



IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) – Newsletter 89

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The information given here is provided by the IMA Commission on New Minerals, Nomenclature and Classification for comparative purposes and as a service to mineralogists working on new species.

Each mineral is described in the following format:

- Mineral name, if the authors agree on its release prior to the full description appearing in press
- Chemical formula (ideal formula)
- Mineral symbol
- Type locality
- Full authorship of proposal
- E-mail address of corresponding author
- Relationship to other minerals
- Crystal system, space group; structure determined, yes or no
- Unit cell parameters
- Strongest lines in the X-ray powder diffraction pattern
- Type specimen repository and specimen number

- Citation details for the mineral prior to publication of the full description.

Citation details concern the fact that this information will be published in the *European Journal of Mineralogy* on a routine basis, as well as being added month by month to the commission's website. It is still a requirement for the authors to publish a full description of the new mineral.

No other information will be released by the commission.

1 New mineral proposals approved in December 2025

IMA no. 2025-033a

Bergbauerite

$(\text{H}_2\text{O})_2\text{Mn}_2(\text{Fe}_2\text{Ti})(\text{PO}_4)_4(\text{OH})_2(\text{H}_2\text{O})_{10} \cdot 4\text{H}_2\text{O}$

Bbr

Hühnerkobel mine, near the hamlet of Rabenstein, Zwiesel, Bavarian Forest, Germany (49°03'06'' N, 13°10'10'' E)

Ian E. Grey*, Christian Rewitzer, Rupert Hochleitner, Anthony R. Kampf, Stephanie Bird, and William G. Mumme

* E-mail: ian.grey@csiro.au

Paulkerrite group

Orthorhombic: *Pbca*; structure determined

$a = 10.543(2)$, $b = 20.406(4)$, $c = 12.478(2)$ Å

10.223(60), 7.503(69), 6.245(100), 5.247(45), 3.973(32), 3.748(50), 3.130(90), 2.869(44)

Type material is deposited in the collections of the Mineralogical State Collection (SNSB), Theresienstrasse 41, 80333 München, Germany, under registration number MSM 38930 (holotype) and the Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, CA 90007, USA, under catalogue number 76790 (cotype).

How to cite: Grey, I. E., Rewitzer, C., Hochleitner, R., Kampf, A. R., Bird, S., and Mumme, W. G.: Bergbauerite, IMA 2025-033a, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-057

Elramlyite-(Ce)

$(\square_{0.67}\text{Ce}_{0.33})\text{Th}_2(\text{PO}_4)_2\text{F}_3$

Elr-Ce

Um Safi area, Central Eastern Desert, Egypt (25°19'51" N, 34°08'13" E)

Nasser Mourad Mahdy*, Martin Ondrejka, Cristian Biagioni, Natale Perchiazzi, Peter Bačík, Jiří Sejkora, Pavel Uher, Radek Škoda, Hans-Jürgen Förster, Martin Števko, Tomáš Mikuš, and Matej Rybárik

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New structure type

Monoclinic: $I2/a$; structure determined

$a = 8.2197(5)$, $b = 6.8479(3)$, $c = 14.0806(8)$ Å,
 $\beta = 96.304(5)^\circ$

6.145(100), 5.245(54), 3.497(49), 3.369(40), 3.330(49), 3.052(95), 2.940(79), 2.129(35)

Cotype material is deposited in the collections of the National History Museum, Vajanského nábřeží 2, P.O. BOX 13, 81006 Bratislava, Slovakia, under catalogue number M-20414; the Museo di Storia Naturale, University of Pisa, Via Roma 79, 56011 Calci (PI), Italy, under catalogue number 20082; and the National Museum, Department of Mineralogy and Petrology, Cirkusová 1740, Prague 9, Czech Republic, under catalogue number PIP 24/2025.

