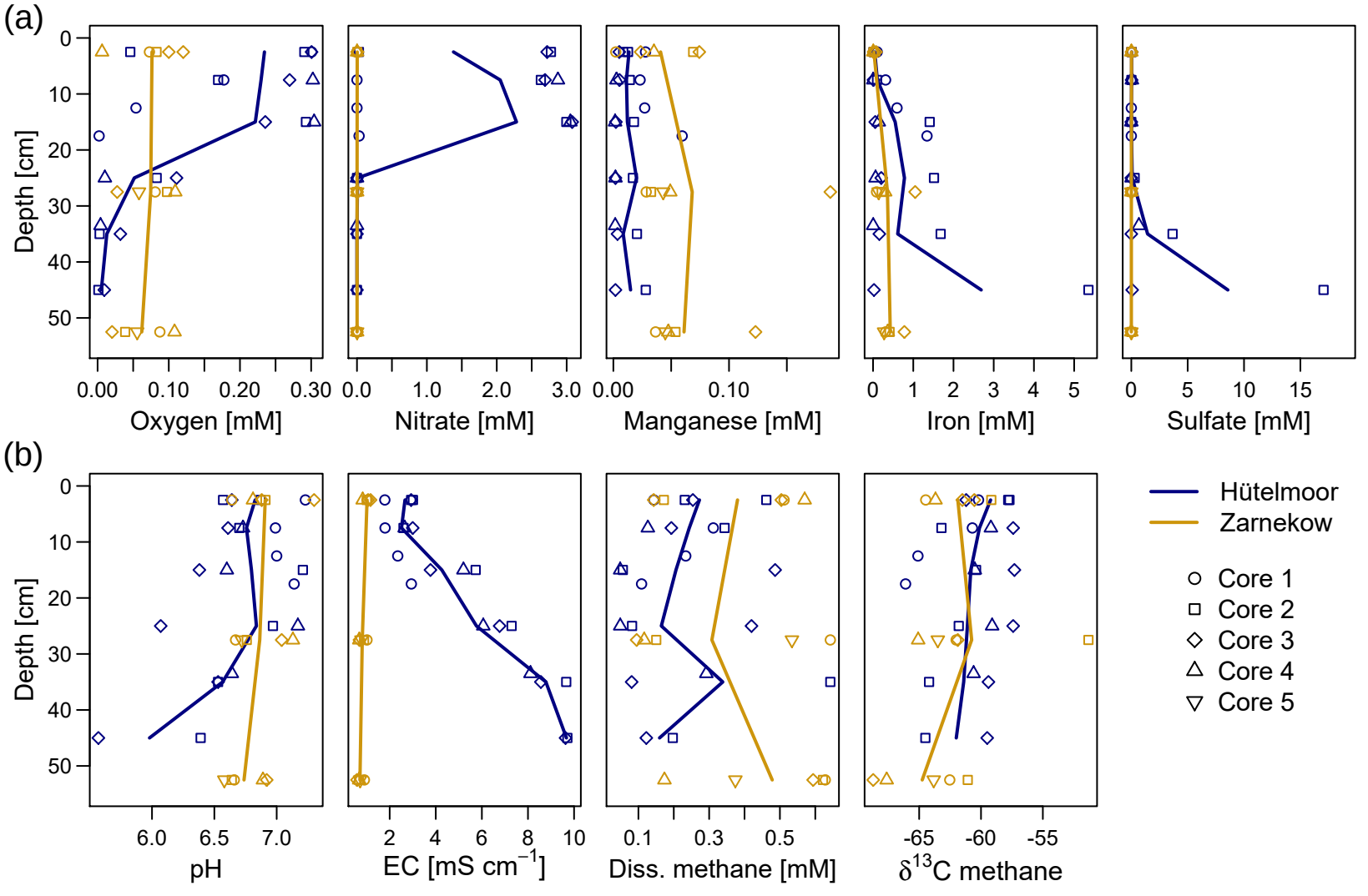
(a)
Depth [cm]
0
10
20
30
40
50
0.00
0.10
0.20
0.30
Oxygen [mM]
0.0
1.0
2.0
3.0
Nitrate [mM]
0.00
0.10
Manganese [mM]
0
1
2
3
4
5
Iron [mM]
0
5
10
15
Sulfate [mM]
(b)
Depth [cm]
6.0
6.5
7.0
pH
2
4
6
8
10
EC [mS cm^{-1}]
0.1
0.3
0.5
Diss. methane [mM]
-65
-60
-55
δ^{13}C methane
Hütelmoor
Zarnekow
Core 1
Core 2
Core 3
Core 4
Core 5