## Database S1.2

## Known non-perovskites

				A		В		В'		X
Compound	Structure	Source (ICSD ID or Reference)	Ion	Oxidation state						
Ag2VAsO6	A2BB'X6 - other	425757	Ag	1	V	5	As	5	0	-2
Ho2Be2SiO7	A2B2B'X7	73521	Но	3	Be	2	Si	4	О	-2
Ag2VPO6	A2BB'X6 – other	730580	Ag	1	V	5	P	5	О	-2
AgBiO3	Ilmenite	89432	Ag	1	Bi	5	Bi	5	0	-2
AgCaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Ag	1	Ca	2	Ca	2	Cl	-1
AgCdBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Ag	1	Cd	2	Cd	2	Br	-1
AgFeP2O7	ABB'2X7	421413	Fe	3	Ag	1	P	5	0	-2
AgFeV2O7	ABB'2X7	166891	Fe	3	Ag	1	V	5	0	-2
AgI3O8	AB3X8	194399	Ag	1	I	5	I	5	0	-2
AgInP2O7	ABB'2X7	261150	In	3	Ag	1	P	5	0	-2
AgLaNb2O7	ABB'2X7	73983	La	3	Ag	1	Nb	5	0	-2
AgMgCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Ag	1	Mg	2	Mg	2	Cl	-1
AgPbBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Ag	1	Pb	2	Pb	2	Br	-1
AgPbF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Ag	1	Pb	2	Pb	2	F	-1
AgTaS3	Pyroxene	74442	Ag	1	Ta	5	Та	5	S	-2
AgVP2O7	ABB'2X7	427970	V	3	Ag	1	P	5	0	-2
AlBO3	Calcite	30538	Al	3	В	3	В	3	0	-2
AsBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	As	3	В	3	В	3	0	-2
B2BaTiO6	A2BB'X6 – other	97972	В	3	Ba	2	Ti	4	0	-2
B2BaZrO6	A2BB'X6 – other	95527	В	3	Ba	2	Zr	4	0	-2
B2CaSnO6	A2BB'X6 – other	30998	В	3	Ca	2	Sn	4	0	-2
B2CsNbO6	A2BB'X6 – other	80422	В	3	Cs	1	Nb	5	0	-2
B2CsTaO6	A2BB'X6 – other	80423	В	3	Cs	1	Та	5	О	-2
B2KNbO6	A2BB'X6 – other	170807	В	3	K	1	Nb	5	О	-2
B2KSbO6	A2BB'X6 – other	238073	В	3	K	1	Sb	5	О	-2
B2KTaO6	A2BB'X6 – other	162214	В	3	K	1	Та	5	О	-2
B2MgSnO6	A2BB'X6 – other	28266	В	3	Mg	2	Sn	4	О	-2
B2MnSnO6	A2BB'X6 – other	79165	В	3	Mn	2	Sn	4	О	-2
B2NaNbO6	A2BB'X6 – other	79703	В	3	Na	1	Nb	5	О	-2
B2RbNbO6	A2BB'X6 – other	395	В	3	Rb	1	Nb	5	О	-2

BSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS											
R2VC1O6   A2BBY X6 - other   R59501   R5   R5   R5   R5   R5   R5   R5   R	B2SrSnO6	A2BB'X6 - other	28267	В	3	Sr	2	Sn	4	О	-2
Table   Tabl	B2TINbO6	A2BB'X6 - other	2082	В	3	Tl	1	Nb	5	О	-2
Ba2CoRdOo   AZBBYX6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Co   3   Ir   5   O   -2	B2YCrO6	A2BB'X6 - other	189501	В	3	Y	3	Cr	3	О	-2
Ra2CicGoOo	Ba2BiRuO6	A2BB'X6 - other	72450	Ва	2	Bi	3	Ru	5	О	-2
Ba2CoSt0-06   A28B1X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Cr   3   Ob   5   O   -2	Ba2CoIrO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Co	3	Ir	5	О	-2
	Ba2CoOsO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ba	2	Co	2	Os	6	О	-2
Ba2CHE066   A2BB X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Cr   3   Re   5   O   -2	Ba2CoSbO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Co	3	Sb	5	О	-2
Ba2CrTraCo6   A2BB*X6 - other   Prog. In Solid State Chem. 43 I-36 (2015)   Ba   2   Cr   3   Ta   5   O   -2	Ba2CrOsO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Cr	3	Os	5	О	-2
Ba2CWT066   A2BB*X6 - other   Prog. in Solid State Chem. 43 1-36 (2015)   Ba   2   Cr   3   W   5   O   -2	Ba2CrReO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ba	2	Cr	3	Re	5	О	-2
Ba2CuTeO6   A2BB X6 - other   6240   Ba   2   Cu   2   Te   6   O   -2	Ba2CrTaO6	A2BB'X6 - other	74410	Ва	2	Cr	3	Та	5	О	-2
Ba2FeOoO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   In   3   Ir   5   O   -2	Ba2CtWO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Cr	3	W	5	О	-2
Ba2InIrO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   In   3   Ir   5   O   -2	Ba2CuTeO6	A2BB'X6 - other	6240	Ва	2	Cu	2	Те	6	О	-2
Ba2InRuO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   In   3   Ru   5   O   -2	Ba2FeOsO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Fe	3	Os	5	О	-2
Ba2MnIrO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Mn   3   Ir   5   O   -2	Ba2InIrO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	In	3	Ir	5	О	-2
Ba2MnOsO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Mn   2   Os   6   O   -2	Ba2InRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	In	3	Ru	5	О	-2
Ba2MnRu06         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Mn         3         Ru         5         O         -2           Ba2NiOSO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Ni         2         Os         6         O         -2           Ba2NiTeO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Ni         2         Te         6         O         -2           Ba2RhRu06         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Ru         5         O         -2           Ba2RhV06         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Sb         5         O         -2           Ba2ScMoO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         U         5         O         -2           Ba2ScMoO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         O         -2 <td>Ba2MnIrO6</td> <td>A2BB'X6 - other</td> <td>Prog. In Solid State Chem. 43 1-36 (2015)</td> <td>Ва</td> <td>2</td> <td>Mn</td> <td>3</td> <td>Ir</td> <td>5</td> <td>О</td> <td>-2</td>	Ba2MnIrO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Mn	3	Ir	5	О	-2
Ba2NiOSO6   A2BB'X6 - other   Prog. In Solid State Chem. 43 1-36 (2015)   Ba   2   Ni   2   Os   6   O   -2	Ba2MnOsO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Mn	2	Os	6	О	-2
Ba2NiTeO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Ni         2         Te         6         0         -2           Ba2RhRuO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Ru         5         0         -2           Ba2RhSbO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Sb         5         0         -2           Ba2RhUO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         U         5         0         -2           Ba2ScMoO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         0         -2           Ba2ZnTeO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         0         -2           BaBAsO5         ABB'X5         404439         Ba         2         B         3         As         5         0         -2           BaCO3	Ba2MnRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Mn	3	Ru	5	О	-2
Ba2RhRuO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Ru         5         O         -2           Ba2RhSbO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Sb         5         O         -2           Ba2RhUO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         U         5         O         -2           Ba2ScMoO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         O         -2           Ba2ZnTeO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         O         -2           BaBAsO5         ABB'X5         404439         Ba         2         B         3         As         5         O         -2           BaBCO3         Aragonite         15196         Ba         2         B         3         P         5         O         -2           BaCO3         BaNiO3 - type         922 <td>Ba2NiOSO6</td> <td>A2BB'X6 - other</td> <td>Prog. In Solid State Chem. 43 1-36 (2015)</td> <td>Ва</td> <td>2</td> <td>Ni</td> <td>2</td> <td>Os</td> <td>6</td> <td>О</td> <td>-2</td>	Ba2NiOSO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Ni	2	Os	6	О	-2
Ba2RhSb06         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         Sb         5         0         -2           Ba2RhU06         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         U         5         0         -2           Ba2ScMoO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         0         -2           Ba2ZnTeO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         0         -2           BaBASO5         ABB'X5         404439         Ba         2         B         3         As         5         0         -2           BaBPO5         ABB'X5         50875         Ba         2         B         3         P         5         0         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         0         -2           BaCO3         BaNiO3 - type         922         Ba         2 <t< td=""><td>Ba2NiTeO6</td><td>A2BB'X6 - other</td><td>Prog. In Solid State Chem. 43 1-36 (2015)</td><td>Ва</td><td>2</td><td>Ni</td><td>2</td><td>Те</td><td>6</td><td>О</td><td>-2</td></t<>	Ba2NiTeO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Ni	2	Те	6	О	-2
Ba2RhU06         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Rh         3         U         5         O         -2           Ba2ScMoO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         O         -2           Ba2ZnTeO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         O         -2           BaBASO5         ABB'X5         404439         Ba         2         B         3         As         5         O         -2           BaBO5         ABB'X5         50875         Ba         2         B         3         P         5         O         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         C	Ba2RhRuO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ba	2	Rh	3	Ru	5	О	-2
Ba2ScMoO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Sc         3         Mo         5         O         -2           Ba2ZnTeO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         O         -2           BaBAsO5         ABB'X5         404439         Ba         2         B         3         As         5         O         -2           BaBPO5         ABB'X5         50875         Ba         2         B         3         P         5         O         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	Ba2RhSbO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ba	2	Rh	3	Sb	5	О	-2
Ba2ZnTeO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Ba         2         Zn         2         Te         6         O         -2           BaBAsO5         ABB'X5         404439         Ba         2         B         3         As         5         O         -2           BaBPO5         ABB'X5         50875         Ba         2         B         3         P         5         O         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCoO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	Ba2RhUO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Rh	3	U	5	О	-2
BaBAsO5         ABB'X5         404439         Ba         2         B         3         As         5         O         -2           BaBPO5         ABB'X5         50875         Ba         2         B         3         P         5         O         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCoO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	Ba2ScMoO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Sc	3	Мо	5	О	-2
BaBPO5         ABB'XS         50875         Ba         2         B         3         P         5         O         -2           BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCoO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	Ba2ZnTeO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Ва	2	Zn	2	Те	6	О	-2
BaCO3         Aragonite         15196         Ba         2         C         4         C         4         O         -2           BaCoO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	BaBAsO5	ABB'X5	404439	Ва	2	В	3	As	5	О	-2
BaCoO3         BaNiO3 – type         922         Ba         2         Co         4         Co         4         O         -2           BaCrO3         BaMnO3 – type         35029         Ba         2         Cr         4         Cr         4         O         -2	BaBPO5	ABB'X5	50875	Ва	2	В	3	P	5	О	-2
BaCrO3 BaMnO3 – type 35029 Ba 2 Cr 4 Cr 4 O -2	BaCO3	Aragonite	15196	Ва	2	С	4	С	4	О	-2
	BaCoO3	BaNiO3 – type	922	Ва	2	Co	4	Co	4	О	-2
BaGeO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Ba         2         Ge         4         Ge         4         O         -2	BaCrO3	BaMnO3 – type	35029	Ва	2	Cr	4	Cr	4	О	-2
	BaGeO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Ва	2	Ge	4	Ge	4	О	-2
BaMnO3         BaNiO3 – type         10331         Ba         2         Mn         4         Mn         4         O         -2	BaMnO3	BaNiO3 – type	10331	Ва	2	Mn	4	Mn	4	О	-2
BaNbS3         BaNiO3 – type         659538         Ba         2         Nb         4         Nb         4         S         -2	BaNbS3	BaNiO3 – type	659538	Ва	2	Nb	4	Nb	4	S	-2
BaNiO3 BaNiO3 - type 175 Ba 2 Ni 4 Ni 4 O -2	BaNiO3	BaNiO3 – type	175	Ba	2	Ni	4	Ni	4	О	-2

BaRhO3	BaMnO3 – type	15520	Ва	2	Rh	4	Rh	4	О	-2
BaRuO3	BaRuO3 – type	10253	Ba	2	Ru	4	Ru	4	О	-2
BaRuO3	BaMnO3 – type	84652	Ва	2	Ru	4	Ru	4	О	-2
BaSe2O5	AB2X5	54157	Ва	2	Se	4	Se	4	О	-2
BaSiO3	BaRuO3 – type	156705	Ba	2	Si	4	Si	4	О	-2
BaSn2S5	AB2X5	424620	Ва	2	Sn	4	Sn	4	s	-2
BaTaS3	BaNiO3 – type	16083	Ва	2	Та	4	Та	4	s	-2
BaTaSe3	BaNiO3 – type	616129	Ba	2	Та	4	Та	4	Se	-2
BaTe3O7	AB3X7	431435	Ва	2	Те	4	Те	4	О	-2
BaTh2S5	AB2X5	251556	Ba	2	Th	4	Th	4	s	-2
BaTiS3	BaNiO3 – type	14175	Ba	2	Ti	4	Ti	4	S	-2
BaTiSe3	BaNiO3 – type	616131	Ba	2	Ti	4	Ti	4	Se	-2
BaU2S5	AB2X5	425332	Ba	2	U	4	U	4	s	-2
BaU2Se5	AB2X5	616132	Ba	2	U	4	U	4	Se	-2
BaU2Te5	AB2X5	251557	Ba	2	U	4	U	4	Те	-2
BaV4O9	AB3X9	172998	Ba	2	V	4	v	4	О	-2
BaVS3	BaNiO3 – type	8193	Ba	2	v	4	V	4	S	-2
BaVSe3	BaNiO3 – type	10486	Ba	2	V	4	v	4	Se	-2
BaVSi2O7	ABB'2X7	78029	Ba	2	v	4	Si	4	О	-2
BaZrSe3	BaNiO3 – type	616136	Ва	2	Zr	4	Zr	4	Se	-2
Be2SiO4	A2BX4 – other	64942	Ве	2	Si	4	Si	4	О	-2
Bi2CdGeO6	A2BB'X6 – other	82158	Bi	3	Cd	2	Ge	4	0	-2
Bi2FeTiO6	A2BB'X6 – other	162263	Bi	3	Fe	2	Ti	4	О	-2
Bi2NiMnO6	A2BB'X6 – other	152487	Bi	3	Ni	2	Mn	4	О	-2
BiCdVO5	ABB'X5	91474	Cd	2	Bi	3	V	5	0	-2
BiCoPO5	ABB'X5	88825	Со	2	Bi	3	P	5	О	-2
BiMgVO5	ABB'X5	150399	Mg	2	Bi	3	V	5	О	-2
BiMnAsO5	ABB'X5	59721	Mn	2	Bi	3	As	5	О	-2
BiMnPO5	ABB'X5	95086	Mn	2	Bi	3	P	5	О	-2
BiMnVO5	ABB'X5	59720	Mn	2	Bi	3	V	5	О	-2
BiNiPO5	ABB'X5	79857	Ni	2	Bi	3	P	5	О	-2
BiPVO5	ABB'X5	60577	Pb	2	Bi	3	v	5	О	-2
BiSmO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Bi	3	Sm	3	Sm	3	О	-2
BPCo3O7	ABB'X3X7	51317	Co	2	P	5	В	3	О	-2
		1								

