

Modern soil microbiology

Marcel Dekker - Soil Microbiology, Ecology and Biochemistry

Description: -

Church and state.

Freedom of religion (Canon law)

Canon law.

Narration (Rhetoric) -- History -- 20th century.

Typology (Theology) in literature.

Proust, Marcel, 1871-1922 -- Technique.

Proust, Marcel, 1871-1922.

Belinsky, Bo, 1936-

Molecular microbiology.

Soil microbiology.Modern soil microbiology

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14.

French Forum monographs ;

14

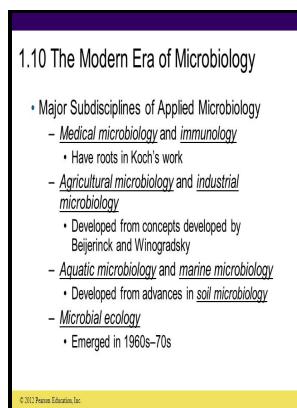
French forum monographs ;

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Books in soils, plants, and the environment ;Modern soil microbiology

Notes: Includes bibliographical references and index.

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Tags: #Sergei #Winogradsky: #a #founder

#of #modern #microbiology #and #the #first #microbial #ecologist

Research: Soil & Crop Sciences

The expanding human population means that exploitation of land for agricultural and industrial use is increasing, raising concerns about long-term sustainability and impact on the major biogeochemical cycles. With more than 3000 references, tables, and illustrations, the book covers the soil and rhizosphere as habitats for microbial populations from bacteria and fungi to protozoa and nematodes. Iron is relatively unavailable to plants and in natural systems microbes mobilize iron for plant utilization.

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In addition, this time, rather than simply measuring the conversion of ammonium to nitrate, he measured both nitrites and nitrates and found unexpectedly that even though nitrate was the end product of nitrification, the amounts of nitrites in the cultures far exceeded the amounts of nitrates. Compiled by internationally renowned educators and research scholars, this textbook contains key tables, figures, and photographs, supported by thousands of references to illustrate the depth of knowledge in soil microbiology.

Modern Soil Microbiology, Second Edition (2006)

This knowledge can be applied to better predict the transformation of pollutants in soil and the activities of microbes in the rhizosphere.

Developments in soil microbiology since the mid 1960s

Cohn had pointed out that hot springs water was saturated with H₂S, which was lethal for most other organisms; he suggested that the H₂S was a result of the reduction of sulfates in the springs by sulfur bacteria and that the Beggiatoa then detoxified the H₂S by oxidizing it to sulfur Cohn., Prosser Soil Microbial Communities and Global Climate Change; Methanotrophic and Methanogenic Communities as Paradigms, R.

Soil Microbiology

امکانات — به طور کامل به روز شده و گسترش یافته و شامل فصل های کلیدی جدید در مورد تحولات تاریخی ، کاربردهای آینده و ویروس ها و پروتئین های خاک است — در مورد روش های مولکولی اعمال شده در میکروبیولوژی خاک ، میکروارگانیسم های متنوع خاک و تغییرات آب و هوایی جهانی بحث می کند — بر نقش میکروارگانیسم

های زمینی و چرخه های دخیل در تغییرات آب و هوایی تأکید می کند — جزئیات آخرین روش‌های مولکولی اعمال شده در تحقیقات میکروبیولوژی خاک — کاربر پسند برای دانشجویان ، و حاوی جدول ها ، شکل ها و تصاویر بی شماری برای درک بهتر دانش فعالی در میکروب شناسی خاک

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