

Vanadium-rich tourmaline of dravite - vanadiumdravite series in the metacherts from Chvojníca, Slovakia: crystal chemistry and multi-stage evolution [MS#3991, 01/03/2010]

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Carbobystrite, $\text{Na}_8(\text{Al}_6\text{Si}_6\text{O}_{24})(\text{CO}_3)\cdot 4\text{H}_2\text{O}$, a new cancriite-group mineral from the Khibina alkaline massif, Kola Peninsula, Russia: mineral description and crystal structure [MS#3969, 28/02/2010]

A.P. KHOMYAKOV, F. CÁMARA & E. SOKOLOVA

Ag enrichment via supergene alteration of primary Cu-Ag assemblages at Pardos vein system, Iberian Range, Spain [MS#3979, 28/02/2010]

I. FANLO, I. SUBÍAS & E. MATEO

The crystal structure of "perkovaite", $\text{CaMg}_2(\text{SO}_4)_3$, a mineral phase from coal dumps of the Chelyabinsk coal basin, Russia [MS#3989, 27/02/2010]

S.V. KRIVOVICHEV, E.P. SHCHERBAKOVA & T.P. NISHANBAEV

Stereochemical constraints in tourmaline: short- to long-range structure [MS#3964, 22/02/2010]

F. BOSI

Londonite from Urals and new aspects of crystal chemistry of the rhodizite-londonite series [MS#3913, 21/02/2010]

I.V. PEKOV, O. YAKUBOVICH, W. MASSA,
N.N. KONONKOVA, A.A. AGAKHANOV & V.YU. KARPENKO

Alflarsenite: structure and relationship to other Be-Si and zeolite framework structures (MS#3925, 21/02/2010)

J.D. GRICE, G. RAADE & M.A. COOPER

Roumaite, $(\text{Ca}, \text{Na}, \square)_3(\text{Ca}, \text{REE}, \text{Na})_4(\text{Nb}, \text{Ti})[\text{Si}_2\text{O}_7]_2(\text{OH})\text{F}_3$, from Rouma Island, Los Archipelago, Guinea: a new mineral species related to dovyrenite [MS#3885, 11/02/2010]

C. BIAGIONI, E. BONACCORSI, S. MERLINO, G.C. PARODI,

N. PERCHIAZZI, V. CHEVRIER & D. BERSANI

The crystal structures of three new complex silicates of scandium [MS#3900, 08/02/2010]

M. WIERZBICKA-WIECZOREK, U. KOLITSCH & E. TILLMANN

Characterization of phosphate-rich metalodèveite from Příbram, Czech Republic [MS#3877, 07/02/2010]

J. PLÁŠIL, J. SEJKORA, J. ČEJKA, P. ŠKÁCHA, V. GOLIÁŠ & J. EDEROVÁ

The crystal structure of alfredstelznerite, $\text{Ca}_4(\text{H}_2\text{O})_4[\text{B}_4\text{O}_4(\text{OH})_6]_4(\text{H}_2\text{O})_{15}$, a complex hydroxy-hydrated calcium borate mineral [MS#3897, 06/02/2010]

M.A. COOPER, F.C. HAWTHORNE, M. GALLISKI & M.F. MÁRQUEZ-ZAVALÍA

Adranosite, $(\text{NH}_4)_4\text{NaAl}_2(\text{SO}_4)_4\text{Cl}(\text{OH})_2$, a new ammonium sulfate chloride from La Fossa crater, Vulcano, Aeolian Islands, Italy [MS#3945, 28/02/2010]

F. DEMARTIN, C.M. GRAMACCIOLI & I. CAMPOSTRINI

Mineralogical responses to subsolidus alteration of granitic rocks by As-rich fluids: REE arsenates from the Zinnwald alkali-feldspar granite, eastern Erzgebirge, Germany [MS#3963, 12/01/2010]

H.-J. FÖRSTER, M. ONDREJKA & P. UHER

First report of platinum-group minerals from a placer deposit in Burwash Creek, Klwane area, Yukon, Canada [MS#3940, 11/01/2010]

Y. FEDORTCHOUK, W. LEBARGE, A.Y. BARKOV & R.F. MARTIN

Dantopaite, $\text{Ag}_5\text{Bi}_{13}\text{S}_{22}$, the ${}^6\text{P}$ natural member of the pavonite homologous series, from Erwies, Austria [MS#3954, 11/01/2010]

E. MAKOVICKY, W.H. PAAR, H. PUTZ & G. ZAGLER

Irradiation damage in monazite-(Ce): an example for limits in Raman confocality and depth resolution [MS#3949, 05/01/2010]

