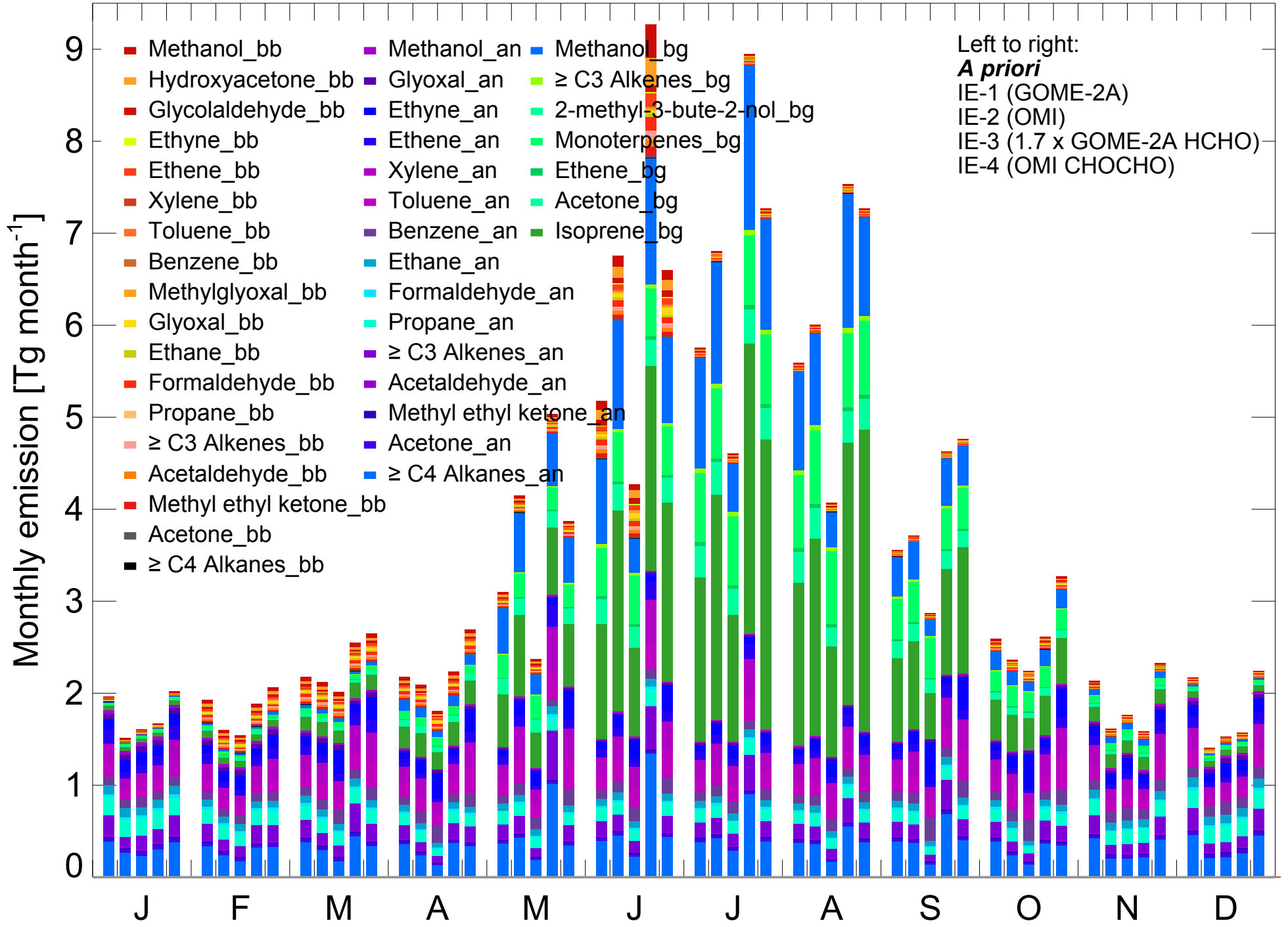
Monthly emission [Tg month^{-1}]
0
1
2
3
4
5
6
7
8
9
J
F
M
A
M
J
J
A
S
O
N
D
Methanol_bb
Hydroxyacetone_bb
Glycolaldehyde_bb
Ethyne_bb
Ethene_bb
Xylene_bb
Toluene_bb
Benzene_bb
Methylglyoxal_bb
Glyoxal_bb
Ethane_bb
Formaldehyde_bb
Propane_bb
≥ C3 Alkenes_bb
Acetaldehyde_bb
Methyl ethyl ketone_bb
Acetone_bb
≥ C4 Alkanes_bb
Methanol_an
Glyoxal_an
Ethyne_an
Ethene_an
Xylene_an
Toluene_an
Benzene_an
Ethane_an
Formaldehyde_an
Propane_an
≥ C3 Alkenes_an
Acetaldehyde_an
Methyl ethyl ketone_an
Acetone_an
≥ C4 Alkanes_an
Methanol_bg
≥ C3 Alkenes_bg
2-methyl-3-bute-2-nol_bg
Monoterpenes_bg
Ethene_bg
Acetone_bg
Isoprene_bg
Left to right:
A priori
IE-1 (GOME-2A)
IE-2 (OMI)
IE-3 (1.7 x GOME-2A HCHO)
IE-4 (OMI CHOCHO)