Epiphyte Diversity And Biomass Loads Of Canopy Emergent

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Epiphyte diversity and biomass in the ... - Cambridge Core

numerous aroids and ferns, and the local diversity of bryophytes and lichens may even surpass the diversity of vascular plants (Ko"hler et al., 2007). Currently, quan-titative information about epiphyte community compos-ition or biomass in this forest or about their functional roles in the forest ecosystem is entirely lacking.

Épiphyte — Wikipédia

An epiphyte is an organism that grows on the surface of a plant and derives its moisture and nutrients from the air, rain, water (in marine environments) or from debris accumulating around it. Epiphytes take part in nutrient cycles and add to both the diversity and biomass of the ecosystem in which they occur, like any other organism.

Grazer diversity effects in an eelgrass-epiphyte ...

(2000). Epiphyte diversity and biomass in the canopy of lowland and montane forests in Ecuador. (2010). Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component. (2002). Epiphyte host preferences and host traits: Mechanisms for species-specific interactions. (2001).

Species Richness and Biomass of Epiphytic Vegetation in a ...

Epiphyte diversity as well as distribution and composition of epiphytic biomass was investigated in two lowland and two montane rain forests in Ecuador. Species numbers of epiphytes per tree were slightly higher in the montane (22–41 in Los Cedros, 33–54 in Otonga) than in the lowland forests (9–43 in Yasuni, 19–32 in Tiputini), however differences were not significant.

Epiphyte Diversity and Biomass in the Canopy of Lowland ...

In tropical montane forests epiphytes represent a substantial proportion of biodiversity and green biomass, particularly where fog occurs almost daily. Epiphyte...

(PDF) Epiphyte diversity and biomass loads of canopy ...

Epiphyte loads per tree ranged between 134 and 144 kg dry mass, with 60-70% water. The hemiepiphytic tree R. laetevirens added between 1 and 2.6 t of dry mass to each host tree. A main component of epiphyte biomass, making 70% of the weight, was detritus and roots, while leaves,

stems, and fronds made up the remaining 30%.

Epiphyte diversity and biomass loads of canopy emergent ...

Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component Article (PDF Available) in Forest Ecology and Management 259(8 ...

Epiphyte Diversity And Biomass Loads

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(PDF) Epiphyte diversity and biomass loads of canopy ...

Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component lva´nA.Dı´aza ,b c*, Kathryn E. Sievingb, Maurice E. Pen˜a-Foxonc, Juan Larraı´nd, Juan J. Armesto e a Instituto de Silvicultura, Facultad de Ciencias Forestales y Recursos Naturales, Universidad Austral de Chile, P.O. Box 567, Valdivia, Chile

Epiphyte - Wikipedia

Epiphyte Records. San Francisco, California. An epiphyte is an organism that grows on the surface of a plant and derives its moisture and nutrients from the air, rain, and water around it. Epiphytes add to both the diversity and biomass of the ecosystem in which they occur. Epiphyte Records functions as a part of the Pyramind Music Production Academy ecosystem.

Epiphyte diversity and biomass in the canopy of lowland ...

Epiphyte diversity and biomass 677 Whitney U-test was performed to test for differences in epiphyte species number, cover and biomass. Spearman's rank correlation coefficient was calculated to test the relationships between epiphyte diversity and biomass. RESULTS Epiphyte diversity The number of epiphytes per tree varied between 33-54 species ...

Epiphyte diversity and biomass loads of canopy ... - DeepDyve

We document for the first time the epiphytic composition and biomass of canopy emergent trees from temperate, old-growth coastal rainforests of Chile (42°30′S). Through tree-climbing techniques, we accessed the crown of two large (c. 1m trunk

Epiphyte diversity and biomass loads of canopy emergent ...

Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component

Epiphyte diversity and biomass loads of canopy emergent ...

Read "Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component, Forest Ecology and Management" on DeepDyve, the largest online rental service for scholarly research with thousands of academic publications available at your fingertips.

WikiZero - Épiphyte

Aim In tropical rain forests, epiphytes can contribute significantly to species diversity and biomass, a feature not generally associated with temperate forest systems. This study investigates epiphyte-liane diversity and biomass on three host trees (two Dacrycarpus dacrydioides [Podocarpaceae] and one Nothofagus menziesii [Fagaceae]).

Pittosporum kirkii: Autecology of an endemic shrub epiphyte

EPIPHYTE COMPOSITION AND BIOMASS.-Epiphyte mat standing crop was assessed on individuals of Clusia alata, a common dominant tree which routinely carries heavy epiphyte loads. Destructive sampling was not possible within the borders of the Reserve, so epiphyte distribution and abundance were calculated by indirect means. The

Artists | Epiphyte Records

Besides the epiphyte diversity the epiphytic biomass also changes with alti-tude in tropical regions (Wolf 1993), but only very few comparative studies had been made.

Distribution, Abundance and Biomass of Epiphyte-Lianoid ...

After 1 week, consumer richness enhanced the grazing impact on epiphyte biomass relative to single consumer treatments and a positive effect of consumer richness on prey diversity was found. Moreover, strong effects of consumer species identity on taxonomic composition were found in both microalgal assemblages.

Species Richness and Biomass of Epiphytic Volume 10: 1-17 ...

↑ Iván A. Díaz, Kathryn E. Sieving, Maurice E. Peña-Foxon, Juan Larraín, Juan J. Armesto (2010), Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component; Forest Ecology and Management, Volume 259, Issue 8, 31 March 2010, Pages 1490-1501

(PDF) Epiphyte diversity and biomass loads of canopy ...

Site spécialisé sur les Cactées épiphytes; Bibliographie (en) Victor Johansson, Tord Snäll, Thomas Ranius. (2012) Estimates of connectivity reveal non-equilibrium epiphyte occurrence patterns almost 180 years after habitat decline. Oecologia, en ligne: 30-Oct-2012. (en) Christopher J. Ellis

(2012), Lichen epiphyte diversity: A species, community and trait-based Perspectives in Plant ...