



FRIENDS OF MINERALOGY

Pennsylvania Chapter

NEWSLETTER

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Fall 2007

THE PENNSYLVANIA MINERAL SPECIES LIST, 2007

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Introduction

Since the last Pa. mineral list was published in the Fall, 1990, F.M., Pa. Chapter Newsletter and requests have been coming in from collectors, it seemed about time to compile an up-to-date list using the 1990 list and previous ones, as well as information from the Newsletter and other sources.

Acknowledgments

Chapter members Larry Eisenberger and Juliet Reed were consulted as to format and content, and proofread several drafts of the list. Final decisions were mine.

References

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President's Message

Fall 2007



Hello everyone,

It is hard to believe that October is here and we have come up on the symposium once again. A newsletter will be coming out soon, but we wanted to get this information out to you beforehand.

Fred Stahl has put together another lineup of good speakers to once again keep us informed and Arnold Mogel has been able to get us entrance into a truly classic PA locality for our field trip. Tom Tucker, a collector who splits his time between Silver Gate, Montana and Washington, Virginia is going to be giving two talks to the organization. He is going to give us a talk on one eastern U. S. locality and one western U. S. locality. Our new Recording Secretary, Jim Stauffer, is going to give a talk on collecting in the Bancroft, Ontario region. And rounding out the speakers this year will be our own chapter VP, Arnold Mogel, with a talk on a classic Colorado locality. In lieu of an afternoon voice auction, the chapter will be holding two silent auctions during the day – one in the morning and the second in the afternoon. (Please look for any specimen mineralogy book, or piece of mining memorabilia that you wish to contribute to the auctions and bring them with you to the symposium.) There will also be a table for give-a-ways and there will be room for members to sell a couple flats of material – with a percentage of the sales going to FM PA.

The Board of Directors is looking at ways to get more interest in the organization and the symposium and wants feedback from the membership. One idea for 2008 is an all field trip symposium for the same weekend in November (11/1/2008-11/2/2008) where we will go to multiple quarries over a two-day period.

As I said earlier, a current newsletter is forthcoming. In it will be the 2007 updated list of Minerals Found in Pennsylvania. This list has been compiled by members Martin Anne, Joseph Dague, and Larry Eisenberger and builds upon the mineral lists that were done in publications by Sam Gordon, Art Montgomery, Bob Smith and Juliet Reed.

I hope to see you at the symposium next month. In the meantime, talk it up at other local clubs and gatherings and see if you can bring someone unfamiliar with Friends of Mineralogy to the event. They just might be surprised with what they see and hear.

Regards,
Doug Rambo
President, F.M. PA Chapter, Inc.
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THE PENNSYLVANIA MINERAL SPECIES LIST, 2007

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Format

Mineral species and common or group names recognized in 1990 and before are written in plain type. Species with umlauts are spelled phonetically, as pronounced.

Mineral species in **Bold Type** are new since 1990 and have been identified by laboratory methods, including the Scanning Electron Microscope (SEM) and X-ray Diffraction (XRD).

Mineral species written in **Underlined Bold Type** are new since 1990 and have been identified by observations of color, cleavage or fracture, etc., under a hand lens or stereo microscope, and any other distinctive properties.

A world type locality is indicated by (TL) after the mineral name.

Burning coal mine minerals are listed separately. Varying opinions as to whether these elements and compounds formed from coal and trash are minerals are expressed in Reed(1976), Lapham, et al. (1980), and Smith (1978).

Acanthite	Azurite	Chabazite
Actinolite	Babingtonite	Chalcanthite
Albite	Barite	Chalcocite
Allanite-(Ce)	Bastnasite (Ce)	Chalconatronite
Alloclasite	Beraunite	Chalcophyllite
Allophane	Bertrandite	Chalcophanite
Almandine	Beryl	Chalcopyrite
Alunite	Bianchite	Chamosite
Alunogen	Billetite	Chevkinite (Ce)
Analcime	Biotite	Chlorargyrite
Anatase	Bismuth	Chloritoid
Andalusite	Bismuthinite	Chondrodite
Andersonite	Bismutite	Chromite
Andesine	Boehmite	Chromdravite
Andradite	Boltwoodite	Chrysocolla
Anglesite	Bornite	Clausthalite
Anhydrite	Brannerite	Clinochlore (TL)
Ankerite	Brochantite	Clinochrysoile
Anorthite	Brookite	Clinohumite
Antigorite	Brucite	Clinozoisite
Anthophyllite	Cacoxenite	Coalingite
Antlerite	Calcite	Cobaltite
Aragonite	Calcio-ancylite-(Ce)	Coffinite
Arsenopyrite	Cancrinite	Conichalcite
Artinite	Carbonate-fluorapatite	Copiatite
Atacamite	Carnotite	Copper
Augite	Celestine (TL)	Coquimbite
Aurichalcite	Cerianite	Cordierite
Autunite	Cerussite	Corkite

