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DIVISION OF FORESTRY; A
PRIMER OF FORESTRY. PART I. -
THE FOREST**

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Part I. - the Forest by Gifford Pinchot

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GIFFORD PINCHOT

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A FOREST IN THE SOUTHERN APPALACHIAN MOUNTAINS. NORTH CAROLINA.



U. S. Forest Service.

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U. S. DEPARTMENT OF AGRICULTURE
DIVISION OF FORESTRY.

A PRIMER OF FORESTRY.

PART I.—THE FOREST.

By GIFFORD PINCHOT,
FORESTER.



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LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF FORESTRY,
Washington, D. C., May 8, 1899.

SIR: I have the honor to transmit herewith the manuscript of the first half of "A Primer of Forestry," and to recommend its publication as Bulletin No. 24, Part I, of this Division. The present part ("The Forest") deals with the units which compose the forest, with its character as an organic whole, and with its enemies. It may be said to sketch the foundation of the practice of forestry and of forest policy. Part II will be entitled "Practical Forestry," and will deal with the practice of forestry, with work in the woods, with the relations of the forest to the weather and the streams, and will conclude with a brief description of forestry at home and abroad.

For many of the illustrations of Part I, I am indebted to the kindness of several gentlemen not connected with this Division. Their names and the plates and figures which I owe to their courtesy are as follows:

The Director of the U. S. Geological Survey, figs. 65, 66, and 74; Mr. George W. Vanderbilt, of Biltmore, N. C., figs. 8, 54, 58, the frontispiece, and Pl. XXIII; Forstmeister U. Meister, of Zurich, Switzerland, fig. 41 and Pl. XL; the inspector-general of forests to the government of India, Pls. IV and XII; Mr. A. R.

Moore, of Millville, Cal., Pls. V, XIII, and XLII; Mr. U. F. Bender, of New York City, fig. 79; Mr. A. P. Low, of the geological survey of Canada, Pl. XI; Mr. A. G. Wallibau, of Lay, Colo., Pl. XIV.

Three plates are from sources difficult to trace. The remainder of the plates and figures (except figs. 14 and 59, which are diagrams) are from photographs in my collection, which were taken, in about equal proportions, by Mr. Henry S. Graves, now Assistant Chief of this Division, and myself.

Respectfully,

GIFFORD PINCHOT,
Forester.

HON. JAMES WILSON,
Secretary of Agriculture.



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