BPZn3O7	ABB'X3X7	406386	Zn	2	P	5	В	3	О	-2
Ca2Al2SiO7	A2B2B'X7	24588	Al	3	Ca	2	Si	4	Si	-2
Ca2B2SiO7	A2B2B'X7	5244	В	3	Ca	2	Si	4	Si	-2
Ca2BiAsO6	A2BB'X6 – other	91475	Ca	2	Bi	3	As	5	О	-2
Ca2GeS4	Olivine	23416	Ca	2	Ge	4	Ge	4	S	-2
Ca2SiS4	Olivine	619542	Ca	2	Si	4	Si	4	S	-2
Ca2SiSe4	Olivine	619574	Ca	2	Si	4	Si	4	Se	-2
Ca2SnS4	Olivine	619548	Ca	2	Sn	4	Sn	4	s	-2
CaBiVO5	ABB'X5	73814	Ca	2	Bi	3	V	5	О	-2
CaBPO5	ABB'X5	87893	Ca	2	В	3	P	5	О	-2
CaCO3	Aragonite	15194	Ca	2	С	4	С	4	О	-2
CaPtO3	Pyroxene	173278	Ca	2	Pt	4	Pt	4	О	-2
CaSe2O5	AB2X5	27209	Ca	2	Se	4	Se	4	О	-2
CaSnSiO5	ABB'X5	1042	Ca	2	Sn	4	Si	4	О	-2
CaTe2O5	AB2X5	419646	Ca	2	Те	4	Те	4	О	-2
CaTeCO5	ABB'X5	4319	Ca	2	Те	4	С	4	О	-2
CaTiGeO5	ABB'X5	171795	Ca	2	Ti	4	Ge	4	О	-2
CaTiSiO5	ABB'X5	9837	Ca	2	Ti	4	Si	4	О	-2
CaU2Se5	AB2X5	619577	Ca	2	U	4	U	4	Se	-2
CaZrGeO5	ABB'X5	154327	Ca	2	Zr	4	Ge	4	О	-2
CaZrSi2O7	ABB'2X7	203131	Ca	2	Zr	4	Si	4	0	-2
Cd2BiAsO6	A2BB'X6 – other	154151	Cd	2	Bi	3	As	5	0	-2
Cd2Mn3O8	A2B3X8	16957	Cd	2	Mn	4	Mn	4	О	-2
Cd2SiO4	A2BX4 – other	50527	Cd	2	Si	4	Si	4	О	-2
CdCO3	Calcite	33662	Cd	2	С	4	С	4	0	-2
CdSe2O5	AB2X5	75230	Cd	2	Se	4	Se	4	О	-2
CeBO3	Aragonite	99689	Ce	3	В	3	В	3	О	-2
Co2GeO4	Spinel	21115	Co	2	Ge	4	Ge	4	О	-2
Co2Mo3O8	A2B3X8	10143	Co	2	Мо	4	Мо	4	О	-2
Co2SiO4	Olivine	6248	Co	2	Si	4	Si	4	О	-2
Co2Te3O8	A2B3X8	50702	Co	2	Те	4	Те	4	О	-2
CoBiAsO5	ABB'X5	428633	Co	2	Bi	3	As	5	О	-2
CoCO3	Calcite	5208	Co	2	С	4	С	4	0	-2
CoFePO5	ABB'X5	93580	Co	2	Fe	3	P	5	О	-2

Control   Cont											
Colifor   Coli	CoMnO3	Ilmenite	31854	Со	2	Mn	4	Mn	4	О	-2
COURSE   AREA   CO   C   C   U   4   U   4   S   -2	CoSe2O5	AB2X5	49916	Co	2	Se	4	Se	4	О	-2
CORNOTA   A288X4 - other	CoTiO3	Ilmenite	16548	Co	2	Ti	4	Ti	4	О	-2
Color	CoU2S5	AB2X5	624883	Co	2	U	4	U	4	s	-2
California   Azista   Azista	Cr2SiO4	A2BX4 - other	75639	Cr	2	Si	4	Si	4	О	-2
C2LBINGS   A2BBYK6 - other   Prog. Solid State Chem. 10, 141-219 (1982)   C3	CrBO3	Calcite	43311	Cr	3	В	3	В	3	О	-2
C2LialinCilo A2BBTX6—other	Cs2Hg3I8	A2B3X8	4074	Cs	1	Hg	2	Hg	2	I	-1
CSLELIGID   A288 X6 - other   Prog. Solid State Chem. 14, 141-219 (1982)   Cs	Cs2LiHoI6	A2BB'X6 - other	Prog. Solid State Chem. 14, 141-219 (1982)	Cs	1	Li	1	Но	3	I	-1
C2LisSC16 A2BBX6—other Prog. Solid State Chem. 14, 141-219 (1982) Cs 1 Li 1 Sc 3 Cl -1  C3LiSc16 A2BBX6—other Prog. Solid State Chem. 14, 141-219 (1982) Cs 1 Li 1 Sc 3 1 1 -1  C3LiTindlo A2BBX6—other Prog. Solid State Chem. 14, 141-219 (1982) Cs 1 Li 1 Tm 3 1 1 -1  C3LiSc16 A2BBX6—other Prog. Solid State Chem. 14, 141-219 (1982) Cs 1 Li 1 Tm 3 1 1 -1  C3LiSc16 A2BBX6—other 42157 Cs 1 Na 1 Co 3 F -1  C3LiSc16 A2BBX6—other 42152 Cs 1 Na 1 Ni 3 F -1  C3LiSc16 A2BBX6—other 42152 Cs 1 Na 1 Ti 3 F -1  C3LiSc16 A2BBX6—other 67160 Cs 1 Na 1 Ti 3 F -1  C3LiSc16 A3BX5 201135 Cs 1 Co 2 Co 2 Br -1  C3LiSc16 A3BX5 240876 Cs 1 Zn 2 Za 2 Br -1  C3LiSc16 A3BX5 240876 Cs 1 Zn 2 Za 2 Br -1  C3LiSc16 A3BXS 180033 Cs 1 Zn 2 Za 2 Cl -1  C3LiSc16 A3BXS 172984 Cs 1 Aa 5 Aa 5 O -2  C3BaBB ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Ba 2 Br -1  C3BaC3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Ba 2 Cl -1  C3BaC3 BaSiO BaSiO Spe 27511 Cs 1 Co 2 Co 2 Co 2 F -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl Ba 2 Cl Cl -1  C3BaS3 ABX3—other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Cl	Cs2LiInCl6	A2BB'X6 - other	65735	Cs	1	Li	1	In	3	Cl	-1
CSZLISCHO         AZBBYX6 - other         Prog. Solid State Chem. 14, 141-219 (1982)         Cs         1         Li         1         Sc         3         I         -1           CGZLITIRIG         AZBBYX6 - other         Prog. Solid State Chem. 14, 141-219 (1982)         Cs         1         Li         1         Tm         3         I         -1           CGZNACOF6         AZBBYX6 - other         42157         Cs         1         Na         1         Co         3         F         -1           CGZNATOF6         AZBBYX6 - other         42152         Cs         1         Na         1         Ni         3         F         -1           CGZNATOF6         AZBBYX6 - other         67160         Cs         1         Na         1         Ti         3         F         -1           CGZNATOF6         AZBBYX6 - other         67160         Cs         1         Co         2         Co         2         Br         -1           CGSZABD5         AJBX5         18053         Cs         1         Za         Za         2         Co         2         Br         -1           CGSZABD5         AJBX5         18053         Cs         1         AB	Cs2LiLuI6	A2BB'X6 - other	Prog. Solid State Chem. 14, 141-219 (1982)	Cs	1	Li	1	Lu	3	I	-1
C2LTml6 A2BB X6 - other	Cs2LiScCl6	A2BB'X6 - other	Prog. Solid State Chem. 14, 141-219 (1982)	Cs	1	Li	1	Sc	3	Cl	-1
C2NNiCoF6   A2BB'X6 - other	Cs2LiScI6	A2BB'X6 - other	Prog. Solid State Chem. 14, 141-219 (1982)	Cs	1	Li	1	Sc	3	I	-1
CS2NaNiF6         A2BB'X6 - other         42152         Cs         1         Na         1         Ni         3         F         -1           CS2NaTiF6         A2BB'X6 - other         67160         Cs         1         Na         1         Ti         3         F         -1           CS3C0BI5         A3BXS         201135         Cs         1         Co         2         Co         2         Br         -1           CS3Z0BI5         A3BXS         180053         Cs         1         Zn         2         Zn         2         Br         -1           CS3Z0CI5         A3BXS         240876         Cs         1         As         5         As         5         O         -2           CS43008         AB3X8         172984         Cs         1         As         5         As         5         O         -2           CSBaCI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         CI         -1           CSBaCI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         CI	Cs2LiTmI6	A2BB'X6 - other	Prog. Solid State Chem. 14, 141-219 (1982)	Cs	1	Li	1	Tm	3	I	-1
Cs2NaTiF6   A2BB'X6-other   67160   Cs   1   Na   1   Ti   3   F   -1	Cs2NaCoF6	A2BB'X6 – other	42157	Cs	1	Na	1	Со	3	F	-1
Cs3CoBe5 A3BX5 201135 Cs 1 Co 2 Co 2 Br -1  Cs3ZaBr5 A3BX5 180053 Cs 1 Zn 2 Zn 2 Br -1  Cs3ZaCl5 A3BX5 240876 Cs 1 Zn 2 Zn 2 Cl -1  CsAS3O8 AB3X8 172984 Cs 1 As 5 As 5 O -2  CsBaBr3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Br -1  CsBaCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Cl -1  CsBaCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 F -1  CsBaCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Cl -1  CsBaCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 Cl -1  CsBaCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cs 1 Ba 2 Ba 2 F -1  CsBiNb2O7 ABB'2X7 96510 Bi 3 Cs 1 Nb 5 O -2  CsCoCl3 BaNiO3 - type 27511 Cs 1 Co 2 Co 2 Cl -1  CsCoCl3 BaNiO3 - type 15091 Cs 1 Co 2 Co 2 Cl -1  CsCoF3 BaRuO3 - type 15091 Cs 1 Co 2 Co 2 Cl -1  CsCoF3 AB3X8 28410 Cs 1 Cr 5 Cr 5 O -2  CsCrOCl3 BaNiO3 - type 36132 Cs 1 As 5 O -2  CsCrCl3 BaNiO3 - type 36132 Cs 1 Cr 2 Cr 2 Cl -1  CsCoF2O7 ABB'2X7 195521 Cr 3 Cs 1 P 5 O -2  CsCrCl3 BaNiO3 - type 36132 Cs 1 Cr 2 Cr 2 Cl -1  CsCrP2O7 ABB'2X7 260893 Cr 3 Cs 1 P 5 S S -2  CsCrP2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2  CsCrC2O7 ABB'2X7 260893 Cr 3 Cs 1 V 5 O -2	Cs2NaNiF6	A2BB'X6 - other	42152	Cs	1	Na	1	Ni	3	F	-1
Cs3ZnBr5         A3BX5         180053         Cs         1         Zn         2         Zn         2         Br         -1           Cs3ZnCl5         A3BX5         240876         Cs         1         Zn         2         Zn         2         Cl         -1           CsAs3O8         ABX3         172984         Cs         1         As         5         As         5         O         -2           CsBaBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Br         -1           CsBaCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba	Cs2NaTiF6	A2BB'X6 - other	67160	Cs	1	Na	1	Ti	3	F	-1
CS3ZnC15         A3BXS         240876         Cs         1         Zn         2         Zn         2         C1         -1           CsAs308         AB3X8         172984         Cs         1         As         5         As         5         O         -2           CsBaB3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Br         -1           CsBaC13         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1	Cs3CoBr5	A3BX5	201135	Cs	1	Со	2	Со	2	Br	-1
CSAS308         AB3X8         172984         Cs         1         As         5         As         5         O         -2           CSBaBi3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Br         -1           CSBaCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CSBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3         Other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsCoCt33         BaNiO3 – type         27511         Cs         1         Co         2         Co         2         Ct         1         -1           CsCrCt308         AB3X8         28410         Cs <td< td=""><td>Cs3ZnBr5</td><td>A3BX5</td><td>180053</td><td>Cs</td><td>1</td><td>Zn</td><td>2</td><td>Zn</td><td>2</td><td>Br</td><td>-1</td></td<>	Cs3ZnBr5	A3BX5	180053	Cs	1	Zn	2	Zn	2	Br	-1
CsBaBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Br         -1           CsBaCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3         28         28         1         Cs         1         Co         2         Co         2         Cl         -1           CsCoCl3         BaRu03 – type         15091         Cs         1         Cr         5         Cr         5         O         -2           CsCrAc308         ABB*2X7         195521         Cr <t< td=""><td>Cs3ZnCl5</td><td>A3BX5</td><td>240876</td><td>Cs</td><td>1</td><td>Zn</td><td>2</td><td>Zn</td><td>2</td><td>Cl</td><td>-1</td></t<>	Cs3ZnCl5	A3BX5	240876	Cs	1	Zn	2	Zn	2	Cl	-1
CsBaCl3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         Cl         -1           CsBaF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBaF3         ABX2X7         96510         Bi         3         Cs         1         Nb         5         O         -2           CsCoCl3         BaNiO3 - type         27511         Cs         1         Co         2         Co         2         Cl         -1           CsCoF3         BaRuO3 - type         15091         Cs         1         Cr         5         Cr         5         O         -2           CsCr308         AB3X8         28410         Cs         1         Cr         5         Cr         5         O         -2           CsCrAs207         ABB'2X7         195521         Cr         3         Cs         1         As         5	CsAs3O8	AB3X8	172984	Cs	1	As	5	As	5	О	-2
CsBaF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cs         1         Ba         2         Ba         2         F         -1           CsBiNb207         ABB'2X7         96510         Bi         3         Cs         1         Nb         5         0         -2           CsCoCl3         BaNiO3 – type         27511         Cs         1         Co         2         Co         2         Cl         -1           CsCoF3         BaRuO3 – type         15091         Cs         1         Co         2         Co         2         F         -1           CsCrA308         AB3X8         28410         Cs         1         Cr         5         Cr         5         O         -2           CsCrA207         ABB'2X7         195521         Cr         3         Cs         1         As         5         O         -2           CsCrCl3         BaNiO3 – type         36132         Cs         1         Cr         2         Cr         2         Cl         -1         -1           CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2 <td>CsBaBr3</td> <td>ABX3 – other</td> <td>Acta Cryst B 64, 702-707 (2008)</td> <td>Cs</td> <td>1</td> <td>Ba</td> <td>2</td> <td>Ba</td> <td>2</td> <td>Br</td> <td>-1</td>	CsBaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cs	1	Ba	2	Ba	2	Br	-1
CsBiNb2O7         ABB'2X7         96510         Bi         3         Cs         1         Nb         5         O         -2           CsCoCl3         BaNiO3 – type         27511         Cs         1         Co         2         Co         2         Cl         -1           CsCoF3         BaRuO3 – type         15091         Cs         1         Co         2         Co         2         F         -1           CsCr3O8         AB3X8         28410         Cs         1         Cr         5         Cr         5         O         -2           CsCrAs2O7         ABB'2X7         195521         Cr         3         Cs         1         As         5         O         -2           CsCrCl3         BaNiO3 – type         36132         Cs         1         Cr         2         Cr         2         Cl         -1         -1           CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         V         5         O         -2	CsBaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cs	1	Ba	2	Ba	2	Cl	-1
CsCoCl3         BaNiO3 – type         27511         Cs         1         Co         2         Co         2         Cl         -1           CsCoF3         BaRuO3 – type         15091         Cs         1         Co         2         Co         2         F         -1           CsCr3O8         AB3X8         28410         Cs         1         Cr         5         Cr         5         O         -2           CsCr3O8         ABB'2X7         195521         Cr         3         Cs         1         As         5         O         -2           CsCrCl3         BaNiO3 – type         36132         Cs         1         Cr         2         Cr         2         Cl         -1           CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5	CsBaF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cs	1	Ba	2	Ba	2	F	-1
CSCoF3 BaRuO3 – type 15091 Cs 1 Co 2 Co 2 F -1  CSCr3O8 AB3X8 28410 Cs 1 Cr 5 Cr 5 O -2  CSCrAS2O7 ABB'2X7 195521 Cr 3 Cs 1 As 5 O -2  CSCrCl3 BaNiO3 – type 36132 Cs 1 Cr 2 Cr 2 Cl -1  CSCrP2O7 ABB'2X7 54093 Cr 3 Cs 1 P 5 O -2  CSCrP2O7 ABB'2X7 260893 Cr 3 Cs 1 P 5 S -2  CSCrV2O7 ABB'2X7 262978 Cr 3 Cs 1 V 5 O -2  CSCrV2O7 ABB'2X7 262978 Cr 3 Cs 1 V 5 O -2  CSCu2F5 AB2X5 33867 Cs 1 Cu 2 Cu 2 F -1	CsBiNb2O7	ABB'2X7	96510	Bi	3	Cs	1	Nb	5	О	-2
CsCr308         AB3X8         28410         Cs         1         Cr         5         Cr         5         O         -2           CsCrAs207         ABB'2X7         195521         Cr         3         Cs         1         As         5         O         -2           CsCrCl3         BaNiO3 - type         36132         Cs         1         Cr         2         Cr         2         Cl         -1           CsCrP207         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCoCl3	BaNiO3 – type	27511	Cs	1	Co	2	Co	2	Cl	-1
CsCrAs207         ABB'2X7         195521         Cr         3         Cs         1         As         5         O         -2           CsCrCl3         BaNiO3 – type         36132         Cs         1         Cr         2         Cr         2         Cl         -1           CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCoF3	BaRuO3 – type	15091	Cs	1	Co	2	Co	2	F	-1
CsCrCl3         BaNiO3 – type         36132         Cs         1         Cr         2         Cr         2         Cl         -1           CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCr3O8	AB3X8	28410	Cs	1	Cr	5	Cr	5	О	-2
CsCrP2O7         ABB'2X7         54093         Cr         3         Cs         1         P         5         O         -2           CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCrAs2O7	ABB'2X7	195521	Cr	3	Cs	1	As	5	О	-2
CsCrP2S7         ABB'2X7         260893         Cr         3         Cs         1         P         5         S         -2           CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCrCl3	BaNiO3 – type	36132	Cs	1	Cr	2	Cr	2	Cl	-1
CsCrV2O7         ABB'2X7         262978         Cr         3         Cs         1         V         5         O         -2           CsCu2F5         AB2X5         33867         Cs         1         Cu         2         Cu         2         F         -1	CsCrP2O7	ABB'2X7	54093	Cr	3	Cs	1	P	5	0	-2
CsCu2F5 AB2X5 33867 Cs 1 Cu 2 Cu 2 F -1	CsCrP2S7	ABB'2X7	260893	Cr	3	Cs	1	P	5	S	-2
	CsCrV2O7	ABB'2X7	262978	Cr	3	Cs	1	V	5	О	-2
CsErP2O7         ABB'2X7         421378         Er         3         Cs         1         P         5         O         -2	CsCu2F5	AB2X5	33867	Cs	1	Cu	2	Cu	2	F	-1
	CsErP2O7	ABB'2X7	421378	Er	3	Cs	1	P	5	О	-2

