

## APPENDIX VI: REJECTED, REDEFINED AND RENAMED END-MEMBERS

End-member formula	IMA(1997, 2003)	New scheme
Na Mg <sub>2</sub> Mg <sub>5</sub> (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	Sodicanthophyllite	Rootname 1
Na Fe <sup>2+</sup> <sub>2</sub> Fe <sup>2+</sup> <sub>5</sub> (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	Sodic-ferro-anthophyllite	Ferro-rootname 1
Na Mg <sub>2</sub> (Mg <sub>4</sub> Al) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Sodicgedrite	——
Na Mg <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 2
Na Fe <sup>2+</sup> <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-rootname 2
□ Fe <sup>2+</sup> <sub>2</sub> Fe <sup>2+</sup> <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Grunerite	Grunerite
□ Mn <sup>2+</sup> <sub>2</sub> Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Manganocummingtonite	Rootname 3
□ Mn <sup>2+</sup> <sub>2</sub> Fe <sup>2+</sup> <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Manganogrunerite	Ferro-rootname 3
□ Mn <sup>2+</sup> <sub>2</sub> (Mn <sup>2+</sup> <sub>2</sub> Mg <sub>3</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Permanganocummingtonite	——
□ Mn <sup>2+</sup> <sub>2</sub> (Mn <sup>2+</sup> <sub>2</sub> Fe <sup>2+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Permanganogrunerite	——
□ Mn <sup>2+</sup> <sub>2</sub> Mn <sup>2+</sup> <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Mangano-rootname 3
□ Ca <sub>2</sub> [Mg <sub>4</sub> (Al,Fe <sup>3+</sup> )] (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	Magnesiohornblende	——
□ Ca <sub>2</sub> (Mg <sub>4</sub> Al) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Magnesio-hornblende
□ Ca <sub>2</sub> [Fe <sup>2+</sup> <sub>4</sub> (Al,Fe <sup>3+</sup> )] (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	Ferrohornblende	——
□ Ca <sub>2</sub> (Mg <sub>4</sub> Fe <sup>3+</sup> ) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferri-hornblende
□ Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Al) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-hornblende
□ Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> ) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-ferri-hornblende
□ Ca <sub>2</sub> [Mg <sub>3</sub> Al Fe <sup>3+</sup> ] (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Tschermakite	——
□ Ca <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Aluminotschermakite	Tschermakite
□ Ca <sub>2</sub> [Mg <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ] (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Ferritschermakite	Ferri-tschermakite
□ Ca <sub>2</sub> [Fe <sup>2+</sup> <sub>3</sub> Al Fe <sup>3+</sup> ] (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Ferrotschermakite	——
□ Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Alumino-ferrotschermakite	Ferro-tschermakite
□ Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Ferri-ferrotschermakite	Ferro-ferri-tschermakite
Na Ca <sub>2</sub> (Mg <sub>4</sub> Al) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Pargasite	Pargasite
Na Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Al) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Ferropargasite	Ferro-pargasite
Na Ca <sub>2</sub> (Mg <sub>4</sub> Fe <sup>3+</sup> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Magnesiohastingsite	Magnesio-hastingsite
Na Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Hastingsite	Hastingsite
Na Ca <sub>2</sub> [Mg <sub>3</sub> (Fe <sup>3+</sup> ,Al) <sub>2</sub> ] (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Magnesiosadanagaite	——
Na Ca <sub>2</sub> [Fe <sup>2+</sup> <sub>3</sub> (Fe <sup>3+</sup> ,Al) <sub>2</sub> ] (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	Sadanagaite	——
Na Ca <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Sadanagaite
Na Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-sadanagaite
Na Ca <sub>2</sub> (Mg <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferri-sadanagaite
Na Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-ferri-sadanagaite
Na Ca <sub>2</sub> (Mg <sub>4</sub> Ti) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 4
Na Ca <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Ti) (Si <sub>5</sub> Al <sub>3</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-rootname 4

