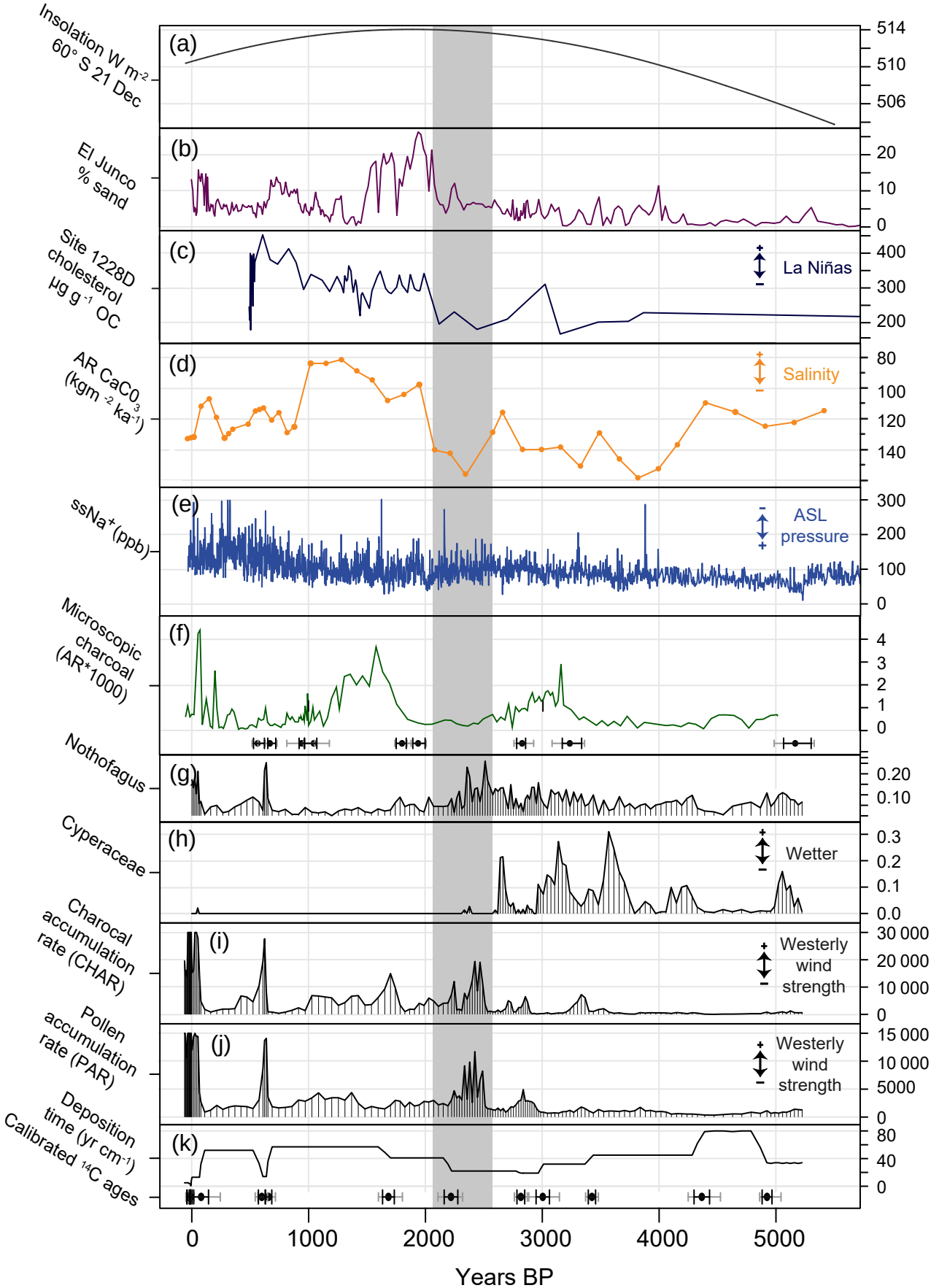
Insolation W m-2 60° S 21 Dec
(a)
514
510
506
El Junco % sand
(b)
20
10
0
Site 1228D cholesterol µg g-1 OC
(c)
La Niñas
400
300
200
AR CaC03 (kgm-2 ka-1)
(d)
Salinity
80
100
120
140
ssNa+(ppb)
(e)
ASL pressure
300
200
100
0
Microscopic charcoal (AR*1000)
(f)
4
3
2
1
0
Nothofagus
(g)
0.20
0.10
Cyperaceae
(h)
Wetter
0.3
0.2
0.1
0.0
Charocal accumulation rate (CHAR)
(i)
Westerly wind strength
30 000
20 000
10 000
0
Pollen accumulation rate (PAR)
(j)
Westerly wind strength
15 000
10 000
5000
0
Deposition time (yr cm-1)
(k)
80
40
0
Calibrated 14C ages
0
1000
2000
3000
4000
5000
Years BP