L. NASDALA, R. GRÖTZSCHEL, S. PROBST & B. BLEISTEINER

Devitoite, a new heterophyllosilicate with astrophyllite-like layers from eastern Fresno County, California [MS#3981, 09/02/2010]

A.R. KAMPF, G.R. ROSSMAN, I.M. STEELE,

J.J. PLUTH, G.E. DUNNING & R.E. WALSTROM

Post-Miocene and bronze-age supergene Cu-Pb arsenate - humate-oxalate - carbonate mineralization at Mega Livadi, Serifos, Greece [MS#3908, 26/12/2009]

H.G. DILL, F. MELCHER, S. KAUFHOLD,
A. TECHMER, B. WEBER & W. BÄUMLER

Commensurate refinement of the crystal structure of 7H : 12Q cannizzarite from Volcano, Italy [MS#3955, 21/12/2009]

D. TOPA, E. MAKOVICKY & H. DITTRICH

Pumpellyite and coexisting minerals in metapelites and veins from the Federico units in the Internal Zone of the Rif, Spain [MS#3879]

M.D. RUIZ CRUZ, C. SANZ DE GALDEANO,
A. ALVAREZ-VALERO, M.D. RODRIGUEZ RUIZ & J. NOVÁK

Microlite and tantalite in the LCT granitic pegmatites of La Canalita, Navasfrías Sn-W district, Salamanca, Spain [MS#3948, 03/03/2010]

T. LLORENS & M.C. MORO

Trace-element characteristics of vesuvianite from the metasomatic reaction zone of the Hirao limestone, in Japan [MS#3931, 17/12/2009]

M. FUKUYAMA, M. OGASAWARA, H. SATO, D. ISHIYAMA & T. NISHIYAMA

Ferro-obertiite, $\text{Na Na}_2 (\text{Fe}^{2+}_3 \text{Fe}^{3+}_2 \text{Ti}) \text{Si}_8 \text{O}_{22} \text{O}_2$, new mineral of the amphibole group from Coyote Peak, Humboldt County, California [MS#3961, 16/12/2009]

F.C. HAWTHORNE, N.A. BALL & G.K. CZAMANSKE

The crystal structures of niobophyllite, kupletskite-(Cs) and Sn-rich astrophyllite: revisions to the crystal chemistry of the astrophyllite-group minerals [MS#3974, 09/02/2010]

F. CÁMARA, E. SOKOLOVA, Y. ABDU & F.C. HAWTHORNE

The crystal structure of billingsleyite, $\text{Ag}_7(\text{As,Sb})\text{S}_6$, a sulfosalt containing As^{5+} [MS#3950, 10/01/2010]

L. BINDI, R.T. DOWNS & S. MENCHETTI

Highly metamorphosed iron formation on Arcedeckne Island, Boothia Peninsula,

Arctic Canada, and the paragenesis of harrisonite, $\text{Ca}(\text{Fe,Mg})_6(\text{SiO}_4)_2(\text{PO}_4)_2$
[MS#3959, 07/12/2009]

T. FRISCH & R.K. HERD

Huanzalaite, MgWO_4 , a new mineral species from the Huanzalà mine, Peru
[MS#3946, 16/12/2009]

R. MIYAWAKI, K. YOKOYAMA, S. MATSUBARA, H. FURUTA, A. GOMI & R. MURAKAMI

Imaging birefringent minerals without extinction using circularly polarized light
[MS#3938, 26/11/2009]

M.D. HIGGINS

Spinel composition, PGE geochemistry and mineralogy of the chromitites from the
Vourinos ophiolite complex, NW Greece [MS#3919, 31/10/2009]

A. KAPSIOTIS, T.A. GRAMMATIKOPOULOS, F. ZACCARINI,
B. TSIKOURAS, K. HATZIPANAGIOTOU & G. GARUTI

The stable and radiogenic isotopic attributes of precious-metal-bearing
polymetallic veins from the Cobalt Embayment, northern Ontario, Canada: genetic
and exploration implications [MS#3920, 30/10/2009]

E.G. POTTER & R.P. TAYLOR

Lecoqite-(Y), $\text{Na}_3\text{Y}(\text{CO}_3)_3 \cdot 6\text{H}_2\text{O}$, a new mineral species from Mont Saint-Hilaire,
Quebec, Canada [MS#3947, 25/12/2009]

I.V. PEKOV, N.V. CHUKANOV, N.V. ZUBKOVA, D.A. KSENOFONTOV,
L. HORVÁTH, A.E. ZADOV & D.YU. PUSHCHAROVSKY

Characterization of chevkinite-(Ce) in pegmatites associated with an alkali syenite
- pyroxenite association from southern India [MS#3906, 07/10/2009]

