

INDEX TO VOLUME 8

	Number-page
ARTICLES	
Adding Video to the Russian MbC-10 Microscope	6-18
Another Failed Stabilization Technique for Laumontite	6- 3
Cavansite from the Jaquish Road Cut, Columbia Co., Oregon	1-14
Chalcocite – an Odd Zeolite Associate	9-18
Complex Mineralogy in Miarolitic Cavities at Lennox Creek, N. Fk. Snoqualmie R., North Bend, King Co., Wash.	5-11
Computers and Cataloguing	6-20
Copper, Zeolites, and Associated Minerals from the Beaver Valley Quarry, Shine, Jefferson Co., Wash.	9- 5
Erionite and Associated Minerals from Oceanside, Tillamook Co.	2-26
Erionite from Wolf Point, Cowlitz Co., Wash.	2-22
Extraordinary Natrolite-lined Pockets at the Weyerhaeuser Lincoln Creek Quarry, Doty Hills, Lewis Co., Wash.	7-10
First Occurrence of Apophyllite and Mesolite at the 200/237 Road Quarry, Wolf Point, Cowlitz Co., Wash.	5-17
Flowers Gulch Summit, Ritter, Grant Co., Oregon	1-17
Harper Mountain, Spray, Wheeler Co., Oregon	3- 6
Limitations of Identifying Zeolites – Why No One Will Tell You Exactly Which is Which	5-18
Lower Kahler Creek, Spray, Wheeler Co., Oregon	2-17
Mill Creek Quarry, Buell, Polk Co., Oregon	2-30
Minerals from the Gopher Valley Quarry, Yamhill Co., Oregon	6- 8
Minerals of the Autunite--Meta-Autunite Groups	2-13
Minerals of the Canwood Construction Site, Agoura Hills, Calif.	5- 2
Minerals of the Road Cutting, Don Hill, Tasmania	2-14
Minerals of the Spider Mine, Honeycomb Hills, Jaub Co., Utah	1-12
Minerals of the Utahlite Claim, Lucin, Box Elder Co., Utah	2- 4
Mont Saint-Hilaire Mineral Species List (3/7/98)	8- 6
Montgomeryite	10-11
More Tungusite Localities in Southern California	7-18
New Crystal Drawing Program Available	8-17
New Discovery of Yugawaralite from the Chena River, Fairbanks, Alaska	10-2
New Minerals (at Last) from Mill Creek Q., Buell, Polk Co., Ore.	6-16
New Nomenclature for Zeolites Approved by IMA	7- 2
Pyrite from the Gopher Valley Q., Sheridan, Yamhill Co., Oregon	6- 4
Rock Creek, Stevenson, Skamania Co., Wash.	8- 3
Shellrock Mountain, Oregon Site	10-8
Sti,ptomelane in Skagit Co. Washington	3- 2
The Occurrence of Tungusite in the Santa Monica Mtns., Calif.	4- 2
Update on the Ritter Quarry, Grant Co., Oregon	1-20
Valley Landfill Pit, Coffin Butte, Benton Co., Oregon	2-20
Wairakite from the 200/237 Road Q., Wolf Pt., Cowlitz Co., Wash.	6-14

In Memorium (continued)

