

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

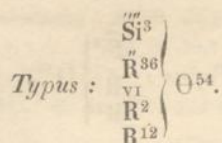
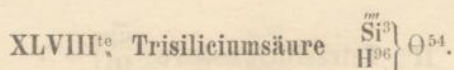
Systematische Übersicht der Silicate

Weltzien, Karl

Giessen, 1864

Tetrasilicate

[urn:nbn:de:bsz:31-282821](https://nbn-resolving.org/urn:nbn:de:bsz:31-282821)

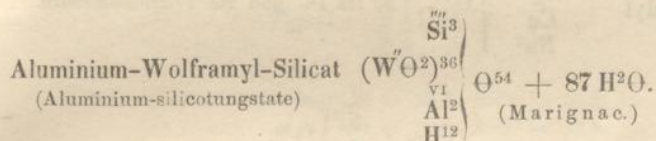


Normalzusammensetzung : Si = 1,0; SiO² = 2,1.

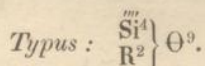
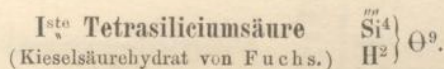
WO² = 87,9; W³O = 94,4.

Al = 1,2; AlO³ = 2,3.

H = 0,1; H²O = 1,2.

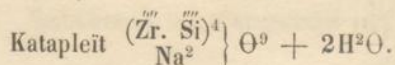
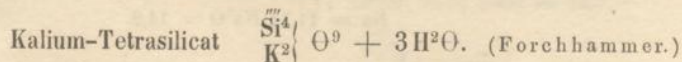
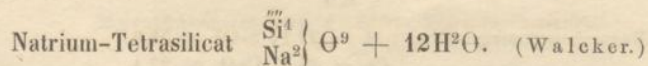


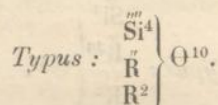
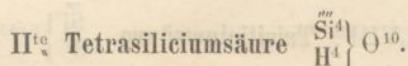
Tetrasilicate.



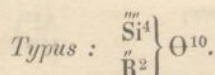
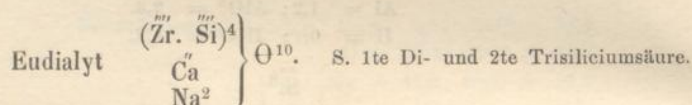
Normalzusammensetzung : Si = 37,1; SiO² = 79,5.

Na = 15,2; Na²O = 20,5.

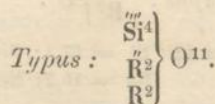
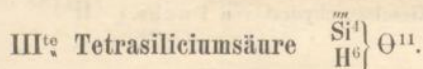
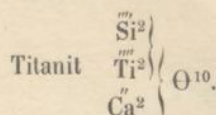




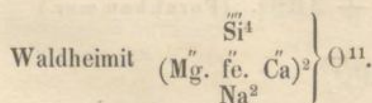
Normalzusammensetzung : Si = 31,3; SiO² = 67,1.
 Ca = 11,2; CaO = 15,6.
 Na = 12,8; Na²O = 17,3.

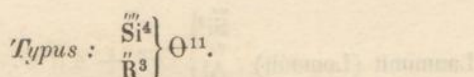


Normalzusammensetzung : Si = 31,8; SiO² = 68,2.
 Ca = 22,7; CaO = 31,8.

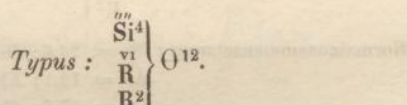
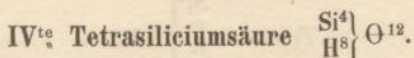
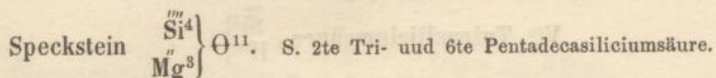


Normalzusammensetzung : Si = 27,1; SiO² = 58,0.
 Ca = 19,3; CaO = 27,1.
 Na = 11,1; Na²O = 14,9.

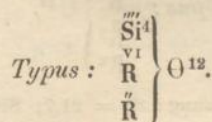
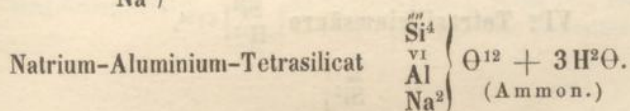
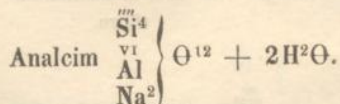
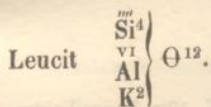




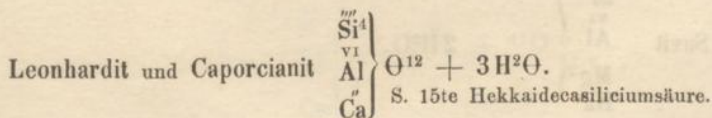
Normalzusammensetzung : Si = 31,1; SiO² = 66,7.
Mg = 20,0; MgO = 33,3.

