

BIBLIOGRAPHY

MR. CARNEGIE'S chief publications are as follows:

An American Four-in-Hand in Britain. New York, 1884.

Round the World. New York, 1884.

Triumphant Democracy, or Fifty Years' March of the Republic.
New York, 1886.

The Gospel of Wealth and Other Timely Essays. New York, 1900.

The Empire of Business. New York, 1903.

James Watt. New York, 1905.

Problems of To-day. Wealth — Labor — Socialism. New York,
1908.

He was a contributor to English and American magazines and newspapers, and many of the articles as well as many of his speeches have been published in pamphlet form. Among the latter are the addresses on Edwin M. Stanton, Ezra Cornell, William Chambers, his pleas for international peace, his numerous dedicatory and founders day addresses. A fuller list of these publications is given in Margaret Barclay Wilson's *A Carnegie Anthology*, privately printed in New York, 1915.

A great many articles have been written about Mr. Carnegie, but the chief sources of information are:

ALDERSON (BERNARD). *Andrew Carnegie. The Man and His Work.* New York, 1905.

BERGLUND (ABRAHAM). *The United States Steel Corporation.*
New York, 1907.

CARNEGIE (ANDREW). *How I served My Apprenticeship as a Business Man.* Reprint from *Youth's Companion*. April 23, 1896.

COTTER (ARUNDEL). *Authentic History of the United States Steel Corporation.* New York, 1916.

HUBBARD (ELBERT). *Andrew Carnegie.* New York, 1909.
(Amusing, but inaccurate.)

MACKIE (J. B.). *Andrew Carnegie. His Dunfermline Ties and Benefactions.* Dunfermline, n. d.

Manual of the Public Benefactions of Andrew Carnegie. Published by the Carnegie Endowment for International Peace. Washington, 1919.

- Memorial Addresses on the Life and Work of Andrew Carnegie.* New York, 1920.
- Memorial Service in Honor of Andrew Carnegie on his Birthday, Tuesday, November 25, 1919.* Carnegie Music Hall, Pittsburgh, Pennsylvania.
- Pittencrieff Glen: Its Antiquities, History and Legends.* Dunfermline, 1903.
- POYNTON (JOHN A.). *A Millionaire's Mail Bag.* New York, 1915. (Mr. Poynton was Mr. Carnegie's secretary.)
- PRITCHETT (HENRY S.). *Andrew Carnegie.* Anniversary Address before Carnegie Institute, November 24, 1915.
- SCHWAB (CHARLES M.). *Andrew Carnegie. His Methods with His Men.* Address at Memorial Service, Carnegie Music Hall, Pittsburgh, November 25, 1919.
- WILSON (MARGARET BARCLAY). *A Carnegie Anthology.* Privately printed. New York, 1915.

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