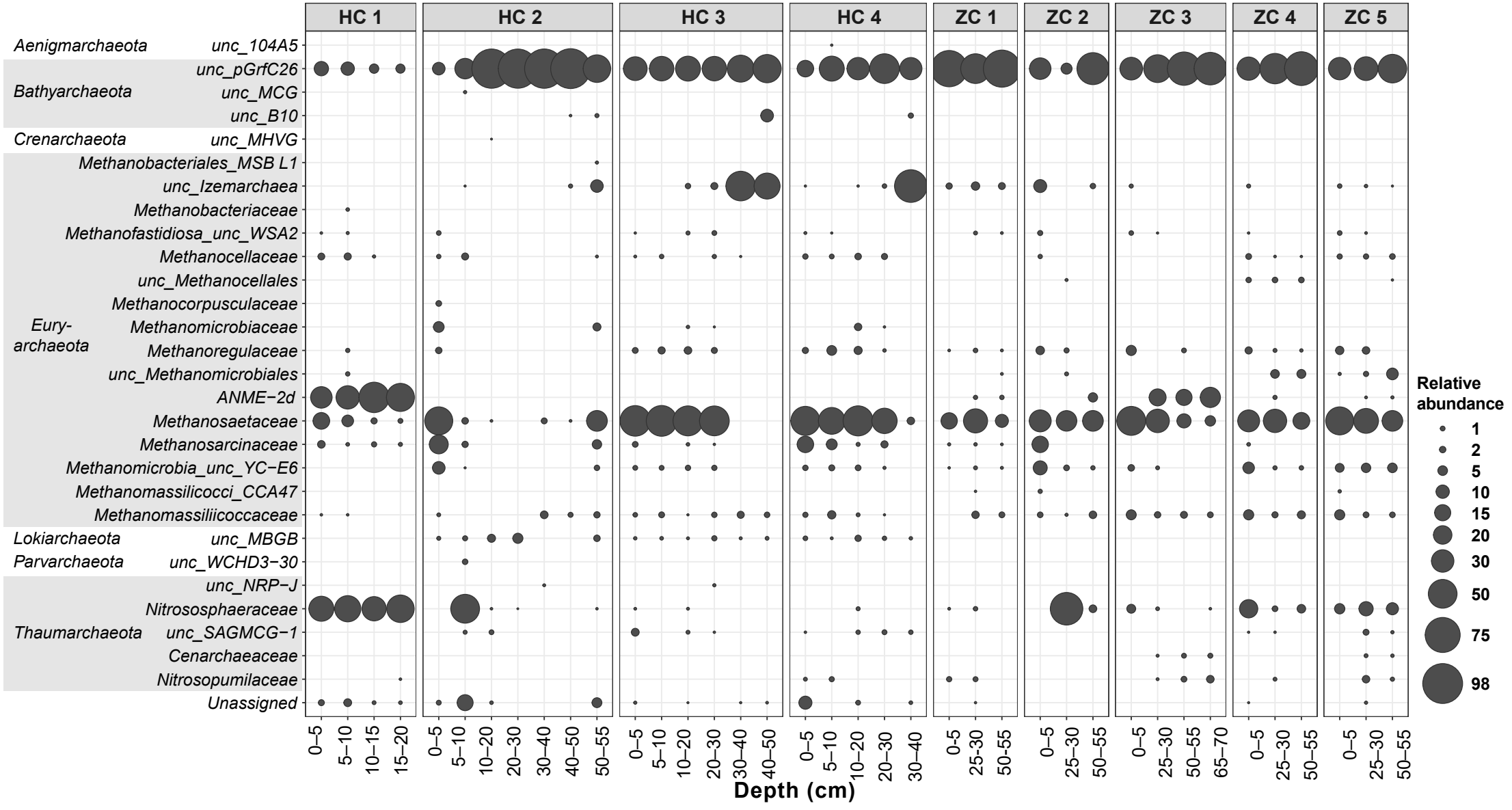
HC 1
HC 2
HC 3
HC 4
ZC 1
ZC 2
ZC 3
ZC 4
ZC 5
Aenigmarchaeota
unc_104A5
Bathyarchaeota
unc_pGrfC26
unc_MCG
unc_B10
Crenarchaeota
unc_MHVG
Eury-archaeota
Methanobacteriales_MSB L1
unc_Izemarchaea
Methanobacteriaceae
Methanofastidiosa_unc_WSA2
Methanocellaceae
unc_Methanocellales
Methanocorpusculaceae
Methanomicrobiaceae
Methanoregulaceae
unc_Methanomicrobiales
ANME−2d
Methanosaetaceae
Methanosarcinaceae
Methanomicrobia_unc_YC−E6
Methanomassilicocci_CCA47
Methanomassiliicoccaceae
Lokiarchaeota
unc_MBGB
Parvarchaeota
unc_WCHD3−30
Thaumarchaeota
unc_NRP−J
Nitrososphaeraceae
unc_SAGMCG−1
Cenarchaeaceae
Nitrosopumilaceae
Unassigned
0–5
5–10
10–15
15–20
0–5
5–10
10–20
20–30
30–40
40–50
50–55
0–5
5–10
10–20
20–30
30–40
40–50
0–5
5–10
10–20
20–30
30–40
0-5
25-30
50-55
0–5
25–30
50–55
0–5
25–30
50–55
65–70
0–5
25–30
50–55
0–5
25–30
50–55
Depth (cm)
Relative abundance
1
2
5
10
15
20
30
50
75
98