How to cite: Mahdy, N. M., Ondrejka, M., Biagioni, C., Perchiazzi, N., Bačík, P., Sejkora, J., Uher, P., Škoda, R., Förster, H.-J., Števko, M., Mikuš, T., and Rybárik, M.: Elramlyite-(Ce), IMA 2025-057, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-067

Huangshanite

$\text{Fe}^{3+}\text{TaO}_4$

Hus

Huangshan pluton, Huangshan, Anhui Province, China (30°07'42" N, 118°09'48" E)

Lei Xie*, Xinhao Duan, Xiangping Gu, and Rucheng Wang

* E-mail: xielei@nju.edu.cn

Columbite supergroup

Monoclinic: $P2/c$; structure determined

$a = 4.6956(4)$, $b = 5.6949(5)$, $c = 5.0921(4)$ Å,
 $\beta = 90.270(8)^\circ$

3.617(39), 2.943(100), 2.543(27), 2.481(21), 1.725(19), 1.722(19), 1.705(23), 1.535(19)

Type material is deposited in the collections of the Geological Museum of China, No. 15 Yangrou Hutong, Xisi, Xicheng District, 100034 Beijing, People's Republic of China, under catalogue number GMCTM2025010 (holotype) and the Geological Museum, Nanjing University, 39 Beijing E Rd, Nanjing 210008, People's Republic of China, under catalogue number newmin-2025-hsn.

How to cite: Xie, L., Duan, X., Gu, X., and Wang, R.: Huangshanite, IMA 2025-067, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-070

Raudseppite

$\text{Ba}_2\text{Ca}_7(\text{Si}_3\text{O}_9)_2(\text{CO}_3)_2\text{Cl}_2$

Rdp

Gun claim, 5 km southeast of Itsi Lakes and 360 km north-east of Whitehorse, Yukon Territory, Canada (62°50'50" N, 130°00'51" W)

Mary Macquistan, Lee A. Groat*, Inna Lykova, Ronald C. Peterson, and Ralph Rowe

* E-mail: lee.groat@ubc.ca

New structure type

Triclinic: $P\bar{1}$; structure determined

$a = 7.7818(4)$, $b = 7.8360(4)$, $c = 11.0318(6)$ Å,
 $\alpha = 100.229(1)$, $\beta = 92.743(1)$, $\gamma = 113.200(1)^\circ$

5.39(31), 4.048(23), 3.618(22), 3.253(46), 3.048(100), 3.029(62), 2.951(41), 2.692(24)

Type material is deposited in the collections of the Canadian Museum of Nature, Natural Heritage Campus, 1740 Pink Road, Gatineau, Quebec J9J 3N7, Canada, under catalogue number CMNMC 93669.

How to cite: Macquistan, M., Groat, L. A., Lykova, I., Peterson, R. C., and Rowe, R.: Raudseppite, IMA 2025-070, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-071

Pratesiite

AgCuTe_2

Prat

Good Hope mine, Vulcan mining district, Gunnison Co., Colorado, USA (38°20'35" N, 107°00'26" W)

Luca Bindi*, Stefano Caporali, Tiziano Catelani, Vanni Moggi-Cecchi, Tiberio Cuppone, Annarita Franza, Gabriele Giuli, Anna Irene Landi, Marco Morelli, and Xhonatan Shehaj

* E-mail: luca.bindi@unifi

Chemically related to cameronite, henryite, and spiridonovite
Orthorhombic: *Pmm2*; structure determined

$a = 3.099(1)$, $b = 3.894(1)$, $c = 5.967(2)$ Å
3.26(25), 2.748(50), 2.370(45), 2.248(100), 1.985(20),
1.945(30), 1.884(20), 1.585(10)

Type material is deposited in the collections of the Museo di Storia Naturale, Università di Firenze, Via La Pira 4, I-50121, Firenze, Italy, under catalogue number 3295/I.