$\square$ (Na Ca) $[\text{Mg}_4 (\text{Al}, \text{Fe}^{3+})] \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Winchite	—
$\square$ (Na Ca) $[\text{Fe}^{2+}_4 (\text{Al}, \text{Fe}^{3+})] \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Ferrowinchite	—
$\square$ (Na Ca) $(\text{Mg}_4 \text{Al}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	—	Winchite
$\square$ (Na Ca) $(\text{Mg}_4 \text{Fe}^{3+}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	—	Ferri-winchite
$\square$ (Na Ca) $(\text{Fe}^{2+}_4 \text{Al}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	—	Ferro-winchite
$\square$ (Na Ca) $(\text{Fe}^{2+}_4 \text{Fe}^{3+}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	—	Ferro-ferri-winchite
$\square$ (Na Ca) $(\text{Mg}_3 \text{Al Fe}^{3+}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Barroisite	—
$\square$ (Na Ca) $(\text{Fe}^{2+}_3 \text{Al Fe}^{3+}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Ferrobarrisite	—
$\square$ (Na Ca) $(\text{Mg}_3 \text{Al}_2) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Aluminobarrisite	Barroisite
$\square$ (Na Ca) $(\text{Mg}_3 \text{Fe}^{3+}_2) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Ferribarrisite	Ferri-barrisite
$\square$ (Na Ca) $(\text{Fe}^{2+}_3 \text{Al}_2) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Alumino-ferrobarrisite	Ferro-barrisite
$\square$ (Na Ca) $(\text{Fe}^{2+}_3 \text{Fe}^{3+}_2) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Ferri-ferrobarrisite	Ferro-ferri-barrisite
Na (Na Ca) $[\text{Mg}_4 (\text{Al}, \text{Fe}^{3+})] (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Magnesiokatophorite	—
Na (Na Ca) $[\text{Fe}^{2+}_4 (\text{Al}, \text{Fe}^{3+})] (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Katophorite	—
Na (Na Ca) $(\text{Mg}_4 \text{Al}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	—	Katophorite
Na (Na Ca) $(\text{Mg}_4 \text{Fe}^{3+}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	—	Ferri-katophorite
Na (Na Ca) $(\text{Fe}^{2+}_4 \text{Al}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	—	Ferro-katophorite
Na (Na Ca) $(\text{Fe}^{2+}_4 \text{Fe}^{3+}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	—	Ferro-ferri-katophorite
Na (Na Ca) $(\text{Mg}_3 \text{Al Fe}^{3+}) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Magnesiotaramite	—
Na (Na Ca) $(\text{Fe}^{2+}_3 \text{Al Fe}^{3+}) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Taramite	—
Na (Na Ca) $(\text{Mg}_3 \text{Al}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Alumino-magnesiotaramite	Taramite
Na (Na Ca) $(\text{Mg}_3 \text{Fe}^{3+}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Ferri-magnesiotaramite	Ferri-taramite
Na (Na Ca) $(\text{Fe}^{2+}_3 \text{Al}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Aluminotaramite	Ferro-taramite
Na (Na Ca) $(\text{Fe}^{2+}_3 \text{Fe}^{3+}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Ferritaramite	Ferro-ferri-taramite

All other sodium-calcium amphiboles are the same as in IMA1997 except for the hyphenation after the first prefix.

Na Na <sub>2</sub> $(\text{Mg}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Magnesian-aluminoleakeite	Leakeite
Na Na <sub>2</sub> $(\text{Fe}^{2+}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Ferro-aluminoleakeite	Ferro-leakeite
Na Na <sub>2</sub> $(\text{Mg}_2 \text{Fe}^{3+}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Leakeite	Ferri-leakeite
Na Na <sub>2</sub> $(\text{Fe}^{2+}_2 \text{Fe}^{3+}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Ferroleakeite	Ferro-ferri-leakeite
Na Na <sub>2</sub> $(\text{Mg}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} \text{F}_2$	Fluoro-aluminoleakeite	Fluoro-leakeite
Na Na <sub>2</sub> $(\text{Mg}_2 \text{Fe}^{3+}_2 \text{Li}) \text{Si}_8 \text{O}_{22} \text{F}_2$	Fluoroleakeite	Ferri-fluoro-leakeite
Na Na <sub>2</sub> $(\text{Mg}_2 \text{Mn}^{3+}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Sodic-kornite	Mangani-leakeite
K Na <sub>2</sub> $(\text{Mg}_2 \text{Mn}^{3+}_2 \text{Li}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Kornite	Potassic-mangani-leakeite
Na Na <sub>2</sub> $(\text{Mg}_3 \text{Fe}^{3+}_2) \text{Si}_7 \text{Al} \text{O}_{22} (\text{OH})_2$	Ferric-nybøite	Ferri-nybøite
Na Na <sub>2</sub> $(\text{Fe}^{2+}_3 \text{Fe}^{3+}_2) \text{Si}_7 \text{Al} \text{O}_{22} (\text{OH})_2$	Ferric-ferronybøite	Ferro-ferri-nybøite
$\square$ Na <sub>2</sub> $(\text{Mg}_3 \text{Fe}^{3+}_2) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Magnesian-riebeckite	Magnesian-riebeckite
Na Na <sub>2</sub> $\text{Mn}^{2+}_4 (\text{Al}, \text{Fe}^{3+}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Kozulite	—

