Crystal Data: Triclinic. *Point Group*: $\bar{1}$. As massive vein fillings to 25 μm.

Physical Properties: *Cleavage*: None. *Tenacity*: Brittle. *Fracture*: Uneven. Hardness = ~ 5
D(meas.) = n.d. D(calc.) = 3.897

Optical Properties: Transparent. *Color*: Brown; yellowish brown in transmitted light.
Streak: White. *Luster*: Vitreous.
Optical Class: Biaxial (–). $n \geq 1.89$ 2V(meas.) = 96.9(5)° Non-pleochroic.

Orientation:	*a*	*b*	*c*
X	12.5°	83.2°	103.4°
Y	100.1°	20.0°	69.8°
Z	97.4°	108.7°	24.6°

Cell Data: *Space Group*: $A\bar{1}$. a = 7.031(2) b = 8.692(2) c = 6.561(2) α = 89.712(11)°
β = 113.830(13)° γ = 90.352(12)° Z = 4

X-ray Powder Pattern: Calculated pattern.
3.226 (100), 3.001 (98), 2.609 (89), 4.939 (65), 1.704 (31), 2.063 (29), 1.645 (23)

Chemistry:

	(1)		(1)
Nb_2O_5	4.68	Fe_2O_3	0.99
Ta_2O_5	24.20	CaO	23.97
SiO_2	25.88	Na_2O	0.20
TiO_2	10.37	F_2	0.39
VO_2	0.04	H_2O	[0.03]
ZrO_2	0.05	$-O = F_2$	0.16
SnO_2	0.35	Total	98.80
Al_2O_3	7.82		

(1) Piława Górna, Lower Silesia, SW Poland; average of 10 electron microprobe analyses supplemented by Raman spectroscopy, H_2O calculated so that (O+F+OH) = 5 pfu; corresponds to $(Ca_{0.98}Na_{0.02})_{\Sigma=1.00}(Al_{0.34}Fe^{3+}_{0.03}Ti_{0.30}Sn_{0.01}Ta_{0.25}Nb_{0.08})_{\Sigma=1.01}(Si_{0.99}Al_{0.01})_{\Sigma=1.00}[O_{4.94}F_{0.05}(OH)_{0.01}]_{\Sigma=5.00}$.

Mineral Group: Titanite group.

Occurrence: Filling fractures in weakly fractionated parts of anatectic pegmatites in an amphibolite migmatite.

Association: (Al,Ta,Nb)- and (Al,F)-bearing titanites, a Bi-rich pyrochlore-supergroup mineral, K-mica, zircon, polycrase-(Y), euxenite-(Y), feldspar.

Distribution: From the quarry of the Kompania Górnicza (formerly Dolnośląskie Surowce Skalne S.A. Company), Piława Górna, Lower Silesia, SW Poland.

Name: Honors the Polish mineralogist, Professor Witold Żabiński (1929-2007).

Type Material: Mineralogical Museum, University of Wrocław, Wrocław, Poland (MMWr IV7675).

References: (1) Pieczka, A., F.C. Hawthorne, Chi Ma, G.R. Rossman, E. Szełęg, A. Szuszkiewicz, K. Turniak, K. Nejbert, S.S. Ilnicki, P. Buffat, and B. Rutkowski (2017) Żabińskiite, ideally $Ca(Al_{0.5}Ta_{0.5})(SiO_4)O$, a new mineral of the titanite group from the Piława Górna pegmatite, the Góry Sowie Block, southwestern Poland. Mineral. Mag., 81(3), 591-610. (2) (2018) Amer. Mineral., 103, 336-337 (abs. ref. 1).