

We present our results in the form of a diagram showing the relationship between the number of species and the area sampled. This diagram illustrates the following points:
1. The number of species increases with the area sampled.
2. The rate of increase in the number of species slows down as more area is sampled.
3. The relationship is non-linear, showing a rapid initial increase followed by a more gradual increase.
4. The relationship is bounded by two asymptotes, representing the maximum number of species that can be expected to be found in a given area.
5. The relationship is influenced by various factors such as habitat type, climate, and geological history.
6. The relationship is used to predict the number of species in a given area based on the area sampled.

ANNUAL FESTIVAL AND TO THE PUBLIC GENERALLY, ON THE OCCASION OF THEIR OF MONTREAL, THE MECHANICS' INSTITUTE OF THE GOALS OF THE ADDRESS