

brain and auditory nerve is described with great fulness. It forms an important addition to this edition. Dr. George McBeam's theory of the causation of paracismus Willisii is given in full. In a word, every line of the book has been revised, all obsolete matter has been eliminated, and much new text has been incorporated, with many new illustrations and plates, all of which were drawn by the author. The volume is one hundred pages larger than the previous edition and there are about thirty more illustrations in the text as well as eleven new plates.

This work needs no introduction now, as it has passed the stage calling for the ordinary form of review. Dr. Ballenger's work is regarded as an authoritative standard. It is no longer a claimant for attention, but has become a recognized guide.

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#### HARRINGTON'S PRACTICAL HYGIENE.

A Manual of Practical Hygiene. For Students, Physicians and Health Officers. By Charles Harrington, M.D., late Professor of Hygiene in the Medical School of Harvard University. Fifth edition, revised and enlarged by Mark W. Richardson, M.D., Secretary to the State Board of Health of Massachusetts in collaboration with the following officials connected with the Massachusetts State Board of Health: W. H. Clark, Chief Chemist; X. H. Goodnough, Chief Engineer; William C. Hanson, M.D., Assistant to the Secretary; Hermann C. Lythgoe, Chief Analyst of Food and Drug Department, and George H. Martin, formerly Secretary to the Massachusetts State Board of Education. Octavo, 933 pages, with 125 engravings and 24 plates in colors and monochrome. Philadelphia and New York: Lea & Febiger, publishers. Cloth, \$5.00 net.

The ever increasing importance and the broadening scope of hygiene are going hand in hand with the great strides which are constantly being made in our knowledge of the subjects concerned with preventive medicine. It is no longer possible for one man to have first-hand knowledge of all the parts of this vast field. To the end therefore that Harrington's Hygiene, in its new edition, might offer the latest information of high authority on every phase of its department, the editor has secured the collaboration of the experts associated with him in the work of the Massachusetts State Board of Health. This latest edition, therefore, is thoroughly representative, and to the smallest details, of this board which has long been noted for the high character of its laboratory investigations and its public health administration. Many of the chapters have been practically rewritten and in each case this has been done by a gentleman who has made a specialty of the topic under discussion. The revision has been extremely thorough throughout, and the new edition contains one hundred pages more than the previous one, as well as twelve additional plates.

The subject of hygiene has taken a prominent place in medical science. This volume covers the ground of preventive medicine in a