

NEW MINERAL NAMES

Telegdite

LÁSZLÓ ZECHMEISTER AND VERA VRABÉLY: Über Telegdit, ein fossiles Harz aus Siebenbürgen. (Telegdite, a fossil resin from Siebenbürgen). *Centr. Min.*, 1927, pp. 287-290.

NAME: In honor of Priv. Doz. K. v. Roth-Telegd, who furnished the material.

CHEMICAL PROPERTIES: A resin: C 76.93, H 10.17, S 1.73, O (by difference) 11.17. Partially soluble in absolute alcohol (27%), ether (33%), chloroform (63%). Insoluble in epichlorhydrin and cajeput oil. Upon heating gives off H₂S.

PHYSICAL AND OPTICAL PROPERTIES: Color honey yellow to yellow brown. Streak yellow. Upon rubbing becomes negatively electric. $n_D = 1.5416$. Sp. Gr. = 1.09. H = 2.5.

OCCURRENCE: Found in quartz sand and marls in masses up to the size of a nut at Szászcsór, Szeben, Siebenbürgen.

W. F. FOSHAG

Ajkaite

LÁSZLÓ ZECHMEISTER AND VERA VRABÉLY: Notiz über Ajkaite (ein organisches Mineral aus Ungarn. Ajkaite, an organic mineral from Hungary), *Ber. d. d. Chem. Gesell.*, 69, 1426-1428 (1926).

NAME: From the locality *Ajka*, Hungary.

CHEMICAL PROPERTIES: A fossil resin. Analysis: Light—C 80.38, H 11.00, O 7.20, S 1.41. Dark—C 79.01, H 9.89, O 9.61, S 1.49. Free of ash, N, Cl. Upon heating evolves H₂S. Sinters at 180°, becomes soft at 205°. Fuses to a honey like liquid. Burns with a sooty flame and resinous smell. Gives no succinic acid upon distillation. Insoluble in hot absolute alcohol, ether or carbon bisulfide; in pyridine or chloroform 4%. Slowly but completely soluble in cajeput oil. Reacts with nitric acid.

PHYSICAL PROPERTIES: Amorphous. Transparent. Color pale yellow to dark reddish brown. Becomes negatively charged upon rubbing. Sp. Gr = 1.05-1.06. H = 2.5. $n_D = 1.5412$. Weakly birefracting.

OCCURRENCE: Found in the brown coal beds at Ajka in Hungary.

W. F. F.

Boehmite

JACQUES DE LAPPARENT: L'Alumine hydratée des bauxites. (The hydrated alumina of bauxite). *Compt. Rend.*, 184, pp. 1661-1662, 1927.

NAME: In honor of H. *Boehm* who studied some bauxites by X-rays.

CRYSTALLOGRAPHIC PROPERTIES: Microscopic orthorhombic plates with the forms *m* (110) and *c* (001). Prism angle 63°.

CHEMICAL PROPERTIES: Hydrated aluminum hydrate, Al₂O₃·H₂O. No analysis given but the composition deduced from its X-ray similarity to lepidocrocite, Fe₂O₃·H₂O.

PHYSICAL AND OPTICAL PROPERTIES: Cleavage good parallel to the base. Plane of the optic axes parallel to the base with *Z* = macrodiagonal of the prism. Birefringence 0.020. Mean index of refraction slightly higher than that of gibbsite.

OCCURRENCE: Well developed in the bauxites of the Provinces of Ariège (Pérlille, Cadarcet) and Var (Recoux).

W. F. F.