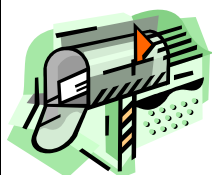
Cornubite	Glaucosite	Lepidocrocite
Corrensite	Glauchochroite	Libethinite
Corundum	Glaucodot	Liebigite
Covellite	Glaucophane	Linarite
Crandallite	Goethite	Lizardite
Crednerite	Gold	Loellingite
Cryptomelane	Goslarite	Mackinawite
Cuprite	Graphite	Magnesiocromite
Cuprosklowdowskite	Greenockite	Magnesoriebeckite
Cyanotrichite	Grossular	Magnesite
Datolite	Grunerite	Magnetite
Desautelsite (TL)	Gypsum	Magnesiohornblende
Descloizite	Halite	Malachite
Diaspore	Halloysite	Manganite
Dickite	Halotrichite	Manganaxinite
Digenite	Harmotome	Manjiroite
Diopside	Heazlewoodite	Marcasite
Dioptase	Hedenbergite	Margarite
Djurleite	Hematite	Marialite
Dolomite	Hemimorphite	Massicot
Dozyite	Hercynite	Matulaite (TL)
Dravite	Heulandite	Maucherite
Dumortierite	Hexahydrite	Mcguinnessite
Eastonite (TL)	Hidalgoite	Mendipite
Enargite	Hinsdalite	Mesolite
Enstatite	Hisingerite	Meionite
Epidote	Huntite	Melanterite
Epsomite	Hyalophane	Meta-autunite
Erythrite	Hydrobiotite	Metanovacekite
Euxenite-Y	Hydromagnesite	Metatorbernite
Fayalite	Hydroxylapatite	Metatyuyamunite
Ferrihydrite	Hydrozincite	Meta-uranocircite
Ferrimolybdate	Ice	Metavariscite
Ferrohornblende	Idaite	Metazeunerite
Ferro-axinite	Ilmenite	Microcline
Ferrocolumbite	Ilvaite	Microlite
Florencite	Jarosite	Millerite
Fluorapatite	Jordanite	Mimetite
Fluorapophyllite	Kaolinite	Minium
Fluorite	Kasolite	Molybdenite
Forsterite	Keiserite	Molybdate
Fourmarierite	Kyanite	Monazite
Francevillite	Langite	Monmorillonite
Gahnite	Lansfordite (TL)	Morenosite
Galena	Lanthanite-(Nd)	Mottramite
Gersdorffite	Laumontite	Muscovite
Gibbsite	Lazulite	Nakauriite
Gismondine	Leadhillite	Natrolite

Nepheline	Retgersite	Thaumasite
Nepouite	Riebeckite	Thomsonite
Nesquehonite (TL)	Rockbridgeite	Thorianite
Nontronite	Roscoelite	Thorite
Novacekite	Rozenite	Thorogummitite
Nsutite	Rutile	Titanite
Olivenite	Safflorite	Tochilinite
Opal	Samarskite-(Y)	Todorokite
Orthoclase	Sauconite	Torbernite
Palygorskite	Scheelite	Tosudite
Paragonite	Schorl	Tremolite
Pargasite	Schroekingite	Tschermakite
Pecoraite	Scolecite	Turquoise
Pectolite	Scorodite	Tyrolite
Pentlandite	Sepiolite	Tyuyamunite
Perovskite	Serpierite	Ulvospinel
Phillipsite	Siderite	Uraninite
Phlogopite	Siderotil	Uranophane
Phosgenite	Siegenite	Uranophane-beta
Phosphuranylite	Sillimanite	Uranospinite
Piemontite	Silver	Uvarovite
Pigeonite	Sjogrenite	Vanadinite
Pickeringite	Sklodowskite	Vandendriesscheite
Planerite	Skutterudite	Variscite
Platinum	Smithsonite	Vauquelinite
Plumbojarosite	Spessartine	Vermiculite
Pokrovskite	Sphalerite	Vesuvianite
Polydymite	Spinel	Violarite
Posnjakite	Starkeyite	Vivianite
Powellite	Staurolite	Wavellite
Prehnite	Stellerite	Weeksite
Pseudomalachite	Stevensite	Wheatleyite (TL)
Pumpellyite	Stilbite	Widenmannite
Pyrite	Stilpnomelane	Wollastonite
Pyroaurite	Stolzite	Wolsendorfite
Pyrolusite	Strengite	Woodhouseite
Pyromorphite	Strontianite	Wulfenite
Pyrope	Sudoite	Wurtzite
Pyrophyllite	Sulfur	Xenotime
Pyrrhotite	Susanite	Zaratite
Quartz	Talc	Zeunerite
Ramsbeckite	Tennantite	Zircon
Rectorite	Tenonite	Zoisite
Reevesite	Tetrahedite	

BURNING COAL MINE MINERAL SPECIES LIST

(Lapham, et al., 1980)

Akermanite	Herzenbergite	Potassium Alum
Arsenolite	Hexahydrite	Realgar
Bararite	Laphamite (TL)	Sal Ammoniac
Berndtite	Letovicite	Selenium
Boussingaultite	Mascagnite	Syngenite
Cassiterite	Mullite	Thenardite
Cryptohalite	Orpiment	Tschermigite
Downeyite (TL)	Pickeringite	Voltaite
Gehlenite	Picromerite	



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