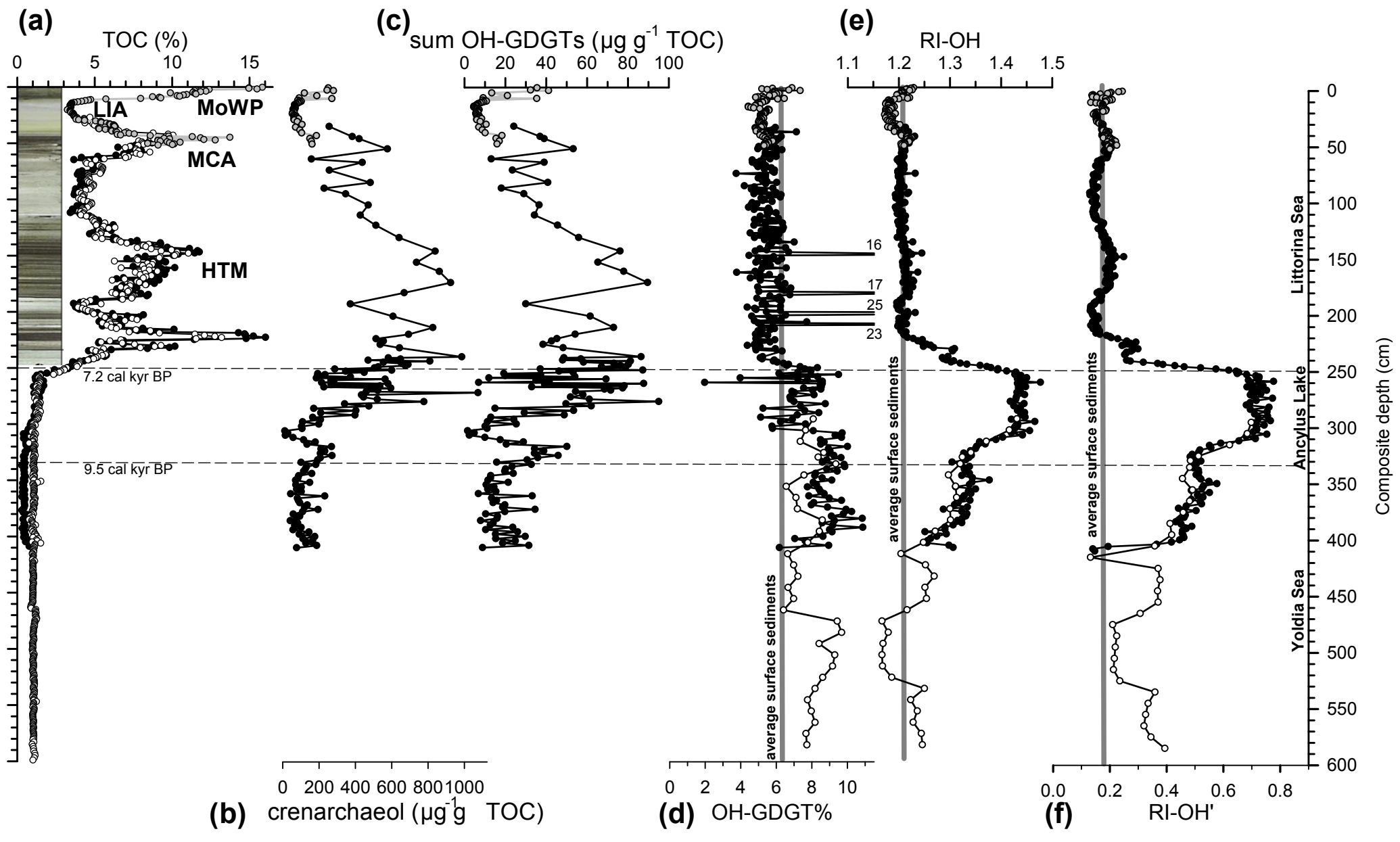
(a)
TOC (%)
0 5 10 15
LIA
MoWP
MCA
HTM
7.2 cal kyr BP
9.5 cal kyr BP
(b)
crenarchaeol (µg g-1 TOC)
0 200 400 600 800 1000
(c)
sum OH-GDGTs (µg g-1 TOC)
0 20 40 60 80 100
(d)
OH-GDGT%
0 2 4 6 8 10
average surface sediments
16
17
25
23
(e)
RI-OH
1.1 1.2 1.3 1.4 1.5
average surface sediments
(f)
RI-OH'
0.0 0.2 0.4 0.6 0.8
average surface sediments
Littorina Sea
Ancylus Lake
Yoldia Sea
Composite depth (cm)
0 50 100 150 200 250 300 350 400 450 500 550 600