CsEu2I5	AB2X5	41099	Cs	1	Eu	2	Eu	2	I	-1
CsFeBr3	BaNiO3 – type	174041	Cs	1	Fe	2	Fe	2	Br	-1
CsFeCl3	BaNiO3 – type	300249	Cs	1	Fe	2	Fe	2	Cl	-1
CsFeP2O7	ABB'2X7	72723	Fe	3	Cs	1	P	5	О	-2
CsInP2O7	ABB'2X7	240262	In	3	Cs	1	P	5	О	-2
CsLaNb2O7	ABB'2X7	82378	La	3	Cs	1	Nb	5	О	-2
CsLuP2O7	ABB'2X7	160193	Lu	3	Cs	1	P	5	О	-2
CsMgBr3	BaNiO3 – type	87260	Cs	1	Mg	2	Mg	2	Br	-1
CsMgCl3	BaNiO3 – type	22086	Cs	1	Mg	2	Mg	2	Cl	-1
CsMgI3	BaNiO3 – type	87262	Cs	1	Mg	2	Mg	2	I	-1
CsMnBr3	BaNiO3 – type	2782	Cs	1	Mn	2	Mn	2	Br	-1
CsMnF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cs	1	Mn	2	Mn	2	F	-1
CsMnI3	BaNiO3 – type	10042	Cs	1	Mn	2	Mn	2	I	-1
CsMoP2O7	ABB'2X7	49919	Мо	3	Cs	1	P	5	0	-2
CsNbNb2O7	ABB'2X7	96511	Nb	3	Cs	1	Nb	5	О	-2
CsNbO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Cs	1	Nb	5	Nb	5	О	-2
CsNiBr3	BaNiO3 – type	423829	Cs	1	Ni	2	Ni	2	Br	-1
CsNiCl3	BaNiO3 – type	60262	Cs	1	Ni	2	Ni	2	Cl	-1
CsNiF3	BaNiO3 – type	15092	Cs	1	Ni	2	Ni	2	F	-1
CsNiI3	BaNiO3 – type	423830	Cs	1	Ni	2	Ni	2	I	-1
CsPd2Cl5	AB2X5	411722	Cs	1	Pd	2	Pd	2	Cl	-1
CsPd2F5	AB2X5	35284	Cs	1	Pd	2	Pd	2	F	-1
CsPdNiF5	ABB'X5	74288	Cs	1	Pd	2	Ni	2	F	-1
CsPuP2S7	ABB'2X7	94910	Pu	3	Cs	1	P	5	S	-2
CsTiBr3	BaNiO3 – type	41320	Cs	1	Ti	2	Ti	2	Br	-1
CsTiCl3	BaNiO3 – type	49748	Cs	1	Ti	2	Ti	2	Cl	-1
CsTiI3	BaNiO3 – type	154258	Cs	1	Ti	2	Ti	2	I	-1
CsTiP2O7	ABB'2X7	280202	Ti	3	Cs	1	P	5	О	-2
CsVBr3	BaNiO3 – type	201829	Cs	1	V	2	V	2	Br	-1
CsVCl3	BaNiO3 – type	15932	Cs	1	V	2	V	2	Cl	-1
CsVI3	BaNiO3 – type	26453	Cs	1	V	2	V	2	I	-1
CsVO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Cs	1	V	5	V	5	О	-2
CsVP2O7	ABB'2X7	65678	V	3	Cs	1	P	5	0	-2
CsYbP2O7	ABB'2X7	300200	Yb	3	Cs	1	P	5	О	-2