Vi Frazer	4- 5	
Gordon Gilbertson	6- 2	
Beulah Murphy	8- 2	
Helen Rice	5-22	
Viola Sobolik	4- 5	
Sid Sparkes	4- 5	
Norman Steele, Jr.	5-22	
Evelyn Sweany	9- 3	
LOCATIONS		
Oregon		
Bear Creek Quarry, Drain, Douglas Co.,	3-11	
Flowers Gulch Summit, Ritter, Grant Co.	1-17	
Gopher Valley Q., Sheridan, Yamhill Co.,	6- 4,8	
Jaquish Road, Columbia Co.	1-14	
Harper Mountain, Spray, Wheeler Co.,	3- 6	
Lower Kahler Creek, Spray, Wheeler Co.	2-17	
Mill Creek Quarry, Buell, Polk Co.,	2-30; 6-16	
Oceanside, Tillamook Co.	2-26	
Ritter Quarry, Grant Co.	1-20	
Shellrock Mountain, Hood River Co.	10-8	
Valley Landfill Pit, Coffin Butte, Benton Co.	2-20	
White King Mine, Lakeview, Lake Co.	2-11	
Washington		
Beaver Falls Q., Sappho, Clallam Co.	8-13	
Beaver Valley Quarry, Shine, Jefferson Co.	9. 5	
Blanchard Hill, Skagit Co.	3- 2	
Clarkston, Whitman Co.	1- 4	
Kalama, Cowlitz Co.	3-15	
Lacamas Creek, Orchards, Clark Co.	8-10	
Lennox Creek, North Bend, King Co.	5-11	
Rock Creek, Stevenson, Skamania Co.	8- 3	
Weyerhauser Lincoln Creek Q., Doty Hills, Lewis Co.	7-10	
200/237 Road Q., Wolf Point, Cowlitz Co.	5-17; 6-14	
Other United States		
Alaska	Chena River, Fairbanks, Alaska	10-2
California	Canwood Mall, Agoura Hills	5- 2
Nevada	Getchell Mine, Humboldt Co.	7-17
	Red House Barite Mine, Humboldt Co.	10-11
Utah	Spider Mine, Juab Co	1-12
	Utahlite Claim, Lucin, Box Elder Co.	2- 4, 10-11
Foreign		
Australia	Don Hill, Tasmania	2-14
Austria	Stadner Kogel Q., Feldbach	1- 3
Canada	Yellow Lake, British Columbia	4- 6
Czech Republic	(various zeolite locations)	10-14

MINERALS

Adularia	Lennox Creek	5-14	
Albite	Canwood Mall, Agoura Hills	5- 4	
Aliettite	Mill Creek Q.	6-17	
Analcime	Bear Creek Q.	3-13	
	Beaver Valley Q., Shine	9-12	
	Canwood Mall, Agoura Hills	5- 4	
	Gopher Valley Q.,	6- 5,13	
	Lower Kahler Creek	2-19	
	Harper Mountain	3- 8	
	Kalama	3-18	
	Weyerhauser Lincoln Creek Q.	7-14	
	Yellow Lake	4-10	
	Utahlite Claim	2- 5	
	Apatite	Canwood Mall, Agoura Hills	5- 4
		Coffin Butte	2-21
		Harper Mountain	3- 9
		Kalama	3-18
		Lacamas Creek, Orchards	8-12
Lennox Creek		5-15	
Wolf Point Q.		2-17	
Weyerhauser Lincoln Creek Q.		7-14	
Yellow Lake		4-13	
Aragonite		Canwood Mall, Agoura Hills	5- 4
		Don Hill, Tasmania	2-16
		Kalama	3-18
		Beaver Falls Q., Sappho	8-15
Bitumen		Beaver Falls Q., Sappho	8-15
Boltwoodite		Spider Mine	1-13
Bornite	Beaver Valley Q., Shine	9-14	
Brewsterite	Yellow Lake	4-13	
Calcite	Bear Creek Q.	3-14	
	Beaver Falls Q., Sappho	8-15	
	Beaver Valley Q., Shine	9-10	
	Canwood Mall, Agoura Hills	5- 4	
	Coffin Butte	2-20,21	
	Don Hill, Tasmania	2-16	
	Flowers Gulch Summit	1-18	
	Gopher Valley Q.	6- 5,12	
	Harper Mountain	3- 8	
	Kalama	3-18	
	Lacamas Creek, Orchards	8-12	
	Lennox Creek	5-14	
	Lower Kahler Creek	2-19	
	Mill Creek Q.	2-31	
	Ritter Q.	1-20	
	Rock Creek	8- 5	

Minerals Calcite (continued)

