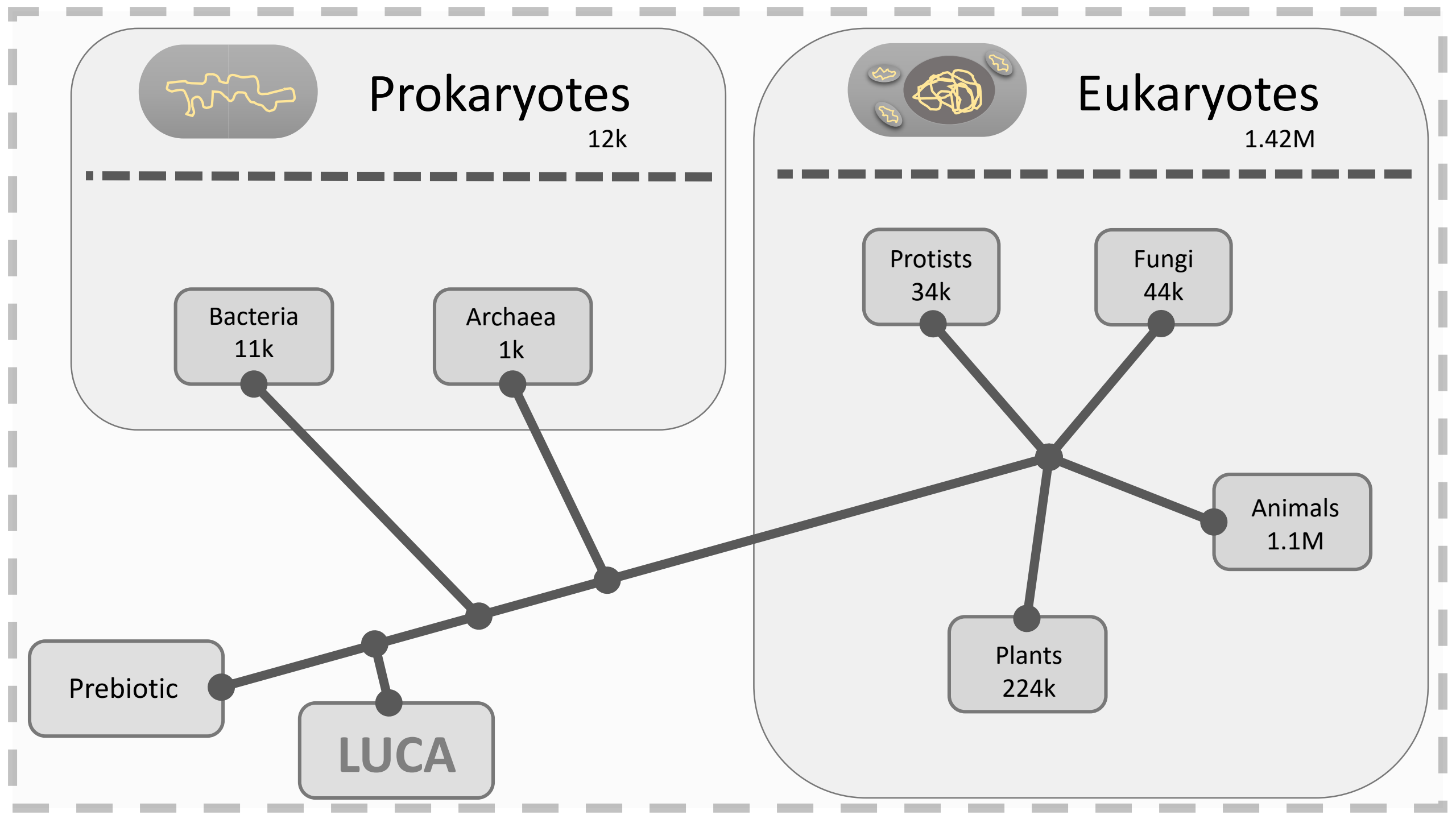
Prokaryotes
12k
Eukaryotes
1.42M
Bacteria
11k
Archaea
1k
Protists
34k
Fungi
44k
Animals
1.1M
Plants
224k
Prebiotic
LUCA

The tree of life - basic diagram

The tree of life - basic diagram. The prebiotic period shown on the bottom-left represents the formation of primordial chemical molecules necessary for the ignition of life. Next, the diagram indicates the appearance of LUCA (Last Universal Common Ancestor), the first “rudimentary” form of life. The first prokaryotes appear later based on the evolution of LUCA, namely bacteria and archaea. Eukaryotes appear next in the evolutionary chain. Eukaryotes divide the tree of life into four other main subdivisions (eukaryotic kingdoms), namely: protists, fungi, animals and plants. Note that the approximate number of known species is presented for each subdivision.