CAPICATION   AMBRICATION   A											
Columbro   AZBETAGO - other   775587	CsYP2O7	ABB'2X7	74599	Y	3	Cs	1	P	5	О	-2
CAZIBINOS   AZIBINS   SIOPI   Cu   2   Di   3   V   5   0   2   2   2   2   2   2   2   3   4   3   4   0   2   2   2   2   2   2   3   3   4   3   4   0   2   2   2   3   3   3   4   3   3   4   3   3   4   3   3	Cu2BiAsO6	A2BB'X6 – other	88111	Cu	2	Bi	3	As	5	О	-2
Cachadoos   AZEDIXS   971	Cu2BiPO6	A2BB'X6 – other	75387	Cu	2	Bi	3	P	5	О	-2
Curlotto   Curlotto	Cu2BiVO6	A2BB'X6 – other	51091	Cu	2	Bi	3	V	5	0	-2
Cuciacitis   ABX3 - other   Acta Cryst B 44, 702-707 (2008)   Cu   1   Cd   2   Cd   2   Cd   2   Cd   1   Cd   Cuciacitis   ABX3 - other   Acta Cryst B 44, 702-707 (2008)   Cu   1   Cd   2   Cd   2   Cd   2   Cd   2   Cd   1   Cd   Cuciacitis   ABX3 - other   Acta Cryst B 44, 702-707 (2008)   Cu   1   Cd   2   Cd	Cu2Mn3O8	A2B3X8	971	Cu	2	Mn	4	Mn	4	0	-2
Cacidada   ABX3 - other   Acta Cryst B 64, 702-707 (2008)   Cu   1   Cd   2   Cd   2   Cl   -1	CuAlAsO5	ABB'X5	91551	Cu	2	Al	3	As	5	0	-2
CuCd13         A883 – other         Acta Cryst B 64, 702-707 (2008)         Cu         I         Cd         2         Cd         2         I         -1           CuFePOS         ABBTXS         93582         Cu         2         Fe         3         P         5         0         -2           CuInVOS         ABBTXS         89606         Cu         2         In         3         P         5         0         -2           CuInVOS         ABBTXS         151090         Cu         1         Nb         5         Nb         5         0         -2           CuRb5108         ARDXX         141099         Cu         1         Nb         5         Nb         5         0         -2           CuB703         ABXA         141099         Cu         1         P         5         P         5         0         -2           CuB703         ABXA         414107         Cu         1         P         5         P         5         O         -2           CuB203         ABZXS         603         Cu         2         Se         4         Se         4         0         -2           CuV8c205         AB	CuCaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cu	1	Ca	2	Ca	2	Cl	-1
CufePOS         ABB'XS         93582         Cu         2         Fe         3         P         5         0         -2           CulaPOS         ABB'XS         89606         Cu         2         In         3         P         5         0         -2           CulaPOS         ABILIXS         151080         Cu         2         In         3         V         5         0         -2           CulaStor         ABIXX         141079         Cu         1         Nb         5         Nb         5         0         -2           CulPO3         ABX3-other         J Alloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         0         -2           CulPO3         ABX3-other         J Alloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         0         -2           CulPO3         ABX3-other         J Alloy and Compounds, 372, 40-48 (2008)         Cu         2         Te         4         Te         4         0         -2           CulPO3         ABX3-other         Acta Cryst B 64, 702-707 (2008)         Cu         2         7         4         1	CuCdCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cu	1	Cd	2	Cd	2	Cl	-1
CulnPOS         ABBYXS         88906         Cu         2         In         3         P         5         O         -2           CulnVOS         ABBYXS         151080         Cu         2         In         3         V         5         O         -2           CulNoSDOS         ABBXYS         141099         Cu         1         Nb         5         Nb         5         O         -2           CulPO3         ABX3-other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         O         -2           CulPO3         ABX3-other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         O         -2           CulPO3         ABX3-other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         O         -2           CulTc205         ABZX5         603         Cu         2         T         4         Te         4         O         -2           CulTc205         ABBX5         Asca Cryst B 64, 702-707 (2008)         Cu         1         Zn         2         Zn	CuCdI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cu	1	Cd	2	Cd	2	I	-1
CulavO5         ABB*XS         151080         Cu         2         In         3         V         5         0         -2           Cubb308         ABIXB         14099         Cu         1         Nb         5         Nb         5         0         -2           CuPo3         AB3X7         414107         Cu         1         Pb         2         Pb         2         Br         -1           CuPO3         ABX3- other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         Pb         5         Pb         5         O         -2           CuSe205         ABZX5         603         Cu         2         Se         4         Se         4         O         -2           CuVe205         ABZX5         2542         Cu         2         Te         4         Te         4         O         -2           CuVe307         ABBYX5         Acta Ctyst B 64, 702-707 (2008)         Cu         1         Zm         2         Zm         4         O         -2           CuVe3010         ABX3- other         Acta Ctyst B 64, 702-707 (2008)         Cu         2         Zm         4         Ti         4         O <t< td=""><td>CuFePO5</td><td>ABB'X5</td><td>93582</td><td>Cu</td><td>2</td><td>Fe</td><td>3</td><td>P</td><td>5</td><td>0</td><td>-2</td></t<>	CuFePO5	ABB'X5	93582	Cu	2	Fe	3	P	5	0	-2
Cubision         ABBXXS         140090         Cu         1         Nb         5         Nb         5         O         -2           CuPo3a         AB3X7         414107         Cu         1         Pb         2         Pb         2         Br         -1           CuPo3         ABX3- other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         O         -2           CuSe205         AB2X5         603         Cu         2         Se         4         Se         4         O         -2           CuVse207         ABB2X5         2542         Cu         2         Te         4         Te         4         O         -2           CuVse207         ABB 2X7         88704         Cu         2         V         4         Se         4         O         -2           CuVse207         ABB 2X7         88704         Cu         2         V         4         Se         4         O         -2           CuVse207         ABB 2X7         88704         Cu         2         Zr         4         Ti         4         O         -2           CuVse105<	CuInPO5	ABB'X5	89606	Cu	2	In	3	P	5	0	-2
CuPoSB77         AB3X7         414107         Cu         1         Pb         2         Pb         2         Br         -1           CuPO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Cu         1         Pb         5         Pb         5         O         -2           CuSe205         AB2X5         603         Cu         2         Se         4         Se         4         O         -2           CuTe205         AB2X5         2542         Cu         2         Te         4         Te         4         O         -2           CuVeSe207         ABB 2X7         88704         Cu         2         V         4         Se         4         O         -2           CuZnCI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cu         1         Zn         2         Zn         4         O         -2           CuZnCIGS         ABB 3         Abt 3         Cu         2         Zr         4         Ti         4         O         -2           Dy2B03         ABS 3         174286         Cu         2         Zr         4         Ti         4         O         -2	CuInVO5	ABB'X5	151080	Cu	2	In	3	v	5	О	-2
CuPO3         ABX3 - other         JAlloy and Compounds, 372, 40-48 (2008)         Cu         1         P         5         P         5         O         -2           CuSe205         AB2X5         603         Cu         2         Se         4         Se         4         O         -2           CuTe205         AB2X5         2542         Cu         2         Te         4         Te         4         O         -2           CuVse207         ABB 2X7         88704         Cu         2         V         4         Se         4         O         -2           CuZrG13         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Cu         1         Zn         2         Zn         2         Cl         1-1           CuZrG105         ABB X3         114286         Cu         2         Zr         4         Ti         4         O         -2           Dy2GuTi06         A2B2BX7         39121         Dy         3         Be         2         Ge         4         Ge         -2           Dy2GuTi06         A2BBX6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         B         3         B         3	CuNb3O8	AB3X8	14099	Cu	1	Nb	5	Nb	5	0	-2
CuSe2O5 AB2X5 663 Cu 2 Se 4 Se 4 O -2  CuTe2O5 AB2X5 2542 Cu 2 Te 4 Te 4 Te 4 O -2  CuVSe2O7 ABB'2X7 88704 Cu 2 V 4 Se 4 O -2  CuZrC13 ABX3 - other Acta Cryst B 64, 702-707 (2008) Cu 1 Zn 2 Zn 2 Cl -1  CuZrT105 ABB'X5 174286 Cu 2 Zr 4 Ti 4 Ti 4 O -2  Dy2Be2GeO7 A2B2B'X7 39121 Dy 3 Be 2 Ge 4 Ge -2  Dy2Be2GeO7 A2B2B'X7 39121 Dy 3 Be 2 Ge 4 Ge -2  Dy2CuTiO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Dy 3 Be 2 Ge 4 Ge -2  Er2Be2GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Be2GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Be2GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Be2GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2Bc3GeO7 A2B2B'X7 39123 Er 3 Be 3 B 3 B 3 O -2  Er2Bc3GaGeS7 A2B2B'X7 262242 Ga 3 Eu 2 Ge 4 Ge -2  Eu2GaAGeS7 A2B2B'X7 262242 Ga 3 Eu 2 Ge 4 Ge -2  Eu2SiO4 A2BX4 - other 1510 Eu 2 Si 4 Si 4 O -2  Eu2GaGAGeS7 A2B2B'X7 262242 Ga 3 B 3 B 3 B 3 O -2  Eu2GaO4 A2BX4 - other 1510 Eu 2 Si 4 Si 4 O -2  Eu2GO3 Aragonite 109074 Eu 2 Ge 4 Ge 4 O -2  Eu2GO3 Aragonite 109074 Eu 2 Ge 4 Ge 4 O -2  Fe2GeO4 Spinel 93973 Fe 2 Ge 4 Ge 4 Ge 4 O -2  Fe2GeO4 Spinel 93973 Fe 2 Ge 4 Ge 4 Ge 4 S -2  Fe2GeO4 Spinel 93973 Fe 2 Ge 4 Ge 4 Ge 4 S -2  Fe2GeO4 Spinel 93973 Fe 2 Ge 4 Ge 4 Ge 4 S -2  Fe2GeO54 Olivine 3333 Fe 2 Ge 4 Ge 4 Ge 4 S -2  Fe2Mo308 A2B3X8 4182 Fe 2 Ge 4 Ge 4 Ge 4 S -2	CuPb3Br7	AB3X7	414107	Cu	1	Pb	2	Pb	2	Br	-1
CuTe2OS AB2XS 2542 Cu 2 Te 4 Te 4 O -2  CuVse2O7 AB8'2X7 88704 Cu 2 V 4 Se 4 O -2  CuZnCl3 AB8'2X7 Acta Cryst B 64, 702-707 (2008) Cu 1 Zn 2 Zn 2 Cl -1  CuZnCl5 ABB'XS 174286 Cu 2 Zr 4 Ti 4 O -2  Dy2Be2GeO7 A2B2B'X7 39121 Dy 3 Be 2 Ge 4 Ge -2  Dy2Be3GeO7 A2B2B'X7 39121 Dy 3 Be 2 Ge 4 Ge -2  Dy2BO3 ABX3 - other Prog. In Solid State Chem. 43 1-36 (2015) Dy 3 Ba 3 B 3 B 3 O -2  Er2Be2GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2BC3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2BC4TIO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Er 3 Ba 3 B 3 O -2  Er2BC3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2BC4TIO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Er 3 Ba 3 B 3 O -2  Er2BC3GeO7 A2B2B'X7 39123 Er 3 Be 2 Ge 4 Ge -2  Er2BC3GA2GeS7 A2B2B'X7 262242 Ga 3 Eu 2 Ge 4 Ge -2  Eu2GGA2GeS7 A2B2B'X7 262242 Ga 3 Eu 2 Ge 4 Ge -2  Eu2SiO4 A2BX4 - other 1510 Eu 2 Si 4 Si 4 O -2  EuBO3 AABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Eu 3 B 3 B 3 O -2  Eu2GSIO4 A2BX4 - other 1510 Eu 2 Si 4 Si 4 O -2  EuBO3 AABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Eu 3 B 3 B 3 O -2  Eu2GSIO4 A2BX4 - other 1510 Eu 2 Si 4 Si 4 O -2  Eu2GGO4 Spinel 93973 Fe 2 Ge 4 Ge 4 O -2  Fe2GeO4 Spinel 93973 Fe 2 Ge 4 Ge 4 Si -2  Fe2GeS4 Olivine 3333 Fe 2 Ge 4 Ge 4 Si -2  Fe2GeS4 Olivine 3333 Fe 2 Ge 4 Ge 4 Si -2  Fe2GeS4 Olivine 3333 Fe 2 Ge 4 Ge 4 Si -2  Fe2Mo3O8 A2B3X8 4182 Fe 2 Ge 4 Ge 4 Si -2  En2Mo3O8 A2B3X8 4182 Fe 2 Ge 4 Ge 4 Si -2	CuPO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Cu	1	P	5	P	5	О	-2
CuVSe207         ABB°2X7         88704         Cu         2         V         4         Se         4         O         -2           CuZaCI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cu         1         Zn         2         Zn         2         Cl         -1           CuZrfiO5         ABB°XS         174286         Cu         2         Zr         4         Ti         4         O         -2           Dy2Be2Ge07         A2B2B°X7         39121         Dy         3         Be         2         Ge         4         Ge         -2           Dy2CuTiO6         A2BB°X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         Cu         2         Ti         4         O         -2           Er2Be2Ge07         A2B2B°X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2Be2Ge07         A2B2B°X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB°X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         B         3         <	CuSe2O5	AB2X5	603	Cu	2	Se	4	Se	4	0	-2
CuZnCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Cu         1         Zn         2         Zn         2         Cl         -1           CuZrTIOS         ABB'XS         174286         Cu         2         Zr         4         Ti         4         0         -2           Dy2Be2GeO7         A2B2B'X7         39121         Dy         3         Be         2         Ge         4         Ge         -2           Dy2CuTIO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         Cu         2         Ti         4         O         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         O         -2           ErBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Er         3 <t< td=""><td>CuTe2O5</td><td>AB2X5</td><td>2542</td><td>Cu</td><td>2</td><td>Те</td><td>4</td><td>Те</td><td>4</td><td>0</td><td>-2</td></t<>	CuTe2O5	AB2X5	2542	Cu	2	Те	4	Те	4	0	-2
CuZrTiOS         ABB'XS         174286         Cu         2         Zr         4         Ti         4         O         -2           Dy2Be2GeO7         A2B2B'X7         39121         Dy         3         Be         2         Ge         4         Ge         -2           Dy2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         Cu         2         Ti         4         O         -2           DyBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Dy         3         B         3         B         3         O         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Cu         2         Ti         4         O         -2           ErBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         <	CuVSe2O7	ABB'2X7	88704	Cu	2	V	4	Se	4	О	-2
Dy2Be2GeO7         A2B2B'X7         39121         Dy         3         Be         2         Ge         4         Ge         -2           Dy2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         Cu         2         Ti         4         O         -2           DyBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Dy         3         B         3         B         3         O         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         O         -2           ErBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         B         3         A         O         -2           Eu2SiO4         A2BX4 – other	CuZnCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Cu	1	Zn	2	Zn	2	Cl	-1
Dy2CuTiO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Dy         3         Cu         2         Ti         4         0         -2           DyBO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         Dy         3         B         3         B         3         O         -2           Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB'X6 - other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         0         -2           ErBO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         O         -2           Eu2Ga2GeS7         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 - other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)	CuZrTiO5	ABB'X5	174286	Cu	2	Zr	4	Ti	4	0	-2
DyBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Dy         3         B         3         B         3         O         -2           Er2Be2Ge07         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         O         -2           ErBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         O         -2           Eu2Ga2Ge87         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu <td>Dy2Be2GeO7</td> <td>A2B2B'X7</td> <td>39121</td> <td>Dy</td> <td>3</td> <td>Ве</td> <td>2</td> <td>Ge</td> <td>4</td> <td>Ge</td> <td>-2</td>	Dy2Be2GeO7	A2B2B'X7	39121	Dy	3	Ве	2	Ge	4	Ge	-2
Er2Be2GeO7         A2B2B'X7         39123         Er         3         Be         2         Ge         4         Ge         -2           Er2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         0         -2           ErBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         O         -2           Eu2Ga2GeS7         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge </td <td>Dy2CuTiO6</td> <td>A2BB'X6 – other</td> <td>Prog. In Solid State Chem. 43 1-36 (2015)</td> <td>Dy</td> <td>3</td> <td>Cu</td> <td>2</td> <td>Ti</td> <td>4</td> <td>0</td> <td>-2</td>	Dy2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Dy	3	Cu	2	Ti	4	0	-2
Er2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Er         3         Cu         2         Ti         4         0         -2           ErBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         O         -2           Eu2Ga2GeS7         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2Mo3O8         A2B3X8         4182         Fe         2         Mo         4         Mo	DyBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Dy	3	В	3	В	3	О	-2
ErBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Er         3         B         3         B         3         O         -2           Eu2Ga2GeS7         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo3O8         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	Er2Be2GeO7	A2B2B'X7	39123	Er	3	Ве	2	Ge	4	Ge	-2
Eu2Ga2GeS7         A2B2B'X7         262242         Ga         3         Eu         2         Ge         4         Ge         -2           Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo308         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	Er2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Er	3	Cu	2	Ti	4	0	-2
Eu2SiO4         A2BX4 – other         1510         Eu         2         Si         4         Si         4         O         -2           EuBO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo308         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	ErBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Er	3	В	3	В	3	О	-2
EuBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Eu         3         B         3         B         3         O         -2           EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo3O8         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	Eu2Ga2GeS7	A2B2B'X7	262242	Ga	3	Eu	2	Ge	4	Ge	-2
EuCO3         Aragonite         109074         Eu         2         C         4         C         4         O         -2           Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo3O8         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	Eu2SiO4	A2BX4 – other	1510	Eu	2	Si	4	Si	4	0	-2
Fe2GeO4         Spinel         93973         Fe         2         Ge         4         Ge         4         O         -2           Fe2GeS4         Olivine         333         Fe         2         Ge         4         Ge         4         S         -2           Fe2Mo3O8         A2B3X8         4182         Fe         2         Mo         4         Mo         4         O         -2	EuBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Eu	3	В	3	В	3	0	-2
Fe2GeS4 Olivine 333 Fe 2 Ge 4 Ge 4 S -2 Fe2Mo3O8 A2B3X8 4182 Fe 2 Mo 4 Mo 4 O -2	EuCO3	Aragonite	109074	Eu	2	С	4	С	4	О	-2
Fe2Mo3O8 A2B3X8 4182 Fe 2 Mo 4 Mo 4 O -2	Fe2GeO4	Spinel	93973	Fe	2	Ge	4	Ge	4	О	-2
	Fe2GeS4	Olivine	333	Fe	2	Ge	4	Ge	4	S	-2
Fe2O3 Pyroxene 189439 Fe 3 Fe 3 O -2	Fe2Mo3O8	A2B3X8	4182	Fe	2	Мо	4	Мо	4	О	-2
	Fe2O3	Pyroxene	189439	Fe	3	Fe	3	Fe	3	О	-2

