

## Mineral Nomenclature: family, supergroup, group

<http://cnmnc.main.jp/imareport.htm>

<b>Family, Supergroup, Group</b>	<b>Year</b>	<b>Reference</b>
<a href="#">platinum-group-element alloys</a>	1991	Harris, D.C. and Cabri, L.J., 1991. Nomenclature of platinum-group-element alloys: review and revision. <i>Canadian Mineralogist</i> , 29(2), 231-237.
<i>sulfides</i>		
<a href="#">sulfosalts</a>	2008	Moëlo, Y., Makovicky, E., Mozgova, N.N., Jambor, J.L., Cook, N., Pring, A., Paar, W., Nickel, E.H., Graeser, S., Karup-Møller, S. and Balic-Žunic, T., 2008. Sulfosalt systematics: a review. Report of the sulfosalt sub-committee of the IMA Commission on Ore Mineralogy. <i>European Journal of Mineralogy</i> , 20(1), 7-46.
<a href="#">Tetrahedrite</a>	2020	Biagioni, C., George, L.L., Cook, N.J., Makovicky, E., Moëlo, Y., Pasero, M., Sejkora, J., Stanley, C.J., Welch, M.D. and Bosi, F., 2020. The tetrahedrite group: Nomenclature and classification. <i>American Mineralogist: Journal of Earth and Planetary Materials</i> , 105(1), 109-122.
<i>oxides</i>		
<a href="#">Högbomite</a>	2002	Armbruster, T., 2002. Revised nomenclature of högbomite, nigerite, and taaffeite minerals. <i>European Journal of Mineralogy</i> , 14(2), 389-395.
<a href="#">Hollandite</a>	2013	Biagioni, C., Capalbo, C. and Pasero, M., 2013. Nomenclature tunings in the hollandite supergroup. <i>European Journal of Mineralogy</i> , 25(1), 85-90.
<a href="#">Hydrotalcite</a>	2012	Mills, S.J., Christy, A.G., Génin, J.M., Kameda, T. and Colombo, F., 2012. Nomenclature of the hydrotalcite supergroup: natural layered double hydroxides. <i>Mineralogical Magazine</i> , 76(5), 1289-1336.
<a href="#">Magnetoplumbite</a>	2020	Holtstam, D. and Hålenius, U., 2020. Nomenclature of the magnetoplumbite group. <i>Mineralogical Magazine</i> , 84, 376-380.
<a href="#">Mayenite</a>	2015	Galuskin, E.V., Gfeller, F., Galuskina, I.O., Armbruster, T., Bailau, R. and Sharygin, V.V., 2015. Mayenite supergroup, part I: Recommended nomenclature. <i>European Journal of Mineralogy</i> , 27(1), 99-111.
<a href="#">Perovskite</a>	2017	Mitchell, R.H., Welch, M.D. and Chakhmouradian, A.R., 2017. Nomenclature of the perovskite supergroup: A hierarchical system of classification based on crystal structure and composition. <i>Mineralogical Magazine</i> , 81(3), 411-461.
<a href="#">Pyrochlore</a>	2010	Atencio, D., Andrade, M.B., Christy, A.G., Gieré, R. and Kartashov, P.M., 2010. The pyrochlore supergroup of minerals: nomenclature. <i>The Canadian Mineralogist</i> , 48(3), 673-698.
<a href="#">Pyrochlore: clarification</a>	2012	Christy, A.G. and Atencio, D., 2013. Clarification of status of species in the pyrochlore supergroup. <i>Mineralogical Magazine</i> , 77(1), 13-20.
<a href="#">Spinel</a>	2019	Bosi, F., Biagioni, C. and Pasero, M., 2019. Nomenclature and classification of the spinel supergroup. <i>European Journal of Mineralogy</i> , 31(1), 183-192.