H.M. RAJESH & J. AKAI

Dissakisite-(La), mukhinite, and clinozoisite: V,Cr,REE-rich members of the epidote
group in amphibole - pyrite - pyrrhotite metabasic rocks from Pezinok, Rybníček
mine (western Carpathians, Slovakia) [MS#3914, 02/10/2009]

P. BAČÍK & P. UHER

The crystal structure of angelaites, $\text{Cu}_2\text{AgPbBiS}_4$ [MS#3890, 01/12/2009]

D. TOPA, E. MAKOVICKY & H. PUTZ

Mineralogical data on angelaites, $Cu_2AgPbBiS_4$, from the Los Manantiales District, Chubut, Argentina [MS#3889, 30/11/2009]

D. TOPA, W.H. PAAR, H. PUTZ, G. ZAGLER, M.K. DE BRODTKORB,
C.J. STANLEY, A.C. ROBERTS & E. MAKOVICKY

Åkermanite breakdown to a cuspidine-bearing symplectite in a calc-silicate xenolith, Kiglapait intrusion, Labrador [MS#3927, 14/09/2009]

B.E. OWENS & D.T. KREMSER

Mineral compositions and petrogenetic evolution of the ultramafic-alkaline - carbonatitic complex of Sung Valley, northeastern India [MS#3924, 08/12/2009]

L. MELLUSO, R.K. SRIVASTAVA, V. GUARINO, A. ZANETTI & A.J. SINHA

A new occurrence of larosite [MS#3922, 11/09/2009]

N.J. COOK, C.L. CIOBANU, Ø.S. PEDERSEN, T.H. LANGERUD & O.A. KARLSEN

Horomanite, $(Fe,Ni,Co,Cu)_9S_8$, and samaniite, $Cu_2(Fe,Ni)_7S_8$, new mineral species from the Horoman peridotite massif, Hokkaido, Japan [MS#3894, 16/07/2009]

A. KITAKAZE

Gold-PGE deposit hosted in sheared peraluminous granite in the Buraco do Ouro gold mine, Cavalcante, Goiás State, Brazil: ore characterization and textural relationships among gold, selenides, PGE minerals, and uraninite [MS#3895, 06/07/2009]

J. MENEZ & N.F. BOTELHO

Metamorphic-hydrothermal REE minerals in the Bacúch magnetite deposit, western Carpathians, Slovakia: (Sr,S)-rich monazite-(Ce) and Nd-dominant hingganite [MS#3862, 05/01/2010]

J. PRŠEK, M. ONDREJKA, P. BAČIK, B. BUDZYŃ & P. UHER

Feldspar thermometry of Grenvillian age UHT migmatites, southern Peru [MS#3838, 11/05/2009]

J. MARTIGNOLE & Z. WANG

Nepheline from Egan Chute, Bancroft, Ontario: structure to 900°C, origin of satellite reflections, positional modulation of the O1 atom, Al-Si order, and a model

for K-vacancy disorder [MS#3892, 05/05/2009]

I. HASSAN & S.M. ANTAO

Nepheline: structure of three samples from Bancroft, Ontario, obtained using synchrotron HRPXRD [MS#3891, 04/12/2009]

S.M. ANTAO & I. HASSAN

Late Neo-Proterozoic epithermal gold mineralization in a crustal continuum context: shear-zone-hosted gold at Wadi Abu Khushayba, southwestern Jordan [MS#3847, 11/04/2009]

M. AL-HWAITI, B.A. ZOHEIR, B. LEHMANN & I. RABBA

Punkaruavite, $\text{Li}\{\text{Ti}_2(\text{OH})_2[\text{Si}_4\text{O}_{11}(\text{OH})]\}\cdot\text{H}_2\text{O}$, a new mineral species from hydrothermalites of Khibiny and Lovozero alkaline massifs (Kola Peninsula, Russia) [MS#3833, 09/03/2009]

V.N. YAKOVENCHUK, G.YU. IVANYUK, YA.A. PAKHOMOVSKY, E.A. SELIVANOVA, YU.P. MEN'SHIKOV, J.A. KORCHAK, S.V. KRIVOVICHEV, D.V. SPIRIDONOVA & O.A. ZALKIND

Zincochromite from the Guaniamo River diamondiferous placers, Venezuela: evidence of its metasomatic origin [MS#3852, 25/02/2009]

Z. JOHAN & D. OHNENSTETTER

Alfredstelnznerite: a new species of calcium borate hydrate from the Santa Rosa mine, Salta, northwestern Argentina [MS#3826, 14/11/2009]

