

In analysis *a*, the presence of soda in the mixture of lithia and soda was overlooked.

Is found in granular and compact masses in the island of Utö, at Bolton and Littleton in Massachusetts, near York on the north coast of lake Ontario, in attached crystals (castor) in granite in Elba.

207. POLLUX.—Pollux; Breithaupt, Hausmann.

Traces of cleavage. Fracture conchoidal. Transparent. Lustre vitreous, bright. Colourless, white. $H = 6.0 \dots 6.5$. $G = 2.868 \dots 2.892$.

Before the blowpipe becomes opaque. In thin splinters melts on the edges into a blebby enamel. Imparts a reddish-yellow colour to the outer flame. Easily soluble in borax forming a clear glass.

Analysis of a very small quantity by Plattner:—

Silica	46.20
Alumina	16.39
Red oxide of iron	0.86
Potash	16.51
Soda with a trace of lithia	10.47
Water	2.32

Is found with petalite in the drusy cavities of granite in Elba.

208. FELSPAR.—Felspar; Phillips. Feldspath (in part); Hauy. Orthotomer Feldspath; Mohs. Feldspath; Hausmann. Adular; Haidinger.

Oblique. $101,100 = 65^\circ 47'$; $111,010 = 63^\circ 7'$; $101,001 = 50^\circ 20'$.

a 100, *b* 010, *c* 001, *y* 201, *r* 403, *x* 101, *q* 203, *w* $\bar{2}01$, *m* 110, *z* 130, *h* 023, *n* 021, *i* 061, *o* 111, *s* 131, *u* 221, *v* 241, *g* 112, *d* $\bar{2}41$, *e* $\bar{1}11$.

<i>cb</i>	90° 0'	<i>nb</i>	45° 3'	<i>eb</i>	72° 20'
<i>ab</i>	90 0	<i>hb</i>	71 36	<i>db</i>	49 10
<i>ca'</i>	63 53	<i>zb</i>	29 25	<i>zc</i>	102 29
<i>ca</i>	116 7	<i>mb</i>	59 24	<i>xm</i>	69 20
<i>yc</i>	80 22	<i>xb</i>	90 0	<i>xz</i>	78 23
<i>rc</i>	63 27	<i>ob</i>	63 7	<i>yz</i>	66 31
<i>xc</i>	50 19	<i>sb</i>	33 20	<i>oy</i>	39 27
<i>qc</i>	34 13	<i>ub</i>	57 0	<i>ny</i>	83 12
<i>wc</i>	41 0	<i>vb</i>	37 35	<i>dy</i>	113 12
<i>ib</i>	18 28	<i>gb</i>	74 28	<i>ym'</i>	134 19

ga = 35° 45'
qa = 81° 54'