

## INDEX TO VOLUME 18

Leading articles are in **bold face type**; notes, abstracts and reviews are in ordinary type. Only minerals for which definite data are given are indexed.

Accuracy of mineralogical measurements. (Hey).....	420	.....	117
Allophane: optical data and analysis.....	372, 378	—— and Tunell, G. Space lattice and optical orientation of chalcantinite. (Weisenberg method).....	187
Alteration of galena to anglesite to cerussite. (Swartzlow).....	174	Bauer, L. H. and Berman, H., Barium-muscovite from Franklin, N. J.....	30
<b>Alty, S. W., Authigenic tourmaline from Lower Devonian sediments.</b> .....	351	Bauer, M.—Schlossmacher, K., Edelsteinkunde. [Book review].....	80
<b>Ammonioborite, a new mineral. (Schaller)</b> .....	480	<b>Bavenite; symmetry and unit cell. (Ksanda, Merwin)</b> ...	341
Anapaite, crystallographic notes on. (Palache, LaForge)...	116	Becquerelite: optical data....	21
Angle-tables, crystallographic.	312	Beidellite in Cretaceous clays of N. J. (Hawkins).....	117
Ankerite from Bethesda, Md. (Ulke).....	312	<b>Berman, H. and Bauer, L. H., Barium-muscovite from Franklin, N. J.</b> .....	30
Apatite: optical data.....	372	—— and Palache, C., Oxidation products of pitchblende from Bear Lake....	20
Artificial spherulites. (Morse, Donnay).....	66	Beryl, N. Carolina.....	152
Ashcroftine (kalithomsonite): optical and x-ray data. (Hey, Bannister).....	78, 358	Boericke, W. F., Prospecting and operating small gold placers. [Book review]....	367
Augite: optical data.....	372, 378	Bowen, N. L., Non-existence of echellite.....	31
<b>Baker, C. L., Woodward, H. T., and Pabst, A., Four crystalline hydrates of sodium metasilicate</b> .....	206	Bracewell, S.....	222
Bannister, F. A.....	78, 79, 222, 358	Braggite. (Bannister).....	79
Barium-muscovite from Franklin, N. J. (Bauer, Berman)	30	<b>Bramlette, M. N. and Posnjak, E., Zeolitic alteration of pyroclastics.</b> .....	167
Barium plagioclase feldspar. (Nockolds, Zies).....	420	Brammall, A.....	222
<b>Barnes, V. E., Metallic minerals in anhydrite cap rock, Winnfield salt dome, La.</b> ...	335	Brandt, F.....	222
<b>Barth, Tom F. W. Iso-orthoclase in Virginia</b> .....	478	<b>Buck, L. A., Hawkins, A. C., and Stollman, A., Microscopic minerals of clays of Middlesex Co., N. J.</b> ....	160
—— [Book review].....	310	<b>Buerger, M. J., Optical properties of ideal solution immersion liquids</b> .....	325
—— and Ksanda, C. J. Crystallographic data on melilite.....	8	——.....	111, 113

