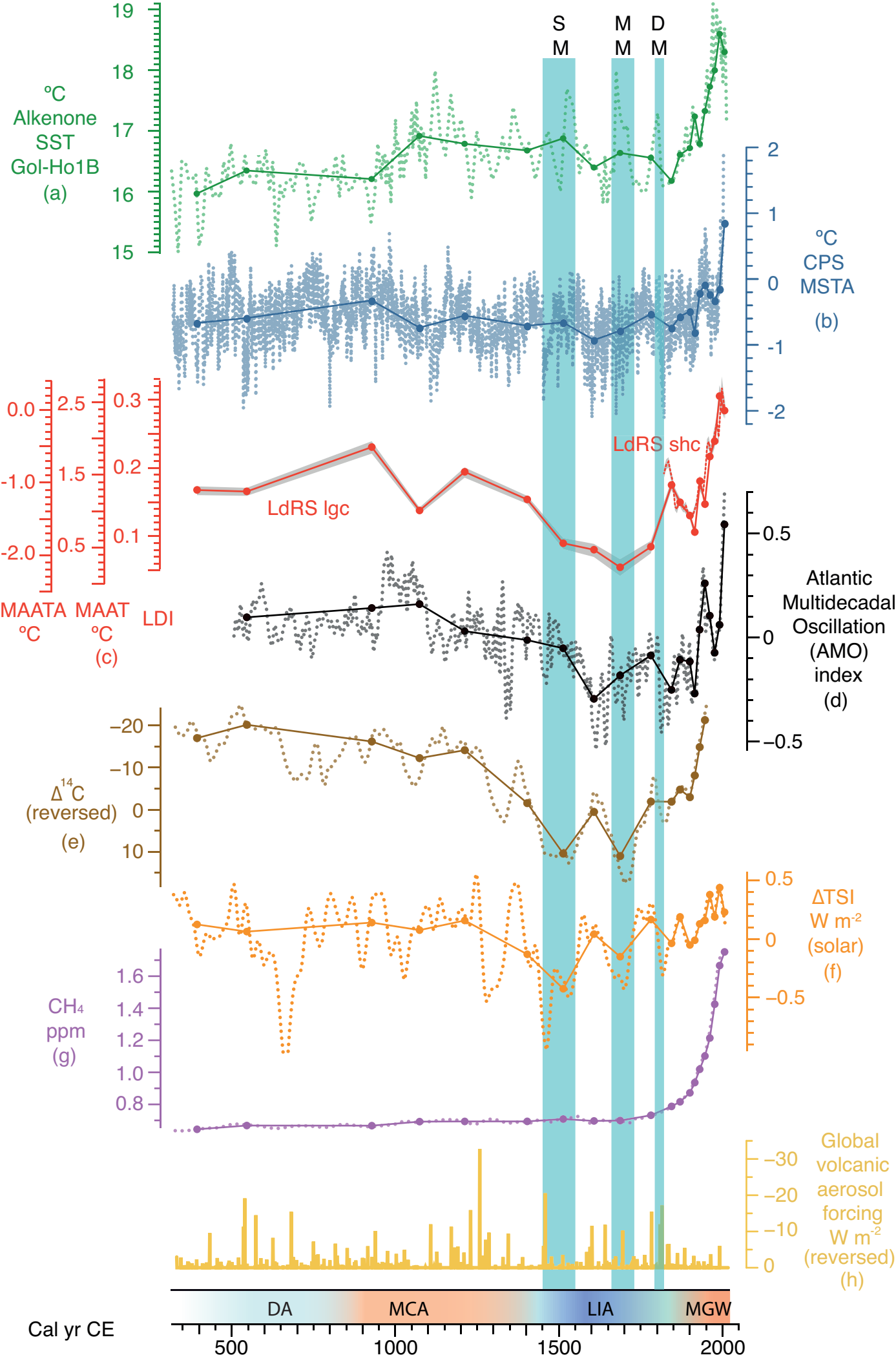
SM
MM
DM
°C
Alkenone
SST
GoI-Ho1B
(a)
19
18
17
16
15
2
1
0
-1
-2
°C
CPS
MSTA
(b)
LdRS shc
LdRS lgc
0.0
-1.0
-2.0
2.5
1.5
0.5
0.3
0.2
0.1
MAATA
°C
MAAT
°C
(c)
LDI
0.5
0
−0.5
Atlantic
Multidecadal
Oscillation
(AMO)
index
(d)
−20
−10
0
10
Δ14C
(reversed)
(e)
0.5
0
−0.5
ΔTSI
W m-2
(solar)
(f)
1.6
1.4
1.2
1.0
0.8
CH4
ppm
(g)
−30
−20
−10
0
Global
volcanic
aerosol
forcing
W m-2
(reversed)
(h)
DA
MCA
LIA
MGW
Cal yr CE
500
1000
1500
2000