Na Na <sub>2</sub> (Mn <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Mangano-ferri-eckermannite
□ Li <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ferroholmquistite	Ferro-holmquistite
□ Li <sub>2</sub> (Mg <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ferriholmquistite	Ferri-holmquistite
□ Li <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ferri-ferroholmquistite	Ferro-ferri-holmquistite
□ Li <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Clinoholmquistite	Clino-holmquistite
□ Li <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Clino-ferroholmquistite	Clino-ferro holmquistite
□ Li <sub>2</sub> (Mg <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Clino-ferriholmquistite	Clino-ferri-holmquistite
□ Li <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Clino-ferri-ferroholmquistite	Clino-ferro-ferri-holmquistite
Na Li <sub>2</sub> (Mg <sub>4</sub> Al) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 5
Na Li <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Al) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Ferro-rootname 5
Na Li <sub>2</sub> (Mg <sub>2</sub> Al <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Sodicpedrizite	Pedrizite
Na Li <sub>2</sub> (Fe <sup>2+</sup> <sub>2</sub> Al <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Sodic-ferropedrizite	Ferro-pedrizite
Na Li <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> F <sub>2</sub>	Fluoro-sodic-ferropedrizite	Ferro-fluoro-pedrizite
Na Li <sub>2</sub> (Mg <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Sodic-ferripedrizite	Ferri-pedrizite
Na Li <sub>2</sub> (Fe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Sodic-ferri-ferropedrizite	Ferro-ferri-pedrizite
□ (Na Li) (Mg <sub>3</sub> Al <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ottoliniite	——
Na (Na Li) (Mg <sub>2</sub> Al <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Whittakerite	——
□ (Na Li) (Mg <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> ) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ferri-ottoliniite	——
Na (Na Li) (Mg <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> Li) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Ferri-whittakerite	——
□ (Na Mg) (Mg <sub>4</sub> Al) Si <sub>8</sub> O <sub>22</sub> (OH)	——	Rootname 6
□ (Na Mg) (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>7</sub> Al) O <sub>22</sub> (OH)	——	Rootname 7
Na (Na Mg) Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 8
Na (Na Mg) (Mg <sub>4</sub> Al) (Si <sub>7</sub> Al) O <sub>22</sub> (OH)	——	Rootname 9
Na (Na Mg) (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH)	——	Rootname 10
□ (Na Mn <sup>2+</sup> ) (Mg <sub>4</sub> Al) Si <sub>8</sub> O <sub>22</sub> (OH)	——	Rootname 11
□ (Na Mn <sup>2+</sup> ) (Mg <sub>4</sub> Fe <sup>3+</sup> ) Si <sub>8</sub> O <sub>22</sub> (OH)	Parvowinchite	Ferri-rootname 11
□ (Na Mn <sup>2+</sup> ) (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 12
Na (Na Mn <sup>2+</sup> ) Mg <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 13
Na (Na Mn <sup>2+</sup> ) (Mg <sub>4</sub> Al) (Si <sub>7</sub> Al) O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 14
Na (Na Mn <sup>2+</sup> ) (Mg <sub>3</sub> Al <sub>2</sub> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 15
□ (Na Fe <sup>2+</sup> ) (Fe <sup>2+</sup> <sub>4</sub> Al) Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	——	Rootname 16
Na Ca <sub>2</sub> (Mg <sub>4</sub> Ti <sup>4+</sup> ) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> (OH) O	Kaersutite	——
Na Ca <sub>2</sub> (Mg <sub>3</sub> Ti <sup>4+</sup> Al) (Si <sub>6</sub> Al <sub>2</sub> ) O <sub>22</sub> O <sub>2</sub>	——	Kaersutite
Na Na <sub>2</sub> (Mg <sub>3</sub> Fe <sup>3+</sup> Ti <sup>4+</sup> ) Si <sub>8</sub> O <sub>22</sub> O <sub>2</sub>	Obertiite	Ferri-obertiite
Na Na <sub>2</sub> (Mg Mn <sup>3+</sup> <sub>2</sub> Ti <sup>4+</sup> Li) Si <sub>8</sub> O <sub>22</sub> O <sub>2</sub>	Dellaventuraite	Mangani-dellaventuraite
Na Na <sub>2</sub> (Fe <sup>2+</sup> <sub>3</sub> Fe <sup>3+</sup> Ti <sup>4+</sup> ) Si <sub>8</sub> O <sub>22</sub> O <sub>2</sub>	Ferro-obertiite	Ferro-ferri-obertiite
Na Na <sub>2</sub> (Mn <sup>2+</sup> <sub>2</sub> Mn <sup>3+</sup> <sub>3</sub> ) Si <sub>8</sub> O <sub>22</sub> O <sub>2</sub>	Ungarettiite	Mangano-mangani-ungarettiite

