INTRODUCTION

For a long time botanical science, in the popular mind, consisted chiefly of pulling flowers to pieces and finding their Latin names by the use of the analytical key. All the careful descriptions of the bits of plants in the classic books were viewed solely as conducive accuracy in placing the proper label upon herbarium specimens. Long after the study of botany in the universities become biological rather than purely systematic, the o held sway in us to-day know our secondary schools; and perhaps of high schools still working in the two at of that first ray that pierced primeval darkness. Howe r. this has practically passed away, and to-day life and i roblems, its successes and its failures, absorb the attention of the botanist and zoölogist. The knowledge of the nan fithe dant or animal is simply a convenience for discriming und refer-The systematic relations of a plans or ence. in showing present anatomical affinities and The absorbing themes of investigation a the life processes and the means by which the living in the world to-day have climbed upwar a themselves in the great realm of the "fit."

When the idea of nature study first dawned the ducational world, it was inevitably confused with he sences on which it was based. Hence in earlier times we tried to teach the nature study of plants by making the children pull