

THE RETIRING PRESIDENT—PROF. A. N. COOK.

Biography.

Dr. Alfred Newton Cook was born on a farm near Cornell, Ill., February 22, 1866. His education, begun in the country school, was continued in the Cornell schools. He completed the Normal course in the Geneseo Normal School in 1886 and was graduated from Knox College in 1890 with the degree of bachelor of science. He pursued graduate work in chemistry mostly at the University of Wisconsin, where he received the degree of doctor of philosophy in 1908.

He taught the natural sciences in the Salina (Kan.) High School in 1890-91; was principal of Harris Institute (Mo.) in 1891-2; professor of the natural sciences in Amity College in 1892-4; professor of chemistry and physics in Upper Iowa University in 1894-8 with leave of absence the last term of the year to attend the graduate school of the University of Wisconsin; assistant in chemistry at the University of Wisconsin in 1898-1900; professor of chemistry at Morningside College 1900-4; professor of chemistry at the University of South Dakota from 1904 to the present time, completing fourteen years of service. On account of poor health he has been granted leave of absence for the year 1918-19 to gain a much needed rest, having taught for twenty-eight consecutive years.

He was first vice-president of the Iowa State Teachers' Association in 1903-4. He was one of the chief promoters in organizing the Sioux City Academy of Science and Letters and edited its first volume of proceedings. He was Food and Drug Commissioner of South Dakota 1909-13, during which time he served the University only part time. He was chairman of the preliminary organization of South Dakota Chemists and for the first two years of its existence was president of the South Dakota Section of the American Chemical Society.

His research work has been done mostly along the line of phenyl ethers. Among about sixty workers in this field he has probably done more than any of the others in developing it. Following is a list of his principal publications:

1. (With H. W. Hillyer) Derivatives of Phenyl Ether, *American Chemical Journal*, 24, 525.
2. Muencke's Method of Preparing Hyponitrites, *Proceedings of the Iowa Academy of Sciences*, 1901.
3. Preparation of Phenyl Ether, *Proceedings of the Iowa Academy of Sciences*, 1901.
4. (With Guy G. Frary) Derivatives of Phenyl Ether, *American Chemical Journal*, 28, 486.
5. Derivatives of Phenyl Ether, *Journal of the American Chemical Society*, 23, 806.
6. (With Chas. F. Eberly) Derivatives of Phenyl Ether, *Journal of the American Chemical Society*, 24, 1200.
7. (With Arthur L. Haines) Calcium Carbide as a Dehydrating Agent for Alcohols, *Proceedings of the Iowa Academy of Sciences*, 1903.
8. The Sioux City Water Supply, *Proceedings of the Iowa Academy of Sciences*, 1903.
9. Derivatives of Phenyl Ether, *Journal of the American Chemical Society*, 25, 60.
10. The Properties of Phenyl Ether, *Journal of the American Chemical Society*, 26, 302.
11. A Study of Aluminum Phenolate, *Journal of the American Chemical Society*, 28, 608.
12. A Study of the Aluminum Cresolates, *American Chemical Journal*, 36, 534.
13. Phenyl Ether and Some of Its Derivatives, *Journal of the American Chemical Society*, 32, 1285.
14. An Addenda to the Above, *Journal of the American Chemical Society*, 33, 254.
15. (With Frank F. Sherwood) Derivatives of Phenyl Ether, *Journal of the American Chemical Society*, 37, 1835.
16. (With Sylvanna Elliott) Relative Toxicity of Substances Found in Foods, *Journal of Industrial and Engineering Chemistry*, 8, 503.
17. (With Hilton Ira Jones) The Mono-Nitro Phenyl Ethers, *Journal of the American Chemical Society*, 38, 1534.