**Question 4.** What is the unique identifier (TaxID) for the house mouse at NCBI Taxonomy database. `10090` ✓ (an integer, no spaces, no comas, nothing other than numerical characters)

¿What is the total number of records for this taxon at the nucleotide database to this day? `10498343` ✗ (an integer, no spaces, no comas, nothing other than numerical characters)

CORRECT: 11105398

¿How many eukaryotic species (with formal names) are there currently in the taxonomy database `526110` ✓ (an integer)

**Tips**:

- Last question requires an independent study of new field based search strategies for this database. See Taxonomy help at NCBI and Frequently Asked Questions. (I'm asking only for species, not order, genus. Please check [SubTree] , [Rank] ,  [prop])

The txid=10088 is for mice, genus *Mus*, but for the species "the house mouse" (*Mus musculus*) it is 10090.

A search in the nucleotide database with txid10090[porgn] finds all records for this species. [porgn] is important to select sequences really belonging to this organism. I have accepted a search txid10090[orgn] with 75%.

To see how many eukaryotic species there are, go to the taxonomy home page and click on **Statistics**. Or type in taxonomy database:

Eukaryota[SubTree] AND species[Rank] AND specified[prop]
Please read the first question & answer in the FAQ: https://www.ncbi.nlm.nih.gov/books/NBK54428/

That means all eukaryotic taxa in taxonomy database at the species level. "specified[prop]" helps to restrict the output of this list to species with formal Linnaean binomial names. Then, avoiding "uncultures" organisms derived from metagenomic projects or organisms named as *genus sp.*

**The option (Eukaryota[SubTree] AND species[Rank]) was rated with 75% of the final qualification and (Eukaryota[SubTree]) with 50%.**

If you type only Eukaryota[SubTree] your looking for all taxa below the superkingdom Eukaryota (species, families, genus, etc.).