

Physiologia Et Pathologia Plantarum

Gentleman's Magazine, Or Monthly Intelligencer
 The Bradley Bibliography: Dendrology, pt.1
 Catalogue of the Library of the Royal Botanic Gardens, Kew
 Elements of Botany
 Plant Pathologist's Pocketbook
 An Outline of the History of Phytopathology
 On the political economy of plant disease epidemics
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 The Bradley Bibliography: Additions and corrections to volumes 1-4. Index of authors and titles. Index of Greek authors and titles. Index of Russian and Servian authors and title. Subject index to volumes 1-5. 1918
 The History of Allelopathy
 Elements of Botany, Or, Outlines of the Natural History of Vegetables
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 Grundzüge der wissenschaftlichen Pflanzenkunde zu Vorlesungen. Elements of the Philosophy of Plants ... By A. P. Decandolle and K. Sprengel. Translated from the German. Consisting of an adaptation by Sprengel of "Théorie élémentaire de la botanique" by de Candolle, with additional sections written by Sprengel
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NIXON DANIELA

Gentleman's Magazine, Or Monthly Intelligencer Springer Science & Business Media

With a claim to be the first work to document in detail the history of allelopathy, Willis's text provides an account of the concept of allelopathy as it has occurred through the course of botanical literature from the earliest recorded writings to the modern era. A great deal of information is presented here in a consolidated and accessible form for the first time. The book offers a unique insight into the historical factors which have influenced the popularity of allelopathy.

The Bradley Bibliography: Dendrology, pt.1 BRILL

The book has 17 chapters dealing with recent developments in physiological and molecular plant pathology: the entry and establishment of pathogen, physiological disorders during the infection, mechanism of multiplication of the pathogens in the host and destabilization of the biochemical machinery of the host. The book deciphers the response and reactions of the host plant at molecular level. The chapter on 'Mechanism of Disease Resistance' explores its genetic basis, providing an insight into the breeding plants for disease resistance. The chapter entitled 'Plant Pathology, Society, Ethics and Environment' deals with all round views of applied plant pathology, issues of food safety and the role of plant pathology, bioterrorism, agroterrorism, biological warfare, etc. Four chapters comprehensively deal on latest molecular research work on: different approaches to unravel the mechanism of plant pathogenesis. The book (perhaps first such contribution) containing comprehensive text may be widely welcomed. Topics dealt in the book are relevant to the PG course content approved by ICAR in Plant Pathology and adopted in all the State Agricultural Universities (SAUs). The book has 'Plant Pathology' as a special paper in Botany and some chapters most relevant to 'Plant Biotechnology'. The book also serves as a good reference and a text book for PG students and research scholars.

Catalogue of the Library of the Royal Botanic Gardens, Kew Springer Science & Business Media

V.1- Doença de planta; v.3- Controle de epidemiologia de doença de planta.

Elements of Botany Univ of California Press

Plant Pathology: An Advanced Treatise, Volume I: The Diseased Plant presents an integrated synthesis of the scope, importance, and history of plant pathology, emphasizing the concept of disease, not of diseases. The book focuses on pathological processes, defense devices, predisposition, and therapy of the

diseased plant. It explores the normal pathways that are obstructed in sick plants; how the pathogen causes dysfunction; and how the host plant reacts to the pathogen. This book also considers the logistics and the strategy of disease and how to combat it. This volume is organized into 15 chapters and begins with an overview of plant pathology, its history, and its relation to other sciences, along with plant predisposition to disease, and the resistance-susceptibility problem. The next chapters examine how sickness in plants is recognized and diagnosed, the tissue breakdown in diseases, and the effects of parasites on the processes in plants. The impact of disease on water balance and respiration in plants and the histology of disease resistance in plants are also explained. This volume also covers the physiological and chemical basis of defense by higher plants against potential or invading pathogens and the hypersensitivity concept in plant pathology. The final chapter discusses the physical and chemical therapy of the diseased plant. This book will appeal to all who are interested in a theoretical treatment of plant pathology and in the broad ecological relationships among organisms, as well as to research workers and advanced students of applied biology.

Plant Pathologist's Pocketbook Scientific Publishers

The book is the result of intensive work of 43 authors, all of them leading scientists in the Botrytis sciences. Each chapter describes a particular aspect of fungal biology and its impact on disease processes and host response. New technologies have arisen that when applied to long-standing problems or to test new hypotheses have been most rewarding and many of these are covered in this book. The chapters are cross linked so that readers can follow associated material.