End-member formula	Leake (1978)	New scheme
$\square \text{Ca}_2 (\text{Mg}_4 \text{Al}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Alumino-magnesio-hornblende	Magnesio-hornblende
$\square \text{Ca}_2 (\text{Fe}^{2+}_4 \text{Al}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Alumino-ferro-hornblende	Ferro-hornblende
$\square (\text{Na Ca}) (\text{Fe}^{2+}_4 \text{Al}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Ferro-alumino-winchite	Ferro-winchite
$\text{Na} (\text{Na Ca}) (\text{Fe}^{2+}_4 \text{Al}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Alumino-katophorite	Ferro-katophorite
$\text{Na} (\text{Na Ca}) (\text{Fe}^{2+}_4 \text{Fe}^{3+}) (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Ferri-katophorite	Ferro-ferri-katophorite

End-member formula	IMA(2004-2012)	New scheme
$\text{Na} (\text{Na Ca}) (\text{Mg}_3 \text{Al}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} \text{F}_2$	Fluoro-alumino-magnesiotalamite	Fluoro-taramite
$\text{K} (\text{Na Ca}) (\text{Mg}_3 \text{Fe}^{3+}_2) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Potassic-aluminotalamite	Potassic-taramite
$\text{Na Na}_2 (\text{Fe}^{2+}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} \text{F}_2$	Fluoro-aluminoleakeite	Ferro-fluoro-leakeite
$\text{Na Li}_2 (\text{Mg}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} \text{F}_2$	Fluoro-sodicpedrizite	Fluoro-pedrizite
$\text{Na Li}_2 (\text{Fe}^{2+}_2 \text{Al}_2 \text{Li}) \text{Si}_8 \text{O}_{22} \text{F}_2$	Fluoro-sodic-ferropedrizite	Ferro-fluoro-pedrizite

End-member formula	IMA(2004-2012)	New scheme
$\square (\text{Na Mn}) (\text{Mg}_4 \text{Fe}^{3+}) \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Parvowinchite	Ferri-rootname 12
$\text{Na} (\text{Ca Mn}) \text{Mg}_5 (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	Parvo-mangano-edenite	_____
$\text{Na} (\text{Ca} > \text{Mn})_2 \text{Mg}_5 (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	_____	Edenite
$\text{Na} (\text{Mn} > \text{Ca})_2 \text{Mg}_5 (\text{Si}_7 \text{Al}) \text{O}_{22} (\text{OH})_2$	_____	<sup>B</sup> Mn analogue of rootname 1
$\square (\text{Ca Mn}) \text{Mg}_5 \text{Si}_8 \text{O}_{22} (\text{OH})_2$	Parvo-manganotremolite	_____
$\square (\text{Ca} > \text{Mn})_2 \text{Mg}_5 \text{Si}_8 \text{O}_{22} (\text{OH})_2$	_____	Tremolite
$\square (\text{Mn} > \text{Ca})_2 \text{Mg}_5 \text{Si}_8 \text{O}_{22} (\text{OH})_2$	_____	Rootname3
$\text{Na Ca}_2 (\text{Mg}_4 \text{Cr}) (\text{Si}_6 \text{Al}_2) \text{O}_{22} (\text{OH})_2$	Ehimeite	Chromio-pargasite

For the sake of clarity, the following rootnames have been discredited by the present scheme: ehimeite, kornite, kozulite, ottoliniite, whittakerite.