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Bibliography of Wood Distillation

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Forest Products Research
FOREST RESEARCH LABORATORY

OREGON STATE UNIVERSITY

Corvallis

PROGRAM AND PURPOSE

The Forest Research Laboratory of the School of Forestry combines a well-equipped laboratory with a staff of forest and wood scientists in a program designed to improve the forest resource and promote full utilization of forest products. The extensive research done by the Laboratory is supported by the forest industry and by state and federal funds.

The current report results from studies in forest products, where wood scientists and technologists, chemists, and engineers are concerned with properties, processing, utilization, and marketing of wood and of timber by-products.

The PROGRAM of research includes

- identifying and developing chemicals from wood,
- improving pulping of wood and wood residues,
- investigating and improving manufacturing techniques,
- extending life of wood by treating,
- developing better methods of seasoning wood for higher quality and reduced costs,
- cooperating with forest scientists to determine effects of growing conditions on wood properties, and
- evaluating engineering properties of wood and wood-based materials and structures.

The PURPOSE of research on forest products is to expand markets, create new jobs, and bring more dollar returns, thus advancing the interests of forestry and forest industries, by

- > developing products from residues and timber now wasted, and
- > improving treatment and design of present wood products.

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INTRODUCTION

This bibliography is a revision and extension to 1964 of Bibliography of Wood Distillation, 1907-1953 published in 1955.

The term wood distillation is used rather loosely in the literature, consequently, references may include carbonization, steam distillation, gasification, or modifications of each; however, the main purpose was to compile works on wood carbonization and topics related primarily to wood charcoal.

The citations are classified as Books, listed alphabetically by author's name; Articles and Bulletins, listed alphabetically by author's name and chronologically by year of issue; and Patents, grouped by country and listed alphabetically by author and chronologically by year of issue.

Three abstracting services provided the bulk of the assembled references: Chemical Abstracts (1907 to 1964), Forestry Abstracts (1939 to 1964), and Engineering Index (1907 to 1964). Citations in Chemical Abstracts are included with the original source wherever possible.

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