

FORESTS AND TIMBER SUPPLY.

The timber supply of the United States is discussed, in a recent bulletin by the forestry service of the department of agriculture, in which it is estimated that the original forests of the United States, which covered 850,000,000 acres, and contained 5,200,000,000 feet, not counting 100,000,000 acres of scrubby forest and brush land, have been reduced to about 50,000,000 acres with a total stand of about 2,500,000,000 board feet.

The original forests embraced three great types, and were unequalled elsewhere on the globe. The Northern forest, which ran from Maine through New England, across New York and most of Pennsylvania, through Central and Northern Michigan and Wisconsin to Minnesota with an extension along the high Appalachian ridges as far southwestward as Northern Georgia, roughly covering 150,000,000 acres. The Southern type appeared in Southern New Jersey, widening southward and westward through Virginia, and covering the Carolinas, Georgia, Florida, Alabama, Mississippi, Louisiana and portions of Texas, Oklahoma and Arkansas. The central forest stretched between the Northern and Southern types from the Atlantic ocean to the plains of the Rocky mountain range, separated by plains from the Eastern types, and by desert areas from the Pacific coast, while the Pacific type embraces California, Oregon and Washington. Hardwood prevailed in the Northern type; the yellow pine predominated in the Southern; walnut, hickory, oak, maple and similar woods in the central; pine, fir, larch,

spruce, red cedar and other soft woods in the Rocky mountain range, while the coniferous type is found on the Pacific slope.

The bulletin shows that most of the forests in the United States are now privately owned, but possibly 20 per cent of the standing timber is held by the federal government in national forests, national parks, Indian reservations and on the unreserved public domain, or else by the states in state reserve or on other state lands. The public forests contain more than 100,000,000 acres of saw timber.

The total yearly drain on the forests, not counting losses from fire, storms and insects, is some 20,000,000,000 cubic feet. The present forest area of 550,000,000 acres is roughly estimated to consist of 200,000,000 acres of mature forests, in which the annual growth is balanced by death and decay; 250,000,000 acres partially cut or burned over, on which there is a sufficient young growth to produce in time a merchantable but not a full crop of timber, and 100,000,000 acres of badly cut and burned over forests, on which there is not sufficient young growth to produce another crop of value. Taken as a whole, therefore, the annual growth of these forests under the conditions named does not exceed twelve cubic feet an acre, a total of less than 7,000,000,000 cubic feet; showing that the forests are being cut away three times as fast as they are growing. Naturally there is a menace in the continuance of such conditions. The unrestricted exploitation of the forests has already had serious effect in lessening the supply, and it is easy to

understand what the conditions will be in the near future if a halt is not called.

The United States is taking 250 cubic feet of wood per capita annually from the forests, while Germany uses only thirty-seven cubic feet and France but twenty-five. In addition, Germany makes her state forests produce an average of forty-eight cubic feet of wood an acre. This country has as fast growing species as Germany, even faster, and as good, if not better, forest soil, if it is protected.

PECANS FOR CUT-OVER LANDS.

Profit-Bearing Nut Trees Should Take the Place of Rapidly Disappearing Pines.

Quite a demand has sprung up in Florida cut-over timber lands, which are being divided into small farms and sold to actual settlers. No better disposition could be made of these lands, for it is making productive heretofore idle soil and it is adding to the population of the state many thrifty farmers, than whom there are no better people on earth, says the Tampa Times.

But it will be years yet before enough farmers can be induced to come here to till all of these lands. Thousands of acres are lying idle which might just as well as not be made productive, and, in a way at small cost, that would in a few years add materially to the wealth of Florida.

In a clear, concise and comprehensive article, published in the Nut Grower, Dr. J. F. Wilson suggests that these idle lands be converted into pecan groves and he shows how it can be done by a co-opera-

tive plan with small outlay of actual cash.

The plan he proposes is for the owners of these lands to organize co-operative pecan growing stock companies, putting in the lands as their share of the capital stock. Nurserymen could be induced to supply all of the trees needed, taking stock in the company in payment therefor. All then required would be sufficient cash capital to plant and care for the trees, and it is possible that men could be found who would accept stock as part payment for their labor. Anyway, with the land and trees ready to begin operations, it would be an easy matter to find investors who would gladly put up the required cash. In this article Dr. Wilson says:

"The essential requirement on the part of these land owners is confidence in the integrity and ability of those nut growers who may undertake the development of such orchard propositions.

"To illustrate, say the owner of 10,000 or 20,000 acres of these cut-over lands agrees to put a tenth of his holdings, 1,000 or 2,000 acres, into an orchard proposition, at its present valuation, provided other interested parties furnish the requisite skilful management and the additional capital needed to establish an orchard of agreed area. This makes a basis upon which a company can be formed.

