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- 1a. organism with two or four functional legs . . . go to 2
 - 1b. organism without two or four legs go to 3

 - 2a. organism without wings *Canis familiaris* dog
 - 2b. organism with wings *Passer domesticus* house sparrow
 - 3a. organism is unicellular go to 4
 - 3b. organism is multicellular go to 5

 - 4a. organism swims freely in water *Balanidium* sp. balantidium .
 - 4b. organism anchored to substrate *Stentor* sp. stentor
 - 5a. organism is heterotrophic go to 6
 - 5b. organism is autotrophic go to 7

 - 6a. organism lives in oceans *Monodon monoceros* narwhal
 - 6b. organism lives on land *Ophiophagus hannah* king cobra

 - 7a. organism is a tree *Pinus ponderosa* ponderosa pine
 - 7b. organism is an herb *Taraxicum officinale* dandelion