Fe2SiO4	Spinel	100552	Fe	2	Si	4	Si	4	О	-2
Fe2SiS4	Olivine	332	Fe	2	Si	4	Si	4	S	-2
FeAlPO5	ABB'X5	74760	Fe	2	Al	3	P	5	О	-2
FeBO3	Calcite	34474	Fe	3	В	3	В	3	О	-2
FeCO3	Calcite	100678	Fe	2	С	4	С	4	О	-2
FeTh2S5	AB2X5	633325	Fe	2	Th	4	Th	4	s	-2
FeTh2Se5	AB2X5	633494	Fe	2	Th	4	Th	4	Se	-2
FeTiO3	Ilmenite	9805	Fe	2	Ti	4	Ti	4	О	-2
FeU2S5	AB2X5	41899	Fe	2	U	4	U	4	Se	-2
GaAlO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Ga	3	Al	3	Al	3	О	-2
GaBO3	Calcite	429062	Ga	3	В	3	В	3	О	-2
Gd2Be2GeO7	A2B2B'X7	39120	Gd	3	Ве	2	Ge	4	Ge	-2
GdBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Gd	3	В	3	В	3	О	-2
GdYO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Gd	3	Y	3	Y	3	О	-2
Hg2CdSeO6	A2BB'X6 - other	413288	Hg	2	Cd	2	Se	6	О	-2
Ho2CuTiO6	A2BB'X6 - other	Prog. In Solid State Chem. 43 1-36 (2015)	Но	3	Cu	2	Ti	4	О	-2
НоВО3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Но	3	В	3	В	3	О	-2
In2BiGaS6	A2BB'X6 – other	410032	In	3	Bi	3	Ga	3	О	-2
InBO3	Calcite	75254	In	3	В	3	В	3	О	-2
InFeO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	In	3	Fe	3	Fe	3	О	-2
K2CsBiCl6	A2BB'X6 - other	201983	K	1	Cs	1	Bi	3	Cl	-1
K2P2ScSe6	A2B2B'X7	239570	Sc	3	P	5	K	1	K	-2
K2SbPO6	A2BB'X6 – other	201788	K	1	Sb	5	P	5	О	-2
K2SeMoO6	A2BB'X6 - other	412999	K	1	Se	4	Мо	6	О	-2
K2VPO6	A2BB'X6 - other	72977	K	1	V	5	P	5	О	-2
K3BeF5	A3BX5	14114	K	1	Ве	2	Ве	2	F	-1
KAlAs2O7	ABB'2X7	79711	Al	3	K	1	As	5	О	-2
KAlP2O7	ABB'2X7	2888	Al	3	K	1	P	5	О	-2
KAsO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	K	1	As	5	As	5	О	-2
KAuP2O7	ABB'2X7	165325	Au	3	K	1	P	5	О	-2
KBaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Ва	2	Ва	2	Br	-1
KBaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Ba	2	Ba	2	Cl	-1
KBaF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Ba	2	Ba	2	F	-1
KBeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Ве	2	Ве	2	Cl	-1
			1		L					

KBiP2S7	ABB'2X7	74019	Bi	3	K	1	P	5	s	-2
KCdI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Cd	2	Cd	2	I	-1
KCoBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Co	2	Co	2	Br	-1
KCoI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Co	2	Co	2	I	-1
KCr3O8	AB3X8	15921	K	1	Cr	5	Cr	5	О	-2
KCrP2O7	ABB'2X7	84318	Cr	3	K	1	P	5	О	-2
KCrV2O7	ABB'2X7	245133	Cr	3	K	1	V	5	О	-2
KErP2S7	ABB'2X7	415671	Er	3	K	1	P	5	s	-2
KEu2I5	AB2X5	41100	K	1	Eu	2	Eu	2	I	-1
KFeAs2O7	ABB'2X7	160288	Fe	3	K	1	As	5	0	-2
KFeP2O7	ABB'2X7	86309	Fe	3	K	1	P	5	О	-2
KGaAs2O7	ABB'2X7	82391	Ga	3	K	1	As	5	О	-2
KGaP2O7	ABB'2X7	86310	Ga	3	K	1	P	5	О	-2
KHgI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Hg	2	Hg	2	I	-1
KInP2O7	ABB'2X7	240260	In	3	K	1	P	5	О	-2
KInP2S7	ABB'2X7	91755	In	3	K	1	P	5	s	-2
KLuP2O7	ABB'2X7	160191	Lu	3	K	1	P	5	О	-2
KMgI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Mg	2	Mg	2	I	-1
KMnI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Mn	2	Mn	2	I	-1
KMoP2O7	ABB'2X7	65656	Mo	3	K	1	P	5	О	-2
KNiCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Ni	2	Ni	2	Cl	-1
KNO3	Aragonite	10289	K	1	N	5	N	5	О	-2
KPb2Cl5	AB2X5	416431	K	1	Pb	2	Pb	2	Cl	-1
KPO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	K	1	P	5	P	5	О	-2
KPuP2S7	ABB'2X7	94908	Pu	3	K	1	P	5	s	-2
KSbO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	K	1	Sb	5	Sb	5	О	-2
KSmP2S7	ABB'2X7	93760	Sm	3	K	1	P	5	s	-2
KSrCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	K	1	Sr	2	Sr	2	Cl	-1
KTiP2O7	ABB'2X7	90013	Ti	3	K	1	P	5	О	-2
KVO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	K	1	V	5	V	5	О	-2
KVP2O7	ABB'2X7	68625	V	3	K	1	P	5	О	-2
KVP2S7	ABB'2X7	91756	v	3	K	1	P	5	s	-2
KYbP2O7	ABB'2X7	240717	Yb	3	K	1	P	5	О	-2
KYP2O7	ABB'2X7	75171	Y	3	K	1	P	5	О	-2

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La2Be2GeO7	A2B2B'X7	39117	La	3	Ве	2	Ge	4	Ge	-2
La2Ca2MnO7	A2B2B'X7	97454	La	3	Ca	2	Mn	4	Mn	-2
La2KNbO6	A2BB'X6 - other	160450	La	3	K	1	Nb	5	О	-2
LaBO3	Aragonite	35535	La	3	В	3	В	3	О	-2
Li2BeF4	A2BX4 – other	14360	Li	1	Be	2	Ве	2	F	-1
Li2MoTeO6	A2BB'X6 - other	250677	Li	1	Те	4	Мо	6	О	-2
Li2SnTeO6	A2BB'X6 - other	40256	Li	1	Sn	4	Те	6	0	-2
Li2WTeO6	A2BB'X6 - other	250678	Li	1	Те	4	W	6	О	-2
Li2ZnBr4	Olivine	73223	Li	1	Zn	2	Zn	2	Br	-1
Li2ZnCl4	Spinel	202743	Li	1	Zn	2	Zn	2	Cl	-1
Li2ZnI4	Olivine	69032	Li	1	Zn	2	Zn	2	I	-1
Li2ZrTeO6	A2BB'X6 - other	71488	Li	1	Zr	4	Те	6	О	-2
LiAlAs2O7	ABB'2X7	161498	Al	3	Li	1	As	5	О	-2
LiAsO3	Ilmenite	202862	Li	1	As	5	As	5	О	-2
LiBaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Ba	2	Ba	2	Br	-1
LiBaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Ba	2	Ba	2	Cl	-1
LiBeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Be	2	Ве	2	Cl	-1
LiBiO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Li	1	Bi	5	Bi	5	О	-2
LiCaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Ca	2	Ca	2	Br	-1
LiCaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Ca	2	Ca	2	Cl	-1
LiCaF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Ca	2	Ca	2	F	-1
LiCoBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Co	2	Co	2	Br	-1
LiCrCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Cr	2	Cr	2	Cl	-1
LiCrP2O7	ABB'2X7	240965	Cr	3	Li	1	P	5	О	-2
LiDy2Br5	AB2X5	402192	Li	1	Dy	2	Dy	2	Br	-1
LiDy2C15	AB2X5	35763	Li	1	Dy	2	Dy	2	Cl	-1
LiFeAs2O7	ABB'2X7	75180	Fe	3	Li	1	As	5	О	-2
LiFeP2O7	ABB'2X7	69197	Fe	3	Li	1	P	5	О	-2
LiGaAs2O7	ABB'2X7	161500	Ga	3	Li	1	As	5	О	-2
LiInP2O7	ABB'2X7	60935	In	3	Li	1	P	5	О	-2
LiKTmF5	ABB'X5	428536	Li	1	K	1	Tm	3	F	-1
LiKYF5	ABB'X5	39668	Li	1	K	1	Y	3	F	-1
LiMgBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Mg	2	Mg	2	Br	-1
LiMgCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Li	1	Mg	2	Mg	2	Cl	-1

LiMgF3
LiMnF3
LiMn13 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 Mn 2 Mn 2 I -1  LiMnP2O7 ABB*2X7 415153 Mn 3 Li 1 P 5 O -2  LiMoP2O7 ABB*2X7 668522 Mo 3 Li 1 P 5 O -2  LiMoP2O7 ABB*2X7 Acta Cryst B 64, 702-707 (2008) Li 1 Ni 2 Ni 2 C1 -1  LiNC13 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 2 P D 2 Br -1  LiPoBr3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 2 P D 2 F -1  LiPoBr3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 2 P D 2 F -1  LiPoBr3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 2 P D 2 F -1  LiPoBr3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 2 P D 2 F -1  LiPoBr3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 5 P 5 O -2  LiSbO3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 5 P 5 O -2  LiSbO3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 P D 5 P 5 O -2  LiScAs2O7 ABB*2X7 161499 Sc 3 Li 1 As 5 O -2  LiScAs2O7 ABB*2X7 91496 Sc 3 Li 1 P 5 O -2  LiScP2O7 ABB*2X7 91496 Sc 3 Li 1 P 5 O -2  LiScP2O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 P 5 O -2  LiTip²O7 ABB*2X7 166164 Ti 3 Li 1 Trm 2 Trm 2 C1 -1  LiTip²O7 ABB*2X7 166164 Ti 3 V 2 V 2 C1 -1  LiVO3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 V 5 V 5 O -2
LiMinP2O7   ABB'2X7
LiMoP2O7         ABB*2X7         68522         Mo         3         Li         1         P         5         O         -2           LiNiCl3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Ni         2         Ni         2         Cl         -1           LiNO3         Calcite         33661         Li         1         N         5         N         5         O         -2           LiPbBr3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Br         -1           LiPbCl3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Cl         -1           LiPbG         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPO3         ABX3 - other         JAlloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiSch23207         ABB*2X7         161499         Sc         3         Li
LiNiCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Ni         2         Ni         2         Cl         -1           LiNO3         Calcite         33661         Li         1         N         5         N         5         O         -2           LiPbBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Br         -1           LiPbCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Cl         -1           LiPbG3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPbG3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPbG3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs207         ABB2X7         161499         Sc         3
LiNO3         Calcite         33661         Li         1         N         5         N         5         O         -2           LiPbBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Br         -1           LiPbCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Cl         -1           LiPbF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiSch203         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiSch2207         ABB <sup>2</sup> 2X7         161499         Sc         3         Li         1         As         5         O         -2           LiSch2207         ABB <sup>2</sup> 2X7         91496         Sc         3         Li
LiPbBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Br         -1           LiPbC13         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Cl         -1           LiPbF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiScD3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs207         ABB'2X7         161499         Sc         3         Li         1         As         5         O         -2           LiScP207         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiSrBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1
LiPbCl3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         Cl         -1           LiPbF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiSbO3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs2O7         ABB'2X7         161499         Sc         3         Li         1         As         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiTHP2O7         ABB'2X7         166164         Ti         3         Li         1         P </td
LiPbF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Pb         2         Pb         2         F         -1           LiPO3         ABX3 – other         JAlloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiSbO3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs2O7         ABB'2X7         161499         Sc         3         Li         1         As         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiSrBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTm2C15         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVC13         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V
LiPO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         P         5         P         5         O         -2           LiSbO3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs2O7         ABB'2X7         161499         Sc         3         Li         1         As         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiScP2O7         ABB'2X7         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTiP2O7         ABB'2X7         166164         Ti         3         Li         1         P         5         O         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2 <td< td=""></td<>
LiSbO3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sb         5         Sb         5         O         -2           LiScAs2O7         ABB'2X7         161499         Sc         3         Li         1         As         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiSrBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTip2O7         ABB'2X7         166164         Ti         3         Li         1         P         5         O         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl
LiScAs2O7         ABB'2X7         161499         Sc         3         Li         1         As         5         0         -2           LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         0         -2           LiScBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTip2O7         ABB'2X7         166164         Ti         3         Li         1         P         5         0         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiScP2O7         ABB'2X7         91496         Sc         3         Li         1         P         5         O         -2           LiSrBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTiP2O7         ABB'2X7         166164         Ti         3         Li         1         P         5         O         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiSrBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         Sr         2         Sr         2         Br         -1           LiTip207         ABB'2X7         166164         Ti         3         Li         1         P         5         0         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiTiP2O7         ABB'2X7         166164         Ti         3         Li         1         P         5         O         -2           LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiTm2Cl5         AB2X5         201996         Li         1         Tm         2         Tm         2         Cl         -1           LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiVCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Li         1         V         2         V         2         Cl         -1           LiVO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Li         1         V         5         V         5         O         -2
LiVO3 ABX3 – other JAlloy and Compounds, 372, 40-48 (2008) Li 1 V 5 V 5 O -2
LIVEROT APPRAYT SOSSI V 2 Li I D 5 O 2
LIVEZU/ ABB ZX/ 80331 V 3 LI I F 3 U -2
LiVPO6 A2BB'X6 - other 73868 Li 1 V 5 P 5 O -2
LiYb2Cl5 AB2X5 87594 Li 1 Yb 2 Yb 2 Cl -1
LiZnF3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Li 1 Zn 2 Zn 2 F -1
Lu2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Lu         3         Cu         2         Ti         4         O         -2
Lu2MnTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Lu         3         Mn         2         Ti         4         O         -2
LuBO3         Calcite         16525         Lu         3         B         3         B         3         O         -2
Mg2BiAsO6         A2BB'X6 - other         73895         Mg         2         Bi         3         As         5         O         -2
Mg2BiPO6         A2BB'X6 – other         73894         Mg         2         Bi         3         P         5         O         -2
Mg2GeO4 Spinel 1086 Mg 2 Ge 4 Ge 4 O -2
Mg2GeS4         Olivine         23525         Mg         2         Ge         4         Ge         4         S         -2
Mg2GeSe4         Olivine         252050         Mg         2         Ge         4         Ge         4         Se         -2
Mg2Mo3O8 A2B3X8 82362 Mg 2 Mo 4 Mo 4 O -2
Mg2SiS4 Olivine 642791 Mg 2 Si 4 Si 4 S -2

