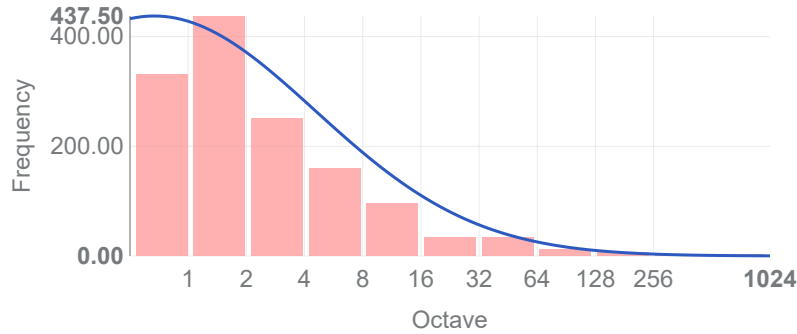


# Diversity Measures Result - DS-GMPJA

## Alpha Diversity for All Data (1361 Observed Units - Barcode Cluster (BIN))

### Preston



Est. Species: 2785 (Log Normal - Mode: -0.58, Stdev: 2.79, Veiled: 1424).

### Alpha Indices

●	Fisher's Alpha Index	446.28
●	Chao-1 Index	2389.74
●	Simpson Index of Diversity (1-D)	0.989
●	Shannon Index	5.77

Alpha Diversity per Site	Site Summary	Data
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### Map of Sites or Clusters





1: null

### Analysis description



Alpha Diversity and Beta Diversity are used to (1) characterize the numbers of species based on their observed counts, and (2) estimate the total number of species as a function of unique observations and sample size. Alpha Diversity describes the *intrasite* diversity, and Beta Diversity describes the *intersite* diversity.

**Diversity Quantities Computed:** Alpha diversity  
**Number of Sites:** 1

**Features:** Barcode Cluster (BIN), Site Code (2)

**Group By:** Geography: GPS

**Minimum Group Size:** 100

**Filters Applied:** Records with BINs

Filter Summary

Data Summary ➤

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