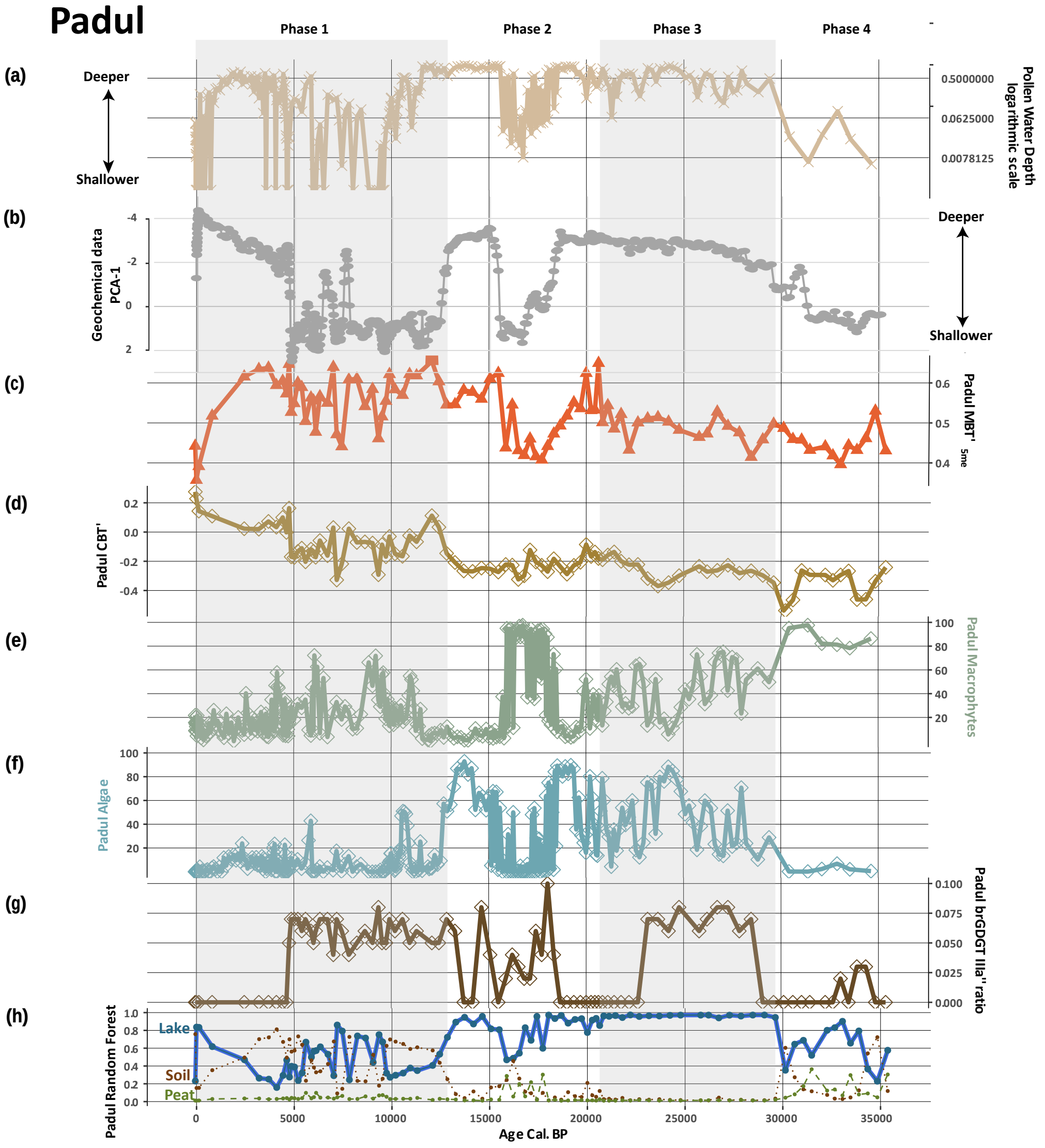
Padul
Phase 1
Phase 2
Phase 3
Phase 4
(a)
Deeper
Shallower
0.5000000
0.0625000
0.0078125
Pollen Water Depth logarithmic scale
(b)
Geochemical data PCA-1
-4
-2
0
2
Deeper
Shallower
(c)
0.6
0.5
0.4
Padul MBT' 5me
(d)
Padul CBT'
0.2
0.0
-0.2
-0.4
(e)
100
80
60
40
20
Padul Macrophytes
(f)
Padul Algae
100
80
60
40
20
(g)
0.100
0.075
0.050
0.025
0.000
Padul brGDGT IIIa'' ratio
(h)
Padul Random Forest
1.0
0.8
0.6
0.4
0.2
0.0
Lake
Soil
Peat
0
5000
10000
15000
20000
25000
30000
35000
Age Cal. BP