Mg2SiSe4	Olivine	642818	Mg	2	Si	4	Si	4	Se	-2
Mg2SnS4	Olivine	642793	Mg	2	Sn	4	Sn	4	S	-2
Mg2SnSe4	Olivine	642819	Mg	2	Sn	4	Sn	4	Se	-2
MgAlPO5	ABB'X5	74773	Mg	2	Al	3	P	5	О	-2
MgCO3	Calcite	10264	Mg	2	С	4	С	4	О	-2
MgSe2O5	AB2X5	402917	Mg	2	Se	4	Se	4	О	-2
MgSiO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Mg	2	SI	4	SI	4	О	-2
MgSnO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Mg	2	Sn	4	Sn	4	О	-2
MgTe2O5	AB2X5	4318	Mg	2	Те	4	Те	4	0	-2
MgTiO3	Ilmenite	65794	Mg	2	Ti	4	Ti	4	0	-2
MgV2O5	AB2X5	86102	Mg	2	V	4	V	4	О	-2
Mn2FeWO6	A2BB'X6 – other	429619	Mn	2	Fe	2	w	6	0	-2
Mn2GeS4	Olivine	23582	Mn	2	Ge	4	Ge	4	s	-2
Mn2Mo3O8	A2B3X8	10144	Mn	2	Мо	4	Мо	4	0	-2
Mn2SiO4	Olivine	26376	Mn	2	Si	4	Si	4	О	-2
Mn2SiS4	Olivine	24141	Mn	2	Si	4	Si	4	s	-2
Mn2SiSe4	Olivine	80957	Mn	2	Si	4	Si	4	Se	-2
Mn2SnSe4	Olivine	643596	Mn	2	Sn	4	Sn	4	Se	-2
Mn2SnTe4	Olivine	169812	Mn	2	Sn	4	Sn	4	Те	-2
MnCO3	Calcite	80867	Mn	2	С	4	С	4	О	-2
MnGeO3	Ilmenite	40333	Mn	2	Ge	4	Ge	4	0	-2
MnSe2O5	AB2X5	27518	Mn	2	Se	4	Se	4	О	-2
MnSnO3	Ilmenite	29203	Mn	2	Sn	4	Sn	4	0	-2
MnTe2O5	AB2X5	15844	Mn	2	Те	4	Те	4	0	-2
MnTeV2O7	ABB'2X7	59328	Mn	2	Te	4	v	4	О	-2
Na2BeF4	Olivine	12101	Na	1	Be	2	Ве	2	F	-1
Na2CoCl4	Olivine	813	Na	1	Co	2	Co	2	Cl	-1
Na2CrCl4	A2BX4 – other	66201	Na	1	Cr	2	Cr	2	Cl	-1
Na2GeTeO6	A2BB'X6 – other	88789	Na	1	Ge	4	Те	6	О	-2
Na2NbAsO6	A2BB'X6 – other	280157	Na	1	Nb	5	As	5	О	-2
Na2SeMoO6	A2BB'X6 – other	412998	Na	1	Se	4	Мо	6	О	-2
Na2Ti3Cl8	A2B3X8	401026	Na	1	Ti	2	Ti	2	Cl	-1
Na2USiO6	A2BB'X6 – other	24975	Na	1	U	6	Si	4	О	-2
Na2ZnBr4	Olivine	73224	Na	1	Zn	2	Zn	2	Br	-1
		I .	1							

NSEZINCIA   Olivine   S14											
NaAlP2OT   ABB 2X7	Na2ZnCl4	Olivine	814	Na	1	Zn	2	Zn	2	Cl	-1
NaAc603	NaAlAs2O7	ABB'2X7	75142	Al	3	Na	1	As	5	О	-2
NaBaBid   ABX3 - other	NaAlP2O7	ABB'2X7	400462	Al	3	Na	1	P	5	О	-2
NaBacCl3         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ba         2         Ba         2         Cl         -1           NaBacT3         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ba         2         Ba         2         F         -1           NaBacT3         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Be         2         Be         2         Cl         -1           NaGalG3         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         Br         -1           NaCaC13         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         Br         -1           NaCaC13         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         F         -1           NaCaC13         ABX3 - other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         F         -1           NaCaC13         ABX3 - other         Acta Ctyst	NaAsO3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	As	5	As	5	О	-2
NaBaF3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ba         2         Ba         2         F         -1           NaBaC3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Be         2         Be         2         CI         -1           NaBo33         Ilmenite         27553         Na         1         Bi         5         Bi         5         O         -2           NaCaB3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         BF         -1           NaCaC13         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         CI         -1           NaCaE3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         F         -1           NaCaB3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         F         -1           NaCaB3         ABX3-other         Acta Ctyst B 64, 702-707 (2008)         Na	NaBaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ba	2	Ba	2	Br	-1
NaBeCB   ABX3 - other   Acta Cryst B 64,702-707 (2008)   Na   1   Be   2   Be   2   CI   -1	NaBaC13	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ва	2	Ва	2	Cl	-1
NaBiol   Illmenite   27553	NaBaF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ва	2	Ва	2	F	-1
NaCaBb3   ABX3 - other	NaBeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ве	2	Ве	2	Cl	-1
NaCaCl3 ABX3 - other	NaBiO3	Ilmenite	27553	Na	1	Bi	5	Bi	5	О	-2
NaCaF3   ABX3 - other   Acta Cryst B 64, 702-707 (2008)   Na   1   Ca   2   Ca   2   F   -1	NaCaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ca	2	Ca	2	Br	-1
NaCaI3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Ca         2         Ca         2         I         -1           NaCaBr3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         Br         -1           NaCdI3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         CI         -1           NaCdF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         F         -1           NaCdF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         F         -1           NaCdF207         ABB*2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCeP2O7         ABB*2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeX3C16         ABB*3X6         23182         Na         1         Fe <t< td=""><td>NaCaCl3</td><td>ABX3 – other</td><td>Acta Cryst B 64, 702-707 (2008)</td><td>Na</td><td>1</td><td>Ca</td><td>2</td><td>Ca</td><td>2</td><td>Cl</td><td>-1</td></t<>	NaCaCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ca	2	Ca	2	Cl	-1
NaCdBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         Br         -1           NaCdCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         Cl         -1           NaCdF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         F         -1           NaCdF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         I         -1           NaCdF207         ABB*2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCrP207         ABB*2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFex3C16         ABB*3X6         23182         Na         1         Fe         3         K         1         C1         -1           NaFex3C16         ABB*2X7         38367         Fe         3         Na         1         P	NaCaF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ca	2	Ca	2	F	-1
NaCdC13         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         Cl         -1           NaCdF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         F         -1           NaCdF3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         I         -1           NaCdF207         ABB*2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCrP207         ABB*2X7         151525         Eu         3         Na         1         P         5         O         -2           NaEuP207         ABB*2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3Cl6         ABB*3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeP207         ABB*2X7         38367         Fe         3         Na         1         P         5	NaCaI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ca	2	Ca	2	I	-1
NaCdF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         F         -1           NaCdF3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         I         -1           NaCdF2O7         ABB'2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCdF2O7         ABB'2X7         31291         Cr         3         Na         1         P         5         O         -2           NaEuP2O7         ABB'2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3C16         ABB'3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeX3C16         ABB'3X7         38367         Fe         3         Na         1         P         5         O         -2           NaHg13         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I<	NaCdBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Cd	2	Cd	2	Br	-1
NaCdI3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Cd         2         Cd         2         I         -1           NaCeP207         ABB'2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCeP207         ABB'2X7         31291         Cr         3         Na         1         P         5         O         -2           NaEuP207         ABB'2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3Cl6         ABB'3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeP207         ABB'3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeP207         ABB'2X7         38367         Fe         3         Na         1         P         5         O         -2           NaHgI3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         1         -1     <	NaCdCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Cd	2	Cd	2	Cl	-1
NaCeP2O7         ABB'2X7         154075         Ce         3         Na         1         P         5         O         -2           NaCrP2O7         ABB'2X7         31291         Cr         3         Na         1         P         5         O         -2           NaEuP2O7         ABB'2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3Cl6         ABB'3X6         23182         Na         1         Fe         3         K         1         CI         -1           NaFeR3Cl6         ABB'3X6         23182         Na         1         Fe         3         K         1         CI         -1           NaFeR43Cl6         ABB'3X6         23182         Na         1         P         5         O         -2           NaHep2O7         ABB'2X7         38367         Fe         3         Na         1         P         5         O         -2           NaHep3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7	NaCdF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Cd	2	Cd	2	F	-1
NaCrP2O7         ABB'2X7         31291         Cr         3         Na         1         P         5         O         -2           NaEuP2O7         ABB'2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3CI6         ABB'3X6         23182         Na         1         Fe         3         K         1         CI         -1           NaFeP2O7         ABB'2X7         38367         Fe         3         Na         1         P         5         O         -2           NaHgI3         ABX3 - other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         O         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         P         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaL	NaCdI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Cd	2	Cd	2	I	-1
NaEuP2O7         ABB'2X7         151525         Eu         3         Na         1         P         5         O         -2           NaFeK3Cl6         ABB'3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeP2O7         ABB'2X7         38367         Fe         3         Na         1         P         5         O         -2           NaHgl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         O         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaInP3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           N	NaCeP2O7	ABB'2X7	154075	Ce	3	Na	1	P	5	О	-2
NaFeK3Cl6         ABB'3X6         23182         Na         1         Fe         3         K         1         Cl         -1           NaFeP2O7         ABB'2X7         38367         Fe         3         Na         1         P         5         0         -2           NaHgl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         0         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         0         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         0         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         0         -2           NaLuP2O7         ABB'2X7         151526         La         3         Na         1         P         5         0         -2           N	NaCrP2O7	ABB'2X7	31291	Cr	3	Na	1	P	5	О	-2
NaFeP2O7         ABB'2X7         38367         Fe         3         Na         1         P         5         O         -2           NaHgI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         O         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaEuP2O7	ABB'2X7	151525	Eu	3	Na	1	P	5	О	-2
NaHgI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Hg         2         Hg         2         I         -1           NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         O         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaFeK3Cl6	ABB'3X6	23182	Na	1	Fe	3	K	1	Cl	-1
NaHoP2O7         ABB'2X7         419049         Ho         3         Na         1         P         5         O         -2           NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaFeP2O7	ABB'2X7	38367	Fe	3	Na	1	P	5	О	-2
NaInAs2O7         ABB'2X7         59304         In         3         Na         1         As         5         O         -2           NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaHgI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Hg	2	Hg	2	I	-1
NaInP2O7         ABB'2X7         240259         In         3         Na         1         P         5         O         -2           NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaHoP2O7	ABB'2X7	419049	Но	3	Na	1	P	5	О	-2
NaIrO3         Pyroxene         261371         Na         1         Ir         5         Ir         5         O         -2           NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaInAs2O7	ABB'2X7	59304	In	3	Na	1	As	5	О	-2
NaLaP2O7         ABB'2X7         151526         La         3         Na         1         P         5         O         -2           NaLuP2O7         ABB'2X7         160189         Lu         3         Na         1         P         5         O         -2	NaInP2O7	ABB'2X7	240259	In	3	Na	1	P	5	О	-2
NaLuP2O7 ABB'2X7 160189 Lu 3 Na 1 P 5 O -2	NaIrO3	Pyroxene	261371	Na	1	Ir	5	Ir	5	О	-2
	NaLaP2O7	ABB'2X7	151526	La	3	Na	1	P	5	О	-2
NaMgBr3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Mg         2         Mg         2         Br         -1	NaLuP2O7	ABB'2X7	160189	Lu	3	Na	1	P	5	О	-2
	NaMgBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Mg	2	Mg	2	Br	-1
NaMgI3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         Na         1         Mg         2         Mg         2         I         -1	NaMgI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Mg	2	Mg	2	I	-1
NaMnCl3         Ilmenite         2552         Na         1         Mn         2         Mn         2         Cl         -1	NaMnCl3	Ilmenite	2552	Na	1	Mn	2	Mn	2	Cl	-1
NaMoP2O7 ABB'2X7 202644 Mo 3 Na 1 P 5 O -2	NaMoP2O7	ABB'2X7	202644	Мо	3	Na	1	P	5	О	-2
NaNiCl3 ABX3 – other Acta Cryst B 64, 702-707 (2008) Na 1 Ni 2 Ni 2 Cl -1	NaNiCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Ni	2	Ni	2	Cl	-1

