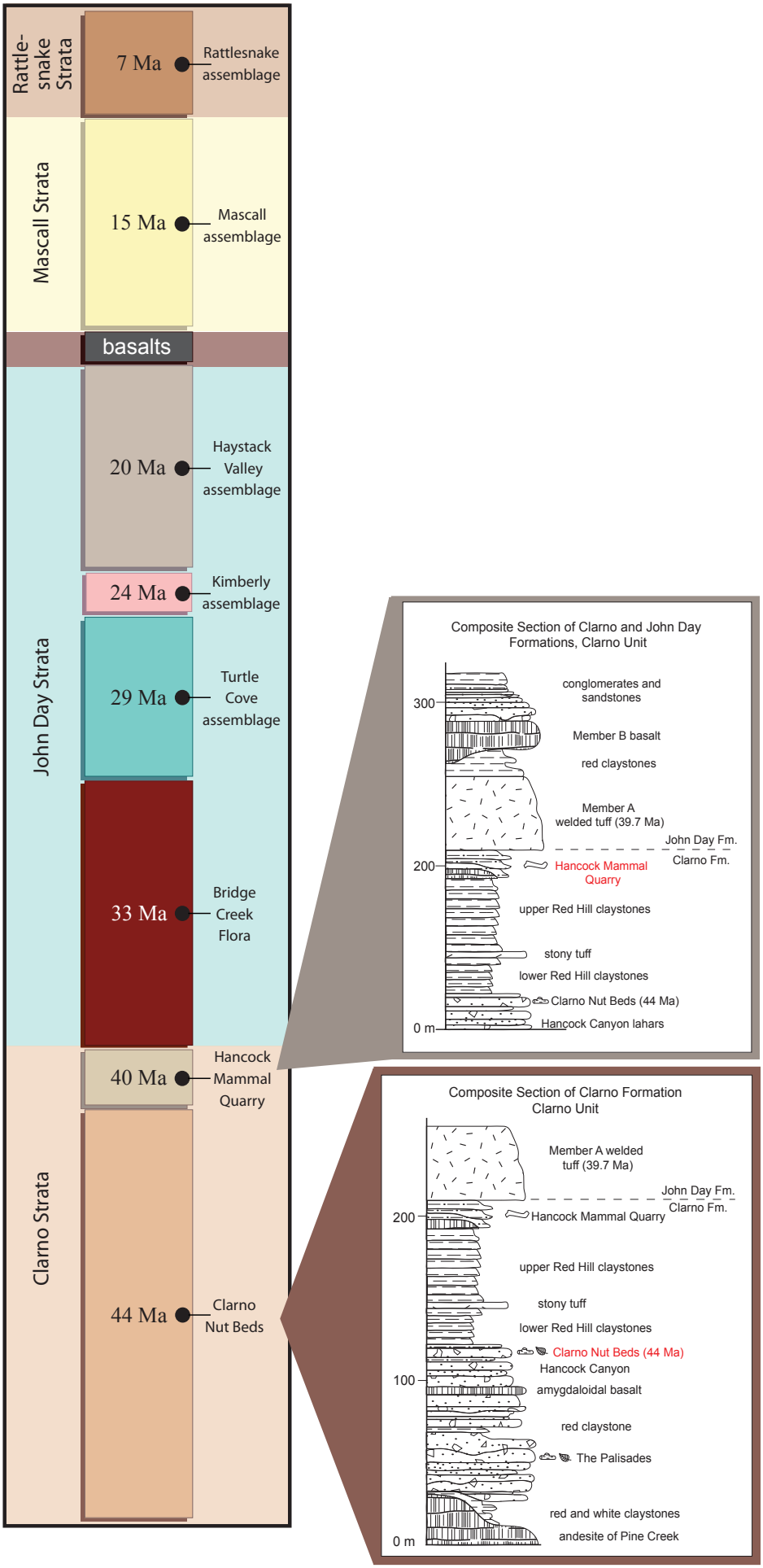
Rattle-snake Strata
7 Ma
Rattlesnake assemblage
Mascall Strata
15 Ma
Mascall assemblage
basalts
John Day Strata
20 Ma
Haystack Valley assemblage
24 Ma
Kimberly assemblage
29 Ma
Turtle Cove assemblage
33 Ma
Bridge Creek Flora
40 Ma
Hancock Mammal Quarry
Clarno Strata
44 Ma
Clarno Nut Beds
Composite Section of Clarno and John Day Formations, Clarno Unit
300
200
0 m
conglomerates and sandstones
Member B basalt
red claystones
Member A welded tuff (39.7 Ma)
John Day Fm.
Clarno Fm.
Hancock Mammal Quarry
upper Red Hill claystones
stony tuff
lower Red Hill claystones
Clarno Nut Beds (44 Ma)
Hancock Canyon lahars
Composite Section of Clarno Formation Clarno Unit
200
100
0 m
Member A welded tuff (39.7 Ma)
John Day Fm.
Clarno Fm.
Hancock Mammal Quarry
upper Red Hill claystones
stony tuff
lower Red Hill claystones
Clarno Nut Beds (44 Ma)
Hancock Canyon
amygdaloidal basalt
red claystone
The Palisades
red and white claystones
andesite of Pine Creek