

RADIOACTIVE MINERALS

(Species containing uranium or thorium)

A few naturally occurring radioisotopes include carbon-14 and potassium-40 which are in the air we breathe or the food we eat, however uranium and thorium are the only significant radioactive elements in minerals. Some species such as fergusonite and allanite commonly have thorium or uranium as impurities and are sometimes classed as radioactive.

Abernathyite	Davidite-(Ce)	Lehnerite
Aeschynite-(Ce)	Davidite-(La)	Lepersonnite-(Gd)
Aeschynite-(Y)	Demesmaekerite	Lermontovite
Agrinierite	Derriksite	Liandratite
Albrechtschraufite	Dewindtite	Liebigite
Althupite	Dumontite	
Andersonite		Magnesium-zippeite
Arsenuranospathite	Ekanite	Margaritasite
Arsenuranylite	Euxenite-(Y)	Marthozite
Ashanite	Eylettersite	Masuyite
Asselbornite		Mckelveyite-(Y)
Astrocyanite-(Ce)	Fourmarierite	Meta-ankoleite
Autunite	Francevillite	Meta-autunite
	Francoisite-(Nd)	Metacalcicouranoite
Bassetite	Fritzscheite	Metahaiweeite
Bauranoite	Furongite	Metaheinrichite
Bayleyite		Metakahlerite
Becquerelite	Grayite	Metakirchheimerite
Bergenite	Grimselite	Metalodevite
Betafite	Guilleminite	Metanovacekite
Bijovetite-(Y)		Metaschoepite
Billietite	Haiweeite	Metastudtite
Boltwoodite	Hallimondite	Metatorbernite
Brabantite	Heinrichite	Metatyuyamunite
Brannerite	Hugelite	Meta-uranocircite
Brockite	Huttonite	Meta-uranopilite
		Meta-uranospinite
Calciouranoite	Ianthinite	Metavandendriesscheite
Calcurmolite	Iraqite-(La)	Metananmeersscheite
Carnotite	Iriginite	Metavanuralite
Cerianite-(Ce)	Ishikawaite	Metazellerite
Cheralite		Moctezumite
Chernikovite	Johannite	Moluranite
Chevkinite	Joliotite	Monazite-(Ce)
Clarkeite		Moreauite
Cliffordite	Kahlerite	Mourite
Cobalt-zippeite	Kamitugaite	Mundite
Coconinoite	Kamotoite-(Y)	
Coffinite	Karnasutite-(Ce)	Nickel-zippeite
Compreignacite	Kasolite	Ningyoite
Cousinite	Kivuite	Nioboeschynite-(Ce)
Cuprosklodowskite	Kobeite-(Y)	Novacekite
Curienite		
Curite		

Orthobrannerite	Sklodowskite	Uranophane
Oursinite	Soddyite	Uranophane-beta
Paraschoepite	Sodium autunite	Uranopilite
Parsonsite	Sodium boltwoodite	Uranosilite
Perrierite	Sodium uranospinite	Uranospathite
Petschekite	Sodium-zippeite	Uranospinite
Phosphuranylite	Steacyite	Uranotungstite
Phuralumite	Steenstrupine-(Ce)	Uranpyrochlore
Phurcalcite	Strelkinite	Uvanite
Plumbobetafite	Studdite	Vandenbrandeite
Plumbomicrolite	Swamboite	Vandendriesscheite
Plumbopyrochlore	Swartzite	Vanmeerscheite
Polycrase-(Y)	Tengchongite	Vanuralite
Polymignite	Thorbastnaesite	Vanuranylite
Protasite	Thorianite	Vochtenite
Przhevalskite	Thorite	Voglite
Pseudo-autunite	Thornasite	Vyacheslavite
Rabbittite	Thorogummite	Walpurgite
Rameauite	Thorosteenstrupine	Weeksite
Ranunculite	Thorutite	Widenmannite
Rauvite	Threadgoldite	Wolsendorfite
Richetite	Torbernite	Wyartite
Roubaltite	Triangulite	Xiangjianite
Rutherfordine	Tristramite	Yttrialite-(Y)
Sabugalite	Tritomote-(Ce)	Yttrobetafite-(Y)
Saleeite	Trogerite	Yttrocolumbite-(Y)
Samarskite-(Y)	Tyuyamunite	Yttrocrasite-(Y)
Saryarkite-(Y)	Ulrichite	Yttropyrochlore-(Y)
Sayrite	Umbozerite	Yttrotantalite-(Y)
Schmitterite	Umohoite	Zellerite
Schoepite	Upalite	Zeunerite
Schrockingerite	Uramphite	Zinc-zippeite
Sedovite	Urancalcarite	Zippeite
Sengierite	Uraninite	Zirkelite
Shabaite-(Nd)	Uranmicrolite	
Sharpite	Uranocircite	

Several radioactive minerals were named for the famous Curie family. Sklodowskite and cuprosklodowskite were named for Madame Marie Sklodowska Curie, who discovered radium with her husband Pierre, for whom curite was named. Joliotite honored their daughter Irene and her husband Jean-Frederic Joliot who first discovered the principle of artificially-produced radioisotopes. Other radioactive minerals are generally named for localities, mine operators, geologists, chemical makeup, etc.