NaNO3	Calcite	14185	Na	1	N	5	N	5	О	-2
NaPbCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Pb	2	Pb	2	Cl	-1
NaPbF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Pb	2	Pb	2	F	-1
NaPO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Na	1	P	5	P	5	0	-2
NaScAs2O7	ABB'2X7	161501	Sc	3	Na	1	As	5	О	-2
NaScP2O7	ABB'2X7	260594	Sc	3	Na	1	P	5	О	-2
NaSrBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Sr	2	Sr	2	Br	-1
NaSrCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Na	1	Sr	2	Sr	2	Cl	-1
NaTiP2O7	ABB'2X7	202751	Ti	3	Na	1	P	5	О	-2
NaVP2O7	ABB'2X7	65696	v	3	Na	1	P	5	О	-2
NaYbP2O7	ABB'2X7	409801	Yb	3	Na	1	P	5	О	-2
NaYP2O7	ABB'2X7	83657	Y	3	Na	1	P	5	О	-2
Nd2Be2SiO7	A2B2B'X7	73520	Nd	3	Be	2	Si	4	Si	-2
Nd2KNbO6	A2BB'X6 - other	160451	Nd	3	K	1	Nb	5	О	-2
NdBO3	Aragonite	412407	Nd	3	В	3	В	3	О	-2
Ni2GeO4	Spinel	69508	Ni	2	Ge	4	Ge	4	О	-2
Ni2InSbO6	A2BB'X6 - other	237874	Ni	3	In	3	Sb	3	О	-2
Ni2NbBO6	A2BB'X6 – other	32583	Ni	2	Nb	5	В	3	О	-2
Ni2ScSbO6	A2BB'X6 – other	237878	Ni	3	Sc	3	Sb	3	О	-2
Ni2SiO4	Spinel	2136	Ni	2	Si	4	Si	4	О	-2
Ni2Te3O8	A2B3X8	50703	Ni	2	Те	4	Те	4	0	-2
NiBiAsO5	ABB'X5	92916	Ni	2	Bi	3	As	5	О	-2
NiCO3	Calcite	61064	Ni	2	С	4	С	4	0	-2
NiFePO5	ABB'X5	93581	Ni	2	Fe	3	P	5	О	-2
NiMnO3	Ilmenite	31853	Ni	2	Mn	4	Mn	4	О	-2
NiTiO3	Ilmenite	15988	Ni	2	Ti	4	Ti	4	О	-2
Pb2BiVO6	A2BB'X6 – other	151928	Pb	2	Bi	3	v	5	О	-2
Pb2HgCrO6	A2BB'X6 – other	280778	Pb	2	Hg	2	Cr	6	О	-2
Pb2Te3O8	A2B3X8	200372	Pb	2	Те	4	Te	4	0	-2
PbBAsO5	ABB'X5	404327	Pb	2	В	3	As	5	О	-2
PbBiAsO5	ABB'X5	419124	Pb	2	Bi	3	As	5	О	-2
PbBiPO5	ABB'X5	419125	Pb	2	Bi	3	P	5	О	-2
PbBPO5	ABB'X5	93598	Pb	2	В	3	P	5	0	-2
PbCO3	Aragonite	6178	Pb	2	С	4	С	4	О	-2

