

Crystal Data: Orthorhombic. *Point Group:* 2/m 2/m 2/m. As a single zone $\sim 2 \mu\text{m}$ across in As- and Sb-bearing dumortierite.

Physical Properties: *Cleavage:* n.d. *Fracture:* n.d. *Tenacity:* n.d. *Hardness:* = n.d.
D(meas.) = n.d. D(calc.) = 3.71

Optical Properties: n.d. *Color:* n.d. *Streak:* n.d. *Luster:* n.d.
Optical Class: n.d.

Cell Data: *Space Group:* *Pnma*. [By analogy to dumortierite.] $a = \sim 4.7001$ $b = \sim 11.828$
 $c = \sim 20.243$ $Z = 4$

X-ray Powder Pattern: Calculated pattern.
5.8610 (100), 3.2305 (95), 3.4582 (60), 2.8945 (59), 5.9140 (57), 2.9305 (51), 3.0675 (50)

Chemistry:	(1)
P ₂ O ₅	0.62
Nb ₂ O ₅	0.22
Ta ₂ O ₅	n.d.
SiO ₂	12.71
TiO ₂	0.26
B ₂ O ₃	5.44
Al ₂ O ₃	50.74
As ₂ O ₃	16.39
Sb ₂ O ₃	10.49
FeO	0.18
Total	97.05

(1) Marta mine, Szklana Hill, Lower Silesia, Poland; average electron microprobe analysis; corresponds to $\{\square_{0.53}(\text{Al}_{0.41}\text{Ti}_{0.02}\text{Fe}_{0.02})(\text{Nb}_{0.01}\square_{0.01})\}_{\Sigma=1.00}\text{Al}_6\text{B}_{1.01}\{(\text{As}_{1.07}\text{Sb}_{0.47}\text{Al}_{0.03})\text{Si}_{1.37}\text{P}_{0.06}\}_{\Sigma=3.00}(\text{O}_{16.46}\square_{1.54})_{\Sigma=18.00}$.

Mineral Group: Szkларыite group, dumortierite supergroup.

Occurrence: In the internal portion of a complex zoned granitic pegmatite.

Association: Holtite, microcline, quartz, muscovite, spessartine, chrysoberyl, zircon, monazite-(Ce), cheralite, xenotime-(Y), Mn-rich fluor-, hydroxyl- and chlorapatite, beusite, columbite-(Fe), columbite-(Mn), tantalite-(Mn), stibiocolumbite, stibiotantalite, fersmite, pyrochlore-supergroup minerals, and other minerals.

Distribution: From the Marta mine, northern part of Szklana Hill, Szkлары serpentinite massif, ~ 60 km south of Wrocław, Lower Silesia, Poland.

Name: For the locality (Szkлары pegmatite) in Poland, where the first specimens were collected.

Type Material: Mineralogical Museum, University of Wrocław, Faculty of Earth Science and Environmental Management, Institute of Geological Sciences, Poland (MMWr IV7615).

References: (1) Pieczka, A., R.J. Evans, E.S. Grew, L.A. Groat, C. Ma, and G.R. Rossman (2013) The dumortierite supergroup. II. Three new minerals from the Szkлары pegmatite, SW Poland: Nioboholtite, $(\text{Nb}_{0.6}\square_{0.4})\text{Al}_6\text{BSi}_3\text{O}_{18}$, titanoholtite, $(\text{Ti}_{0.75}\square_{0.25})\text{Al}_6\text{BSi}_3\text{O}_{18}$, and szkларыite, $\square\text{Al}_6\text{BAS}^{3+}_3\text{O}_{15}$. Mineral. Mag., 77(6), 2841-2856. (2) (2015) Amer. Mineral., 100, 2012-2013 (abs. ref. 1).