*phosphates-arsenates-sulfates-molybdates*

- [Alluaudite](#) 2019 Hatert, F., 2019. A new nomenclature scheme for the alluaudite supergroup. *European Journal of Mineralogy*, 31(4), 807-822.
- [Alunite](#) 2010 Bayliss, P., Kolitsch, U., Nickel, E.H. and Pring, A., 2010. Alunite supergroup: recommended nomenclature. *Mineralogical Magazine*, 74(5), 919-927.
- [Apatite](#) 2010 Pasero, M., Kampf, A.R., Ferraris, C., Pekov, I.V., Rakovan, J. and White, T.J., 2010. Nomenclature of the apatite supergroup minerals. *European Journal of Mineralogy*, 22(2), 163-179.
- [Arrojadite](#) 2006 Chopin, C., Oberti, R. and Cámara, F., 2006. The arrojadite enigma: II. Compositional space, new members, and nomenclature of the group. *American Mineralogist*, 91(8-9), 1260-1270.
- [Calcioferrite](#) 2019 Grey, I.E., Kampf, A.R., Smith, J.B., Williams, T. and MacRae, C.M., 2019. The calcioferrite group approved and kingsmountite redefined. *European Journal of Mineralogy*, 31(5-6), 1007-1014.
- [Graftonite](#) 2018 Hawthorne, F.C. and Pieczka, A., 2018. Classification of the minerals of the graftonite group. *Mineralogical Magazine*, 82(6), 1301-1306.
- [heteropolymolybdate](#) 2012 Kampf, A.R., Mills, S.J., Rumsey, M.S., Dini, M., Birch, W.D., Spratt, J., Pluth, J.J., Steele, I.M., Jenkins, R.A. and Pinch, W.W., 2012. The heteropolymolybdate family: structural relations, nomenclature scheme and new species. *Mineralogical Magazine*, 76(5), 1175-1207.
- [Jahnsite](#) 2019 Kampf, A.R., Alves, P., Kasatkin, A. and Škoda, R., 2019. Jahnsite-(MnMnZn), a new jahnsite-group mineral, and formal approval of the jahnsite group. *European Journal of Mineralogy*, 31(1), 167-172.
- [Laueite](#) 2015 Mills, S.J. and Grey, I.E., 2015. Nomenclature for the laueite supergroup. *Mineralogical Magazine*, 79(2), 243-246.
- [Lindackerite](#) 2014 Plášil, J., Sejkora, J., Škoda, R., Novák, M., Kasatkin, A.V., Škacha, P., Veselovský, F., Fejfarová, K. and Ondruš, P., 2014. Hloušekite,  $(\text{Ni, Co})\text{Cu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2(\text{H}_2\text{O})_9$ , a new member of the lindackerite supergroup from Jáchymov, Czech Republic. *Mineralogical Magazine*, 78(5), 1341-1353.
- [Rockbridgeite](#) 2019 Grey, I.E., Kampf, A.R., Keck, E., Cashion, J.D., MacRae, C.M., Gozukara, Y., Peterson, V.K. and Shanks, F.L., 2019. The rockbridgeite group approved and a new member, ferrorockbridgeite,  $(\text{Fe}^{2+}, \text{Mn}^{2+})_2(\text{Fe}^{3+})_3(\text{PO}_4)_3(\text{OH})_4(\text{H}_2\text{O})$ , described from the Hagendorf Süd pegmatite, Oberpfalz, Bavaria. *European Journal of Mineralogy*, 31(2), 389-397.
- [Schoonerite](#) 2019 Grey, I.E., Kampf, A.R., Keck, E., MacRae, C.M., Cashion, J.D. and Gozukara, Y., 2018. Crystal chemistry of schoonerite-group minerals. *European Journal of Mineralogy*, 30(3), 621-634.
- [Triplite-Triploidite](#) 2014 Chopin, C., Armbruster, T., Grew, E.S., Baronnet, A., Leyx, C. and Medenbach, O., 2014. The triplite–triploidite supergroup: structural modulation in wagnerite, discreditation of magniotriplite, and the new mineral hydroxylwagnerite. *European journal of mineralogy*, 26(4), 553-565.

- [Walentaite](#) 2020 Grey, I.E., Hochleitner, R., Rewitzer, C., Riboldi-Tunncliffe, A., Kampf, A.R., MacRae, C.M., Mumme, W.G., Kaliwoda, M., Friis, H. and Martin, C.U., 2020. The walentaite group and the description of a new member, alcantarillaite, from the Alcantarilla mine, Belalcázar, Córdoba, Andalusia, Spain. *Mineralogical Magazine*, 84(3), 412-419.
- silicates*
- [Amphibole](#) 2012 Hawthorne, F.C., Oberti, R., Harlow, G.E., Maresch, W.V., Martin, R.F., Schumacher, J.C. and Welch, M.D., 2012. Nomenclature of the amphibole supergroup. *American Mineralogist*, 97(11-12), 2031-2048.
- [Astrophyllite](#) 2017 Sokolova, E., Cámara, F., Hawthorne, F.C. and Ciriotti, M.E., 2017. The astrophyllite supergroup: nomenclature and classification. *Mineralogical Magazine*, 81(1), 143-153.
- [Axinite](#) 1968 Sanero, E. and Gottardi, G., 1968. Nomenclature and crystal-chemistry of axinites. *American Mineralogist: Journal of Earth and Planetary Materials*, 53(7-8), 1407-1411.
- [Cerite](#) 2020 Atencio, D. and de Almeida Azzi, A., 2020. Cerite: a new supergroup of minerals and cerite-(La) renamed ferricerite-(La). *Mineralogical Magazine*, 1-4.
- [clay minerals](#) 1980 Bailey, S.W., 1980. Summary of recommendations of AIPEA nomenclature committee on clay minerals. *American Mineralogist*, 65(1-2), 1-7.
- [clay minerals](#) 2006 Guggenheim, S., Adams, J.M., Bain, D.C., Bergaya, F., Brigatti, M.F., Drits, V.A., Formoso, M.L., Galán, E., Kogure, T. and Stanjek, H., 2006. Summary of recommendations of nomenclature committees relevant to clay mineralogy: report of the Association Internationale pour l'Etude des Argiles (AIPEA) Nomenclature Committee for 2006. *Clays and Clay minerals*, 54(6), 761-772.
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- [Epidote: clarification](#) 2016 Revheim, O. and King, V.T., 2016. Epidote supergroup nomenclature: The names hancockite, niigataite and tweddillite reinstated. *Mineralogical Magazine*, 80(5), 877-880.
- [Ericssonite](#) 2018 Sokolova, E., Hawthorne, F.C., Cámara, F. and Back, M.E., 2018. The Ericssonite Group of Fe<sup>3+</sup> Disilicate Minerals. *The Canadian Mineralogist*, 56(1), 95-99.
- [Eudialyte](#) 2003 Johnsen, O., Ferraris, G., Gault, R.A., Grice, J.D., Kampf, A.R. and Pekov, I.V., 2003. The nomenclature of eudialyte-group minerals. *The Canadian Mineralogist*, 41(3), 785-794.
- [Feldspar](#) 2020 Krivovichev, S.V., 2020. Feldspar polymorphs: diversity, complexity, stability. *Zapiski Rossiyskogo Mineralogicheskogo Obshchestva* 2020 (4), 16-66.
- [Gadolinite](#) 2017 Bačík, P., Miyawaki, R., Atencio, D., Cámara, F. and Fridrichová, J., 2017. Nomenclature of the gadolinite supergroup. *European Journal of Mineralogy*, 29(6), 1067-1082.

