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A. Species as category vs. Species as concept vs. species as entities

\*-Vast and somewhat confusing literature.\*

"If we accept the assumption of most systematists and evolutionists that species are real things in nature, and if the sets of species specified by different concepts do not overlap, then it is reasonable to conclude that real entities of the world are being confused."

Cracraft, 2000

## III. Species concepts A. Species as category vs. Species as concept vs. species as entities \*-Vast and somewhat confusing literature.\* "The problem is that no single definition of the species category has proved optimal for all of its different uses. Consequently, although one definition or class of definitions has often come to be favored for a certain period of time or by a certain group of biologists, none of them has enjoyed universal endorsement within biology as a whole. This situation has come to be known as 'the species problem'." de Queiroz, 1998

