Bulfonteinite. (Parry, Williams, Wright).....	32	Cooperite. (Bannister).....	79
Burbank, W. S., Manganese minerals of Sunnyside veins, Eureka Gulch, Colo.	513	Cordierite, optically positive, from N. W. Territories, Canada. (Rutherford)....	216
Butler, R. D., Immersion liquids of intermediate refraction (1.450-1.630).....	111, 386	Coronadite "redivivus." (Lindgren).....	548
Camera lucida in crystal drawing. (McNabb, McNabb).	14	Corundum, N. Carolina.....	150
Carbonado, structure of. (Fettke, Sturges).....	172	Corvusite and rilandite, new minerals from Utah-Colo-rado carnotite region. (Henderson, Hess).....	195
Carnegieite solid solutions. (Tilley, Schairer).....	113	Crestmore contact rocks, texture of. (Dunham).....	474
Ceylon gem field, a day in. (Gillson).....	300	Crystal cavities in lavas from Hawaii. (Dunham).....	369
Chabazite: optical data and analysis.....	372	Crystal drawing, camera lucida	14
Chalcanthite, space lattice and optical orientation. (Barth, Tunell).....	187	Crystal structure of potassium dithionate. (Huggins)....	455
Chappell, W. M., Paulopost stilbite in the Camas Land sill, Chelan Co., Wash....	440	Crystallography, Mineralogy, Structures. (from Vol. VIII and IX of Annual Tables of Constants) (Niggli, Brandenberger and Mathieu.) [Book review].....	367
Chrysoberyl occurrence.....	502	Deer Creek, Wyo., intrusive, structure and alteration of. (Rouse).....	117
Cinnabar and associated minerals from Pike Co., Ark. (Sohlberg).....	1	Descriptive petrography of the igneous rocks. Vol. II. The quartz-bearing rocks. (Johannsen) [Book review]...	311
Clay and bauxite minerals. (Tomkeieff).....	419	Determinants applied to crystallography. (Donnay)....	116
Clays of Middlesex Co., N. J., microscopic minerals of. (Hawkins, Stollman, Buck)	160	Determination of rock constituents by semi-micro methods. (Guthrie, Miller)....	78
Cl'noptilolite: analysis.....	170	Diamond, genesis of. (Williams) [Book review].....	176
Coil, F., Chemical composition of leucoxene in Permian of Oklahoma.....	62	Diamond, N. Carolina.....	149
Columbia River basalt, differentiation in. (Fisk).....	117	Dickite: optical data.....	5
Colusite, a new mineral of the sphalerite group. (Landon, Mogilnor).....	114, 528	Differentiation in Columbia River basalt. (Fisk).....	117
Colusite, x-ray examination of. (Zachariassen).....	534	Differentiation in intrusive stocks in the Magdalena district, N. Mex. (Koschmann).....	116
Contact metamorphism of Onawa batholith, Piscataquis Co., Maine. (Philbrick)...	116	Directory of American and Ca-	

nadian mineral collections. (Gordon).....	313, 359, 407, 457, 504	Fisher, L. W., Mineral localities in Maine.....	501
Dixon, B. E.....	77	Fisk, H. N.....	117
Donnay, J. D. H. and Mélon, J., Haiüy-Bravais lattice and other crystallographic data for sodium molybdo- tellurate.....	112, 225	Foshag, W. F., Sulfohalite and other minerals from the Otjiwalundo salt pan, S.W. Africa.....	431
—— and Morse, H. W., Ar- tificial spherulites.....	66	Gallium in lepidolite.....	454
——.....	116	Garnet in the Dartmoor gran- ite; its petrographic signifi- cance. (Brammall, Brace- well).....	222
Drugmen, J.....	79	Garnet, N. Carolina.....	155
Dunham, K. C., Crystal cavities in lavas from Hawaii.....	369	Garnets from Sierra Tlayacac, Mexico. (McConnell).....	25
—— Texture of Crestmore contact rocks.....	474	Gems and gem minerals of N. Carolina. (Pratt).....	148
—— and Larsen, E. S., Til- leyite, a new mineral from contact zone at Crestmore, Calif.....	469	Genesis of the diamond. (Wil- liams) [Book review].....	176
Duparcite. (Nicolet).....	180	Gieseke, C. L. (biographical note).....	78
Echellite, non-existence of. (Bowen).....	31	Gillson, J. L., A day in a Ceylon gem field.....	300
Eckel, E. B., Stability relations of a Colorado pisanite. (cuprian melanterite).....	449	Girnarite. (Mathier, Jhingran). Gismondite: optical data.....	512 378
Edelsteinkunde. (Bauer) [Book review].....	80	Glass, J. J. and Henderson, E. P., Laumontite and thomsonite from Table Mt., Colo.....	402
Edingtonite. (Hey).....	420	Glauberite crystals from West Paterson, N. J. (Hawkins)	273
Emerald, N. Carolina.....	152	Gneisses of a late formation in the Cascades, Wash. (Rich- arz).....	115
Emplectite and the zinkenite group. (Palache, Peacock) .....	116, 277	Gordon, S. G., Directory of American and Canadian mineral collections. :..... ..... 313, 359, 407, 457, 504	368
Enalite. (Kimura, Miyake)....	223	—— Book review.....	368
Epistilbite: optical data.....	380	Gumucionite. (Herzenberg)....	359
Error in determination of sym- metry from optical extinc- tion angles. (Hey).....	309	Gunnell, E. M., Photo-lumines- cence of Illinois fluorite and zinc minerals and associ- ated species from Joplin, Mo.....	68
Eudidymite, crystallographic notes. (Palache, LaForge)	116	Guthrie, W. C. A. and Miller, C. C.....	78
Fairchild, J. G., Artificial jaro- sites; separation of potas- sium from cesium.....	543		
Fettke, C. R. and Sturges, F. C., Structure of carbonado.	172		

