association, supplemented by news from market centers like Tacoma and Kansas City.

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3293. BEMIS, J. R. Southern Pine looks ahead with confidence. South. Lumberman 171(2153):191-193. Dec. 15, 1945. 99.81 So82

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3294. BOOMING black market undermines industry's public relations. Amer. Lumberman 3334:58-59. May 11, 1946. 99.81 Am3

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3305. *DUNN, W. B. An analysis of lumber marketing in North Carolina by wholesalers. Durham, N. C., 1941. Thesis (M.F.)—Duke University.

3306. EARNINGS on investment [for lumber dealers]. Amer. Lumberman 3279:27-28. Apr. 15, 1944. 99.81 Am3

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3308. GEOGRAPHIC distribution of southeastern lumber. Ala. U. Business News 7(4):1-3. Dec. 1941. 280.9 AL1U

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3309. GRANTHAM, J. B. Treated lumber in retail yards. Spokane Chamber of Com. Wood Prod. Clinic Proc 1946:130-132. 99.9 Sp6

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3310. GRIFFIN, F. T. Distribution. South. Lumberman 175(2196):33. Oct. 1, 1947. 99.81 So82

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Marketing problems of the lumber industry after the war.

3318. LOG MARKET. Timberman 49(2):154. Dec. 1947. 99.81 T484

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3319. LUMBER. Com. B. 4739, 12 p. Dec. 13, 1947. 286.8 C736

Semi-annual lumber survey. Reviews markets in other forest products and in other parts of nation. This issue contains a list of New England wholesale lumber distributors.

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Includes prices, production and shipments.

3321. LUMBERMEN'S CREDIT ASSOCIATION, INC. The lumbermen's national red book service, reference book, November, 1947. Chicago, 1947. Various paging. Libr. Cong.

Published twice yearly, with supplement sheets, Atlas and directory, with credit rating of retail and wholesale establishments, and some sawmills. Includes Canada.

3322. MARKET reports. N. Y. Lumber Trade J. 117(1381):10, 22-25. Dec. 1947. 99.81 N48

Monthly. Reports review prices, supply and demand situation in centers like Baltimore, Boston, Jacksonville, Memphis and Philadelphia.

3323. MARKET trend. West Coast Lumberman 79(12):128. Dec. 1947. 99.81 W52

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3324. MASON, N. P. Lumber dealers' responsibilities and outlook. South. Lumberman 171(2153):291-292. Dec. 15, 1945. 99.81 So82

3325. MERRICK, G. D. Distribution of lumber from sawmills in Western States, 1945. Washington, U. S. Forest Serv. Div. Forest Econ., 1947. 8 p. 1.962 F4D63

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3329. PIERSON, A. H., and BLYTHE, R. H. Domestic lumber distribution, 1943; all lumber, softwood lumber, hardwood lumber. Washington, U. S. Forest Serv., 1945. 21 p. 1.9 F76Lu

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3460. U. S. BUR. OF THE CENSUS. Foreign commerce and navigation of the United States for the calendar year 1944. Washington, 1946-47. 2 v. in 4. 157.9 F76

Forest products are in Group 2, which includes naval stores and balsams, and Group 4, which includes wood and paper products.

Brought up to date by the annual Summary of Foreign Commerce of the United States (157.41 Su62) and Monthly Summary of the Foreign Commerce of the United States (157.9 M76). Statistics for previous years include lend-lease summaries and numerous periodical publications of the Census Bureau which amplify information on trade zones, customs districts, commodities imported and exported, value, shipping weight, water-borne commodities, countries of origin, and countries of destination.

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Pt. 3, Special Reports; wood and wood products available for export, p. 239-243; pulp and paper, p. 259-263.

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3531. DAVIS, K. P., and BRUNDAGE, M. R. Transportation of forest products by truck and common carrier railroad in the United States, 1941, 1942, 1943, 1944. Washington, U. S. Forest Serv., 1943. 41 p.

U. S. Natl. Security Resources Bd. Libr.

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U. S. War Production Board cooperating.

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Lumber rates in North Pacific.

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Statistics on ocean lumber freight rates, 1939-41 and water-borne lumber shipments for October 1945.

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3536. HOBBS, E. S. Fluctuations in railway freight traffic compared with production, Class 1 steam railways, 1928-1944. U. S. Interstate Com. Comm. Bur. Transport Econ. & Statis. Statement 4625, 45 p. Nov. 1946.

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3538. JOSEPHSON, H. R. Statement . . . before the Interstate Commerce Commission, ex parte No. 148, Increased railway rates, fares, and charges, 1942; ex parte No. 162, Increased railway rates, fares, and charges, 1946. Washington, U. S. Forest Serv., 1946. 7 p. 1.92 F4R13

Trends in forest products shipment and effect of rates.
3539. KLUENDER, W. A. What forest products mean to the railroads. Timber Prod. Assoc. B. 48:14-15. Mar. 25, 1947. 99.9 T482B

3540. MACLEOD, A. J. Truck transportation between farm and market. Washington, U. S. Bur. Agr. Econ., 1942. 43 p. 1.941 M2761

War-time conservation measures in forest product truck transportation, p. 20-22.

