

GUARDIANS OF THE COLUMBIA. By John H. Williams. (Tacoma, Williams, 1912. Pp. 142. \$1.50.)

The present volume is the second of a series of books upon Western mountain scenery. It contains a collection of remarkable photographs relating to Mount Hood, Mount Adams and Mount St. Helens and the forests, valleys and rivers that lie between. While not purporting to be a history of the region described, it furnishes a most realistic background to the events that have here transpired. The photographic reproductions are of a high order of excellence and the work as a whole will be a serviceable guide to an understanding of the geographic conditions that have moulded the history of the Columbia-Cascade region.

A PRELIMINARY REPORT ON THE TERTIARY PALEONTOLOGY OF WESTERN WASHINGTON. By Charles E. Weaver. (Olympia, E. L. Boardman, Public Printer, 1912. Pp. 80+22.)

This is Bulletin Number 15 of the Washington Geological Survey, supervised by Henry Landes, State Geologist. Like the other bulletins, this one is of real and permanent value to those who would understand thoroughly the geologic history of the Pacific Northwest. While the work is technical, the descriptions are clear and easily followed. Professor Weaver has embellished the report with a preliminary areal geographical map, and with fifteen full-page plates illustrating one hundred and thirty-seven specimens, most of which are species new to science. Nearly all of the specific names selected for these discoveries are for geographical features such as Washingtoniana, Olequahensis, Cowlitzensis and Lewisiana. In a few instances personal honors have been conferred in the naming of species for such well known scientists as Professor Landes and Professor Trevor Kincaid.

The work will undoubtedly be received as a distinct and valuable addition to the scientific literature of the Pacific Northwest.

A DESCRIPTIVE LIST OF MAPS OF THE SPANISH POSSESSIONS WITHIN THE PRESENT LIMITS OF THE UNITED STATES, 1520-1820. By Woodbury Lowery; edited with notes by Philip Lee Phillips. (Washington, Government Printing Office, 1912. Pp. 567.)

This beautiful book from the Library of Congress, besides the high value of its contents, is a fine and deserved tribute to the late Woodbury Lowery. That ripe scholar gave his life to work in a relatively neglected field of American history and at death bequeathed valuable manuscripts, books, and maps to the National Library. This book is therefore an acknowledgment of the gift, as well as an effort to make the new riches more available to workers in the field concerned.