

B. Krüger: List of mineral species, where I was involved in their first description

No.	IMA Number	Name	CNMNC approved formula	Link
40	2025-034	hopmannite	$\text{Ba}_2(\text{Ti}_5\text{Fe})\text{O}_{13}$	<a href="https://doi.org/10.5194/ejm-37-695-2025">https://doi.org/10.5194/ejm-37-695-2025</a>
39	2024-058	rötemite	$\text{Ca}_4\text{Cr}_2(\text{OH})_{12}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$	<a href="https://doi.org/10.5194/ejm-36-1005-2024">https://doi.org/10.5194/ejm-36-1005-2024</a>
38	2024-080	ferroåkermanite	$\text{Ca}_2\text{FeSi}_2\text{O}_7$	<a href="https://doi:10.1180/mgm.2025.10120">https://doi:10.1180/mgm.2025.10120</a>
37	2024-016	steiningerite	$\text{Ba}_2\text{Zr}_2(\text{Si}_4\text{O}_{12})\text{O}_2$	<a href="https://doi.org/10.1180/mgm.2024.102">https://doi.org/10.1180/mgm.2024.102</a>
36	2023-102	karlleuite	$\text{Ca}_2\text{MnO}_4$	<a href="https://doi.org/10.1007/s00710-024-00869-y">https://doi.org/10.1007/s00710-024-00869-y</a>
35	2023-088	moragite	$\text{Ca}_3\text{TiSi}_2(\text{Al}_2\text{Si})\text{O}_{14}$	<a href="https://doi.org/10.5194/ejm-36-165-2024">https://doi.org/10.5194/ejm-36-165-2024</a>
34	2022-022	mazorite	$\text{Ba}_3(\text{PO}_4)_3$	<a href="https://doi.org/10.5194/ejm-34-385-2022">https://doi.org/10.5194/ejm-34-385-2022</a>
33	2020-091	shagamite	$\text{KFe}_{11}\text{O}_{17}$	<a href="https://doi.org/10.1180/mgm.2021.30">https://doi.org/10.1180/mgm.2021.30</a>
32	2020-073	devilliersite	$\text{Ca}_4\text{Ca}_2\text{Fe}^{3+}_{10}\text{O}_4[(\text{Fe}^{3+}_{10}\text{Si}_2)\text{O}_{36}]$	<a href="https://doi.org/10.5194/ejm-33-139-2021">https://doi.org/10.5194/ejm-33-139-2021</a>
31	2019-080	gorerite	$\text{CaAlFe}^{3+}\text{O}_{19}$	<a href="https://doi.org/10.1180/mgm.2021.43">https://doi.org/10.1180/mgm.2021.43</a>
30	2019-068	benneshierite	$\text{Ba}_2\text{Fe}^{2+}\text{Si}_2\text{O}_7$	<a href="https://doi.org/10.2138/am-2021-7747">https://doi.org/10.2138/am-2021-7747</a>
29	2019-007	gmalimite	$\text{K}_6\text{Fe}^{2+}_{24}\text{S}_{27}$	<a href="https://doi.org/10.1180/mgm.2021.43">https://doi.org/10.1180/mgm.2021.43</a>
28	2018-158	kahlenbergite	$\text{KAl}_{11}\text{O}_{17}$	<a href="https://doi.org/10.5194/ejm-33-341-2021">https://doi.org/10.5194/ejm-33-341-2021</a>
27	2018-150	siwaqaite	$\text{Ca}_6\text{Al}_2(\text{CrO}_4)_3(\text{OH})_{12} \cdot 24\text{H}_2\text{O}$	<a href="https://doi.org/10.2138/am-2020-7208">https://doi.org/10.2138/am-2020-7208</a>
26	2018-140	khurayyimitite	$\text{Ca}_7\text{Zn}_4(\text{Si}_2\text{O}_7)_2(\text{OH})_{10} \cdot 4\text{H}_2\text{O}$	<a href="https://doi.org/10.1007/s00710-022-00804-z">https://doi.org/10.1007/s00710-022-00804-z</a>
25	2018-078	aravaite	$\text{Ba}_2\text{Ca}_{18}(\text{SiO}_4)_6(\text{PO}_4)_3(\text{CO}_3)\text{F}_3\text{O}$	<a href="https://doi.org/10.1107/S2052520618012271">https://doi.org/10.1107/S2052520618012271</a>
24	2017-049	zoharite	$(\text{Ba},\text{K})_6(\text{Fe},\text{Cu},\text{Ni})_{25}\text{S}_{27}$	<a href="https://doi.org/10.1180/minmag.2017.081.072">https://doi.org/10.1180/minmag.2017.081.072</a>
23	2017-014	sharyginite	$\text{Ca}_3\text{TiFe}_2\text{O}_8$	<a href="https://doi.org/10.3390/min8070308">https://doi.org/10.3390/min8070308</a>
22	2017-010	levantite	$\text{KCa}_3\text{Al}_2(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{PO}_4)$	<a href="https://doi.org/10.1180/mgm.2019.37">https://doi.org/10.1180/mgm.2019.37</a>
21	2016-100	ariegilatite	$\text{BaCa}_{12}(\text{SiO}_4)_4(\text{PO}_4)_2\text{F}_2\text{O}$	<a href="https://doi.org/10.3390/min8030109">https://doi.org/10.3390/min8030109</a>