3541. MIDDLETON, P. H. Freight transport in the United States; prewar, war, and postwar. Chicago, Railway Business Assoc., 1945. 98 p. 289 R13

Forest products, p. 46-51.

3542. MOORE, A. G. T. Reasonable freight rates—a necessity for the successful conduct of business. In Southern Pine Association. Meeting the problems of the southern pine industry, 1. 27-30. New Orleans, 1945. 99.76 S082Me

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3544. MOORE, A. G. T. Trend of the times in transportation. South. Lumberman 171(2153):206-207, 210. Dec. 15, 1945. 99.81 S082

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3554. U. S. INTERSTATE COMMERCE COMMISSION. BUR. OF TRANSPORT ECONOMICS AND STATISTICS. Freight commodity statistics, Class 1 steam railways in the United States, for the year ended December 31, 1946. Washington, 1947. 147 p. 168 F88

Annual cumulation of monthly reports (quarterly until October 1942), one series with similar title (168 S06), and one series on Tons of revenue freight originated and tons terminated (168 T612). All Group 4 commodities are forest products, including naval stores. Statistics on amounts and revenues by commodities, by districts, by areas; average load, average revenue, ratio of commodities, and revenue freight per railway.

3555. U. S. INTERSTATE COMMERCE COMMISSION. BUR. OF TRANSPORT ECONOMICS AND STATISTICS. Statistics of railways in the United States for the year ended December 31, 1945. Washington, 1947. 608 p. 168 S02

Table 50, Freight originated, terminated, and total carried, by districts; includes forest products statistics. Table 51, Freight (revenue) tons originated, carried, and revenue by commodities. Table 51-A, Tons of revenue freight originated and terminated by commodities and geographic areas. Table 93, Ties laid. Table 94, Ties laid in replacement. Other maintenance statistics involving forest products.

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3567. GOTTSCHEN, J. J. Prices of paper and pulp in two wars. Paper Indus. & Paper World 26:453-455. July 1944. 302.8 P1923

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Swordfern	1928	2620	1939
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1481 1816	1928	2620	1939
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2429 3011	1928	2620	1939
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Tilton W G	1928	2620	1939
1355 2117	1928	2620	1939
Timber	1928	2620	1939
cruising	1928	2620	1939
laws	1928	2620	1939
Canada	1928	2620	1939
marking	1928	2620	1939
Alabama	1928	2620	1939
Virginia	1928	2620	1939
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1235 1252	1928	2620	1939
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2398	1928	2620	1939
Timber Prod Assoc	1928	2620	1939
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418 430 649	1928	2620	1939
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Tinker E W	1928	2620	1939
2634	1928	2620	1939
2766-73	1928	2620	1939
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506 1817	1928	2620	1939
Tires	1928	2620	1939
2366 3190	1928	2620	1939
Tisdale E W	1928	2620	1939
Titus R T	1928	2620	1939
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2091 2242 2649	1928	2620	1939
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2240 2650	1928	2620	1939
Toler B	1928	2620	1939
Toler J B	1928	2620	1939
Tonkin J D	1928	2620	1939
2458	1928	2620	1939
Tonti E A	1928	2620	1939
Toole A W	1928	2620	1939
3663	1928	2620	1939
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2269	1928	2620	1939
Townsend H F Jr	1928	2620	1939
1446	1928	2620	1939
Trachterberg S	1928	2620	1939
3705	1928	2620	1939
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2376 2380	1928	2620	1939
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Trade promotion	1928	2620	1939
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3536 3499 3555-6	1928	2620	1939
California	1928	2620	1939
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Oregon	1928	2620	1939
freight revenue	1928	2620	1939
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Wisconsin	1928	2620	1939
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2372	1928	2620	1939
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44 610 3529	1928	2620	1939
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3541 3548 3554	1928	2620	1939
3529 3531 3540	1928	2620	1939
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2387 3499 3529 3534	1928	2620	1939
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Florida	1928	2620	1939
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Oregon	1928	2620	1939
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1326	1928	2620	1939
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629	1928	2620	1939
Tree planters	1928	2620	1939
1501	1928	2620	1939
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grading	1928	2620	1939
1544 1937 2604	1928	2620	1939
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2294 2570	1928	2620	1939
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2591	1928	2620	1939
Trenk F B	1928	2620	1939
103-4 671-2 1501	1928	2620	1939
1965 2154	1928	2620	1939
Trim	1928	2620	1939
Trousdell K B	1928	2620	1939
900	1928	2620	1939
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3590	1928	2620	1939
Troy D S	1928	2620	1939
2559-60	1928	2620	1939
Truax T R	1928	2620	1939
3091	1928	2620	1939
Trucks	1928	2620	1939
2384 2390	1928	2620	1939
equipment	1928	2620	1939
in fire control	1928	2620	1939
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