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Addition/Correction

Correction to "Toward Ultracold Organic Chemistry: Prospects of Laser Cooling Large Organic Molecules"

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Because of unfortunate oversight, Table S1 in the Supporting Information was published incomplete and, inadvertently, listed zero values for the Franck−Condon factors for the $X \rightarrow B^2B_2$ transition in CaPh (column 6 of the table). The corrected table is given below. We thank Profs. Anastassia Alexandrova and Wes Campbel from UCLA for pointing this out to us.

Table S1. FCFs for the Decay Transitions to the Ground X^2A_1 State in CaBz, CaPh, and CaPy[a]

	CaBz			CaPh			CaPy		
transition	A^2B_1	B^2B_2	C^2A_1	A^2B_1	B^2B_2	C^2A_1	A^2B_1	B^2B_2	C^2A_1
0_0^0	0.7595	0.8341	0.8849	0.8329	0.8521	0.8326	0.7186	0.7692	0.9219
1_1^0	0.1318	0.1135	0.1055	0.1232	0.1070	0.1164	0.1278	0.1153	0.0499
1_2^0	0.0093	0.0064	0.0049	0.0074	0.0067	0.0069	0.0084	0.0065	0.0008
2_2^0	0.0639	0.0296	0.0000	0.0000	0.0000	0.0000	0.0892	0.0729	0.0185
2_4^0	0.0081	0.0016	0.0000	0.0000	0.0000	0.0000	0.0166	0.0104	0.0006
SUM	0.9726	0.9852	0.9953	0.9636	0.9658	0.9559	0.9606	0.9743	0.9917

[a] ν_1 is Ca-ring stretching mode; ν_2 is Ca-ring bending mode.