An Outline of the History of Phytopathology Introduction to the History of Plant Pathology

Provides a concise and straightforward account of the historical development of the diverse and interwoven themes of infectious diseases of plants.

On the political economy of plant disease epidemics Springer Science & Business Media

Food security has been and always will be a human concern. Food security has always been fragile, threatened by a variety of factors including plant disease epidemics. Several plant disease epidemics of the past lead to questions like: What happened? How did people deal with these epidemics? What were the social and political consequences? This volume deals with such questions in six selected chapters. Chapter 1 discusses black stem rust of wheat in antiquity, and how its epidemics were perceived by the ancients. Chapter 2 reconstructs a forgotten epidemic of yellow stripe rust, 1846, on rye, a staple food in

Continental Europe. Chapter 3 describes the epidemics of potato late blight in Continental Europe, 1844-46, that caused the Continental Famine and - in the longer reach - contributed to the European revolutions of 1848. Chapter 4 studies the impact of plant disease on the food situation in the neutral Netherlands during World War I. Chapter 5 looks at belligerent Germany during World War I, ravaged by plant disease. Chapter 6 treats the problem of under-rating and over-estimating the effect of plant diseases on the course of history: the effects of ergot on political events in Russia, 1722, and in France, 1779, of black stem rust on wheat on the Russian Famine, 1932/3, and of rice brown spot on the Bengal Famine, 1943. This publication is of interest to plant pathologists, historians, economists and sociologists, interested in history, and with a focus on food.

Plant Pathology CABI

This essential handbook for student and practicing plant pathologists has been thoroughly reorganized and updated since the publication of the second edition in 1983. The new edition includes: rearrangement of topics to facilitate use; 49 short succinct chapters, each providing valuable practical information; new topics such as landmarks in plant pathology, survey of sampling procedures, disease evaluation, effects of climate change, biochemical and molecular techniques, epidemic modelling, breeding for resistance, laboratory safety and electronic databases; seven overall sections covering disease recognition and evaluation, causation, diagnosis, investigation, control, general techniques, and presentation of results.

The Bradley Bibliography: Additions and corrections to volumes 1-4. Index of authors and titles. Index of Greek authors and titles. Index of Russian and Servian authors and title. Subject index to volumes 1-5. 1918 Cambridge University Press

Allelopathy is a fascinating and perplexing topic that concerns the chemical interactions of plants. It has profound implications in agriculture and forestry where species are grown artificially in mixture, with no evolutionary history of co-existence. The topic of allelopathy is widely credited as commencing in 1937, when the term 'allelopathy' was coined by Molisch. However, the concept of allelopathy has been recorded since Greek and Roman times, became extremely controversial in the first half of the 19th century, and remains so today. This book concerns a virtually unknown treatise by Justus Ludewig von Uslar, published in 1844, which emerges as the first book entirely devoted to the concept of allelopathy. The book provides the historical background to allelopathic knowledge, from antiquity to c. 1840. It also provides for the first time a biography of Justus Ludewig von Uslar, who is best known as the first Consul-General for Hannover in Mexico, and Director of the Mexican Company, a British venture mining

company. In many ways von Uslar epitomises the tradition of the gentleman scientist of the 19th century. The book then offers a full translation into English of von Uslar's rare treatise, which foreshadows many ideas current in allelopathic research.

The History of Allelopathy Elsevier

Introduction to the History of Plant Pathology Cambridge University Press

Elements of Botany, Or, Outlines of the Natural History of Vegetables

"Publications of the staff, scholars and students of the New York Botanical Garden during the year" in vol. 3- 1902- The list for 1901 includes March 1895-Dec.1901.

[Roots of Ecology](#)

Ecology is the centerpiece of many of the most important decisions that face humanity. *Roots of Ecology* documents the deep ancestry of this now enormously important science from the early ideas of Herodotos, Plato, and Pliny, up through those of Linnaeus and Darwin, to those that inspired Ernst Haeckel's mid-nineteenth-century neologism ecology. Based on a long-running series of regularly published columns, this important work gathers a vast literature illustrating the development of ecological and environmental concepts, ideas, and creative thought that has led to our modern view of ecology. *Roots of Ecology* should be on every ecologist's shelf.

Introduction to the History of Plant Pathology

History of Plant Pathology of South East Asia

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