

**Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

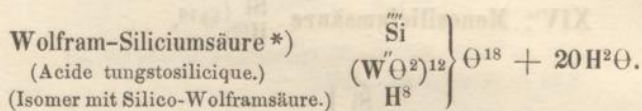
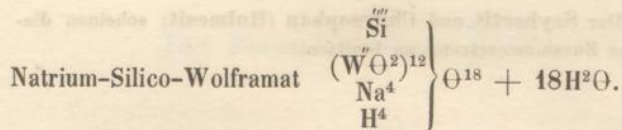
**Systematische Übersicht der Silicate**

**Weltzien, Karl**

**Giessen, 1864**

Disilicate

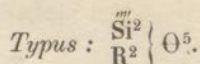
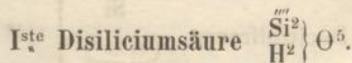
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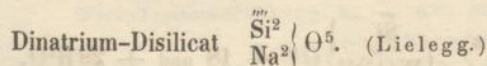
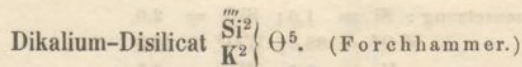
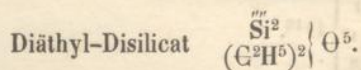

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 Disilicate.
 

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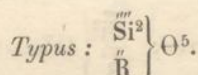


Normalzusammensetzung: Si = 26,2; Si $\Theta^2$  = 56,1.  
K = 36,4; K $\Theta$  = 43,9.

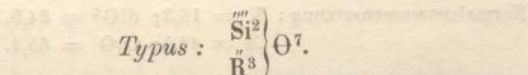
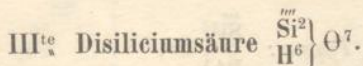
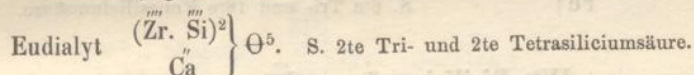
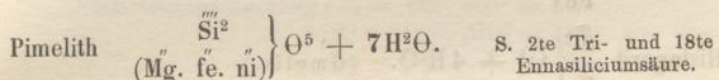
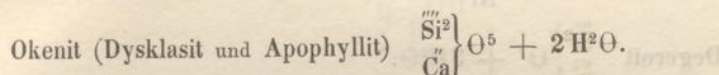
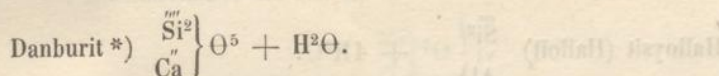
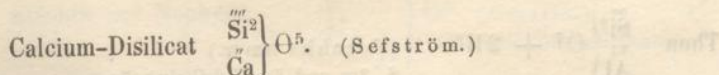



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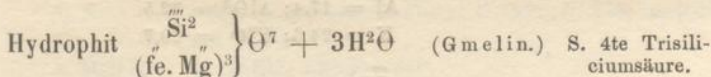
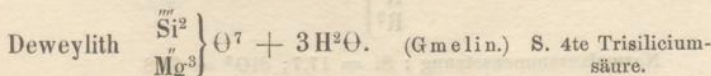
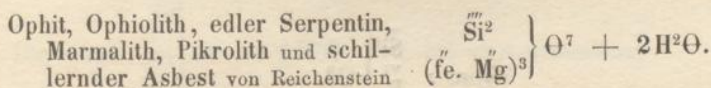
\*) Marignac, Compt. rend. LVIII, 809.



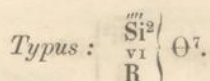
Normalzusammensetzung: Si = 31,8; SiO<sup>2</sup> = 68,2.  
Ca = 22,7; CaO = 31,8.



Normalzusammensetzung: Si = 19,4; SiO<sup>2</sup> = 41,7.  
Ca = 41,7; CaO = 58,3.

