

microbial ecology of aerial pdf

In biology and ecology, abiotic components or abiotic factors are non-living chemical and physical parts of the environment that affect living organisms and the functioning of ecosystems. Abiotic factors and the phenomena associated with them underpin all biology. Abiotic components include physical conditions and non-living resources that affect living organisms in terms of growth, maintenance ...

Abiotic component - Wikipedia

Microbial Diversity. Metagenomic analyses of the DNA pool from topsoils revealed a high bacterial diversity at CS (nonpareil diversity index of $21.2 \hat{A}\pm 0.5$), similar to sandy soils, but considerably higher compared with the drier areas of YU and ME (nonpareil indexes of $19.5 \hat{A}\pm 0.6$ and $18.9 \hat{A}\pm 0.1$, respectively; SI Appendix, Fig. S4A). Phylogenetic profiles (SI Appendix, Fig. S4B) indicate that ...

Transitory microbial habitat in the hyperarid Atacama

Commensalism is a long-term biological interaction in which members of one species gain benefits while those of the other species neither benefit nor are harmed. This is in contrast with mutualism, in which both organisms benefit from each other, amensalism, where one is harmed while the other is unaffected, and parasitism, where one benefits while the other is harmed.

Commensalism - Wikipedia

Diversity, Volume 10, Issue 1 (March 2018) . Issues are regarded as officially published after their release is announced to the table of contents alert mailing list.; You may sign up for e-mail alerts to receive table of contents of newly released issues.; PDF is the official format for papers published in both, html and pdf forms.

Diversity | March 2018 - Browse Articles

A composite image of the planet Venus as seen by the Japanese probe Akatsuki. The clouds of Venus could have environmental conditions conducive to microbial life. Credit: Japan Aerospace ...

Is there life adrift in the clouds of Venus? - phys.org

The development and use of entomopathogens as classical, conservation and augmentative biological control agents have included a number of successes and some setbacks in the past

Insect pathogens as biological control agents: Back to the

Webinars and Presentations. The Great Lakes Phragmites Collaborative webinar series focuses on non-native Phragmites in the Great Lakes basin to encourage dialogue and technology transfer throughout the region. This series includes topics such as: current research on non-native Phragmites control, management techniques and case studies, monitoring and assessment protocols, mapping and tracking ...

Webinars | Great Lakes Phragmites Collaborative

Scattered literature is harnessed to critically review the possible sources, chemistry, potential biohazards and best available remedial strategies for a number of heavy metals (lead, chromium, arsenic, zinc, cadmium, copper, mercury and nickel) commonly found in contaminated soils. The principles, advantages and disadvantages of immobilization, soil washing and phytoremediation techniques ...

Heavy Metals in Contaminated Soils: A Review of Sources

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Summary of Invasiveness Top of page. *D. rostriformis bugensis* is a bivalve mollusc originating from the estuarine region of the rivers Dnieper and Southern Bug. The expansion of its range in Europe began only after 1940 and likely was associated with construction of interbasin canals and creation of impoundments along the large European rivers (see Orlova et al., 2005).

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