Industrial Record Buyers' Directory.

ACCOUNTANTS.

T. G. Hutchinson, Jacksonville, Fla.

AXES.

J. D. Weed & Co., Savannah, Ga.

BANKS.

Commercial Bank, Jacksonville, Fla.

BEER—WHOLESALE.

Chas. Blum & Co., Jacksonville, Fla.

BARREL STAVES.

East Coast Lumber Co., Watertown, Florida.

BOXES AND CRATES.

Cummer Lumber Co., Jacksonville, Fla.

CLOTHING.

Standard Clothing Co., Jacksonville, Fla.

COPPER SMITHS.

McMillan Brothers, Jacksonville, Savannah and Mobile.

Baker, M. A., Brunswick, Ga., and Pensacola, Fla.

COOPERAGE.

Atlantic Cooperage Co., Jacksonville, Fla.

DRUGS.

Wm. D. Jones, Jacksonville, Fla.

ENGINES.

Schofield's Sons Co., J. S., Macon, Ga.
Lombard Iron Works and Supply Co., Augusta, Ga.

FOUNDRIES.

Schofield's Sons Co., J. S., Macon, Ga.
Lombard Iron Works and Supply Co., Augusta, Ga.

GENTS' FURNISHERS.

Standard Clothing Co., Jacksonville, Fla.

GROCERS—WHOLESALE.

Williams, J. P., Co., Savannah, Ga.

Young Co., John R., Savannah, Ga.

HARDWARE.

Weed & Co., J. D., Savannah, Ga.

Standard Clothing Co., Jacksonville, Fla.

HOOP IRON.

J. D. Weed & Co., Savannah, Ga.

IRON WORKS.

Schofield's Sons Co., J. S., Macon, Ga.

JEWELERS.

R. J. Riles Co., Jacksonville, Fla.

Hess & Slager, Jacksonville, Fla.

LUMBER.

East Coast Lumber Co., Watertown, Florida.

LIQUORS.

Blum & Co., Chas., Jacksonville, Fla.

MEDICINES.

Spencer Medicine Co., Chattanooga, Tenn.

MACHINE WORKS.

Schofield's Sons Co., J. S., Macon, Ga.
Lombard Iron Works, Augusta, Ga.

MATERIALS FOR TURPENTINE PROCESS.

Schofield's Sons Co., J. S., Macon, Ga.

METAL WORKERS.

McMillan Brothers, Jacksonville, Savannah and Mobile.

Baker, M. A., Brunswick, Ga., and Pensacola, Fla.

MILL SUPPLIES.

Schofield's Sons Co., J. S., Macon, Ga.

Weed & Co., J. D., Savannah, Ga.

Lombard Iron Works & Supply Co., Augusta, Ga.

NAVAL STORES.

Peninsular Naval Stores Co., Jacksonville and Tampa, Fla.

Barnes & Jessup Co., Jacksonville, Fla.

Consolidated Naval Stores Co., Jacksonville, Fla.

West-Flynn-Harris Co., Jacksonville, Fla.

Williams Co., J. P., Savannah, Ga.

Southern States Naval Stores Co., Savannah, Ga.

PHOSPHATE MACHINERY.

Lombard Iron Works & Supply Co., Augusta, Ga.

PUMPS.

Schofield's Sons Co., J. S., Macon, Ga.

RAILROADS.

Atlantic Coast Line.

NURSERIES.

The Barber-Prink Co., Macclenny, Fla.

SAWMILLS.

Lombard Iron Works and Supply Co., Augusta, Ga.

SHIP YARDS.

Cummer Lumber Co., Jacksonville, Fla.

SHOES—WHOLESALE.

Jos. Rosenheim Shoe Co., Savannah, Ga.

TANKS.

G. M. Davis & Sons, Palatka, Fla.

Schofield's Sons Co., J. S., Macon, Ga.

TURPENTINE BARRELS.

Atlantic Cooperage Co., Jacksonville, Fla.

TURPENTINE STILLS.

Baker, M. A., Brunswick, Ga., and Pensacola, Fla.

McMillan Brothers, Jacksonville, Savannah and Mobile.

TURPENTINE TOOLS.

Council Tool Co., Jacksonville, Fla.

J. D. Weed & Co., Savannah, Ga.

WATCHES.

Hess & Slager, Jacksonville, Fla.

R. J. Riles Co., Jacksonville, Fla.

YELLOW PINE LUMBER.

Cummer Lumber Co., Jacksonville, Fla.
East Coast Lumber Co., Watertown, Fla.