- [Garnet](#) 2013 Grew, E.S., Locock, A.J., Mills, S.J., Galuskina, I.O., Galuskin, E.V. and Hålenius, U., 2013. Nomenclature of the garnet supergroup. *American Mineralogist*, 98(4), 785-811.
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- [Hellandite](#) 2002 Oberti, R., Ventura, G.D., Ottolini, L., Hawthorne, F.C. and Bonazzi, P., 2002. Re-definition, nomenclature and crystal-chemistry of the hellandite group. *American Mineralogist*, 87(5-6), 745-752.
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- [Labuntsovite](#) 2002 Chukanov, N.V., Pekov, I.V. and Khomyakov, A.P., 2002. Recommended nomenclature for labuntsovite-group minerals. *European Journal of Mineralogy*, 14(1), 165-173.
- [Lovozerite](#) 2009 Pekov, I.V., Krivovichev, S.V., Zolotarev, A.A., Yakovenchuk, V.N., Armbruster, T. and Pakhomovsky, Y.A., 2009. Crystal chemistry and nomenclature of the lovozerite group. *European Journal of Mineralogy*, 21(5), 1061-1071.
- [Mica](#) 1998 Rieder, M., Cavazzini, G., D'yakonov, Y.S., Frank-Kamenetskii, V.A., Gottardi, G., Guggenheim, S., Koval, P.V., Muller, G., Neiva, A.M.R., Radoslovich, E.W. and Robert, J.L., 1998. Nomenclature of the Micas: IMA Mica subcommittee report. *Canadian Mineralogist*, 36, 905-912.
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- [Pyroxene](#) 1989 Morimoto, N., 1989. Nomenclature of pyroxenes. Subcommission of new minerals and mineral names. International mineralogical association. *Canadian Mineralogist*, 27, 143-156.
- [Rhodonite](#) 2019 Shchipalkina, N.V., Pekov, I.V., Chukanov, N.V., Biagioni, C. and Pasero, M., 2019. Crystal chemistry and nomenclature of rhodonite-group minerals. *Mineralogical Magazine*, 83(6), 829-835.
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- [Seidozerite](#) 2017 Sokolova, E. and Cámara, F., 2017. The seidozerite supergroup of TS-block minerals: nomenclature and classification, with change of the following names: rinkite to rinkite-(Ce), mosandrite to mosandrite-(Ce), hainite to hainite-(Y) and innelite-1T to innelite-1A. *Mineralogical Magazine*, 81(6), 1457-1484.
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[zeolite minerals](#)

1997 Alberti AL, Armbruster T, Artioli GI, Colella CA, Galli ER, Grice JD, Liebau FR, Minato HI, Nickel EH, Passaglia EL, Peacor DR. Recommended nomenclature for zeolite minerals: Report of the subcommittee on zeolites of the International Mineralogical Association, Commission on New Minerals and Mineral Names. *The Canadian Mineralogist*, 35, 1571-1606.

[organic minerals](#)

2010 Echigo, T. and Kimata, M., 2010. Crystal chemistry and genesis of organic minerals: a review of oxalate and polycyclic aromatic hydrocarbon minerals. *The Canadian Mineralogist*, 48(6), 1329-1357.