

societies. To each of these classes of students a quarter of this volume is dedicated; perhaps they will correct their partiality by reading the whole.

As to the two Appendixes, I may explain that instead of giving references at the end of each chapter, I have combined these in a connected bibliography; the other Appendix on "Animal Life and Ours" may show how my subject is related to some of the others usually discussed in University Extension Courses.

My friend Mr. Norman Wyld has written the three chapters on "The Powers of Life," pp. 125-166, and I am also indebted to him for helpful suggestions in regard to other parts of the book. I have to thank Mr. Murray, Messrs. Chambers, and Mr. Walter Scott, for many of the illustrations; while several original drawings have been made for me by my friend Mr. William Smith.

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