	Shellrock Mountain, Oregon	10-9
	Weyerhauser Lincoln Creek Q.	7-14
	Yellow Lake	4-16
Carbonate Fluorapatite		
	Red House Barite M., Nevada	10-11
	Utahlite Claim, Utah	2- 8
Cavansite	Jaquish Road	1-14
Celadonite	Canwood Mall, Agoura Hills	5- 5
	Kalama	3-17
	Goble area	7- 9
	New Zealand	7- 7
Chabazite	Bear Creek Q.	3-13
	Beaver Valley Q., Shine	9-14
	Canwood Mall, Agoura Hills	5- 5
	Clarkston	1- 8
	Don Hill, Tasmania	2-15
	Flowers Gulch Summit	1-19
	Getchell Mine, Nevada	7-17
	Harper Mountain	3- 9
	Kalama	3-18
	Lacamas Creek, Orchards	8-12
	Lennox Creek	5-15
	Lower Kahler Creek	2-19
	Mill Creek Q.	6-17
	Oceanside	2-28
	Ritter Q.	1-21
	Shellrock Mountain, Oregon	10-9
	Yellow Lake	4-15
Chalcedony	Clarkston	1- 7
	Don Hill, Tasmania	2-17
	Kalama	3-18
	Oceanside	2-28
	Shellrock Mountain, Oregon	10-9
Chalcocite	Beaver Valley Q., Shine	9-12
Chalcopyrite	Beaver Valley Q., Shine	9-14
Clinochlore	Beaver Valley Q., Shine	9- 7
	Lennox Creek	5-13,14
	Mill Creek Q.	2-31
Clinoptilolite	Canwood Mall, Agoura Hills	5- 5
Copper	Beaver Valley Q., Shine	9- 8
	Lacamas Creek, Orchards	8-11
	Kalama	3-17
Cowlesite	Ritter Q.	1-21
	Harper Mountain	3- 8
Crandallite	Utahlite Claim	2- 5

Minerals (continued)

Dachiardite	Canwood Mall, Agoura Hills	5- 5
Datolite	Beaver Falls Q., Sappho	8-16
	Lacamas Creek, Orchards	8-11
Diopside	Shellrock Mountain, Oregon	10-9
Epistilbite	Kalama	3-17
Erionite	Clarkston	1- 6
	Oceanside	2-28
	Wolf Point Q.	2-25
Feldspar	Lennox Creek	5-13
Ferrierite	Canwood Mall, Agoura Hills	5- 6
Fluorite	Yellow Lake	4-15
Galkhaite	Getchell Mine, Nevada	7-17
Garronite	Harper Mountain	3- 8
Goethite	Canwood Mall, Agoura Hills	5- 7
	Spider Mine	1-13
	Yellow Lake	4-15
Gonnardite	Beaver Valley Q., Shine	9-11
	Ritter Q.	1-21
	Don Hill, Tasmania	2-15
Gypsum	Canwood Mall, Agoura Hills	5- 7
Gyrolite	Oceanside	2-28
	Harper Mountain	3- 9
Hematite	Canwood Mall, Agoura Hills	5- 7
Heulandite	Beaver Valley Q., Shine	9-10
	Clarkston	1- 7,10,11
	Coffin Butte	2-20
	Kalama	3-17
	Lacamas Creek, Orchards	8-10
	Lennox Creek	5-15
	Oceanside	2-28
	Rock Creek	8- 4,5
	Shellrock Mountain, Oregon	10-9
	Yellow Lake	4-13
Hydrotalcite	Stadner Kogel Q., Feldbach, Austria	1- 3
Ilmenite	Lennox Creek	5-14
Jarosite	Utahlite Claim	2- 5
Laumontite	Bear Creek Q.	3-13
	Beaver Falls Q., Sappho	8-15
	Kalama	3-18
	Lacamas Creek, Orchards	8-11
	Lennox Creek	5-15
	Mill Creek Q.	6-17
	Yellow Lake	4-16
Levyne	Bear Creek Q.	3-13
	Beaver Valley Q., Shine	9-11

Minerals -- Levyne (continued)

	Flowers Gulch Summit	1-18
	Harper Mountain	3- 8
	Lacamas Creek, Orchards	8-12
Malachite	Lennox Creek	5-14
Mesolite	Bear Creek Q.	3-13
	Beaver Valley Q., Shine	9-12
	Harper Mountain	3- 9
	Kalama	3-18
	Wolf Point Q.	2-17
	Yellow Lake	4-12
meta-Autunite	Spider Mine	1-13
meta-Heinrichite	White King Mine	2-12
Metavariscite	Utahlite Claim	2- 5
Minyulite	Utahlite Claim, Utah	2- 8
Montgomeryite	Red House Barite M., Nevada	10-11
Mordenite	Beaver Valley Q., Shine	9-10
	Canwood Mall, Agoura Hills	5- 7
	Oceanside	2-28
	Kalama	3-17
	Rock Creek	8- 4
Motukoreaite	Stadner Kogel Q., Feldbach, Austria	1- 3
Natrolite	Beaver Valley Q., Shine	9-12
	Don Hill, Tasmania	2-15
	Gopher Valley Q.	6- 5, 13
	Lower Kahler Creek	2-19
	Weyerhauser Lincoln Creek Q.	7-14
	Yellow Lake	4-12
Offretite	Canwood Mall, Agoura Hills	5- 7
Opal	Clarkston	1- 7
	Don Hill, Tasmania	2-16
Phillipsite	Canwood Mall, Agoura Hills	5- 8
	Clarkston	1- 7
	Don Hill, Tasmania	2-16
	Flowers Gulch Summit	1-19
	Harper Mountain	3- 8
	Kalama	3-18
	Lower Kahler Creek	2-19
	Oceanside	2-28
	Ritter Q.	1-20
	Yellow Lake	4-10
Prehnite	Beaver Falls Q., Sappho	8-15
Pumpellyite	Beaver Falls Q., Sappho	8-16
Pyrite	Bear Creek Q.	3-13
	Beaver Falls Q., Sappho	8-16
	Canwood Mall, Agoura Hills	5- 8

