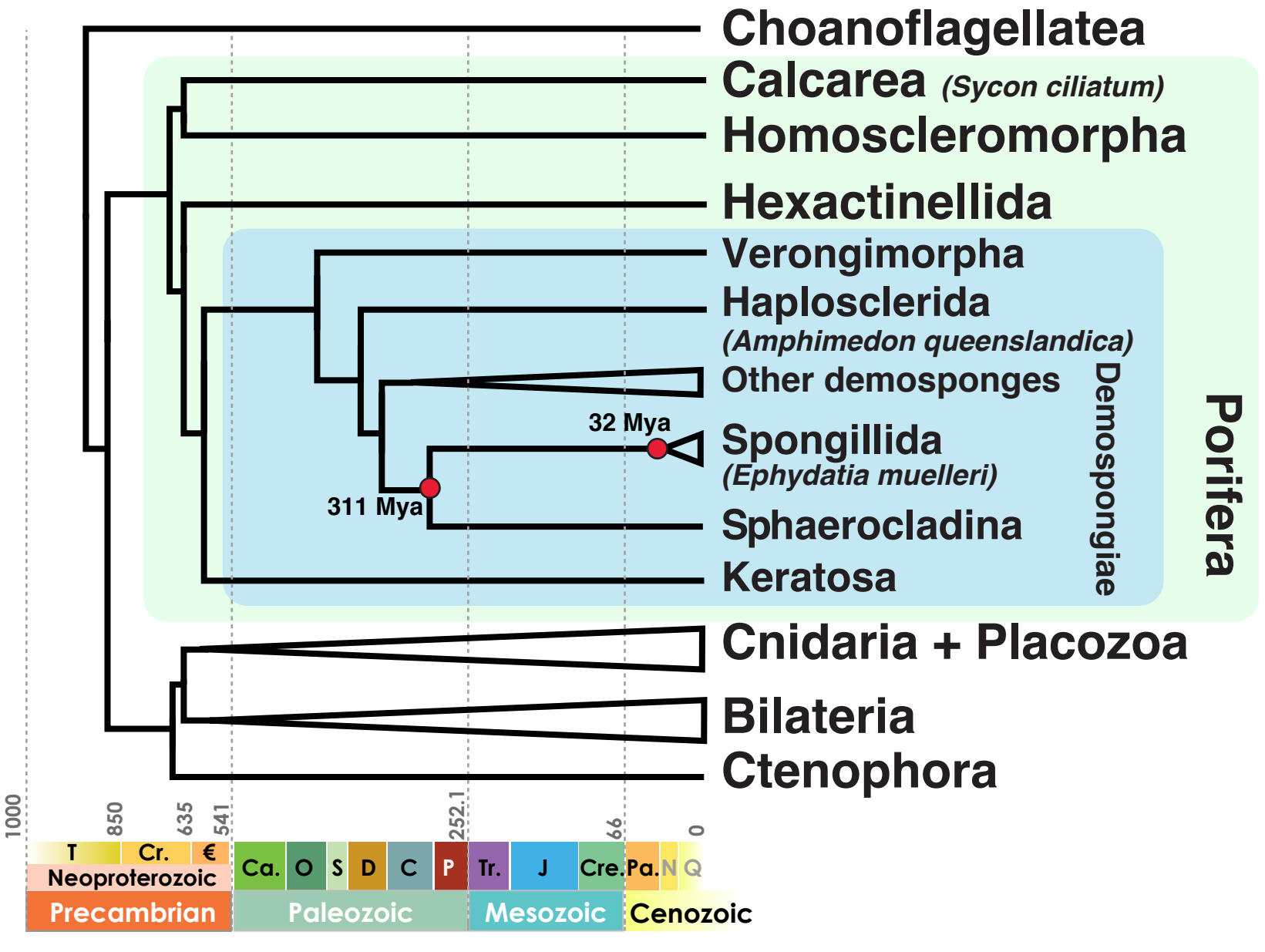
Choanoflagellatea
Calcarea (Sycon ciliatum)
Homoscleromorpha
Hexactinellida
Verongimorpha
Haplosclerida
(Amphimedon queenslandica)
Other demosponges
32 Mya
Spongillida
(Ephydatia muelleri)
311 Mya
Sphaerocladina
Keratosa
Demospongiae
Porifera
Cnidaria + Placozoa
Bilateria
Ctenophora
1000
850
635
541
252.1
66
0
T
Cr.
€
Ca.
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S
D
C
P
Tr.
J
Cre.
Pa.
N
Q
Neoproterozoic
Precambrian
Paleozoic
Mesozoic
Cenozoic