

animal life were the objects to which he chiefly devoted his attention. The management and control of the whole Zoological Department of the *Encyclopædia Britannica* were undertaken by him and most ably executed. His authorship, on this work alone, comprises 900 pages, or equal to *nine* ordinary octavo volumes. He contributed the articles, Angling, Animal Kingdom, Animalculæ, Entomology, Helminthology, Ichthyology, Mammalia, Ornithology, Reptiles and Serpents. He also published "Illustrations of Zoology, with historical and descriptive details," folio 1851; "Entomologia Edinensis" 1834; the piscatory part of "The Rod and the Gun" 1840; "Illustrations of Scripture by an animal painter, with notes by a Naturalist" 1842. These besides numerous articles on his favourite studies in *Blackwood*, the *North British Review* and other Magazines were the products of his pen. The main features of Mr. Wilson's character were, its meekness of wisdom, warmth of affection, and unostentatious all-comprehending kindness. There was in him a happy harmony of contrasted qualities,—scientific accuracy without pendency and an unclogged excursive imagination,—fantastic playfulness with strong affection, and steadfast purpose,—freshness of feeling with width of innocent enjoyment, co-existing with great tenderness of conscience and faith unfeigned. He was preëminently a Christian Naturalist. This Memoir is prepared by one of the most genial and happy writers of the present day, and is a beautiful *éloge* of one whose character and labours will long be remembered and admired by the students of Natural History. We cordially commend this book to the Scientific and Christian reader as an interesting and delightful record of a beautiful, vigorous and useful life.

A. F. K.

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*The Use and Abuse of Tobacco.* By JOHN LIZARS, M. D., late Professor of Surgery to the Royal College of Surgeons, Edinburgh. Philadelphia: Lindsay & Blakston. Montreal: B. Dawson & Son. Eighth edition, pp. 138.

The object of the author in the publication of this little, but most pregnant book, is, if possible, to correct the progress of Tobacco smoking, and other forms of its use. He finds it difficult to estimate the pernicious consequences produced by habitual smoking, on the number of victims, both old and young. The consumption of Tobacco in Britain alone, in the year 1853,