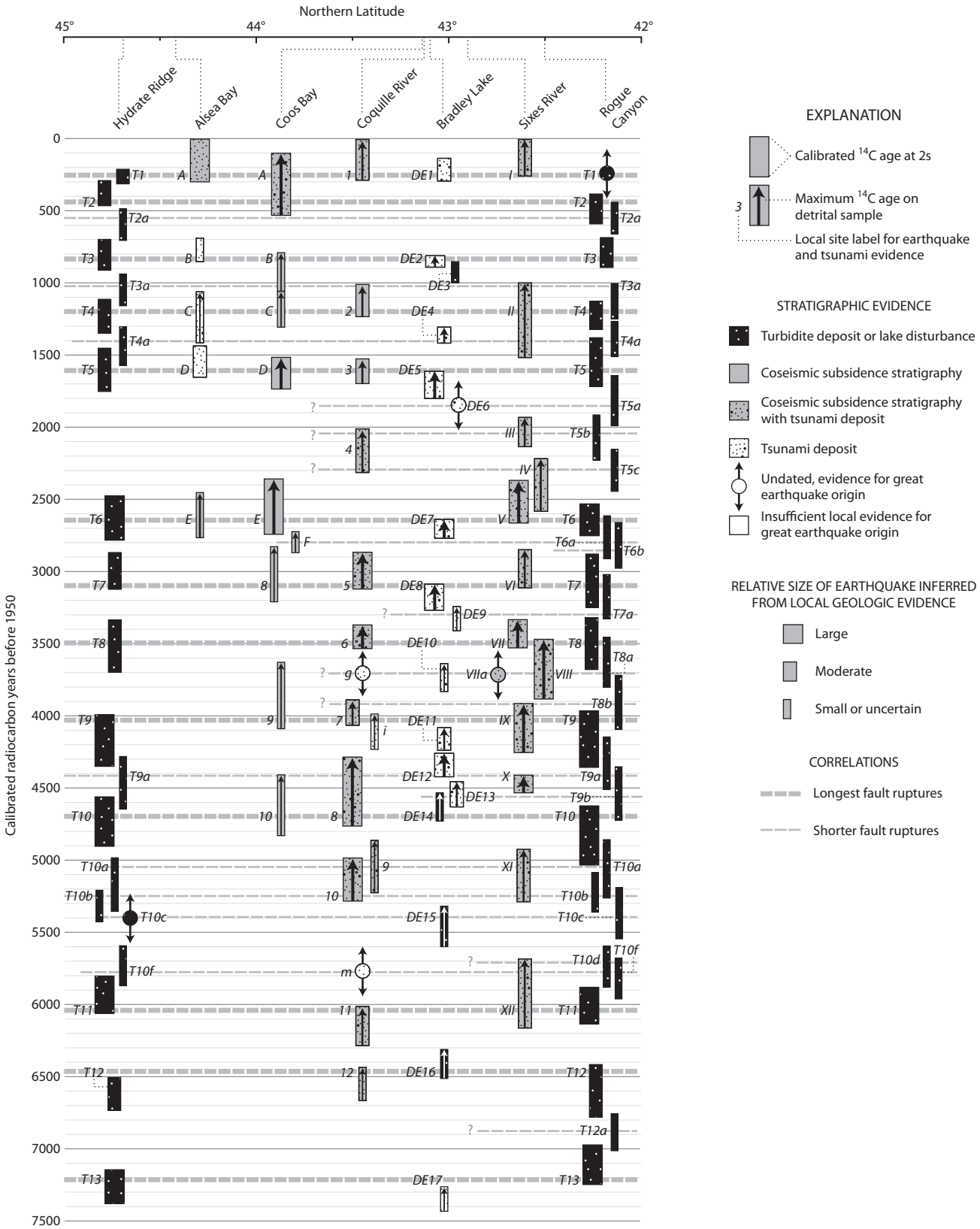
Northern Latitude
45°
44°
43°
42°
Hydrate Ridge
Alsea Bay
Coos Bay
Coquille River
Bradley Lake
Sixes River
Rogue Canyon
Calibrated radiocarbon years before 1950
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
EXPLANATION
Calibrated 14C age at 2s
Maximum 14C age on detrital sample
Local site label for earthquake and tsunami evidence
STRATIGRAPHIC EVIDENCE
Turbidite deposit or lake disturbance
Coseismic subsidence stratigraphy
Coseismic subsidence stratigraphy with tsunami deposit
Tsunami deposit
Undated, evidence for great earthquake origin
Insufficient local evidence for great earthquake origin
RELATIVE SIZE OF EARTHQUAKE INFERRED FROM LOCAL GEOLOGIC EVIDENCE
Large
Moderate
Small or uncertain
CORRELATIONS
Longest fault ruptures
Shorter fault ruptures

Fig. 2