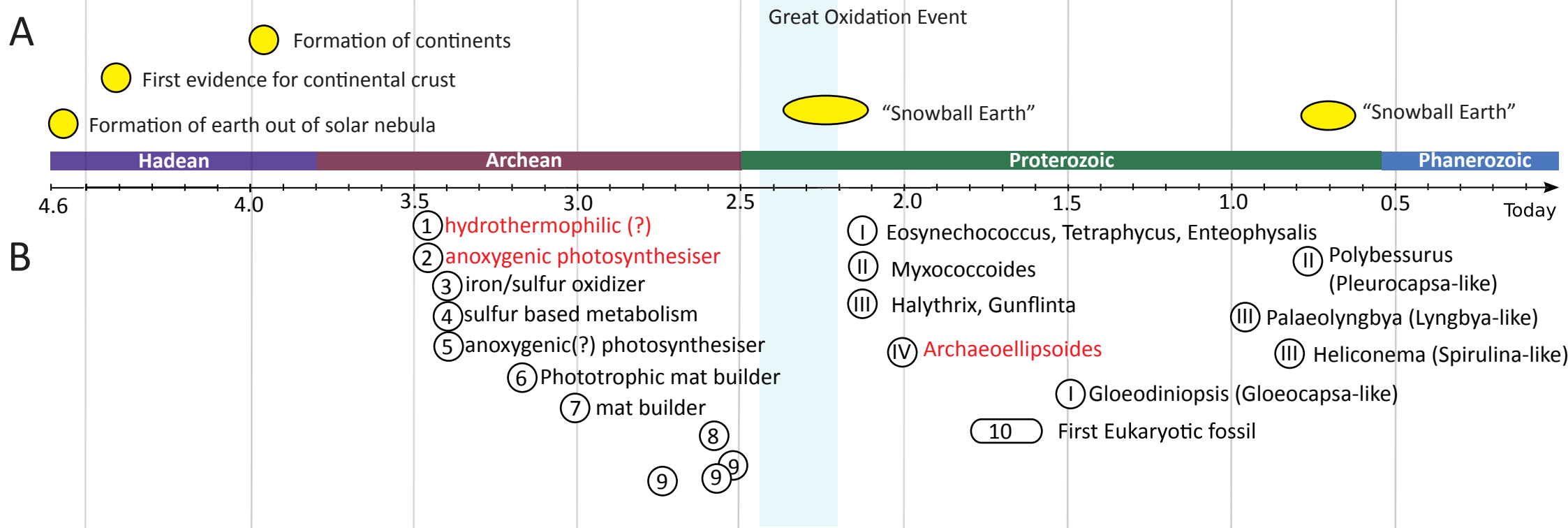
A
Great Oxidation Event
Formation of continents
First evidence for continental crust
Formation of earth out of solar nebula
"Snowball Earth"
"Snowball Earth"
Hadean
Archean
Proterozoic
Phanerozoic
4.6
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
Today
B
1 hydrothermophilic (?)
2 anoxygenic photosynthesiser
3 iron/sulfur oxidizer
4 sulfur based metabolism
5 anoxygenic(?) photosynthesiser
6 Phototrophic mat builder
7 mat builder
8
9
9
9
I Eosynechococcus, Tetraphycus, Enteophysalis
II Myxococcoides
III Halythrix, Gunflinta
IV Archaeoellipsoides
I Gloeodiniopsis (Gloeocapsa-like)
10 First Eukaryotic fossil
II Polybessurus (Pleurocapsa-like)
III Palaeolyngbya (Lyngbya-like)
III Heliconema (Spirulina-like)