How to cite: Bindi, L., Caporali, S., Catelani, T., Moggi-Cecchi, V., Cuppone, T., Franza, A., Giuli, G., Landi, A. I., Morelli, M., and Shehaj, X.: Pratesiite, IMA 2025-071 in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-075

Plumbogottlobite

$\text{PbMg}(\text{VO}_4)(\text{OH})$

Pg_{ot}

On the dumps of the Glücksstern mine, Gottlob Hill, Friedrichroda, Gotha District, Thuringia, Germany (50°51'06" N, 10°34'10" E)

Anthony R. Kampf*, Joy Désor, and Chi Ma

* E-mail: akampf@nhm.org

The Pb analogue of gottlobite and the Mg analogue of descloizite

Orthorhombic: *Pnma*; structure determined

$a = 7.6104(7)$, $b = 6.1091(6)$, $c = 9.3968(8)$ Å
5.115(53), 3.230(100), 2.887(46), 2.651(43), 2.612(46),
2.303(42), 2.102(69), 1.660(55)

Type material is deposited in the collections of the Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, CA 90007, USA, catalogue number 77403

How to cite: Kampf, A. R., Désor, J., and Ma, C.: Plumbogottlobite, IMA 2025-075, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

2 New mineral proposals approved in January 2026

IMA no. 2025-058

Zuolinite

$\text{Ba}_2\text{Sr}(\text{Nb}_{4.5}\text{Fe}_{0.5}^{3+})\text{O}_{15}$

Zln

Bayan Obo deposit, northern margin of the North China Craton (NCC), Inner Mongolia, China (41°48'08" N, 109°54'50" E)

Hai-Dong She, Hong-Rui Fan*, Xiang-Ping Gu, Xiao-Chun Li, Kui-Feng Yang, Qi-Wei Wang, Zhan-Feng Yang, and Biao Chen

* E-mail: fanhr@mail.iggcas.ac.cn

New structure type

Tetragonal: *P4/mbm*; structure determined

$a = 12.5091(4)$, $c = 3.9664(2)$ Å
3.478(39), 3.237(63), 3.034(100), 2.952(29), 2.795(99),
1.981(30), 1.660(22), 1.615(27)

Type material is deposited in the collections of the Geology Museum, Institute of Geology and Geophysics, Chinese Academy of Sciences, No. 19 Beitucheng Western Road, Chaoyang District, 100029 Beijing, People's Republic of China, specimen number KDX080 (holotype) and M8243 (cotype) and the Geological Museum of China, No. 15 Yangrou Hutong, Xicheng District, 100034 Beijing, People's Republic of China, specimen number GMCTM2025009 (cotype).

How to cite: She, H.-D., Fan, H.-R., Gu, X.-P., Li, X.-C., Yang, K.-F., Wang, Q.-W., Yang, Z.-F., and Chen, B.: Zuolinite, IMA 2025-058, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-076

Delchiaroite

$\text{Cu}_3\text{I}(\text{CH}_3\text{S})_2$

Dch

La Piana quarry, Colonnata marble basin, Apuan Alps, Massa-Carrara Province, Tuscany, Italy (44°04'41" N, 10°08'23" E)

Cristian Biagioni*, Yves Moëlo, Jiří Sejkora, Antonino Criscuolo, and Zdeněk Dolníček

* E-mail: cristian.biagioni@unipi.it

New structure type

Orthorhombic: *Pmmn*; structure determined

$a = 16.924(10)$, $b = 4.099(2)$, $c = 5.572(3)$ Å
8.46(100), 3.989(9), 3.366(12), 3.315(19), 3.251(6),
2.362(10), 2.049(7), 1.947(9)

Cotype material is deposited in the collections of the Museo di Storia Naturale, University of Pisa, Via Roma 79, 56011 Calci (PI), Italy, under catalogue number 20083 and the National Museum, Cirkusová 1740, 193 00 Prague 9, Czech Republic, under catalogue number PIP 29/2025.

