Table 1. Calculated Bond Distances (Å) and Angles (°).

	CpSn	Cp_2Sn	*cis*-Cp_3Sn_2	*tran*-Cp_3Sn_2	CpPb	Cp_2Pb	*cis*-Cp_3Pb_2	*tran*-Cp_3Pb_2
M(1)-C(1)	2.667	2.667	2.631	2.662	2.578	2.907	2.650	2.743
M(1)-C(2)	2.555	2.559	2.685	2.555	2.578	2.775	2.715	2.663
M(1)-C(3)	2.593	2.511	2.629	2.515	2.577	2.721	2.746	2.621
M(1)-C(4)	2.515	2.592	2.541	2.592	2.579	2.818	2.700	2.671
M(1)-C(5)	5.510	2.691	2.544	2.691	2.577	2.953	2.641	2.749
M(1)-C(6)		2.981	2.846	2.982		2.846	3.043	3.079
M(1)-C(7)		2.890	2.939	2.843		2.731	3.123	2.979
M(1)-C(8)		2.881	3.075	2.880		2.751	3.113	2.985
M(1)-C(9)		2.041	3.071	3.042		2.883	3.025	3.093
M(1)-C(10)		3.100	2.931	3.100		2.942	2.980	3.149
M(2)-C(6)			2.848	2.938			3.045	3.021
M(2)-C(7)			2.968	3.086			3.126	3.135
M(2)-C(8)			3.087	3.075			3.112	3.142
M(2)-C(9)			3.047	2.918			3.021	3.032
M(2)-C(10)			2.901	2.829			2.979	2.955
M(2)-C(11)			2.535	2.536			2.645	2.639
M(2)-C(12)			2.556	2.647			2.710	2.721
M(2)-C(13)			2.648	2.700			2.748	2.762
M(2)-C(14)			2.683	2.620			2.765	2.700
M(2)-C(15)			2.611	2.552			2.642	2.625
M(1)-X(1A)	2.307	2.307	2.309	2.308	2.274	2.562	2.403	2.402
M(1)-X(1B)		2.714	2.716	2.713		2.562	2.808	2.807
M(2)-X(1B)			2.714	2.714			2.808	2.808
M(2)-X(1C)			2.309	2.306			2.403	2.402
X(1A)- M(1)-X(1B)		147.280	149.124	147.094		153.785	153.373	153.184
X(1B)- M(2)-X(1C)			149.477	147.280			154.741	152.138
M(1)-X(1B)-M(2)			166.901	178.859			171.913	179.210
	1.425	1.425	1.412	1.425	1.428	1.420	1.425	1.424
C(1)-C(2)	1.427	1.427	1.417	1.428	1.429	1.424	1.419	1.427
C(2)-C(3)	1.427	1.427	1.426	1.427	1.429	1.423	1.421	1.427
C(3)-C(4)	1.422	1.421	1.427	1.422	1.429	1.417	1.426	1.427
C(4)-C(5)	1.411	1.413	1.426	1.413	1.429	1.413	1.427	1.423
C(1)-C(5)		1.440	1.428	1.422		1.422	1.420	1.417
C(6)-C(7)		1.423	1.418	1.421		1.424	1.416	1.423
C(7)-C(8)		1.422	1.412	1.421		1.421	1.422	1.422
C(8)-C(9)		1.421	1.421	1.421		1.414	1.427	1.422
C(9)-C(10)		1.421	1.430	1.422		1.415	1.426	1.422
C(6)-C(10)			1.427	1.426			1.425	1.423
C(11)-C(12)			1.425	1.415			1.420	1.426
C(12)-C(13)			1.416	1.418			1.420	1.418
C(13)-C(14)			1.419	1.427			1.426	1.420
C(14)-C(15)			1.426	1.428			1.427	1.428
C(11)-C(15)								1.427