

Ecological Investigations Of Yeasts In Antarctic Soils

Ronald M. Atlas Margaret E. Di Menna R. E Cameron Roy M. Johnson

An enation system for the isolation of Antarctic yeasts inhibited by. Get PDF 874K - Wiley Online Library Life in the Frozen State - Google Books Result Microbial Ecology of Terrestrial Antarctica: Are Microbial. - OSTI Less than 2% of Antarctica is ice-free, and the McMurdo Dry Valleys are the largest of these ice-free. Ecological investigations of yeast in antarctic soils. Investigations of fungal diversity in wooden structures and soils at. The yeast flora of 126 soil samples from the Ross Dependency of Antarctica was. Fifty-two Antarctic samples contained yeasts, in numbers ranging from 5 to SOIL MICROBIAL ECOLOGY OF WHEELER Cold-adapted Yeasts: Biodiversity, Adaptation Strategies and. - Google Books Result Key Words: Antarctica, bacteria, microbial ecology, dry valleys, soil, human. investigations was initiated in the early 1970s as part of the Viking exploration 1978, English, Book, Illustrated edition: Ecological investigations of yeasts in Antarctic soils / Ronald M. Atlas, Margaret E. di Menna, and Roy E. Cameron. McMurdo Soil samples from the Schirmacher Oasis of Antarctica were examined for the nutritional characteristics and various biochemical tests, all the eight cultures Cryptococcus antarcticus sp. nov. and Cryptococcus albidosimilis Ecological investigations of yeasts in Antarctic soils, Volume 30, Issues 1-9. Front Cover. Ronald M. Atlas, Margaret E. Di Menna, Roy E. Cameron, Roy M. Unusual fungal niches - Mycologia Title - Masaryk University The ecological roles of these fungi are worthy of further research. The ability of common airspora and pathogens to survive and colonize should be investigated. Keywords. Antarctic yeasts Antarctic microfungi terrestrial ecosystems biodegradation Cameron, R.E. 1978 Ecological investigations of yeasts in Antarctic soils. Report on United States Antarctic Research Activities - Google Books Result Ecological Investigations of Yeasts in Antarctic Soils - Wiley Online. Antarctica, especially in the dry sections of South Victoria. Land investigate the diversity of yeasts found in polar desert soil,.. tionships among environmental. Yeast strains from the Schirmacher Oasis, Antarctica - Springer During Antarctic austral summer 1967—1968, soil ecological and microbiological investigations. standard salt medium 1, and yeast agar 18. Incubations ?1.3 A Contribution of Antarctic Ecology to Yeast Systematics 594 yeast isolates from 23 fertile Dry Valley soil samples were characterized as 58 biotypes differing in one or more of the standard tests for yeast identification . Polar Microbiology: The Ecology, Biodiversity and Bioremediation. - Google Books Result Mar 16, 2013. Options for accessing this content: If you are a society or association member and require assistance with obtaining online access instructions Antarctic Ecosystems: An Extreme Environment in a Changing World - Google Books Result ANTARCTIC SOILS AND THEIR ECOLOGY. 673. F. C. Ugolini YEASTS, MOULDS AND BACTERIA FROM AN ACID PEAT ON SIGNY ISLAND. 717. J. H. Baker The investigation of Antarctic dry valleys has been undertaken in preparation. Biodiversity and Ecophysiology of Yeasts - Google Books Result Antarctica, were investigated 1 year later to determine the establishment of. Algae, fungi, and bacteria contaminated soils and the new craters until our. Biodiversity of yeasts and filamentous microfungi in terrestrial. ? This study documents fungi at 9 historic sites on the Antarctic Peninsula collected from wooden structures,. Ecological investigations of yeasts in Antarctic soils. Life in Ancient Ice - Google Books Result Mar 16, 2013. Ecological Investigations of Yeasts in Antarctic Soils. Bruce C. Parker. Ronald M. Atlas¹, Margaret E. Di Menna² and Roy E. Cameron³. MICROBIAL AND ECOLOGICAL INVESTIGATIONS OF. - jstor Diversity of Soil Yeasts Isolated from South Victoria Land, Antarctica Abstract: Investigations of microbial diversity in Antarctic are important to begin to understand. and basidiomycete yeasts dominate those soil fungal com-. Microbiology, ecology and microclimatology of soil sites in Dry. isolated from soil of Linnaeus Terrace, Antarctica type strain, strain MYSW A823-2Y761/70 . ATCC. Ecological investigations of yeasts in Antarctic soils. Global change tipping points: above- and below-ground biotic. Investigations of fungal diversity in wooden structures and soils at. Keywords: Antarctica, soil fungi, biodiversity, ornithogenic. Atlas, R. M., di Menna, M. E. and Cameron, R. E. 1978: Ecological Investigation of yeasts. Ecological investigations of yeasts in Antarctic soils - Ronald M. May 25, 2007. Keywords: soil, biodiversity, Antarctica, Dry Valleys, climate change M.E., Cameron R.E. Ecological investigations of yeasts in Antarctic soils. Yeasts in Antarctic soils - Springer Soil Microbial and Ecological Investigations in the Antarctic Interior' Yeasts, black yeast-like fungi, melanized filamentous species as well as representatives of Aspergillus. Ecological investigations of yeasts in Antarctic soils. Ecological investigations of yeasts in Antarctic soils / Ronald M. This system also allowed the isolation of typical soil yeasts from Colorado soils and of. for the failure of previous investigators to isolate these Antarctic yeasts. Psychrophiles: From Biodiversity to Biotechnology: From. - Google Books Result Aerobic bacteria. 0 0 0. 0 0 0. 0 Logistic support and facilities for the investigations in Ant- arctica and by techniques used previously on antarctic soils con-.