

FIRST ANNUAL MINERALOGY EXHIBIT OF THE FRANKLIN  
KIWANIS CLUB - October 26th & 27th, 1957

This exhibit makes available for public view for the first time many of the principal private collections of the unique minerals of the Franklin-Sterling Area. These unusual ore bodies, comprising more minerals than are found anywhere else on earth, have intrigued mineralogists and collectors ever since their discovery. Dutch mining experts first explored the area in 1640. The ore bodies, whose principal metals are zinc, manganese and iron, continued to puzzle experts for the next two centuries.

Mining operations were first successfully developed by The New Jersey Zinc Company, which succeeded in building a great industry from its beginnings at Franklin. The deposits at Franklin are now exhausted and its specimens have become collectors items. The 178 minerals found at Franklin-Sterling and the 29 minerals which have never been found elsewhere are listed below.

MINERALS OF THE FRANKLIN-STERLING AREA

Agurite	Calcium, Lar-	Halloysite	Nasonite
Albite	senite	Hancockite	Neotocite
Allactite	Celestite	Hardystonite	Niccolite
Allanite	Cerusite	Hedyphane	Norbergite
Amphibole	Chalcocite	Hematite	Oligocase
Actinolite	Chalcophanite	Hetacrolite	Pararammels-
Crocidolite	Chalcopyrite	Heulandite	bergite
Cumingtonite	Chleanthite	Hodgkinsonite	Pectolite
Edenite	Chlorite	Holdenite	Phlogopite
Hastingsite	Chlorophoenicite	Hortonolite	Prehnite
Hornblende	Magnesium Chl.	Hyalophane	Psilomelane
Pargasite	Chondrocite	Hydrohans-	Pyrite
Tremolite	Clinohedrite	mannite	Phrochroite
Anglesite	Copper	Hydrohetaer-	Pyrolusite
Anhydrite	Corundum	olite	Pyroxene
Anorthite	Cuprite	Hydrozincite	Diopside
Anorthoclase	Cuspidine	Ilemite	Jeffersonite
Anthophyllite	Datolite	Kentrolite	Schefferite
Apatite	Desaulesite	Kutnahorite	Pyrrhotite
Apophyllite	Descloizite	Larsenite	Quartz
Aragonite	Dolomite	Lead	Rammelsber-
Arsenic	Epidote	Leucophoenicite	gite
Arseniosiderite	Fluoborite	Limonite	Realgar
Arsenopyrite	Fluorite	Lollingite	Rhodochrosite
Aurichalcite	Franklinite	Loseyite	Rhodonite
Axinite, Man-	Friedelite	Magnetite	Fowlerite
ganoaxinite	Gageite	Malachite	Roebelingite
Axinite, Ferro-	Gahnite	Manganite	Roepperite
axinite	Galena	Manganosite	Roweite
Barite	Ganophyllite	Manganpyros-	Rutile
Barylite	Garnet	malite	Sarkinite
Barysilite	Almandite	Marcasite	Scapolite
Bementite	Andradite	Margarosanite	Schallerite
Biotite, Man-	Grossularite	Mariposite	Serpentine
ganophyllite	Gersdorffite	McGovernite	Siderite
Bornite	Glaucochroite	Microcline	Silver
Brucite	Goethite	Millerite	Skutterudite
Bustamite	Gold	Molybdenite	Smithsonite
Cahnite	Graphite	Mooreite	Sphalerite
Calamine	Greenockite	Muscovite	Cleiothane
Calcite	Gypsum	Oellacherite	Spinel

Stilbite	Thomsonite,	Vesuvianite	Xonotlite
Sussexite	Calcio	Beryllium	Yeatmanite
Svabite	Titanite	Cypyrine	Zincite
Talc	Torreyite	Willemite	Zircon
Tennantite	Tourmaline	Wollastonite	Zoisite
Tephroite	Dravite	Woodruffite	
	Schorl		

MINERALS FOUND NOWHERE EXCEPT AT FRANKLIN OR STERLING

Cahnite	F	Holdenite	F
Calcium-larsenite	F	Jeffersonite	F, S
Chalcophanite	S	Larsenite	F
Chlorophoenicite	F	Leucophoenicite	F
Clinohedrite	F	Loseyite	F
Desaulesite	F	Magnesium-Chlorophoenicite	F, S
Ferroschallerite	F	McGovernite	S
Franklinite	F, S	Mooreite	S
Gageite	F	Roeblingite	F
Glaucochroite	F	Roepperite	S
Hancockite	F	Roweite	F
Hardystonite	F	Schallerite	F
Hetaerolite	F	Sussexite	F
Hodgkinsonite	F	Torreyite	S
		Zincite	F, S

FLUORESCENT FRANKLIN-STERLING MINERALS

<u>Mineral</u>	<u>Color of Fluorescence</u>
Anorthite	Blue
Aragonite	Cream
Axinite	Red
Barite	Blue
Barylite	Blue
Calcite	Red
Calcium-larsenite	Yellow
Clinohedrite	Orange
Corundum	Red
Diopside	Blue
Fluorite	Green
Hardystonite	Purple
Hydrozincite	Blue
Margarosanite	Blue
Nasonite	Blue
Norbergite	Cream
Pectolite	Orange
Rhodonite-Bustamite	Red
Scapolite	Blue
Smithsonite	Yellow
Sphalerite	Red, Blue
Svabite	Red
Tremolite	Blue
Willemite	Green, Yellow
Wollastonite	Orange