

Ecuador Forest Plots Database

Jürgen Homeier

Abstract: The Ecuador Forest Plots Database (GIVD ID SA-EC-001) contains permanent plot data (tree species composition and environmental data) from different ecoregions in Ecuador (i.e. from tropical lowland to upper montane forests, tropical dry forest). The permanent plots have been established to study forest structure and tree species composition along environmental gradients.

Keywords: forest type; tree species composition.

GIVD Database ID: SA-EC-001		Last update: 2012-05-11	
Ecuador Forest Plots Database			
Scope: The database contains permanent plot data (tree species composition and environmental data) from different ecoregions in Ecuador (i.e. from tropical lowland to upper montane forests, tropical dry forest) from S and NE Ecuador.			
Status: ongoing capture		Period: 2000-2010	
Database manager(s): Jürgen Homeier (jhomeie@gwdg.de)			
Owner: Juergen Homeier			
Web address: [NA]			
Availability: according to a specific agreement		Online upload: no	Online search: no
Database format(s): 4th Dimension		Export format(s): Excel, CSV file, plain text file	
Publication: [NA]			
Plot type(s): normal plots		Plot-size range: 400-400 m ²	
Non-overlapping plots: 230	Estimate of existing plots: [NA]	Completeness: [NA]	
Total plot observations: 230	Number of sources: [NA]	Valid taxa: 1,000	
Countries: EC: 100.0%			
Forest: 100% — Non-forest: aquatic: 0%; semi-aquatic: 0%; arctic-alpine: 0%; natural: 0%; semi-natural: 0%; anthropogenic: 0%			
Guilds: all vascular plants: 10%; only trees and shrubs: 90%			
Environmental data: altitude: 100%; slope aspect: 95%; slope inclination: 95%; soil pH: 95%			
Performance measure(s): number of individuals: 100%; measurements like diameter or height of trees: 100%; biomass: 50%			
Geographic localisation: GPS coordinates (precision 25 m or less): 95%; point coordinates less precise than GPS, up to 1 km: 5%			
Sampling periods: 2000-2009: 90.0%; 2010-2019: 10.0%			
<i>Information as of 2012-07-12; further details and future updates available from http://www.givd.info/ID/SA-EC-001</i>			

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