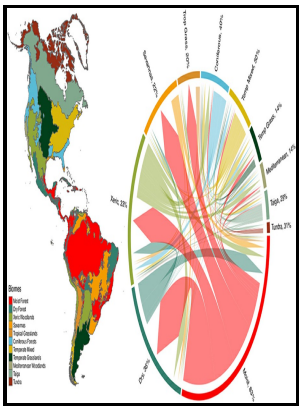
Botany - a functional approach

Macmillan - Botany: A Functional Approach by Muller, W H



Description: -
-
Nuremberg (Germany) -- Commerce.
Art -- Germany -- Nuremberg.
Glassware -- Collectors and collecting.
Glass manufacture -- Maine -- Portland.
Portland Glass Company, Portland, Me.
BotanyBotany - a functional approach
-Botany - a functional approach
Notes: Includes bibliographies.
This edition was published in 1974

Filesize: 52.410 MB

Tags: #Botany: #A #Functional #Approach #by #Muller, #W #H

Botany: A Functional Approach by Muller, W H

However, if invasive species are only able to maintain high fitness under specific environmental conditions, their impacts may be more spatially or temporally limited.

Botany: A Functional Approach by Muller, W H

Additionally, most conceptual frameworks for biological invasions currently are based on limited supporting evidence, and many are focused solely on population interactions or community ecology, excluding the consideration of processes occurring at multiple ecological scales. An understanding of which traits lead to the different types and levels of impact is at the heart of prioritizing invasive species for control and management. In this review, we address the potential importance of plant functional traits across scales of ecological organization, across phases of invasion and impact, and within a restoration and management context.

Botany: A Functional Approach by Muller, W H

We then discuss functional traits at the level of the individual, delineating between different types of functional traits and assessment of their relative impacts on species performance and species effects in a system. FLEXIBLE TRAITS: THE ROLE OF PHENOTYPIC PLASTICITY Phenotypic plasticity is the ability of a particular genotype to express a range of phenotypes across different environments , which may be adaptive ; ;.

functional trait perspective on plant invasion

Additionally, traits that are advantageous in resource-rich environments e. Continued development of this approach and assessment of how traits yield impact across multiple-scales is critical as environmental change forces managers to deal with shifts in species ranges and plant assembly in novel ecosystems. We then discuss the difficulties in defining invader impacts on communities and ecosystems and suggest a functional trait framework for assessing per capita effects as well as traits affecting population growth that together may help predict ecological impact.

Botany: A Functional Approach by Muller, W H

Spine may show signs of wear. N fixation, phenology, life history. Thus, traits of juvenile and adult plants such as SLA and the degree to which these traits determine impact can play a smaller role than traits that directly influenced demography and recruitment.

Botany; a Functional Approach [By] Walter H. Muller. Selected Illus. By...

Because we are specifically interested in characterizing response to novel and changing environments, for our purposes, functional plant traits are the readily measurable morphological, chemical, physiological and phenological attributes of plants that interact with surrounding biotic and abiotic factors.

Related Books

- Creative book of kites.
- Merchants almanack - or, the travelers guide, being a description, of the high-ways of the Kingdoms,
- Reine du directoire - la belle Tallien.
- Tenants rights - a guide for Washington State
- Recent trends in thermoelectric materials research II