How to cite: Biagioni, C., Moëlo, Y., Sejkora, Y., Criscuolo, A., and Dolníček, Z.: Delchiaroite, IMA 2025-076, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-077

Arsenobenauite



Abnu

Fuchs quarry, Hartkoppe, Sailauf, Aschaffenburg District, Lower Franconia, Bavaria, Germany (50°01'57" N, 9°16'28" E)

Anthony R. Kampf*, Gerhard Möhn, Chi Ma, Joy Désor, and Günter Blaß

* E-mail: akampf@nhm.org

Alunite supergroup

Trigonal: $R\bar{3}m$; structure determined

$$a = 7.3642(5), c = 17.100(2) \text{ \AA}$$

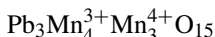
5.964(23), 3.683(29), 3.095(100), 2.852(15), 2.273(25), 1.991(27), 1.840(25), 1.546(15)

Type material is deposited in the collections of the Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, CA 90007, USA, catalogue number 77402.

How to cite: Kampf, A. R., Möhn, G., Ma, C., Désor, J., and Blaß, G.: Arsenobenauite, IMA 2025-077, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-080

Strandite



Strn

Långban deposit, Filipstad District, Värmland, Sweden (59°51'19" N, 14°15'53" E; 215 m a.s.l.)

Andreas Karlsson*, Dan Holtstam, Luca Bindi, and Daniel Buczko

* E-mail: andreas.karlsson@nrm.se

The Mn³⁺ analogue of zenzénite

Hexagonal: $P6_3/mcm$; structure determined

$$a = 10.0488(5), c = 13.677(1) \text{ \AA}$$

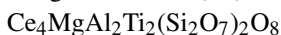
6.8(30), 5.03(30), 3.422(60), 3.195(100), 2.902(25), 2.828(65), 2.669(55), 2.355(30)

Type material is deposited in the collections of the Department of Geosciences, Swedish Museum of Natural History, Box 50007, SE-10405 Stockholm, Sweden, collection number GEO-NRM 20190015.

How to cite: Karlsson, A., Holtstam, D., Bindi, L., and Buczko, D.: Strandite, IMA 2025-080, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-081

Longshoushanite-(Ce)



Lgs-Ce

Jinchuan deposit, Gansu Province, China (38°30' N, 102°07' E)

Jinhua Hao, Ningyue Sun, Yuan Xue, Shangguo Su, Xiangyu Zhang, and Guowu Li*

* E-mail: liguowu@cugb.edu.cn

Chevkinite group

Monoclinic: $P2_1/a$; structure determined

$$a = 13.6854(10), b = 5.6292(2), c = 11.6868(8) \text{ \AA}$$

$$\beta = 113.718(8)^\circ$$

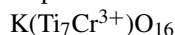
5.350(32), 5.135(29), 3.544(39), 2.968(87), 2.941(100), 2.815(40), 2.675(37), 1.939(35)

Type material is deposited in the collections of the Geological Museum of China, Xisi, Yangrou Hutong No. 15, Xicheng District, Beijing, People's Republic of China, under catalogue number GMCTM2025011.

How to cite: Hao, J., Sun, N., Xue, Y., Su, S., Zhang, X., and Li, G.: Longshoushanite-(Ce), IMA 2025-081, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-082

Kopernikite



Kop

Morasko iron meteorite, Morasko meteorite natural reserve, northern edge of Poznań, Poland (52°29'25.2" N, 16°53'25.9" E)

Evgeny Galuskin*, Andrzej Muszyński, Joachim Kusz, Maria Książek, Irina Galuskina, and Grzegorz Zieliński

* E-mail: evgeny.galuskin@us.edu.pl

Hollandite supergroup

Tetragonal: $I4/m$; structure determined

$$a = 10.0955(5), c = 2.9534(2) \text{ \AA}$$

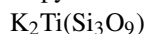
5.048(52), 3.569(17), 3.192(00), 2.524(17), 2.472(22), 2.220(24), 1.683(37), 1.583(21)

Type material is deposited in the collections of the Mineralogical Museum, University of Wrocław, Cybulskiego 30, 50-205 Wrocław, Poland, under catalogue number MMUWr-IV-8223.