- Haan, J. H., Kristallometrische determineerings-methoden. [Book review] . . . . . 310
- Harbortite. (Brandt) . . . . . 222
- Harcourt, G. A., Brown tourmaline from Frontenac and Renfrew Co., Ont. . . . . 356
- Haüy-Bravais lattice and other crystallographic data for sodium molybdo-tellurate. (Donnay, Mélon) . . . . . 112, 225
- Hawkins, A. C., Glauberite crystals from West Paterson, N. J. . . . . 273
- Twisted millerite crystals . . . . . 118, 274
- . . . . . 117
- , Stollman, A., and Buck, L. A., Microscopic minerals of clays of Middlesex Co., N. J. . . . . 160
- Henderson, E. P., Triplite from Argentina . . . . . 104
- and Glass, J. J., Laumontite and thomsonite from Table Mt., Colo. . . . . 402
- and Hess, F. L., Corvusite and rilandite, new minerals from Utah-Colo-rado carnotite region . . . . . 195
- Hermelin, S. G., Report about mines in U.S.A. 1783 [Book review] . . . . . 368
- Herzenberg, R. . . . . 223, 359
- Hess, F. L. and Henderson, E. P., Corvusite and rilandite, new minerals from Utah-Colo-rado carnotite region . . . . . 195
- Heulandite: optical data and analysis . . . . . 380
- Hexammine-cobalti-perchlorate: crystallography . . . . . 19
- Hey, M. H. . . . . 79, 309, 358, 420
- and Bannister, F. A. . . . . 78, 358
- Hiddenite, N. Carolina . . . . . 154
- Huggins, M. L., Crystal structure of potassium dithio-nate . . . . . 455
- Hunt, W. F., Book review . . . . . 367
- Hydronephelite: optical data and analysis . . . . . 372, 378
- Immersion liquids, ideal, optical properties of. (Buerger)** . . . . . 325
- Immersion liquids of intermediate refraction (1.450–1.630) (Butler)** . . . . . 111, 386
- Indian meteorites, list of. (Silberrad) . . . . . 78
- Iso-orthoclase, occurrence in Virginia. (Barth)** . . . . . 478
- Jarosites, artificial; separation of potassium from cesium. (Fairchild)** . . . . . 543
- Jhingran, A. G. . . . . 512
- Johannsen, A., Descriptive petrography of igneous rocks. Vol. II. Quartz bearing rocks. [Book review] . . . . . 311
- Johannsenite, a new manganese pyroxene. (Schaller) . . . . . 113
- Kennard, T. G. and Rambo, A. I., Rubidium, gallium and thallium in lepidolite from Pala, Calif. . . . . 454
- Kerr, P. F., Memorial of George F. Kunz** . . . . . 91
- . . . . . 115
- Kimura, K. . . . . 223
- Kolbeckine. (Herzenberg) . . . . . 223
- Koschmann, A. H. . . . . 116
- Kraus, E. H., Book reviews . . . . . 80, 176
- Krieger, P., Occurrence of strontianite at Sierra Mojada, Mexico** . . . . . 114, 345
- Kristallometrische determineerings-methoden. (Haan) [Book review] . . . . . 310
- Ksanda, C. J.** . . . . . 112, 117
- and Barth, T. F. W., Crystallographic data on mellite . . . . . 8
- and Merwin, H. E.,

