after F. Gerard, one from a bust by Michelet, and one from an

engraving by Napier. They have also ready "The Leaf-Collector's Hand-Book," by Charles P. Newhall, which is intended as an aid for students in classifying the leaves described in the author's former volume on "The Trees of North-eastern America," published last fall. A third volume on "The Shrubs of North-eastern America," is in preparation.

- The Century Company will publish George Kennan's "Siberia and the Exile System" this autumn. The book will appear simultaneously in England, France, Germany, and Holland. Unauthorized editions have already been published in Russia, Poland, Hungary, and Bulgaria, and many of the magazine articles have been reprinted in Italian and Swedish. Five unauthorized German editions have been issued.

The Open Court Publishing Co. have issued a small book by Th. Ribot entitled "The Diseases of Personality," being a study of insanity and other abnormal and diseased conditions of body and mind. It partakes of the general character of recent French works in physiological psychology, but bears at the same time the marks of the author's individuality. It presents a large collection of facts relating to the theme of the book, and in that respect will be useful to all students of the subject; but the author's theories seem crude and unscientific. His idea of personality itself is vague and uncertain. Sometimes he speaks as if he thought personality the same thing as consciousness; but near the close of the

book he says that "the organism and the brain as its highest representation constitute the real personality" (p. 156). Elsewhere he speaks of the "dissolution of personality," and of the "transformation of the ego;" and again, in speaking of a man who is sometimes drunk and sometimes sober, he asks: "Have we not here, as it were, two incomplete and contrary individuals welded together in one common trunk?" Such notions indicate a strange aberration of judgment; and it is certainly not by theories of that sort that mental derangements can be explained.

- The Fleming H. Revell Company have ready the "Life of John Kenneth Mackenzie," medical missionary to China, written by Mrs. Bryson, who was an intimate friend of the doctor's from 1875 until his death in 1888, and worked with him in central China and afterwards on the banks of the Pei-ho.

- Professor John Fiske will open the September Popular Science Monthly with a paper on "The Doctrine of Evolution: its Scope and Influence;" and Herbert Spencer writes on "The Limits of State-Duties," in which he maintains that an industrial State should not attempt to mould artificially the minds and characters of its citizens. Continuing his Warfare of Science series, Dr. Andrew D. White will relate, in the same number, how hygiene succeeded fetichism as the reliance of the Western world in checking the ravages of epidemics. A fifth paper, concerning "Glass in Science," will be added to the illustrated series on glass-making, by Professor C. H. Henderson, describing the making of spectacle-



glasses, the grinding of lenses for telescopes, the blowing and graduating of thermometer-tubes, the making of hydrometers, etc.; and the question "Can we always count upon the Sun?" is asked, though not in any sensational manner, by Mr. Garrett P. Serviss. The sun-spot period now approaching its maximum makes this query very timely.

- Henry Carey Baird & Co. have just issued a complete treatise on "The Electro-Deposition of Metals," translated from the German of Dr. George Langbein, with additions by William T. Brannt, editor of "The Techno-Chemical Receipt-Book."

The "Manual of the Paleontology of the Cincinnati Group," by Joseph F. James, Part 1 (Journal Cincinnati Society Natural History, April, 1891, issued July, 1891), is part one of what is designed to be a manual of the fossils of lower silurian age in the vicinity of Cincinnati. The necessity of some such work as this will be better understood when the fact is recalled that the five or

six hundred species of fossils known from the locality are described in many different publications, such as State surveys, reports of societies, and scientific journals, extending over many years. The reports of the Ohio and New York surveys contain many, but by no means all, of the species. If the plan of the present publication be carried out, it will include descriptions of all genera and species recorded from the Cincinnati formation. The present, the first part, treats of *Plantæ* and *Protozoa*. The author does not believe the so-called marine plants described from the formation are really such, but refers them to inorganic causes, markings of organisms, annelid trails, etc. Two species of Heterophyta (Cryptogamia) are described, one of which, however, is considered problematical. The Protozoa include two orders, Foraminifera and Spongida. Of the first one genus and two species are described, and of the second fourteen genera and nineteen species. Two new species, Rhombodictyon globosus and Cyathophycus siluriana, are described and illustrated.



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