PbSe2O5	AB2X5	79688	Pb	2	Se	4	Se	4	О	-2
PbSiO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Pb	2	Si	4	Si	4	О	-2
PbTeCu3O7	ABB'X3X7	405329	Pb	2	Te	6	Cu	2	О	-2
PbU2S5	AB2X5	648493	Pb	2	U	4	U	4	S	-2
PbU2Se5	AB2X5	66862	Pb	2	U	4	U	4	Se	-2
PdSe2O5	AB2X5	417900	Pd	2	Se	4	Se	4	О	-2
PrBO3	Aragonite	421745	Pr	3	В	3	В	3	0	-2
RbAlAs2O7	ABB'2X7	72508	Al	3	Rb	1	As	5	О	-2
RbBaBr3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Ba	2	Ba	2	Br	-1
RbBeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Ве	2	Ве	2	Cl	-1
RbBeF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Be	2	Ве	2	F	-1
RbCoCl3	BaNiO3 – type	24305	Rb	1	Co	2	Co	2	Cl	-1
RbCrP2O7	ABB'2X7	710074	Cr	3	Rb	1	P	5	О	-2
RbCrV2O7	ABB'2X7	245134	Cr	3	Rb	1	V	5	О	-2
RbCuCl3	BaNiO3 – type	84212	Rb	1	Cu	2	Cu	2	Cl	-1
RbCuPdF5	ABB'X5	64662	Rb	1	Cu	2	Pd	2	F	-1
RbErP2O7	ABB'2X7	421379	Er	3	Rb	1	P	5	О	-2
RbEu2I5	AB2X5	41098	Rb	1	Eu	2	Eu	2	I	-1
RbEuCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Eu	2	Eu	2	Cl	-1
RbFeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Fe	2	Fe	2	Cl	-1
RbFeP2O7	ABB'2X7	72722	Fe	3	Rb	1	P	5	О	-2
RbInAs2O7	ABB'2X7	415930	In	3	Rb	1	As	5	О	-2
RbInP2O7	ABB'2X7	240261	In	3	Rb	1	P	5	О	-2
RbLaNb2O7	ABB'2X7	75456	La	3	Rb	1	Nb	5	О	-2
RbLaTa2O7	ABB'2X7	81870	La	3	Rb	1	Та	5	О	-2
RbLuP2O7	ABB'2X7	160192	Lu	3	Rb	1	P	5	О	-2
RbMgCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Mg	2	Mg	2	Cl	-1
RbMgI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Mg	2	Mg	2	I	-1
RbMnBr3	BaNiO3 – type	14077	Rb	1	Mn	2	Mn	2	Br	-1
RbMnI3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Mn	2	Mn	2	I	-1
RbMnP2O7	ABB'2X7	247130	Mn	3	Rb	1	P	5	О	-2
RbMoP2O7	ABB'2X7	65673	Мо	3	Rb	1	P	5	О	-2
RbNbO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Rb	1	Nb	5	Nb	5	0	-2
RbNiBr3	BaNiO3 – type	15011	Rb	1	Ni	2	Ni	2	Br	-1
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RbNiCl3	BaNiO3 – type	15010	Rb	1	Ni	2	Ni	2	Cl	-1
RbPb2Br5	AB2X5	26663	Rb	1	Pb	2	Pb	2	Br	-1
RbPrNb2O7	ABB'2X7	238794	Pr	3	Rb	1	Nb	5	О	-2
RbPuP2S7	ABB'2X7	94909	Pu	3	Rb	1	P	5	S	-2
RbScAs2O7	ABB'2X7	59821	Sc	3	Rb	1	As	5	О	-2
RbSeMoO6	A2BB'X6 – other	413000	Rb	1	Se	4	Мо	6	0	-2
RbSrCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Sr	2	Sr	2	Cl	-1
RbSrF3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Sr	2	Sr	2	F	-1
RbTaO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Rb	1	TA	5	TA	5	0	-2
RbTiBr3	BaNiO3 – type	154257	Rb	1	Ti	2	Ti	2	Br	-1
RbTiCl3	BaNiO3 – type	49747	Rb	1	Ti	2	Ti	2	Cl	-1
RbTiP2O7	ABB'2X7	69848	Ti	3	Rb	1	P	5	0	-2
RbV3O8	AB3X8	50009	Rb	1	V	5	V	5	0	-2
RbVBr3	BaNiO3 – type	201831	Rb	1	V	2	v	2	Br	-1
RbVCl3	BaNiO3 – type	201828	Rb	1	V	2	V	2	Cl	-1
RbVP2S7	ABB'2X7	73782	v	3	Rb	1	P	5	0	-2
RbYP2O7	ABB'2X7	72468	Y	3	Rb	1	P	5	0	-2
RbZnCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Rb	1	Zn	2	Zn	2	Cl	-1
ScBO3	Calcite	65010	Sc	3	В	3	В	3	О	-2
SiTiSr2O7	ABB'2X7	83362	Sr	2	Si	4	Ti	4	О	-2
Sm2Be2GeO7	A2B2B'X7	39119	Sm	3	Be	2	Ge	4	Ge	-2
Sm2Ca2MnO7	A2B2B'X7	98364	Sm	3	Ca	2	Mn	4	Mn	-2
SmBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Sm	3	В	3	В	3	0	-2
SmSiO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Sm	2	Si	4	Si	4	0	-2
SmYO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Sm	3	Y	3	Y	3	О	-2
Sr2CeRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Sr	2	Ce	3	Ru	5	0	-2
Sr2CrMnO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Sr	2	Cr	4	Mn	4	О	-2
Sr2LaRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Sr	2	La	3	Ru	5	0	-2
Sr2LiReSe6	A2BB'X6 – other	246730	Sr	2	Li	1	Re	7	Se	-2
Sr2NdRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Sr	2	Nd	3	Ru	5	О	-2
Sr2PrRuO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Sr	2	Pr	3	Ru	5	О	-2
SrBPO5	ABB'X5	87894	Sr	2	В	3	P	5	О	-2
SrCO3	Aragonite	15195	Sr	2	С	4	С	4	О	-2
SrSe2O5	AB2X5	60993	Sr	2	Se	4	Se	4	О	-2
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Set											
STISS   TRANSOT - type	SrTh2Se5	AB2X5	85772	Sr	2	Th	4	Th	4	Se	-2
SeV2SE ADDVXS	SrTiGeO5	ABB'X5	158144	Sr	2	Ti	4	Ge	4	О	-2
Second   S	SrTiS3	BaNiO3 – type	651070	Sr	2	Ti	4	Ti	4	s	-2
Sezisado   ABBY 287   Prog. in Solid State Chem. 43 i.36 (2015)   To   3   Cu   2   Ti   4   O   2	SrU2S5	AB2X5	251553	Sr	2	U	4	U	4	s	-2
TibCuTiOS   AZBSY86 - other   Prog. In Solid State Chem. 43   3-6 (2015)   Tib   3	SrVSi2O7	ABB'2X7	30451	Sr	2	V	4	Si	4	0	-2
TIBO3 Calcite 402039 Ti 3 3 B 3 JB 3 O C 2 TIEPNAGO AZBRYK6 - other 72593 TI 1 P 5 Nob 5 O 2 TIEPNAGO AZBRYK6 - other 72593 TI 1 P 5 Nob 5 O 2 TIERCIS AJBX5 10138 TI 1 B 6 2 F 6 2 C I 1 TIERCIS AJBX5 2763 TI 1 B 8 2 B 8 2 B 2 C I 1 TIERCIS AJBX5 2763 TI 1 B 8 2 C B 2 C I 1 TIERCIS AJBX7 2000 B AJBX7 2000 B 1 TI 1 B 8 2 C B 2 C I 1 TIERCIS AJBX7 1 195589 C C 3 TI 1 P 5 S S 2 TICCP257 ABBY2X7 195589 C C 3 TI 1 P 7 S S S 2 TICCP257 ABBY2X7 401129 C C 3 TI 1 P 7 S O 2 TIERCIS AJBX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 D 8 2 C B 2 C C 2 C C 2 TIERCIS AJBX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 D 8 2 C B 2 C C C C C C C C C C C C C C C C	SrZrSi2O7	ABB'2X7	75272	Sr	2	Zr	4	Si	4	0	-2
TEPNSON   AZBBYSO-other   T72593	Tb2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	ТЬ	3	Cu	2	Ti	4	0	-2
TISPCIS	TiBO3	Calcite	402039	Ti	3	В	3	В	3	0	-2
Tille-215	Tl2PNbO6	A2BB'X6 – other	72593	Tl	1	P	5	Nb	5	0	-2
TIBcCl3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 Bec 2 Be 2 CI -1 TIBiP2S7 ABB*2X7 249460 Bi 3 TI 1 P 5 S 2 TICcel2S7 ABB*2X7 195309 Ce 3 TI 1 P 5 S 2 TICcel2S7 ABB*2X7 195309 TI 1 CO 2 CO 2 CI -1 TICcel2S7 ABB*2X7 401129 Cr 3 TI 1 P 5 O -2 TICcel2S7 ABB*2X7 401129 Cr 3 TI 1 P 5 O -2 TICcel2S7 ABB*2X7 401129 Cr 3 TI 1 P 5 O -2 TIBiccel3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 Beu 2 Eu 2 CI -1 TIBiAx2O7 ABB*2X7 415929 In 3 TI 1 As 5 O -2 TIMigCl3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 Mg 2 Mg 2 CI -1 TIPDCl3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 P 6 2 P 6 2 CI -1 TIPDCl3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 P 6 2 P 6 2 CI -1 TIPDCS7 ABB*2X7 195311 P 7 3 TI 1 P 5 S 5 -2 TISCO3 ABX3-order JAlloy and Compounds, 372, 40-48 (2008) TI 1 S 5 5 S 5 O -2 TISCP2S7 ABB*2X7 195312 Sc 3 TI 1 P 5 S 8 -2 TISCCL3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 S 7 S 2 S 7 C CI -1 TITPCS ABB*XS 6-6427 TI 2 TI 3 P 5 O -2 TISCCL3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 S 7 S 2 C CI -1 TITPCOS ABB*XS 6-6427 TI 2 TI 3 P 5 O -2 TIXCCL3 ABX3-order Acts Cryst B 64, 702-707 (2008) TI 1 S 7 C C C C C C C C C C C C C C C C C C	Tl3FeCl5	A3BX5	10138	Tl	1	Fe	2	Fe	2	Cl	-1
TIBIP2S7 ABB*2X7 249460 BI 3 TI 1 P 5 S -2  TICGES BaNiO3—type 155189 TI 1 CO 2 CO 2 CI -1  TICGES BaNiO3—type 155189 TI 1 CO 2 CO 2 CI -1  TICGES ABB*2X7 401129 Cr 3 TI 1 P 5 O -2  TIEUCI3 ABB*2X7 401129 Cr 3 TI 1 P 5 O -2  TIEUCI3 ABB*2X7 415929 In 3 TI 1 As 5 O -2  TIEUCI3 ABB*2X7 415929 In 3 TI 1 As 5 O -2  TIMASCOT ABB*2X7 415929 In 3 TI 1 As 5 O -2  TIMASCOT ABB*2X7 415929 In 3 TI 1 P 5 CI -1  TIPACI3 ABX3—other Acta Cryst B 64, 702-707 (2008) TI 1 P 6 C P 5 CI -1  TIPBCI3 ABX3—other Acta Cryst B 64, 702-707 (2008) TI 1 P 7 S S -2  TINGES ABB*2X7 195311 Pr 3 TI 1 P 5 S S -2  TISHO3 ABX3—other JAlloy and Compounds, 372, 40-48 (2008) TI 1 S S 5 S S 5 O -2  TISHO3 ABX3—other Acta Cryst B 64, 702-707 (2008) TI 1 S S 5 S 5 O -2  TISHO3 ABX3—other JAlloy and Compounds, 372, 40-48 (2008) TI 1 S S C C S C C C C C C C C C C C C C C	TlBe2F5	AB2X5	2763	T1	1	Be	2	Ве	2	F	-1
TICeP2S7 ABB 2X7 195309 Ce 3 TI 1 P 5 S S -2  TGCG13 BaNiO3 - type 155189 TI 1 Co 2 Co 2 Co 2 Cl -1  TIC.P2O7 ABB 2X7 401129 Cr 3 TI 1 P 5 O -2  TIEuC13 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 Bu 2 Eu 2 Cl -1  TIEuC3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 Ax 5 O -2  TIMAG13 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 P 6 2 Pb 2 Cl -1  TIPh2S3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 P 7 S S -2  TISD3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 P 7 S S -2  TISD3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 P 7 S S -2  TISD3 ABX3 - other JAIloy and Compounds, 372, 40-48 (2008) TI 1 S S S S S S S S S S S S S S S S S S	TlBeCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	T1	1	Be	2	Ве	2	Cl	-1
TICOCI3	TlBiP2S7	ABB'2X7	249460	Bi	3	Tl	1	P	5	s	-2
TICiP2O7 ABB'2X7 401129 Cr 3 TI 1 P S O -2  TIEuCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 Eu 2 Eu 2 Cl -1  TIIMA;2O7 ABB'2X7 415929 In 3 TI 1 As 5 O -2  TIMgCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 Bu 2 Mg 2 Cl -1  TIPDCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 PP 5 S S -2  TISPC13 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 PP 5 S S -2  TISPC13 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) TI 1 P 5 S S -2  TISPC2S7 ABB'2X7 PS ACTA Cryst B 64, 702-707 (2008) TI 1 P S S S -2  TISPC13 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) TI 1 S S S S S S S S S S S S S S S S S S	TlCeP2S7	ABB'2X7	195309	Ce	3	Tl	1	P	5	S	-2
TIEuCl3 ABX3 - other	TlCoCl3	BaNiO3 – type	155189	Tl	1	Co	2	Co	2	Cl	-1
TIInAs207 ABB'2X7 415929 In 3 T1 1 As 5 0 -2  TIMg(I3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Mg 2 Mg 2 C1 -1  TIPbCI3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Pp 2 Pb 2 C1 -1  TIPbCI3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) T1 1 Pp 5 S S -2  TISBO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) T1 1 Sp 5 Sp 5 Sp 5 O -2  TISC13 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Sp 5 Sp 2 C1 -1  TITIPOS ABB'XS 67427 T1 Sp 5 Sp 2 C1 -1  TITIPOS ABB'XS 67427 T1 2 T1 3 Pp 5 Sp 2 C1 -1  TITIPOS ABB'XS 67427 T1 2 T1 3 Pp 5 O -2  TIVJOS ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Sp 2 T1 3 Pp 5 O -2  TIVACI3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Ng 2 Ng 2 Ng 2 C1 Ng 2 Ng	TlCrP2O7	ABB'2X7	401129	Cr	3	Tl	1	P	5	О	-2
TIMgCl3 ABX3 - other	TlEuCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	T1	1	Eu	2	Eu	2	Cl	-1
TIPbCl3 ABX3 - other	TlInAs2O7	ABB'2X7	415929	In	3	Tl	1	As	5	О	-2
TIPrP2S7 ABB'2X7 195311 Pr 3 T1 1 PP 5 S S -2  TISbO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) T1 1 Sb 5 Sb 5 O -2  TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 PP 5 S S -2  TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 PP 5 S S -2  TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 PP 5 S S -2  TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 PP 5 S S -2  TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 Sc 2 Sc 2 C1 -1  TITIPOS ABB'XS 67427 Ti 2 T1 3 PP 5 O -2  TIV3OS AB3XS 20688 T1 1 V 5 V 5 V 5 O -2  TIZCPCI3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Zn 2 Zn 2 C1 -1  Tm2CuTiO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Tm 3 Cu 2 Ti 4 O -2  TmBO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Tm 3 B 3 B 3 O -2  VAIO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Al 3 Al 3 O -2  VBO3 Calcite 45060 V 3 B 3 B 3 O -2  VCrO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Cr 3 Cr 3 O -2  Y2Be2GeO7 A2B2B'X7 39122 Y 3 Be 2 Ge 4 Ge -2	TlMgCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Tl	1	Mg	2	Mg	2	Cl	-1
TISBO3 ABX3 - other   JAlloy and Compounds, 372, 40-48 (2008)   TI	TlPbCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Tl	1	Pb	2	Pb	2	Cl	-1
TIScP2S7 ABB'2X7 195312 Sc 3 T1 1 P 5 S -2  TIScCI3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Sr 2 Sr 2 C1 -1  TITIPOS ABB'XS 67427 Ti 2 T1 3 P 5 O -2  TIV308 AB3X8 20688 T1 1 V 5 V 5 O -2  TIZnCI3 ABX3 - other Acta Cryst B 64, 702-707 (2008) T1 1 Zn 2 Zn 2 C1 -1  Tm2CuTiO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Tm 3 Cu 2 Ti 4 O -2  TmBO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Tm 3 B 3 B 3 O -2  VAIO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 AI 3 AI 3 O -2  VBO3 Calcite 45060 V 3 B 3 B 3 O -2  VCrO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Cr 3 Cr 3 O -2  V2Be2GeO7 A2B2B'X7 39122 Y 3 Be 2 Ge 4 Ge -2	TlPrP2S7	ABB'2X7	195311	Pr	3	Tl	1	P	5	s	-2
TISrCI3 ABX3 – other	TISbO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Tl	1	Sb	5	Sb	5	0	-2
TITIPOS ABB'X5 67427 Ti 2 Til 3 P 5 O -2  TIV308 AB3X8 20688 Til 1 V 5 V 5 O -2  TIZnC13 ABX3 - other Acta Cryst B 64, 702-707 (2008) Til 1 Zn 2 Zn 2 Cl -1  Tm2CuTiO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Tm 3 Cu 2 Ti 4 O -2  TmBO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Tm 3 B 3 B 3 O -2  VAIO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Al 3 Al 3 O -2  VBO3 Calcite 45060 V 3 B 3 B 3 O -2  VCrO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Cr 3 Cr 3 O -2  Y2Be2GeO7 A2B2B'X7 39122 Y 3 Be 2 Ge 4 Ge -2	TlScP2S7	ABB'2X7	195312	Sc	3	Tl	1	P	5	s	-2
TIV308 AB3X8 20688 TI 1 V 5 V 5 O -2  TIZnCl3 ABX3 - other Acta Cryst B 64, 702-707 (2008) TI 1 Zn 2 Zn 2 Cl -1  Tm2CuTiO6 A2BB'X6 - other Prog. In Solid State Chem. 43 1-36 (2015) Tm 3 Cu 2 Ti 4 O -2  TmBO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) Tm 3 B 3 B 3 O -2  VAIO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Al 3 Al 3 O -2  VBO3 Calcite 45060 V 3 B 3 B 3 O -2  VCrO3 ABX3 - other JAlloy and Compounds, 372, 40-48 (2008) V 3 Cr 3 Cr 3 O -2  Y2Be2GeO7 A2B2B'X7 39122 Y 3 Be 2 Ge 4 Ge -2	TlSrCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Tl	1	Sr	2	Sr	2	Cl	-1
TIZnCl3         ABX3 – other         Acta Cryst B 64, 702-707 (2008)         TI         1         Zn         2         Zn         2         Cl         -1           Tm2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Tm         3         Cu         2         Ti         4         0         -2           TmBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Tm         3         B         3         B         3         O         -2           VAIO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Al         3         Al         3         O         -2           VBO3         Calcite         45060         V         3         B         3         B         3         O         -2           VCrO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2Ge07         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	TITiPO5	ABB'X5	67427	Ti	2	Tl	3	P	5	0	-2
Tm2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Tm         3         Cu         2         Ti         4         O         -2           TmBO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         Tm         3         B         3         B         3         O         -2           VAIO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Al         3         Al         3         O         -2           VBO3         Calcite         45060         V         3         B         3         B         3         O         -2           VCrO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2GeO7         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	T1V3O8	AB3X8	20688	Tl	1	v	5	v	5	0	-2
TmBO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         Tm         3         B         3         B         3         O         -2           VAIO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Al         3         Al         3         O         -2           VBO3         Calcite         45060         V         3         B         3         B         3         O         -2           VCrO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2GeO7         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	TlZnCl3	ABX3 – other	Acta Cryst B 64, 702-707 (2008)	Tl	1	Zn	2	Zn	2	Cl	-1
VAIO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Al         3         Al         3         O         -2           VBO3         Calcite         45060         V         3         B         3         B         3         O         -2           VCrO3         ABX3 - other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2GeO7         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	Tm2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Tm	3	Cu	2	Ti	4	О	-2
VBO3         Calcite         45060         V         3         B         3         B         3         O         -2           VCrO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2Ge07         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	TmBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Tm	3	В	3	В	3	О	-2
VCrO3         ABX3 – other         J Alloy and Compounds, 372, 40-48 (2008)         V         3         Cr         3         Cr         3         O         -2           Y2Be2GeO7         A2B2B'X7         39122         Y         3         Be         2         Ge         4         Ge         -2	VAIO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	V	3	Al	3	Al	3	О	-2
Y2Be2GeO7 A2B2B'X7 39122 Y 3 Be 2 Ge 4 Ge -2	VBO3	Calcite	45060	V	3	В	3	В	3	О	-2
	VCrO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	V	3	Cr	3	Cr	3	О	-2
Y2CuTiO6         A2BB'X6 – other         Prog. In Solid State Chem. 43 1-36 (2015)         Y         3         Cu         2         Ti         4         O         -2	Y2Be2GeO7	A2B2B'X7	39122	Y	3	Be	2	Ge	4	Ge	-2
	Y2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Y	3	Cu	2	Ti	4	О	-2

Y2SiBe2O7	A2B2B'X7	23233	Y	3	Si	4	Ве	2	Ве	-2
Yb2CuTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Yb	3	Cu	2	Ti	4	О	-2
Yb2MnTiO6	A2BB'X6 – other	Prog. In Solid State Chem. 43 1-36 (2015)	Yb	3	Mn	2	Ti	4	О	-2
Yb2PrDyS6	A2BB'X6 – other	245723	Yb	3	Pr	3	Dy	3	S	-2
Yb2PrTbS6	A2BB'X6 – other	245722	Yb	3	Pr	3	Tb	3	S	-2
YbBO3	Calcite	411805	Yb	3	В	3	В	3	О	-2
YBO3	ABX3 – other	J Alloy and Compounds, 372, 40-48 (2008)	Y	3	В	3	В	3	О	-2
Zn2BiPO6	A2BB'X6 – other	91234	Zn	2	Bi	3	P	5	О	-2
Zn2BiVO6	A2BB'X6 – other	193538	Zn	2	Bi	3	V	5	О	-2
Zn2Mo3O8	A2B3X8	14321	Zn	2	Мо	4	Мо	4	О	-2
Zn2PdO4	Spinel	30076	Zn	2	Pd	4	Pd	4	О	-2
Zn2Te3O8	A2B3X8	16784	Zn	2	Те	4	Те	4	О	-2
ZnCO3	Calcite	100679	Zn	2	С	4	С	4	О	-2
ZnGeO3	Ilmenite	33722	Zn	2	Ge	4	Ge	4	О	-2
ZnMn3O7	AB3X7	192706	Zn	2	Mn	4	Mn	4	О	-2
ZnSe2O5	AB2X5	2355	Zn	2	Se	4	Se	4	О	-2
ZnSiO3	Ilmenite	167186	Zn	2	Si	4	Si	4	О	-2
ZnVSe2O7	ABB'2X7	249713	Zn	2	v	4	Se	4	О	-2