Bavenite, symmetry and unit cell.....	341	ter with variable refracting angle.....	133
Kunz, George F., memorial of (Kerr).....	91	McNabb, W. M. and McNabb, J. W., Use of camera lucida in crystal drawing.....	14
Kunz, George F., the mineralogist. (Whitlock).....	76	Mellite: optical data.....	372
LaForge, L.....	116	Mellite, crystallographic data on. (Barth, Ksanda).....	8
Landes, K. K., Origin and classification of pegmatites.....	33, 95	Mélon, J. and Donnay, J. D. H., Crystallographic data for sodium molybdo-tellurate.....	112, 225
Landon, R. E. and Mogilnor, A. H., Colusite, a new mineral of the sphalerite group.....	114, 528	Mercury in native silver. (Newhouse).....	295
Lane, A. C.....	113	Merwin, H. E. and Ksanda, C. J., Bavenite, symmetry and unit cell.....	341
Larderellite: optical data.....	485	Mesolite. (Hey).....	309
Larsen, E. S. and Dunham, K. C., Tilleyite, a new mineral from contact zone at Crestmore, Calif.....	469	Metallic minerals in anhydrite cap rock, Winnfield salt dome, La. (Barnes).....	335
——— Book review.....	311	Meteoric iron found near Kyan-cutta, S. Australia. (Spencer).....	77
Laumontite and thomsonite from Table Mt., Colo. (Henderson, Glass).....	402	Meteoric irons and silica glass from meteorite craters of Henbury and Wabar. (Spencer).....	221
Laumontite: optical data and analysis.....	380	Meteoric stone from Suwahib, Arabia. (Smith).....	78
Legrandite. (Drugmen, Hey).....	79	Meteorite, stony, from Nebraska. (Nininger).....	56
LeMesurier, C. R.....	512	Miller, C. C.....	78
Lepidolite, occurrence of Rb, Ga and Tl.....	454	Millerite crystals, helically twisted. (Hawkins).....	118, 274
Letovicite. (Sekanina).....	180	Mineralogical Society of America. Proceedings of XIII annual meeting.....	106
Leucoxene in Permian of Oklahoma, chemical composition of. (Coil).....	62	——— List of former officers and meetings.....	119
Lindgren, W., Coronadite "re-divivus".....	548	——— List of fellows and members.....	121
Maine mineral localities. (Fisher).....	501	——— Nominations of officers for 1934.....	406, 511
Manganese minerals of Sunny-side veins, Eureka, Gulch, Colo. (Burbank).....	513	Mineralogical Society of Great Britain and Ireland.....	77, 221, 309, 419
Marshall, P.....	180	Mineralogy, the new (Winchell)	81
Mathier, K. K.....	512		
McConnell, D., Garnets from Sierra Tlayacac, Morelos, Mex.....	25		
McLellan, R. D., Refractome-			

- Mines in U.S.A. 1783. (Hermelin) [Book review] . . . . . 368
- Minyulite. (Simpson, LeMesurier) . . . . . 512
- Miyake, Y. . . . . 223
- Mogilnor, A. H. and Landon, R. E., Colusite, a new mineral of the sphalerite group. 528
- Monazite crystal, large, from N. Car. (Schaller) . . . . . 435
- Morse, H. W. and Donnay, J. D. H., Artificial spherulites. . . . . 66
- Mottramite and psittacinite, identity of, with cuprodescloizite. (Bannister) . . . . . 222
- Mourant, A. E. . . . . 309
- Myers, W. M., Book review . . . . . 367
- Nephelite: optical data and analysis . . . . . 372
- Newhouse, W. H., Mercury in native silver. . . . . 295
- New mineral names; new data . . . . . 32, 79; 179, 222, 358, 510
- New York Mineralogical Club . . . . . 74, 131, 177-8-9, 219-20-21
- Nickel-iron in silica glass from meteorite crater at Wabar, Arabia. (Spencer) . . . . . 419
- Nicolet, S. E. . . . . 180
- Nininger, H. H., Second stony meteorite from Nebraska. 56
- Niter, structure of the polymorphic forms of. (Barth, Ksanda) . . . . . 117
- Nockolds, S. R. . . . . 420
- North Carolina gems and gem minerals. (Pratt) . . . . . 148
- Objective, new, for petrographic microscope. (Slawson) . . . . . 112
- Ödman, O. . . . . 224
- Olivine: optical data . . . . . 378
- Optical properties of ideal solution immersion liquids. (Buerger) . . . . . 325
- Over, E. . . . . 115
- Oxalato-tetrammine-cobaltichloride: crystallography. . . . . 17
- Oxidation products of pitchblende from Bear Lake. (Palache, Berman) . . . . . 20
- Pabst, A., Baker, C. L., and Woodward, H. T., Four crystalline hydrates of sodium metasilicate. . . . . 206
- Palache, C. . . . . 115, 116
- and Berman, H., Oxidation products of pitchblende from Bear Lake. . . . . 20
- and Peacock, M. A., Emplectite and the zinkenite group . . . . . 277
- Parry, J. . . . . 32
- Peacock, M. A. and Palache, C., Emplectite and the zinkenite group . . . . . 116, 277
- Peoples, J. W. . . . . 117
- Pegmatites, origin and classification of. (Landes) . . . . . 33, 95
- Pegmatites of Pikes Peak region, Colo. (Palache, Over) 115
- Philadelphia Mineralogical Society . . . . . 31, 77, 176, 177, . . . . . 221, 309, 358, 419, 510
- Philbrick, S. S. . . . . 116
- Phillipsite: optical data and analysis . . . . . 372
- Photography for the mineralogist. (Stephens) . . . . . 248
- Photoluminescence of Illinois fluorite and zinc minerals and associated species from Joplin, Mo. (Gunnell) . . . . . 68
- Piedmontite in quartz-muscovite schist from N. Zealand. (Turner) . . . . . 309
- Piedmontite from Shadow Lake, Madera Co., Calif., chemical and optical study of. (Short) . . . . . 493
- Pirssonite: optical and crystallographic data . . . . . 432
- Pisanite, stability relations of.

