

Chapter 23

Animal Diversity I: Invertebrates

23.1 What Are the Key Features of Animals?

- Animals possess all of the following characteristics
 - Multi-cellular
 - No cell wall
 - Obtain energy by consuming other organisms
 - Most reproduce sexually
 - They are motile at some point in the life cycle
 - They are able to respond rapidly to external stimuli

23.2 Which Anatomical Features Mark Branch Points on the Animal Evolutionary Tree?

- Include:
 - The appearance of tissues
 - The appearance of body symmetry