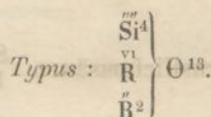
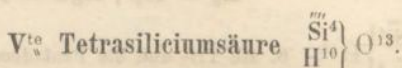
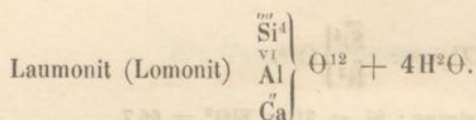


Normalzusammensetzung : Si = 25,6; SiO² = 54,9.
Al = 12,6; AlO³ = 23,6.
K = 17,8; K²O = 21,5.



Normalzusammensetzung : Si = 28,1; SiO² = 60,1.
Al = 13,8; AlO³ = 25,8.
Ca = 10,0; CaO = 14,1.

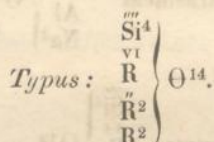
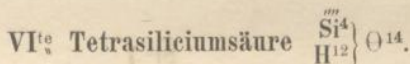
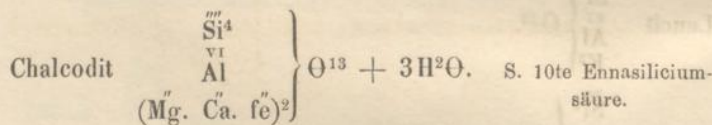
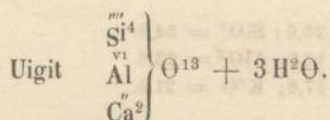




Normalzusammensetzung : Si = 24,6; SiO² = 52,8.

Al = 12,1; AlO³ = 22,5.

Ca = 17,6; CaO = 24,7.

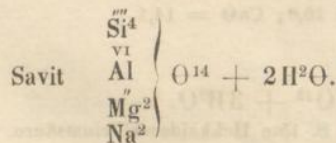


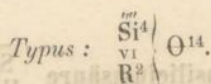
Normalzusammensetzung : Si = 21,7; SiO² = 46,4.

Al = 10,6; AlO³ = 19,9.

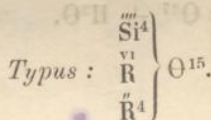
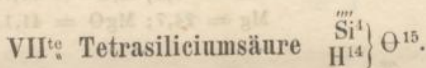
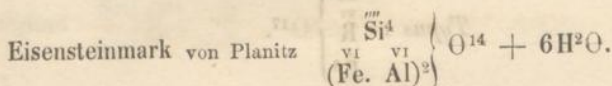
Mg = 9,3; MgO = 15,5.

K = 15,1; K²O = 18,2.

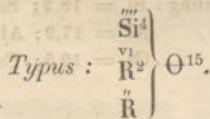
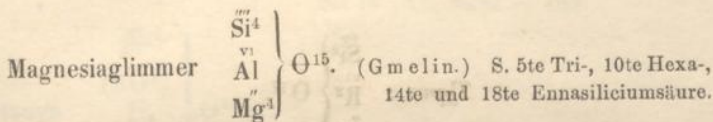




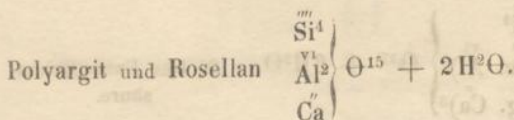
Normalzusammensetzung : Si = 25,1; SiO² = 53,8.
Al = 24,7; AlO³ = 46,2.

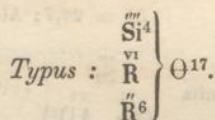
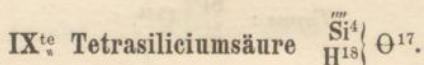


Normalzusammensetzung : Si = 22,3; SiO² = 47,7.
Al = 10,9; AlO³ = 20,5.
Mg = 19,1; MgO = 31,8.

