

1. The following description is an example of _____ relationship.

There is a close association between termites and their intestinal population of cellulose digesting flagellates. In exchange for digesting the cellulose for the termite, allowing it to utilize the fermentation products, the flagellate is provided with a stable environment with low oxygen tension (obligate anaerobes). A similar association exists between the ciliates of ungulates.

2. The following description is an example of _____ symbiotic relationship.

The Remora fish (Echeneidea) is a long slender fish which has its dorsal fin modified as a sucker-like attachment organ. It attaches to the sides of larger fish and turtles using them as transport hosts but in addition, obtains food fragments dropped from the host.

3. The following description is an example of _____ symbiotic relationship.

A tick burrows into a cow's skin to suck blood.