TABLE 4 SUMMARY OF CRYSTAL FORMS OF KNOWN RARE EARTH SESQUISULFIDES

	Sc	Y	La	Се	Pr	Nd	Sm	Eu	Gđ	Tb	Dy	Но	Er	Tm	Yb	Lu
a A Ortho- rhombic			26	26	26	26	26	20	26		2				21	
B Unknown			2	2	2	2										
γ C Cubic		*	2	2	2	2	2		2	6	2;*	*	*	*	*	*
8 D Monoclinic		2									2	6	2	6		
Rhombo- hedral				*.											22	22
ζ Ortho- rhombic	27												*			

Note:

Numbers indicate prior synthesis (except for Eu_2S_3 which does not exist) and gives the reference as found in the List of References.

Asterisks indicate the structure was synthesized in the present work.