How to cite: Galuskin, E., Muszyński, A., Kusz, J., Książek, M., Galuskina, I., and Zieliński, G.: Kopernikite, IMA 2025-082, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-084

Kopylovite



Kpy

Sloan kimberlite pipe, Wyoming Craton, Colorado, USA (40°50'35.9" N, 105°27'11.9" W)

Nester Korolev*, Ekaterina S. Kiseeva, Konstantin Glazyrin, Chi Ma, and Geoffrey H. Howarth

* E-mail: korolev.nm@gmail.com

The titanium analogue of wadeite

Hexagonal: $P6_3/m$; structure determined

$a = 6.7638(1)$, $c = 9.8934(2)$ Å

5.858(17), 3.779(18), 3.200(25), 2.874(57), 2.808(46), 2.792(100), 2.161(23), 1.816(20)

Type material is deposited in the collections of the American Museum of Natural History, 200 Central Park West, New York, NY 10024-5102, USA, under catalogue number AMNH#115650.

How to cite: Korolev, N., Kiseeva, E. S., Glazyrin, K., Ma, C., and Howarth, G. H.: Kopylovite, IMA 2025-084, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

IMA no. 2025-086

Spanoite

$Tl_2[(UO_2)_2(V_2O_8)]$

Spt

Atlanta mine, Lincoln Co., Nevada, USA (38°27'57" N, 114°19'21" W)

Travis A. Olds*, Christopher Emproto, Brodie Barth, Peter C. Burns, Anthony R. Kampf, Chi Ma, Aaron J. Lussier, Jakub Plášil, Geoffrey D. Sterling, Pavel M. Kartashov, and Joy Désor

* E-mail: oldst@carnegiemnh.org

Known synthetic analogue

Monoclinic: $P2_1/c$; structure determined

$a = 6.8535(5)$, $b = 8.4214(4)$, $c = 10.5181(6)$ Å,
 $\beta = 105.364(4)^\circ$

6.609(23), 5.071(21), 4.080(32), 3.551(100), 3.304(87), 3.150(44), 3.125(57), 1984(21)

Type material is deposited in the collections of the Carnegie Museum of Natural History, 4400 Forbes Ave, Pittsburgh, PA 15213, USA, under catalogue nos. CM34788 (holotype) and CM34789 (cotype).

How to cite: Olds, T. A., Emproto, C., Barth, B., Burns, P. C., Kampf, A. R., Ma, C., Lussier, A. J., Plášil, J., Sterling, G. D., Kartashov, P. M., and Désor, J.: Spanoite, IMA 2025-086, in: CNMNC Newsletter 89, Eur. J. Mineral., 38, <https://doi.org/10.5194/ejm-38-117-2026>, 2026.

3 Nomenclature/classification proposals approved in December 2025

IMA 25-C – formal discreditation of “eosite” and “collieite”

(Michael S. Rumsey)

Proposal 25-C is accepted, and the terms “eosite” and “collieite”, obsolete names referring to vanadium-bearing vari-

eties of wulfenite and pyromorphite, respectively, are formally discredited.

4 Nomenclature/classification proposals approved in January 2026

4.1 Milarite supergroup

(Frank C. Hawthorne, Elena Sokolova, and Adam Pieczka)

The milarite supergroup has been established. It includes the sogdianite group, the milarite group, the roedderite group, the dusmatovite group, and the armenite group.

4.2 Kassite group

(Nester Korolev and Sergey V. Krivovichev)

The kassite group has been established. It includes the minerals kassite, lucasite-(Ce), lucasite-(La), and rosiaite.

4.3 Paulkerrite group (amendment)

(Ian E. Grey, Anthony R. Kampf, Christian Rewitzer, and Rupert Hochleitner)

The proposed amendment for the paulkerrite group has been accepted. It supersedes the previously accepted nomenclature (Grey, I.E., Boer, S., MacRae, C.M., Wilson, N.C., Mumme, W.G., Bosi, F.: Crystal-chemistry of type paulkerrite and establishment of the paulkerrite group nomenclature. *European Journal of Mineralogy*, 35, 909-919 (2023)). The amendment resulted in the approval of the name bergbauerite for the new mineral IMA 2025-033 (see this Newsletter) instead of the unwieldy, double-prefixed name “hydrohydroxylmacraeite” that would have come out after the old nomenclature scheme.

