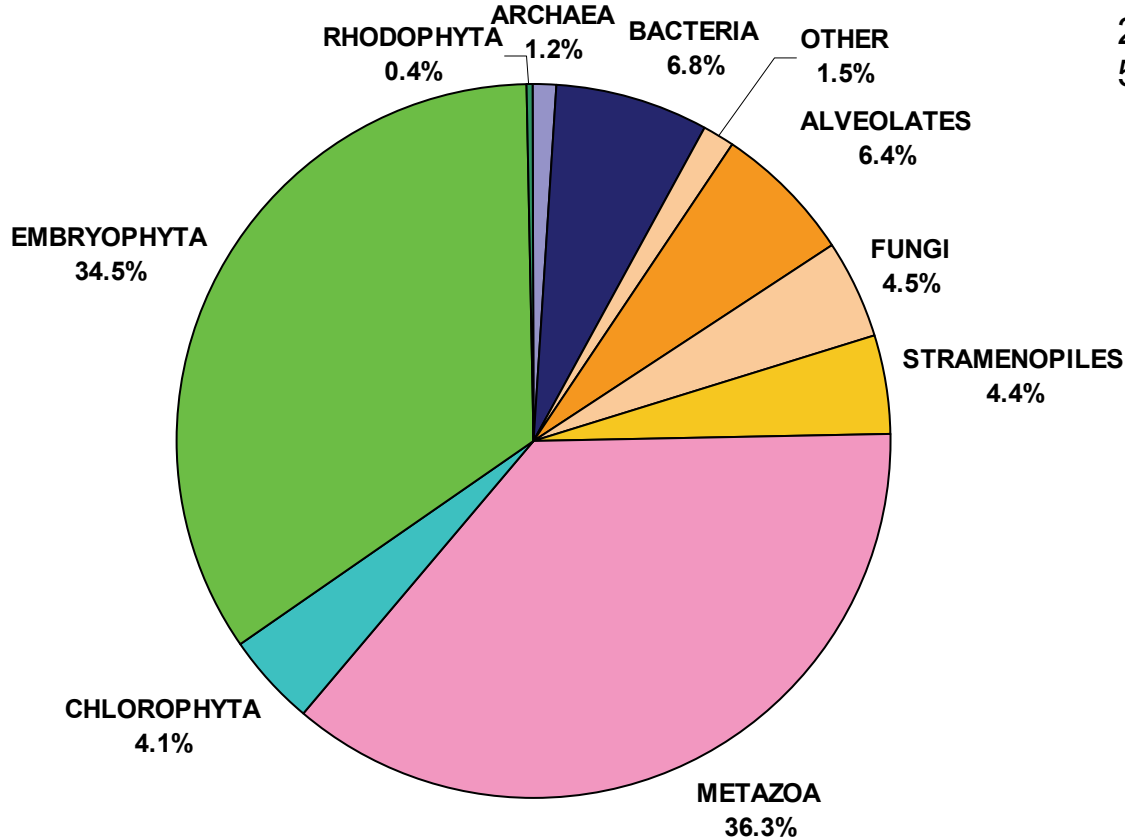


Dataset 1

a) Protein representatives



b) Species representatives

9 Archaea

24 Eubacteria

51 Eukaryotes



16 Viridiplantae

5 Zygnematales

11 Embryophytes

1 Bryophyta

1 Lycopodiopsida

9 Spermatopsida

1 Rhodophyta

17 Metazoa

15 Bilateria

11 Deuterostomia

2 Arthropoda

2 Nematoda

1 Cnidaria

1 Placozoa

6 Fungi

1 Amoebozoa

5 Alveolates

4 Stramenopiles

1 Fornicata