(Eckel).....	449	Ramdohr, P.....	224
Pitchblende, oxidation products of.....	20	Read, H. H.....	77
Plane angles in geometrical crystallography. (Rogers).....	116	<b>Refractive index determina- tions with glass powder. (Sueno).....</b>	421
Portlandite, new mineral from Antrim. (Tilley).....	419	<b>Refractometer with variable re- fracting angle. (McLellan)</b>	133
<b>Posnjak, E. and Bramlette, M. N., Zeolitic alteration of pyroclastics.....</b>	167	Richarz, S.....	115
.....	112	<b>Rilandite and corvusite, new minerals from Utah-Colo- rado carnotite region. (Henderson, Hess).....</b>	195
Potassium dithionate, crystal structure of. (Huggins)...	455	<b>Rogers, A. F., Structural crys- tallography.....</b>	538
Potassium sulphate: crystallog- raphy.....	16	.....	111, 116
<b>Pratt, J. H., Gems and gem minerals of N. Carolina...</b>	148	Rouse, J. T.....	117
Prospecting and operating small gold placers. (Boericke) [Book review].....	367	Rubidium in lepidolite.....	454
Psittacinite and mottramite, identity with cuprodesclou- zite. (Bannister).....	222	Ruby, N. Carolina.....	151
Ptilolite: optical data and anal- ysis.....	380	Russel, A.....	78
Pyrite-marcasite relation. (Buer- ger).....	113	Rutherford, R. L., Optically positive cordierite from N.W. Territories, Canada.	216
<b>Pyrite or marcasite concretions, x-ray study of. (VanHorn, VanHorn).....</b>	112, 288	<b>Sand-barites of Oklahoma, ori- gin of. (Tarr).....</b>	114, 260
<b>Pyroclastics, zeolitic alteration of. (Bramlette, Posnjak)...</b>	167	Schairer, J. F.....	113
<b>Pyrrhotite in vein-like masses, in chalcopyrite from Que- bec. (Stevenson).....</b>	114, 445	<b>Schaller, W. T., Ammoniobor- ite, a new mineral.....</b>	480
Quartz, cleavage and parting in. (Rogers).....	111	..... Large monazite crystal from N. Carolina.....	435
Quartz-kyanite rocks from Shetland Islands, and their bearing on metamorphic differentiation. (Read)....	77	..... Tephroite crystal from Franklin Furnace, N. J....	59
Quartz, N. Carolina.....	156	.....	113
<b>Rambo, A. I. and Kennard, T. G., Rubidium, gallium and thallium in lepidolite from Pala, Calif.....</b>	454	Schlossmacher, K.—Bauer, M. Edelsteinkunde. [Book re- view].....	80
		Schoep, A.....	179
		Schoepite: optical and crystal- lographic data.....	21
		Sekanina, J.....	180
		<b>Short, A. M., Chemical and op- tical study of piedmontite from Shadow Lake, Ma- dera Co., Calif.....</b>	493
		Silberrad, C. A.....	78
		Simpson, E. S.....	512
		Slawson, C. B.....	112
		Smith, W. Campbell.....	78