Minerals - Pyrite (continued)

	Clarkston	1- 8
	Coffin Butte	2-20
	Don Hill, Tasmania	2-17
	Gopher Valley Q.	6- 4,13
	Lennox Creek	5-13
	Mill Creek Q.	6-17
	Oceanside	2-28
	Shellrock Mountain, Oregon	10-9
Quartz	Beaver Falls Q., Sappho	8-16
	Beaver Valley Q., Shine	9- 9
	Chena River, Fairbanks, Alaska	10-2
	Canwood Mall, Agoura Hills	5- 9
	Lennox Creek	5-13
	Mill Creek Q.	2-31
	Rock Creek	8- 5
	Shellrock Mountain, Oregon	10-9
	Utahlite Claim, Utah	2- 8
Rutile	Lennox Creek	5-14
Saponite (Smectite)	Canwood Mall, Agoura Hills	5- 9
	Mill Creek Q.	6-16
	Rock Creek	8- 4
Scolecite	Lacamas Creek, Orchards	8-11
	Lennox Creek	5-15
	Yellow Lake	4-12
Siderite	Canwood Mall, Agoura Hills	5- 9
	Don Hill, Tasmania	2-17
Sphalerite	Canwood Mall, Agoura Hills	5- 9
Stibnite	Getchell Mine, Nevada	7-17
Stilbite	Beaver Valley Q., Shine	9-11
	Coffin Butte	2-21
	Getchell Mine, Nevada	7-17
	Kalama	3-17
	Lacamas Creek, Orchards	8-11
	Lennox Creek	5-15
	Mill Creek Q.	2-31
	Shellrock Mountain, Oregon	10-9
	Yellow Lake	4-15
Stilpnomelane	Blanchard Hill, Wash.	3- 2
Tacharanite	Harper Mountain	3- 9
Thomsenolite	Spider Mine	1-12
Thomsonite	Bear Creek Q.	3-13
	Beaver Valley Q., Shine	9-12
	Don Hill, Tasmania	2-16
	Flowers Gulch Summit	1-19
	Harper Mountain	3- 9

Minerals Thomsonite (continued)

	Kalama	3-18
	Lacamas Creek, Orchards	8-12
	Lower Kahler Creek	2-19
	Ritter Q.	1-20
	Weyerhauser Lincoln Creek Q.	7-14
	Yellow Lake	4-10
Todorokite	Flowers Gulch Summit	1-10
Tourmaline	Lennox Creek	5-14
Tridymite	Spider Mine	1-12
Tungusite	Santa Monica Mtns., L.A. Co., Calif.	4- 2; 7-18
	Newbury Park, Ventura Co., Calif.	7-18
Variscite	Utahlite Claim, Utah	2- 8
Wairakite	Wolf Point Q.	6-14
Wakefieldite-(Ce)	Yellow Lake	4-15
Yugawaralite	Chena River, Fairbanks, Alaska	10-2
	Wolf Point Q.,	2-23
	Yellow Lake	4-13