20	2016-098	stracherite	$\text{BaCa}_6(\text{SiO}_4)_2[(\text{PO}_4)(\text{CO}_3)]\text{F}$	<a href="https://doi.org/10.2138/am-2018-6493">https://doi.org/10.2138/am-2018-6493</a>
19	2014-033	khesinite	$\text{Ca}_4(\text{Mg}_2\text{Fe}^{3+}_{10})\text{O}_4(\text{Fe}^{3+}_{10}\text{Si}_2)\text{O}_{36}$	<a href="https://doi.org/10.1127/ejm/2017/0029-2589">https://doi.org/10.1127/ejm/2017/0029-2589</a>
18	2014-008	wernerkrauseite	$\text{CaFe}^{3+}_2\text{Mn}^{4+}\text{O}_6$	<a href="https://doi.org/10.1127/ejm/2016/0028-2509">https://doi.org/10.1127/ejm/2016/0028-2509</a>
17	2012-045	harmunite	$\text{CaFe}_2\text{O}_4$	<a href="https://doi.org/10.2138/am.2014.4563">https://doi.org/10.2138/am.2014.4563</a>
16	2011-113	hydroxyedgrewite	$\text{Ca}_9(\text{SiO}_4)_4(\text{OH})_2$	<a href="https://doi.org/10.2138/am.2012.4161">https://doi.org/10.2138/am.2012.4161</a>
15	2011-112	fluorchegemite	$\text{Ca}_7(\text{SiO}_4)_3\text{F}_2$	<a href="https://doi.org/10.3749/canmin.1400084">https://doi.org/10.3749/canmin.1400084</a>
14	2011-058	edgrewite	$\text{Ca}_9(\text{SiO}_4)_4\text{F}_2$	<a href="https://doi.org/10.2138/am.2012.4161">https://doi.org/10.2138/am.2012.4161</a>
13	2011-016	shulamitite	$\text{Ca}_3\text{TiFe}^{3+}\text{AlO}_8$	<a href="https://doi.org/10.1127/0935-1221/2013/0025-2259">https://doi.org/10.1127/0935-1221/2013/0025-2259</a>
12	2010-084	Mg-högbomite-2N4S	$(\text{Mg}_{8.2}\text{Fe}^{2+}_{1.3}\text{Zn}_{0.2})\text{Al}_{22.7}\text{Ti}^{4+}_{1.6}\text{O}_{46}(\text{OH})_2$	<a href="https://doi.org/10.2138/am.2012.3827">https://doi.org/10.2138/am.2012.3827</a>
11	2010-075	galuskinite	$\text{Ca}_7(\text{SiO}_4)_3(\text{CO}_3)$	<a href="https://doi.org/10.1180/minmag.2011.075.5.2631">https://doi.org/10.1180/minmag.2011.075.5.2631</a>
10	2010-072	rusinovite	$\text{Ca}_{10}(\text{Si}_2\text{O}_7)_3\text{Cl}_2$	<a href="https://doi.org/10.3390/min8090399">https://doi.org/10.3390/min8090399</a>
9	2010-063	pavlovskyite	$\text{Ca}_8(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})$	<a href="https://doi.org/10.2138/am.2012.3970">https://doi.org/10.2138/am.2012.3970</a>
8	2009-054	eringaite	$\text{Ca}_3\text{Sc}_2(\text{SiO}_4)_3$	<a href="https://doi.org/10.1180/minmag.2010.074.2.365">https://doi.org/10.1180/minmag.2010.074.2.365</a>
7	2009-053	bitikleite-(ZrFe)	$\text{Ca}_3\text{SbZrFe}^{3+}_3\text{O}_{12}$	<a href="https://doi.org/10.2138/am.2010.3458">https://doi.org/10.2138/am.2010.3458</a>
6	2009-052	bitikleite (SnAl)	$\text{Ca}_3(\text{SbSn})(\text{AlO}_4)_3$	<a href="https://doi.org/10.2138/am.2010.3458">https://doi.org/10.2138/am.2010.3458</a>
5	2009-051	elbrusite	$\text{Ca}_3(\text{U}^{6+}_{0.5}\text{Zr}_{1.5})(\text{Fe}^{3+}\text{O}_4)_3$	<a href="https://doi.org/10.2138/am.2010.3507">https://doi.org/10.2138/am.2010.3507</a>
4	2009-050	menzerite-(Y)	$(\text{CaY}_2)\text{Mg}_2(\text{SiO}_4)_3$	<a href="https://doi.org/10.3749/canmin.48.5.1171">https://doi.org/10.3749/canmin.48.5.1171</a>
3	2009-032	vorlanite	$\text{CaUO}_4$	<a href="https://doi.org/10.2138/am.2011.3610">https://doi.org/10.2138/am.2011.3610</a>
2	2008-045	kumtyubeite	$\text{Ca}_5(\text{SiO}_4)_2\text{F}_2$	<a href="https://doi.org/10.2138/am.2009.3256">https://doi.org/10.2138/am.2009.3256</a>
1	2008-038	chegemite	$\text{Ca}_7(\text{SiO}_4)_3(\text{OH})_2$	<a href="https://doi.org/10.1127/0935-1221/2009/0021-1962">https://doi.org/10.1127/0935-1221/2009/0021-1962</a>