

CEPHALIZATION

Meaning: Cephalization is the evolutionary trend in which sensory organs and nervous tissue become concentrated at one end of an organism's body, often leading to enhanced behavioral complexity.

1. Cephalization is a key characteristic of many organisms, indicating a concentration of sensory organs at one end of the body.
2. The evolution of cephalization has allowed for more complex behaviors in various animal species.
3. In cephalization, the development of a head region often correlates with increased mobility and predatory capabilities.
4. Scientists study the patterns of cephalization to better understand the evolutionary history of different animal lineages.
5. The degree of cephalization can vary widely among species, from simple invertebrates to complex vertebrates.
6. Cephalization plays a crucial role in the nervous system organization of many higher animals.
7. An examination of cephalization reveals significant insights into the adaptive strategies of various species.
8. In some aquatic animals, cephalization enhances their ability to navigate and respond to their environment.
9. The concept of cephalization has implications for understanding the development of intelligence in animals.
10. Many textbooks on biology include discussions about cephalization and its evolutionary significance.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/cephalization>