PHOTOGRAPHS

Aliattite on Saponite on Stilbite, Mill Creek Q.	COLOR#29	6-23
Analcime, Natrolite and Calcite, Gopher Valley	COLOR#24	6-23
	COLOR#25	6-23
Analcime on Epistilbite, Wolf Point Q.	SEM#692	6-23
Apophyllite on Natrolite, W-H Lincoln Cr. Q.	COLOR#34	7-20
Apophyllite on Phillipsite, Harper Mtn.	SEM#231	3-20
	SEM#233	3-20
Apophyllite on Thomsonite, Harper Mtn.	COLOR#15	3-20
Boltwoodite on Thomsenolite, Spider Mine	SEM#392	1-22
Calcite, Gopher Valley Q.	COLOR#26	6-23
Calcite on Natrolite, Weyerhauser Lincoln Cr. Q.	COLOR#33	7-20
Calcite on Saponite on Stilbite, Mill Creek Q.	COLOR#28	6-23
Calcite on white Stilbite, Mill Creek Q.	COLOR#27	6-23
Cavansite, Jaquish Road, Goble	SEM#1	1-22
	SEM#2	1-22
Celadonite, Little Jack Falls, Goble	COLOR#32	7-20
Chabazite on Gismondine, N. Fk. John Day R.	SEM#238	3-20
Chabazite on Phillipsite, Flowers Gulch Summit	COLOR#4	1-22
Chalcocite on Clinochlore, Beaver Valley Q.	SEM#846	9- 2
Clinoptilolite, Washington Pass	SEM#23	5-21
Clinoptilolite with Calcite, Canwood Mall	COLOR#17	5-21
Dachiardite with Mordenite, Canwood Mall	COLOR#18	5-21
Datolite on Stilbite, Beaver Falls Q.	SEM#319	8-20
Erionite, Clarkston	SEM#088	1-21
Erionite on Chalcedony, Clarkston	SEM#084	1-21
Ferrierite, Canwood Mall	COLOR#19	5-21
Fluorite on Brewsterite, Yellow Lake	SEM#006	4-18

Photographs (continued)

Galkhaite on Quartz, Getchell Mine	COLOR#35	7-20
Gmelinite on Chabazite, N. FK. John Day R.	SEM#235	3-20
Heulandite, Clarkston	SEM#026	1-21
Heulandite, Yellow Lake	SEM#387	4-18
Heulandite on Mordenite, Rock Creek	SEM#024	10-20
Levyne with Offretite, Flowers Gulch Summit	COLOR#3	1-22
Merlinoite, Monte Somma, Vesuvius, Italy	SEM#234	5-21
Metavariscite with Variscite, Utahlite Claim	SEM#6	2- 3
Minyulite, Utahlite Claim	SEM#8	2- 3
Mordenite on Heulandite, Rock Creek	COLOR#38	8-20
Montgomeryite, Utahlite Claim	SEM#101	10-20
Motukoreaite, Feldbach, Austria	SEM#074	1-21
Native Copper on Clinocllore, Beaver Valley Q.	SEM#855	9- 2
	SEM#886	9- 2
	SEM#887	9- 2
	SEM#888	9- 2
Native Selenium on Montgomeryite, Red House M.	SEM#019	10-20
Natrolite and Thomsonite, Lower Kahler Creek	SEM#10	2- 3
Offretite, Canwood Mall	COLOR#20	5-21
Phillipsite on Analcime, Canwood Mall	COLOR#21	5-21
Phillipsite on Calcite, Upper Ritter Q	COLOR#5	1-22
Pyrite & Stilbite on Heulandite, Coffin Butte	SEM#11	2- 3
	SEM#13	2- 3
Quartz, Mill Creek Q.	SEM#657	6-23
	SEM#022	10-20
Quartz on Mordenite, Rock Creek	SEM#022	10-20
Quartz on Stilbite, Mill Creek Q.	COLOR#30	6-23
Sphalerite and Dachiardite, Canwood Mall	COLOR#22	5-21
Stilbite on Galkhaite w. stibnite Getchell Mine	COLOR#36	7-20
Stilpnomelane in Quartz, Blanchard Hill	COLOR#14	3-20
	SEM#487	4-18
Thomsonite, Yellow Lake	SEM#488	4-18
	SEM#489	4-18
	SEM#490	4-18
	SEM#493	4-18
	SEM#494	4-18
Thomsonite on Celadonite, Neer Rd., Goble	SEM#496	4-18
	COLOR#31	7-20
Tungusite in Quartz and Mordenite, Newbury Park	COLOR#37	7-20
Tungusite with Tacharanite, Mulholland Highway	COLOR#16	4-18
Thomsonite, Bear Creek Q.	SEM#241	3-20
Variscite, Utahlite Claim	SEM#7	2- 3
Wairakite, Wolf Point Q.	SEM#691	6-23
Yugawaralite on Heulandite, Wolf Point Q.	SEM#12	2- 3