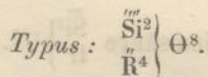
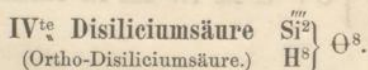
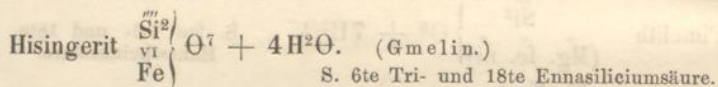
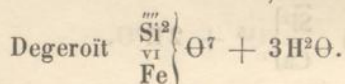
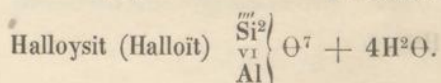
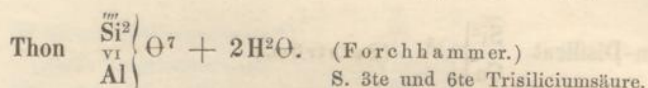


\*) Gmelin, 5. Aufl., Bd. II, S. 352.



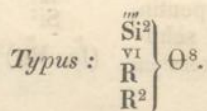
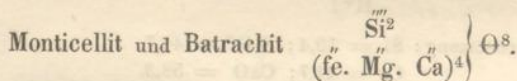
Normalzusammensetzung : Si = 25,1 ; SiO<sup>2</sup> = 53,8.

Al = 24,7 ; AlO<sup>3</sup> = 46,2.



Normalzusammensetzung : Si = 16,3 ; SiO<sup>2</sup> = 34,9.

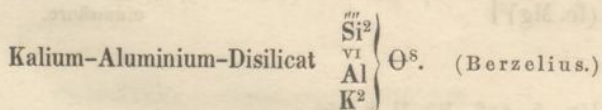
Ca = 46,5 ; CaO = 65,1.

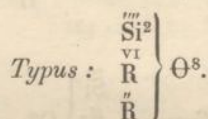
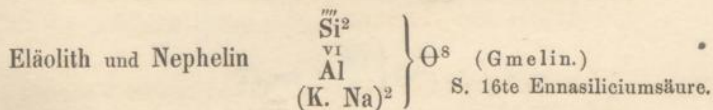
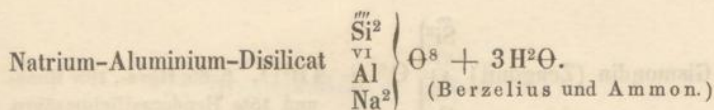


Normalzusammensetzung : Si = 17,7 ; SiO<sup>2</sup> = 37,8.

Al = 17,4 ; AlO<sup>3</sup> = 32,5.

K = 24,6 ; K<sup>2</sup>O = 29,7.

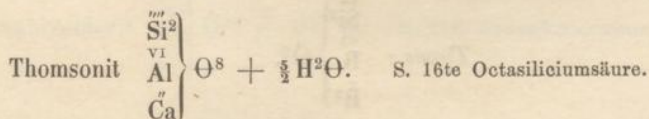
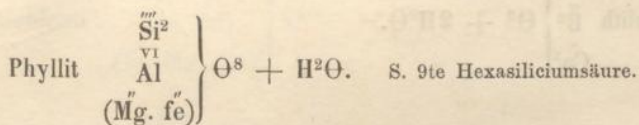
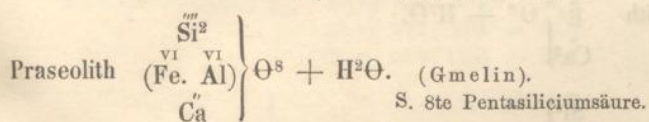
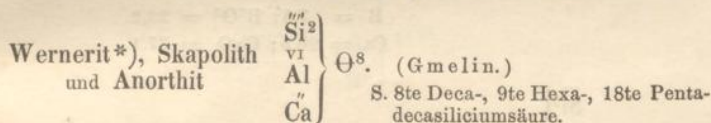




Normalzusammensetzung : Si = 20,1; Si $\Theta^2$  = 43,0.

