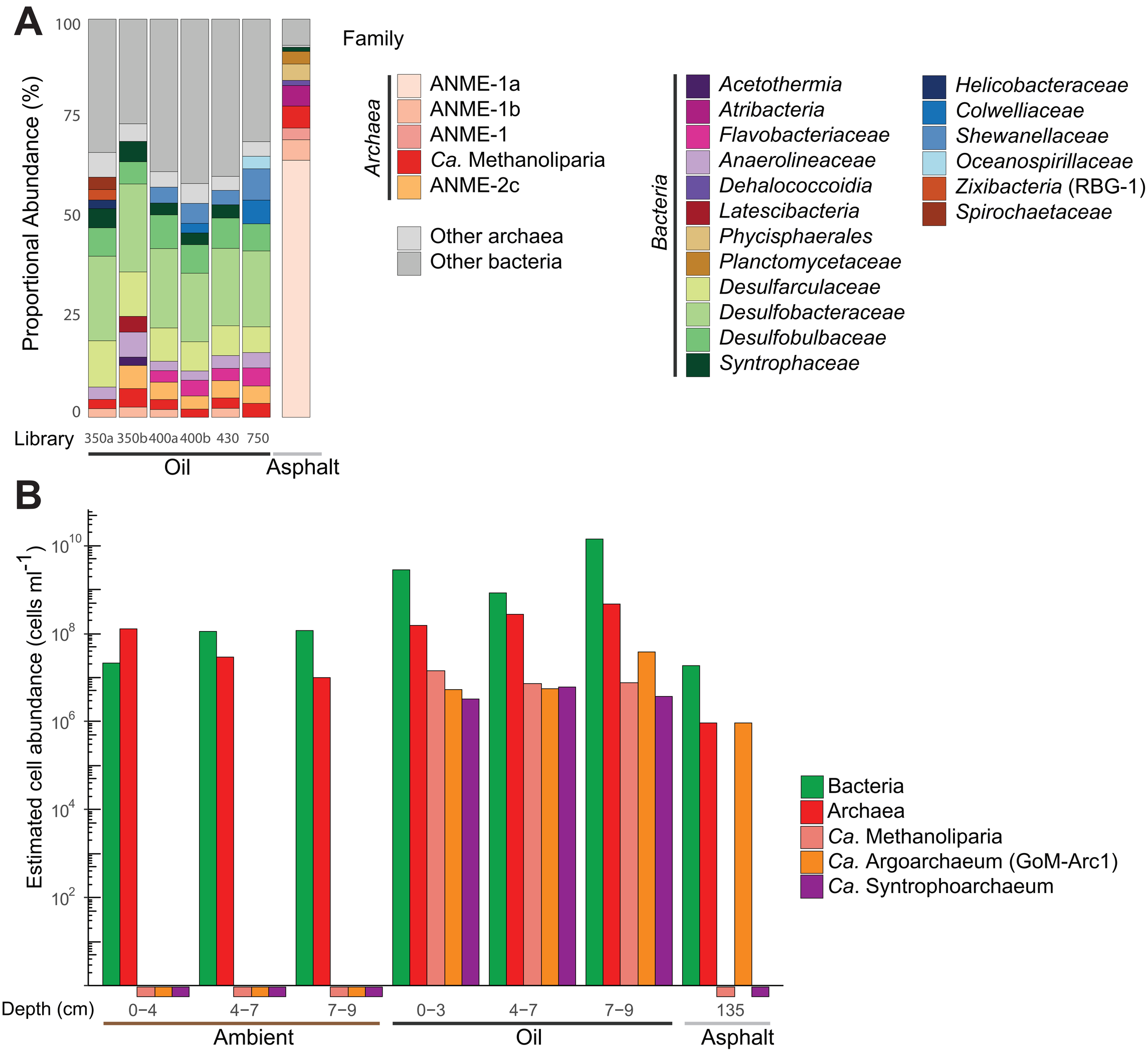
A
Proportional Abundance (%)
100
75
50
25
0
Library
350a 350b 400a 400b 430 750
Oil
Asphalt
Family
Archaea
ANME-1a
ANME-1b
ANME-1
Ca. Methanoliparia
ANME-2c
Other archaea
Other bacteria
Bacteria
Acetothermia
Atribacteria
Flavobacteriaceae
Anaerolineaceae
Dehalococcoidia
Latescibacteria
Phycisphaerales
Planctomycetaceae
Desulfarculaceae
Desulfobacteraceae
Desulfobulbaceae
Syntrophaceae
Helicobacteraceae
Colwelliaceae
Shewanellaceae
Oceanospirillaceae
Zixibacteria (RBG-1)
Spirochaetaceae
B
Estimated cell abundance (cells ml-1)
10^10
10^8
10^6
10^4
10^2
Depth (cm)
0–4
4–7
7–9
0–3
4–7
7–9
135
Ambient
Oil
Asphalt
Bacteria
Archaea
Ca. Methanoliparia
Ca. Argoarchaeum (GoM-Arc1)
Ca. Syntrophoarchaeum