

#64

THE ZEOLITE FAMILY  
 $(\text{Na}_2\text{K}_2, \text{Ca}, \text{Ba}, \text{Sr}, \text{Mg})(\text{Al}, \text{Si})\text{O}_2 \cdot n \cdot x\text{H}_2\text{O}$

prepared by Rudy W. Tschernich

SPECIES	FORMULA	SYSTEM
NATROLITE	$\text{Na}_2(\text{Al}_2\text{Si}_3\text{O}_{10}) \cdot 2\text{H}_2\text{O}$	Orthorhombic
MESOLITE	$\text{Na}_2\text{Ca}_2(\text{Al}_2\text{Si}_3\text{O}_{10})_3 \cdot 8\text{H}_2\text{O}$	Monoclinic
SCOLECITE	$\text{Ca}(\text{Al}_2\text{Si}_3\text{O}_{10}) \cdot 3\text{H}_2\text{O}$	Monoclinic
THOMSONITE	$\text{Ca}_2\text{Na}(\text{Al}_5\text{Si}_5\text{O}_{20}) \cdot 6\text{H}_2\text{O}$	Orthorhombic
GONNARDITE	$\text{Na}_2\text{Ca}(\text{Al}_4\text{Si}_6\text{O}_{20}) \cdot 6\text{H}_2\text{O}$	Orthorhombic
EDINGTONITE	$\text{Ba}(\text{Al}_2\text{Si}_3\text{O}_{10}) \cdot 4\text{H}_2\text{O}$	Orthorhombic
HEULANDITE	$(\text{Ca}, \text{Na}_2)(\text{Al}_2\text{Si}_7\text{O}_{18}) \cdot 6\text{H}_2\text{O}$	Monoclinic
CLINOPTILOLITE	$(\text{Na}_2 \text{K}_2 \text{Ca})(\text{Al}_2\text{Si}_9\text{O}_{22}) \cdot 6\text{H}_2\text{O}$	Monoclinic
STILBITE	$(\text{CaNa}_2\text{K}_2)(\text{Al}_2\text{Si}_7\text{O}_{18}) \cdot 7\text{H}_2\text{O}$	Monoclinic
STELLERITE	$\text{Ca}(\text{Al}_2\text{Si}_7\text{O}_{18}) \cdot 7\text{H}_2\text{O}$	Orthorhombic
EPISTILBITE	$\text{Ca}(\text{Al}_2\text{Si}_6\text{O}_{16}) \cdot 5\text{H}_2\text{O}$	Monoclinic
FERRIERITE	$(\text{NaK})_2\text{Mg}(\text{Al}_3\text{Si}_{15}\text{O}_{36})(\text{OH}) \cdot 9\text{H}_2\text{O}$	Orthorhombic
BREWSTERITE	$(\text{SrBaCa})(\text{Al}_2\text{Si}_6\text{O}_{16}) \cdot 5\text{H}_2\text{O}$	Monoclinic
HARMOTOME	$\text{Ba}(\text{Al}_2\text{Si}_6\text{O}_{16}) \cdot 6\text{H}_2\text{O}$	Monoclinic
PHILLIPSITE	$(\text{K}_2\text{Na}_2\text{Ca})(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 4\text{H}_2\text{O}$	Monoclinic
GISMONDINE	$\text{Ca}(\text{Al}_2\text{Si}_2\text{O}_8) \cdot 4\text{H}_2\text{O}$	Monoclinic
GARRONITE	$\text{NaCa}_{2.5}(\text{Al}_6\text{Si}_{10}\text{O}_{32}) \cdot 13\frac{1}{2}\text{H}_2\text{O}$	Tetragonal
CHABAZITE	$\text{Ca}(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 6\text{H}_2\text{O}$	Rhombohedral
GMELINITE	$(\text{Na}_2\text{Ca})(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 6\text{H}_2\text{O}$	Rhombohedral
HERSCHELITE	$\text{Na}_2(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 6\text{H}_2\text{O}$	Rhombohedral
LEVYNE	$\text{Ca}(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 6\text{H}_2\text{O}$	Rhombohedral
OFFRETITE	$(\text{K}_2\text{CaMg})_5(\text{Al}_{10}\text{Si}_{26}\text{O}_{72}) \cdot 31\text{H}_2\text{O}$	Hexagonal
ERIONITE	$(\text{CaK}_2\text{Na}_2\text{Mg})_{4.5}(\text{Al}_9\text{Si}_{27}\text{O}_{72}) \cdot 27\text{H}_2\text{O}$	Hexagonal
FAUJASITE	$(\text{Na}_2\text{Ca})(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 8\text{H}_2\text{O}$	Isometric
MORDENITE	$(\text{Na}_2\text{K}_2\text{Ca})(\text{Al}_2\text{Si}_{10}\text{O}_{24}) \cdot 7\text{H}_2\text{O}$	Orthorhombic
DACHIARDITE	$(\text{CaK}_2\text{Na}_2)_3(\text{Al}_4\text{Si}_{18}\text{O}_{45}) \cdot 14\text{H}_2\text{O}$	Monoclinic
ANALCIME	$\text{Na}(\text{AlSi}_2\text{O}_6) \cdot \text{H}_2\text{O}$	Isometric
WAIRAKITE	$\text{Ca}(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 2\text{H}_2\text{O}$	Monoclinic
LAUMONTITE	$\text{Ca}(\text{Al}_2\text{Si}_4\text{O}_{12}) \cdot 4\text{H}_2\text{O}$	Monoclinic
YUGAWARALITE	$\text{Ca}(\text{Al}_2\text{Si}_5\text{O}_{14}) \cdot 4\text{H}_2\text{O}$	Monoclinic
PAULINGITE	Hydrous Aluminosilicate of K & Ca	Isometric
COWLESITE	$\text{Ca}(\text{Al}_2\text{Si}_3\text{O}_{10}) \cdot 6\text{H}_2\text{O}$	Orthorhombic