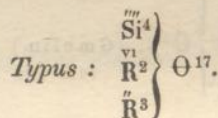
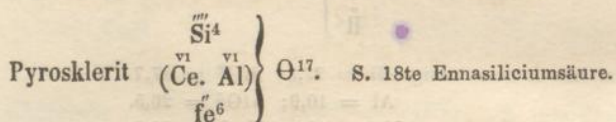
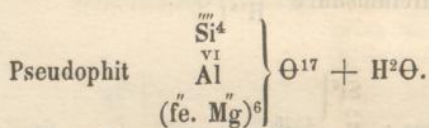


Normalzusammensetzung : Si = 22,3; SiO² = 47,8.
Al = 21,9; AlO³ = 41,0.
Ca = 8,0; CaO = 11,2.

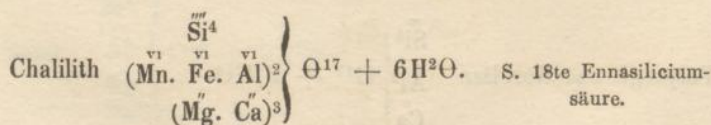
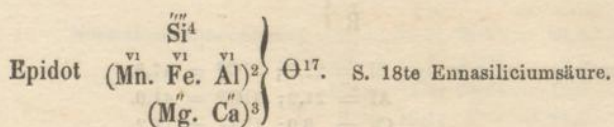


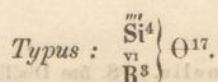


Normalzusammensetzung : Si = 19,2; SiO² = 41,2.
Al = 9,4; AlO³ = 17,7.
Mg = 24,7; MgO = 41,1.

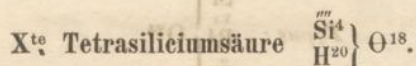
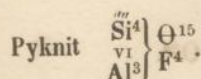


Normalzusammensetzung : Si = 18,2; SiO² = 39,1.
Al = 17,9; AlO³ = 33,5.
Ca = 19,5; CaO = 27,4.

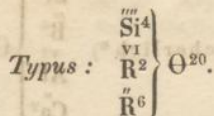
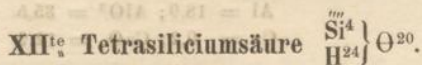
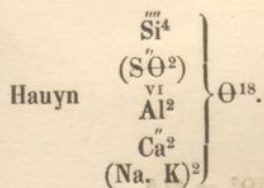




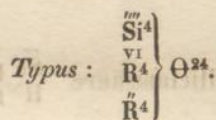
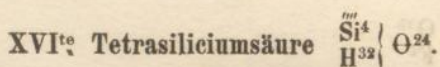
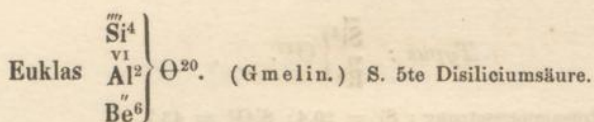
Normalzusammensetzung : Si = 20,4; SiO² = 43,7.
Al = 30,0; AlO³ = 56,3.



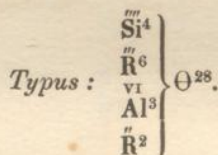
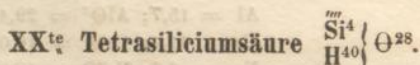
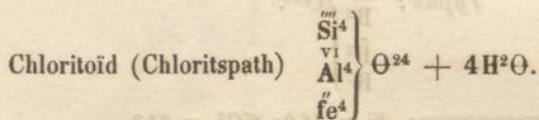
Normalzusammensetzung : Si = 16,0; SiO² = 34,3.
SO² = 9,1; S²O³ = 11,4.
Al = 15,7; AlO³ = 29,4.
Ca = 11,4; CaO = 16,0.
Na = 6,6; Na²O = 18,9.



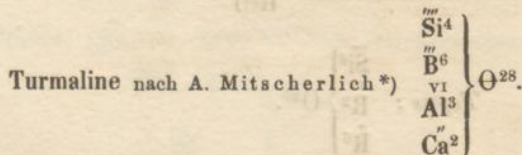
Normalzusammensetzung : Si = 17,9; SiO² = 38,3.
Al = 17,5; AlO³ = 32,9.
Be = 13,4; BeO = 28,8.



Normalzusammensetzung : Si = 11,9; Si Θ^2 = 25,6.
Al = 23,4; Al Θ^3 = 43,8.
fe = 23,8; fe Θ = 30,6.



Normalzusammensetzung : Si = 12,9; Si Θ^2 = 27,5.
B = 7,6; B $^2\Theta^3$ = 24,1.
Al = 18,9; Al Θ^3 = 35,5.
Ca = 9,2; Ca Θ = 12,9.



*) Jahresber. d. Chem. f. 1862, S. 740.