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# INDUSTRIAL EVOLUTION

# INDUSTRIAL EVOLUTION

By N. B. S. GRAS

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*To*  
**N. C. JAMES**  
*Scholar and Friend*

## PREFACE

This little book is a sketch of industrial evolution. Its brevity and lack of completeness are its merits, if it has any. The parts are of unequal value, some being founded upon first-hand materials and observations and some being based upon secondary and well-known sources of information.

My obligations are numerous, many of them being indicated in the notes appended to the chapters. Information has been freely given by Professor J. G. Callan, and two of the chapters have been read by Professor Georges Doriot. My obligations to Professor Edwin F. Gay are very great, particularly in respect to the Industrial Revolution in England. The manuscript has had the advantage of being read throughout by Dr. Henrietta Larson and Dr. Mildred L. Hartsough and in part by Mr. Sterling Popple and Mr. Ralph M. Hower. My secretary, Miss Emily B. Nichols, has given unstinted assistance in the preparation of the copy for the press. My wife has helped at all stages of the work, when time spared her from other duties.

N. S. B. G.

July, 1930

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