Crystal Data: Orthorhombic. *Point Group*: 2/*m* 2/*m* 2/*m*. As rounded irregular grains, to 0.02 mm, included in polarite.

Physical Properties: *Cleavage*: Weak on {001}. *Fracture*: n.d. *Tenacity*: Brittle.
Hardness = 2 VHN = 233 (25 g load). D(meas.) = 9.9 D(calc.) = 10.18
Most properties determined on synthetic material.

Optical Properties: Opaque. *Color*: Gray. *Streak*: Gray; pale pink with a brownish tint in plane polarized light. *Luster*: Metallic. *Pleochroism*: Brownish to light pink. *Anisotropism:* Strong. *Optical Class*: n.d.
R_1-R_2: (470) 49.9-42.4, (546) 51.8-44.6, (589) 52.2-45.7, (650) 52.8-46.9

Cell Data: *Space Group*: *Pmmn*. *a* = 8.599(1) *b* = 5.9381(6) *c* = 6.3173(8) Z = 2

X-ray Powder Pattern: Synthetic $Pd_{2.99}Pb_{2.00}Te_{2.01}$.
3.0495 (100), 2.1637 (71), 2.5456 (63), 2.2786 (42), 1.8906 (42), 6.3152 (34), 2.4424 (34)

Chemistry:

	(1)	(2)
Pd	31.51	32.17
Pb	41.54	41.78
Bi	0.19	
Te	25.75	25.93
Total	98.99	99.88

(1) Talnakh deposit, Noril'sk-Talnakh mining camp, Russia; average of 4 electron microprobe analyses, corresponding to $Pd_{2.96}(Pb_{2.01}Bi_{0.01})Te_{2.02}$. (2) Average of 7 electron microprobe analyses of synthetic material, corresponding to $Pd_{2.99}Pb_{2.00}Te_{2.01}$.

Occurrence: Likely formed from late-stage residual liquids segregated from a Ni-Cu sulfide melt derived from a highly differentiated mafic intrusion.

Association: Polarite, sperrylite.

Distribution: Talnakh deposit, Noril'sk-Talnakh mining camp, Taimyr autonomous District, Russia.

Name: Honors Jan Pašava (b. 1957), a geologist with the Czech Geological Survey.

Type Material: Department of Mineralogy, National Museum, Prague, Czech Republic (catalog no. P1p 15/2007).

References: (1) Vymazalová, A., F. Laufek, M. Drábek, J. Haloda, T. Sidorinová, and J. Plášil (2009) Pašavaite, $Pd_3Pb_2Te_2$, a new platinum-group mineral species from the Noril'sk-Talnakh Ni-Cu camp, Russia. Can. Mineral., 47, 53–62. (2) (2009) Amer. Mineral., 94, 1500 (abs. ref. 1).