4.4 IMA 25-A – ferropseudobrookite (approval), armalcolite (redefinition), pseudobrookite group (establishment)

(Andrew J. Locock, Christopher D.K. Herd, Chi Ma, Matthew Steele-Macinnis, and Robert W. Luth)

Proposal 25-A is accepted. The end-member formula of armalcolite is redefined as $MgTi_2^{4+}O_5$ (neotype from Disko Island, Greenland, sample 176411, Natural History Museum of Denmark), and ferropseudobrookite is defined as a new mineral species with the end-member formula $Fe^{2+}Ti_2^{4+}O_5$ (holotype from Disko Island, Greenland, sample 176486, Natural History Museum of Denmark). A neotype sample has been designated for pseudobrookite, $Fe_2^{3+}Ti^{4+}O_5$, from the original locality of Măgura Uroiului, near the town of Simeria, Romania (sample Á.59.6103, Hungarian Natural History Museum). The pseudobrookite group consists of orthorhombic oxides with the general formula M_3O_5 and includes the five following species: pseudobrookite, $Fe_2^{3+}Ti^{4+}O_5$; armalcolite, $MgTi_2^{4+}O_5$; ferropseu-

dobrookite, $\text{Fe}^{2+}\text{Ti}_2^{4+}\text{O}_5$; griffinite, $\text{Al}_2\text{Ti}^{4+}\text{O}_5$; and sassite, $\text{Ti}_2^{3+}\text{Ti}^{4+}\text{O}_5$.

4.5 IMA 25-E – hydrohalloysite (discreditation) and halloysite (redefinition)

(Bruno Lanson)

Proposal 25-E is accepted. Hydrohalloysite is discredited, and halloysite is redefined as having the chemical formula $\text{Si}_2\text{Al}_2\text{O}_5(\text{OH})_4 \cdot n\text{H}_2\text{O}$.

4.6 IMA 25-F – redefinition of natrodufrénite

(Jaromír Tvrđý, Radek Škoda, Lenka Skřápková, Pierre-Jacques Chiappero, Gwladys Steciuk, Jan Filip, Jan Cempírek, and Dominik Talla)

Proposal 25-F is accepted, and the formula of natrodufrénite is changed to $\text{NaFe}^{3+}\text{Fe}_5^{3+}(\text{PO}_4)_4\text{O}(\text{OH})_5(\text{H}_2\text{O})_2$.

4.7 IMA 25-G – discreditation of shubnikovite

(Anatoly V. Kasatkin, Jakub Plášil, Vladislav V. Gurzhiy, Radek Škoda, Nikita V. Chukanov, Dmitriy I. Belakovskiy, Atali A. Agakhanov, Gwladys Steciuk, and Svetlana O. Ryzhkova)

Proposal 25-G is accepted, and shubnikovite is discredited since it corresponds to a mixture of lavendulan and richelsdorffite.

5 Other issues

5.1 Revised formula for haxonite

The formula of haxonite is currently reported in the IMA List of Minerals as $(\text{Fe,Ni})_{23}\text{C}_6$. Recent chemical and single-crystal X-ray diffraction data (<https://doi.org/10.2138/am-2025-10067>) show that Ni occupies a single crystallographic site, resulting in the ideal formula $\text{NiFe}_{22}\text{C}_6$. As no chemical elements are added or removed, this change is approved executively by the CNMNC officers.

5.2 Correct space group for wangxibinite

In the CNMNC Newsletter 87, the space group of the new mineral wangxibinite (IMA 2023-081b) was erroneously given as $Im\bar{3}m$; actually, it is $Pm\bar{3}m$.