

Unpublished errata for “The M06 Suite of Density Functionals for Main Group Thermochemistry, Thermochemical Kinetics, Noncovalent Interactions, Excited States, and Transition Elements: Two New Functionals and Systematic Testing of Four M06-Class Functionals and 12 Other Functionals,” Y. Zhao and D. G. Truhlar, *Theoretical Chemistry Accounts* **120**, 215-241 (2008). Erratum: **119**, 525 (2008).

VES21 on pages 217, 229, and 23 should be VES20. VRE41 on page 217 and VRES41 on pages 228 and 234 should be VRES40. ES44 on pages 217, 234, and 235 should be ES43. MG350 on pages 217 and MGE350 on page 235 should be MGE349. M06E403 on pages 237 and 238 should be M06E402.

"21 valence" should be "20 valence" on page 229. 41 and 21 should be 40 and 20 in footnote a of Table 17.

The last two Rydberg transitions were incorrectly labeled as valence in Table 14.

We used the following equations:

$$\text{MUE}(\text{VES20}) = (\text{MUE}(\text{VES8_N2}) + \text{MUE}(\text{VES7_CO}) + \text{MUE}(\text{VES4_HCHO}) + \text{MUE}(\text{VES_tetaacene}))/4$$

$$\text{MUE}(\text{RES20}) = (\text{MUE}(\text{RES5_N2}) + \text{MUE}(\text{RES7_CO}) + \text{MUE}(\text{RES8_HCHO}))/3$$

$$\text{MUE}(\text{VRES40}) = (\text{MUE}(\text{VES20}) + \text{MUE}(\text{RES20}))/2$$

The following values in the VRES40 MUE column in Table 17 should be updated:

HFLYP	1.29
B97-3	0.52
PBEh	0.58
B98	0.58
M05	0.72
B3LYP	0.67
M06	0.97
TPSSh	0.78
M06-L	0.97
VSXC	0.96
PBE	1.14
BLYP	1.18
Average (DFT)	0.75
Average (all)	0.77