

**LIVING PLANTS AND
THEIR PROPERTIES; A
COLLECTION OF ESSAYS**

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Living plants and their properties; a collection of essays by Joseph Charles Arthur & Daniel Trembly MacDougal

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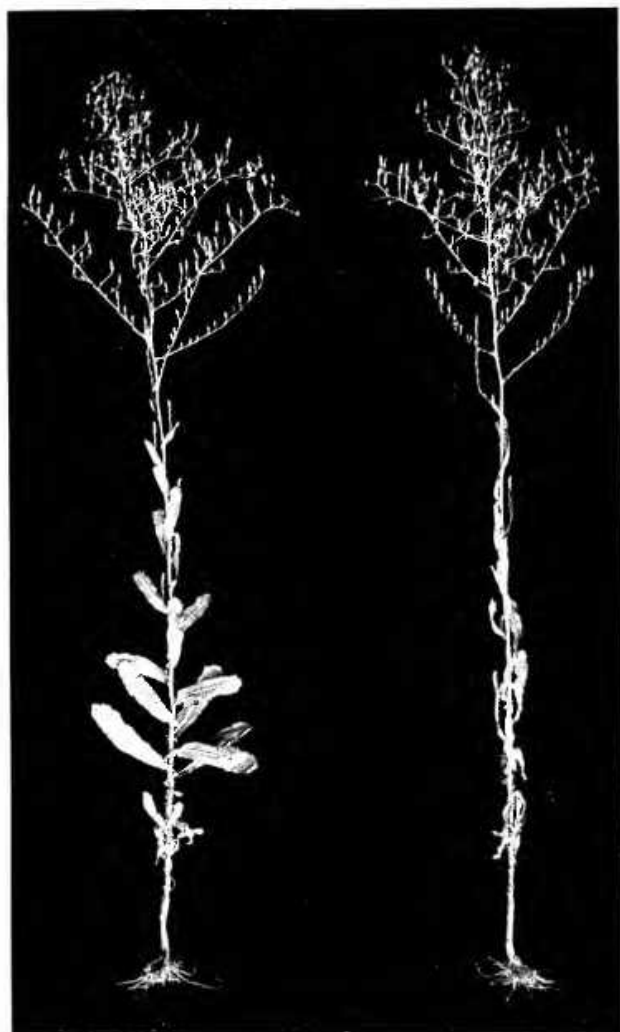
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JOSEPH CHARLES ARTHUR & DANIEL TREMBLY MACDOUGAL

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PLANT OF WILD LETTUCE

The left hand figure as seen from the east, the other figure as seen from the south, showing the compass-like habit of adjusting the leaves in the meridional plane.



LIVING PLANTS AND THEIR
PROPERTIES

A COLLECTION OF ESSAYS

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PREFACE

The essays comprised in this book are selected from popular addresses and articles presented by the authors within the last five years. The unequal conditions of the original preparation have made it necessary to revise and rewrite certain articles in order to meet the requirements of their juxtaposed position. The occasion has been seized to omit portions less relevant in the present connection, and to amplify others to meet the demands of continuity, clearness, and harmony with current botanical thought. The original presentation of each subject is denoted by a foot-note under the title. The authors are separately responsible for the chapters to which their names are signed in the table of contents.

The publication of this volume, it is believed, is justified by the appreciation accorded the essays, upon their first appearance; and it is the hope of the authors that it may stimulate an interest in the phases of botany covered, both among general readers and also among workers in the co-ordinate branches of animal biology.

March, 1898.

THE AUTHORS.

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