M.A. GALLISKI, M.A. COOPER, M.F. MÁRQUEZ-ZAVALÍA & F.C. HAWTHORNE

The platinum-group minerals and gold of massive pyrrhotite lenses in the Dzhugdzhur anorthosite, Russia [MS#3758, 29/12/2008]

R.A. OKTYABRSKY, A.N. SOLYANIK, A.M. LENNIKOV, V.I. GVOZDEV, J.P. POTOTSKIY & V.V. IVANOV

The crystal structure of the orthoenstatite polymorph of CoGeO_3 (MS#3845, 03/12/2008)

K.S. KNIGHT & C.M.B. HENDERSON

Structure refinement of an untwinned single crystal of Ag-excess fizélyite,
 $\text{Ag}_{5.94}\text{Pb}_{13.74}\text{Sb}_{20.84}\text{S}_{48}$ (MS#3769, 10/09/2009)

HEXIONG YANG, R.T. DOWNS, J.B. BURT & G. COSTIN

Exceptionally high Th and U-bearing apatite from a granitoid pegmatite and trace
element partitioning among apatite, calcite and mica (MS#3542, 01/11/2006)

M. MODKJARRAD, M. MOAZZEN & R. OBERHÄNSLI

Novodneprite, AuPb_3 , a new species of intermetallic compound from Novodneprovsk
gold - arsenic - polymetallic deposit, northern Kazakhstan (MS#3596,
06/10/2006)

K.S. DYUSEMBAEVA, V.L. LEVIN, P.E. KOTEL'NIKOV, G.K. BEKENOVA & V.V. BIRYULIN

Structural topology of eudialytes and alluaivites: crystal structures of two
members of the eudialyte-alluaivite solid solution from the Khibiny alkaline massif,
Russia (MS#3495, 20/06/2006)

S.V. KRIVOVICHEV, O.A. AGEEVA, B.YE. BORUTZKY & P.C. BURNS

Ta-Nb geochemical constraints on the petrogenesis of granitic pegmatites in the
southwestern Grenville Province, Ontario (MS#3481, 04/05/2006)

T.S. ERCIT

Euxenite- and aeschynite-group minerals from Quadeville, Ontario, Canada
(MS#3450, 27/03/2006)

T.S. ERCIT

Geochemistry and U-Pb SHRIMP geochronology of monazite and xenotime, Fazenda
Brasileiro gold deposit, Bahia, Brazil (MS#3389, 08/05/2005)

K.C.J. PIRES, N.M. VIELREICHER, I.R. FLETCHER,
N.J. McNAUGHTON, D.I. GROVES & M.L.L. FORMOSO

Geochemical constraints on the Cenozoic alkaline volcanic rocks of NW Turkey:
implications for mantle sources and melting processes in OIB genesis (MS#3365;
10/03/2005)

E. ALDANMAZ, N. KÖPRÜBAŞI, Ö.F. GÜRER, N. KAYMAKÇI & A. GOURGAUD

Chemical and mineralogical character of African gem tourmaline (MS#3259;
04/11/2004)

B.S. GILLER, W.B. SIMMONS, A.U. FALSTER, K.L. WEBBER, M.A. WISE & B.M. LAURS

Vanadium-rich muscovite from Austria: crystal structure, chemical analysis, and spectroscopic investigations (07/09/2004; #3283)

J.M. HUGHES, A. ERTL, H.-J. BERNHARDT, J. RAKOVAN & G.R. ROSSMAN

Rhyolite as a final product of basic liquid fractionation in a low-level chamber beneath the crest of the Juan de Fuca Ridge (15/03/2004)

V.N. SHAPANOV, V.A. AKIMTSEV, A.A. TOMILENKO & S.V. KOVYAZIN

A bismuth-rich, tellurium-bearing mineral assemblage from El Quemado granitic pegmatite, Nevados de Palermo, Salta, Argentina (14/02/2004)

M.F. MARQUEZ-ZAVALÍA, M.A. GALLISKI, P. ČERNÝ & R. CHAPMAN

Extreme fractionation and shearing of the leucogranite - pegmatite suite at Red Cross Lake, Manitoba. II. Mineralogy (22/09/2003)

P. ČERNÝ, D.K. TEERTSTRA, R. CHAPMAN, J.B. SELWAY, K. FERREIRA, L.E. CHACKOWSKY, XIAN-JUE WANG, R.E. MEINTZER, M.A. COOPER & F.C. HAWTHORNE

A re-examination of "allanite" from the Grenville Province (05/01/2003)

T.S. ERCIT