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$\text{Ph}-(\text{CH}=\text{CH})_n\text{-X}$	<b><math>\omega</math>-Substituted 1-phenylpolyenes</b> Structure by quantum chemical calculations, analysis of structural variation, p-charge variation and redistribution, transmission of field and resonance effects, bond length alternation, geometric solitons <i>A. R. Campanelli and A. Domenicano</i> Struct. Chem., <b>26</b> (2015) 1259
$\text{Ph-G-X}$	<b>Electronic substituent effects from the analysis of structural variation</b> Structure by quantum chemical calculations, analysis of structural variation, $\pi$ -charge variation and redistribution, transmission of electronic substituent effects <i>A. R. Campanelli and A. Domenicano</i> Athene's Chemistry - Conference of outstanding women scientists for the 70th birthday of Magdolna Hargittai, Budapest (2015), Book of Abstracts, p. 11
$\text{Ph-CB}_{10}\text{H}_{10}\text{C-X}$	<b>12-Substituted 1-phenyl-para-carborane derivatives</b> Structure by quantum chemical calculations, analysis of structural variation, p-charge variation and redistribution, transmission of field and resonance effects, $^{13}\text{C}$ and $^{11}\text{B}$ NMR chemical shifts, electric dipole moments <i>A. R. Campanelli, A. Domenicano, and D. Hnyk</i> J. Phys. Chem. A, <b>119</b> (2015) 205