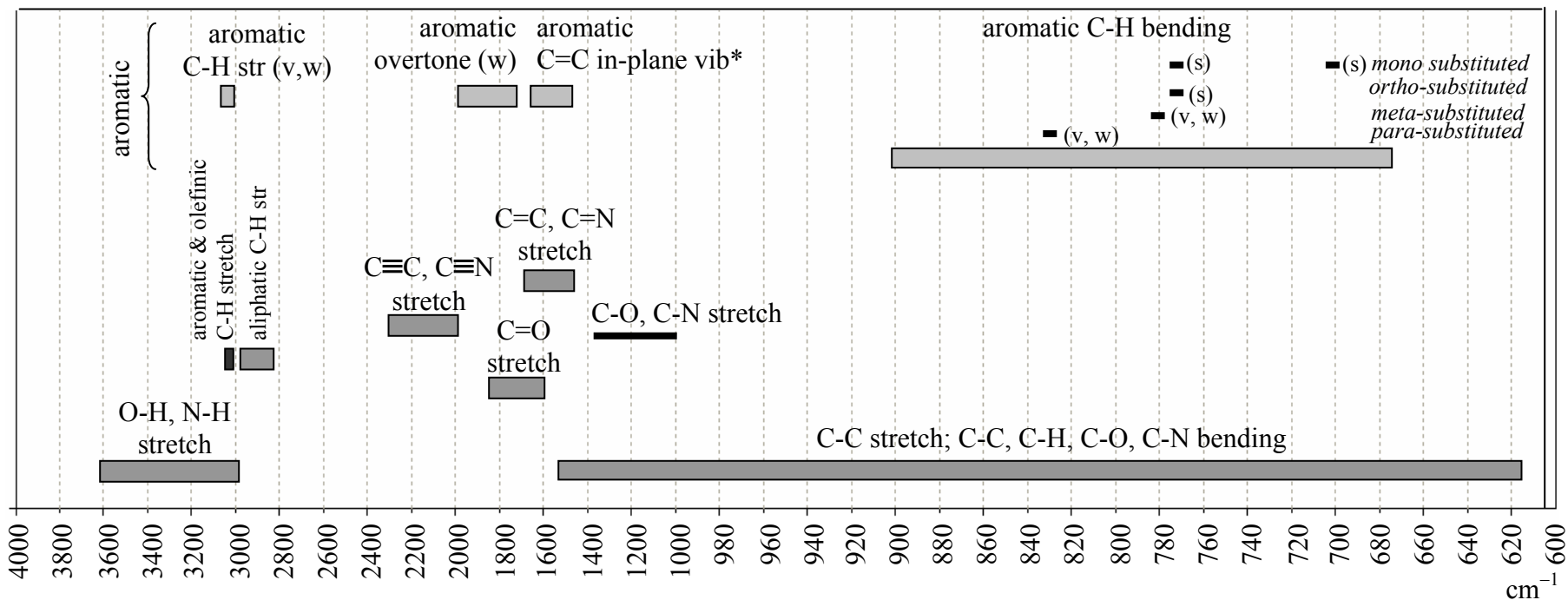


## Overall View of IR Absorptions



\*Aromatic C=C in-plane vibrations: four bands at  $\sim 1600$  (s), 1580 (w, as shoulder), 1500 (s) and 1460 (usually obscured by others)  $\text{cm}^{-1}$ . Absence of these bands is fair assurance that there is no aromatic ring in the compound.

Abbreviations: (s) = strong; (m) = medium; (w) = weak; (v) = variable  
str = stretch; vib = vibrations