Al = 19,7; Al $\Theta^3$  = 36,9.

Ca = 14,3; Ca $\Theta$  = 20,1.



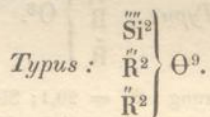
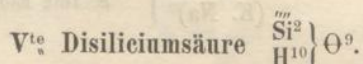
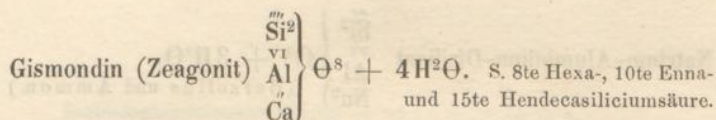
\*) Nach Damour (Jahresber. d. Chem. f. 1862, S. 738) zerfällt der Wernerit in die 4 Typen :

1. Mejonit = 2(3 RO, 2 R $^2\Theta^3$ ) 9 Si $\Theta^2$ ,

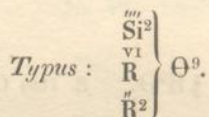
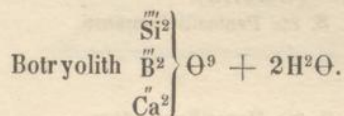
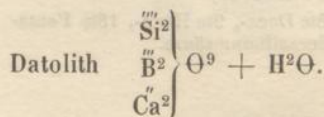
2. Paranthin = (3 RO, 2 R $^2\Theta^3$ ) 6 Si $\Theta^2$ ,

3. Skapolith = 2(3 RO, 2 R $^2\Theta^3$ ) 15 Si $\Theta^2$ ,

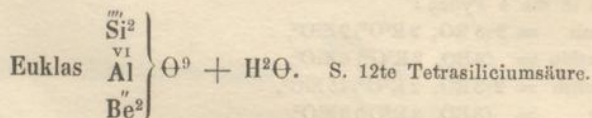
4. Dipyr = (3 RO, 2 R $^2\Theta^3$ ) 9 Si $\Theta^2$ .

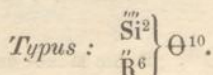
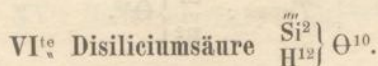


Normalzusammensetzung : Si = 18,5; Si $\Theta^2$  = 39,7.  
 B = 7,3; B $\Theta^3$  = 23,2.  
 Ca = 26,5; Ca $\Theta$  = 37,1.

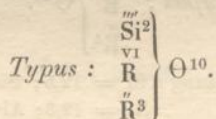
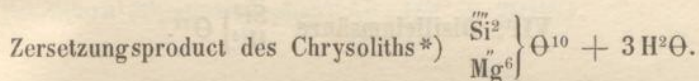


Normalzusammensetzung : Si = 19,8; Si $\Theta^2$  = 42,4.  
 Al = 19,4; Al $\Theta^3$  = 36,4.  
 Be = 9,9; Be $\Theta$  = 21,2.

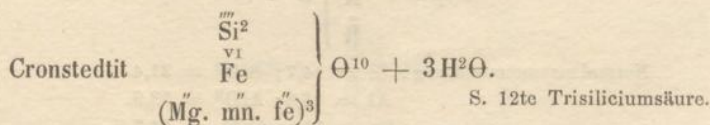
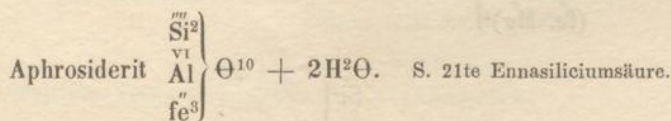
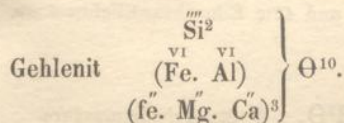




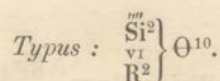
Normalzusammensetzung : Si = 15,6; Si $\Theta^2$  = 33,3.  
Mg = 40,0; Mg $\Theta$  = 66,7.



