

Biodiversity of Bead Species within a Small Container Ecosystem

The different types of beads are going to represent different species of organisms living within the small container. Separate them into piles of like beads and count their entire population. Use the chart below to keep track of your bead populations. You may not need all the rows, you may need to add a row or two.

Biodiversity of Bead Species within a Small Container Ecosystem		
Type of Bead	Sketch of the type of bead for reference	Population
1.		
2.		
3.		
4.		
5.		
6.		
7.		

Calculate the species richness (R), Shannon-Weiner (H), and Simpson (D) Index of Biodiversity for each of the following communities.

Complete the [google sheet](#) with your data