Sodium metasilicate, four crystalline hydrates of. (Baker, Woodward, Pabst).....	206	Symbols of crystal optics. (Rogers).....	111
Sodium molybdo-tellurate, Haiüy-Bravais lattice and other crystallographic data. (Donnay, Mélon).....	112, 225	Tarr, W. A., Origin of sand-barites of lower Permian of Oklahoma.....	114, 260
Sohlberg, R. G., Cinnabar and associated minerals from Pike Co., Ark.....	1	Tenorite, atomic structure and geometrical constants. (Tunnell, Posnjak, Ksanda)...	112
Spencer, L. J.....	77, 221, 419	Tephroite crystal from Franklin Furnace, N. J. (Schaller)...	59
Spherulites, artificial.....	66	Tilley, C. E.....	113, 419
Stability relations of a Colorado pisanite. (Eckel).....	449	Tilleyite, a new mineral from contact zone at Crestmore, Calif. (Larsen, Dunham)...	469
Stephens, M. M., Photography for the mineralogist.....	248	Thallium in lepidolite.....	454
Stevenson, J. S., Vein-like masses of pyrrhotite in chalcopyrite from Quebec.....	114, 445	Thenardite.....	434
Stewartite. (Williams).....	224	Thomsonite, dehydration of. (Mourant).....	309
Stichtite from Shetland. (Read, Dixon).....	77	Thomsonite and laumontite from Table Mt., Colo. (Henderson, Glass).....	402
Stilbite: optical data.....	378	Tomkeieff, S. I.....	419
Stilbite, paulopost, in Camas Land sill, Wash. (Chappell).....	440	Tourmaline, authigenic, from Lower Devonian sediments. (Alty).....	351
Stillwater igneous complex, Montana. (Peoples).....	117	Tourmaline, brown, from Fontenac and Renfrew Co., Ont. (Harcourt).....	356
Stollman, A., Buck, L. A., and Hawkins, A. C., Microscopic minerals of clays of Middlesex Co., N. J.....	160	Triclinic space lattice, determination of, by Weissenberg x-ray goniometer. (Tunell).....	181
Strontianite at Sierra Mojada, Mexico. (Krieger).....	114, 345	Triplite from Argentina. (Henderson).....	104
Structural Crystallography. (Rogers).....	538	Trona.....	432
Sturges, F. C. and Fettke, C. R., Structure of carbonado	172	Tuhualite. (Marshall).....	180
Sueno, T., Standard glass powders in refractive index determinations.....	421	Tunell, G., Determination of triclinic space lattice by Weissenberg method.....	181
Sulfohalite and other minerals from Otjiwalundo Salt Pan, S.W. Africa. (Foshag)....	431	——— Book review.....	310
Swartzlow, C., Alteration of galena to anglesite to cerussite.....	174	——— and Barth, T. F. W., Space lattice and optical orientation of chalcantinite.	187
		Tungsten deposit at Mill City, Nev. (Kerr).....	115
		Turner, F. J.....	309

Ulke, T., Ankerite from Bethesda, Md.....	312	ley, Durham. (Russell)...	78
Uraninite age, five-fold check of. (Lane).....	113	Woodward, H. T., Baker, C. L., and Pabst, A., Four crystalline hydrates of sodium metasilicate.....	206
Uranophane.....	23	Wright, F. E.....	32
Valleriite. (Ramdohr, Ödman)..	224	<b>X-ray examination of colusite. (Zachariasen).....</b>	531
Vandenbrandeite. (Schoep)....	179	<b>X-ray study of pyrite or marcasite concretions. (VanHorn, VanHorn).....</b>	112, 288
<b>VanHorn, F. R. and VanHorn, K. R., X-ray study of pyrite or marcasite concretions.....</b>	112, 288	<b>Zachariasen, W. H., X-ray examination of colusite.....</b>	534
<b>Weissenberg x-ray goniometer, use in triclinic system. (Tunell).....</b>	181, 187	Zeolites, studies of. IV. Ashcroftine. V. Mesolite. VI. Edingtonite. (Hey).....	78, 309, 420
Whitlock, H. P., George F. Kunz, the mineralogist... ..	76	<b>Zeolitic alteration of pyroclastics. (Bramlette, Posnjak).....</b>	167
Williams, A. F., Genesis of the diamond. [Book review]... ..	176	Zies, E. G.....	420
.....	32, 224	Zinkenite group.....	284
<b>Winchell, A. N., The new mineralogy.....</b>	81	Zippeite.....	23
Witherite, occurrence at Stan-			