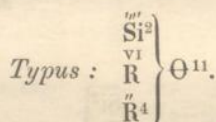
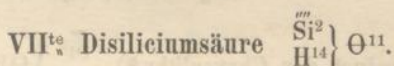
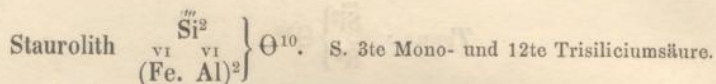
Normalzusammensetzung : Si = 14,3; Si $\Theta^2$  = 30,7.  
Al = 14,1; Al $\Theta^3$  = 26,3.  
Ca = 30,7; Ca $\Theta$  = 43,0.



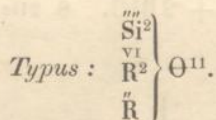
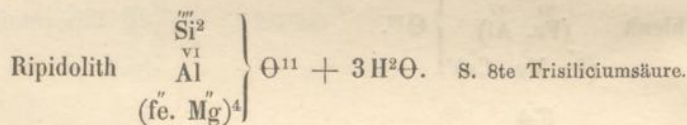
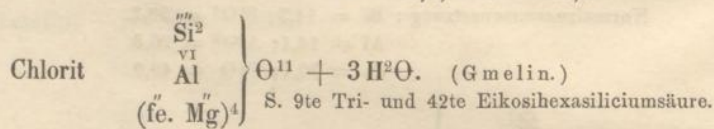
\*) Genth, Jour. f. prakt. Chem. LXXXVIII, S. 264.



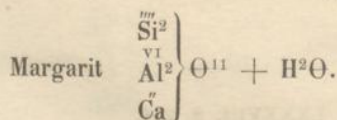
Normalzusammensetzung : Si = 17,2; SiO<sup>2</sup> = 36,8.  
Al = 33,7; AlO<sup>3</sup> = 63,2.

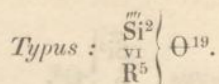
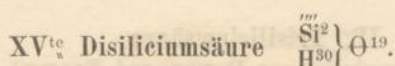


Normalzusammensetzung : Si = 12,5; SiO<sup>2</sup> = 26,9.  
Al = 12,3; AlO<sup>3</sup> = 23,0.  
Ca = 35,8; CaO = 50,1.



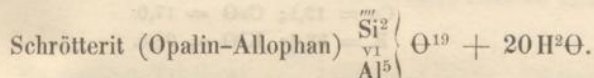
Normalzusammensetzung : Si = 14,7; SiO<sup>2</sup> = 31,4.  
Al = 28,8; AlO<sup>3</sup> = 53,9.  
Ca = 10,5; CaO = 14,7.



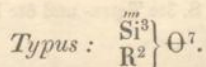
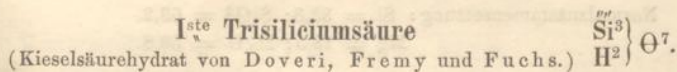


Normalzusammensetzung: Si = 8,8; SiO<sup>2</sup> = 18,9.

Al = 43,3; AlO<sup>3</sup> = 81,1.

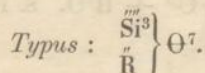
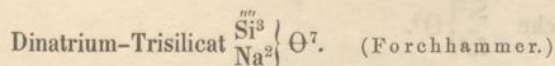


### Trisilicate.



Normalzusammensetzung: Si = 34,7; SiO<sup>2</sup> = 74,4.

Na = 19,0; Na<sup>2</sup>O = 25,6.



Normalzusammensetzung: Si = 35,6; SiO<sup>2</sup> = 76,3.

Ca = 16,9; CaO = 23,7.

