A FIRST BOOK IN LOGIC

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A first book in logic by Henry Bradford Smith

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HENRY BRADFORD SMITH

A FIRST BOOK IN LOGIC

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BY
HENRY BRADFORD SMITH

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PREFACE

The recent developments in logical theory following upon the contributions of Boole, Pierce, and Schröder have seemed to place the subject beyond the reach of the average student and even in most instances beyond the reach of the technically equipped philosopher. The result has been to reduce the attention that was formerly given to elementary instruction in logic and to displace the traditional course from its originally dominant position in the university curriculum. The conviction is abroad that the ancient *organon* is so far inferior to the modern instrument perfected by the critical labors of Peano, Frege, Russell, and others, that it no longer deserves the attention once bestowed upon it. These objections the writer has endeavored to meet, in the first instance by introducing no symbols whatever, save the ones employed by traditional logic itself, so that the treatment may be followed by any intelligent reader, and secondly by keeping modern developments always in mind while following the traditional order of treatment. Finally, he has met the recent contention that the classical system does not hold true in all of its parts, by showing in the last chapter of this work that

this view is based upon a misapprehension. In completing the chapters dealing with the theoretical portion of the subject the writer has availed himself of parts of his *Letters on Logic,* which in turn is based upon a brief syllabus which Professor Singer once placed at his disposal, and also of parts of his recently published *Foundations of Formal Logic.*

H. B. S.

TERMS, RELATIONS, PROPOSITIONS